

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071522\
 Data File : BF129245.D
 Acq On : 15 Jul 2022 18:48
 Operator : CG\JU
 Sample : N3731-01MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Jul 16 01:42:24 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 07/18/2022
 Supervised By : Jagrut Upadhyay 07/18/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	266328	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	1081178	20.000	ng	# 0.00
39) Acenaphthene-d10	9.939	164	558712	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	924405	20.000	ng	# 0.00
76) Chrysene-d12	14.074	240	479751	20.000	ng	0.00
86) Perylene-d12	15.562	264	486891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.528	112	2021543	121.223	ng	0.01
7) Phenol-d6	6.528	99	2630267	121.951	ng	0.00
23) Nitrobenzene-d5	7.463	82	1651892	81.671	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	649453	125.237	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	2790476	84.616	ng	0.00
79) Terphenyl-d14	13.016	244	2562882	99.934	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	328212	43.201	ng	91
3) Pyridine	3.551	79	859864	44.010	ng	92
4) n-Nitrosodimethylamine	3.504	42	445800	48.304	ng	89
6) Aniline	6.563	93	1047521	41.340	ng	99
8) 2-Chlorophenol	6.687	128	889117	50.634	ng	97
9) Benzaldehyde	6.451	77	489006	36.945	ng	98
10) Phenol	6.540	94	1056605m	48.769	ng	
11) bis(2-Chloroethyl)ether	6.634	93	890437	50.675	ng	95
12) 1,3-Dichlorobenzene	6.840	146	888239	47.567	ng	98
13) 1,4-Dichlorobenzene	6.916	146	900617	47.684	ng	99
14) 1,2-Dichlorobenzene	7.069	146	867622	49.284	ng	99
15) Benzyl Alcohol	7.040	79	730460	50.853	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.169	45	1395713	49.850	ng	95
17) 2-Methylphenol	7.151	107	707691	47.946	ng	99
18) Hexachloroethane	7.410	117	347324	49.216	ng	90
19) n-Nitroso-di-n-propyla...	7.310	70	611441	48.197	ng	96
20) 3+4-Methylphenols	7.298	107	841527	46.387	ng	96
22) Acetophenone	7.310	105	1155263	46.302	ng	# 99
24) Nitrobenzene	7.481	77	938644	48.785	ng	97
25) Isophorone	7.722	82	1747086	51.395	ng	99
26) 2-Nitrophenol	7.798	139	478436	49.503	ng	92
27) 2,4-Dimethylphenol	7.828	122	819977	54.562	ng	99
28) bis(2-Chloroethoxy)met...	7.928	93	1082057	47.787	ng	99
29) 2,4-Dichlorophenol	8.034	162	715567	47.894	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	706540	45.575	ng	97
31) Naphthalene	8.204	128	2442859	47.689	ng	100
32) Benzoic acid	7.951	122	493364	42.269	ng	98
33) 4-Chloroaniline	8.251	127	712959	33.563	ng	97
34) Hexachlorobutadiene	8.316	225	403348	46.247	ng	99
35) Caprolactam	8.628	113	245451m	49.456	ng	
36) 4-Chloro-3-methylphenol	8.734	107	779513	47.828	ng	92
37) 2-Methylnaphthalene	8.898	142	1607809	48.157	ng	99
38) 1-Methylnaphthalene	8.998	142	1525194	47.237	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	658867	47.431	ng	# 98
41) Hexachlorocyclopentadiene	9.045	237	631877	90.395	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	493830	48.279	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	528892	48.882	ng	# 92
46) 1,1'-Biphenyl	9.363	154	1896298	47.986	ng	100
47) 2-Chloronaphthalene	9.386	162	1483740	47.669	ng	99
48) 2-Nitroaniline	9.481	65	517779	49.513	ng	94
49) Acenaphthylene	9.804	152	2258211	48.202	ng	99
50) Dimethylphthalate	9.663	163	1755227	48.411	ng	99
51) 2,6-Dinitrotoluene	9.728	165	401866	51.222	ng	95
52) Acenaphthene	9.975	154	1602095m	52.317	ng	
53) 3-Nitroaniline	9.898	138	357420	38.151	ng	# 87
54) 2,4-Dinitrophenol	10.004	184	405248	96.377	ng	90
55) Dibenzofuran	10.151	168	2041819	46.969	ng	99
56) 4-Nitrophenol	10.057	139	754733	101.783	ng	95
57) 2,4-Dinitrotoluene	10.133	165	540982	52.584	ng	89
58) Fluorene	10.492	166	1581422	47.830	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	390029m	46.665	ng	
60) Diethylphthalate	10.363	149	1706345	48.667	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	709637	46.332	ng	90
62) 4-Nitroaniline	10.516	138	453245	48.867	ng	92
63) Azobenzene	10.639	77	1755996	46.918	ng	95
65) 4,6-Dinitro-2-methylph...	10.539	198	266178	45.574	ng	93
66) n-Nitrosodiphenylamine	10.604	169	1409340	47.785	ng	95
67) 4-Bromophenyl-phenylether	10.975	248	457434	47.008	ng	97
68) Hexachlorobenzene	11.039	284	487326	47.710	ng	99
69) Atrazine	11.127	200	455011	55.649	ng	96
70) Pentachlorophenol	11.233	266	532639	87.692	ng	98
71) Phenanthrene	11.457	178	2290308	48.799	ng	99
72) Anthracene	11.510	178	2228249	47.795	ng	99
73) Carbazole	11.663	167	2072532	44.567	ng	99
74) Di-n-butylphthalate	11.986	149	2547893	47.676	ng	98
75) Fluoranthene	12.663	202	2367302	50.646	ng	97
77) Benzidine	12.769	184	591726	44.063	ng	100
78) Pyrene	12.886	202	2265700	58.308	ng	100
80) Butylbenzylphthalate	13.486	149	967656	55.909	ng	98
81) Benzo(a)anthracene	14.063	228	1610574	53.223	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	513275	67.804	ng	# 98
83) Chrysene	14.098	228	1462653	50.638	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	1297550	56.342	ng	99
85) Di-n-octyl phthalate	14.657	149	1836293	55.592	ng	100
87) Indeno(1,2,3-cd)pyrene	17.074	276	1756672	57.860	ng	97
88) Benzo(b)fluoranthene	15.127	252	1572839	52.583	ng	98
89) Benzo(k)fluoranthene	15.157	252	1365468m	46.725	ng	
90) Benzo(a)pyrene	15.498	252	1369363	56.236	ng	# 96
91) Dibenzo(a,h)anthracene	17.098	278	1449298	59.016	ng	96
92) Benzo(g,h,i)perylene	17.539	276	1570858	62.576	ng	96

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

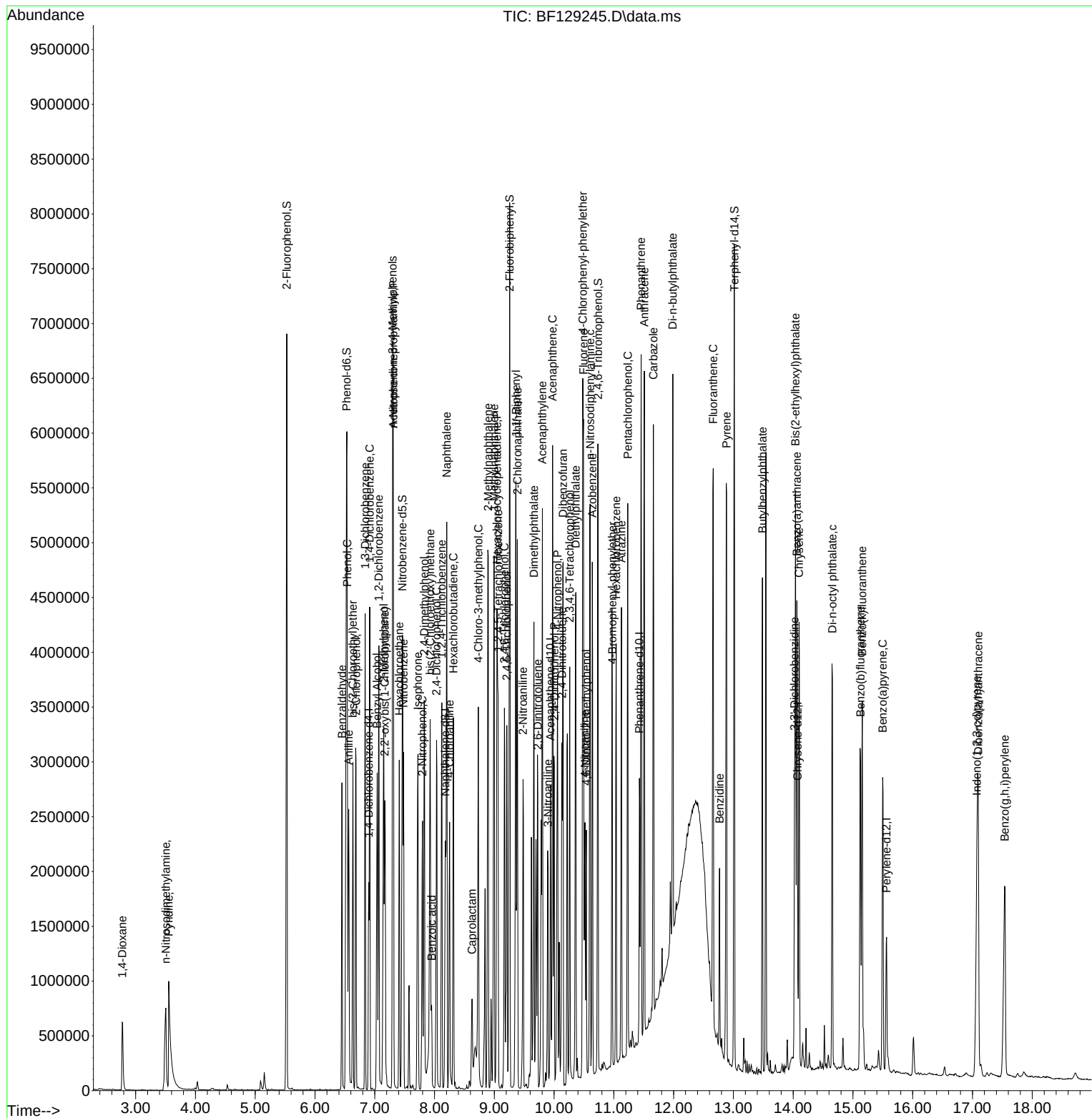
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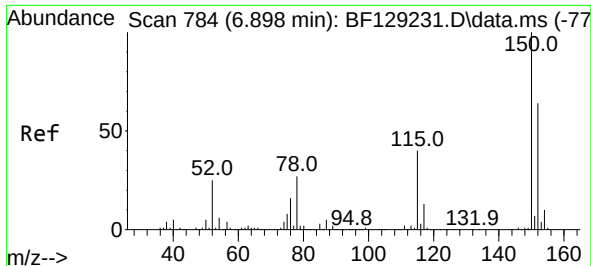
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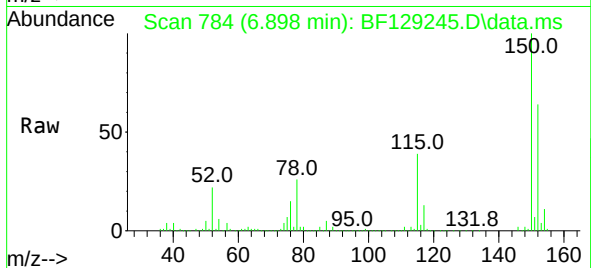
Reviewed By : Christian Giraldo 07/18/2022
Supervised By : Jagrut Upadhyay 07/18/2022





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 70
 Delta R.T. 0.000 min
 Lab File: BF129245.D
 Acq: 15 Jul 2022 18:48

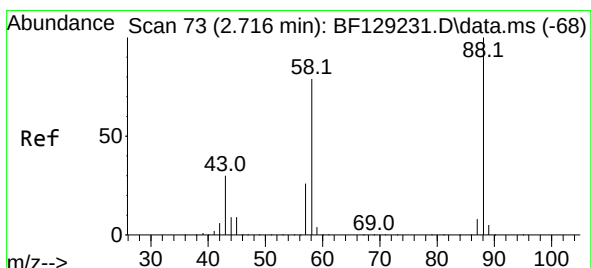
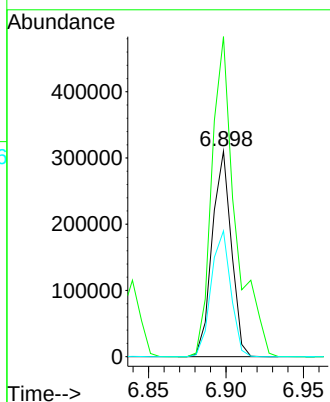
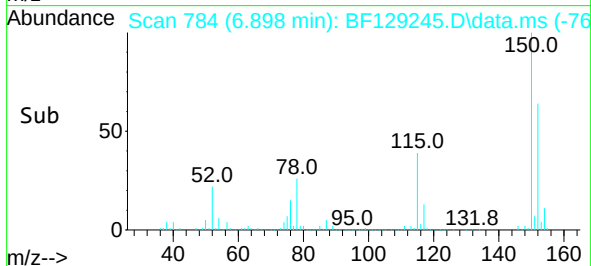
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS



Tgt Ion:152 Resp: 266328
 Ion Ratio Lower Upper
 152 100
 150 155.8 123.7 185.5
 115 61.3 49.9 74.9

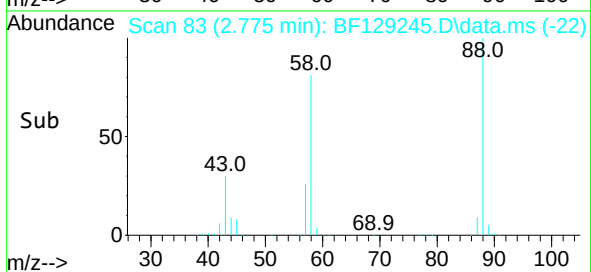
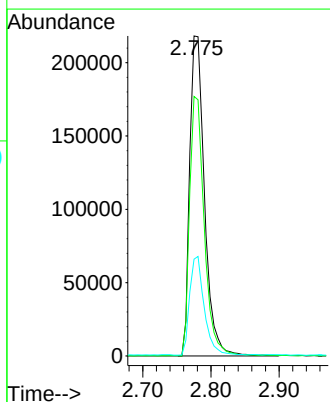
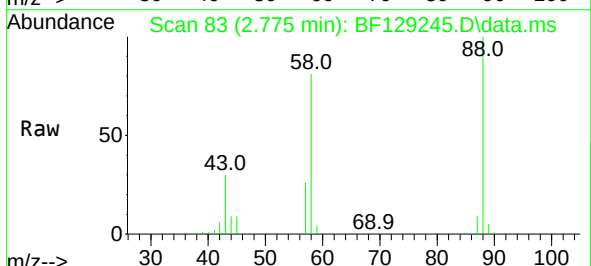
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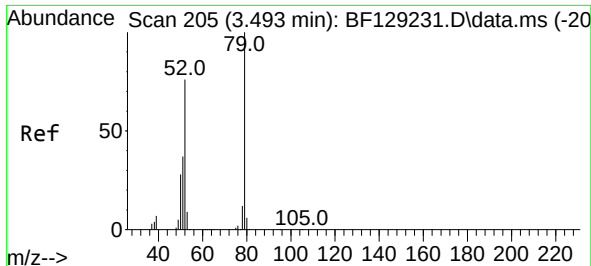
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#2
 1,4-Dioxane
 Concen: 43.201 ng
 RT: 2.775 min Scan# 83
 Delta R.T. 0.059 min
 Lab File: BF129245.D
 Acq: 15 Jul 2022 18:48

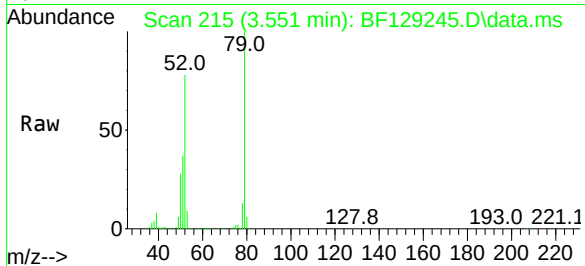
Tgt Ion: 88 Resp: 328212
 Ion Ratio Lower Upper
 88 100
 58 79.9 71.8 107.8
 43 30.4 26.6 39.8





#3
Pyridine
Concen: 44.010 ng
RT: 3.551 min Scan# 215
Delta R.T. 0.059 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

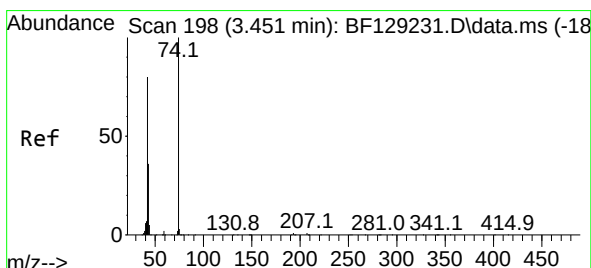
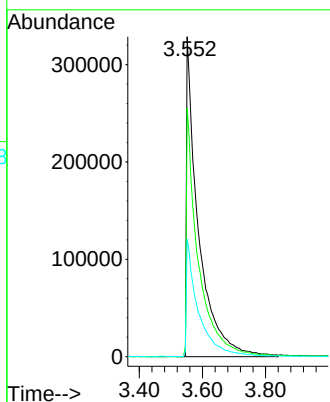
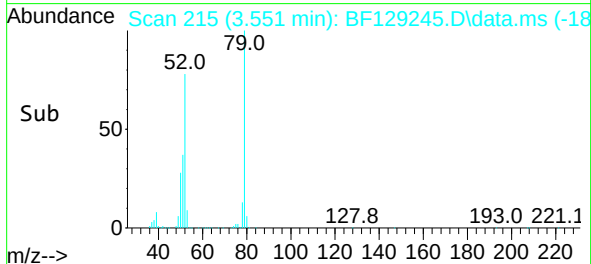
Instrument :
BNA_F
ClientSampleId :
TP-1MS



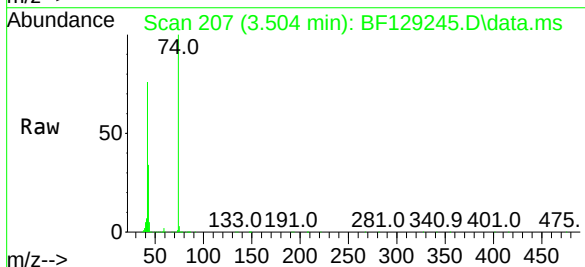
Tgt Ion: 79 Resp: 859864
Ion Ratio Lower Upper
79 100
52 77.7 68.6 102.8
51 36.7 32.9 49.3

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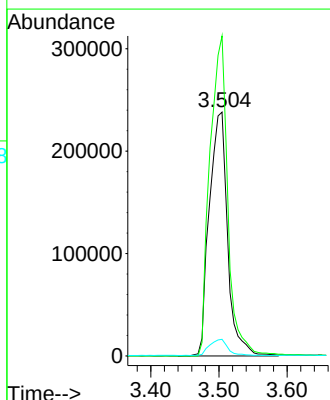
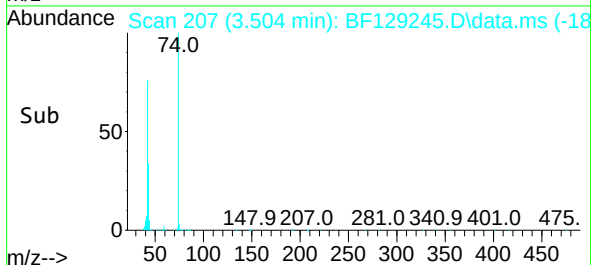
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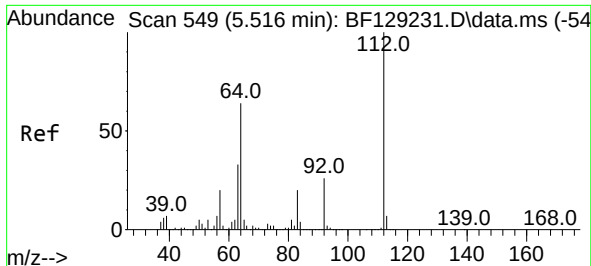


#4
n-Nitrosodimethylamine
Concen: 48.304 ng
RT: 3.504 min Scan# 207
Delta R.T. 0.053 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



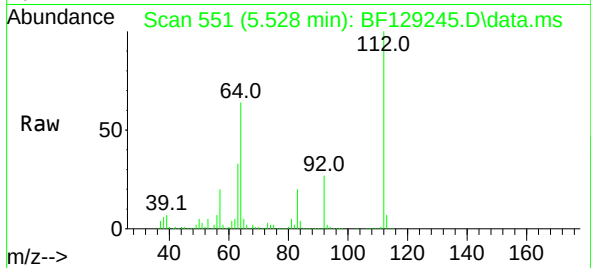
Tgt Ion: 42 Resp: 445800
Ion Ratio Lower Upper
42 100
74 131.2 94.8 142.2
44 6.9 6.6 10.0





#5
2-Fluorophenol
Concen: 121.223 ng
RT: 5.528 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

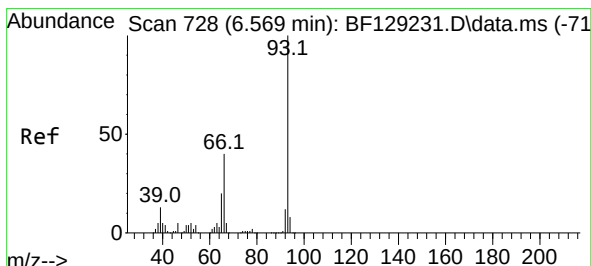
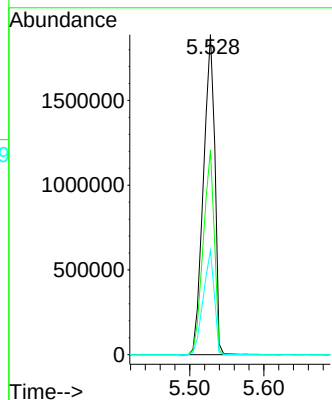
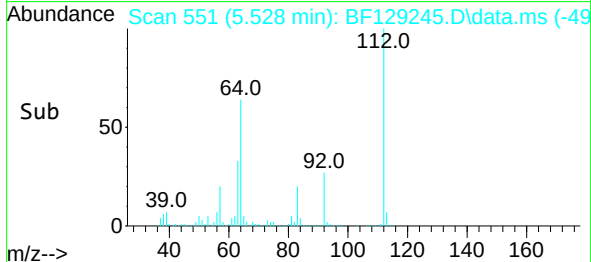
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:112 Resp: 202154
Ion Ratio Lower Upper
112 100
64 64.0 53.3 79.9
63 32.6 28.0 42.0

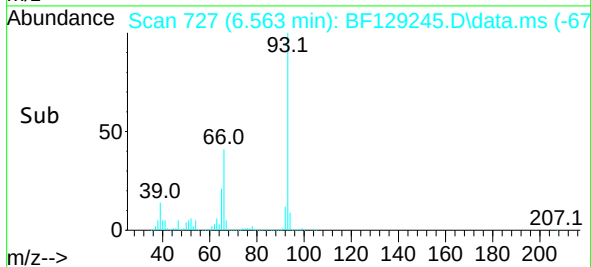
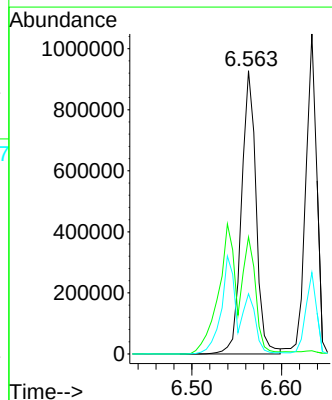
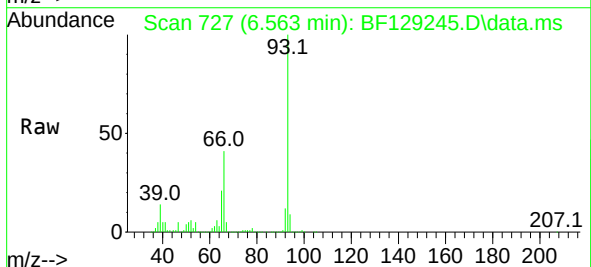
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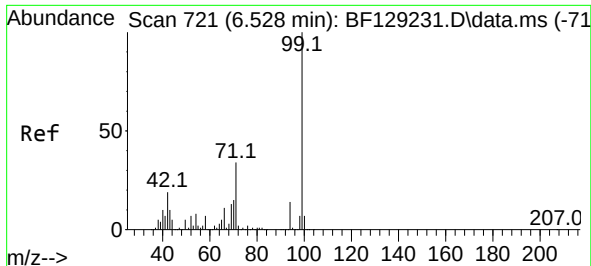
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#6
Aniline
Concen: 41.340 ng
RT: 6.563 min Scan# 727
Delta R.T. -0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

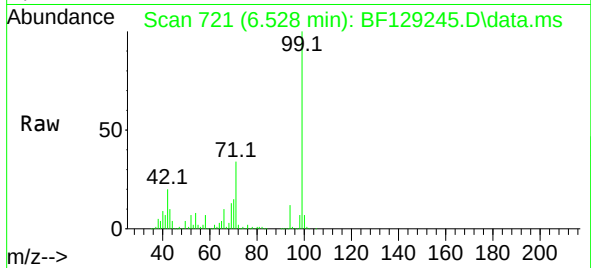
Tgt Ion: 93 Resp: 1047521
Ion Ratio Lower Upper
93 100
66 41.3 32.5 48.7
65 21.2 16.4 24.6





