

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129273.D
 Acq On : 18 Jul 2022 18:07
 Operator : CG\JU
 Sample : N3731-02MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Jul 19 02:08:57 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Christian Giraldo 07/19/2022
 Supervised By : Jagrut Upadhyay 07/19/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	247351	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	995140	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	511364	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	796082	20.000	ng	# 0.00
76) Chrysene-d12	14.080	240	437618	20.000	ng	0.00
86) Perylene-d12	15.568	264	514183	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	1836417	118.571	ng	0.03
7) Phenol-d6	6.540	99	2195953	109.625	ng	0.01
23) Nitrobenzene-d5	7.469	82	1661673	89.258	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	639644	134.766	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2758858	91.404	ng	0.00
79) Terphenyl-d14	13.021	244	2340747	100.060	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.875	88	300945	42.651	ng	# 76
3) Pyridine	3.616	79	671303	36.995	ng	90
4) n-Nitrosodimethylamine	3.546	42	413408	48.231	ng	# 91
6) Aniline	6.569	93	476630	20.253	ng	97
8) 2-Chlorophenol	6.692	128	861258	52.811	ng	96
9) Benzaldehyde	6.457	77	231051	18.795	ng	99
10) Phenol	6.551	94	860807m	42.780	ng	
11) bis(2-Chloroethyl)ether	6.639	93	861052	52.763	ng	94
12) 1,3-Dichlorobenzene	6.845	146	886697	51.127	ng	98
13) 1,4-Dichlorobenzene	6.922	146	891115	50.801	ng	99
14) 1,2-Dichlorobenzene	7.075	146	847861	51.856	ng	99
15) Benzyl Alcohol	7.045	79	737849	55.309	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1305549	50.207	ng	92
17) 2-Methylphenol	7.157	107	674236	49.184	ng	99
18) Hexachloroethane	7.416	117	341339	52.079	ng	94
19) n-Nitroso-di-n-propyla...	7.316	70	583902	49.558	ng	95
20) 3+4-Methylphenols	7.310	107	768070	45.587	ng	# 81
22) Acetophenone	7.316	105	1116697	48.626	ng	# 97
24) Nitrobenzene	7.487	77	909521	51.358	ng	97
25) Isophorone	7.728	82	1700597	54.352	ng	98
26) 2-Nitrophenol	7.804	139	465832	52.366	ng	90
27) 2,4-Dimethylphenol	7.839	122	776903	56.165	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	1053836	50.564	ng	99
29) 2,4-Dichlorophenol	8.045	162	692073	50.327	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	702880	49.259	ng	96
31) Naphthalene	8.210	128	2341441	49.661	ng	100
32) Benzoic acid	7.939	122	265772m	24.739	ng	
33) 4-Chloroaniline	8.251	127	219972	11.250	ng	98
34) Hexachlorobutadiene	8.316	225	407858	50.807	ng	98
35) Caprolactam	8.633	113	178847m	39.152	ng	
36) 4-Chloro-3-methylphenol	8.739	107	755635	50.371	ng	93
37) 2-Methylnaphthalene	8.898	142	1576070	51.287	ng	99
38) 1-Methylnaphthalene	8.998	142	1488712	50.093	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	651296	51.228	ng	# 97
41) Hexachlorocyclopentadiene	9.051	237	707390	110.567	ng	99
43) 2,4,6-Trichlorophenol	9.181	196	480951	51.373	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	515668	52.073	ng	# 93
46) 1,1'-Biphenyl	9.363	154	1849549	51.137	ng	98
47) 2-Chloronaphthalene	9.392	162	1457831	51.173	ng	98
48) 2-Nitroaniline	9.486	65	490581	51.256	ng	94
49) Acenaphthylene	9.810	152	2221077	51.799	ng	100
50) Dimethylphthalate	9.669	163	1747199	52.652	ng	99
51) 2,6-Dinitrotoluene	9.728	165	392999	54.730	ng	92
52) Acenaphthene	9.980	154	1475023m	52.627	ng	
53) 3-Nitroaniline	9.898	138	248960	29.034	ng	# 90
54) 2,4-Dinitrophenol	10.004	184	266880	69.347	ng	96
55) Dibenzofuran	10.151	168	1967905	49.461	ng	94
56) 4-Nitrophenol	10.063	139	554807	81.749	ng	98
57) 2,4-Dinitrotoluene	10.133	165	509462	54.105	ng	99
58) Fluorene	10.492	166	1537349	50.802	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	378742	49.510	ng	91
60) Diethylphthalate	10.363	149	1656607	51.623	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	705145	50.301	ng	# 88
62) 4-Nitroaniline	10.516	138	393221	46.321	ng	95
63) Azobenzene	10.645	77	1671746	48.803	ng	96
65) 4,6-Dinitro-2-methylph...	10.545	198	202245	40.209	ng	89
66) n-Nitrosodiphenylamine	10.604	169	1359569	53.528	ng	96
67) 4-Bromophenyl-phenylether	10.975	248	454799	54.271	ng	95
68) Hexachlorobenzene	11.045	284	481977	54.792	ng	96
69) Atrazine	11.133	200	436366	61.971	ng	98
70) Pentachlorophenol	11.239	266	441201	84.347	ng	99
71) Phenanthrene	11.457	178	2050397	50.730	ng	100
72) Anthracene	11.510	178	2089039	52.032	ng	99
73) Carbazole	11.669	167	1881785	46.988	ng	99
74) Di-n-butylphthalate	11.986	149	2425730	52.707	ng	99
75) Fluoranthene	12.651	202	1871601	46.495	ng	98
77) Benzidine	12.769	184	143102	11.682	ng	98
78) Pyrene	12.880	202	1840218	51.917	ng	100
80) Butylbenzylphthalate	13.486	149	876012	55.487	ng	99
81) Benzo(a)anthracene	14.068	228	1462076	52.967	ng	99
82) 3,3'-Dichlorobenzidine	14.027	252	272694	39.492	ng	98
83) Chrysene	14.104	228	1351351	51.289	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1254434	59.714	ng	98
85) Di-n-octyl phthalate	14.657	149	1926712	63.945	ng	98
87) Indeno(1,2,3-cd)pyrene	17.098	276	1907155	59.483	ng	98
88) Benzo(b)fluoranthene	15.133	252	1576603	49.911	ng	98
89) Benzo(k)fluoranthene	15.162	252	1533602m	49.693	ng	
90) Benzo(a)pyrene	15.509	252	1455687	56.608	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	1619712	62.454	ng	97
92) Benzo(g,h,i)perylene	17.562	276	1650921	62.275	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

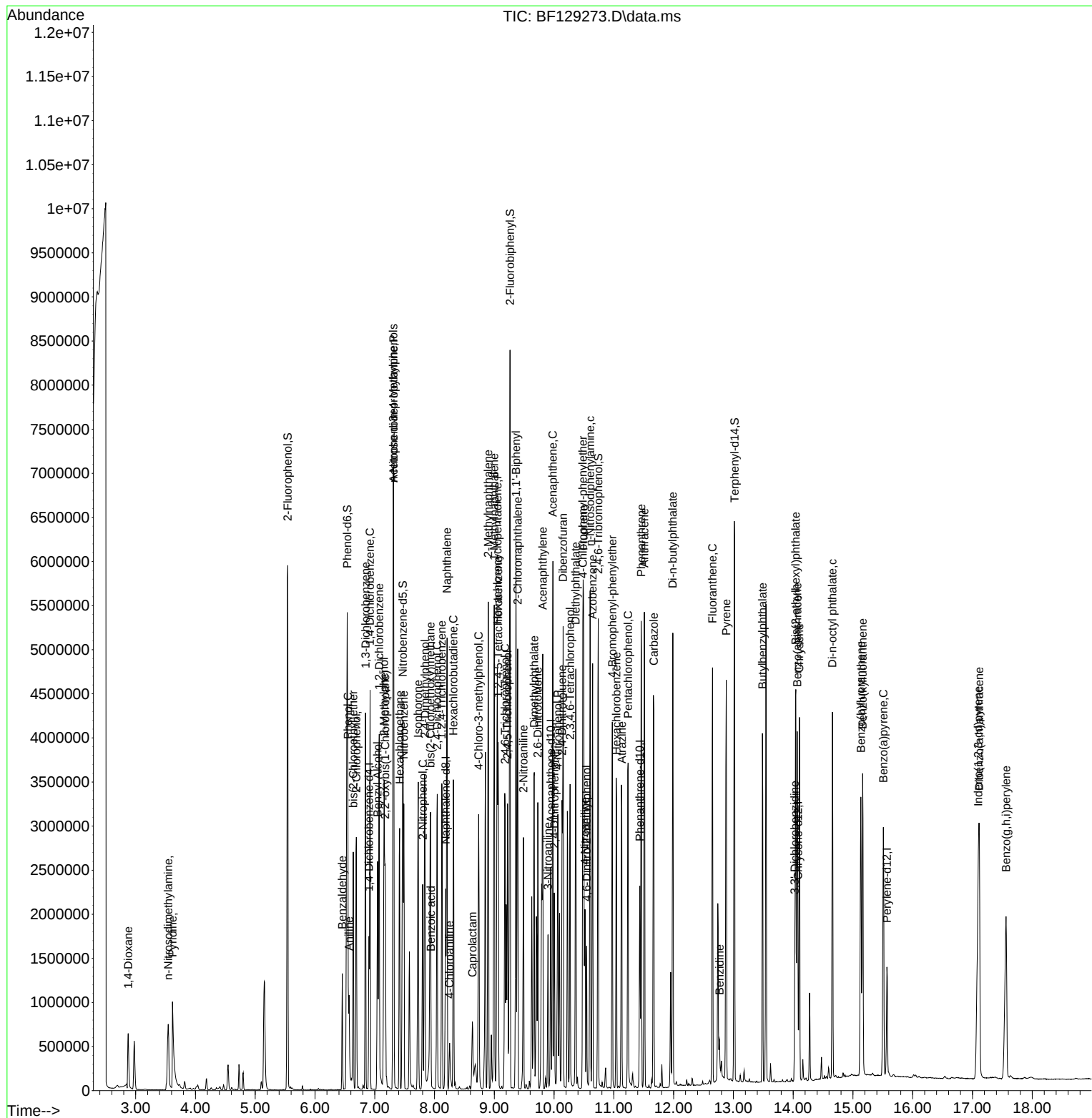
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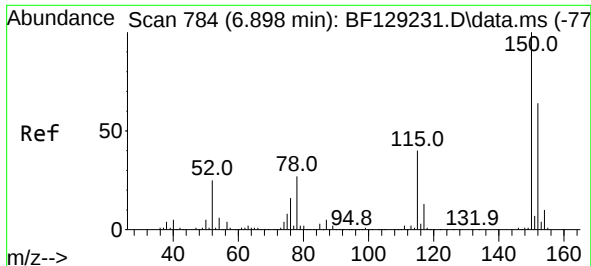
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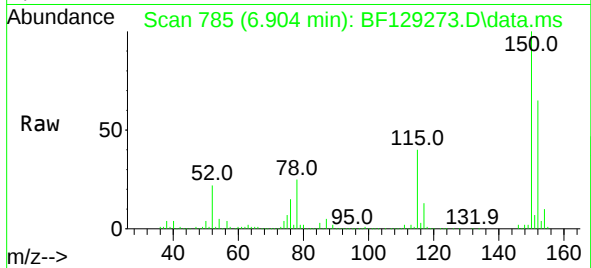
Reviewed By : Christian Giraldo 07/19/2022
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.904 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

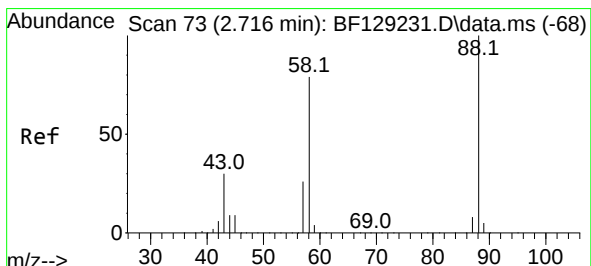
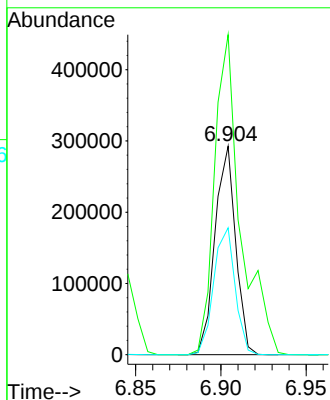
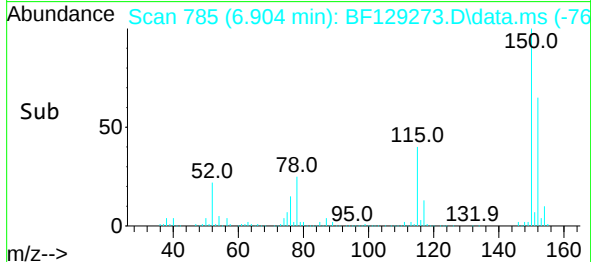
Instrument :
BNA_F
ClientSampleId :
TP-1MS



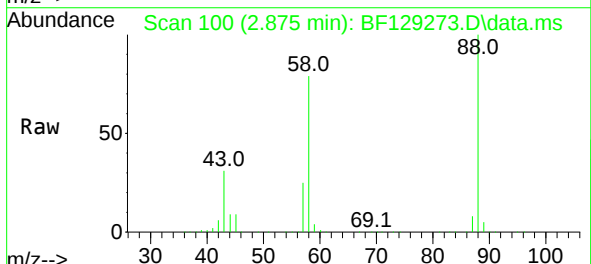
Tgt Ion:152 Resp: 24735
Ion Ratio Lower Upper
152 100
150 153.5 123.7 185.5
115 60.8 49.9 74.9

Manual Integrations
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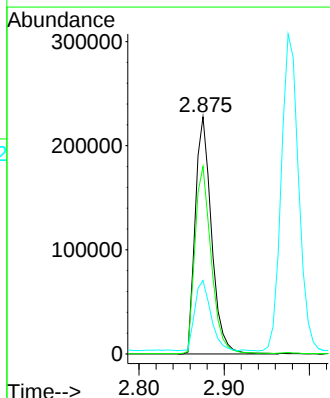
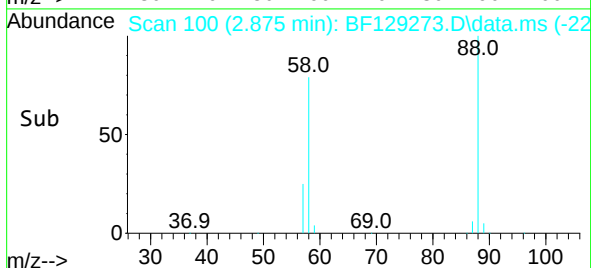
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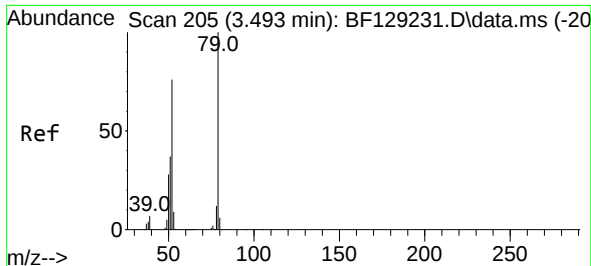


#2
1,4-Dioxane
Concen: 42.651 ng
RT: 2.875 min Scan# 100
Delta R.T. 0.159 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



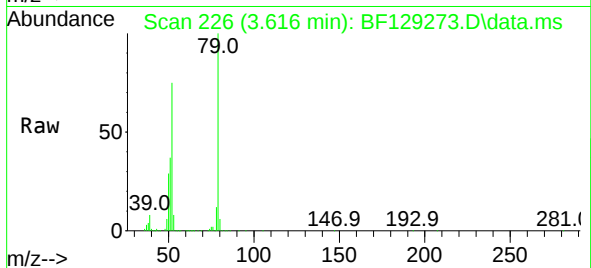
Tgt Ion: 88 Resp: 300945
Ion Ratio Lower Upper
88 100
58 79.4 71.8 107.8
43 0.0 26.6 39.8





#3
Pyridine
Concen: 36.995 ng
RT: 3.616 min Scan# 210
Delta R.T. 0.123 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

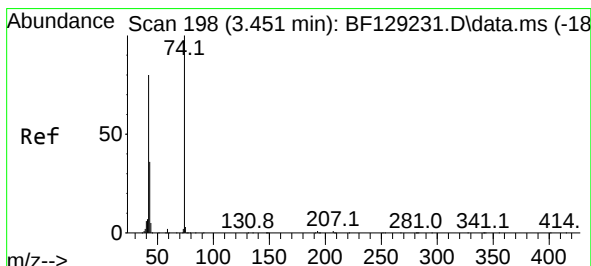
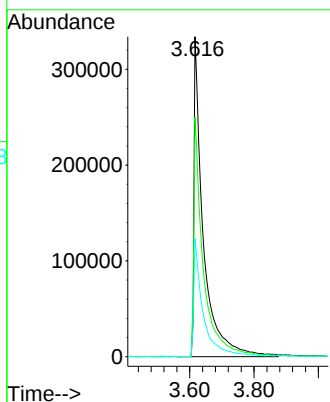
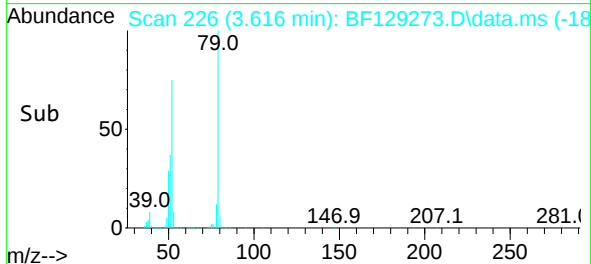
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 79 Resp: 67130
Ion Ratio Lower Upper
79 100
52 74.9 68.6 102.8
51 36.8 32.9 49.3

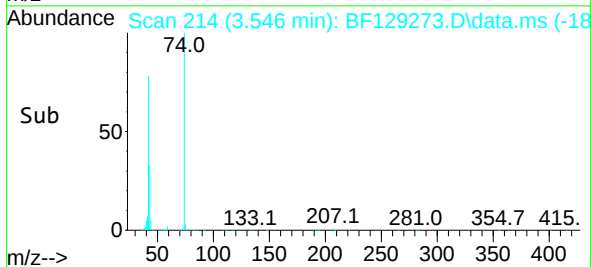
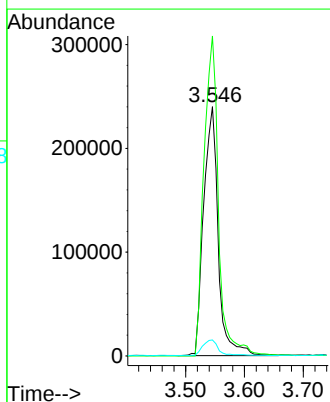
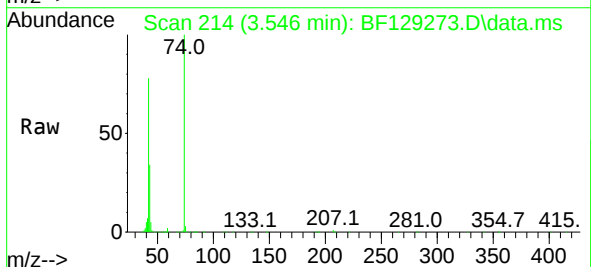
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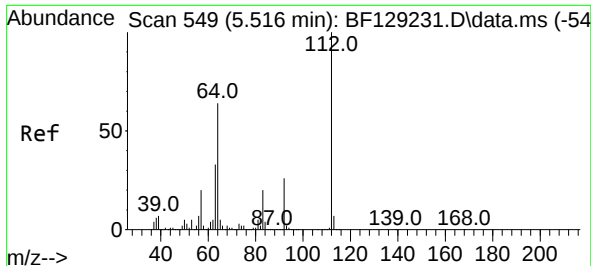
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#4
n-Nitrosodimethylamine
Concen: 48.231 ng
RT: 3.546 min Scan# 214
Delta R.T. 0.094 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

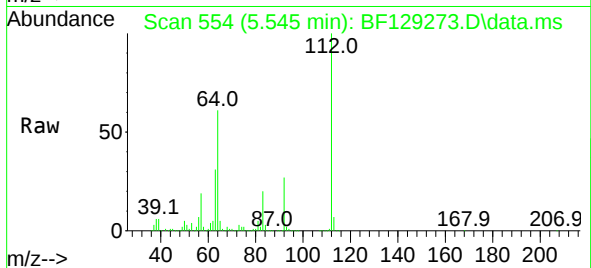
Tgt Ion: 42 Resp: 413408
Ion Ratio Lower Upper
42 100
74 128.4 94.8 142.2
44 6.4 6.6 10.0#





#5
2-Fluorophenol
Concen: 118.571 ng
RT: 5.545 min Scan# 511
Delta R.T. 0.029 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

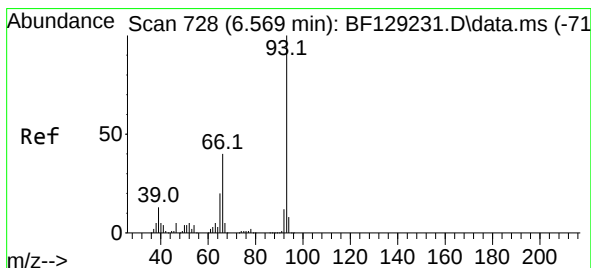
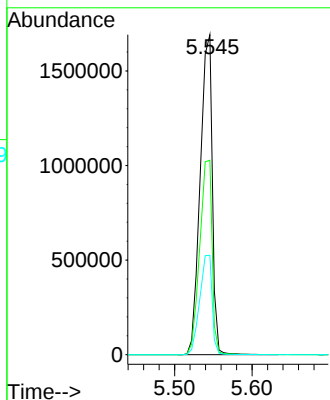
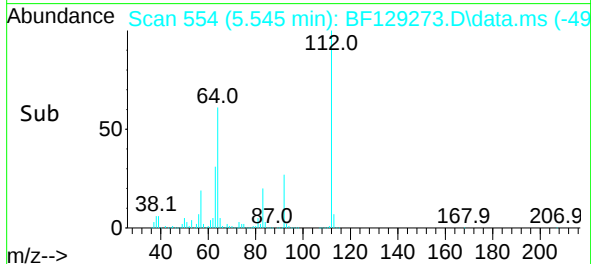
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:112 Resp: 183641
Ion Ratio Lower Upper
112 100
64 60.8 53.3 79.9
63 31.1 28.0 42.0

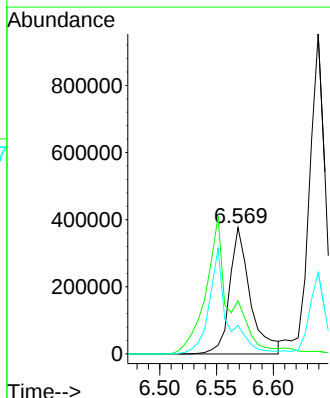
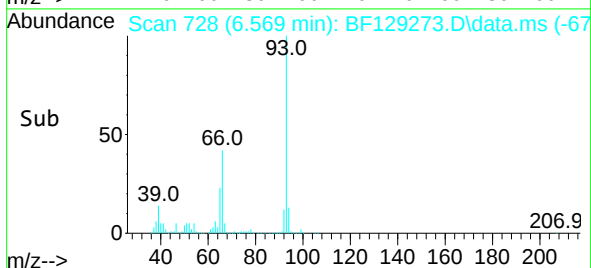
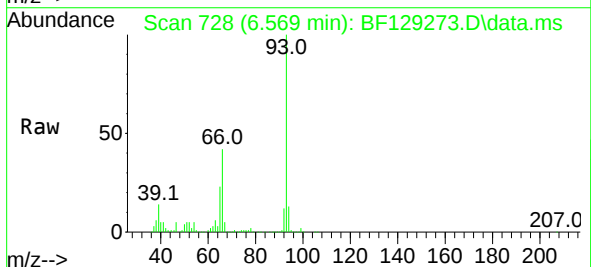
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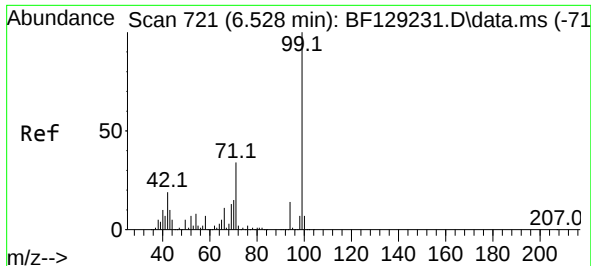
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#6
Aniline
Concen: 20.253 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

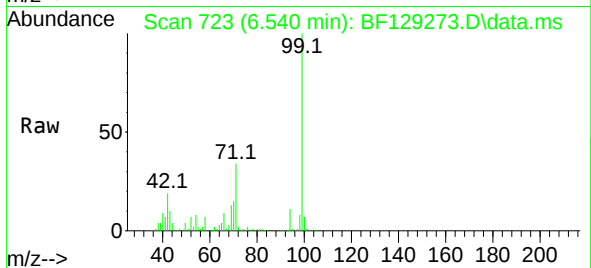
Tgt Ion: 93 Resp: 476630
Ion Ratio Lower Upper
93 100
66 42.0 32.5 48.7
65 22.6 16.4 24.6





#7
Phenol-d6
Concen: 109.625 ng
RT: 6.540 min Scan# 719
Delta R.T. 0.012 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

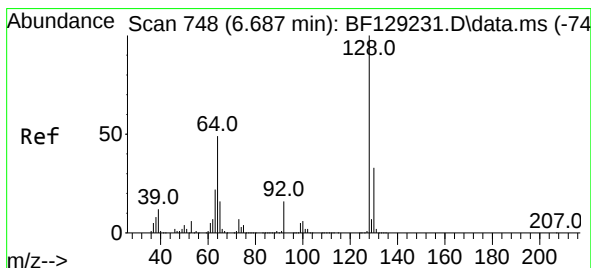
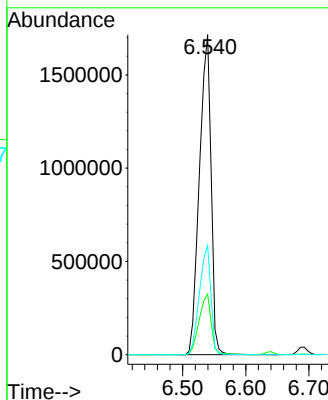
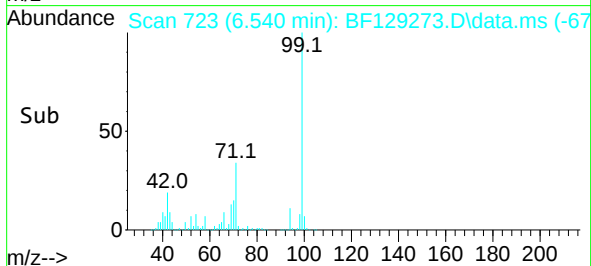
Instrument :
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Tgt Ion: 99 Resp: 219595
Ion Ratio Lower Upper
99 100
42 19.0 17.3 25.9
71 34.1 28.9 43.3