#7
Phenol-d6
Concen: 121.951 ng
RT: 6.528 min Scan# 721
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

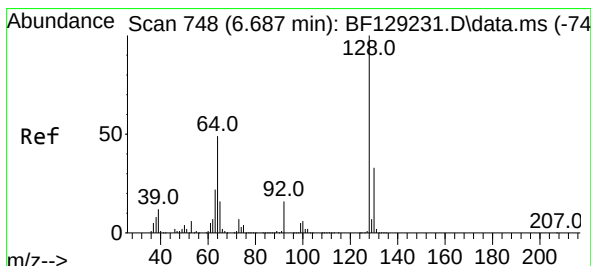
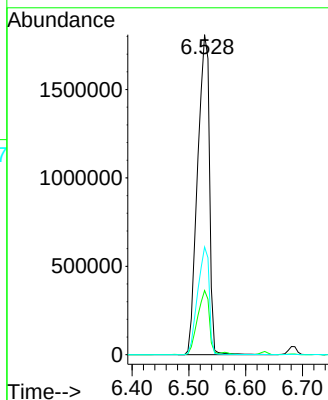
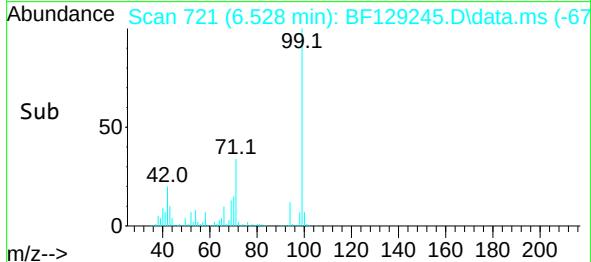
Instrument :
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Tgt Ion: 99 Resp: 263026
Ion Ratio Lower Upper
99 100
42 20.1 17.3 25.9
71 33.7 28.9 43.3

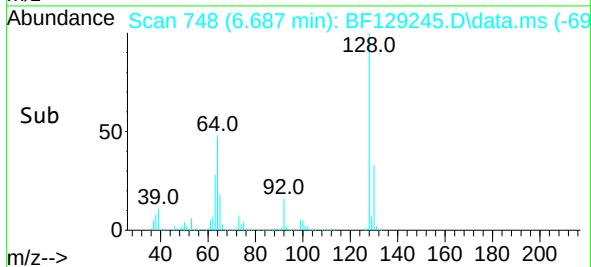
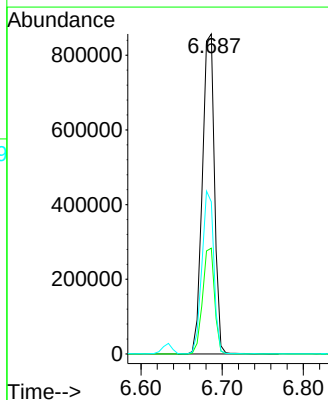
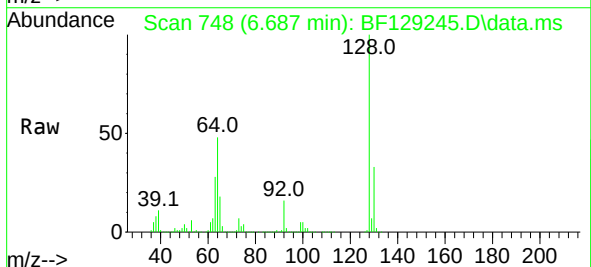
Manual Integrations
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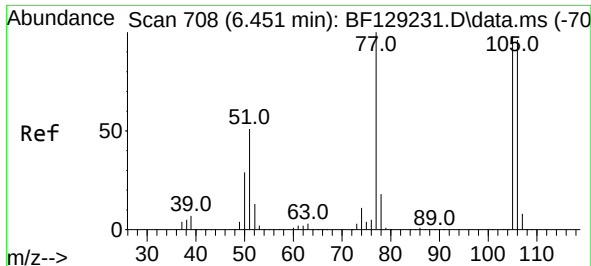
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#8
2-Chlorophenol
Concen: 50.634 ng
RT: 6.687 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

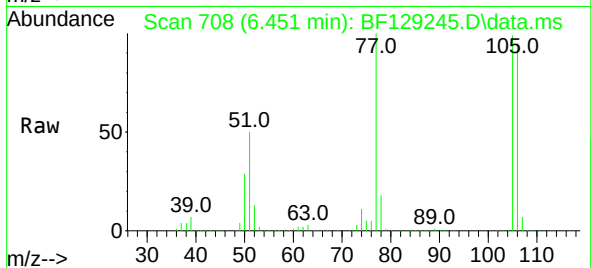
Tgt Ion:128 Resp: 889117
Ion Ratio Lower Upper
128 100
130 33.0 13.1 53.1
64 47.6 30.9 70.9





#9
Benzaldehyde
Concen: 36.945 ng
RT: 6.451 min Scan# 708
Delta R.T. 0.000 min
Lab File: BF129245.D
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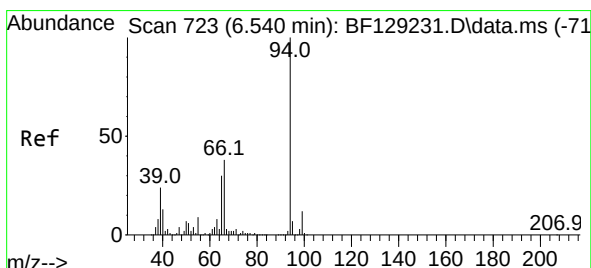
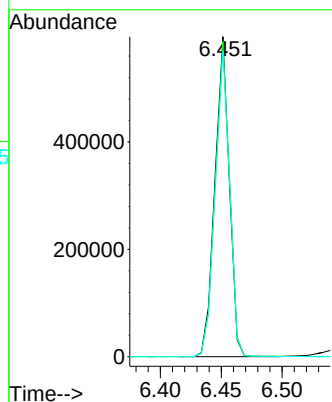
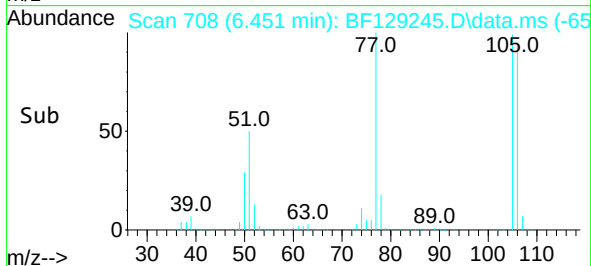
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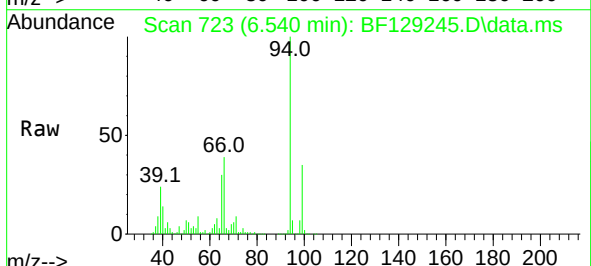
Tgt Ion: 77 Resp: 489000
Ion Ratio Lower Upper
77 100
105 98.5 81.6 121.6
106 95.4 76.1 116.1

Manual Integrations
APPROVED

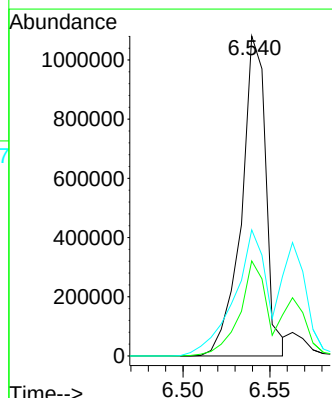
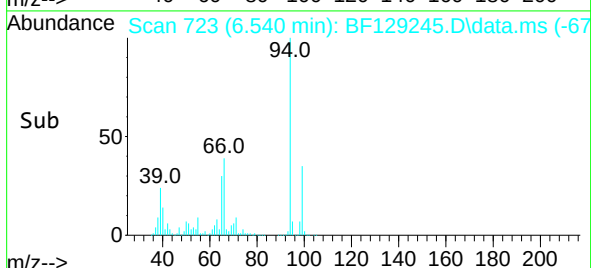
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

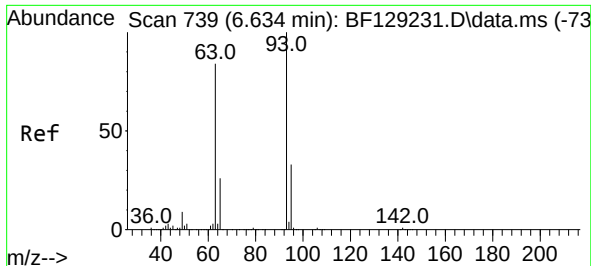


#10
Phenol
Concen: 48.769 ng m
RT: 6.540 min Scan# 723
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



Tgt Ion: 94 Resp: 1056605
Ion Ratio Lower Upper
94 100
65 29.7 11.4 51.4
66 39.4 21.4 61.4





#11

bis(2-Chloroethyl)ether

Concen: 50.675 ng

RT: 6.634 min Scan# 739

Delta R.T. 0.000 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion: 93 Resp: 89043

Ion Ratio Lower Upper

93 100

63 81.1 67.4 107.4

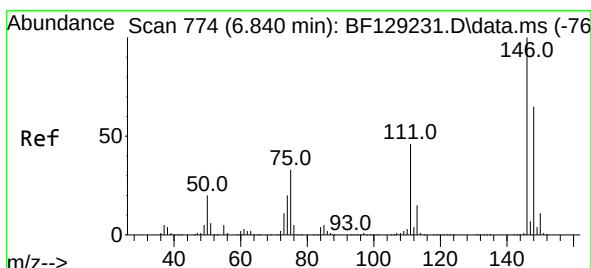
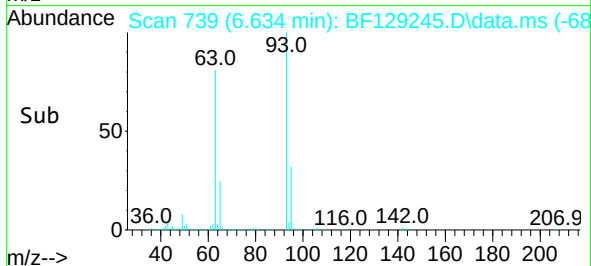
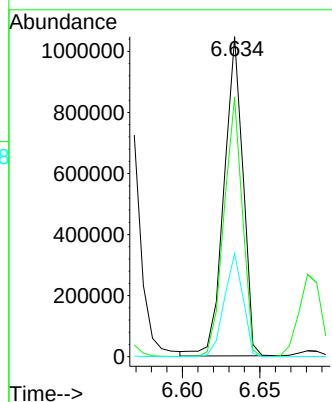
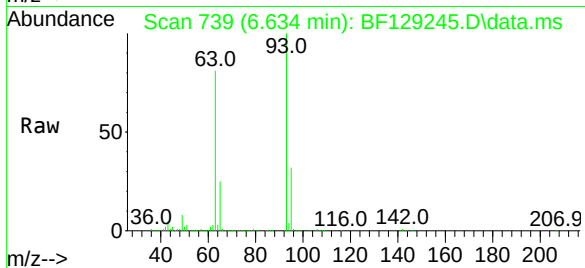
95 32.3 12.7 52.7

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#12

1,3-Dichlorobenzene

Concen: 47.567 ng

RT: 6.840 min Scan# 774

Delta R.T. 0.000 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

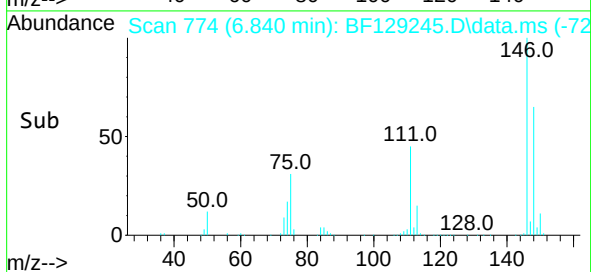
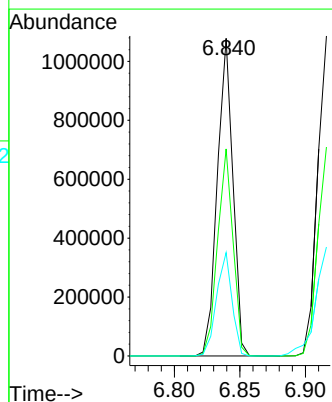
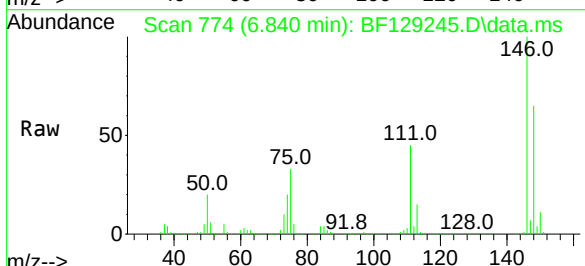
Tgt Ion:146 Resp: 888239

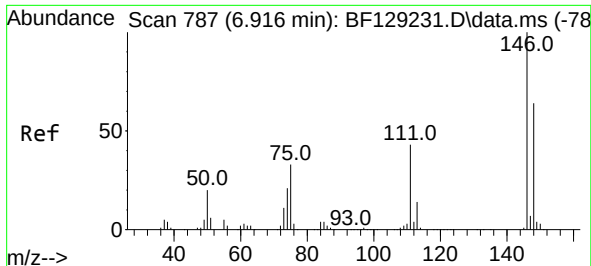
Ion Ratio Lower Upper

146 100

148 65.2 50.6 75.8

75 32.6 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 47.684 ng

RT: 6.916 min Scan# 787

Delta R.T. 0.000 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:146 Resp: 90061

Ion Ratio Lower Upper

146 100

148 65.3 51.1 76.7

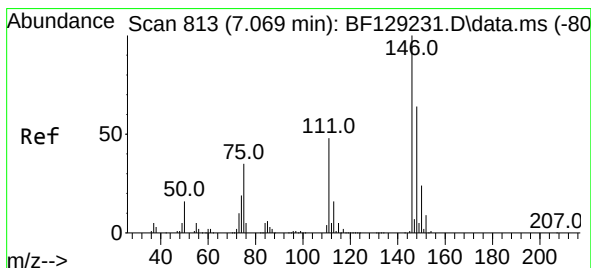
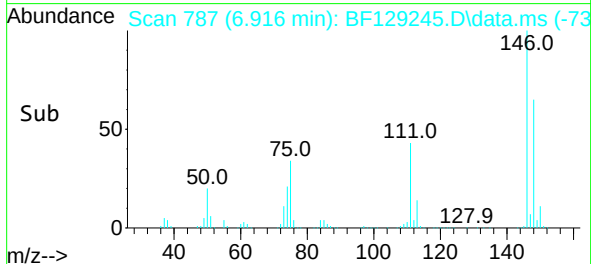
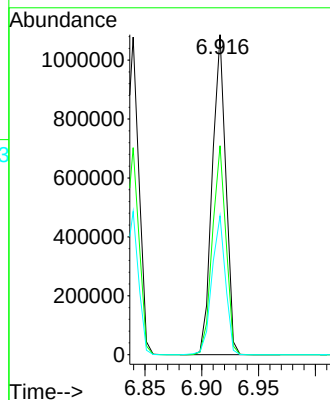
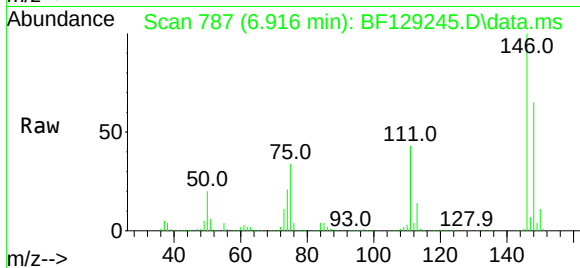
111 43.4 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#14

1,2-Dichlorobenzene

Concen: 49.284 ng

RT: 7.069 min Scan# 813

Delta R.T. 0.000 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

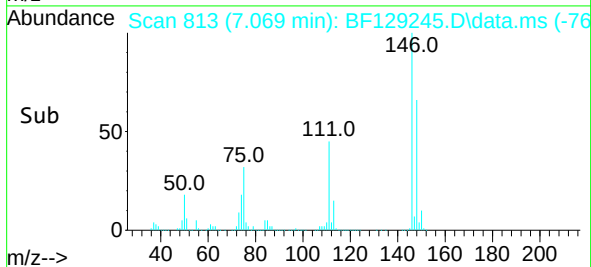
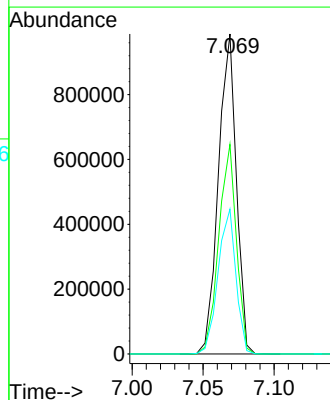
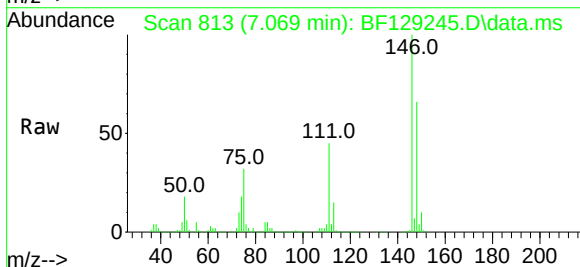
Tgt Ion:146 Resp: 867622

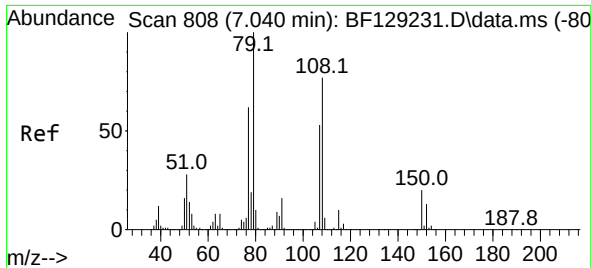
Ion Ratio Lower Upper

146 100

148 65.5 51.8 77.8

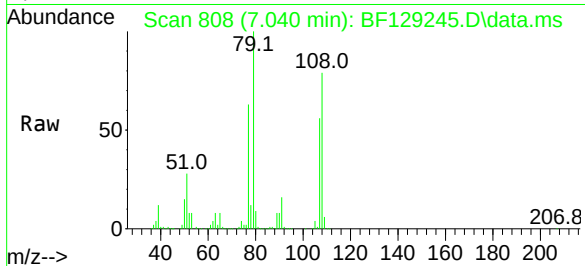
111 45.3 35.1 52.7





#15
Benzyl Alcohol
Concen: 50.853 ng
RT: 7.040 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

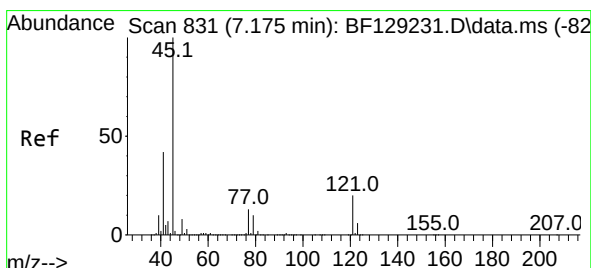
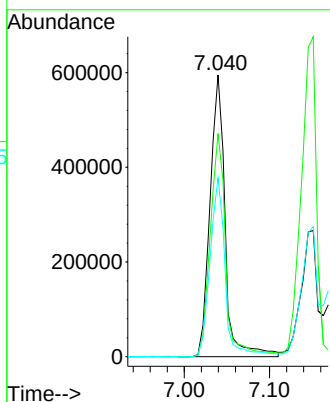
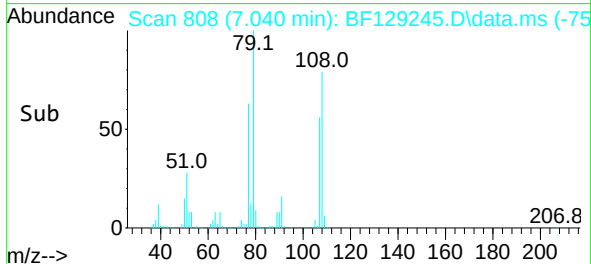
Instrument :
BNA_F
ClientSampleId :
TP-1MS



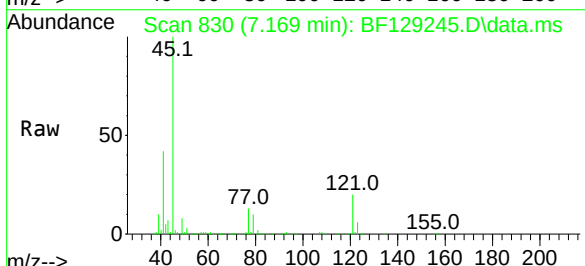
Tgt Ion: 79 Resp: 730460
Ion Ratio Lower Upper
79 100
108 79.2 61.8 92.6
77 63.5 50.2 75.4

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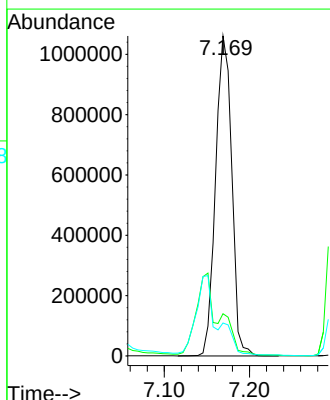
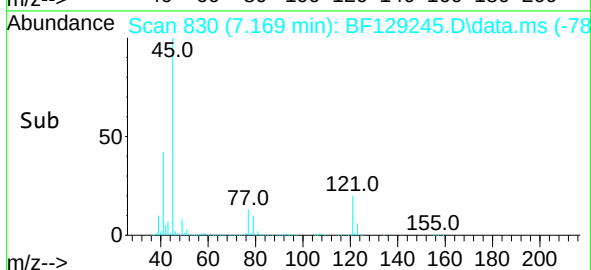
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

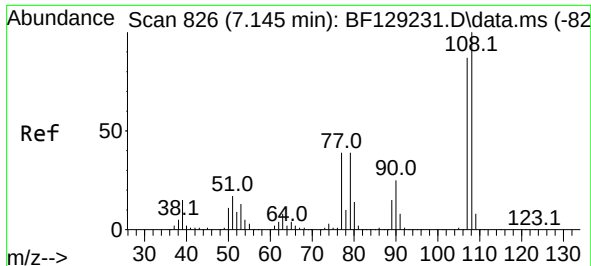


#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.850 ng
RT: 7.169 min Scan# 830
Delta R.T. -0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



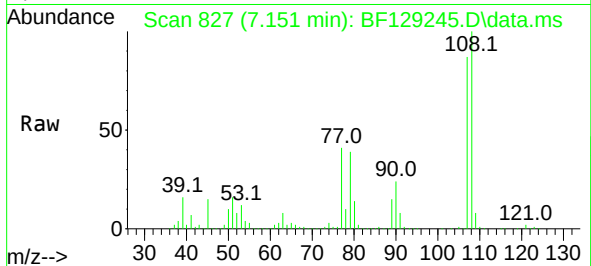
Tgt Ion: 45 Resp: 1395713
Ion Ratio Lower Upper
45 100
77 13.2 0.0 31.3
79 10.3 0.0 28.3





#17
2-Methylphenol
Concen: 47.946 ng
RT: 7.151 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

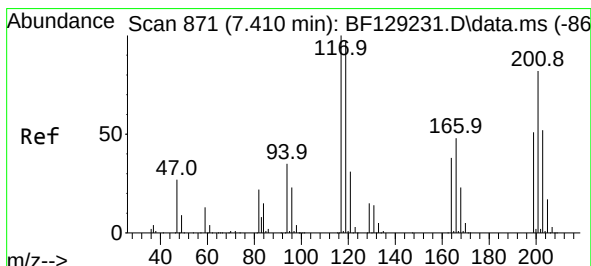
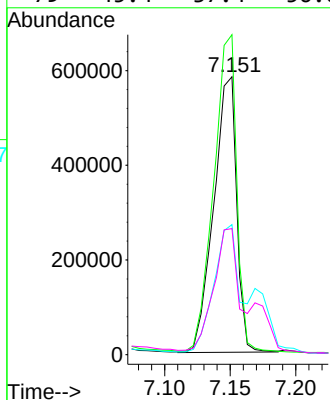
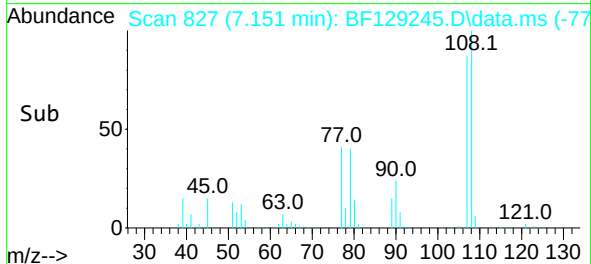
Instrument :
BNA_F
Client SampleId :
TP-1MS



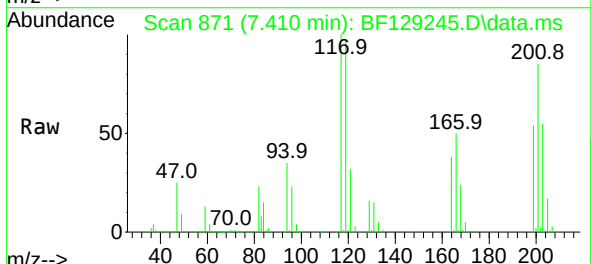
Tgt Ion:107 Resp: 70769
Ion Ratio Lower Upper
107 100
108 115.1 91.9 137.9
77 46.8 37.8 56.8
79 45.4 37.4 56.0

Manual Integrations
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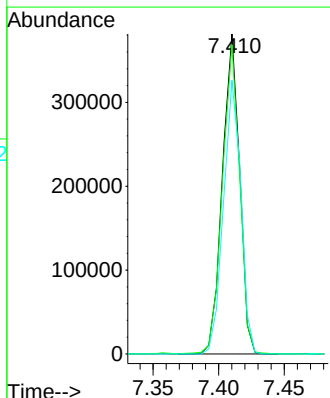
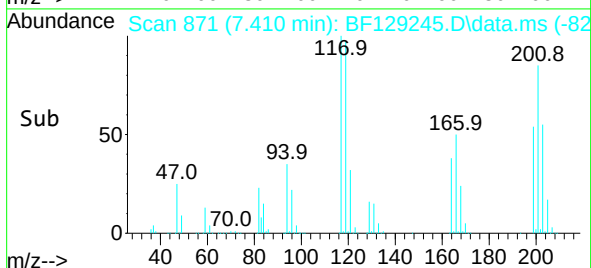
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

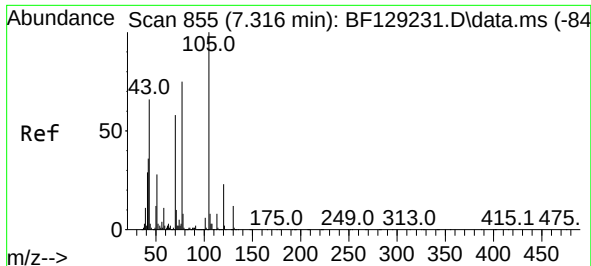


#18
Hexachloroethane
Concen: 49.216 ng
RT: 7.410 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



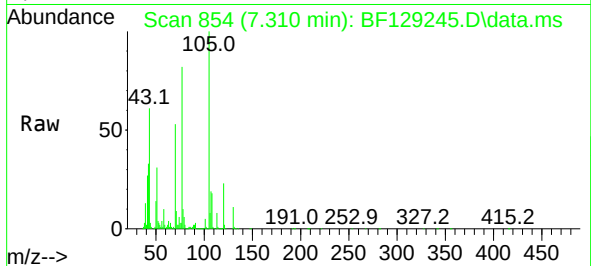
Tgt Ion:117 Resp: 347324
Ion Ratio Lower Upper
117 100
119 96.6 77.4 116.2
201 85.5 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.197 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

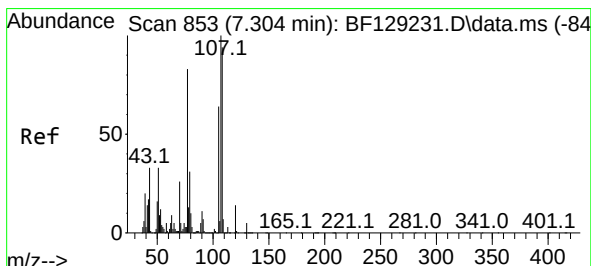
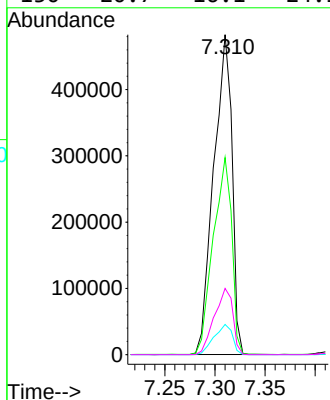
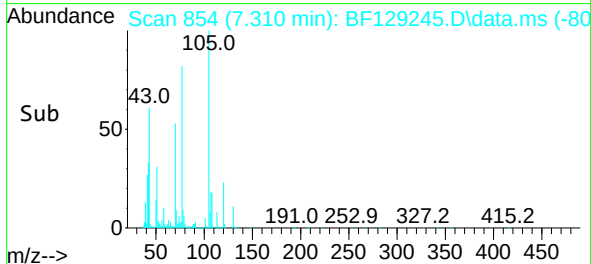
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 70 Resp: 61144
Ion Ratio Lower Upper
70 100
42 61.6 52.3 78.5
101 9.5 7.5 11.3
130 20.7 16.1 24.1

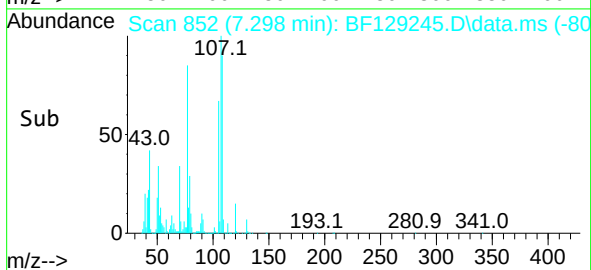
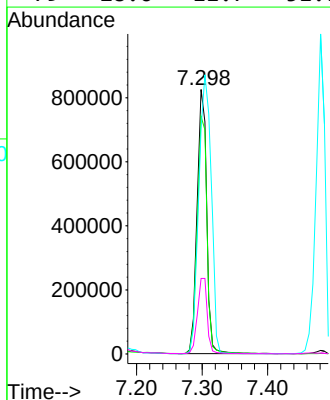
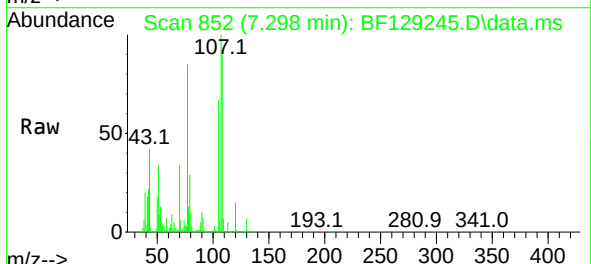
Manual Integrations
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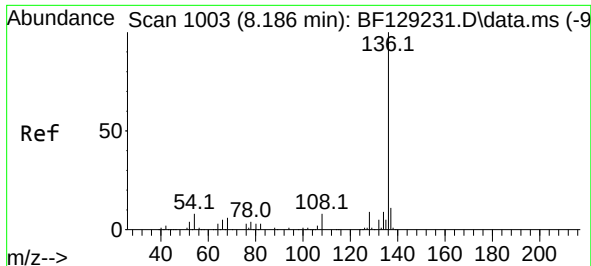
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#20
3+4-Methylphenols
Concen: 46.387 ng
RT: 7.298 min Scan# 852
Delta R.T. -0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

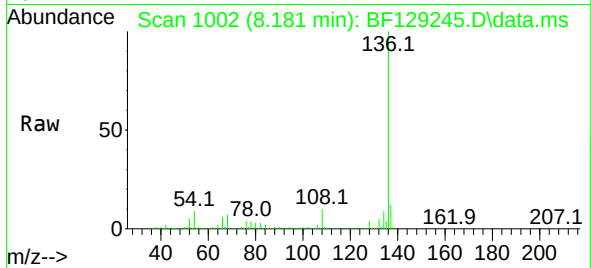
Tgt Ion:107 Resp: 841527
Ion Ratio Lower Upper
107 100
108 89.9 71.8 111.8
77 85.3 59.3 99.3
79 28.6 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

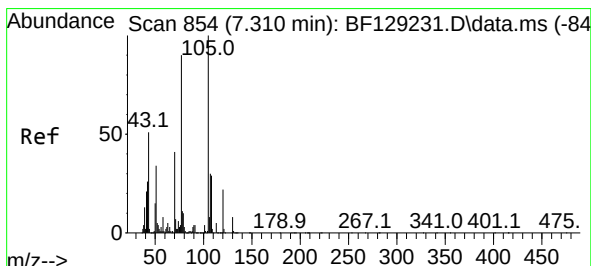
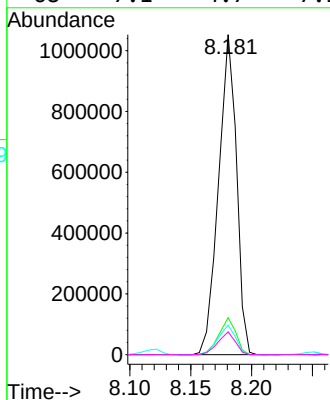
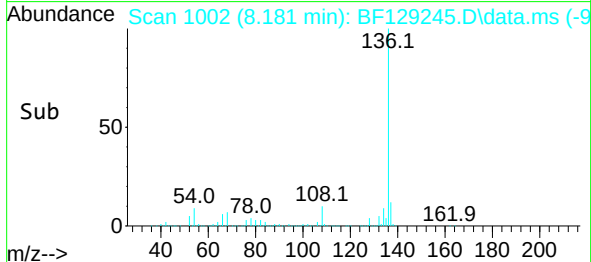
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:136 Resp: 1081178
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 9.2 7.5 11.3
68 7.1 4.7 7.1#

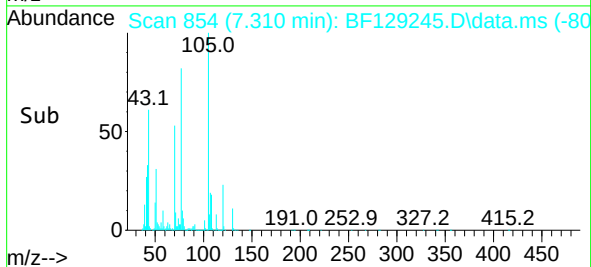
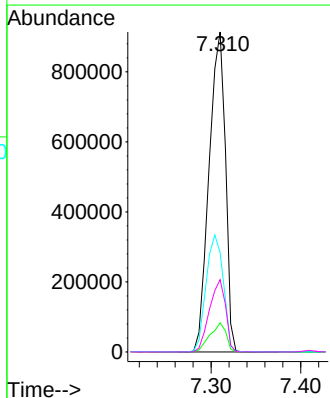
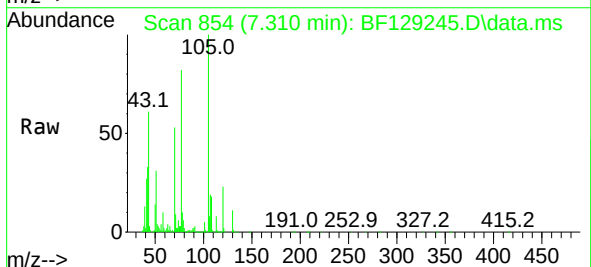
Manual Integrations
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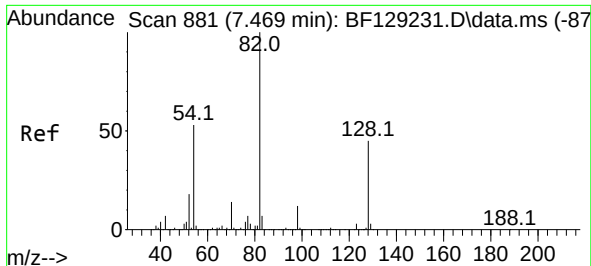
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#22
Acetophenone
Concen: 46.302 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

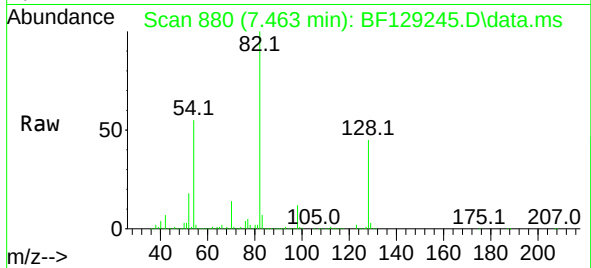
Tgt Ion:105 Resp: 1155263
Ion Ratio Lower Upper
105 100
71 9.1 5.0 7.4#
51 31.0 25.0 37.4
120 22.6 17.8 26.8





#23
Nitrobenzene-d5
Concen: 81.671 ng
RT: 7.463 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

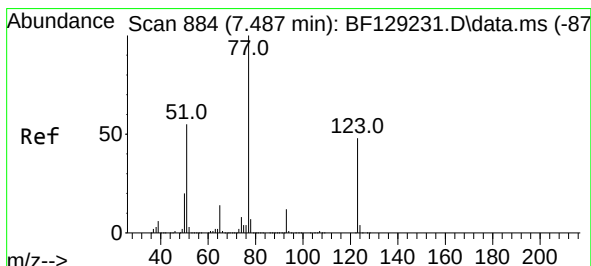
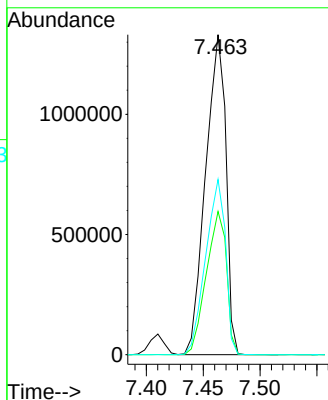
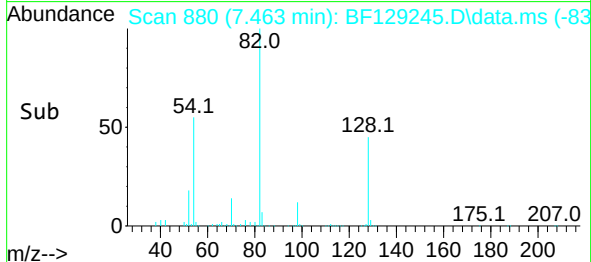
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion: 82 Resp: 1651892
Ion Ratio Lower Upper
82 100
128 44.8 34.0 51.0
54 54.7 46.9 70.3

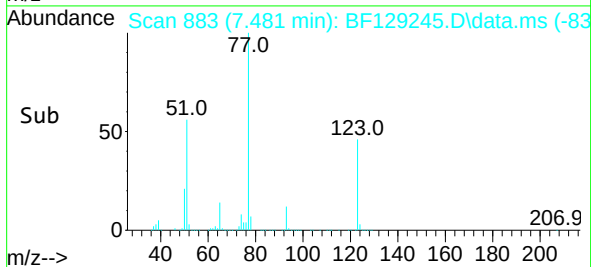
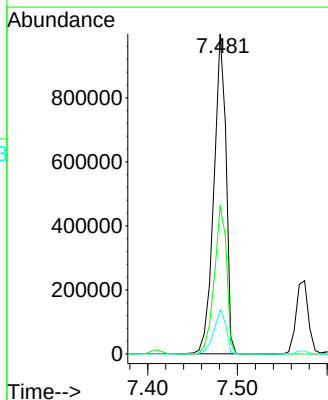
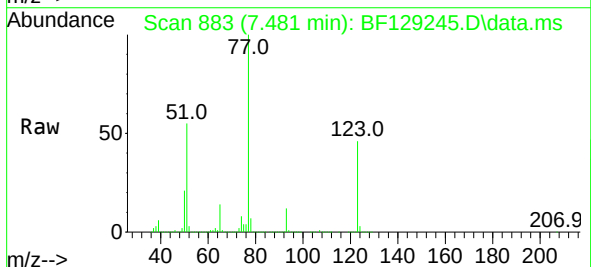
Manual Integrations
APPROVED

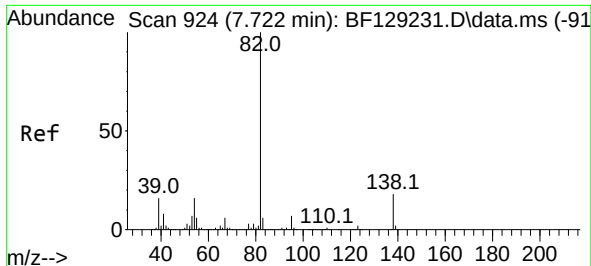
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#24
Nitrobenzene
Concen: 48.785 ng
RT: 7.481 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

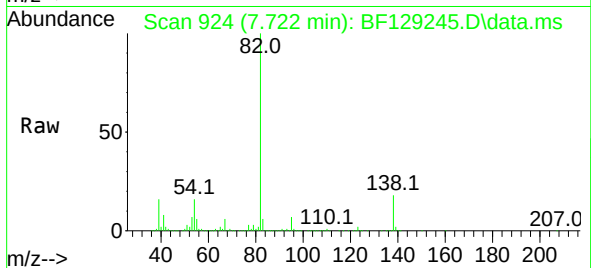
Tgt Ion: 77 Resp: 938644
Ion Ratio Lower Upper
77 100
123 46.2 35.4 53.2
65 13.8 11.8 17.8





#25
Isophorone
Concen: 51.395 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

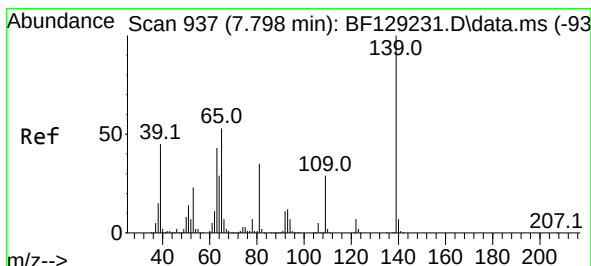
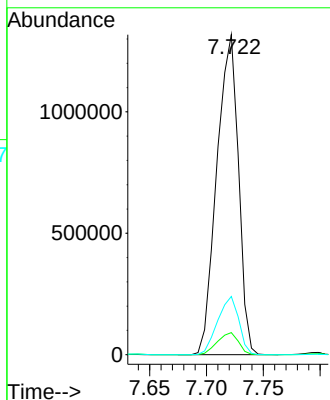
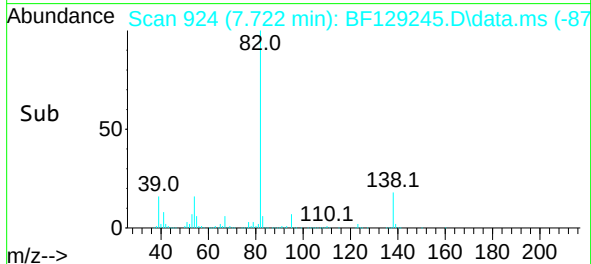
Instrument :
BNA_F
ClientSampleId :
TP-1MS



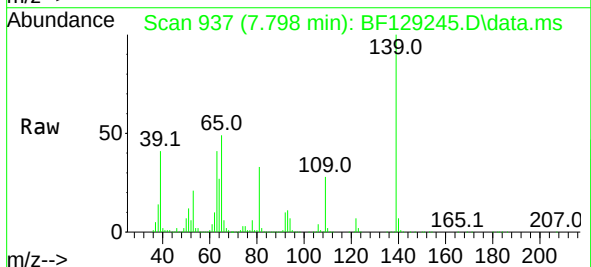
Tgt Ion: 82 Resp: 1747080
Ion Ratio Lower Upper
82 100
95 6.9 5.7 8.5
138 18.2 14.2 21.2

Manual Integrations
APPROVED

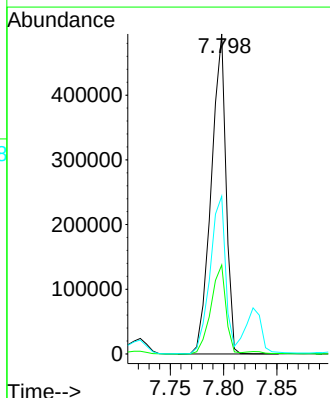
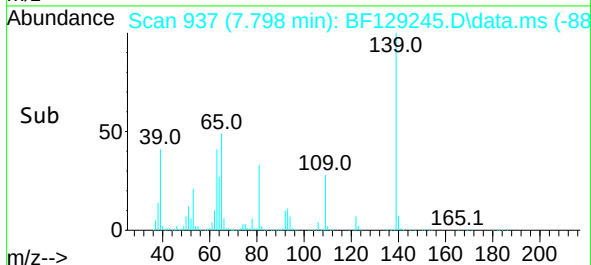
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

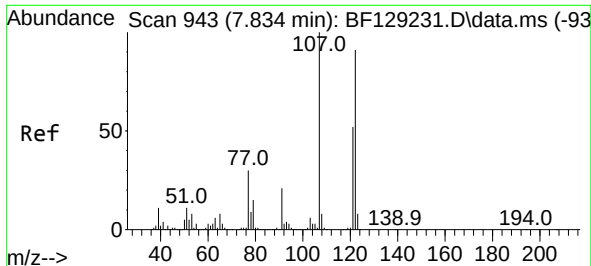


#26
2-Nitrophenol
Concen: 49.503 ng
RT: 7.798 min Scan# 937
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



Tgt Ion:139 Resp: 478436
Ion Ratio Lower Upper
139 100
109 27.8 25.0 37.4
65 49.3 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 54.562 ng

RT: 7.828 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:122 Resp: 81997

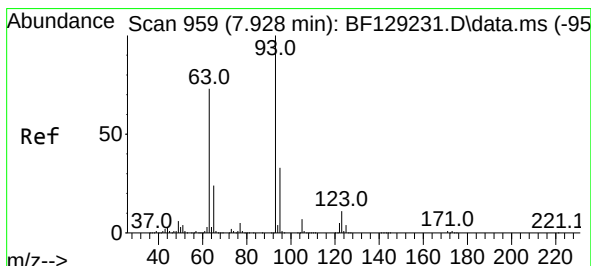
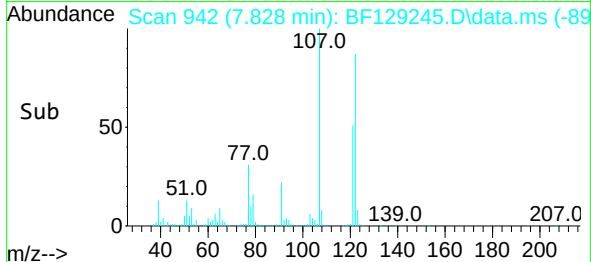
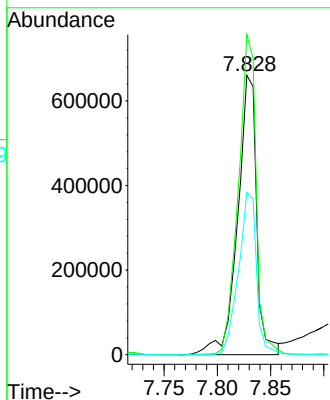
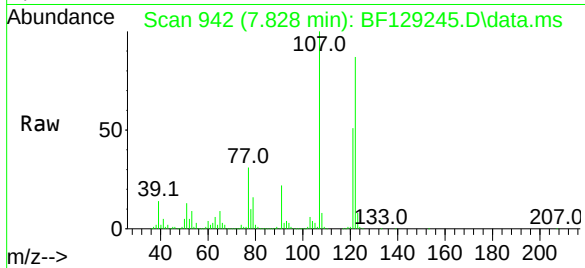
Ion	Ratio	Lower	Upper
122	100		
107	114.6	93.0	139.6
121	58.2	46.6	70.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 47.787 ng

RT: 7.928 min Scan# 959

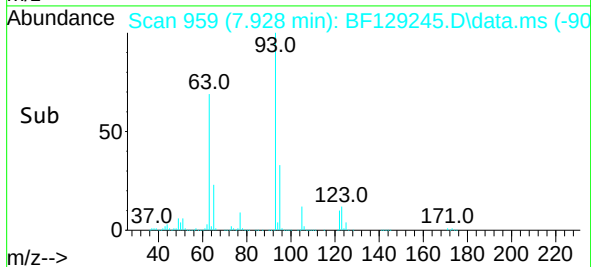
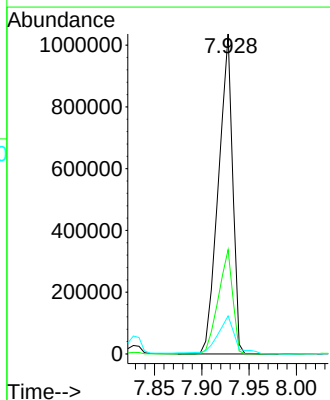
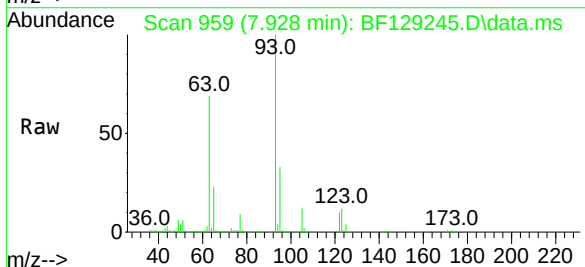
Delta R.T. 0.000 min

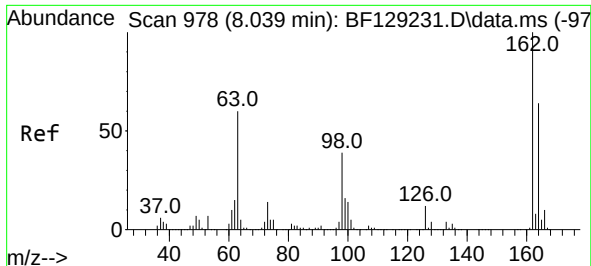
Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Tgt Ion: 93 Resp: 1082057

Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.8	40.2
123	11.9	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 47.894 ng