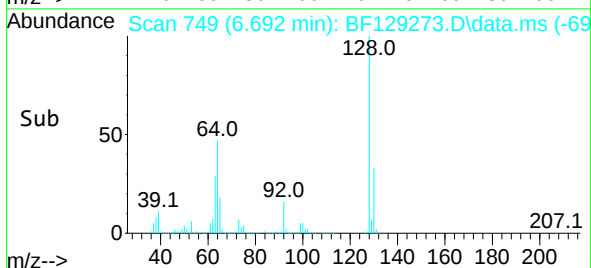
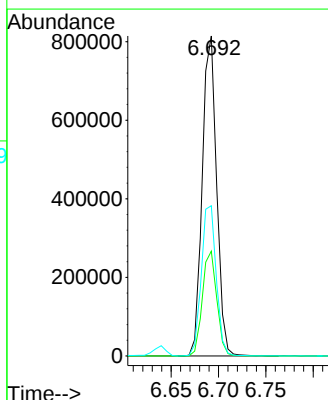
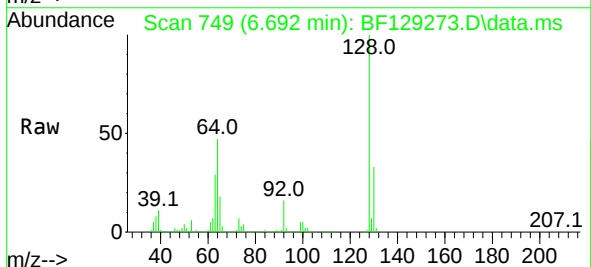
Manual Integrations
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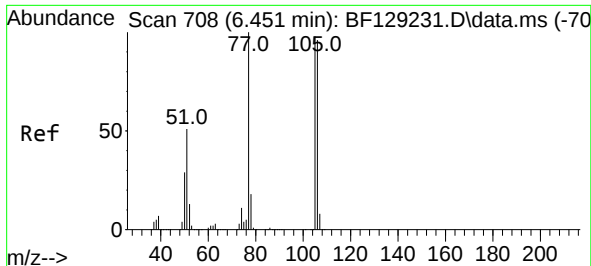
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#8
2-Chlorophenol
Concen: 52.811 ng
RT: 6.692 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

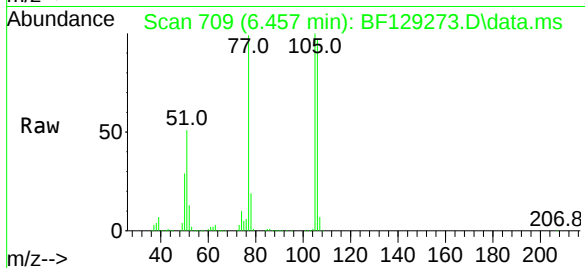
Tgt Ion:128 Resp: 861258
Ion Ratio Lower Upper
128 100
130 32.7 13.1 53.1
64 47.0 30.9 70.9





#9
Benzaldehyde
Concen: 18.795 ng
RT: 6.457 min Scan# 708
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

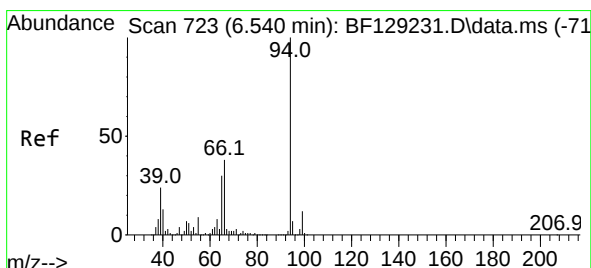
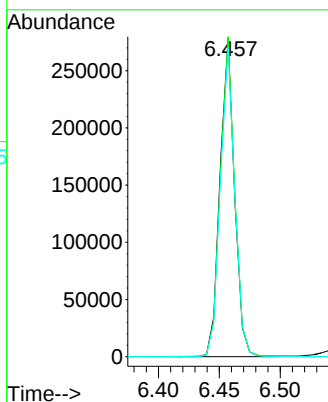
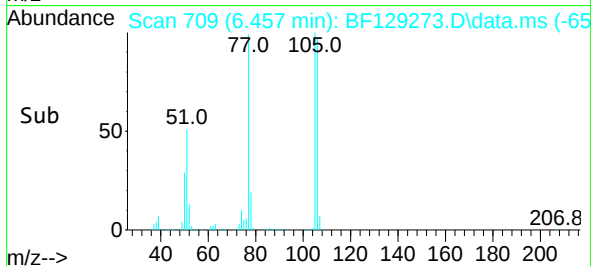
Instrument :
BNA_F
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Tgt Ion: 77 Resp: 23105
Ion Ratio Lower Upper
77 100
105 100.6 81.6 121.6
106 97.3 76.1 116.1

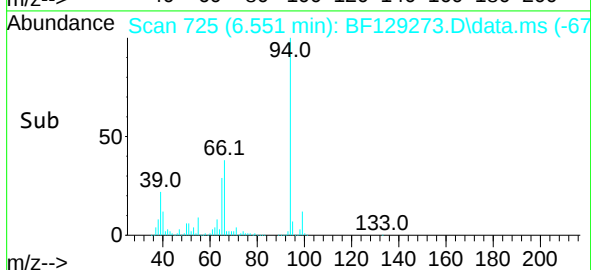
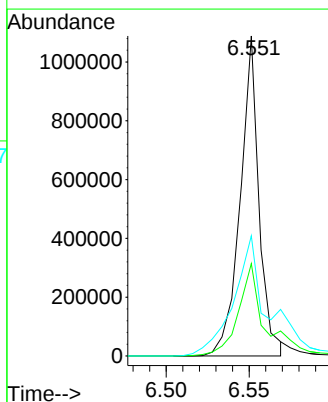
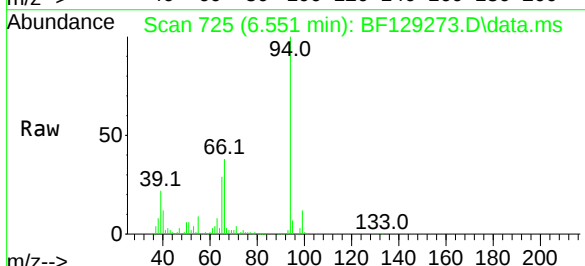
Manual Integrations
APPROVED

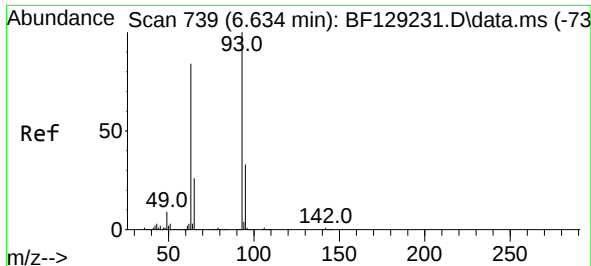
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#10
Phenol
Concen: 42.780 ng m
RT: 6.551 min Scan# 725
Delta R.T. 0.012 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

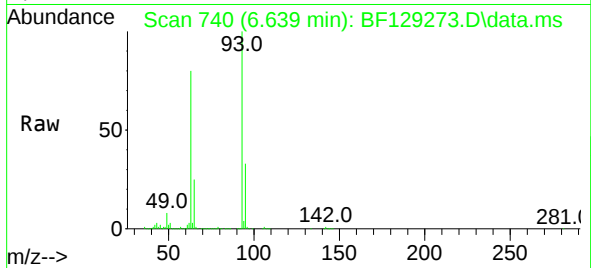
Tgt Ion: 94 Resp: 860807
Ion Ratio Lower Upper
94 100
65 28.9 11.4 51.4
66 37.6 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 52.763 ng
RT: 6.639 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

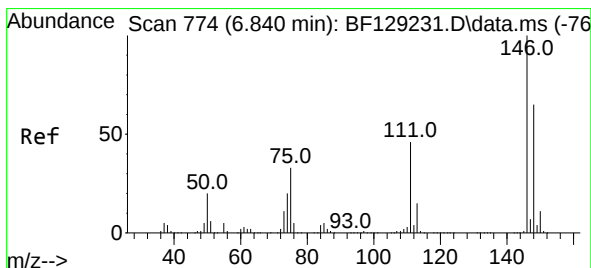
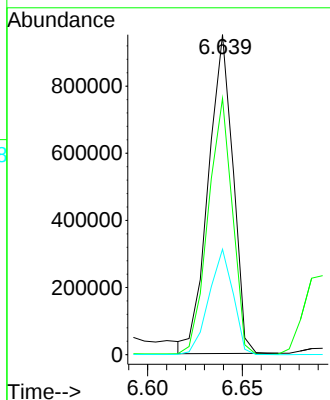
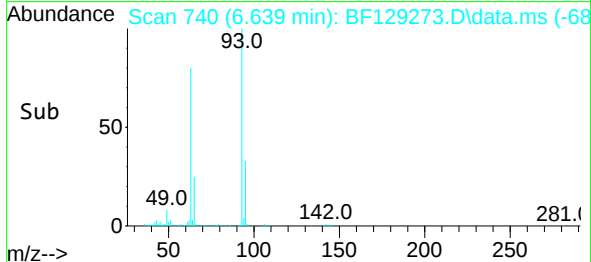
Instrument :
BNA_F
ClientSampleId :
TP-1MS



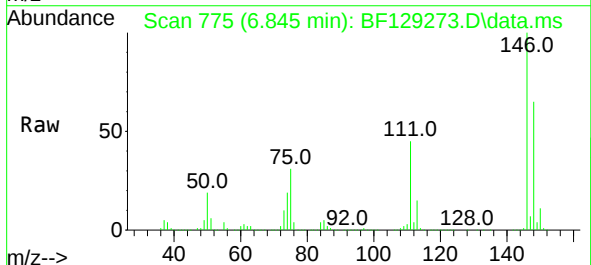
Tgt Ion: 93 Resp: 861052
Ion Ratio Lower Upper
93 100
63 80.1 67.4 107.4
95 33.0 12.7 52.7

Manual Integrations
APPROVED

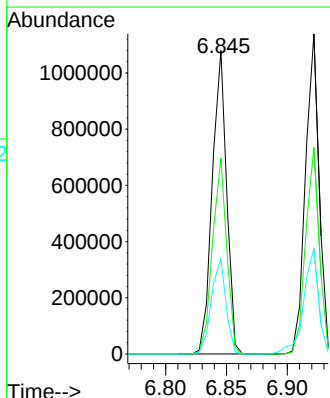
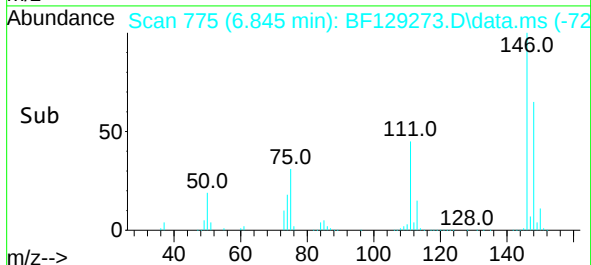
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

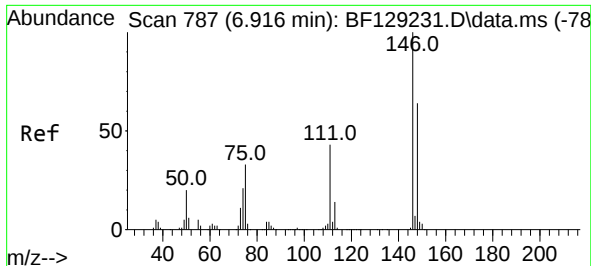


#12
1,3-Dichlorobenzene
Concen: 51.127 ng
RT: 6.845 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



Tgt Ion:146 Resp: 886697
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 31.4 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 50.801 ng

RT: 6.922 min Scan# 787

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

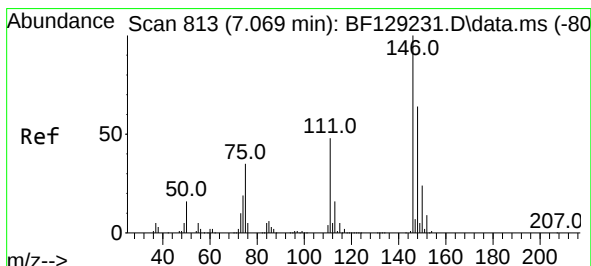
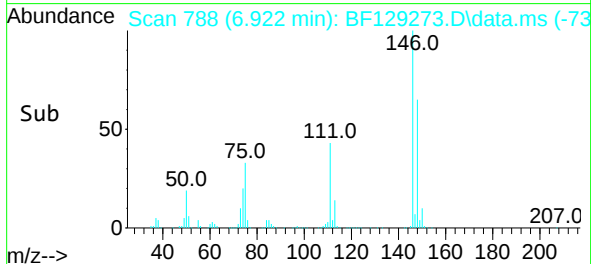
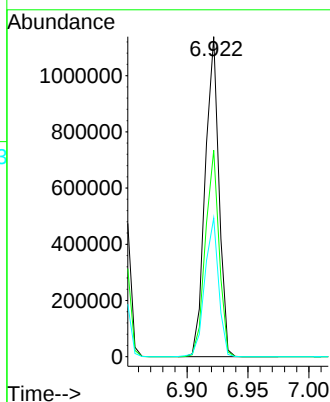
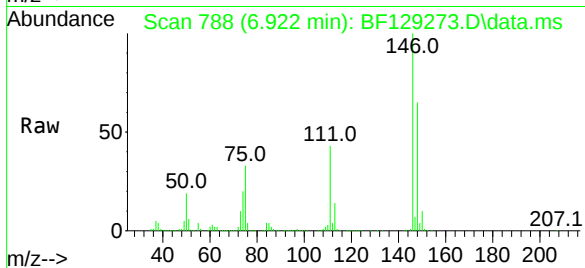
TP-1MS

Tgt Ion:146 Resp: 891111
 Ion Ratio Lower Upper
 146 100
 148 64.5 51.1 76.7
 111 43.4 34.2 51.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/19/2022
 Supervised By :Jagrut Upadhyay 07/19/2022



#14

1,2-Dichlorobenzene

Concen: 51.856 ng

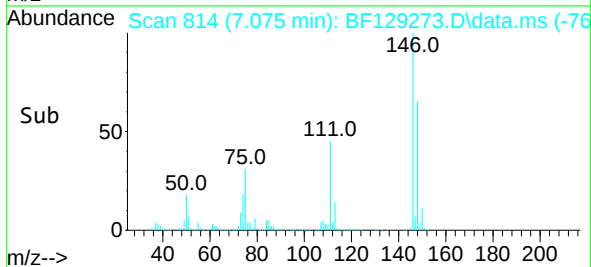
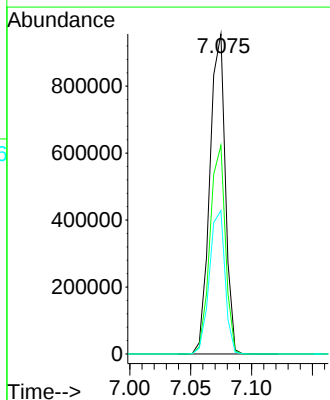
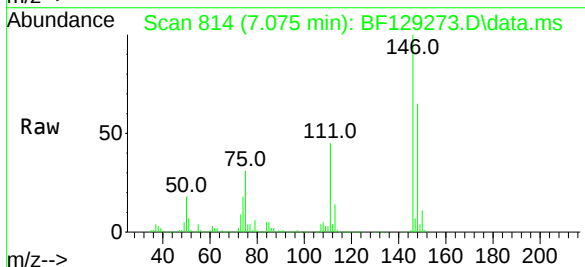
RT: 7.075 min Scan# 814

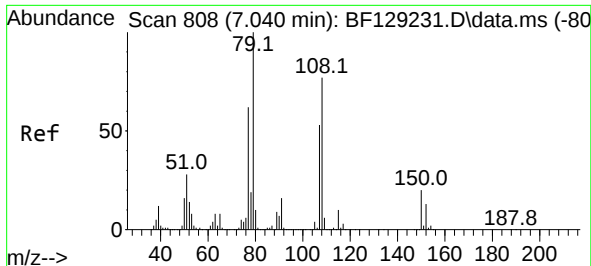
Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

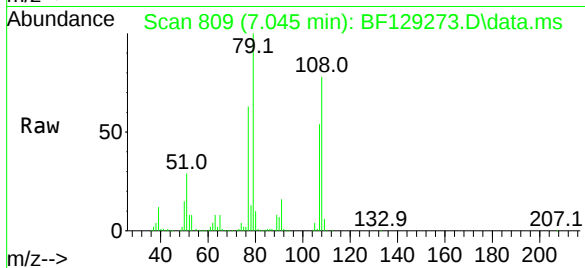
Tgt Ion:146 Resp: 847861
 Ion Ratio Lower Upper
 146 100
 148 65.2 51.8 77.8
 111 44.8 35.1 52.7





#15
Benzyl Alcohol
Concen: 55.309 ng
RT: 7.045 min Scan# 808
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

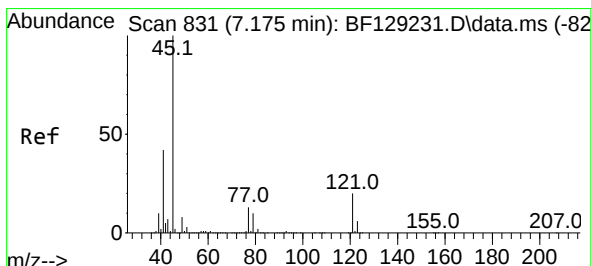
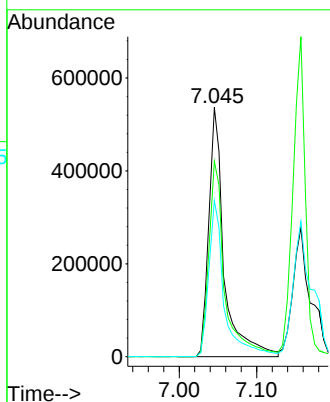
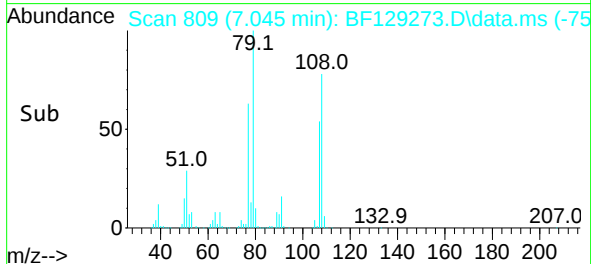
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 79 Resp: 737849
Ion Ratio Lower Upper
79 100
108 78.4 61.8 92.6
77 62.6 50.2 75.4

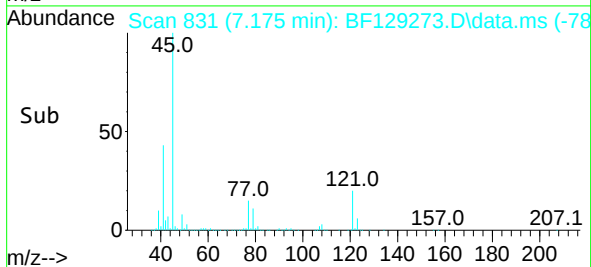
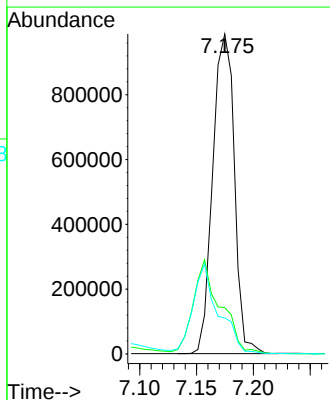
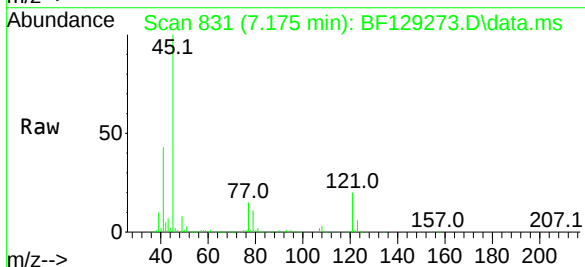
Manual Integrations
APPROVED

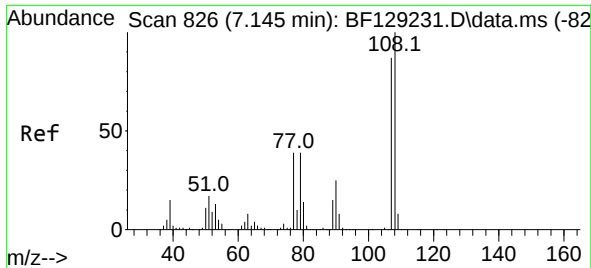
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.207 ng
RT: 7.175 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

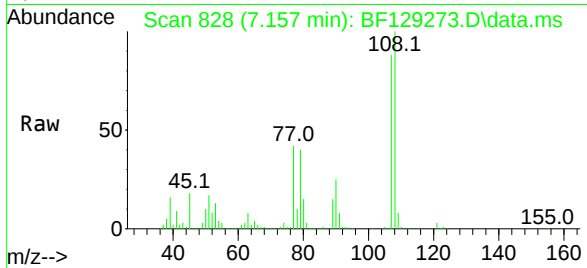
Tgt Ion: 45 Resp: 1305549
Ion Ratio Lower Upper
45 100
77 14.5 0.0 31.3
79 11.2 0.0 28.3





#17
2-Methylphenol
Concen: 49.184 ng
RT: 7.157 min Scan# 81
Delta R.T. 0.012 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

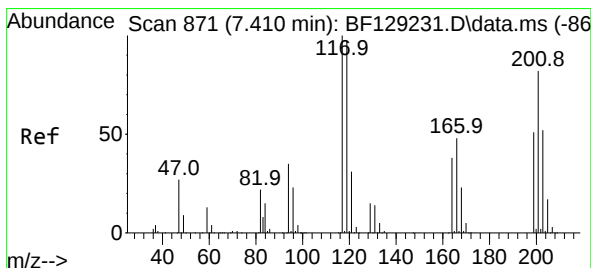
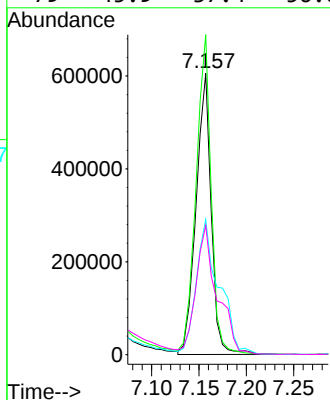
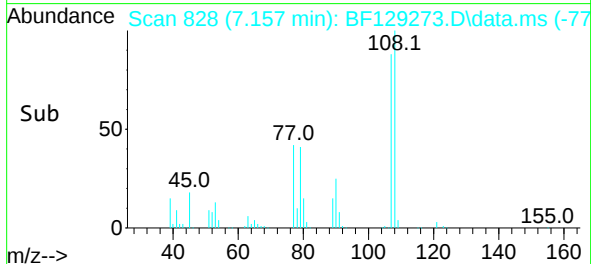
Instrument :
BNA_F
ClientSampleId :
TP-1MS



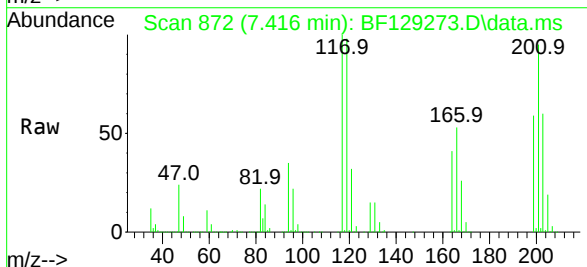
Tgt Ion:107 Resp: 674230
Ion Ratio Lower Upper
107 100
108 113.7 91.9 137.9
77 48.0 37.8 56.8
79 45.9 37.4 56.0

Manual Integrations
APPROVED

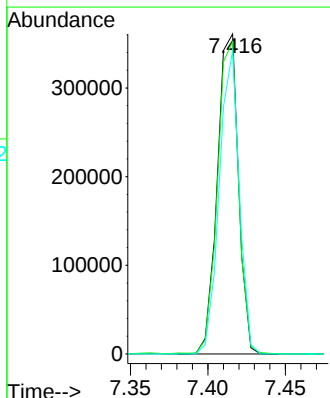
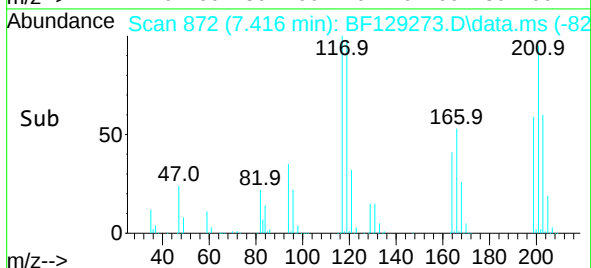
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

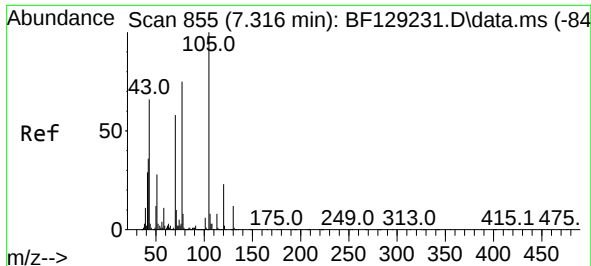


#18
Hexachloroethane
Concen: 52.079 ng
RT: 7.416 min Scan# 872
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



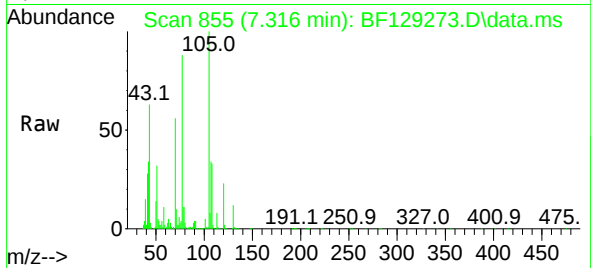
Tgt Ion:117 Resp: 341339
Ion Ratio Lower Upper
117 100
119 97.6 77.4 116.2
201 94.9 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 49.558 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

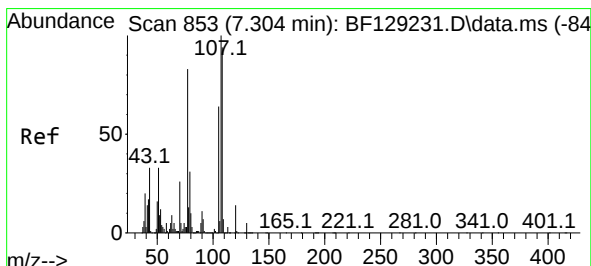
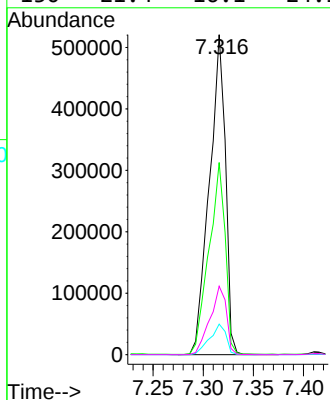
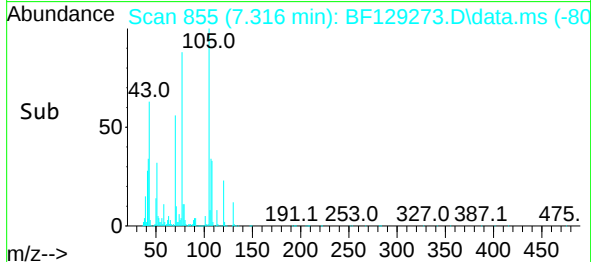
Instrument :
BNA_F
ClientSampleId :
TP-1MS



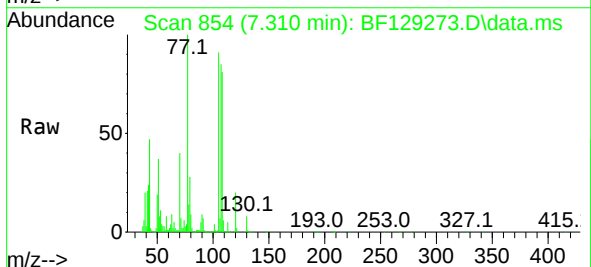
Tgt Ion: 70 Resp: 58390
Ion Ratio Lower Upper
70 100
42 60.1 52.3 78.5
101 9.5 7.5 11.3
130 21.4 16.1 24.1