RT: 8.034 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:162 Resp: 71556

Ion Ratio Lower Upper

162 100

164 63.0 44.2 84.2

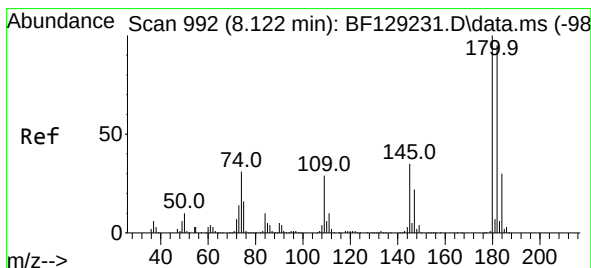
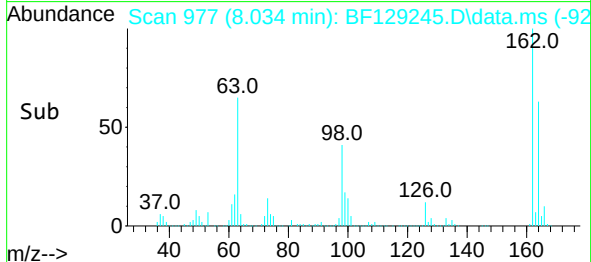
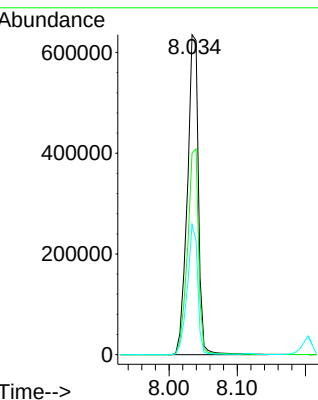
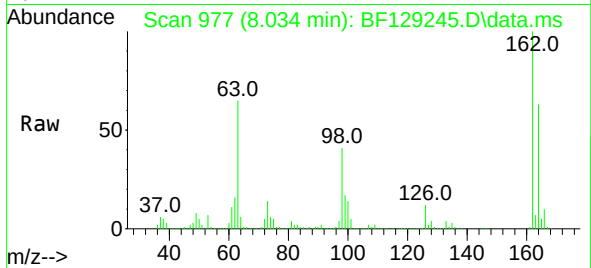
98 40.7 19.6 59.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.575 ng

RT: 8.122 min Scan# 992

Delta R.T. 0.000 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

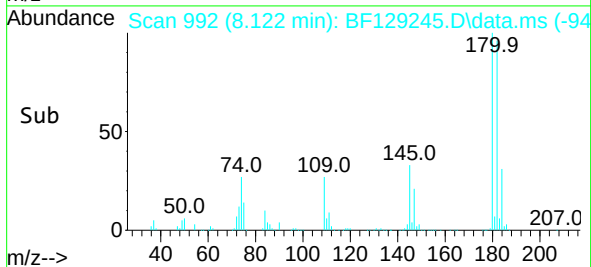
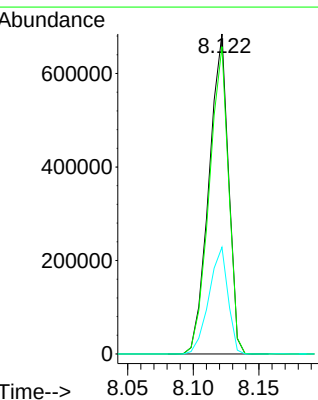
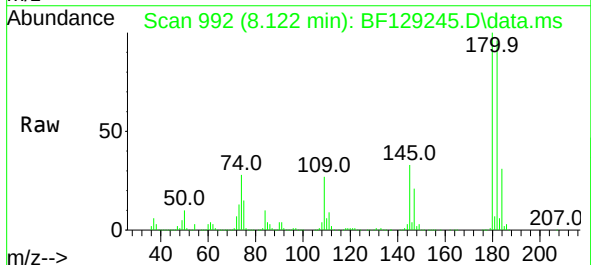
Tgt Ion:180 Resp: 706540

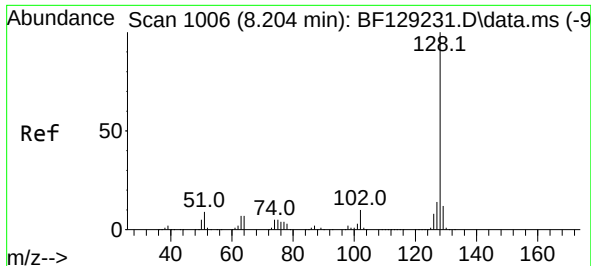
Ion Ratio Lower Upper

180 100

182 96.1 79.2 118.8

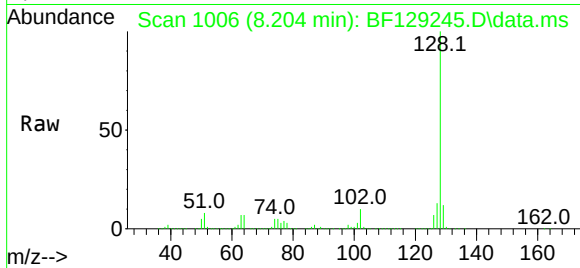
145 33.4 26.2 39.2





#31
Naphthalene
Concen: 47.689 ng
RT: 8.204 min Scan# 1006
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

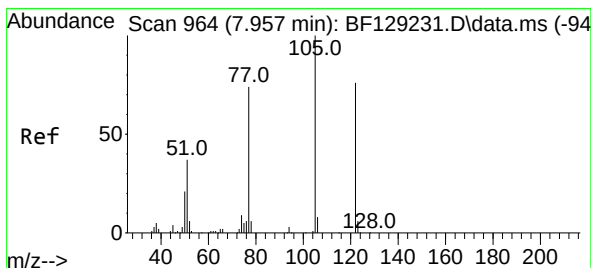
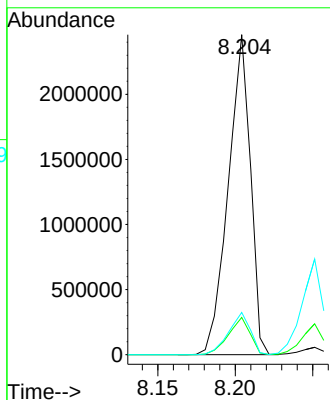
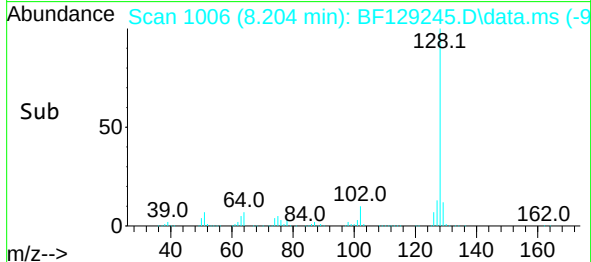
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:128 Resp: 2442859
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.2 10.5 15.7

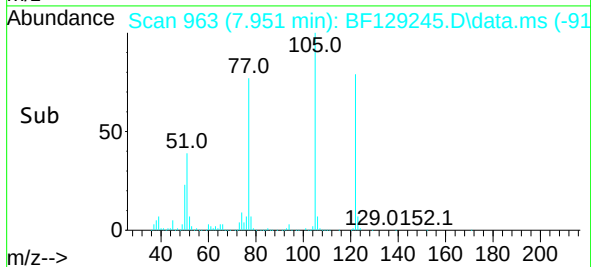
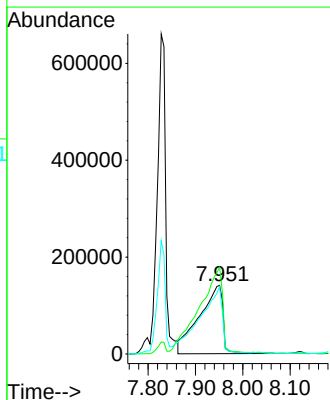
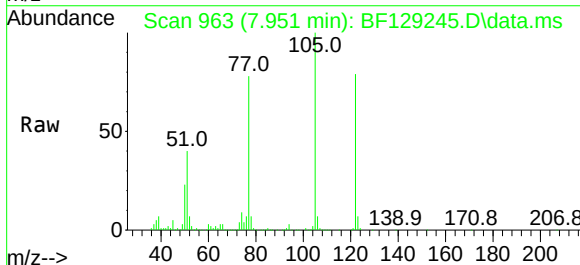
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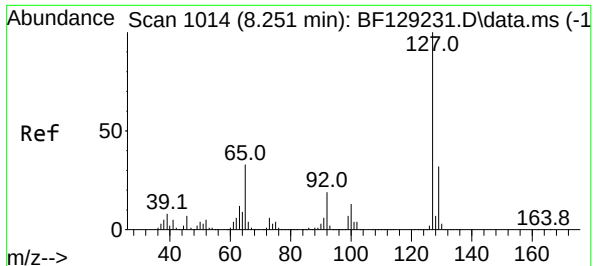
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#32
Benzoic acid
Concen: 42.269 ng
RT: 7.951 min Scan# 963
Delta R.T. -0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

Tgt Ion:122 Resp: 493364
Ion Ratio Lower Upper
122 100
105 126.3 107.1 147.1
77 97.9 74.2 114.2





#33

4-Chloroaniline

Concen: 33.563 ng

RT: 8.251 min Scan# 1014

Delta R.T. 0.000 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:127 Resp: 71295

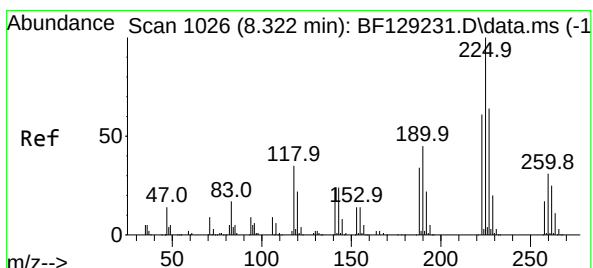
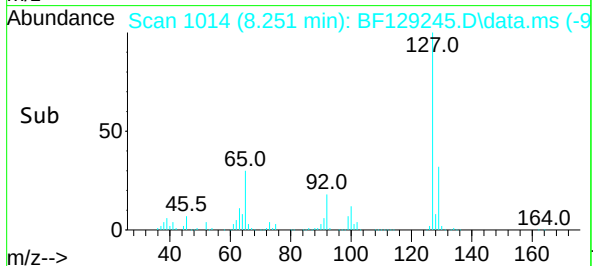
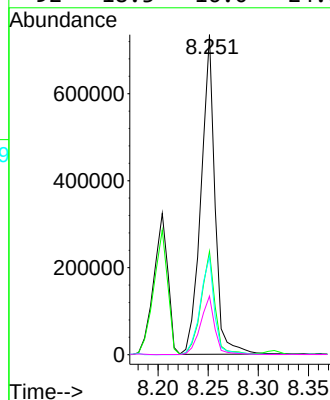
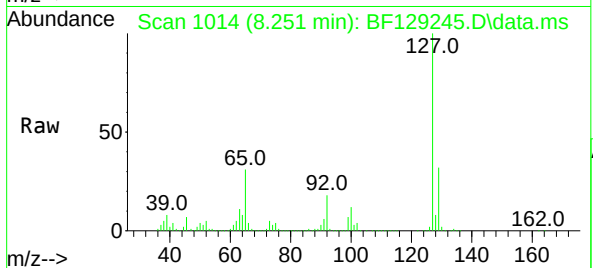
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.4	39.6
65	30.7	26.4	39.6
92	18.3	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#34

Hexachlorobutadiene

Concen: 46.247 ng

RT: 8.316 min Scan# 1025

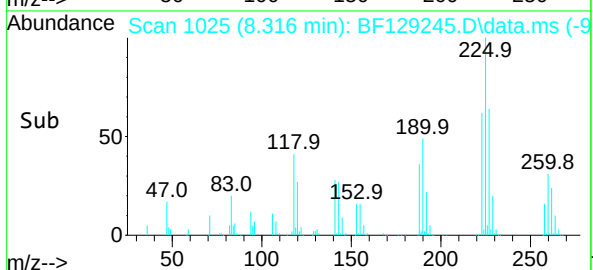
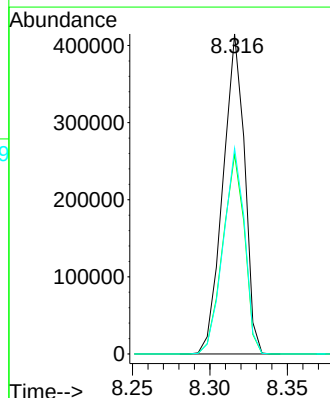
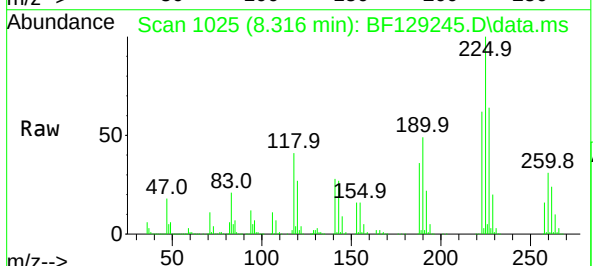
Delta R.T. -0.006 min

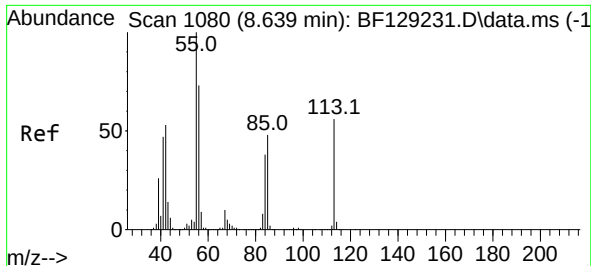
Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Tgt Ion:225 Resp: 403348

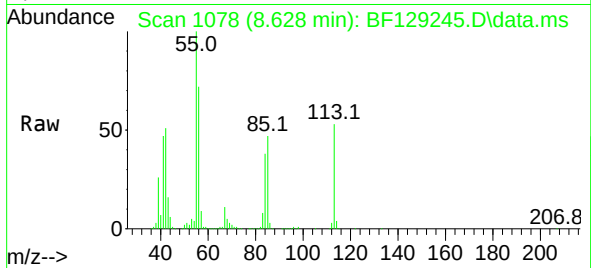
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.0	76.6
227	64.3	51.1	76.7





#35
Caprolactam
Concen: 49.456 ng m
RT: 8.628 min Scan# 1078
Delta R.T. -0.012 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

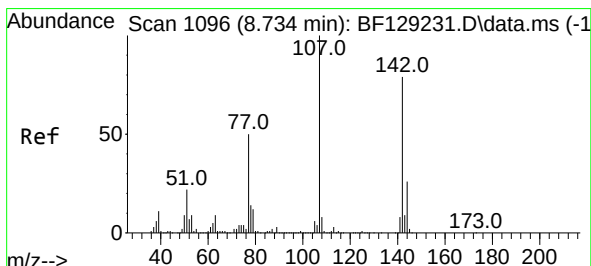
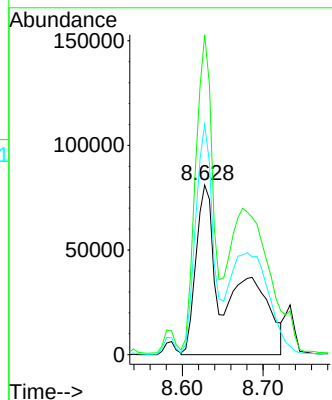
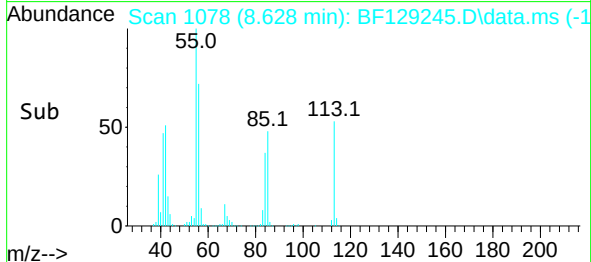
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:113 Resp: 24545
Ion Ratio Lower Upper
113 100
55 188.7 188.5 228.5
56 135.7 130.6 170.6

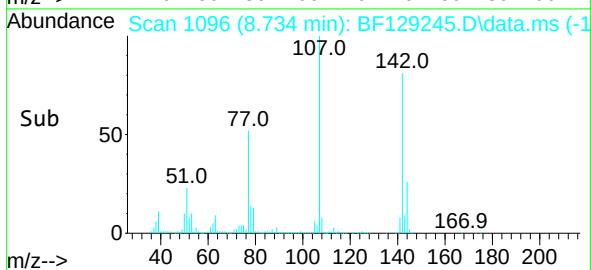
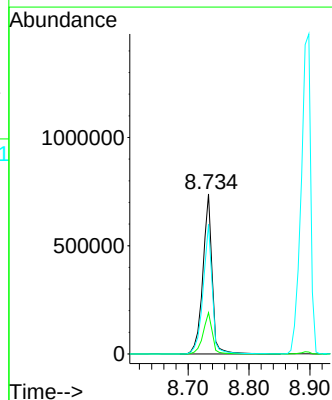
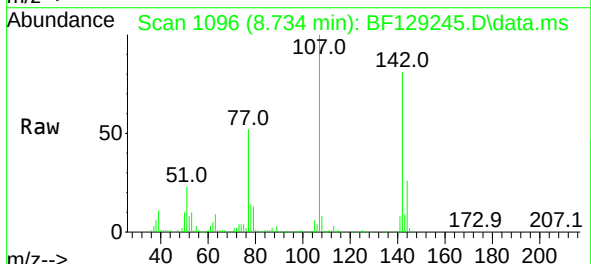
Manual Integrations
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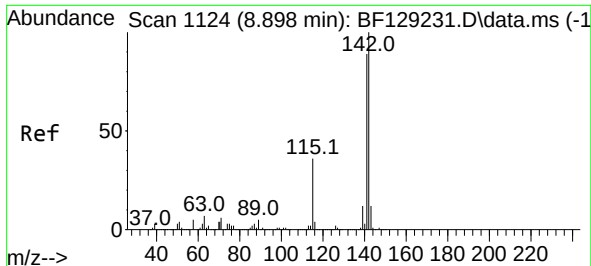
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#36
4-Chloro-3-methylphenol
Concen: 47.828 ng
RT: 8.734 min Scan# 1096
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

Tgt Ion:107 Resp: 779513
Ion Ratio Lower Upper
107 100
144 25.9 19.5 29.3
142 80.9 58.2 87.4





#37

2-Methylnaphthalene

Concen: 48.157 ng

RT: 8.898 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:142 Resp: 1607809

Ion Ratio Lower Upper

142 100

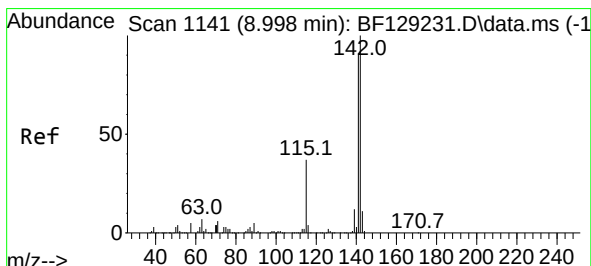
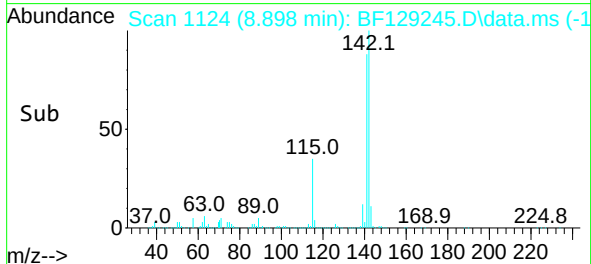
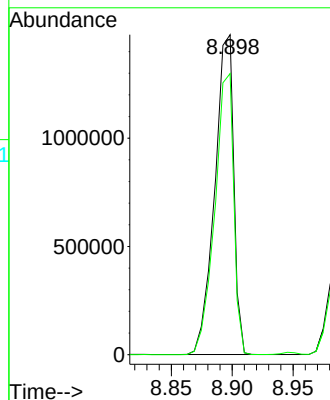
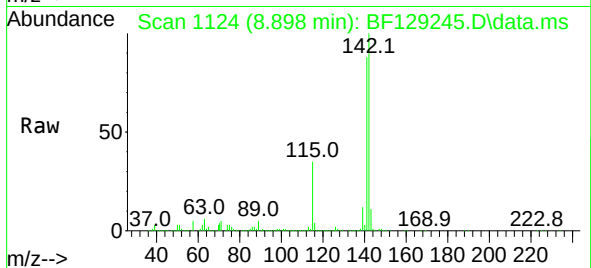
141 87.8 71.0 106.4

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#38

1-Methylnaphthalene

Concen: 47.237 ng

RT: 8.998 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF129245.D

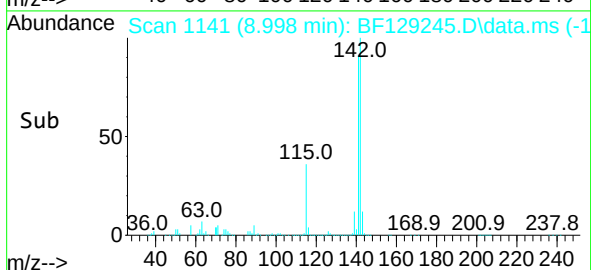
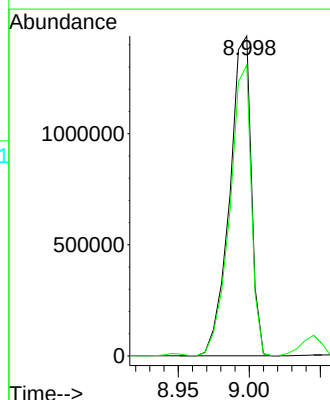
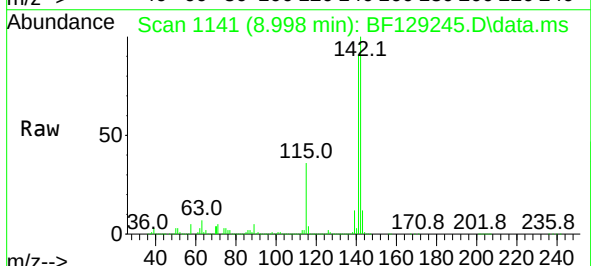
Acq: 15 Jul 2022 18:48

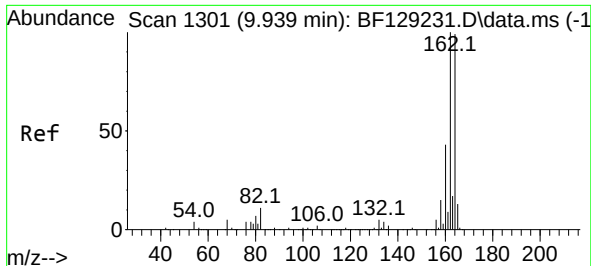
Tgt Ion:142 Resp: 1525194

Ion Ratio Lower Upper

142 100

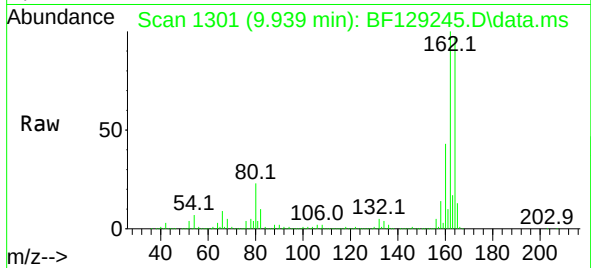
141 91.0 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1130
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

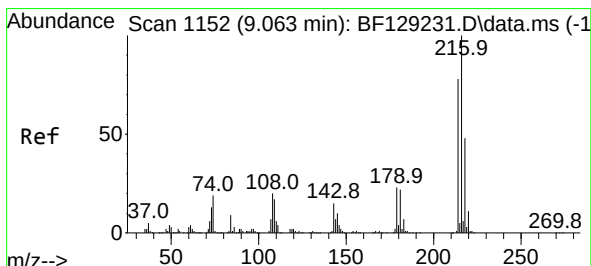
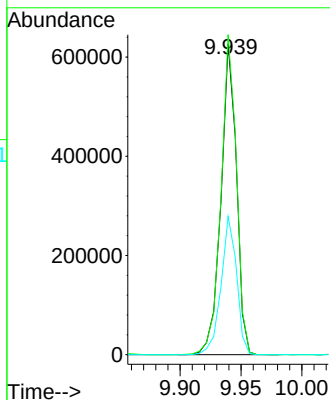
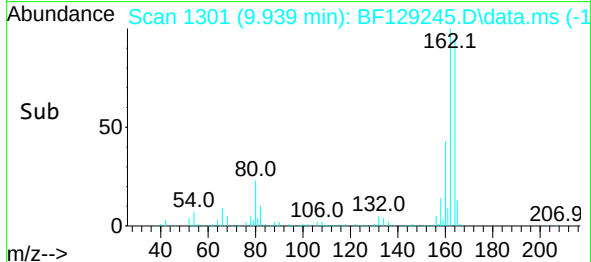
Instrument :
BNA_F
ClientSampleId :
TP-1MS



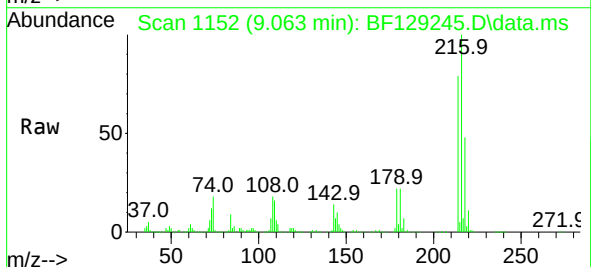
Tgt Ion:164 Resp: 55871
Ion Ratio Lower Upper
164 100
162 102.9 79.5 119.3
160 44.5 34.2 51.4