Manual Integrations
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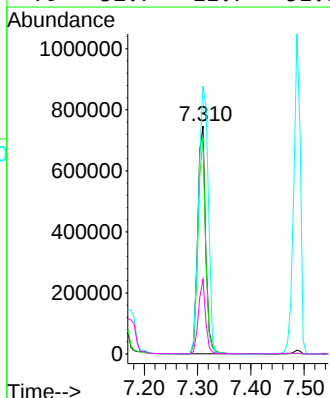
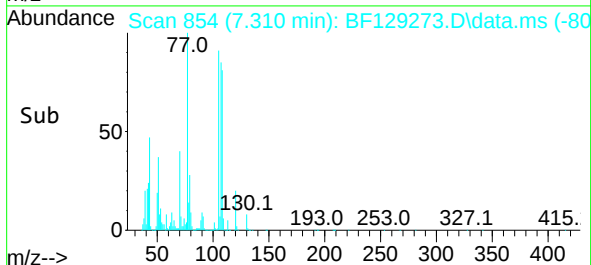
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

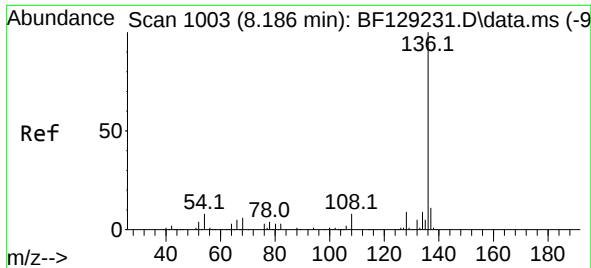


#20
3+4-Methylphenols
Concen: 45.587 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



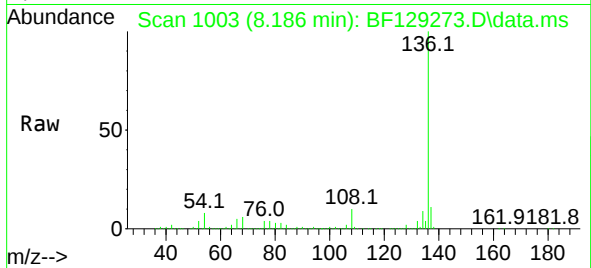
Tgt Ion:107 Resp: 768070
Ion Ratio Lower Upper
107 100
108 94.8 71.8 111.8
77 117.6 59.3 99.3#
79 32.7 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

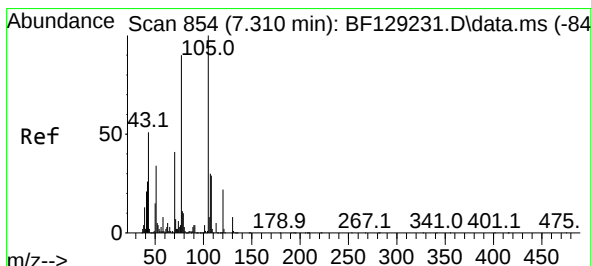
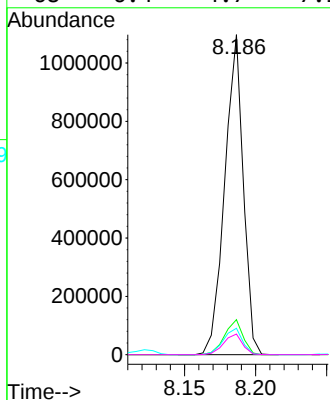
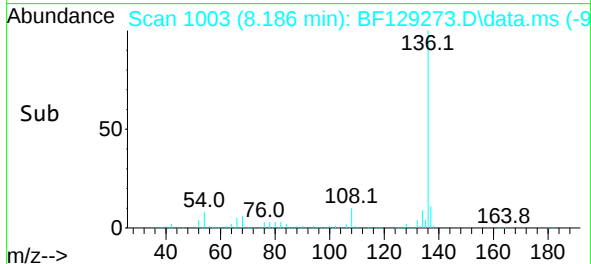
Instrument :
BNA_F
ClientSampleId :
TP-1MS



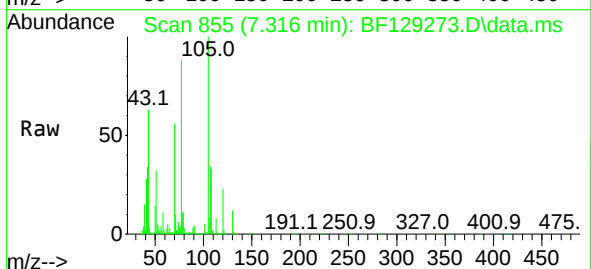
Tgt Ion:136 Resp: 995140
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.2 7.5 11.3
68 6.4 4.7 7.1

Manual Integrations
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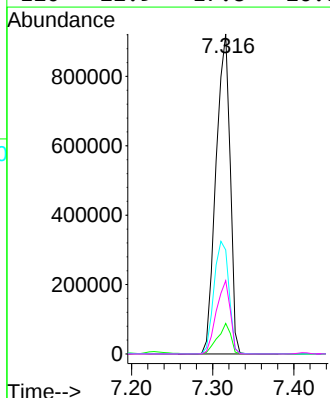
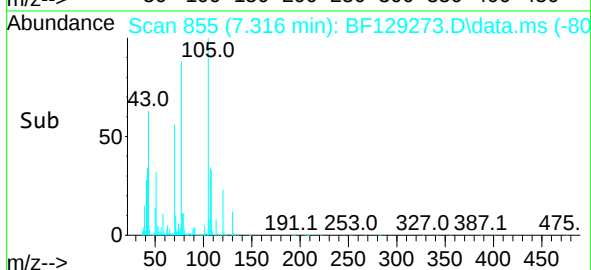
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

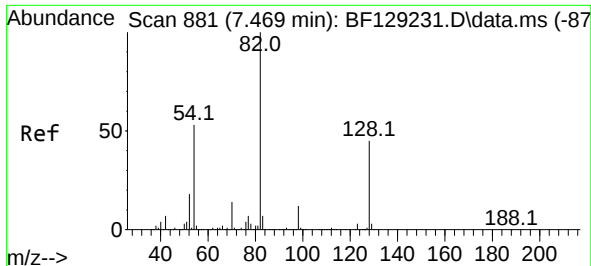


#22
Acetophenone
Concen: 48.626 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



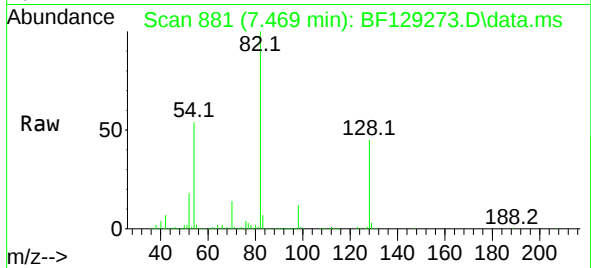
Tgt Ion:105 Resp: 1116697
Ion Ratio Lower Upper
105 100
71 9.6 5.0 7.4#
51 32.5 25.0 37.4
120 22.9 17.8 26.8





#23
Nitrobenzene-d5
Concen: 89.258 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

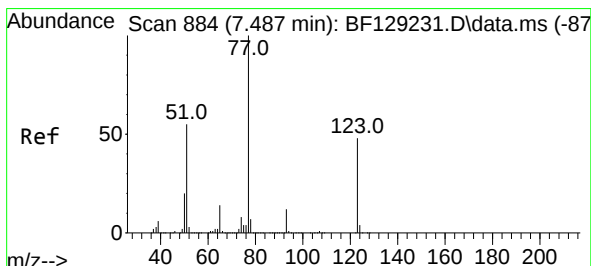
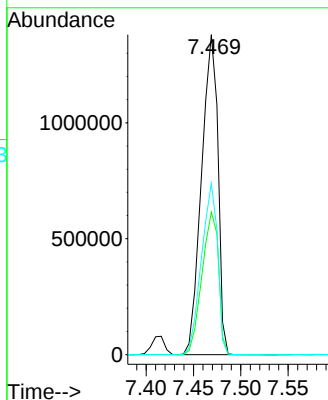
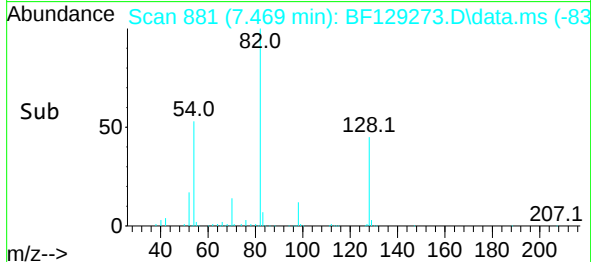
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 82 Resp: 166167
Ion Ratio Lower Upper
82 100
128 44.6 34.0 51.0
54 53.5 46.9 70.3

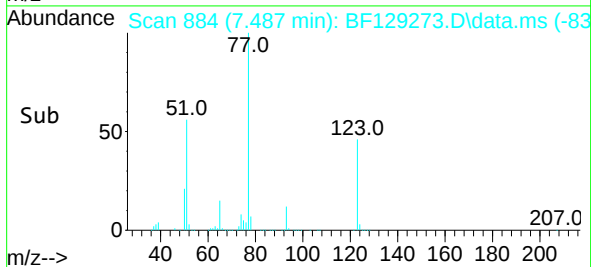
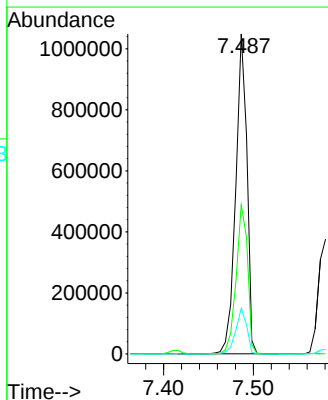
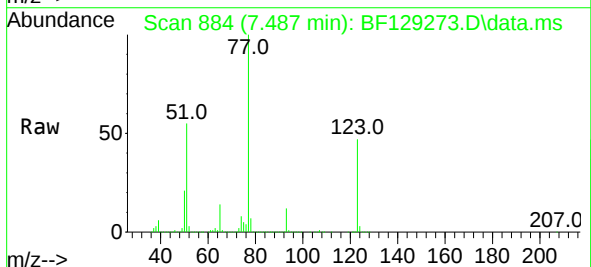
Manual Integrations
APPROVED

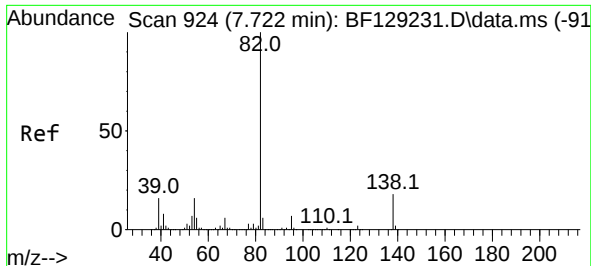
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#24
Nitrobenzene
Concen: 51.358 ng
RT: 7.487 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

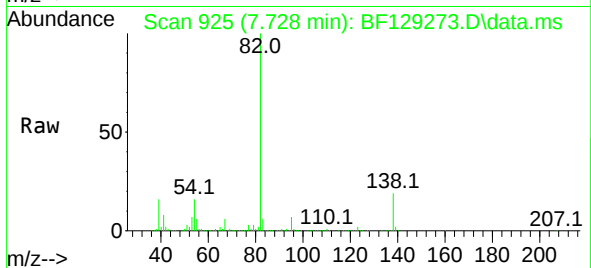
Tgt Ion: 77 Resp: 909521
Ion Ratio Lower Upper
77 100
123 46.6 35.4 53.2
65 14.2 11.8 17.8





#25
Isophorone
Concen: 54.352 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

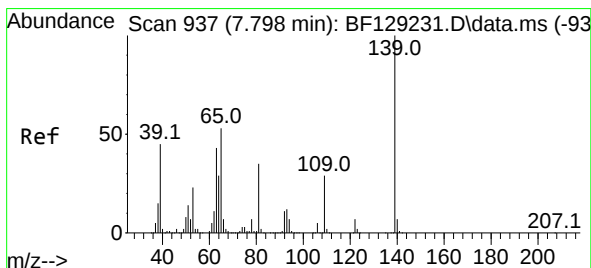
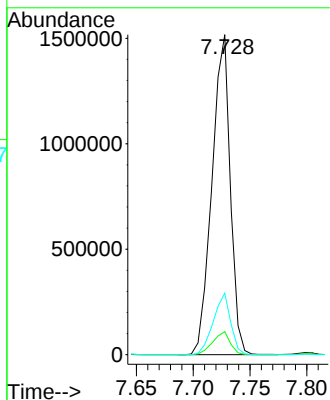
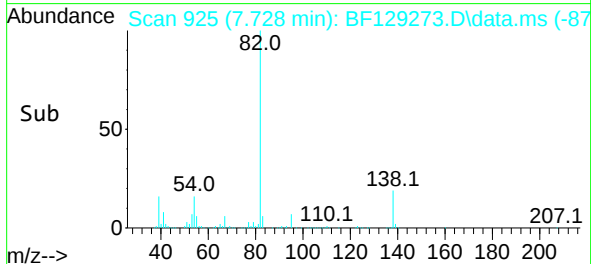
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 82 Resp: 170059
Ion Ratio Lower Upper
82 100
95 7.2 5.7 8.5
138 19.2 14.2 21.2

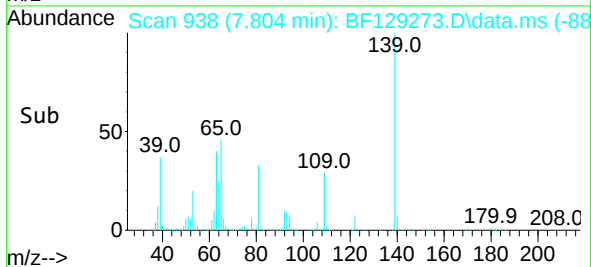
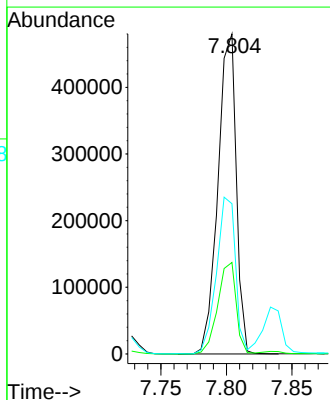
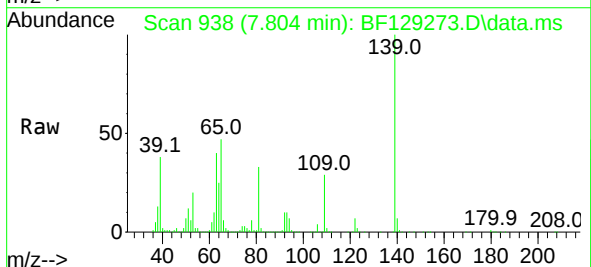
Manual Integrations
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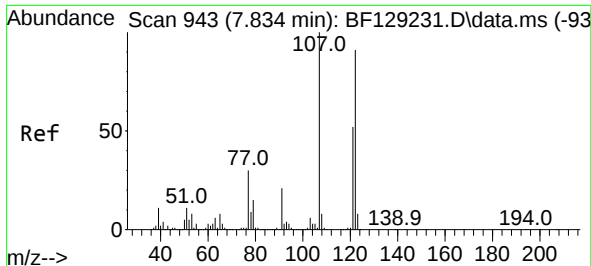
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#26
2-Nitrophenol
Concen: 52.366 ng
RT: 7.804 min Scan# 938
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:139 Resp: 465832
Ion Ratio Lower Upper
139 100
109 28.6 25.0 37.4
65 46.9 45.1 67.7





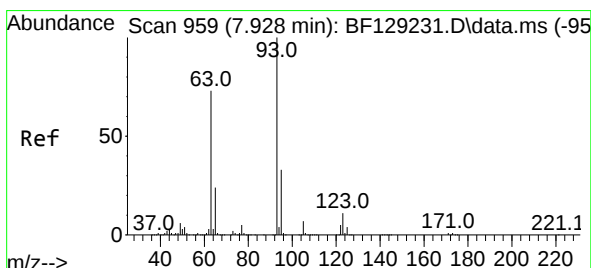
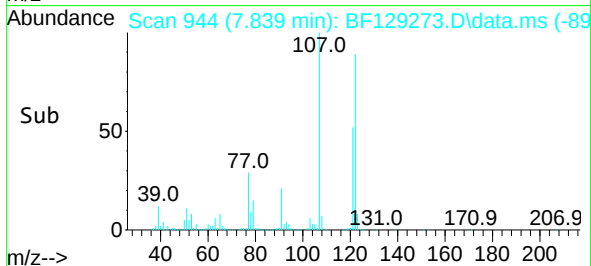
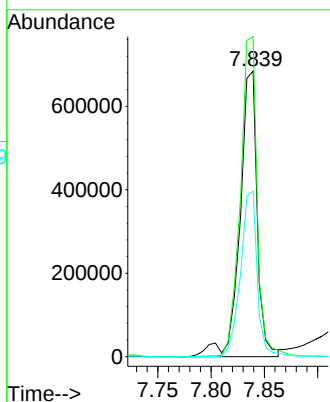
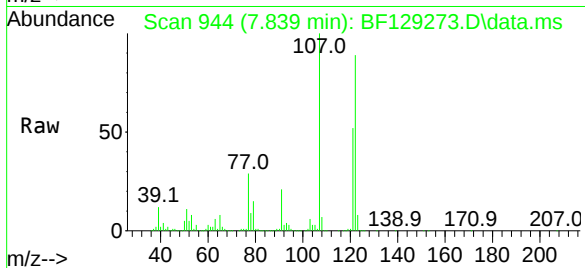
#27
2,4-Dimethylphenol
Concen: 56.165 ng
RT: 7.839 min Scan# 943
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:122 Resp: 77690
Ion Ratio Lower Upper
122 100
107 112.1 93.0 139.6
121 58.0 46.6 70.0

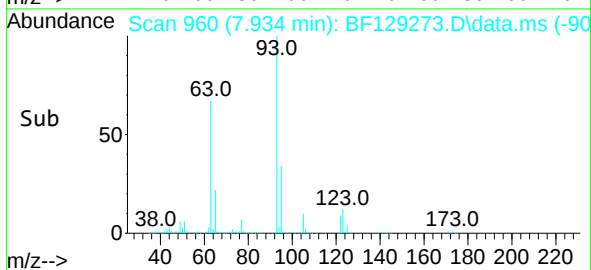
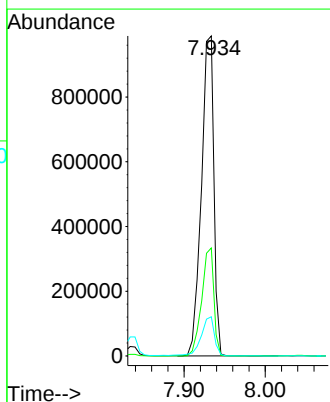
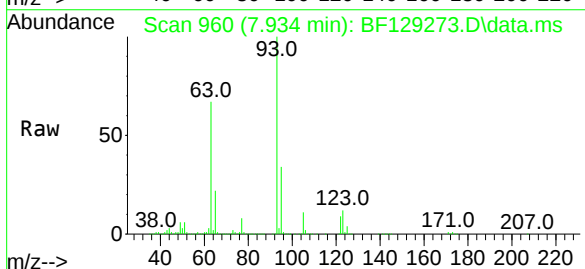
Manual Integrations
APPROVED

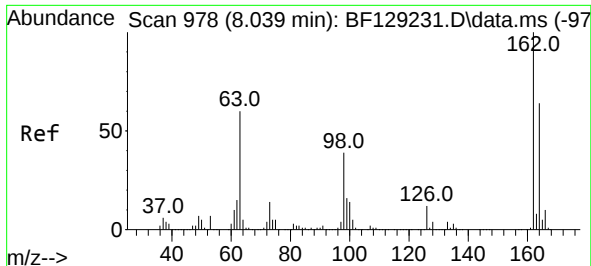
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#28
bis(2-Chloroethoxy)methane
Concen: 50.564 ng
RT: 7.934 min Scan# 960
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion: 93 Resp: 1053836
Ion Ratio Lower Upper
93 100
95 33.7 26.8 40.2
123 12.2 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 50.327 ng

RT: 8.045 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF129273.D

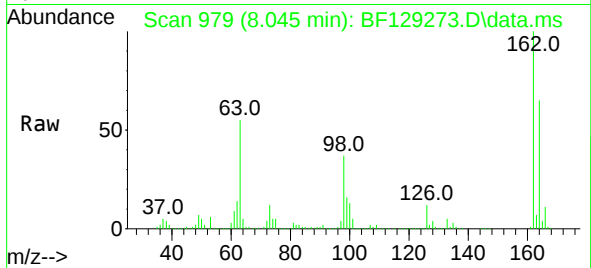
Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

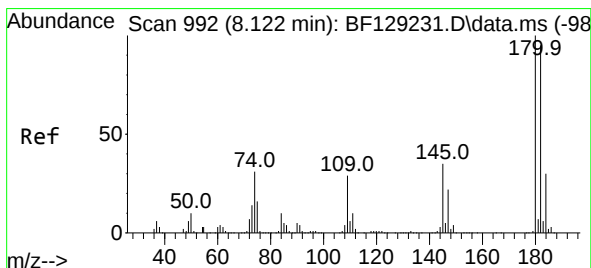
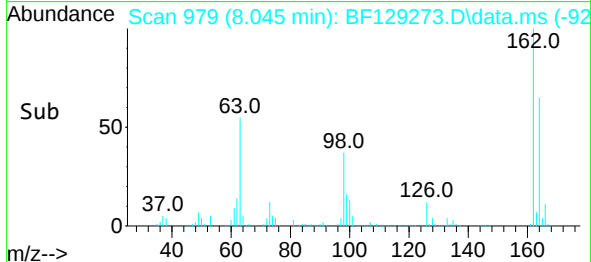
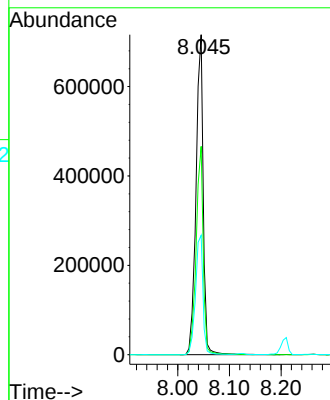


Tgt Ion:	162	Resp:	69207
Ion Ratio	Lower	Upper	
162	100		
164	65.1	44.2	84.2
98	37.3	19.6	59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#30

1,2,4-Trichlorobenzene

Concen: 49.259 ng

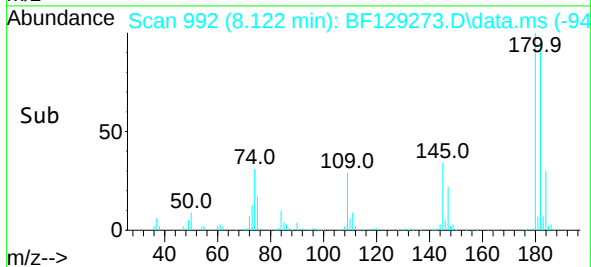
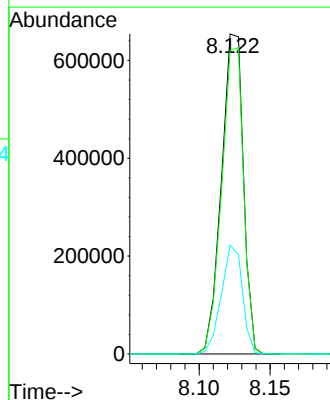
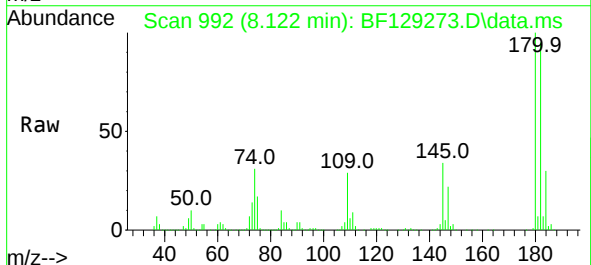
RT: 8.122 min Scan# 992

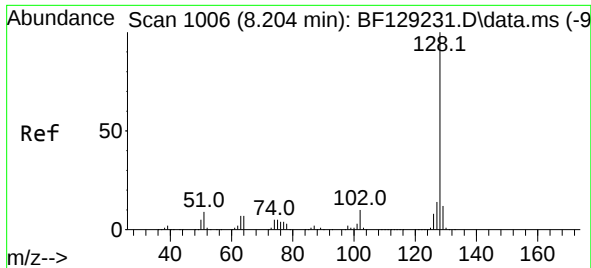
Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

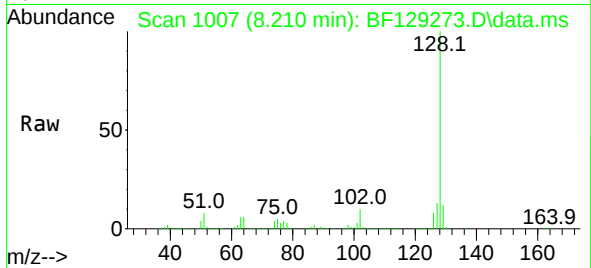
Tgt Ion:	180	Resp:	702880
Ion Ratio	Lower	Upper	
180	100		
182	94.9	79.2	118.8
145	34.1	26.2	39.2





#31
Naphthalene
Concen: 49.661 ng
RT: 8.210 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

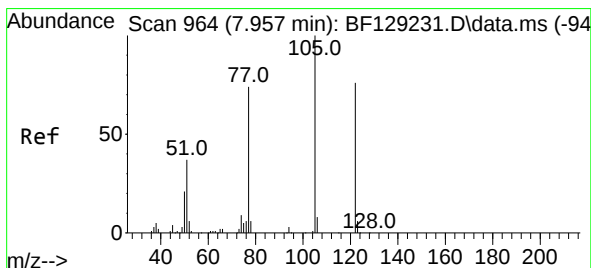
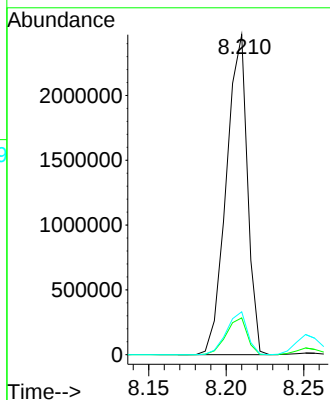
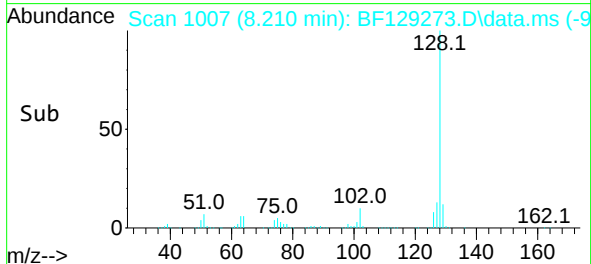
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:128 Resp: 234144
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.4 10.5 15.7

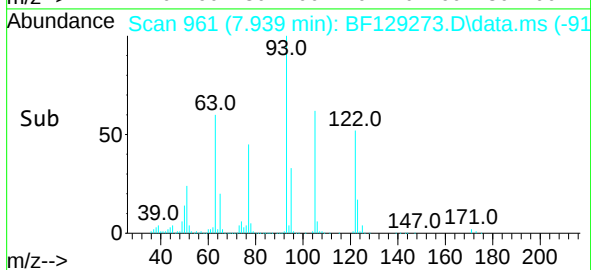
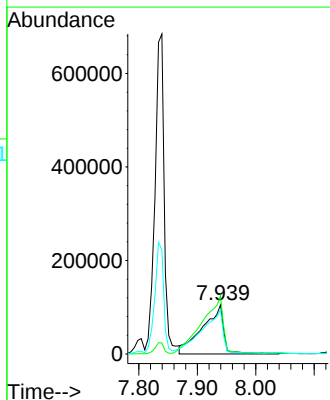
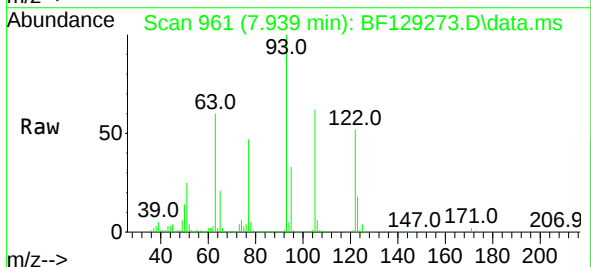
Manual Integrations
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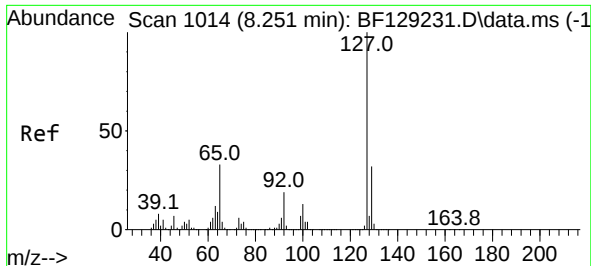
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#32
Benzoic acid
Concen: 24.739 ng m
RT: 7.939 min Scan# 961
Delta R.T. -0.018 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

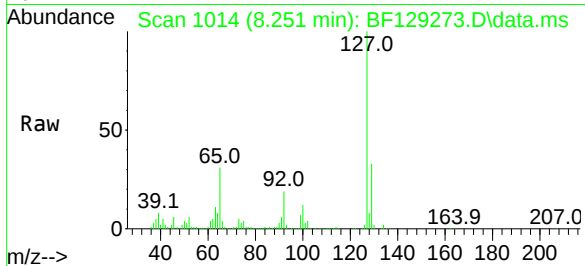
Tgt Ion:122 Resp: 265772
Ion Ratio Lower Upper
122 100
105 119.0 107.1 147.1
77 90.5 74.2 114.2





#33
4-Chloroaniline
Concen: 11.250 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

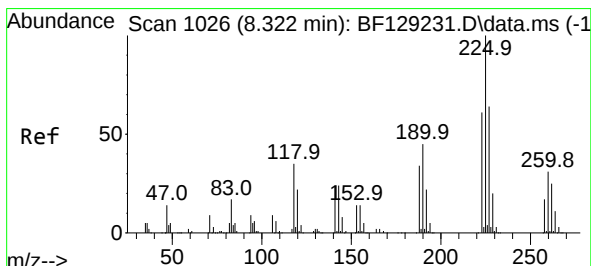
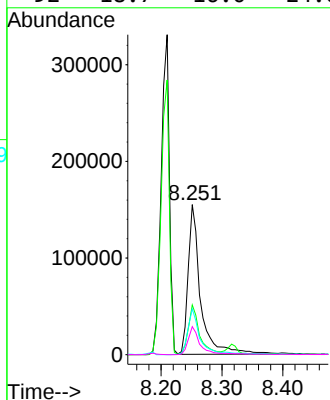
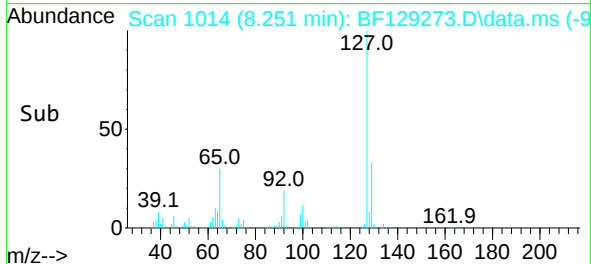
Instrument :
BNA_F
ClientSampleId :
TP-1MS



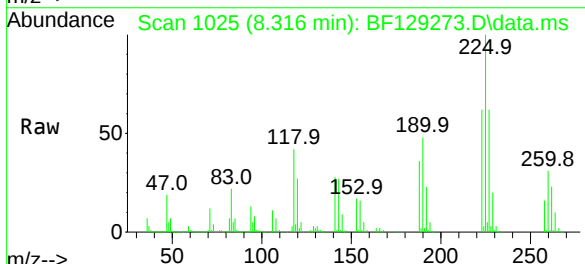
Tgt Ion:127 Resp: 219972
Ion Ratio Lower Upper
127 100
129 33.2 26.4 39.6
65 30.5 26.4 39.6
92 18.7 16.0 24.0

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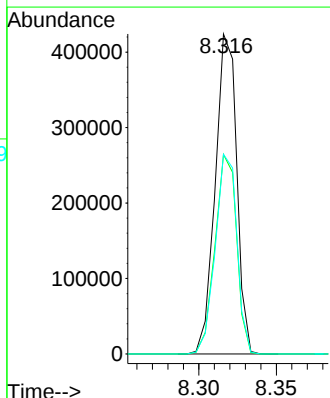
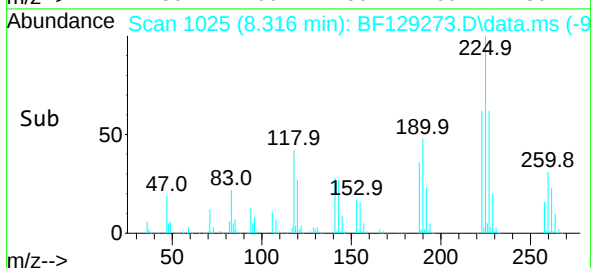
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

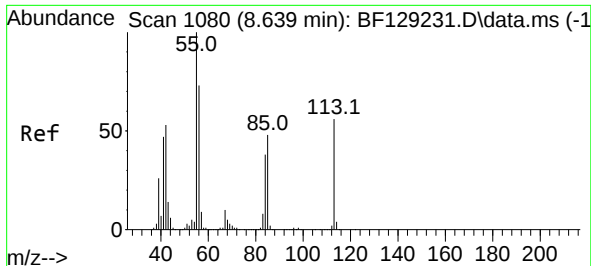


#34
Hexachlorobutadiene
Concen: 50.807 ng
RT: 8.316 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



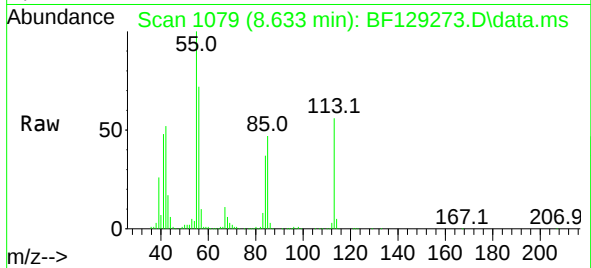
Tgt Ion:225 Resp: 407858
Ion Ratio Lower Upper
225 100
223 62.4 51.0 76.6
227 62.4 51.1 76.7





#35
 Caprolactam
 Concen: 39.152 ng m
 RT: 8.633 min Scan# 1080
 Delta R.T. -0.006 min
 Lab File: BF129273.D
 Acq: 18 Jul 2022 18:07

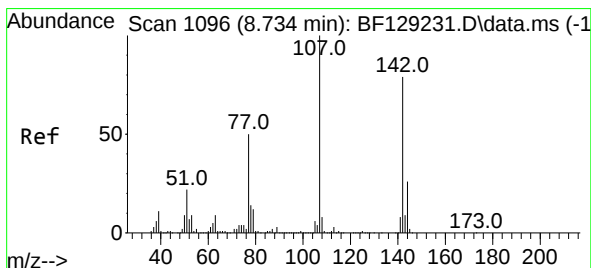
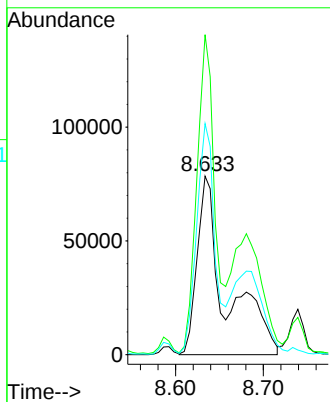
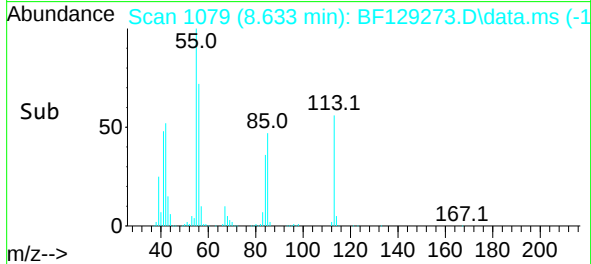
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS



Tgt Ion:113 Resp: 17884
 Ion Ratio Lower Upper
 113 100
 55 179.3 188.5 228.5
 56 129.4 130.6 170.6

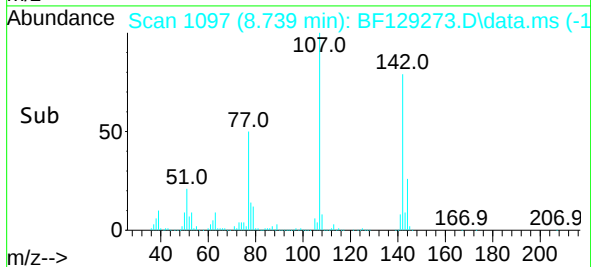
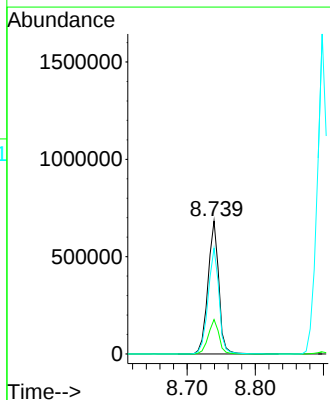
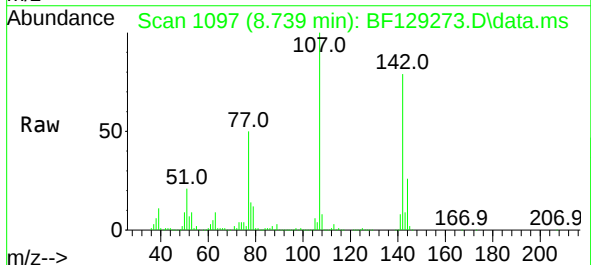
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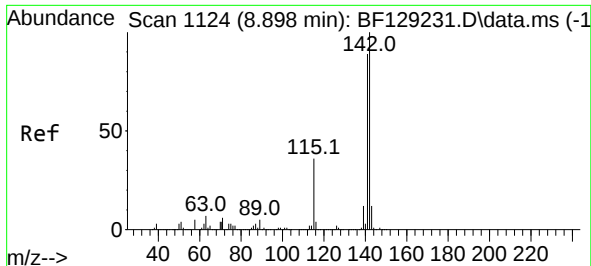
Reviewed By :Christian Giraldo 07/19/2022
 Supervised By :Jagrut Upadhyay 07/19/2022



#36
 4-Chloro-3-methylphenol
 Concen: 50.371 ng
 RT: 8.739 min Scan# 1097
 Delta R.T. 0.006 min
 Lab File: BF129273.D
 Acq: 18 Jul 2022 18:07

Tgt Ion:107 Resp: 755635
 Ion Ratio Lower Upper
 107 100
 144 25.9 19.5 29.3
 142 79.5 58.2 87.4





#37

2-Methylnaphthalene

Concen: 51.287 ng

RT: 8.898 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:142 Resp: 1576070

Ion Ratio Lower Upper

142 100

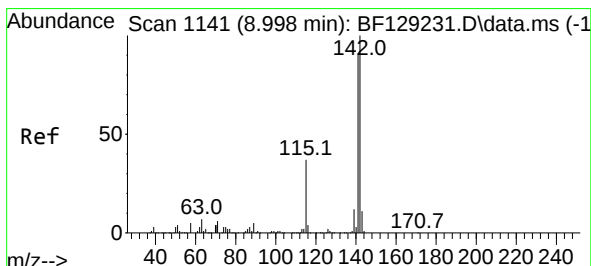
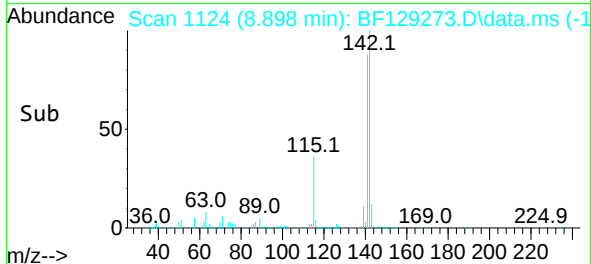
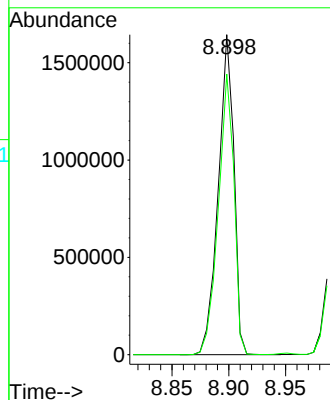
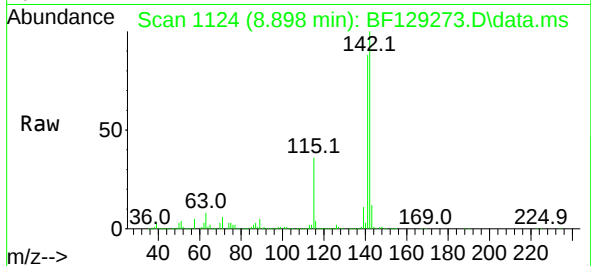
141 87.7 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#38

1-Methylnaphthalene

Concen: 50.093 ng

RT: 8.998 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF129273.D

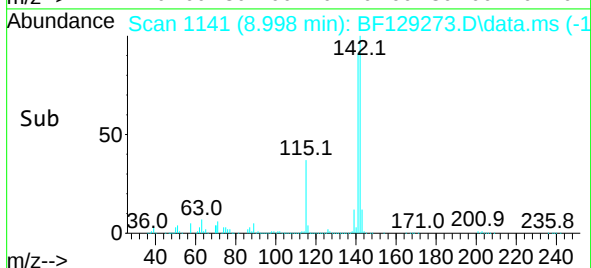
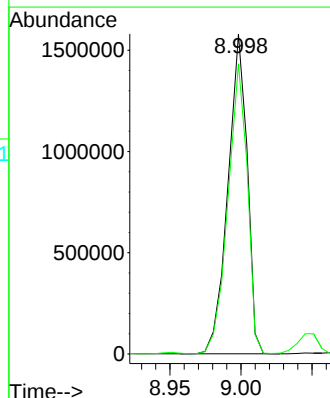
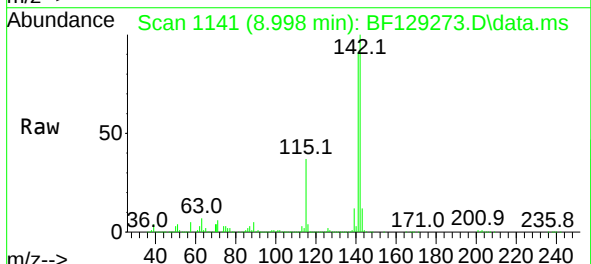
Acq: 18 Jul 2022 18:07

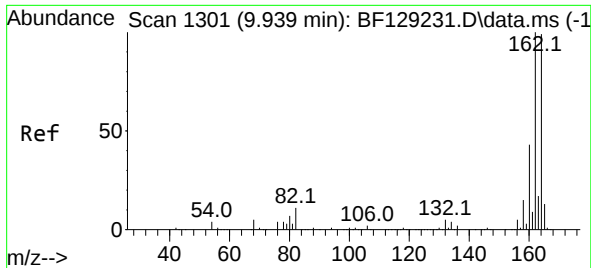
Tgt Ion:142 Resp: 1488712

Ion Ratio Lower Upper

142 100

141 90.6 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1130

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

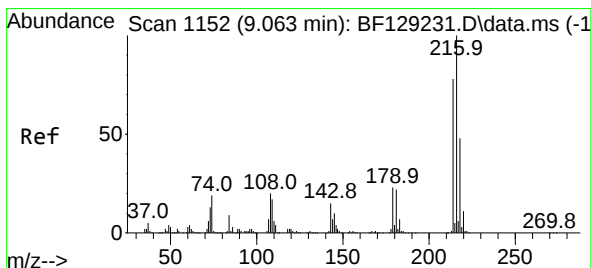
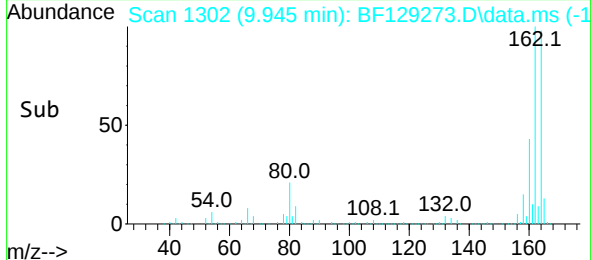
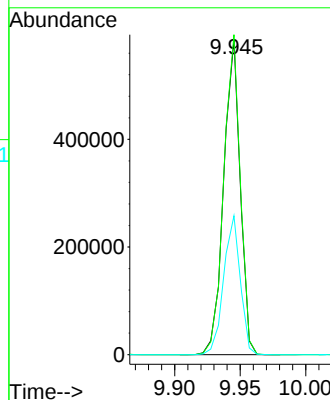
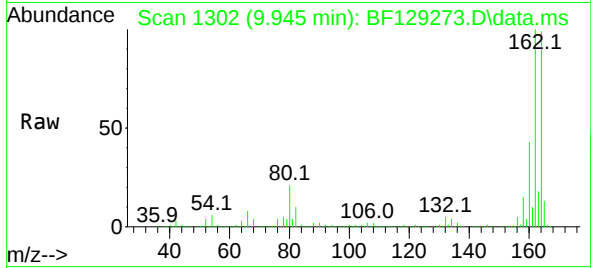
TP-1MS

Tgt Ion:164	Resp: 511364
Ion Ratio	Lower Upper
164	100
162	101.4 79.5 119.3
160	44.0 34.2 51.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.228 ng

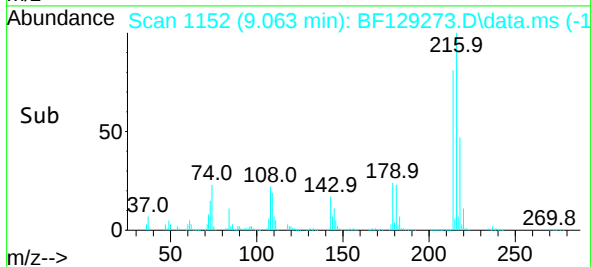
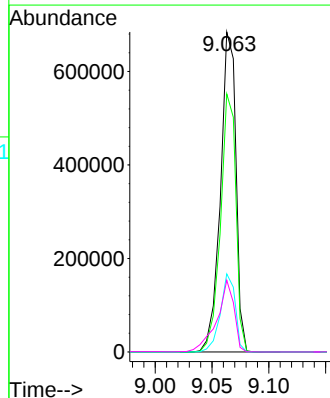
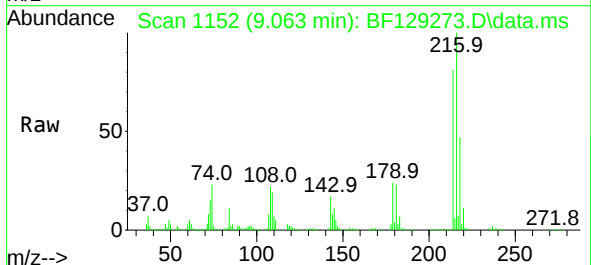
RT: 9.063 min Scan# 1152

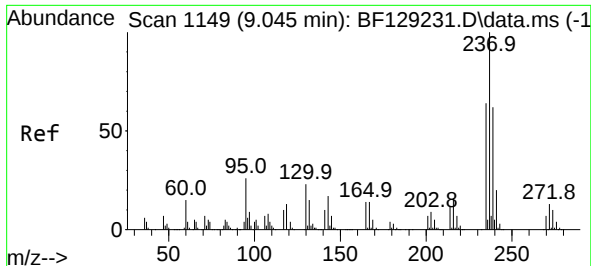
Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

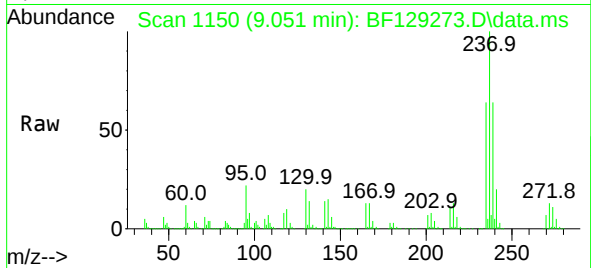
Tgt Ion:216	Resp: 651296
Ion Ratio	Lower Upper
216	100
214	80.1 63.6 95.4
179	23.4 17.0 25.6
108	24.9 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 110.567 ng
RT: 9.051 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

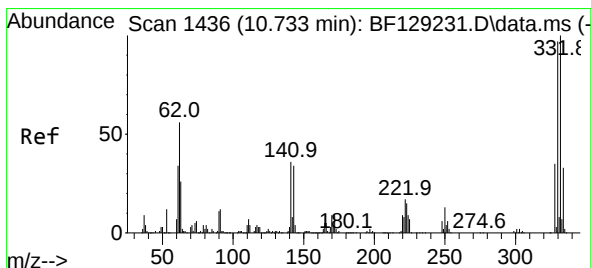
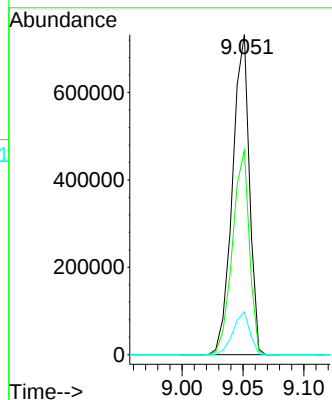
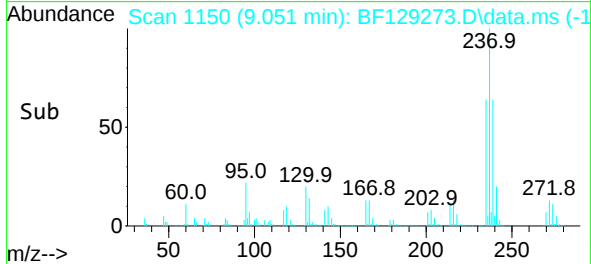
Instrument :
BNA_F
ClientSampleId :
TP-1MS



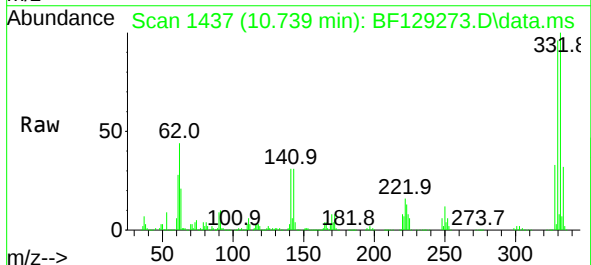
Tgt Ion:237 Resp: 707390
Ion Ratio Lower Upper
237 100
235 64.0 43.2 83.2
272 13.4 0.0 31.9

Manual Integrations
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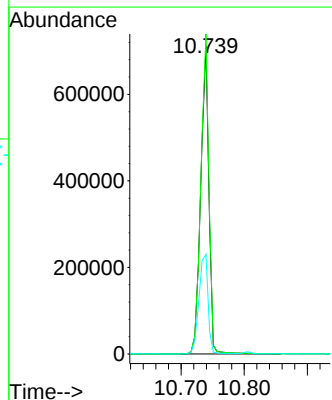
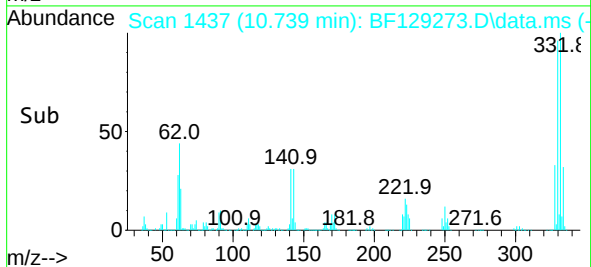
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

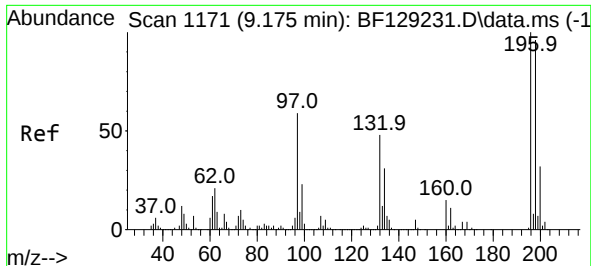


#42
2,4,6-Tribromophenol
Concen: 134.766 ng
RT: 10.739 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



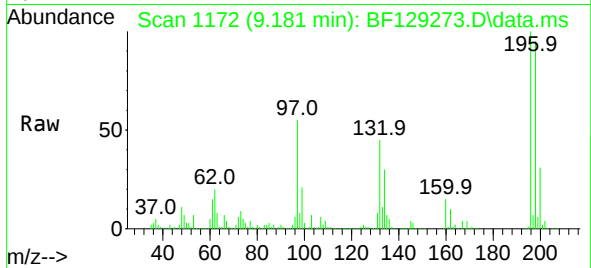
Tgt Ion:330 Resp: 639644
Ion Ratio Lower Upper
330 100
332 103.2 76.8 115.2
141 36.3 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 51.373 ng
RT: 9.181 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

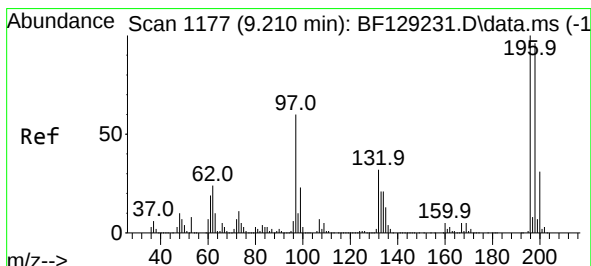
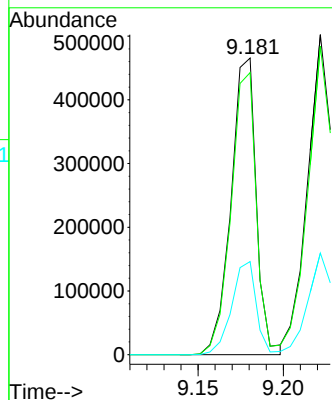
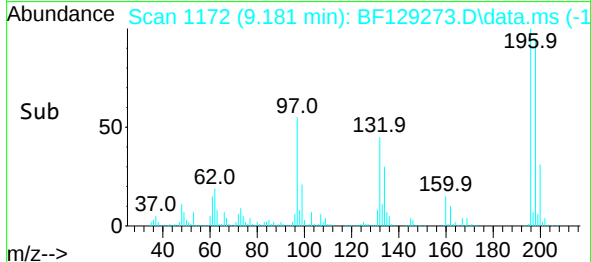
Instrument :
BNA_F
ClientSampleId :
TP-1MS



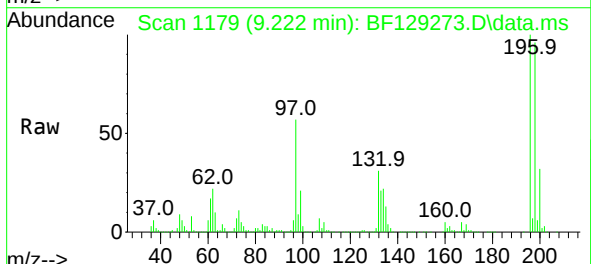
Tgt Ion:196 Resp: 48095
Ion Ratio Lower Upper
196 100
198 95.1 74.0 111.0
200 31.4 24.1 36.1