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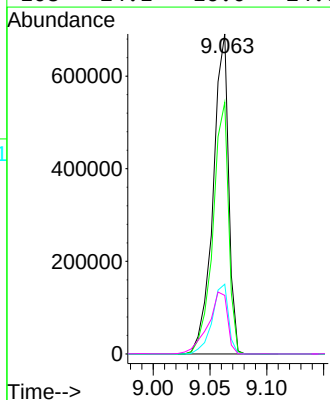
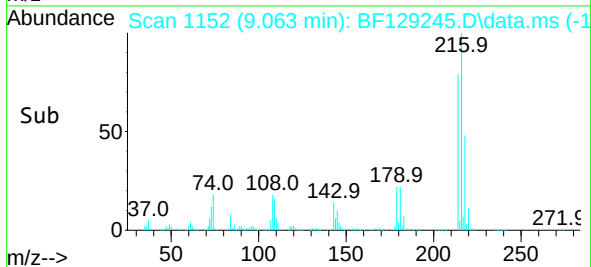
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

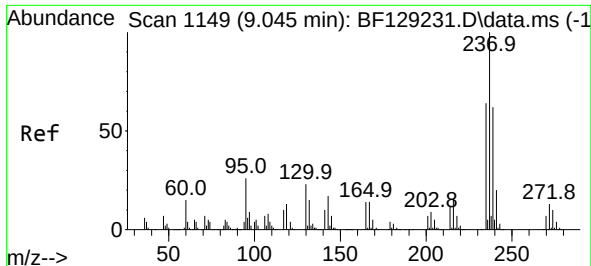


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.431 ng
RT: 9.063 min Scan# 1152
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



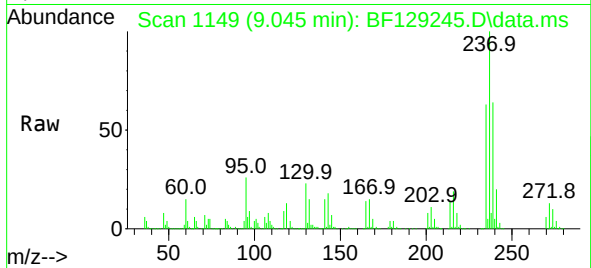
Tgt Ion:216 Resp: 658867
Ion Ratio Lower Upper
216 100
214 79.0 63.6 95.4
179 22.7 17.0 25.6
108 24.1 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 90.395 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

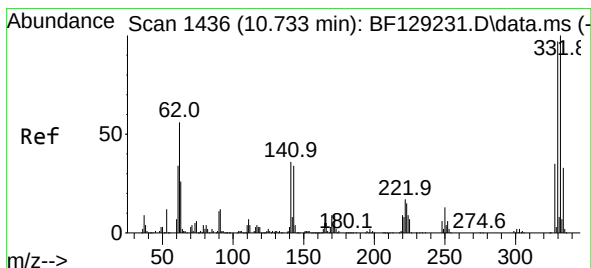
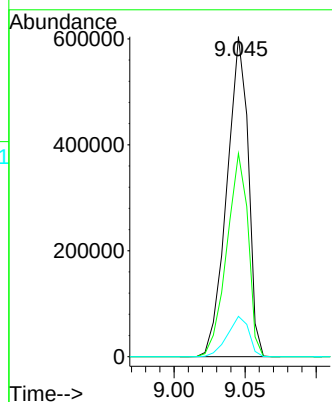
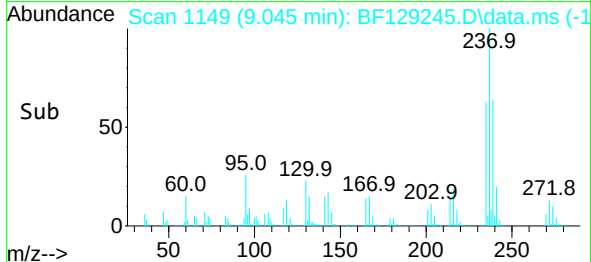
Instrument :
BNA_F
ClientSampleId :
TP-1MS



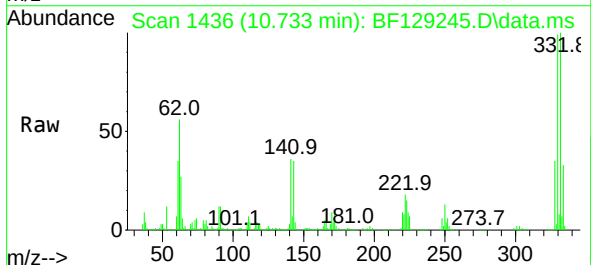
Tgt Ion:237 Resp: 63187
Ion Ratio Lower Upper
237 100
235 63.5 43.2 83.2
272 12.6 0.0 31.9

Manual Integrations
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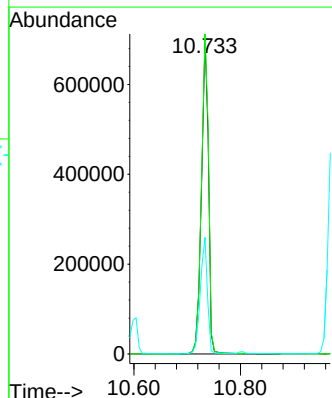
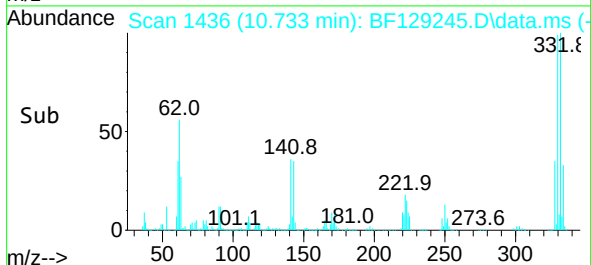
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

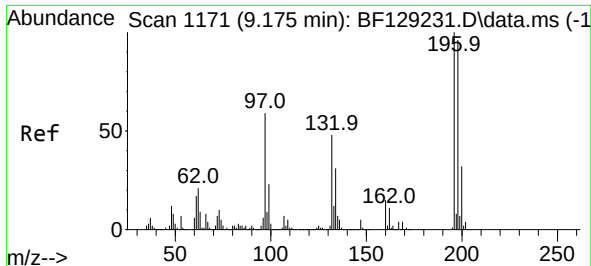


#42
2,4,6-Tribromophenol
Concen: 125.237 ng
RT: 10.733 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



Tgt Ion:330 Resp: 649453
Ion Ratio Lower Upper
330 100
332 102.2 76.8 115.2
141 37.2 28.0 42.0





#43

2,4,6-Trichlorophenol

Concen: 48.279 ng

RT: 9.169 min Scan# 1170

Delta R.T. -0.006 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:196 Resp: 493830

Ion Ratio Lower Upper

196 100

198 94.1 74.0 111.0

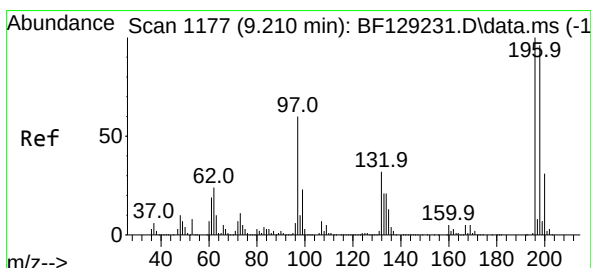
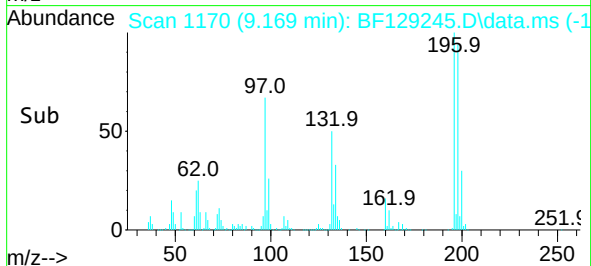
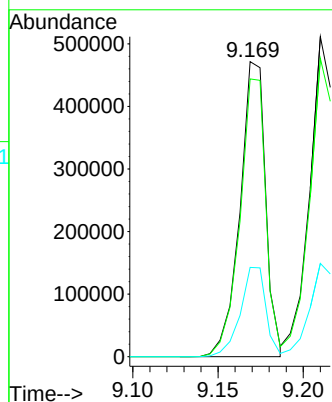
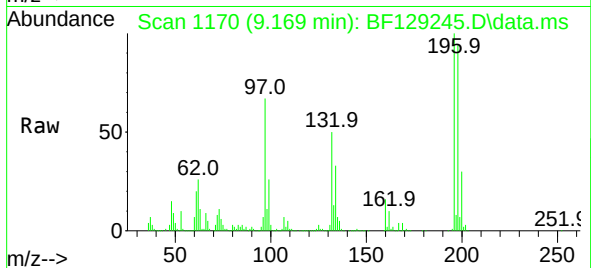
200 30.3 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#44

2,4,5-Trichlorophenol

Concen: 48.882 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Tgt Ion:196 Resp: 528892

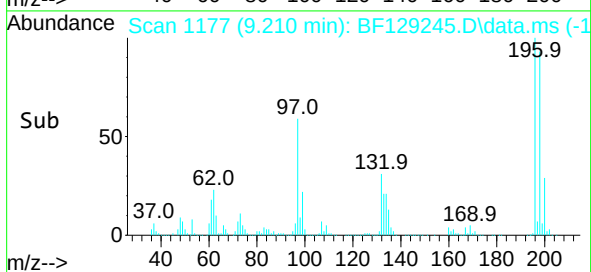
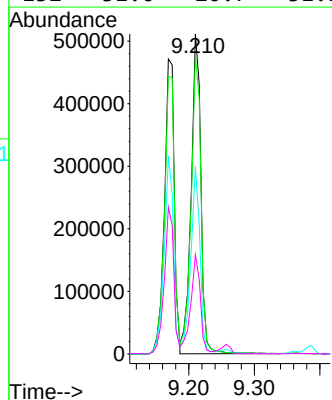
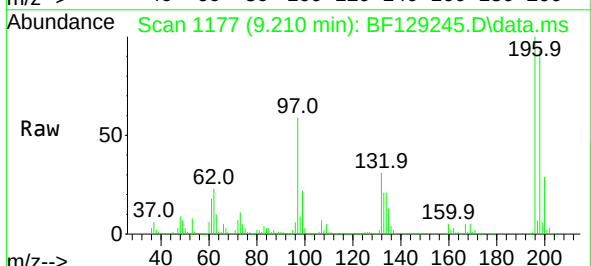
Ion Ratio Lower Upper

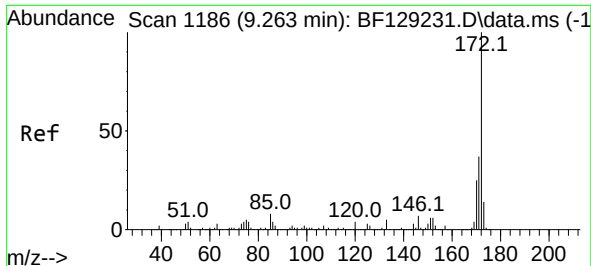
196 100

198 93.2 75.7 113.5

97 58.6 36.4 54.6#

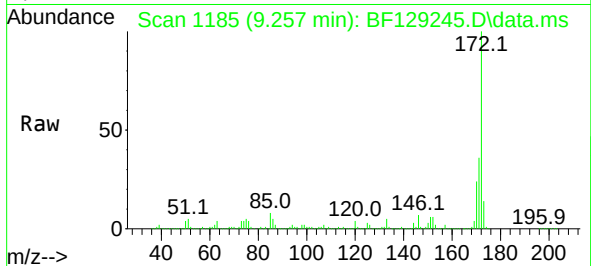
132 31.0 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 84.616 ng
RT: 9.257 min Scan# 1185
Delta R.T. -0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

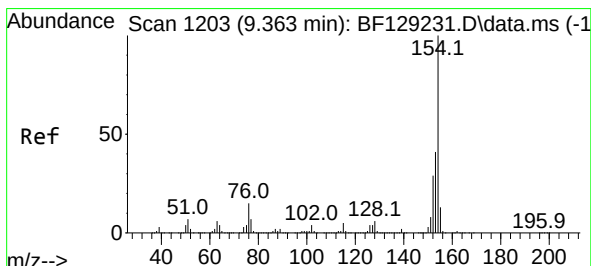
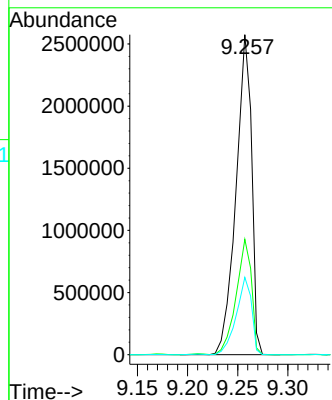
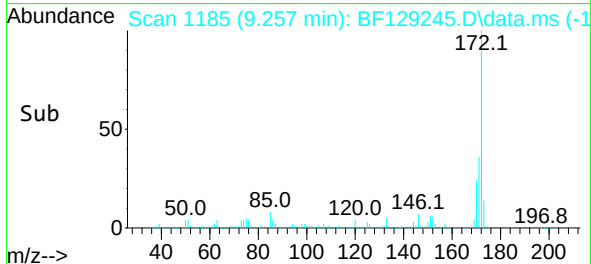
Instrument :
BNA_F
ClientSampleId :
TP-1MS



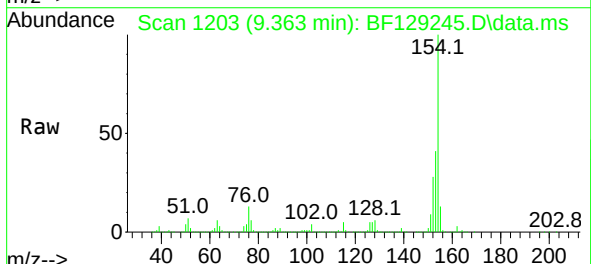
Tgt Ion:172 Resp: 2790470
Ion Ratio Lower Upper
172 100
171 36.1 28.8 43.2
170 24.2 19.8 29.8

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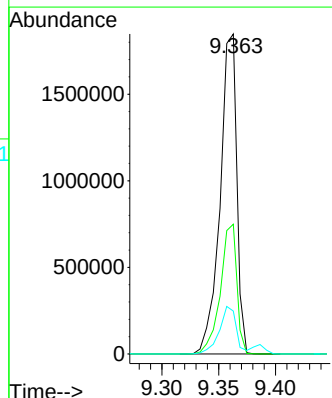
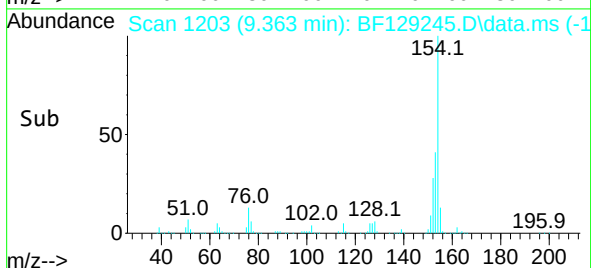
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

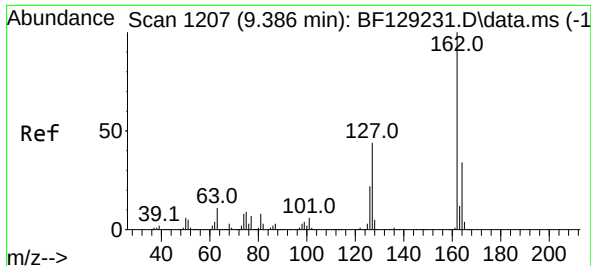


#46
1,1'-Biphenyl
Concen: 47.986 ng
RT: 9.363 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



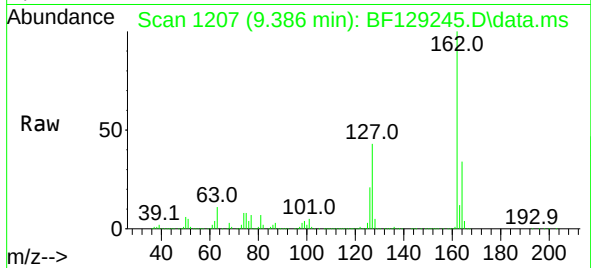
Tgt Ion:154 Resp: 1896298
Ion Ratio Lower Upper
154 100
153 40.5 20.6 60.6
76 13.4 0.0 33.3





#47
2-Chloronaphthalene
Concen: 47.669 ng
RT: 9.386 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

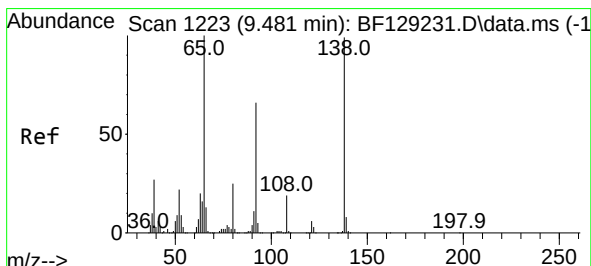
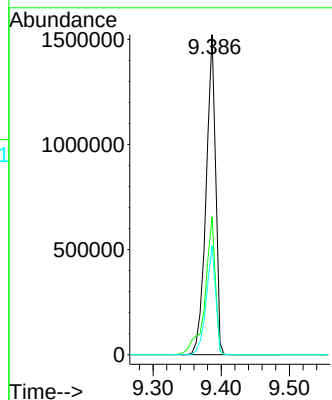
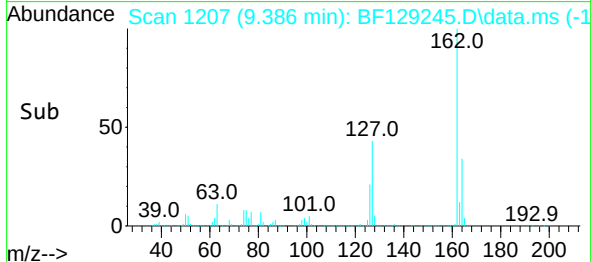
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:162 Resp: 1483740
Ion Ratio Lower Upper
162 100
127 43.1 34.5 51.7
164 34.1 26.5 39.7

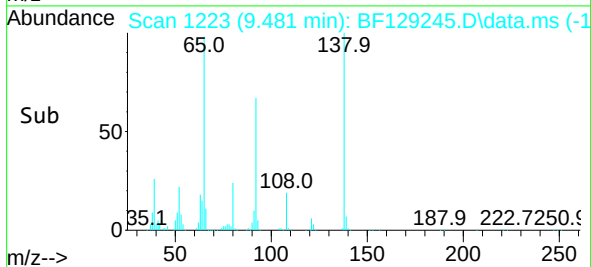
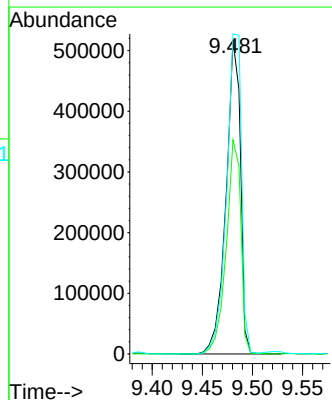
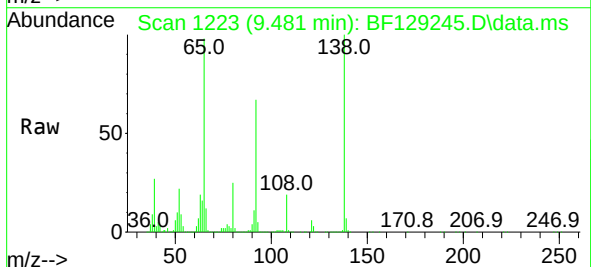
Manual Integrations
APPROVED

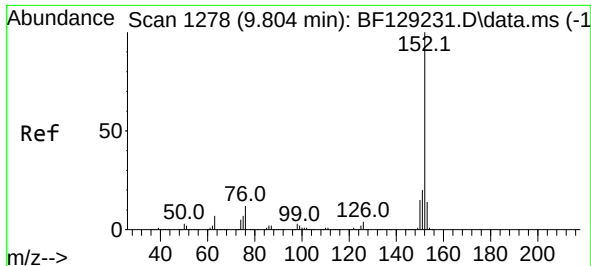
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#48
2-Nitroaniline
Concen: 49.513 ng
RT: 9.481 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

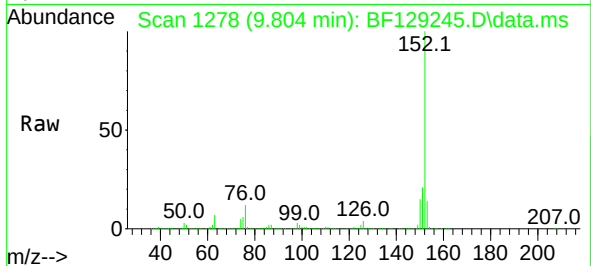
Tgt Ion: 65 Resp: 517779
Ion Ratio Lower Upper
65 100
92 68.3 51.9 77.9
138 102.0 76.4 114.6





#49
Acenaphthylene
Concen: 48.202 ng
RT: 9.804 min Scan# 1278
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

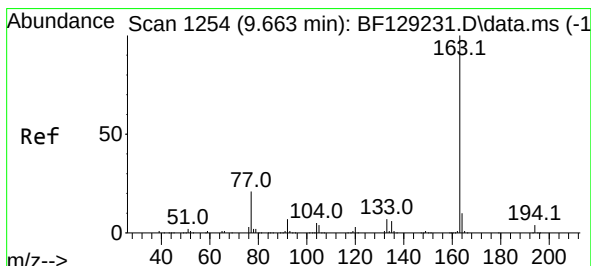
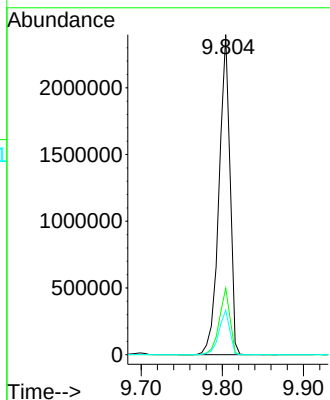
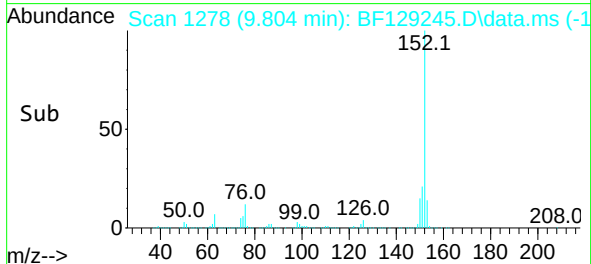
Instrument :
BNA_F
ClientSampleId :
TP-1MS



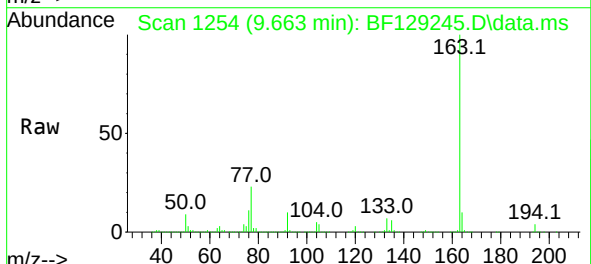
Tgt Ion:152 Resp: 225821
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.4
153 13.9 10.7 16.1

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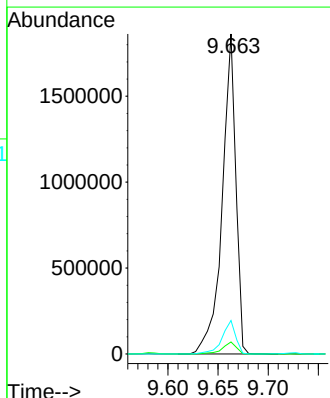
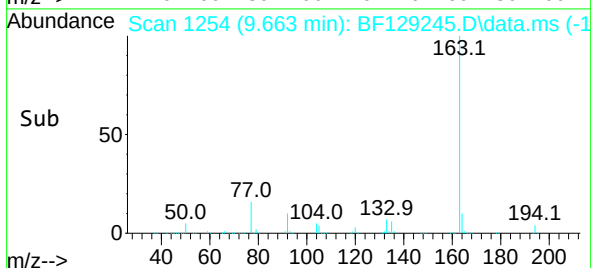
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

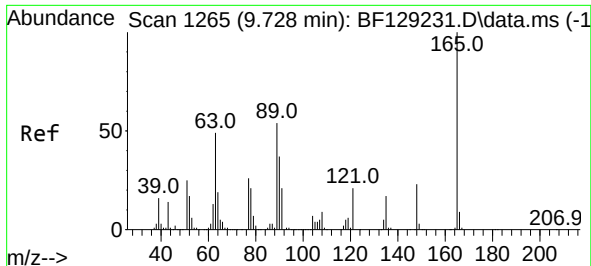


#50
Dimethylphthalate
Concen: 48.411 ng
RT: 9.663 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



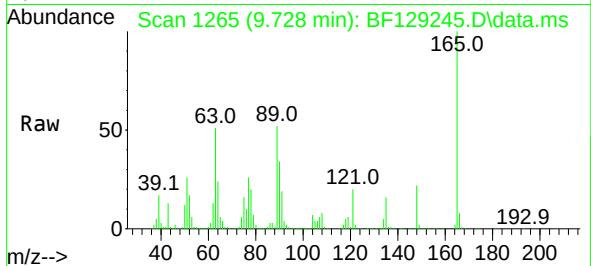
Tgt Ion:163 Resp: 1755227
Ion Ratio Lower Upper
163 100
194 3.8 3.2 4.8
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.222 ng
RT: 9.728 min Scan# 1265
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