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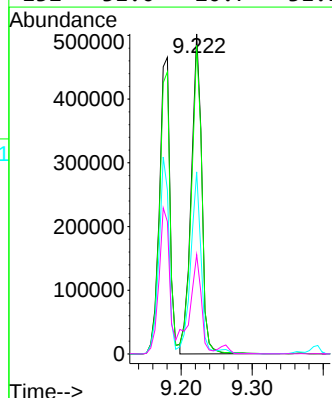
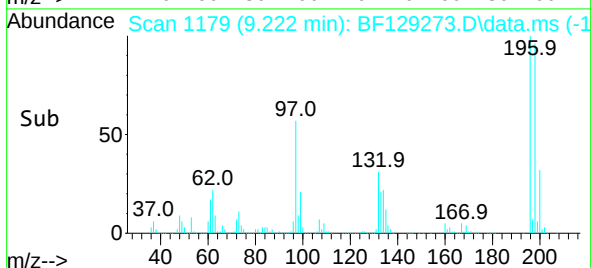
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

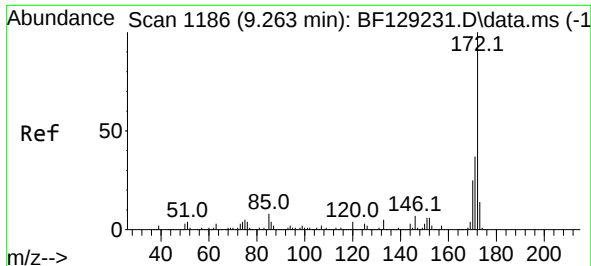


#44
2,4,5-Trichlorophenol
Concen: 52.073 ng
RT: 9.222 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



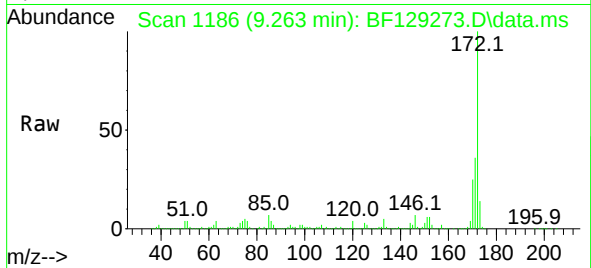
Tgt Ion:196 Resp: 515668
Ion Ratio Lower Upper
196 100
198 96.4 75.7 113.5
97 56.9 36.4 54.6#
132 31.0 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 91.404 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

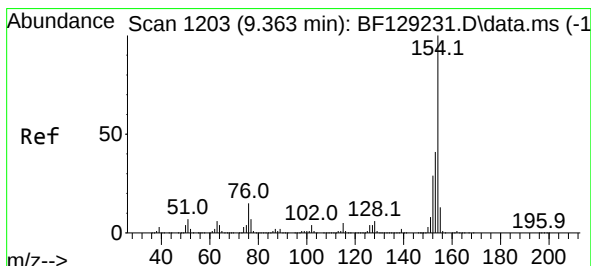
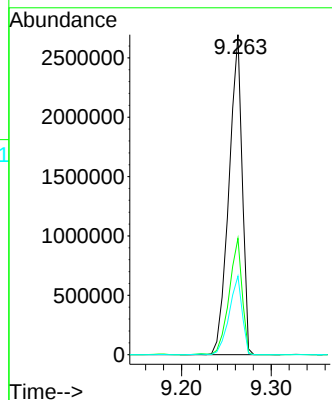
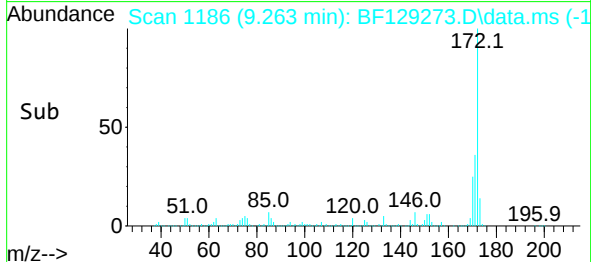
Instrument :
BNA_F
ClientSampleId :
TP-1MS



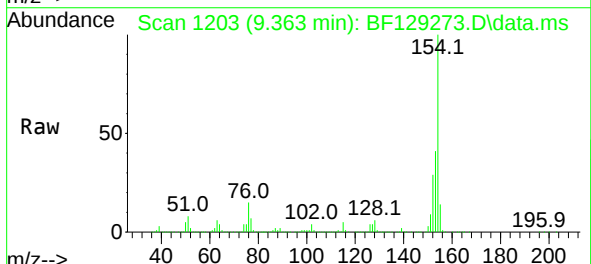
Tgt Ion:172 Resp: 275885
Ion Ratio Lower Upper
172 100
171 36.3 28.8 43.2
170 24.6 19.8 29.8

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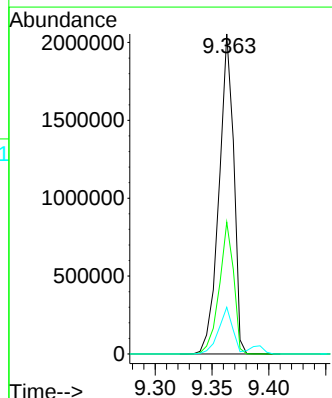
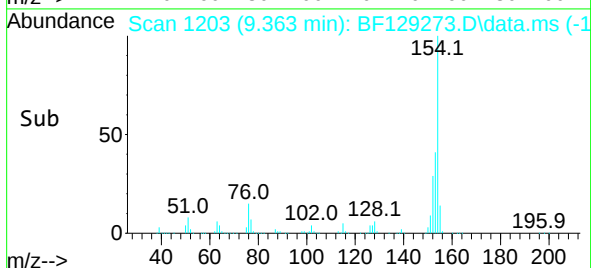
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

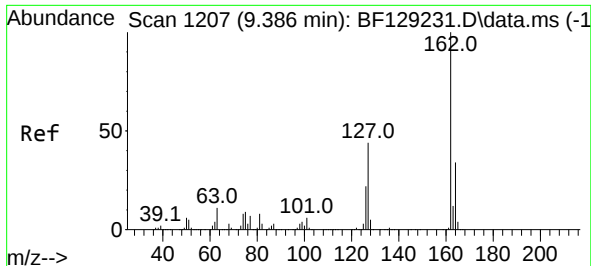


#46
1,1'-Biphenyl
Concen: 51.137 ng
RT: 9.363 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



Tgt Ion:154 Resp: 1849549
Ion Ratio Lower Upper
154 100
153 41.2 20.6 60.6
76 14.6 0.0 33.3





#47

2-Chloronaphthalene

Concen: 51.173 ng

RT: 9.392 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:162 Resp: 145783

Ion Ratio Lower Upper

162 100

127 41.6 34.5 51.7

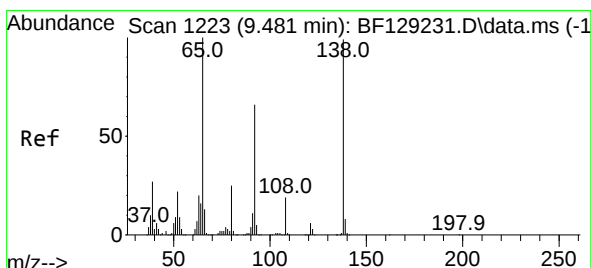
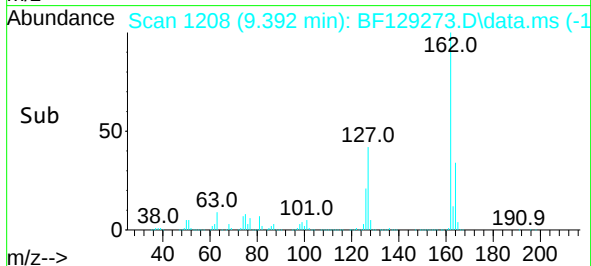
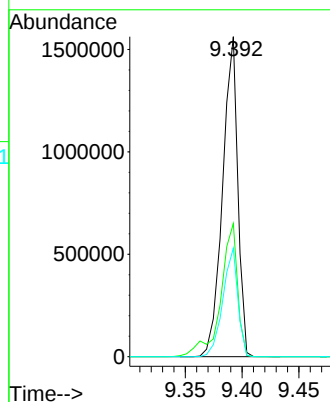
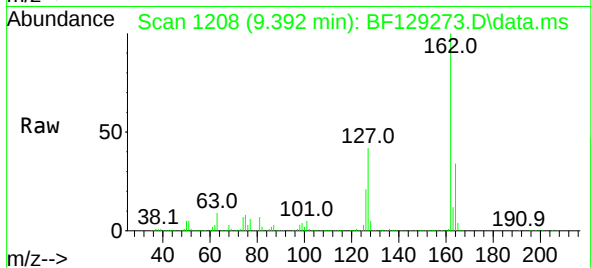
164 33.9 26.5 39.7

Manual Integrations

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Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#48

2-Nitroaniline

Concen: 51.256 ng

RT: 9.486 min Scan# 1224

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

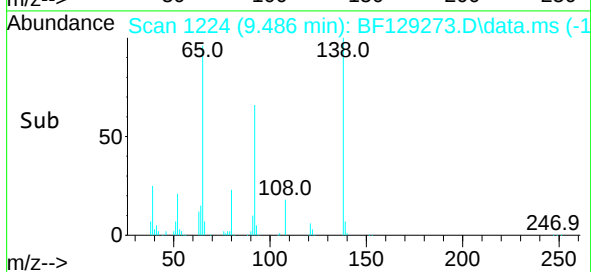
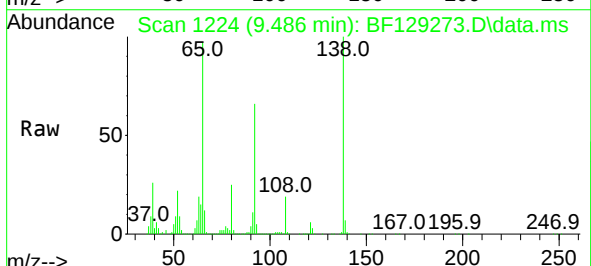
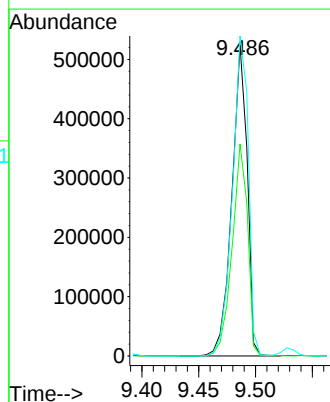
Tgt Ion: 65 Resp: 490581

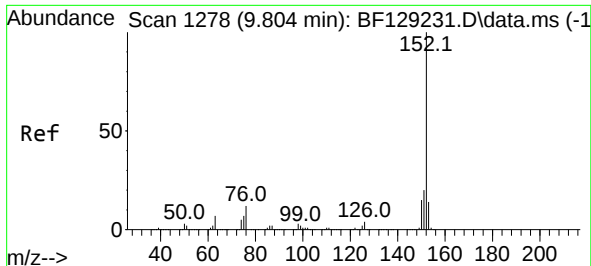
Ion Ratio Lower Upper

65 100

92 68.1 51.9 77.9

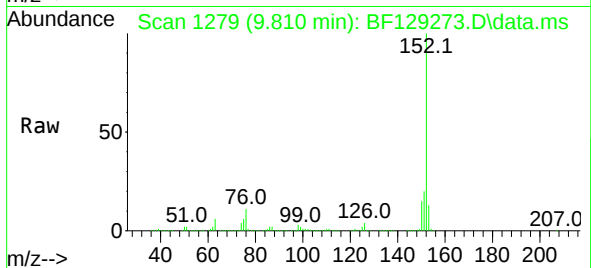
138 102.8 76.4 114.6





#49
Acenaphthylene
Concen: 51.799 ng
RT: 9.810 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

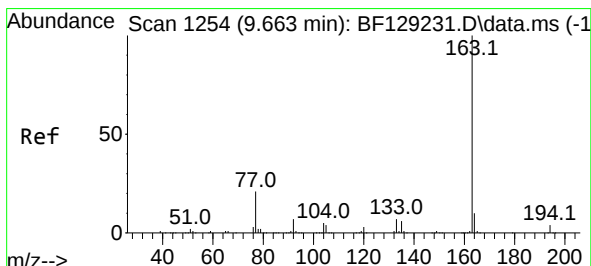
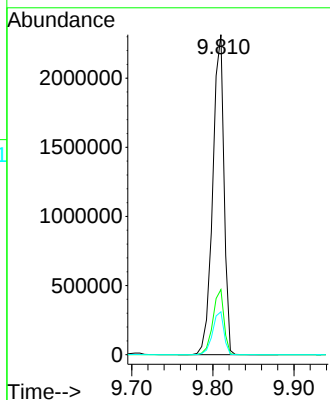
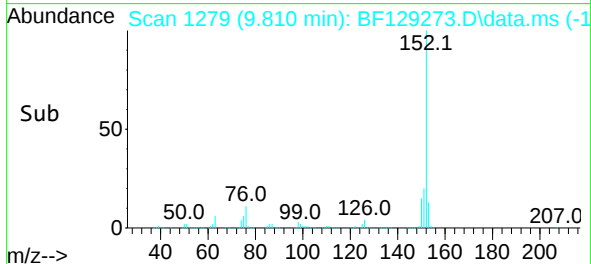
Instrument :
BNA_F
ClientSampleId :
TP-1MS



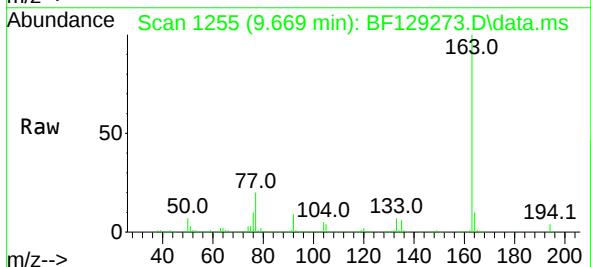
Tgt Ion:152 Resp: 222107
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.4
153 13.4 10.7 16.1

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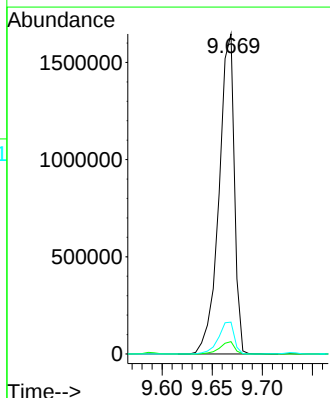
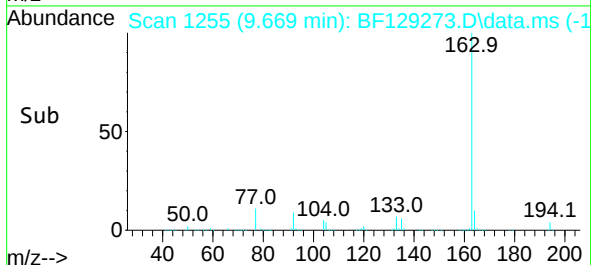
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

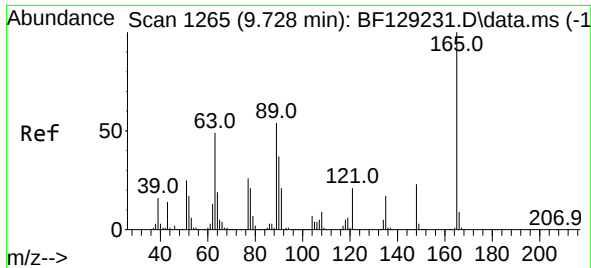


#50
Dimethylphthalate
Concen: 52.652 ng
RT: 9.669 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



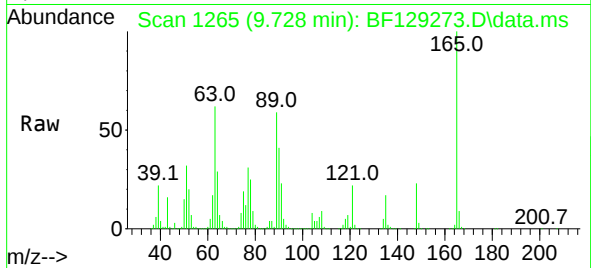
Tgt Ion:163 Resp: 1747199
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 54.730 ng
RT: 9.728 min Scan# 1265
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

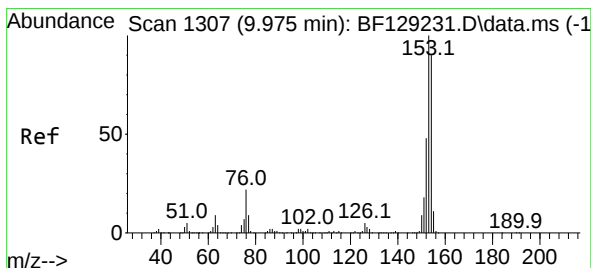
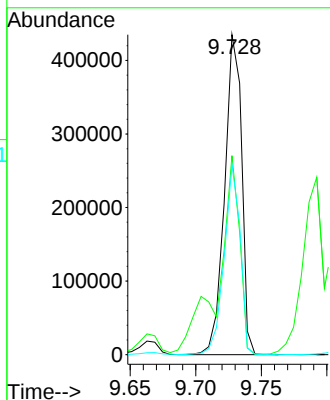
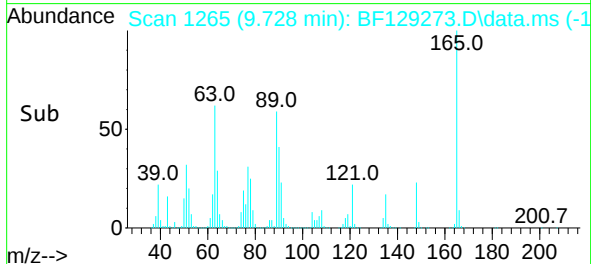
Instrument :
BNA_F
ClientSampleId :
TP-1MS



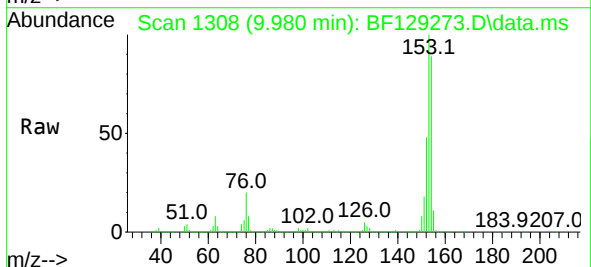
Tgt Ion:165 Resp: 392999
Ion Ratio Lower Upper
165 100
63 62.2 44.9 67.3
89 59.4 43.6 65.4

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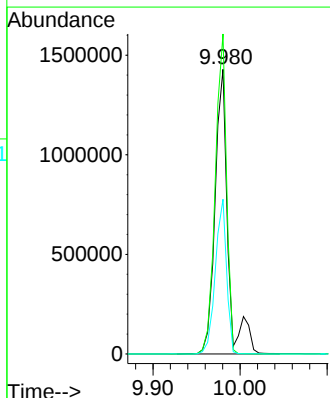
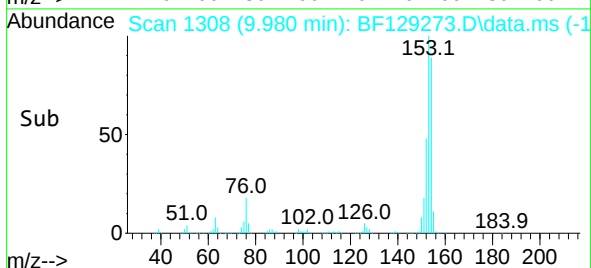
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

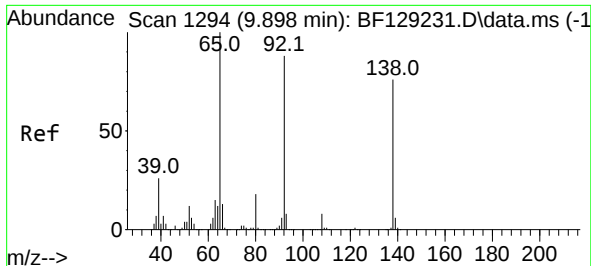


#52
Acenaphthene
Concen: 52.627 ng m
RT: 9.980 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



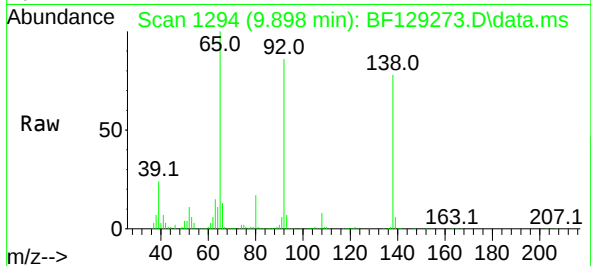
Tgt Ion:154 Resp: 1475023
Ion Ratio Lower Upper
154 100
153 112.4 89.6 134.4
152 54.4 42.4 63.6





#53
3-Nitroaniline
Concen: 29.034 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

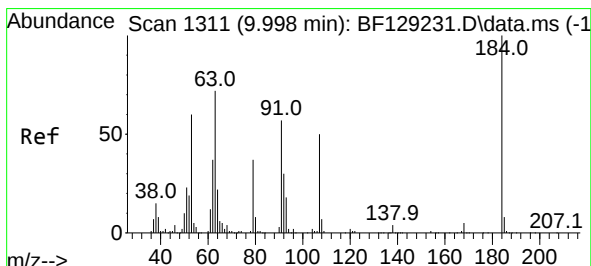
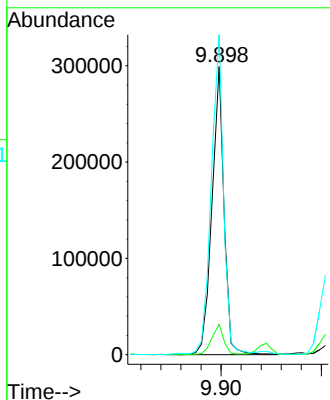
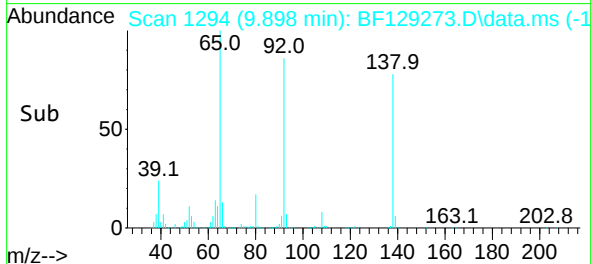
Instrument :
BNA_F
ClientSampleId :
TP-1MS



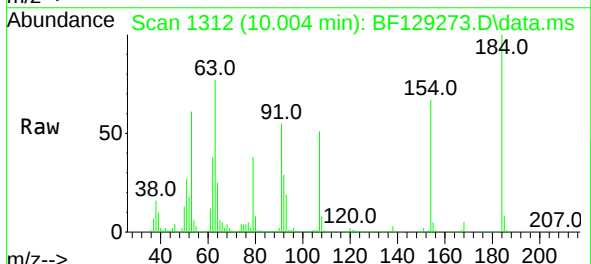
Tgt Ion:138 Resp: 248960
Ion Ratio Lower Upper
138 100
108 10.5 10.9 16.3
92 111.1 98.2 147.2

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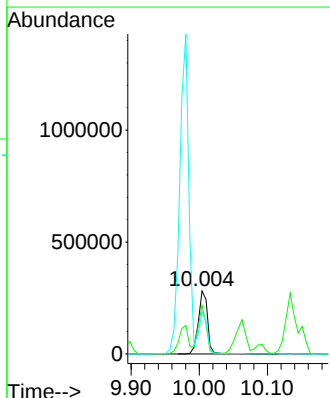
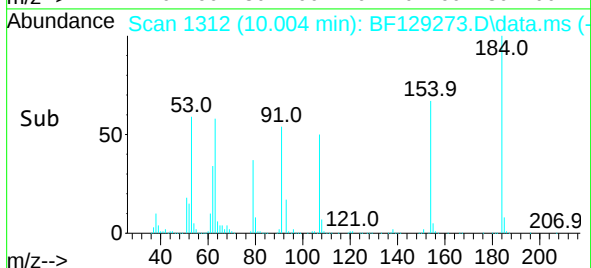
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

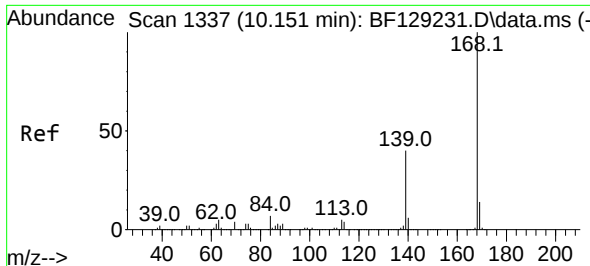


#54
2,4-Dinitrophenol
Concen: 69.347 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



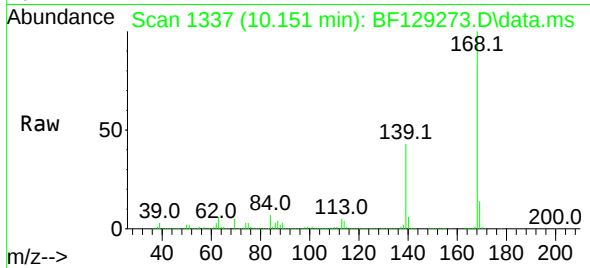
Tgt Ion:184 Resp: 266880
Ion Ratio Lower Upper
184 100
63 77.0 64.5 96.7
154 66.7 50.6 75.8





#55
Dibenzenofuran
Concen: 49.461 ng
RT: 10.151 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

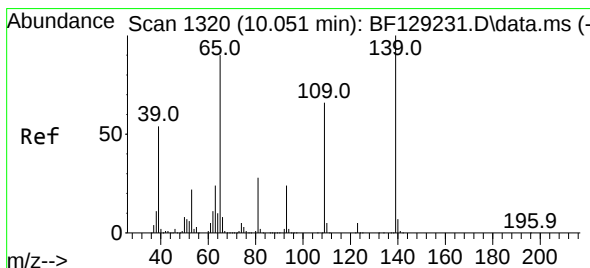
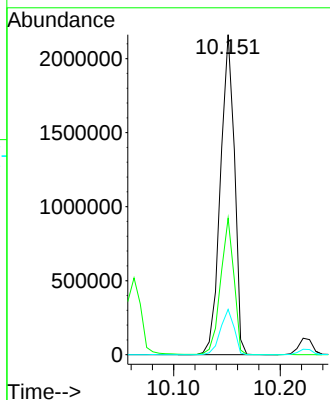
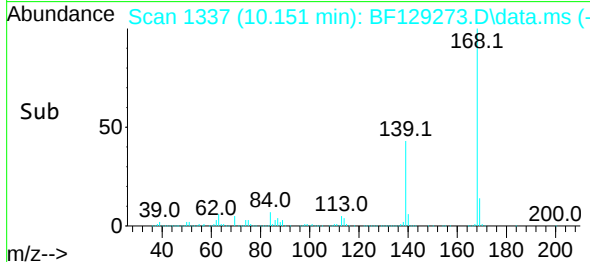
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:168 Resp: 1967908
Ion Ratio Lower Upper
168 100
139 42.7 30.6 46.0
169 14.1 11.0 16.6

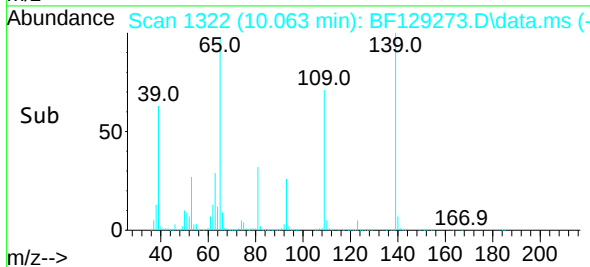
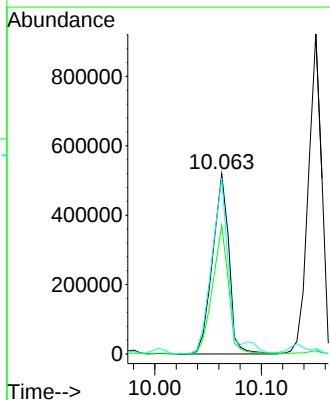
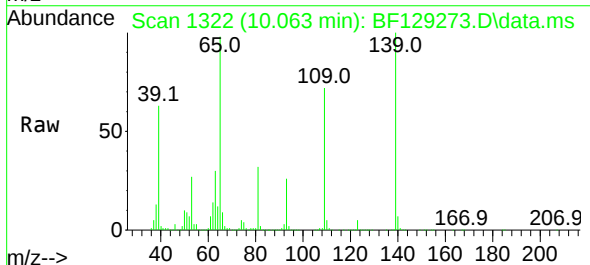
Manual Integrations
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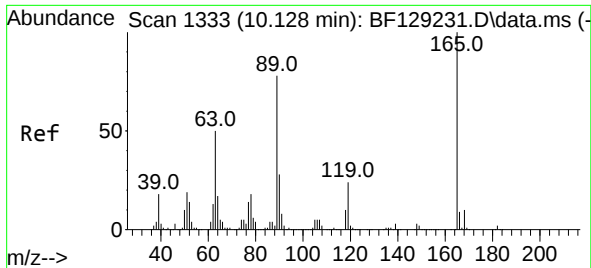
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#56
4-Nitrophenol
Concen: 81.749 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

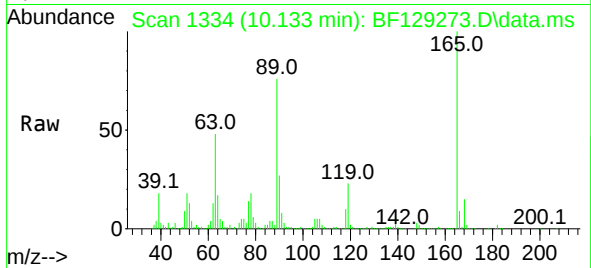
Tgt Ion:139 Resp: 554807
Ion Ratio Lower Upper
139 100
109 71.5 50.7 90.7
65 97.6 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 54.105 ng
RT: 10.133 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

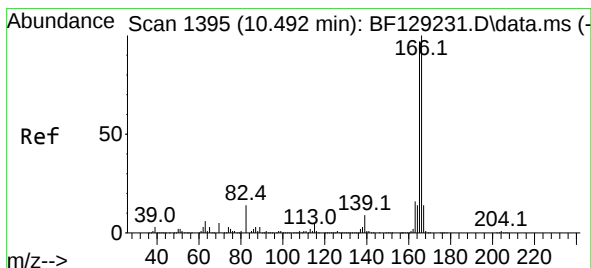
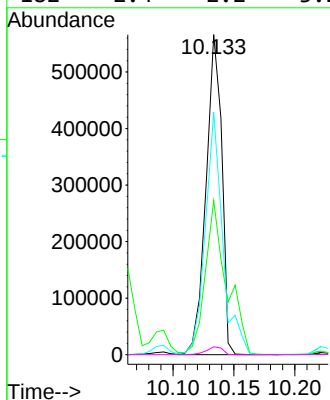
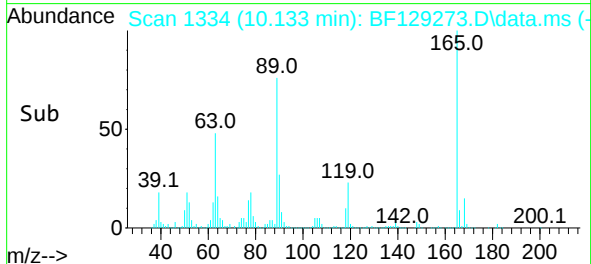
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:165 Resp: 509462
Ion Ratio Lower Upper
165 100
63 48.1 39.8 59.6
89 75.8 60.2 90.2
182 2.4 2.2 3.2

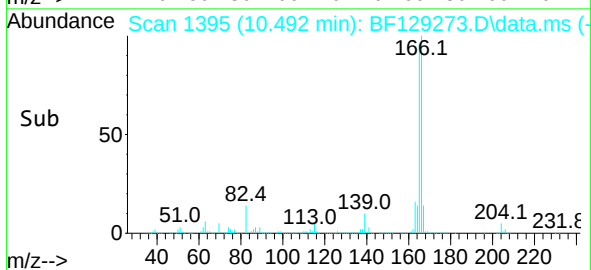
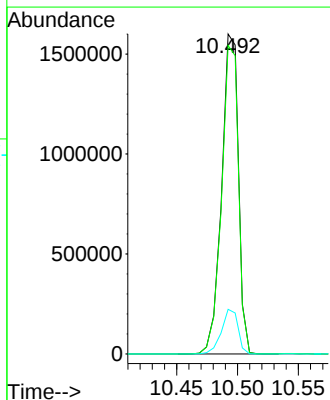
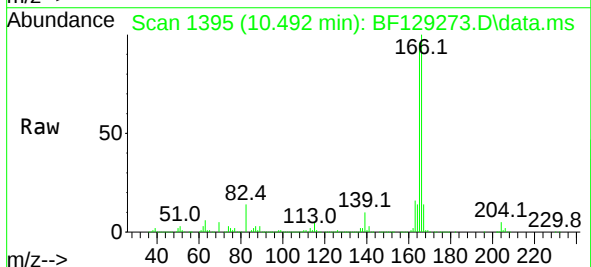
Manual Integrations
APPROVED

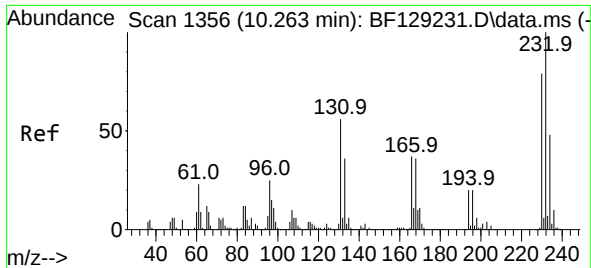
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#58
Fluorene
Concen: 50.802 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

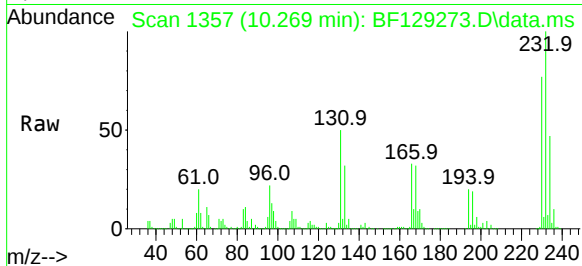
Tgt Ion:166 Resp: 1537349
Ion Ratio Lower Upper
166 100
165 96.4 78.1 117.1
167 13.9 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.510 ng
RT: 10.269 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

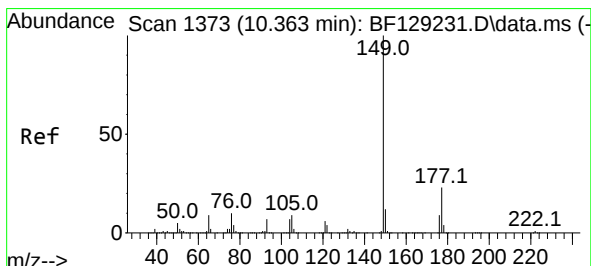
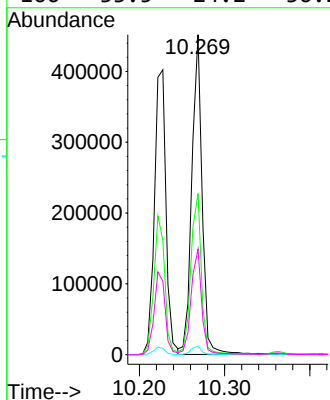
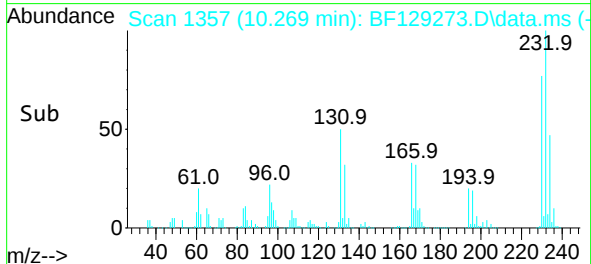
Instrument :
BNA_F
ClientSampleId :
TP-1MS



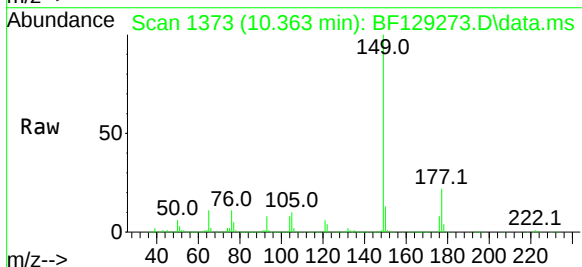
Tgt Ion:232 Resp: 37874
Ion Ratio Lower Upper
232 100
131 52.4 36.1 54.1
130 2.6 1.8 2.8
166 33.5 24.2 36.2

Manual Integrations
APPROVED

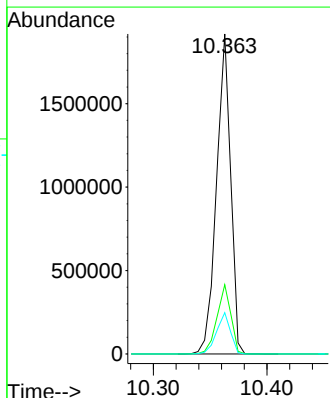
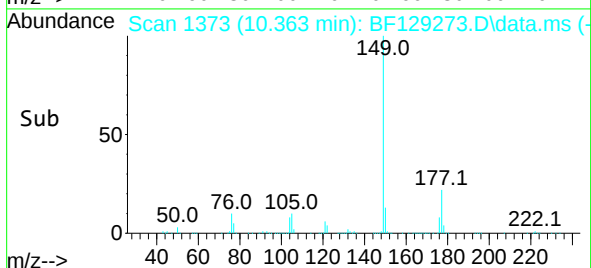
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

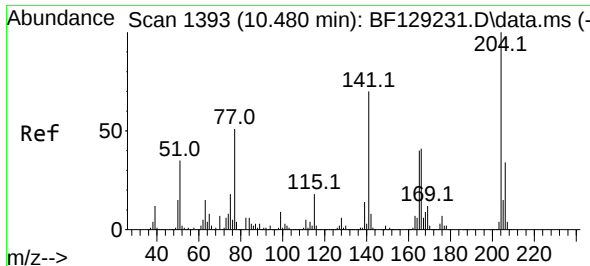


#60
Diethylphthalate
Concen: 51.623 ng
RT: 10.363 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



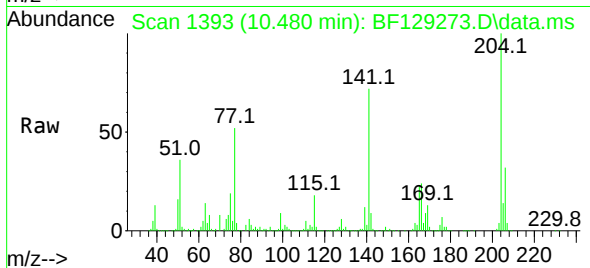
Tgt Ion:149 Resp: 1656607
Ion Ratio Lower Upper
149 100
177 21.7 17.3 25.9
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 50.301 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

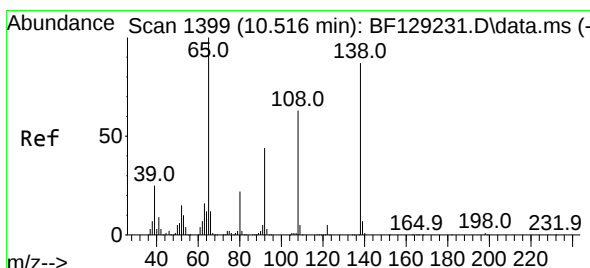
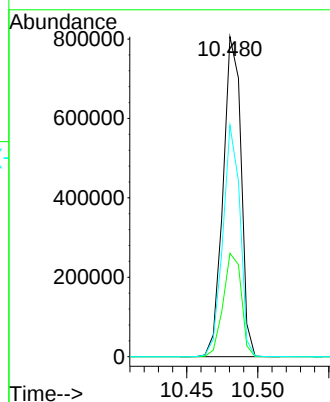
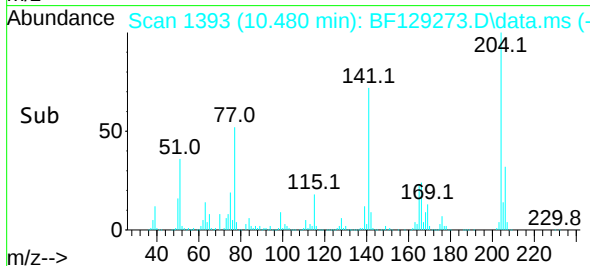
Instrument :
BNA_F
ClientSampleId :
TP-1MS



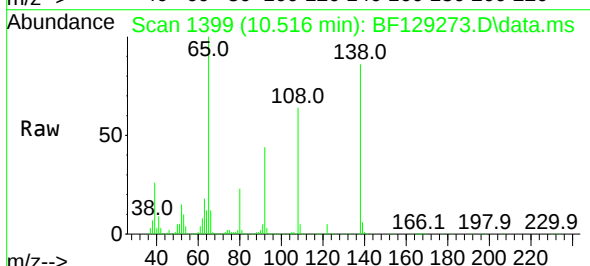
Tgt Ion:204 Resp: 70514
Ion Ratio Lower Upper
204 100
206 32.3 25.8 38.6
141 72.3 47.0 70.4

Manual Integrations
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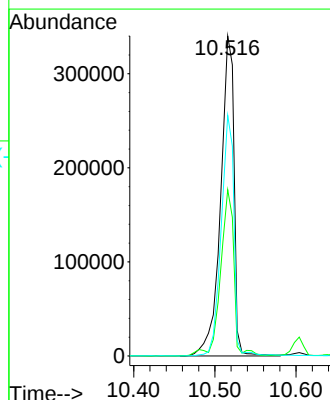
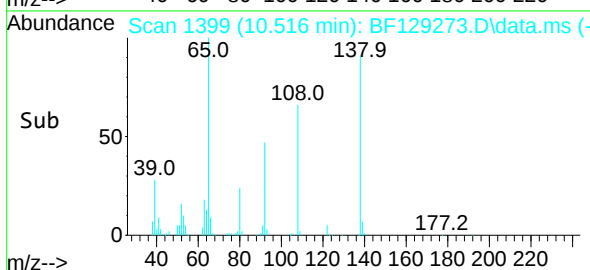
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

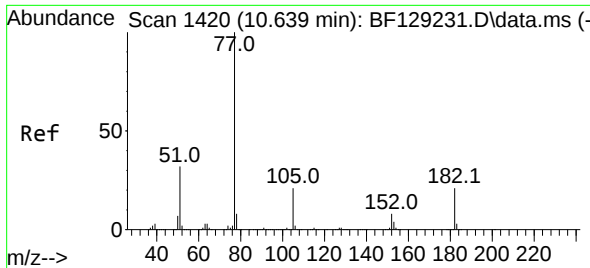


#62
4-Nitroaniline
Concen: 46.321 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



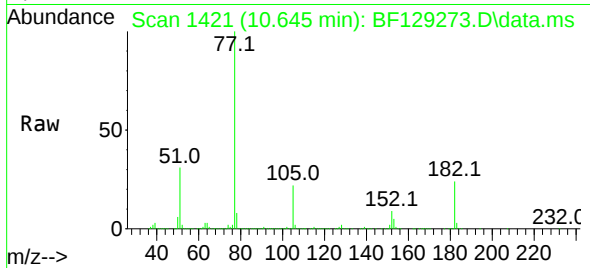
Tgt Ion:138 Resp: 393221
Ion Ratio Lower Upper
138 100
92 51.9 33.5 73.5
108 75.2 61.0 101.0





#63
Azobenzene
Concen: 48.803 ng
RT: 10.645 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

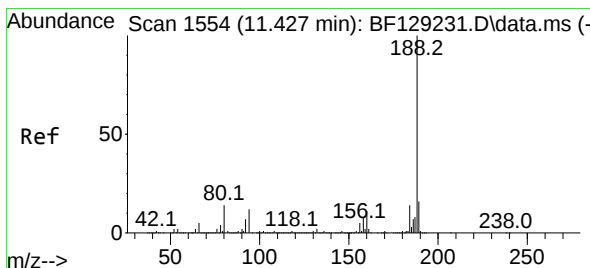
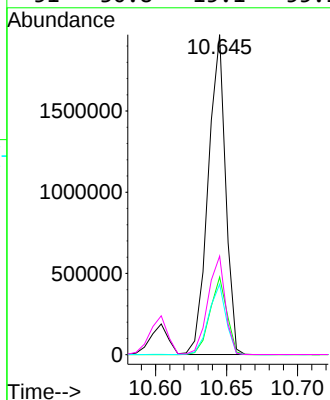
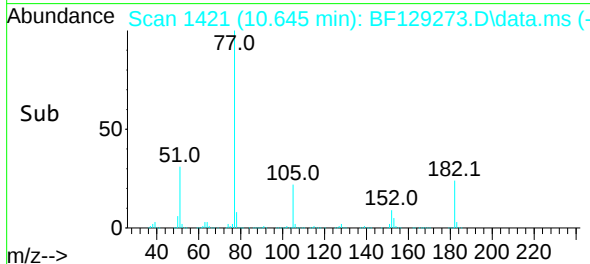
Instrument :
BNA_F
ClientSampleId :
TP-1MS



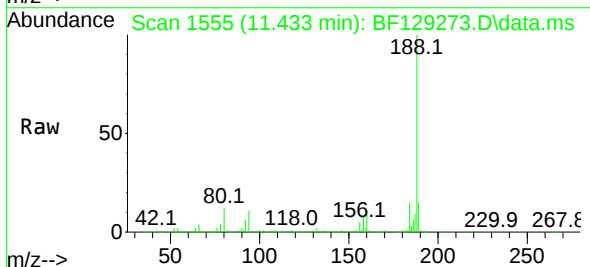
Tgt Ion: 77 Resp: 1671740
Ion Ratio Lower Upper
77 100
182 24.2 5.6 45.6
105 22.0 1.6 41.6
51 30.8 15.1 55.1

Manual Integrations
APPROVED

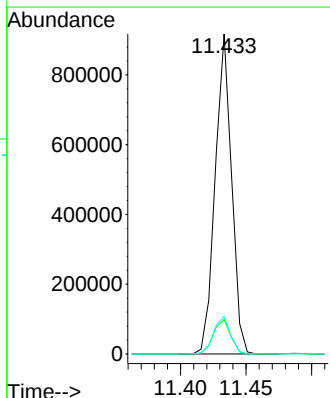
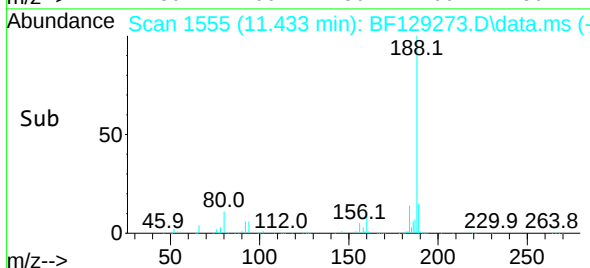
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

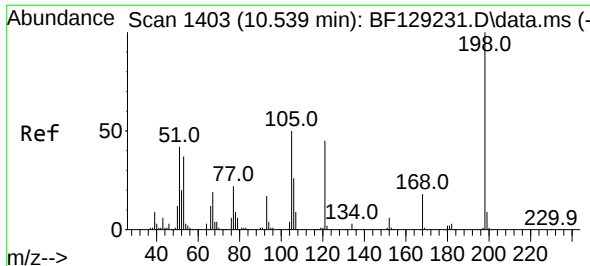


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



Tgt Ion:188 Resp: 796082
Ion Ratio Lower Upper
188 100
94 10.8 7.0 10.6#
80 11.7 7.6 11.4#





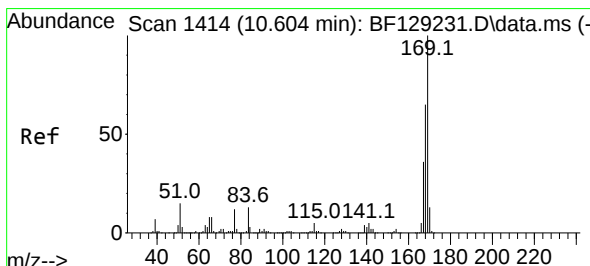
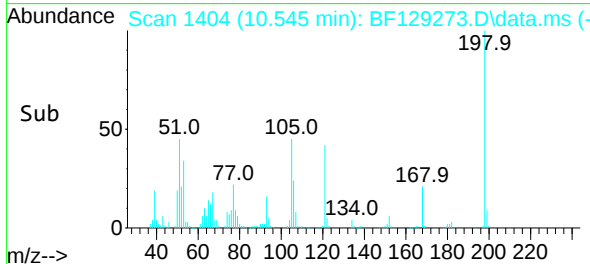
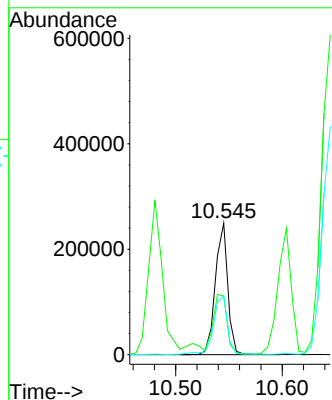
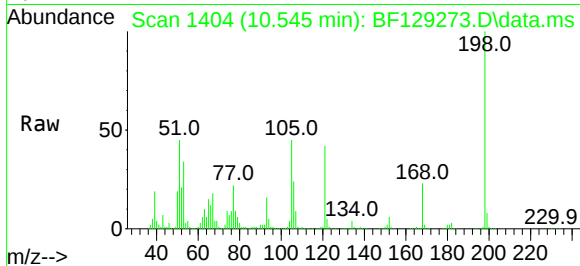
#65
4,6-Dinitro-2-methylphenol
Concen: 40.209 ng
RT: 10.545 min Scan# 1403
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:198 Resp: 202245
Ion Ratio Lower Upper
198 100
51 44.6 37.6 77.6
105 44.7 27.0 67.0

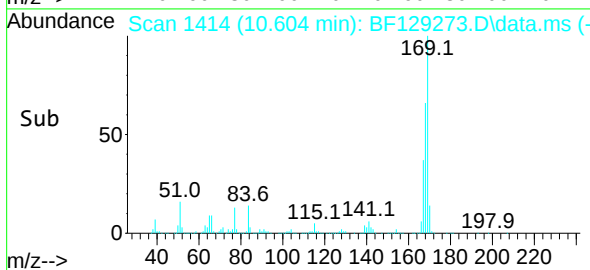
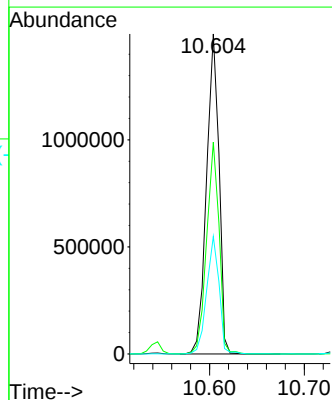
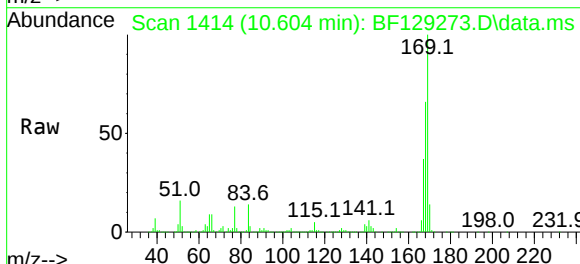
Manual Integrations
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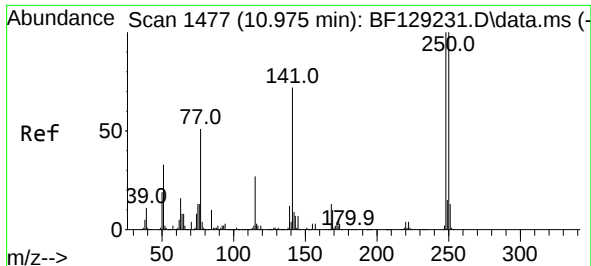
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#66
n-Nitrosodiphenylamine
Concen: 53.528 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

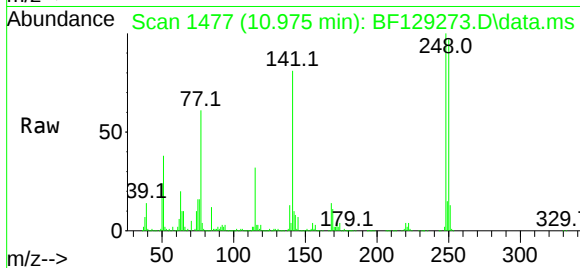
Tgt Ion:169 Resp: 1359569
Ion Ratio Lower Upper
169 100
168 66.2 50.1 75.1
167 36.7 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 54.271 ng
RT: 10.975 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

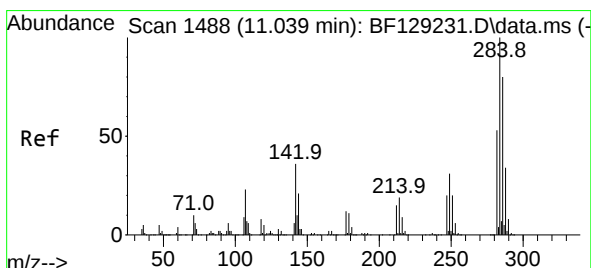
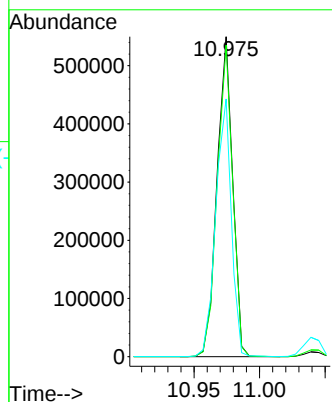
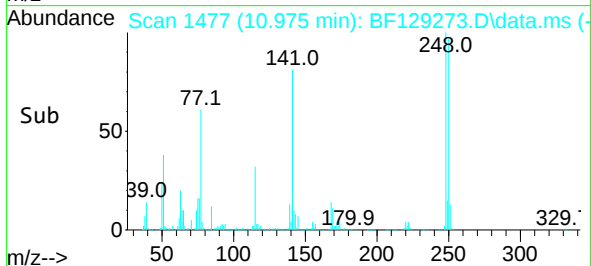
Instrument :
BNA_F
ClientSampleId :
TP-1MS



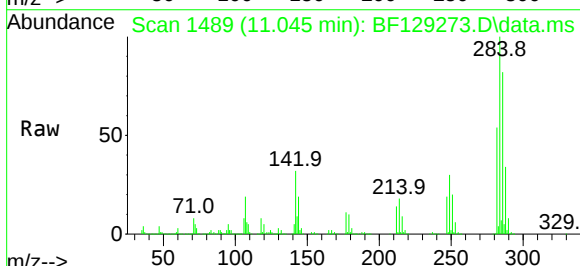
Tgt Ion:248 Resp: 454799
Ion Ratio Lower Upper
248 100
250 97.3 80.6 120.8
141 80.6 58.9 88.3