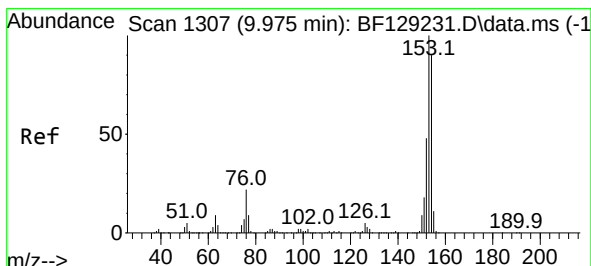
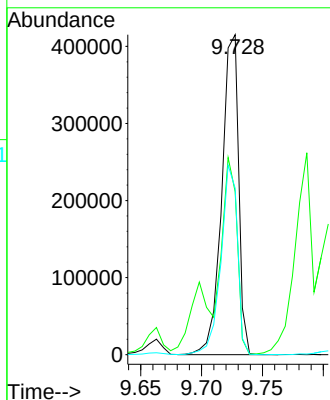
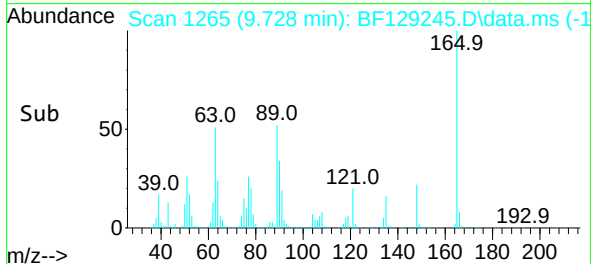
Instrument :
BNA_F
ClientSampleId :
TP-1MS



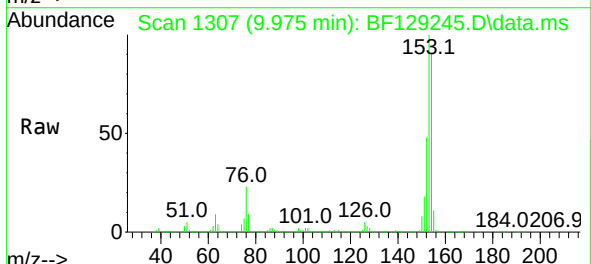
Tgt Ion:165 Resp: 401860
Ion Ratio Lower Upper
165 100
63 50.9 44.9 67.3
89 52.0 43.6 65.4

Manual Integrations
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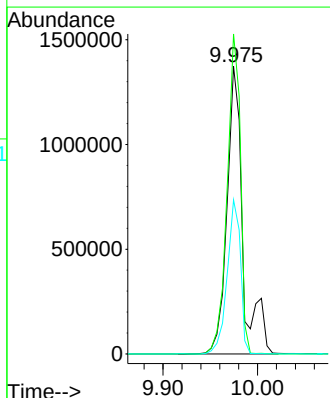
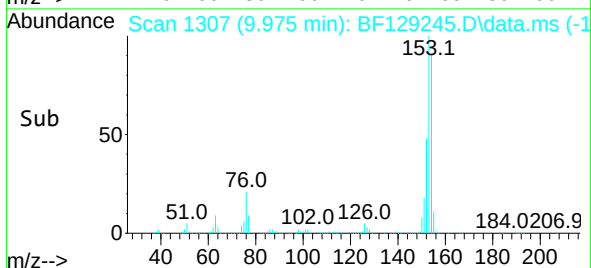
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

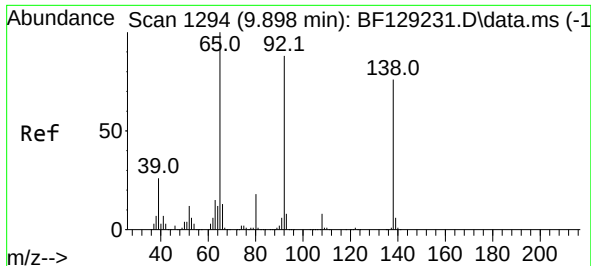


#52
Acenaphthene
Concen: 52.317 ng m
RT: 9.975 min Scan# 1307
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



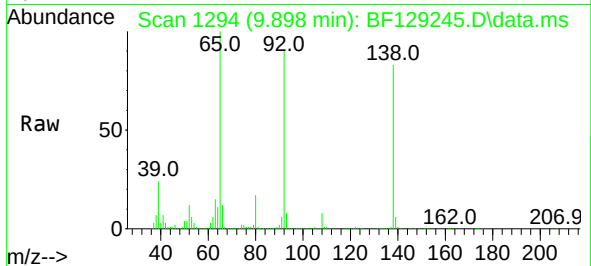
Tgt Ion:154 Resp: 1602095
Ion Ratio Lower Upper
154 100
153 111.3 89.6 134.4
152 53.6 42.4 63.6





#53
3-Nitroaniline
Concen: 38.151 ng
RT: 9.898 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

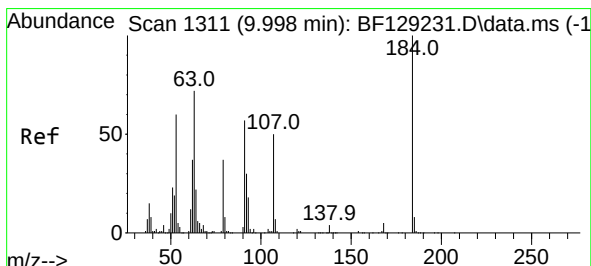
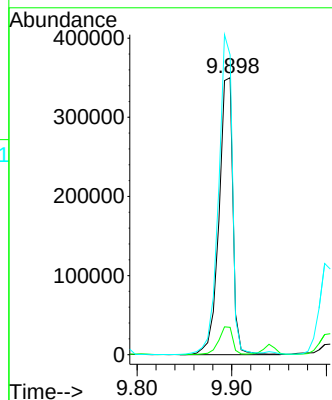
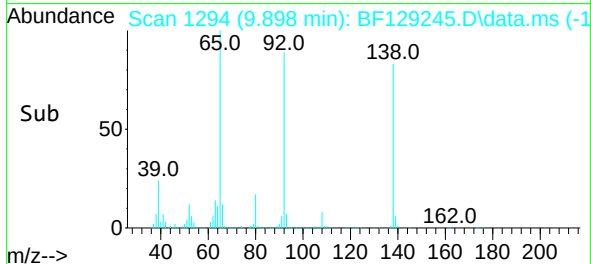
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:138 Resp: 357420
Ion Ratio Lower Upper
138 100
108 9.9 10.9 16.3
92 108.2 98.2 147.2

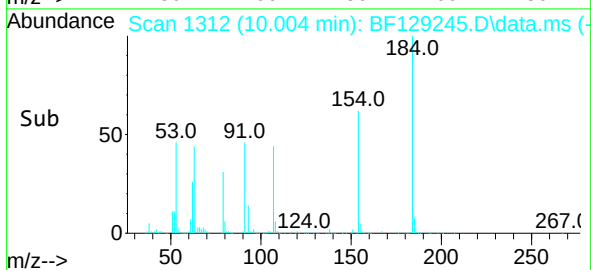
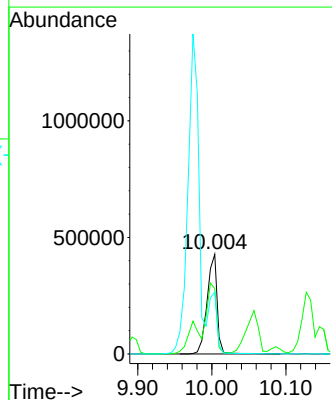
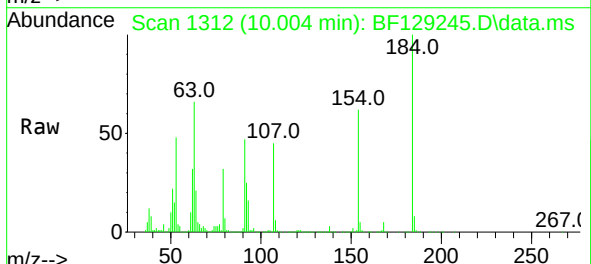
Manual Integrations
APPROVED

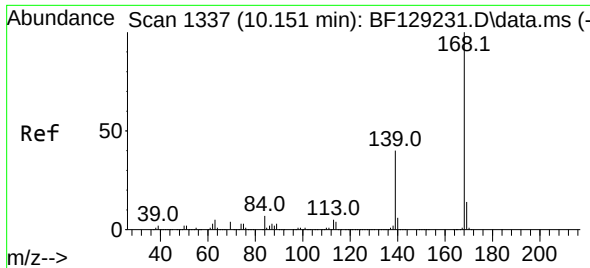
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#54
2,4-Dinitrophenol
Concen: 96.377 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

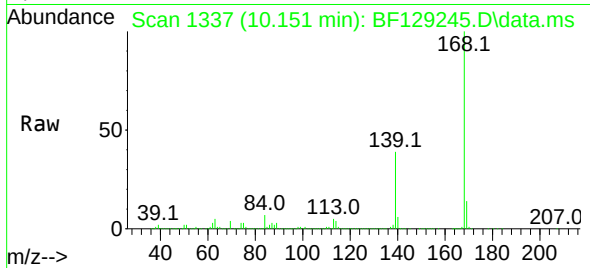
Tgt Ion:184 Resp: 405248
Ion Ratio Lower Upper
184 100
63 65.8 64.5 96.7
154 62.3 50.6 75.8





#55
Dibenzofuran
Concen: 46.969 ng
RT: 10.151 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

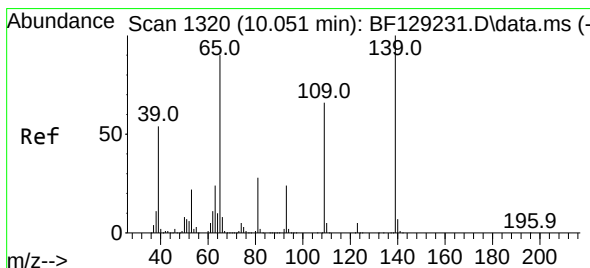
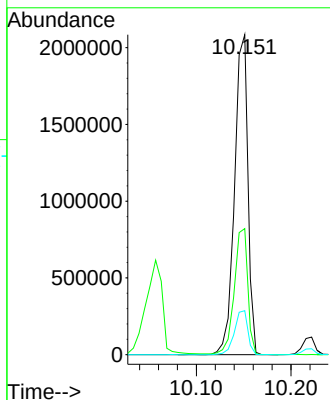
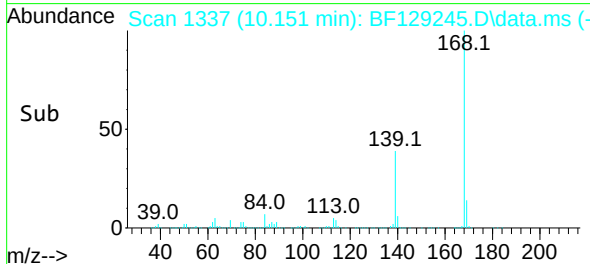
Instrument :
BNA_F
ClientSampleId :
TP-1MS



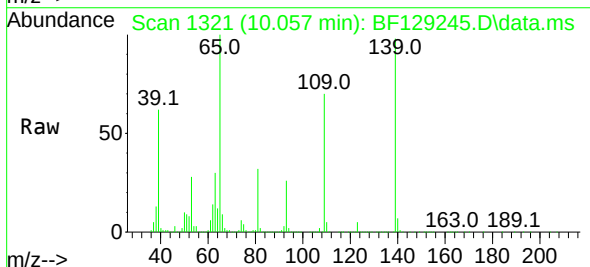
Tgt Ion:168 Resp: 2041819
Ion Ratio Lower Upper
168 100
139 39.4 30.6 46.0
169 13.7 11.0 16.6

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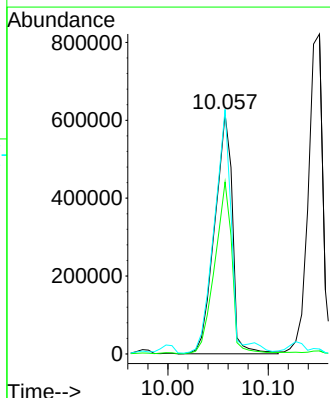
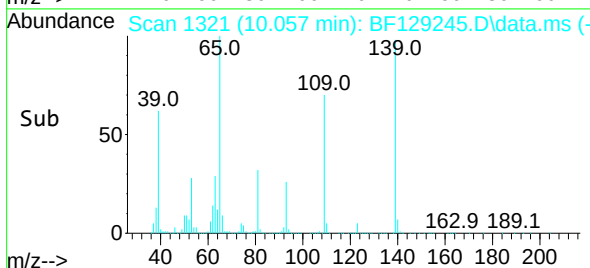
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

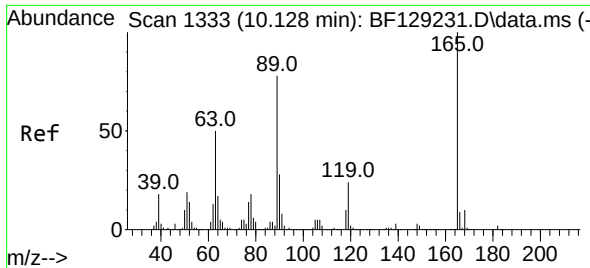


#56
4-Nitrophenol
Concen: 101.783 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



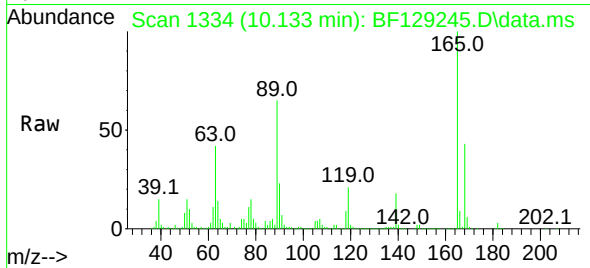
Tgt Ion:139 Resp: 754733
Ion Ratio Lower Upper
139 100
109 71.6 50.7 90.7
65 101.9 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 52.584 ng
RT: 10.133 min Scan# 1334
Delta R.T. 0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

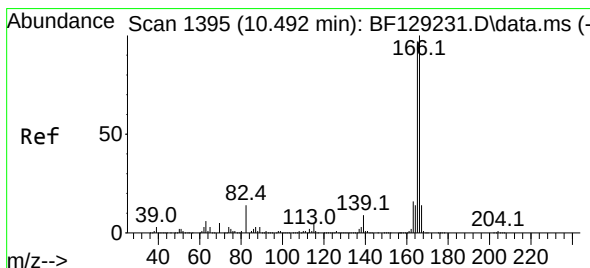
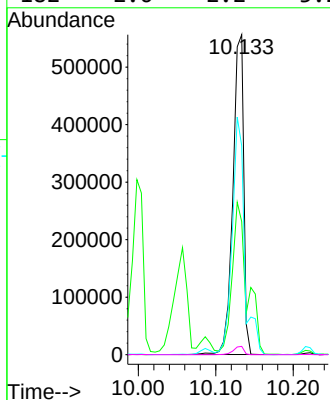
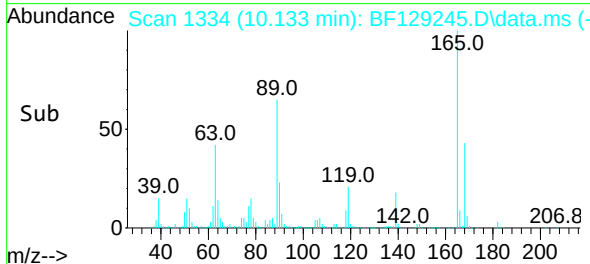
Instrument :
BNA_F
ClientSampleId :
TP-1MS



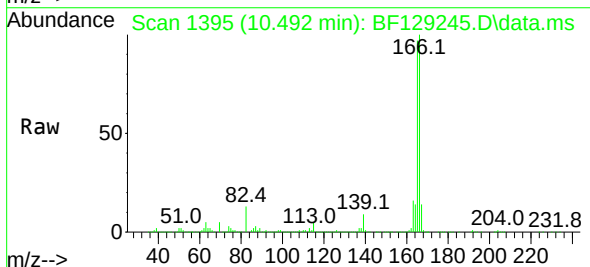
Tgt Ion:165 Resp: 54098
Ion Ratio Lower Upper
165 100
63 41.6 39.8 59.6
89 65.3 60.2 90.2
182 2.6 2.2 3.2

Manual Integrations
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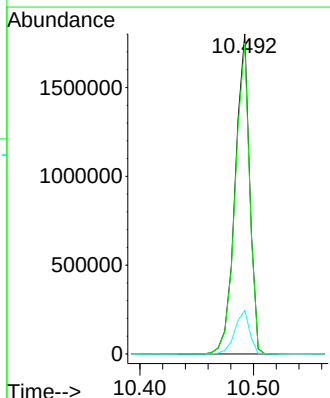
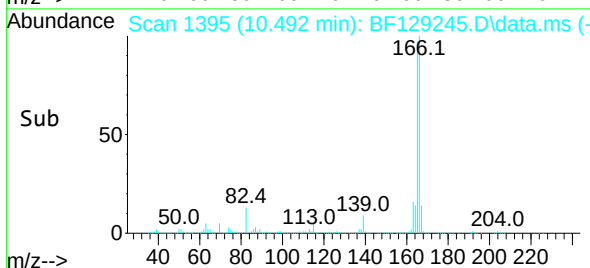
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

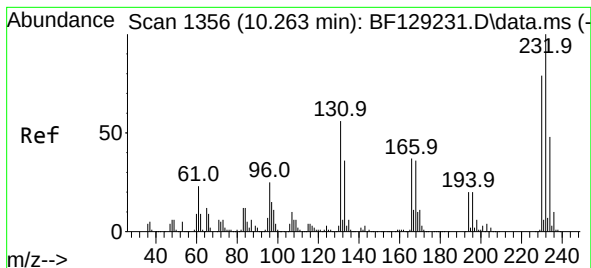


#58
Fluorene
Concen: 47.830 ng
RT: 10.492 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



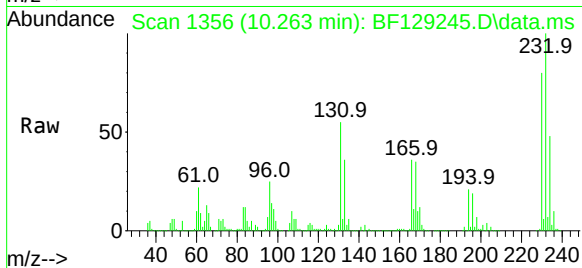
Tgt Ion:166 Resp: 1581422
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.6 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.665 ng m
RT: 10.263 min Scan# 1356
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

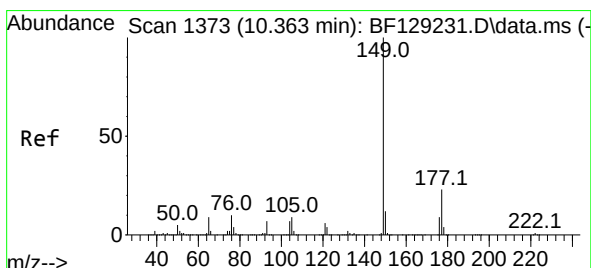
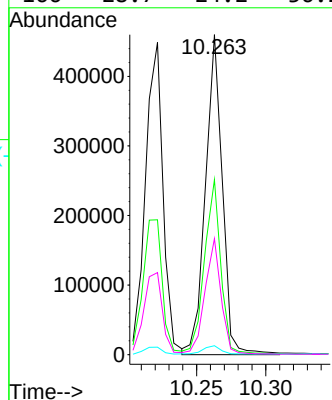
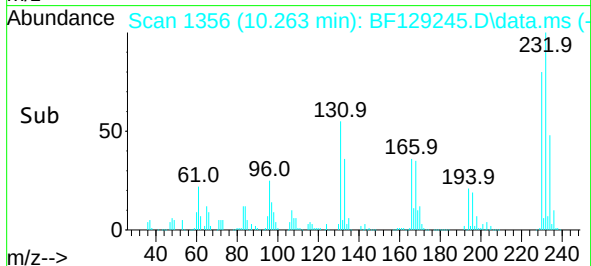
Instrument :
BNA_F
ClientSampleId :
TP-1MS



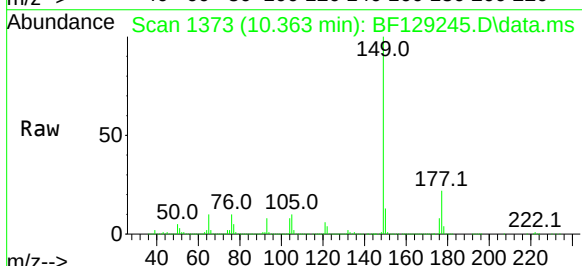
Tgt Ion:232 Resp: 390029
Ion Ratio Lower Upper
232 100
131 48.8 36.1 54.1
130 2.8 1.8 2.8
166 28.7 24.2 36.2

Manual Integrations
APPROVED

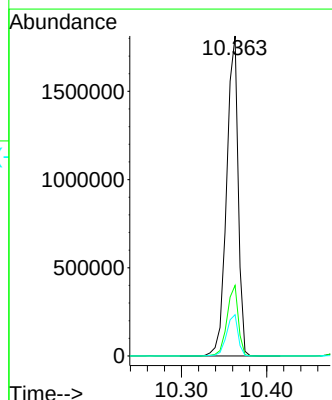
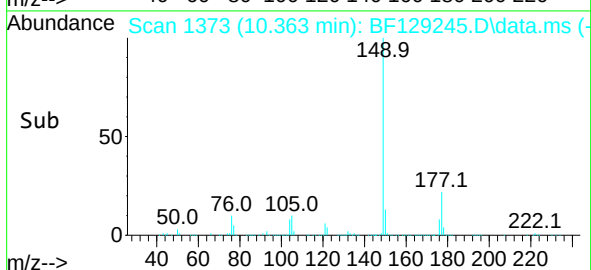
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

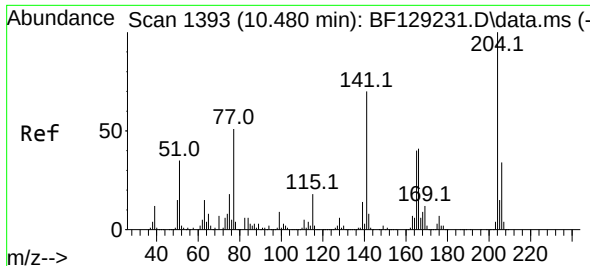


#60
Diethylphthalate
Concen: 48.667 ng
RT: 10.363 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



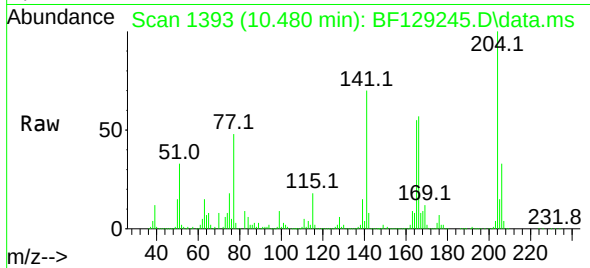
Tgt Ion:149 Resp: 1706345
Ion Ratio Lower Upper
149 100
177 22.1 17.3 25.9
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 46.332 ng
RT: 10.480 min Scan# 1393
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

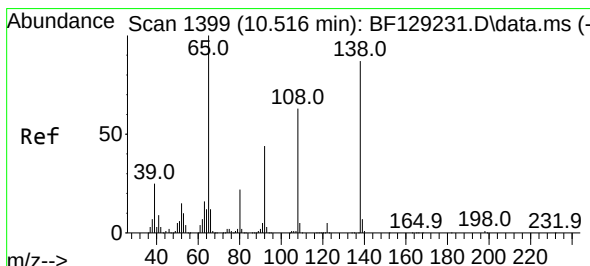
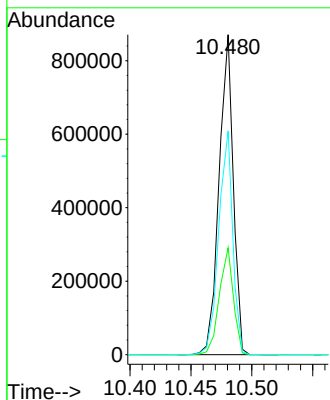
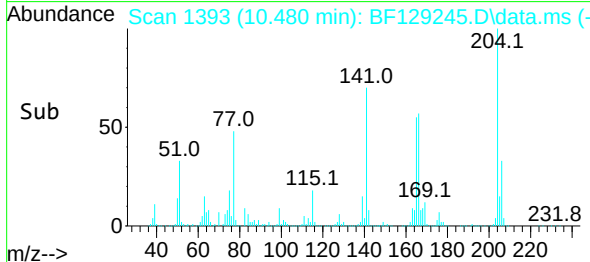
Instrument :
BNA_F
ClientSampleId :
TP-1MS



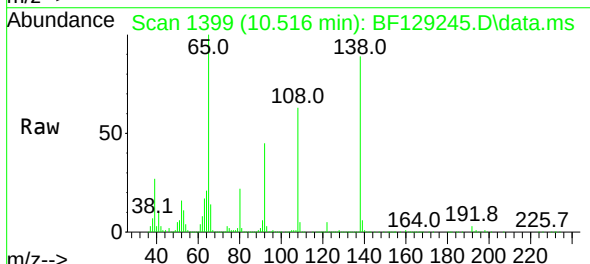
Tgt Ion:204 Resp: 70963
Ion Ratio Lower Upper
204 100
206 33.4 25.8 38.6
141 69.9 47.0 70.4

Manual Integrations
APPROVED

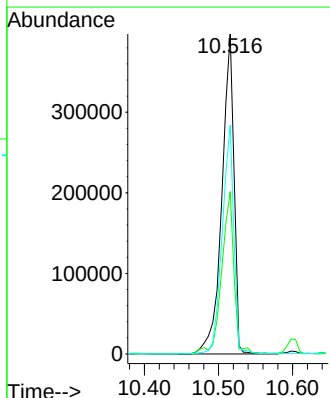
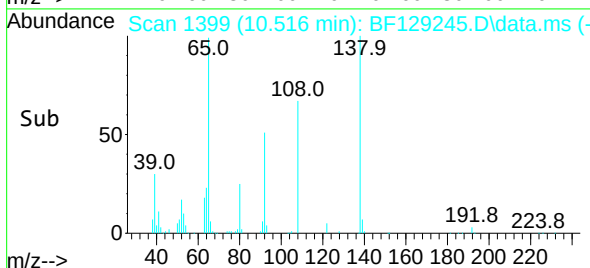
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

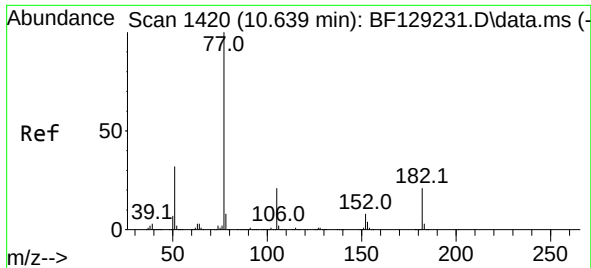


#62
4-Nitroaniline
Concen: 48.867 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



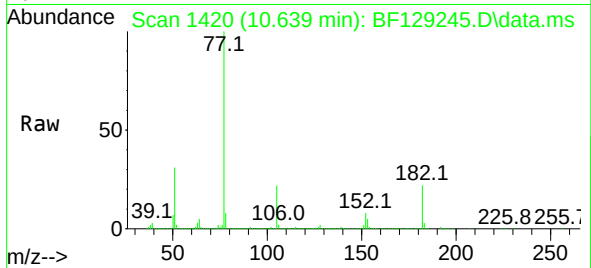
Tgt Ion:138 Resp: 453245
Ion Ratio Lower Upper
138 100
92 50.7 33.5 73.5
108 71.5 61.0 101.0





#63
Azobenzene
Concen: 46.918 ng
RT: 10.639 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

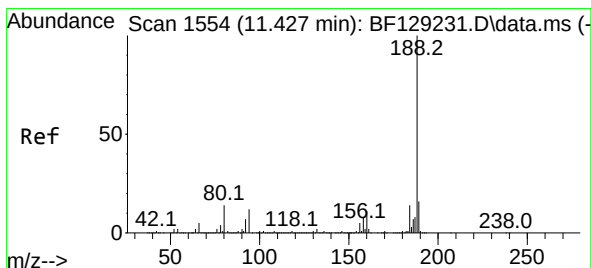
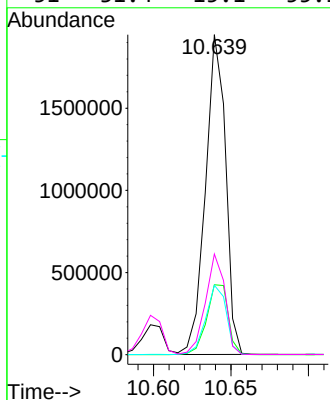
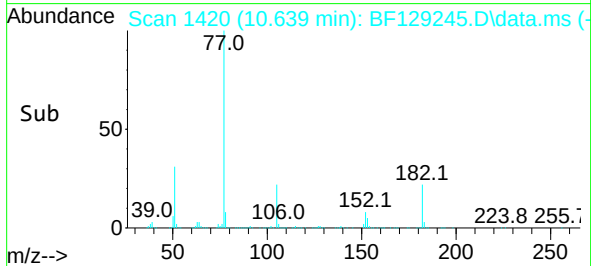
Instrument :
BNA_F
ClientSampleId :
TP-1MS



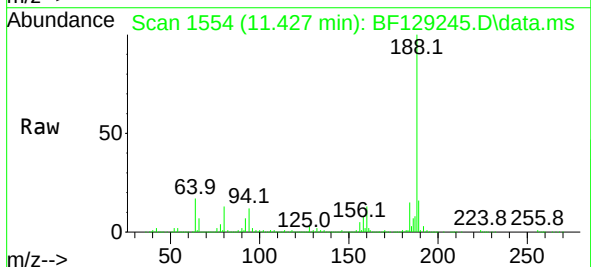
Tgt Ion: 77 Resp: 1755990
Ion Ratio Lower Upper
77 100
182 21.8 5.6 45.6
105 21.7 1.6 41.6
51 31.4 15.1 55.1

Manual Integrations
APPROVED

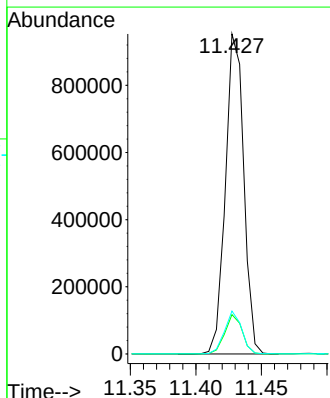
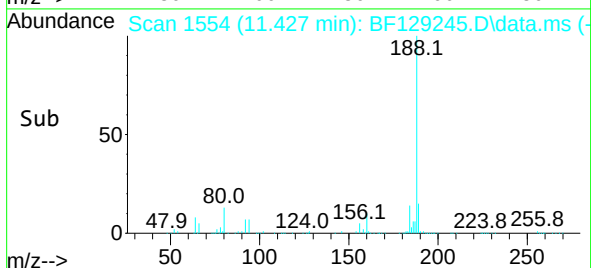
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

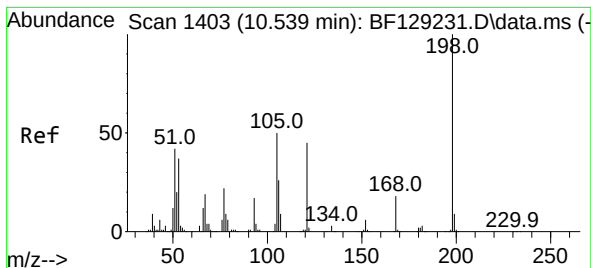


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



Tgt Ion:188 Resp: 924405
Ion Ratio Lower Upper
188 100
94 12.3 7.0 10.6#
80 13.4 7.6 11.4#





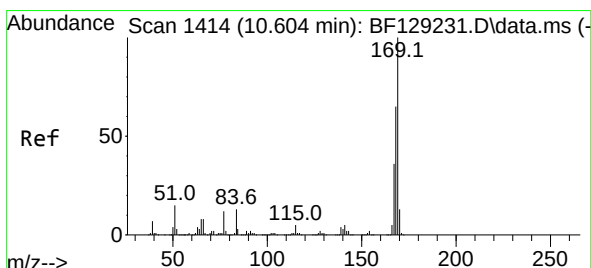
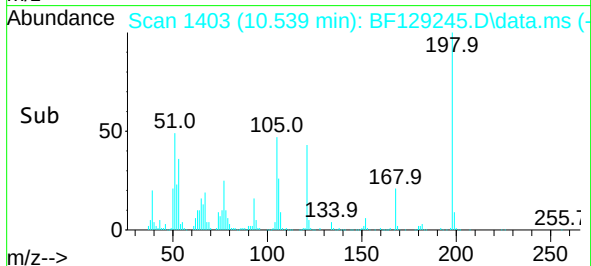
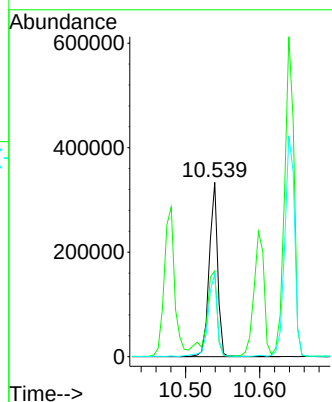
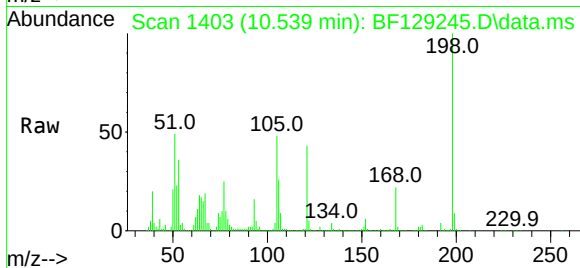
#65
4,6-Dinitro-2-methylphenol
Concen: 45.574 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:198 Resp: 266178
Ion Ratio Lower Upper
198 100
51 49.2 37.6 77.6
105 47.6 27.0 67.0

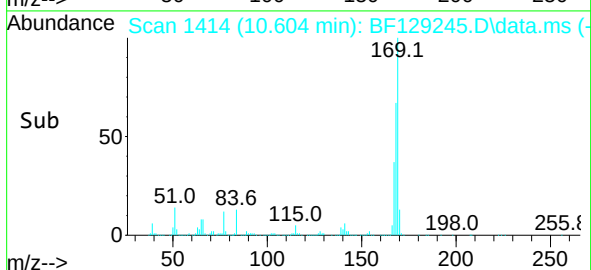
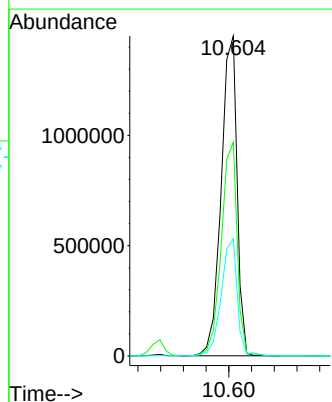
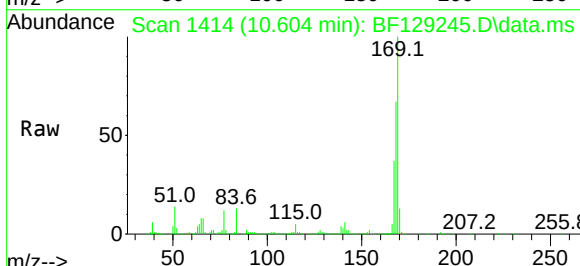
Manual Integrations
APPROVED

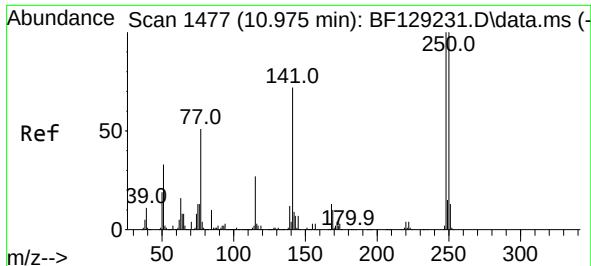
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#66
n-Nitrosodiphenylamine
Concen: 47.785 ng
RT: 10.604 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

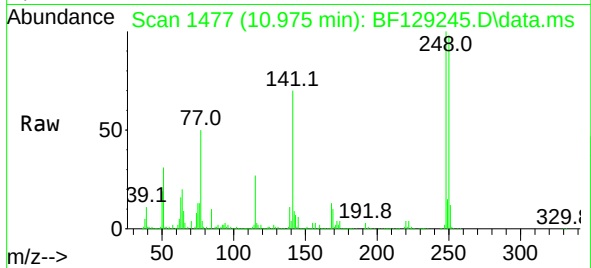
Tgt Ion:169 Resp: 1409340
Ion Ratio Lower Upper
169 100
168 66.8 50.1 75.1
167 36.6 27.9 41.9





#67
4-Bromophenyl-phenylether
Concen: 47.008 ng
RT: 10.975 min Scan# 1477
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

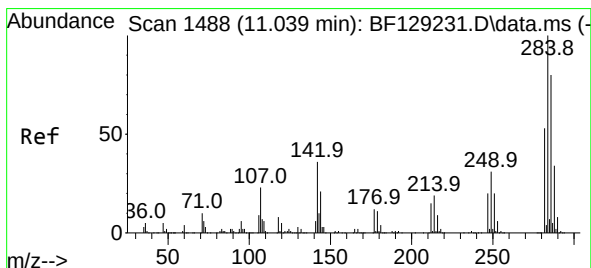
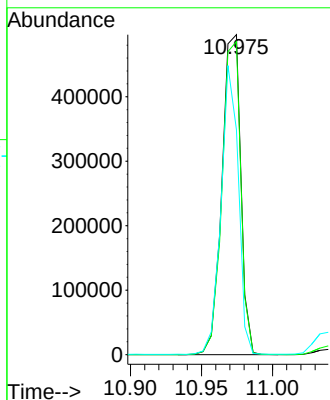
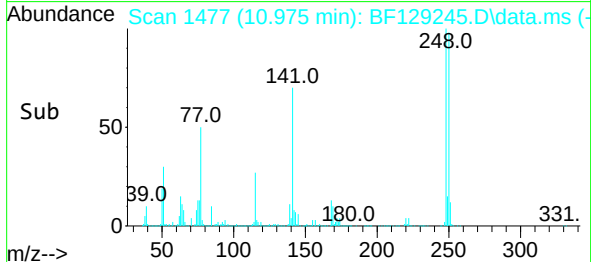
Instrument :
BNA_F
ClientSampleId :
TP-1MS



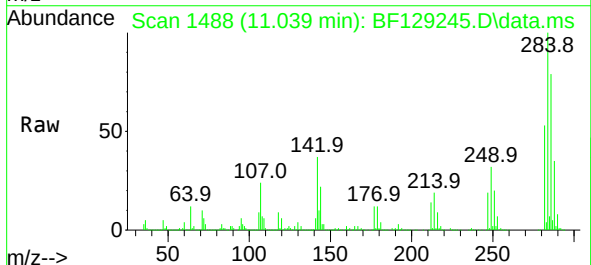
Tgt Ion:248 Resp: 457434
Ion Ratio Lower Upper
248 100
250 97.8 80.6 120.8
141 70.3 58.9 88.3

Manual Integrations
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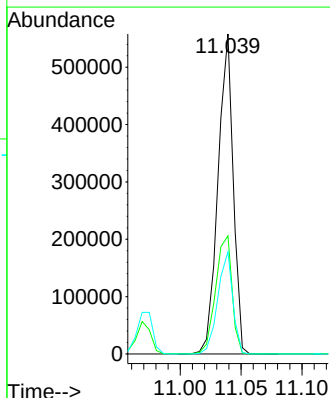
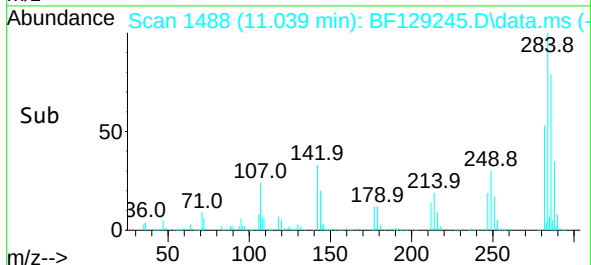
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

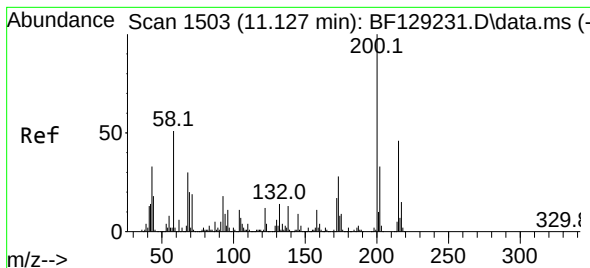


#68
Hexachlorobenzene
Concen: 47.710 ng
RT: 11.039 min Scan# 1488
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



Tgt Ion:284 Resp: 487326
Ion Ratio Lower Upper
284 100
142 36.9 29.0 43.4
249 31.9 25.0 37.6





#69

Atrazine

Concen: 55.649 ng

RT: 11.127 min Scan# 1503

Delta R.T. 0.000 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:200 Resp: 45501

Ion Ratio Lower Upper

200 100

173 27.9 6.3 46.3

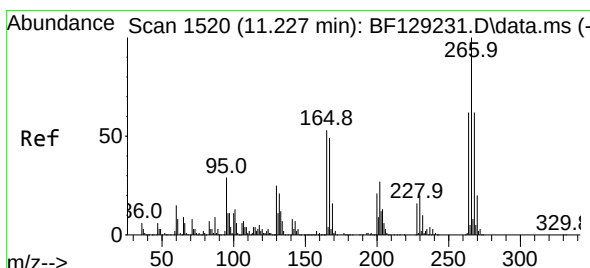
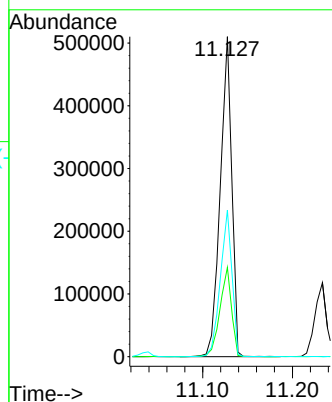
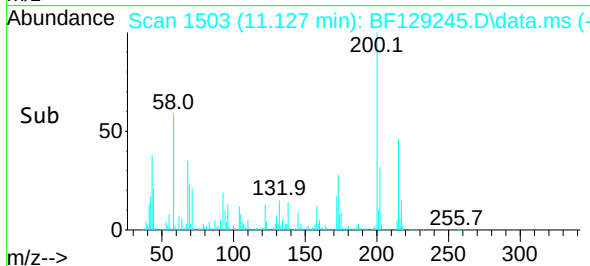
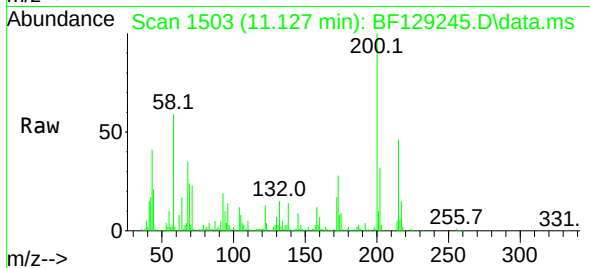
215 45.8 28.3 68.3

Manual Integrations

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Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#70

Pentachlorophenol

Concen: 87.692 ng

RT: 11.233 min Scan# 1521

Delta R.T. 0.006 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

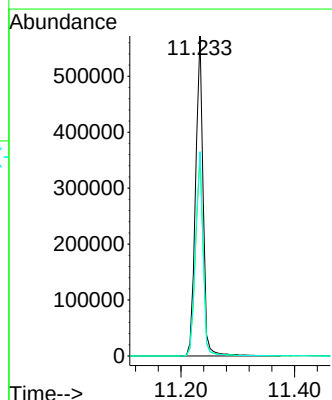
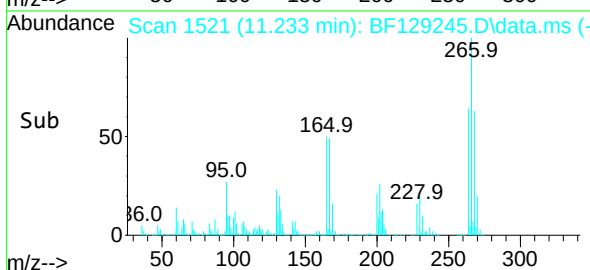
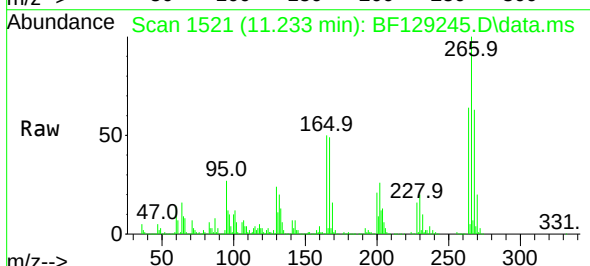
Tgt Ion:266 Resp: 532639

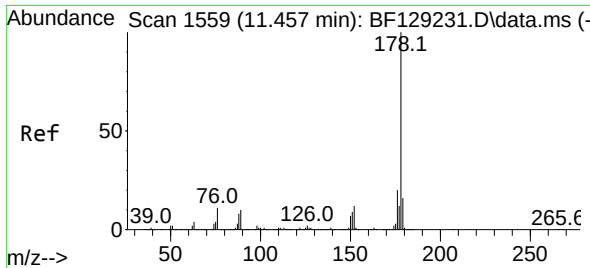
Ion Ratio Lower Upper

266 100

268 63.1 51.0 76.4

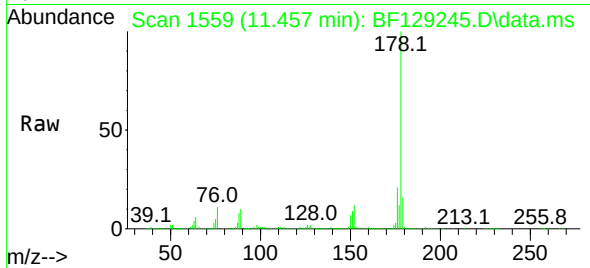
264 63.9 49.4 74.2





#71
Phenanthrene
Concen: 48.799 ng
RT: 11.457 min Scan# 1559
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

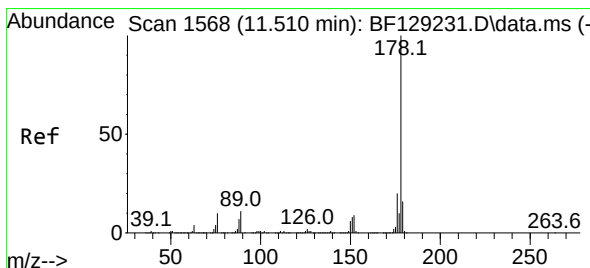
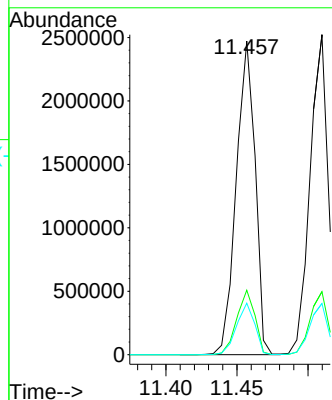
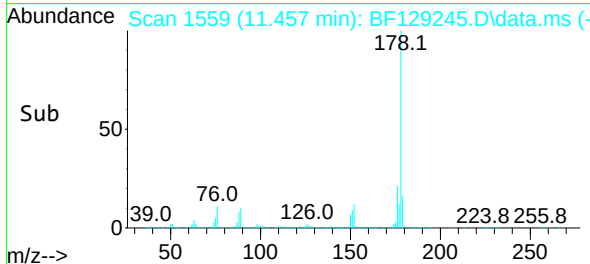
Instrument :
BNA_F
ClientSampleId :
TP-1MS



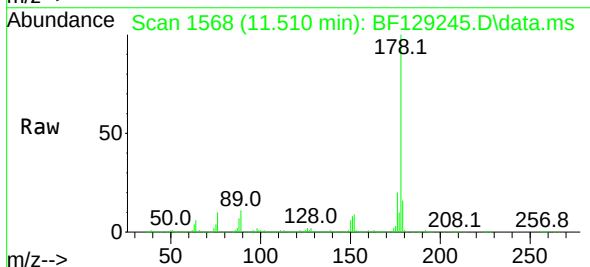
Tgt Ion:178 Resp: 2290308
Ion Ratio Lower Upper
178 100
176 20.6 16.0 24.0
179 16.5 12.6 19.0

Manual Integrations
APPROVED

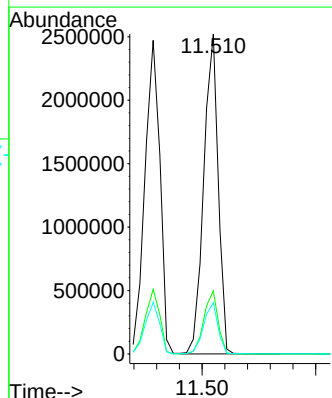
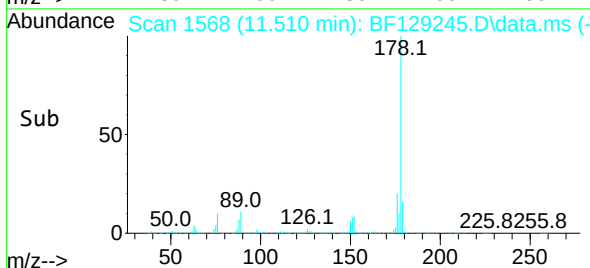
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

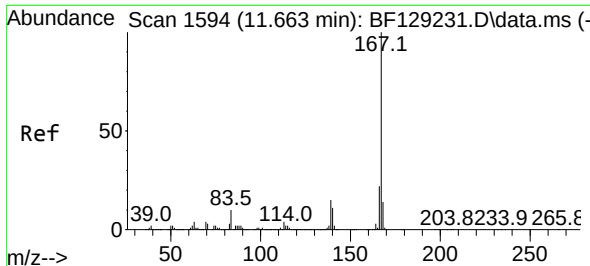


#72
Anthracene
Concen: 47.795 ng
RT: 11.510 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



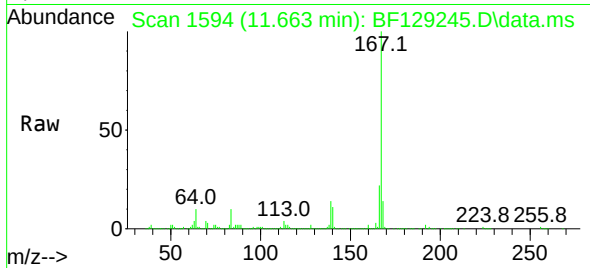
Tgt Ion:178 Resp: 2228249
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.2
179 16.0 12.6 19.0