Manual Integrations
APPROVED

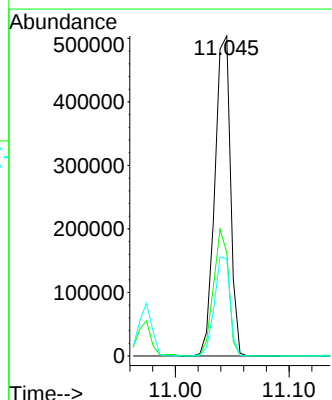
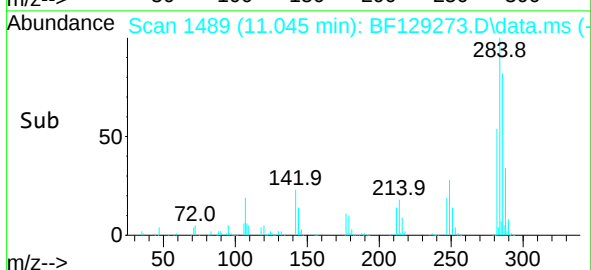
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

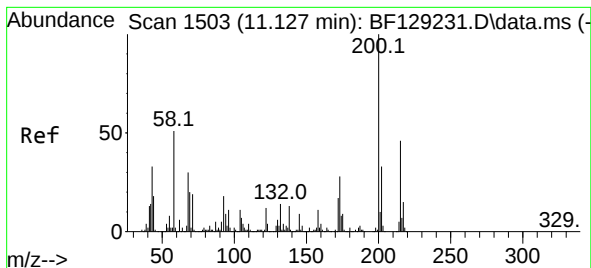


#68
Hexachlorobenzene
Concen: 54.792 ng
RT: 11.045 min Scan# 1489
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



Tgt Ion:284 Resp: 481977
Ion Ratio Lower Upper
284 100
142 32.3 29.0 43.4
249 30.4 25.0 37.6





#69

Atrazine

Concen: 61.971 ng

RT: 11.133 min Scan# 11133

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:200 Resp: 436360

Ion Ratio Lower Upper

200 100

173 27.0 6.3 46.3

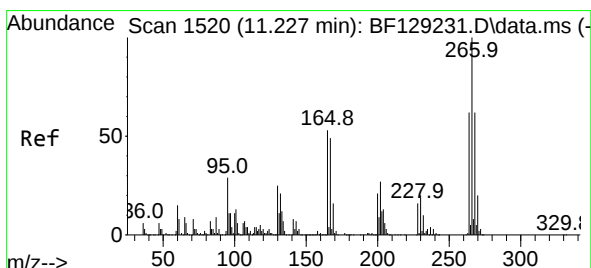
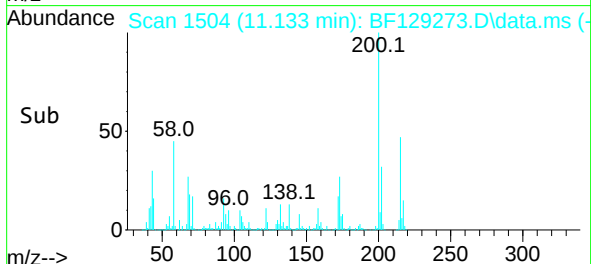
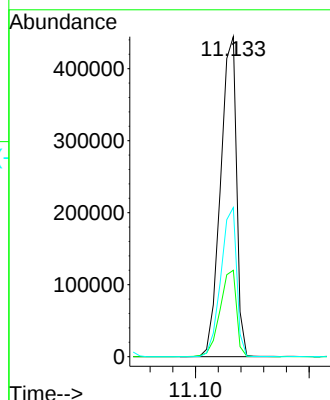
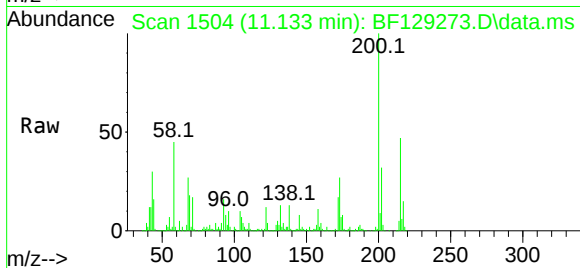
215 46.6 28.3 68.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#70

Pentachlorophenol

Concen: 84.347 ng

RT: 11.239 min Scan# 1522

Delta R.T. 0.012 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

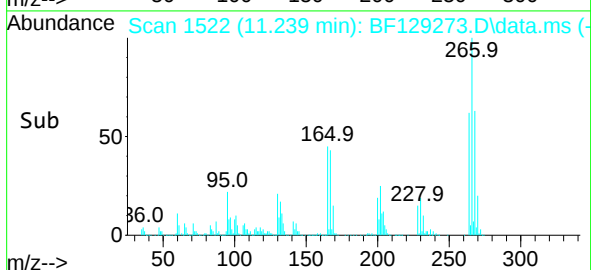
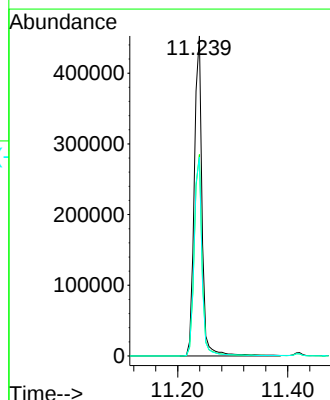
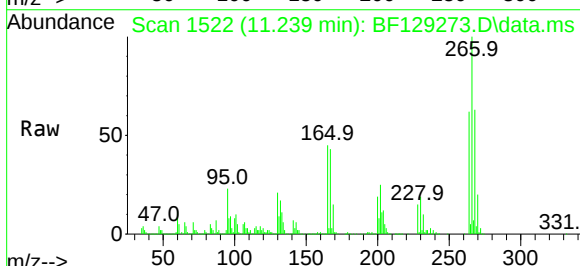
Tgt Ion:266 Resp: 441201

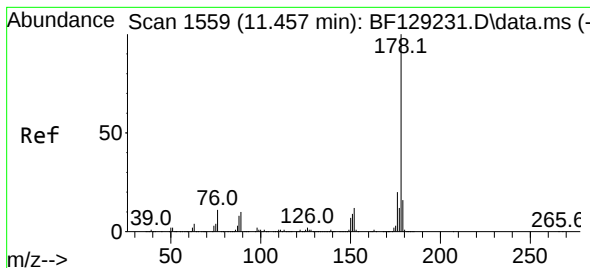
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.4

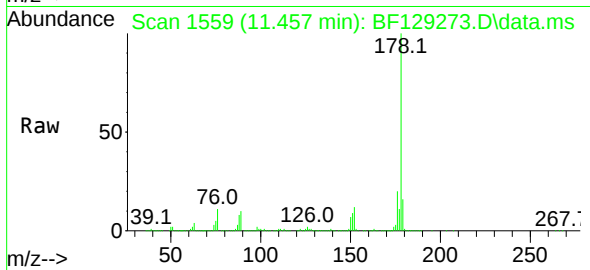
264 62.2 49.4 74.2





#71
Phenanthrene
Concen: 50.730 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

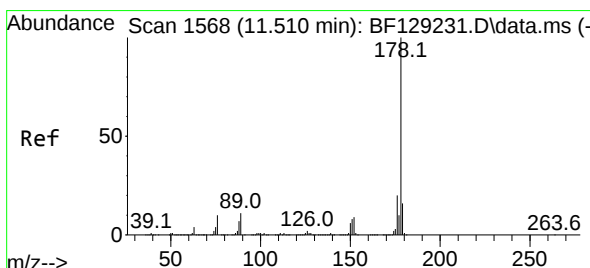
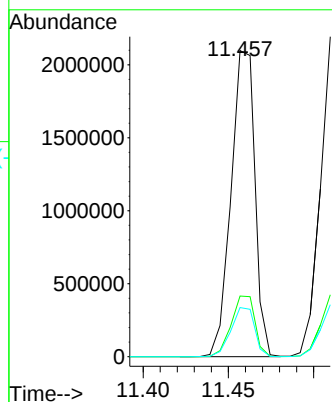
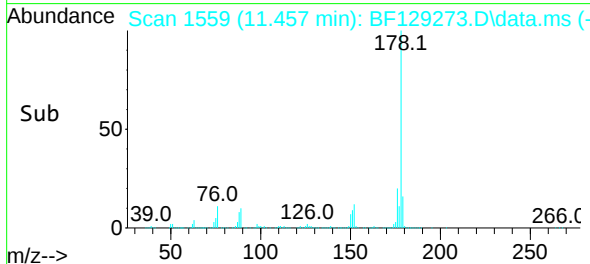
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:178 Resp: 2050397
Ion Ratio Lower Upper
178 100
176 19.8 16.0 24.0
179 16.0 12.6 19.0

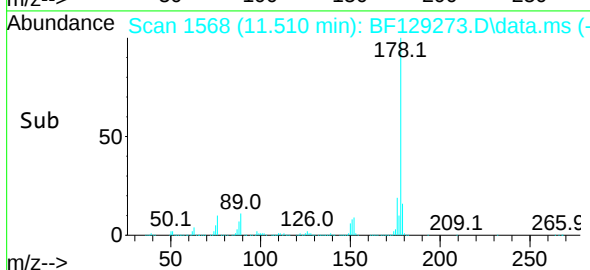
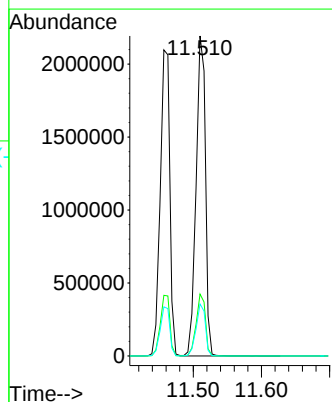
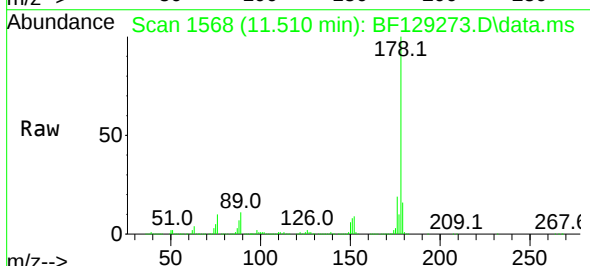
Manual Integrations
APPROVED

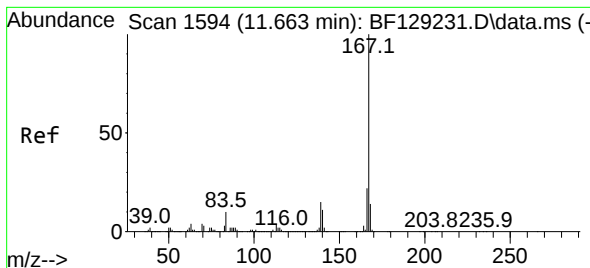
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#72
Anthracene
Concen: 52.032 ng
RT: 11.510 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

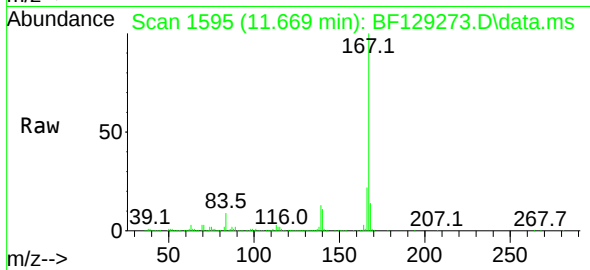
Tgt Ion:178 Resp: 2089039
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.2 12.6 19.0





#73
 Carbazole
 Concen: 46.988 ng
 RT: 11.669 min Scan# 1594
 Delta R.T. 0.006 min
 Lab File: BF129273.D
 Acq: 18 Jul 2022 18:07

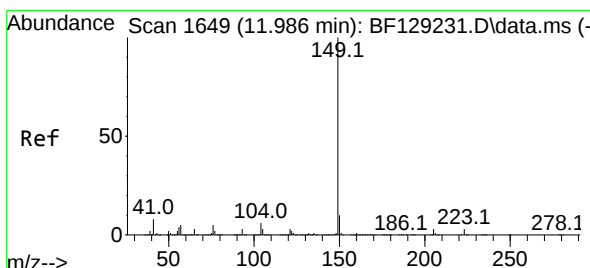
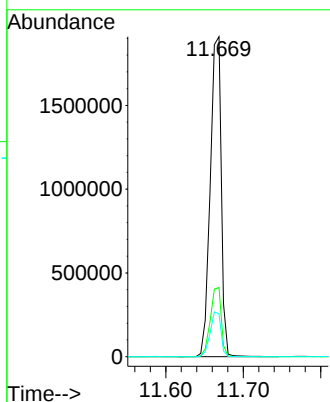
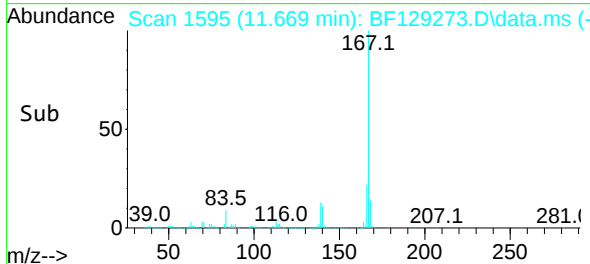
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS



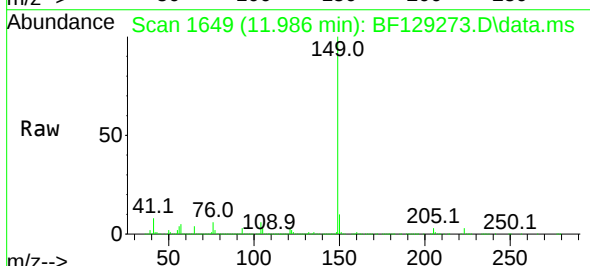
Tgt Ion:167 Resp: 1881785
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.7 26.5
 139 13.4 11.2 16.8

Manual Integrations
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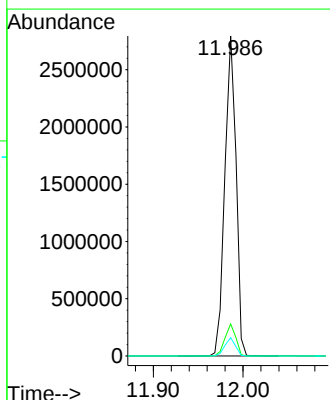
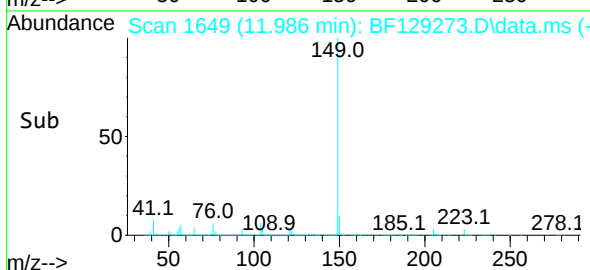
Reviewed By :Christian Giraldo 07/19/2022
 Supervised By :Jagrut Upadhyay 07/19/2022

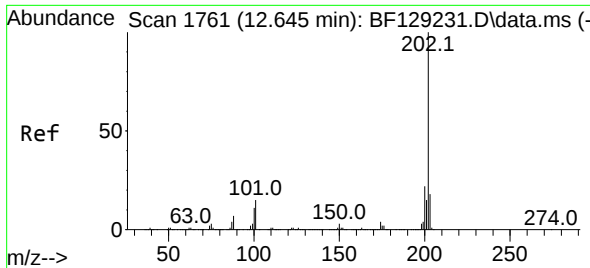


#74
 Di-n-butylphthalate
 Concen: 52.707 ng
 RT: 11.986 min Scan# 1649
 Delta R.T. -0.000 min
 Lab File: BF129273.D
 Acq: 18 Jul 2022 18:07



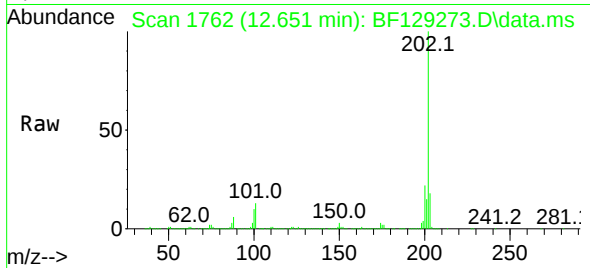
Tgt Ion:149 Resp: 2425730
 Ion Ratio Lower Upper
 149 100
 150 10.0 7.5 11.3
 104 5.7 4.4 6.6





#75
Fluoranthene
Concen: 46.495 ng
RT: 12.651 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

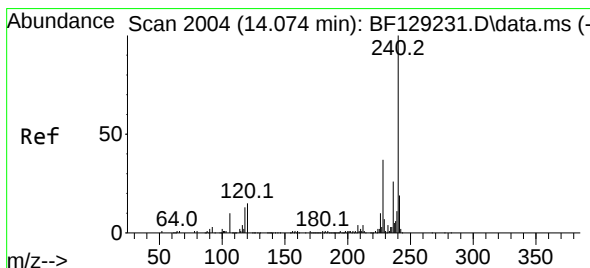
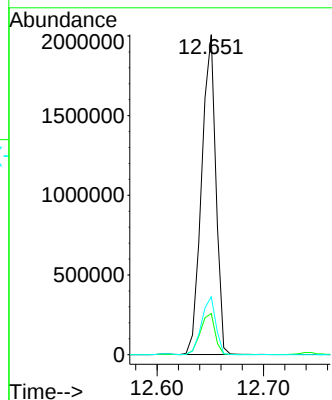
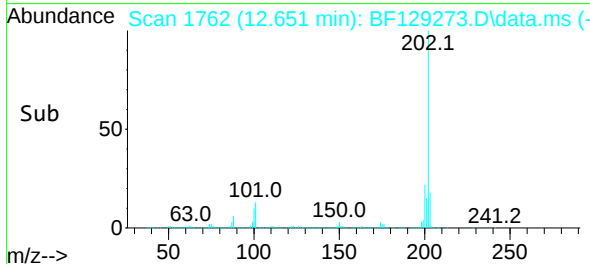
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:202 Resp: 187160
Ion Ratio Lower Upper
202 100
101 12.9 0.0 31.4
203 18.1 0.0 38.0

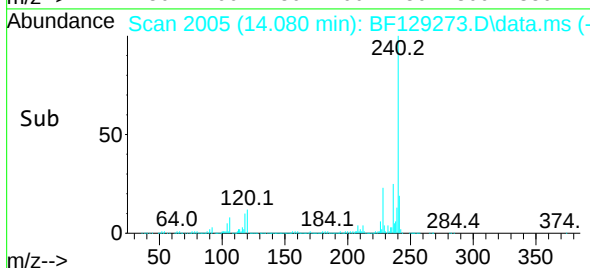
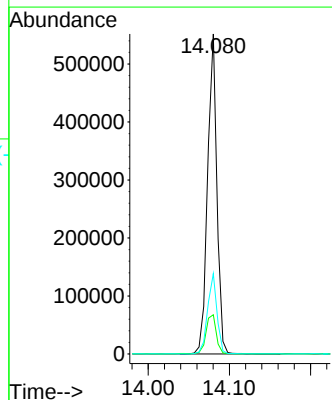
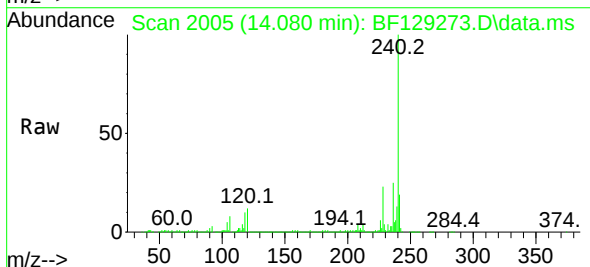
Manual Integrations
APPROVED

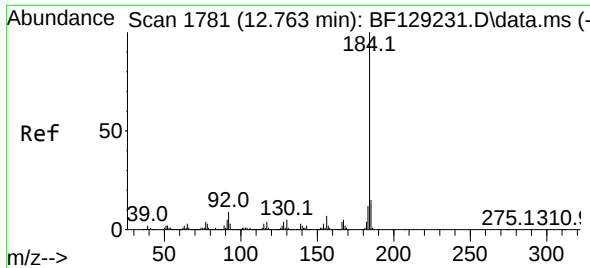
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

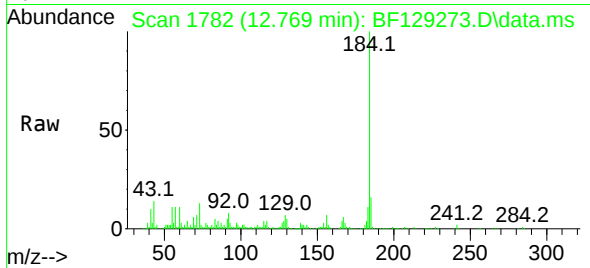
Tgt Ion:240 Resp: 437618
Ion Ratio Lower Upper
240 100
120 12.2 8.9 13.3
236 25.1 20.8 31.2





#77
Benzidine
Concen: 11.682 ng
RT: 12.769 min Scan# 1781
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

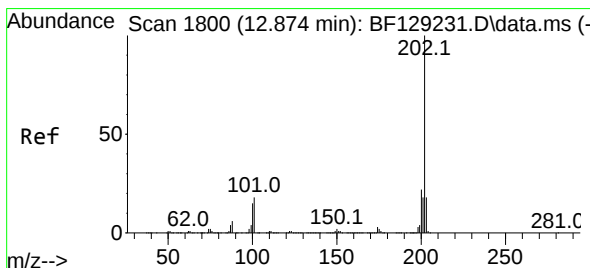
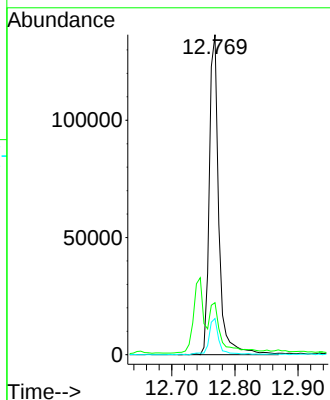
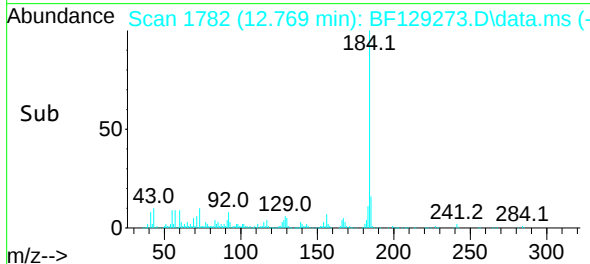
Instrument :
BNA_F
ClientSampleId :
TP-1MS



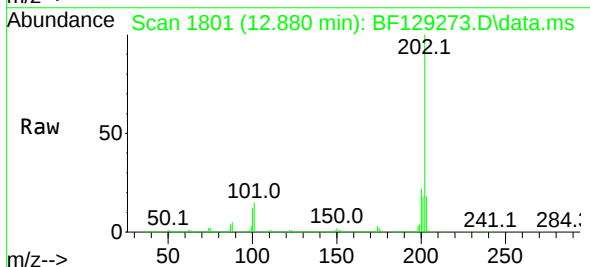
Tgt Ion:184 Resp: 143102
Ion Ratio Lower Upper
184 100
185 16.3 11.9 17.9
183 11.3 9.3 13.9

Manual Integrations
APPROVED

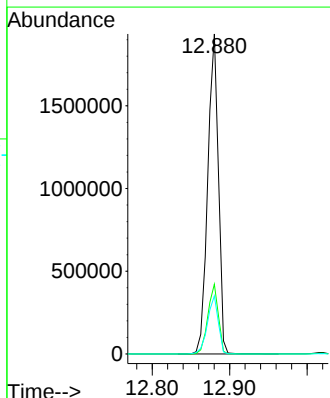
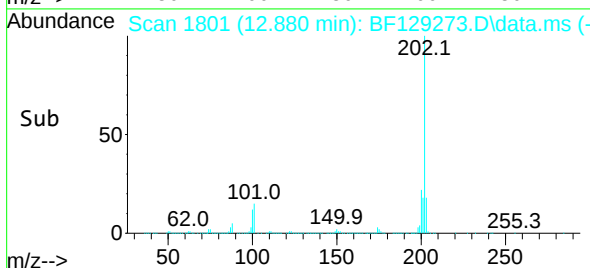
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

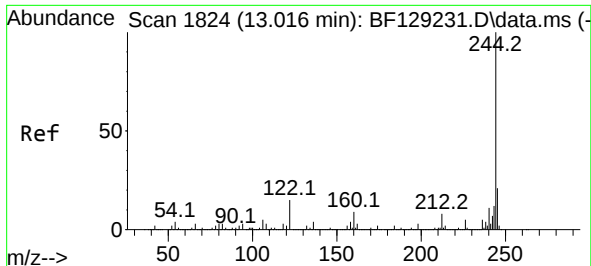


#78
Pyrene
Concen: 51.917 ng
RT: 12.880 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



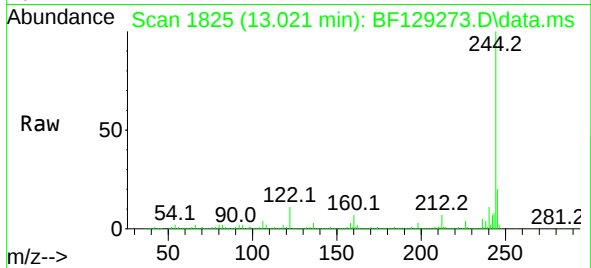
Tgt Ion:202 Resp: 1840218
Ion Ratio Lower Upper
202 100
200 21.8 17.7 26.5
203 18.2 14.6 21.8





#79
Terphenyl-d14
Concen: 100.060 ng
RT: 13.021 min Scan# 1824
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

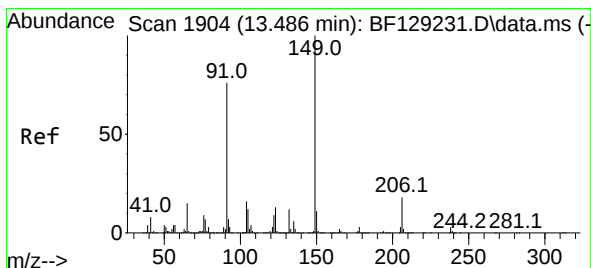
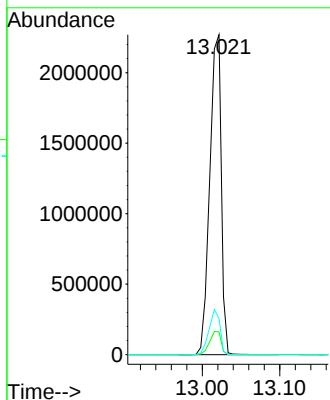
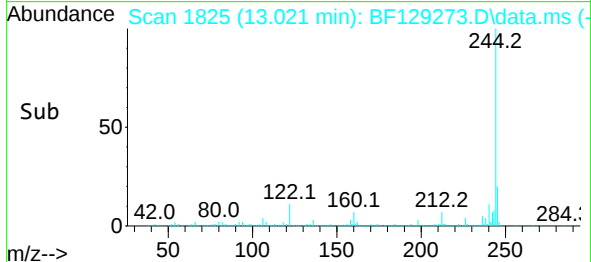
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:244 Resp: 234074
Ion Ratio Lower Upper
244 100
212 7.1 6.1 9.1
122 11.3 8.8 13.2

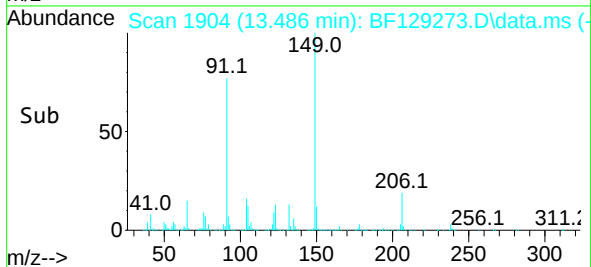
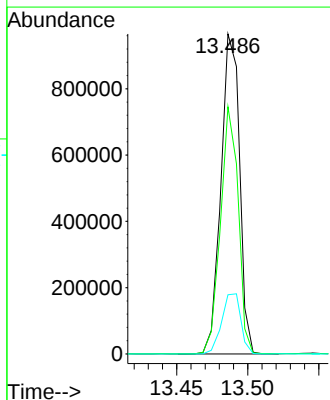
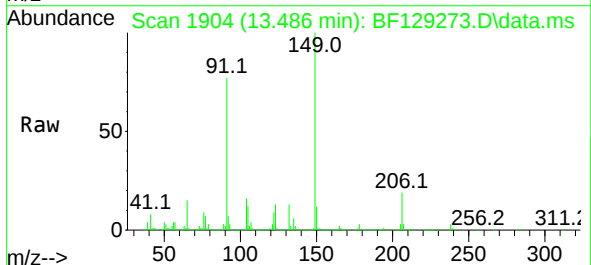
Manual Integrations
APPROVED

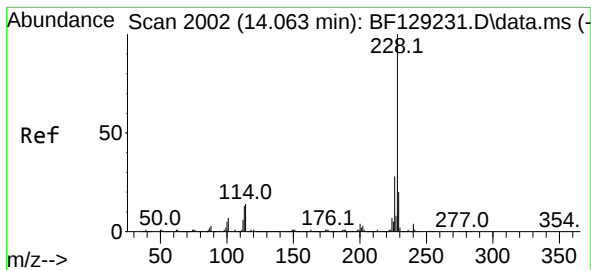
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022



#80
Butylbenzylphthalate
Concen: 55.487 ng
RT: 13.486 min Scan# 1904
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

Tgt Ion:149 Resp: 876012
Ion Ratio Lower Upper
149 100
91 77.3 61.2 91.8
206 18.5 15.7 23.5





#81

Benzo(a)anthracene

Concen: 52.967 ng

RT: 14.068 min Scan# 2002

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:228 Resp: 1462070

Ion Ratio Lower Upper

228 100

226 27.3 22.1 33.1

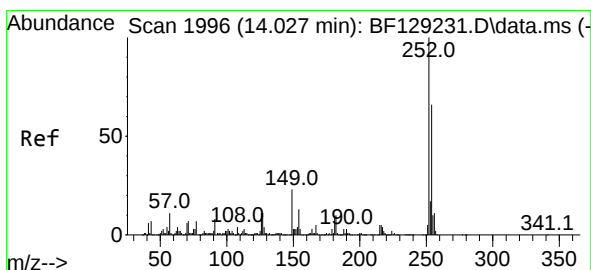
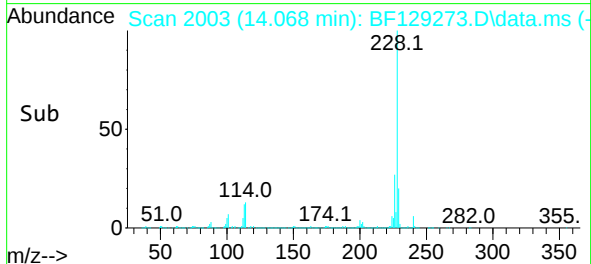
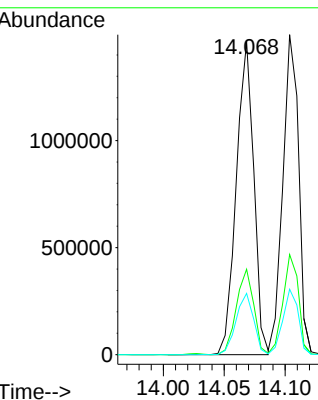
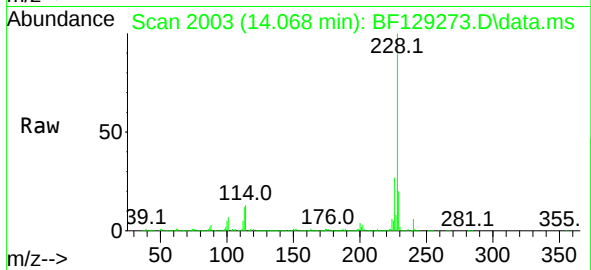
229 19.6 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#82

3,3'-Dichlorobenzidine

Concen: 39.492 ng

RT: 14.027 min Scan# 1996

Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

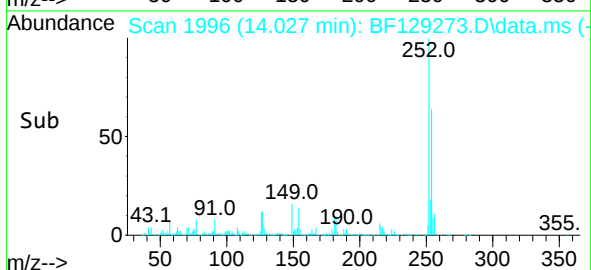
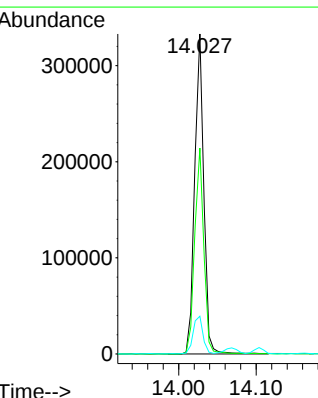
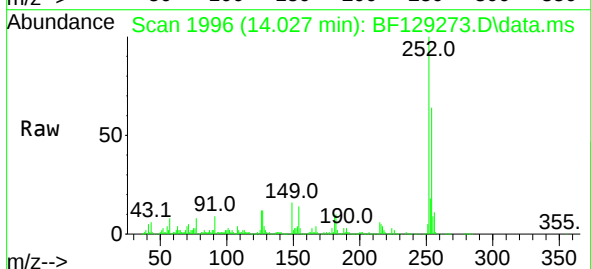
Tgt Ion:252 Resp: 272694

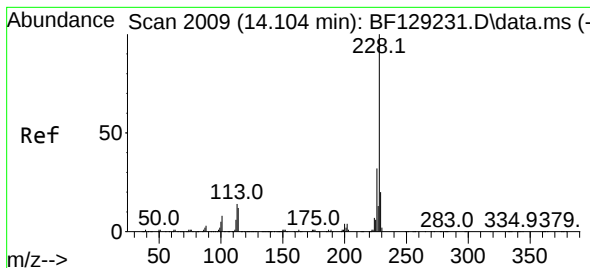
Ion Ratio Lower Upper

252 100

254 64.3 50.2 75.4

126 11.8 8.2 12.4





#83

Chrysene

Concen: 51.289 ng

RT: 14.104 min Scan# 2009

Delta R.T. -0.000 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:228 Resp: 135135

Ion Ratio Lower Upper

228 100

226 31.3 24.3 36.5

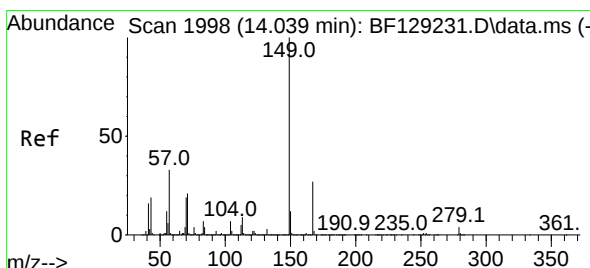
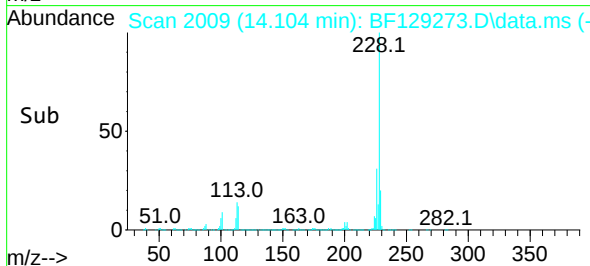
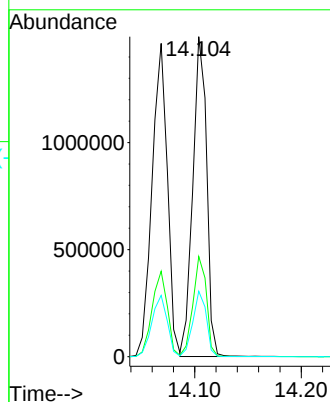
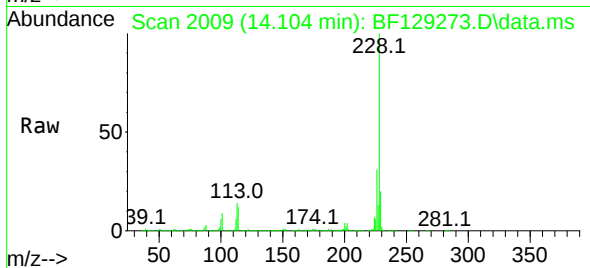
229 20.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.714 ng

RT: 14.045 min Scan# 1999

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

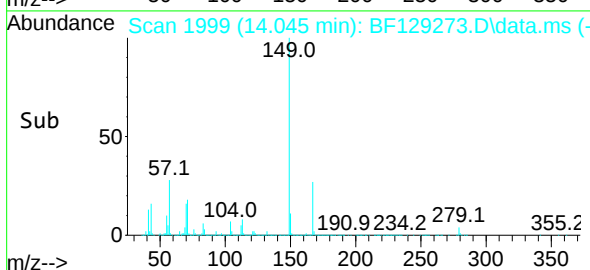
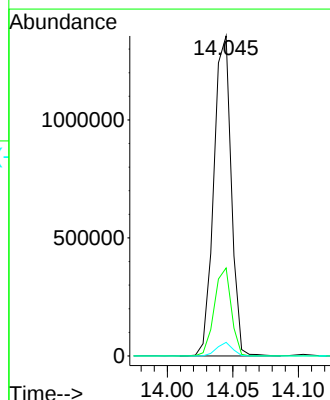
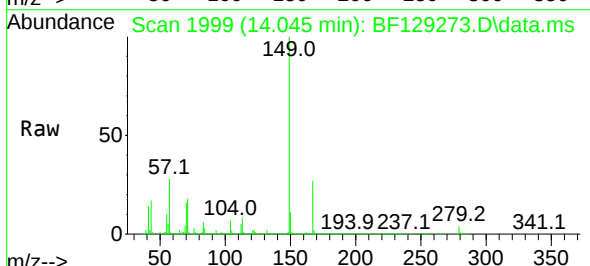
Tgt Ion:149 Resp: 1254434

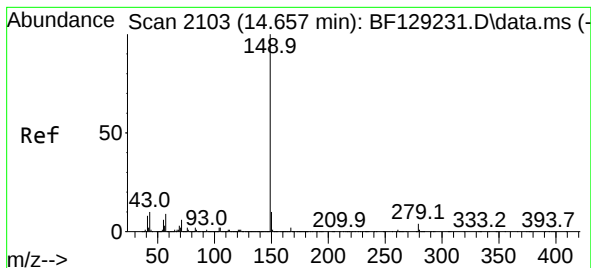
Ion Ratio Lower Upper

149 100

167 27.5 21.0 31.4

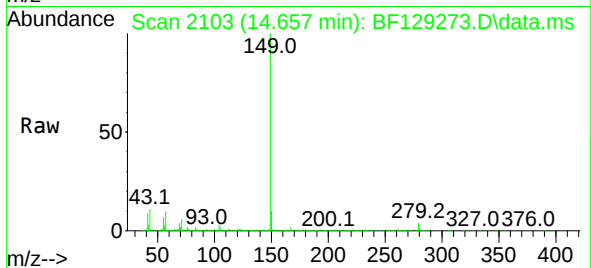
279 4.3 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 63.945 ng
RT: 14.657 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07

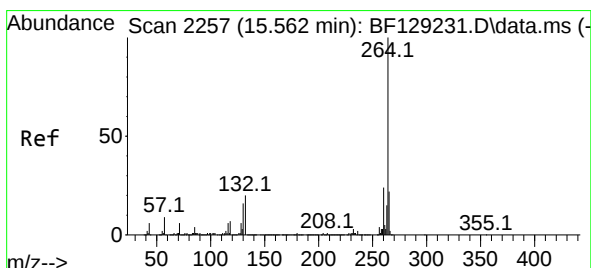
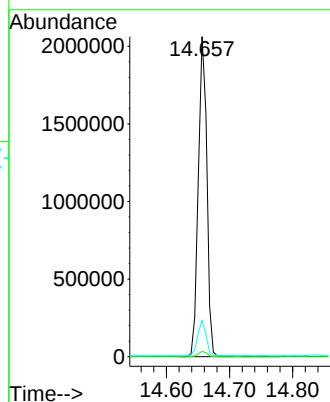
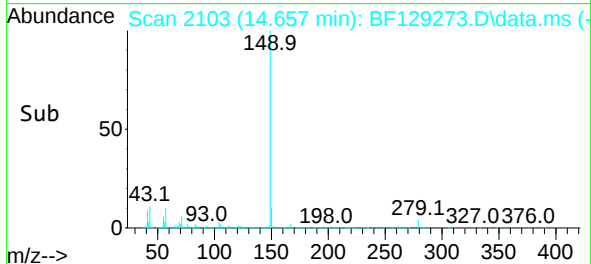
Instrument :
BNA_F
ClientSampleId :
TP-1MS



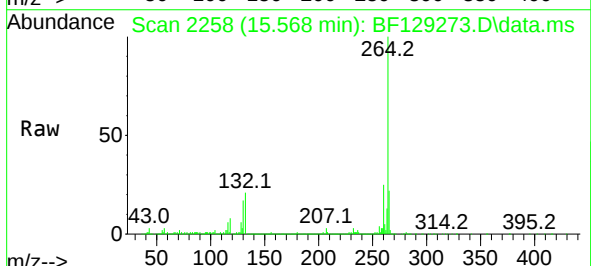
Tgt Ion:149 Resp: 192671
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.7 9.2 13.8

Manual Integrations
APPROVED

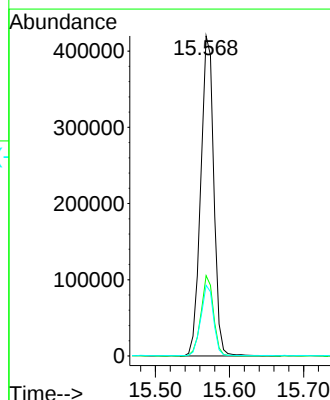
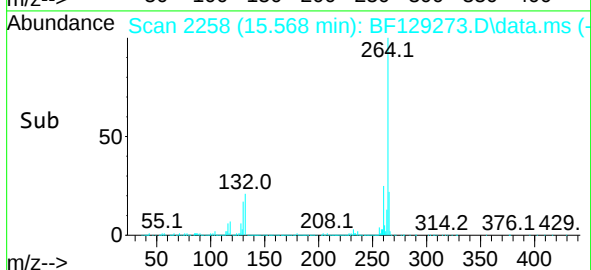
Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

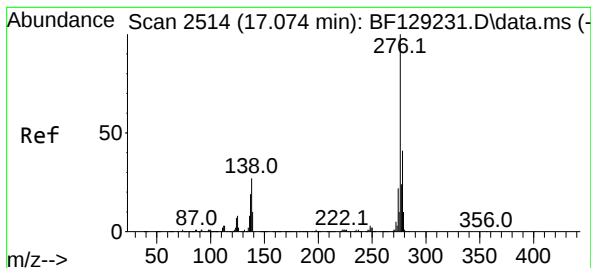


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2258
Delta R.T. 0.006 min
Lab File: BF129273.D
Acq: 18 Jul 2022 18:07



Tgt Ion:264 Resp: 514183
Ion Ratio Lower Upper
264 100
260 25.1 18.4 27.6
265 22.1 17.2 25.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 59.483 ng

RT: 17.098 min Scan# 2184

Delta R.T. 0.023 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:276 Resp: 190715

Ion Ratio Lower Upper

276 100

138 28.5 21.1 31.7

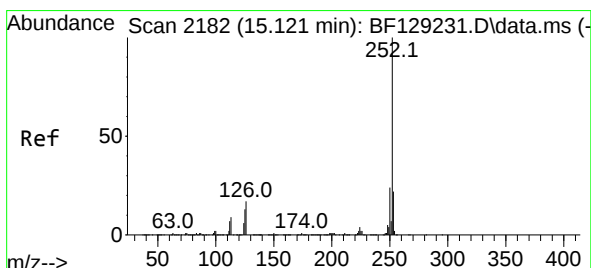
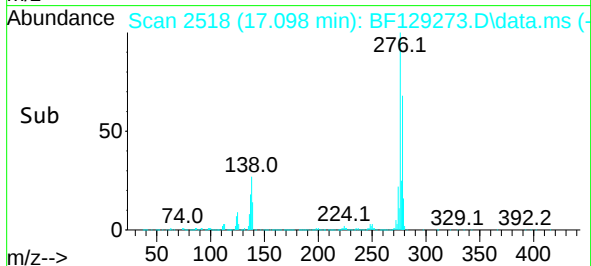
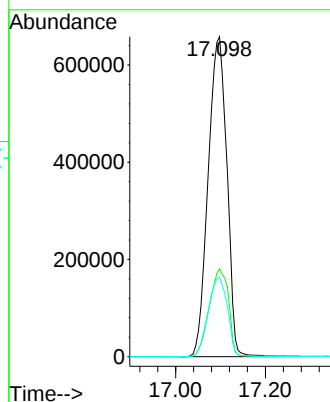
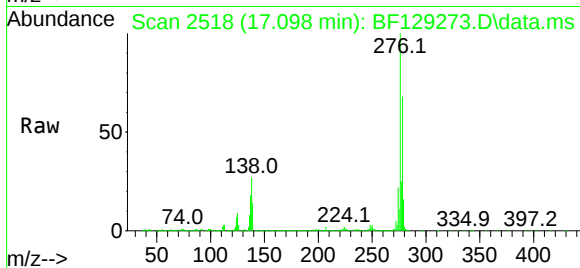
277 25.4 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#88

Benzo(b)fluoranthene

Concen: 49.911 ng

RT: 15.133 min Scan# 2184

Delta R.T. 0.012 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

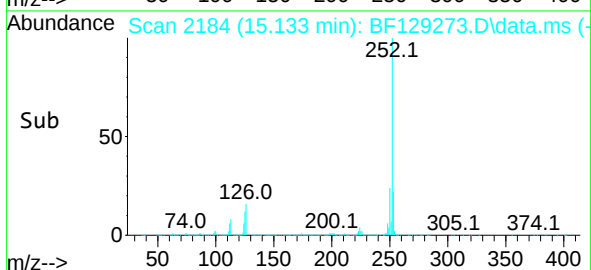
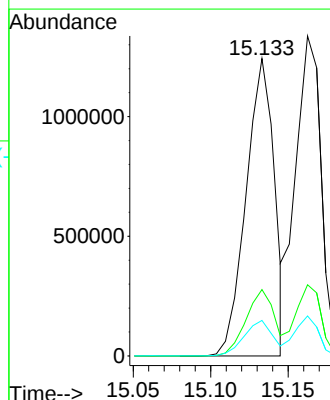
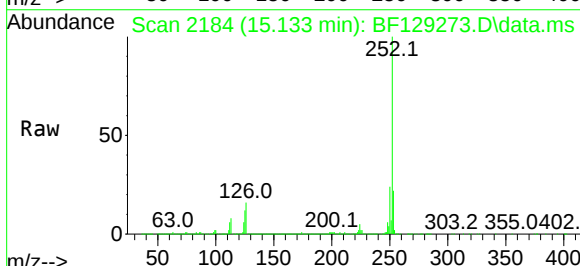
Tgt Ion:252 Resp: 1576603

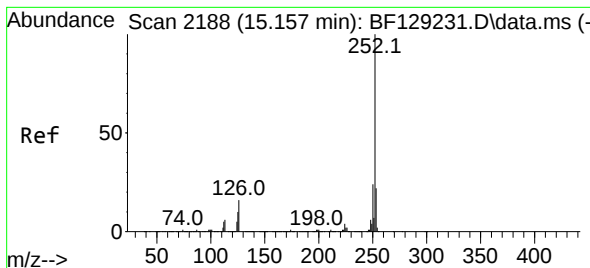
Ion Ratio Lower Upper

252 100

253 22.3 17.7 26.5

125 11.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 49.693 ng m

RT: 15.162 min Scan# 2188

Delta R.T. 0.006 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNF

ClientSampleId :

TP-1MS

Tgt Ion:252 Resp: 153360

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

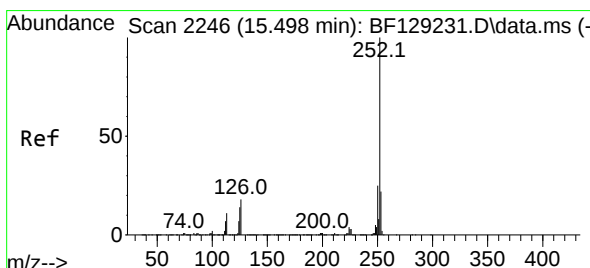
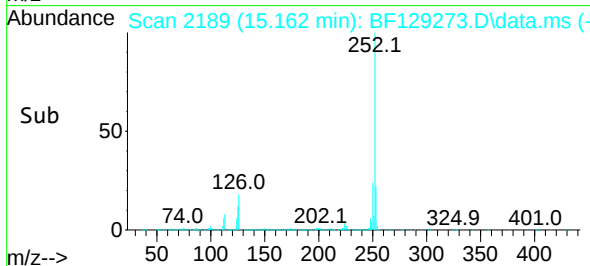
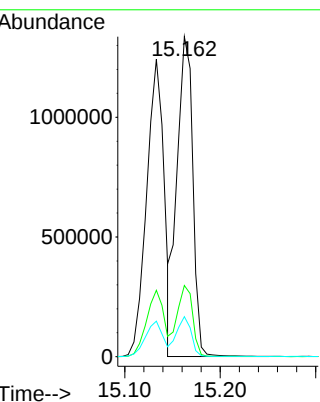
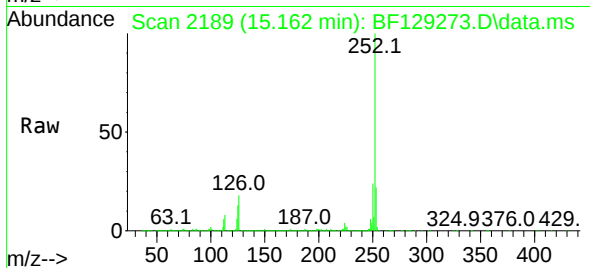
125 12.5 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#90

Benzo(a)pyrene

Concen: 56.608 ng

RT: 15.509 min Scan# 2248

Delta R.T. 0.012 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

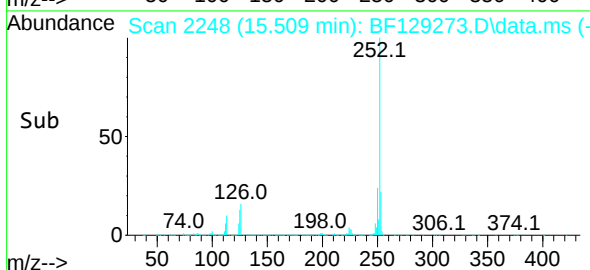
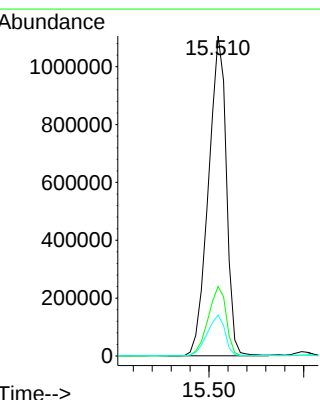
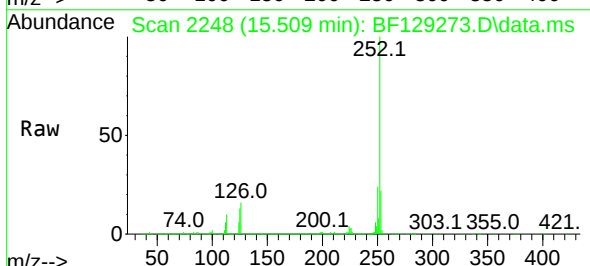
Tgt Ion:252 Resp: 1455687

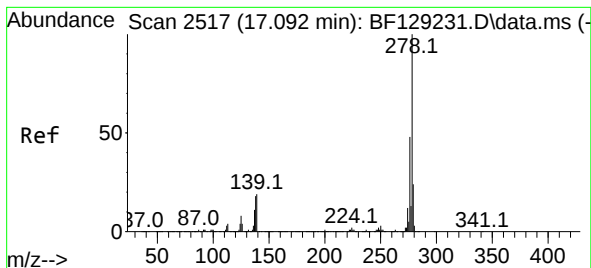
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 12.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 62.454 ng

RT: 17.115 min Scan# 2521

Delta R.T. 0.023 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:278 Resp: 161971

Ion Ratio Lower Upper

278 100

139 18.4 12.8 19.2

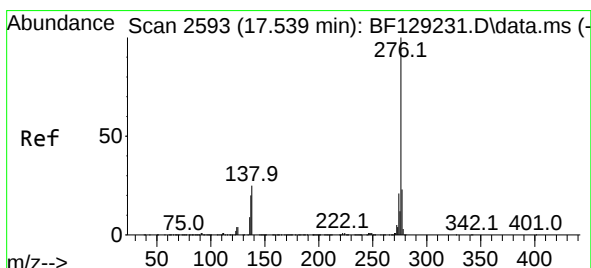
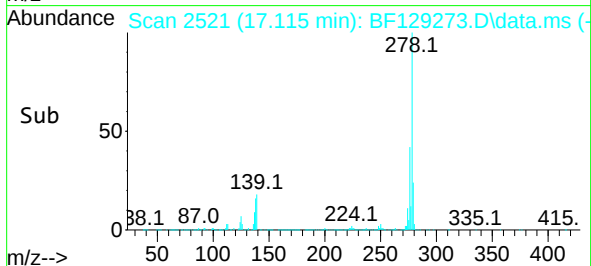
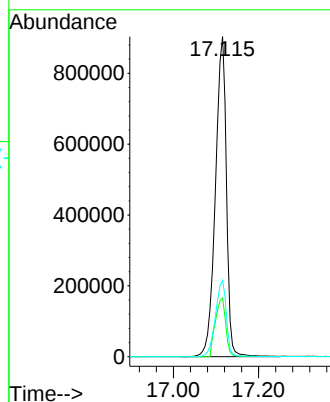
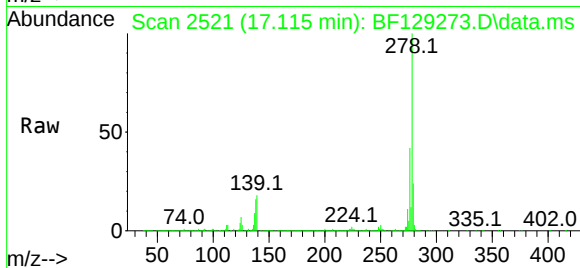
279 23.9 18.6 28.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/19/2022

Supervised By :Jagrut Upadhyay 07/19/2022



#92

Benzo(g,h,i)perylene

Concen: 62.275 ng

RT: 17.562 min Scan# 2597

Delta R.T. 0.024 min

Lab File: BF129273.D

Acq: 18 Jul 2022 18:07

Tgt Ion:276 Resp: 1650921

Ion Ratio Lower Upper

276 100

277 23.1 19.1 28.7

138 24.7 18.0 27.0