#73
 Carbazole
 Concen: 44.567 ng
 RT: 11.663 min Scan# 1594
 Delta R.T. 0.000 min
 Lab File: BF129245.D
 Acq: 15 Jul 2022 18:48

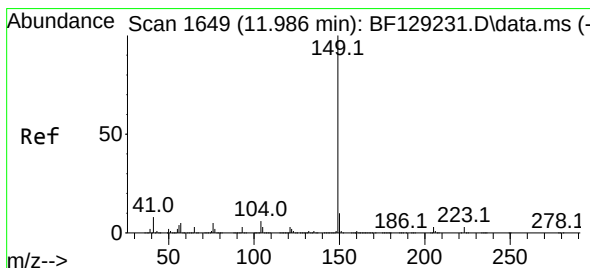
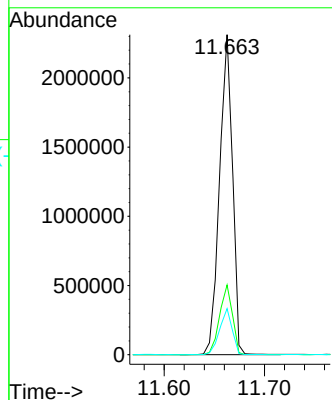
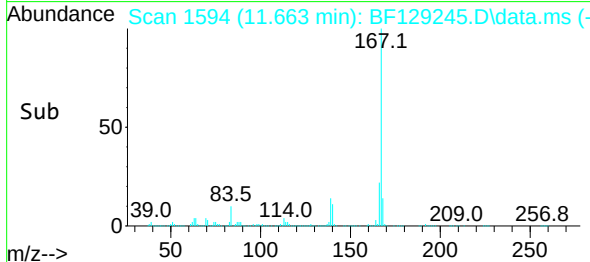
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS



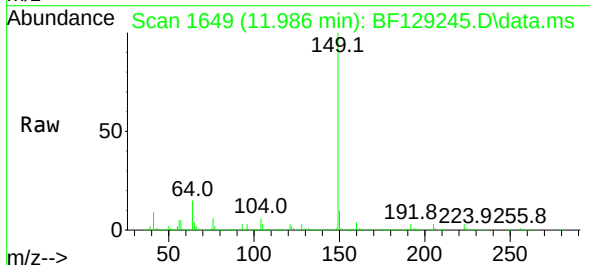
Tgt Ion:167 Resp: 207253
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.7 26.5
 139 14.4 11.2 16.8

Manual Integrations
 APPROVED

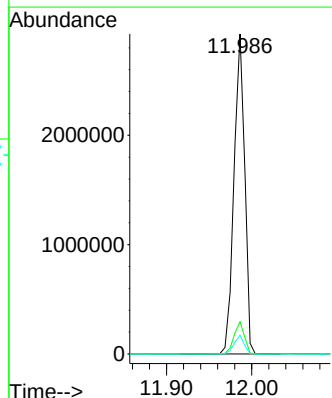
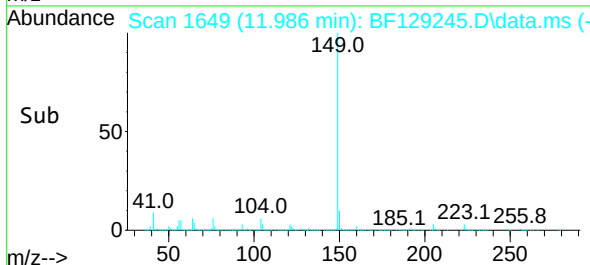
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

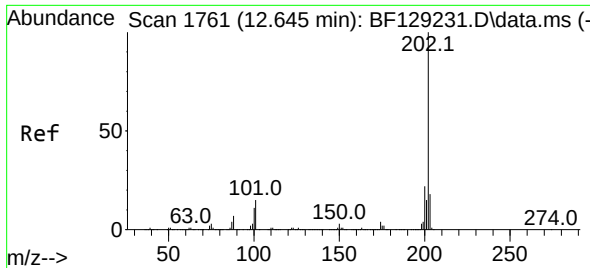


#74
 Di-n-butylphthalate
 Concen: 47.676 ng
 RT: 11.986 min Scan# 1649
 Delta R.T. 0.000 min
 Lab File: BF129245.D
 Acq: 15 Jul 2022 18:48



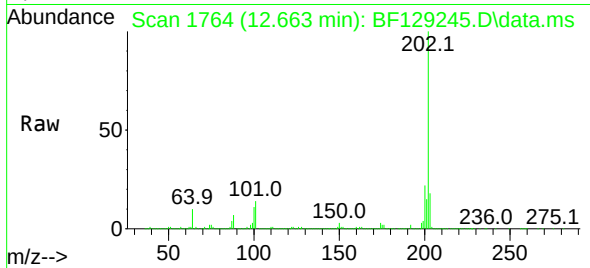
Tgt Ion:149 Resp: 2547893
 Ion Ratio Lower Upper
 149 100
 150 10.1 7.5 11.3
 104 5.8 4.4 6.6





#75
Fluoranthene
Concen: 50.646 ng
RT: 12.663 min Scan# 1764
Delta R.T. 0.018 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

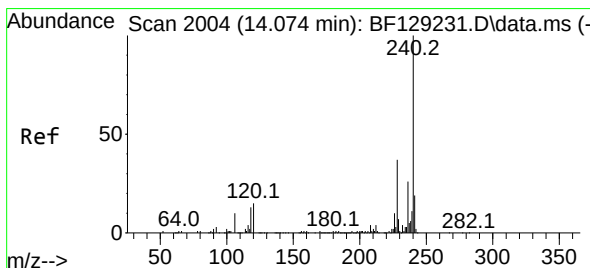
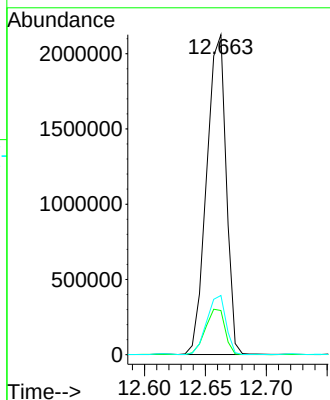
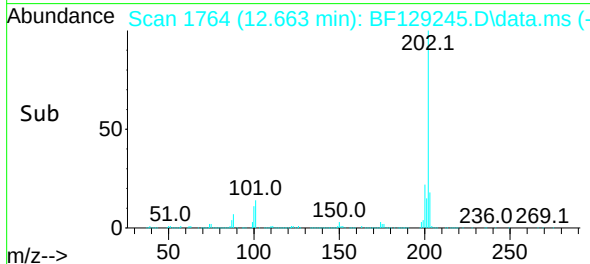
Instrument :
BNA_F
ClientSampleId :
TP-1MS



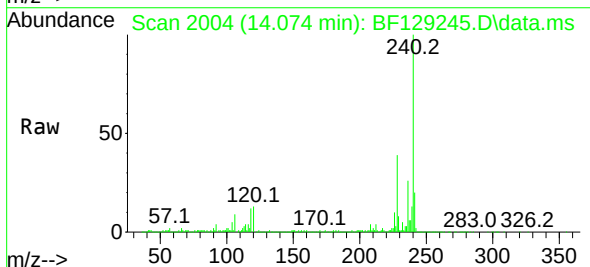
Tgt Ion:202 Resp: 2367302
Ion Ratio Lower Upper
202 100
101 13.8 0.0 31.4
203 18.5 0.0 38.0

Manual Integrations
APPROVED

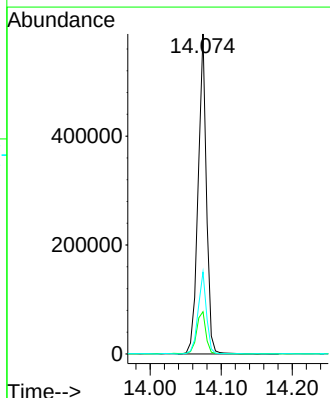
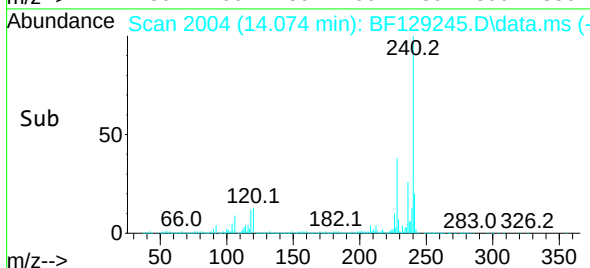
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

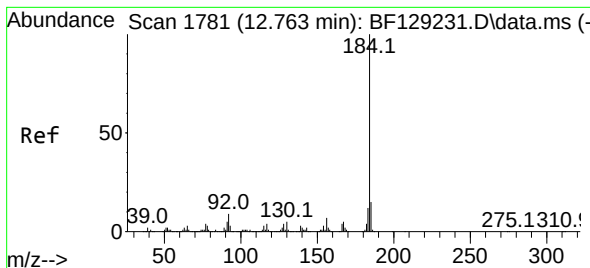


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2004
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



Tgt Ion:240 Resp: 479751
Ion Ratio Lower Upper
240 100
120 13.2 8.9 13.3
236 25.6 20.8 31.2





#77

Benzidine

Concen: 44.063 ng

RT: 12.769 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

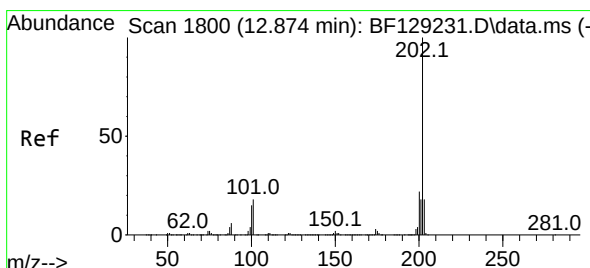
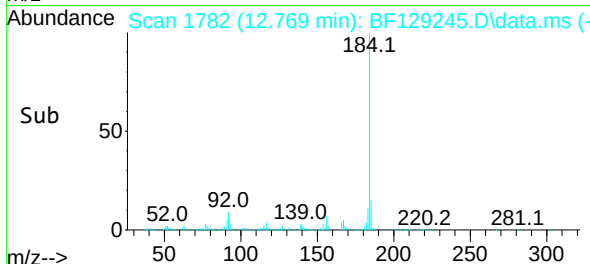
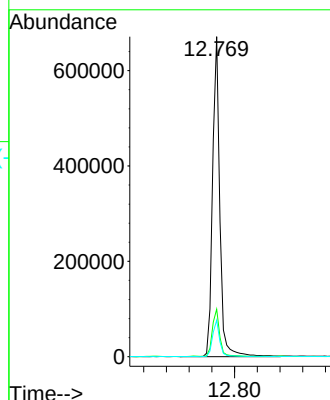
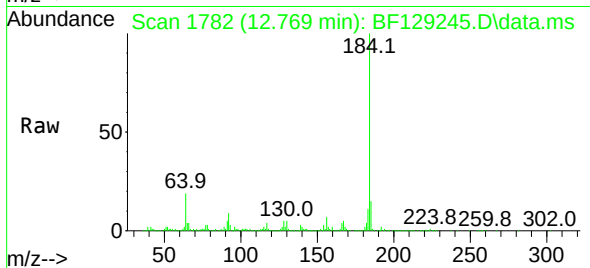
Tgt Ion:	184	Resp:	591720
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.9	17.9
183	11.4	9.3	13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#78

Pyrene

Concen: 58.308 ng

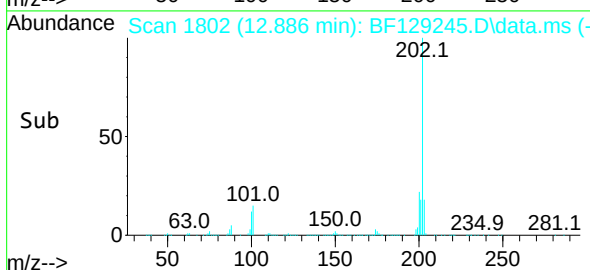
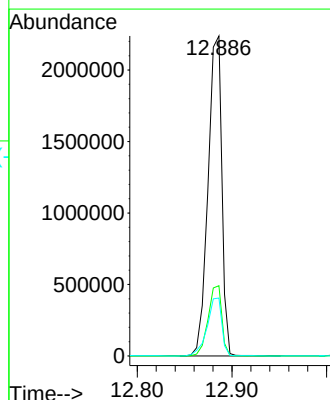
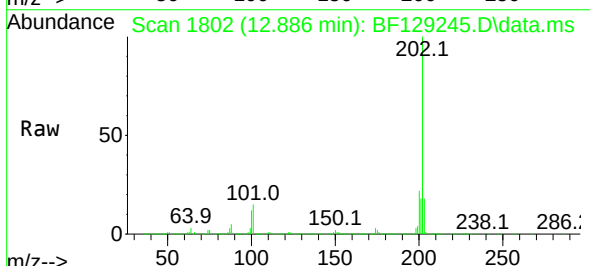
RT: 12.886 min Scan# 1802

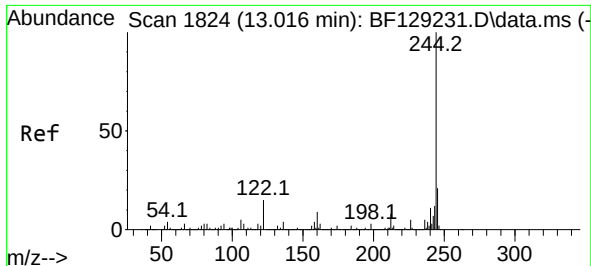
Delta R.T. 0.012 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

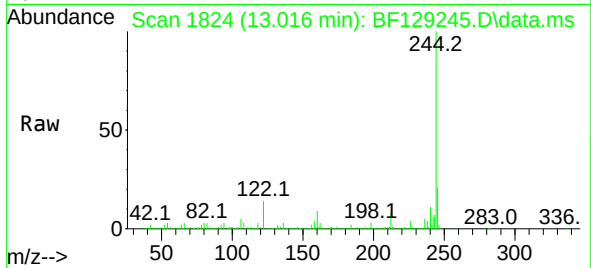
Tgt Ion:	202	Resp:	2265700
Ion Ratio	Lower	Upper	
202	100		
200	22.0	17.7	26.5
203	18.1	14.6	21.8





#79
 Terphenyl-d14
 Concen: 99.934 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. 0.000 min
 Lab File: BF129245.D
 Acq: 15 Jul 2022 18:48

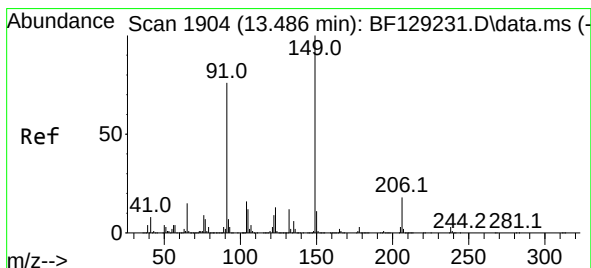
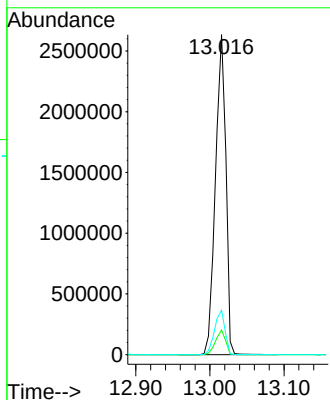
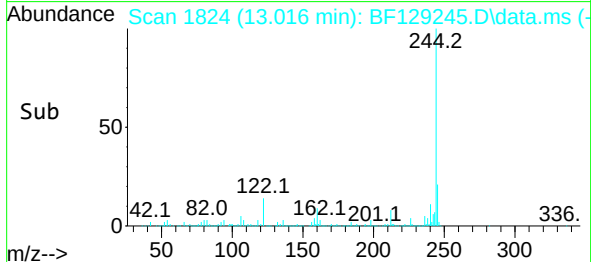
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS



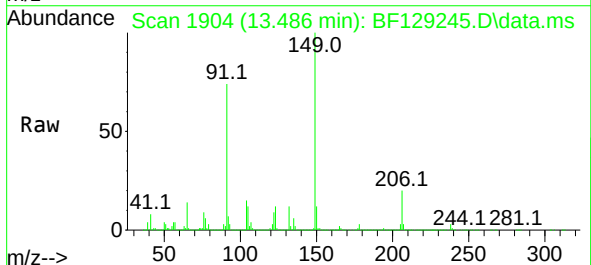
Tgt Ion:244 Resp: 256288
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.1 9.1
 122 13.9 8.8 13.2

Manual Integrations
 APPROVED

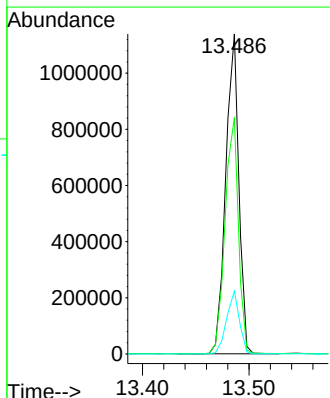
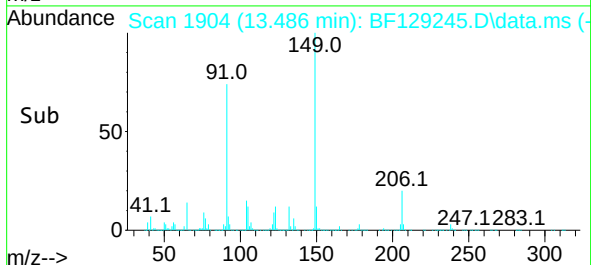
Reviewed By :Christian Giraldo 07/18/2022
 Supervised By :Jagrut Upadhyay 07/18/2022

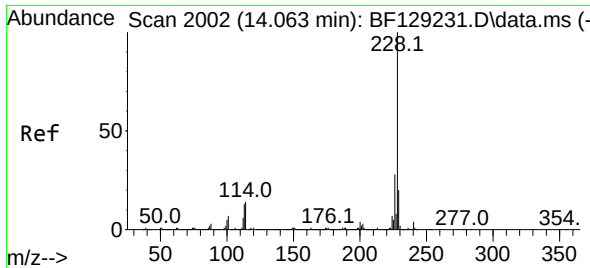


#80
 Butylbenzylphthalate
 Concen: 55.909 ng
 RT: 13.486 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: BF129245.D
 Acq: 15 Jul 2022 18:48



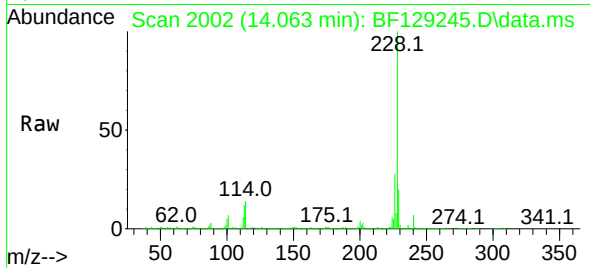
Tgt Ion:149 Resp: 967656
 Ion Ratio Lower Upper
 149 100
 91 73.9 61.2 91.8
 206 19.7 15.7 23.5





#81
Benzo(a)anthracene
Concen: 53.223 ng
RT: 14.063 min Scan# 2002
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

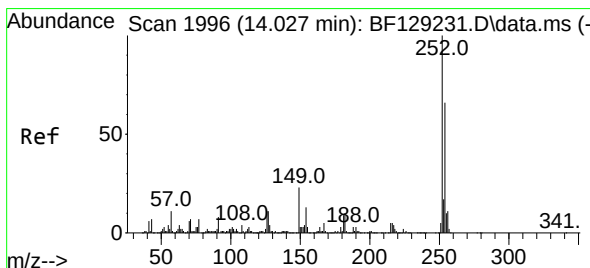
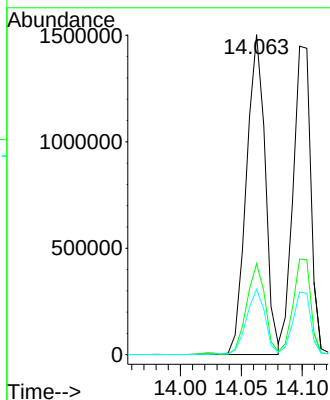
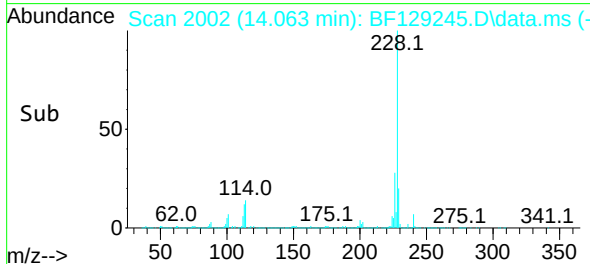
Instrument :
BNA_F
ClientSampleId :
TP-1MS



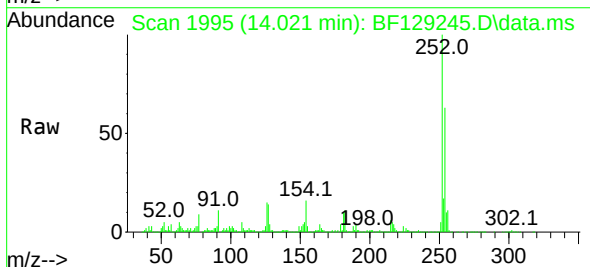
Tgt Ion:228 Resp: 1610574
Ion Ratio Lower Upper
228 100
226 28.4 22.1 33.1
229 20.5 15.8 23.8

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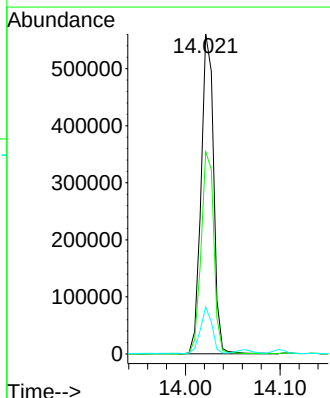
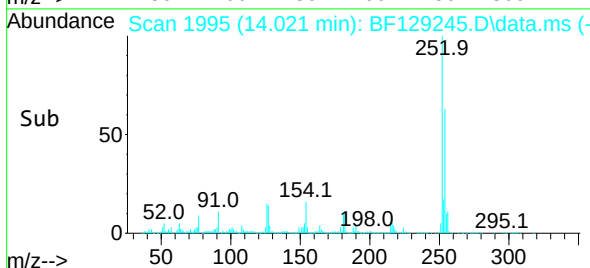
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

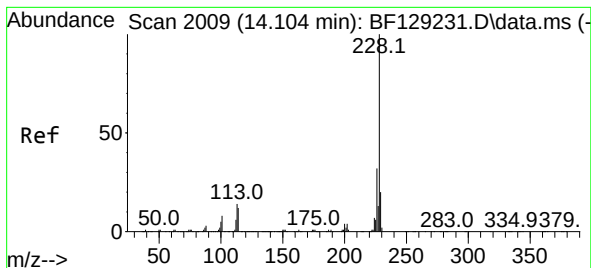


#82
3,3'-Dichlorobenzidine
Concen: 67.804 ng
RT: 14.021 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



Tgt Ion:252 Resp: 513275
Ion Ratio Lower Upper
252 100
254 63.2 50.2 75.4
126 14.7 8.2 12.4





#83

Chrysene

Concen: 50.638 ng

RT: 14.098 min Scan# 2009

Delta R.T. -0.006 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:228 Resp: 146265

Ion Ratio Lower Upper

228 100

226 31.0 24.3 36.5

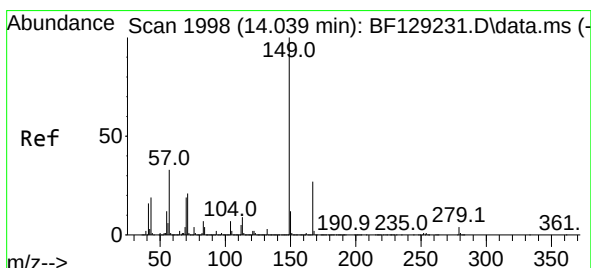
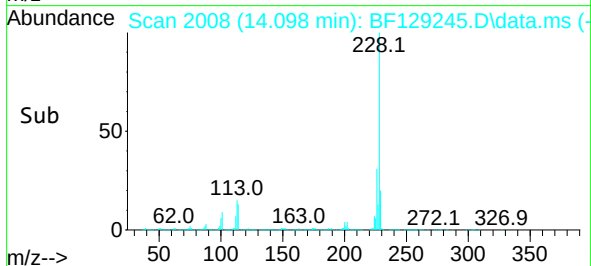
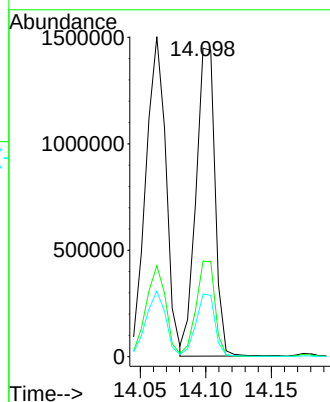
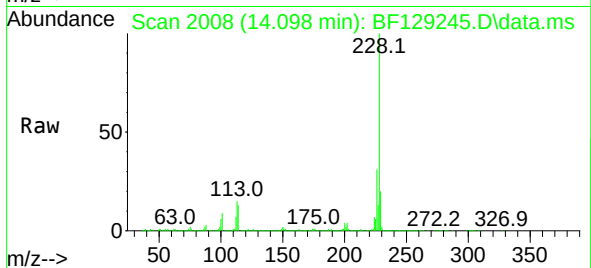
229 20.4 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.342 ng

RT: 14.039 min Scan# 1998

Delta R.T. 0.000 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

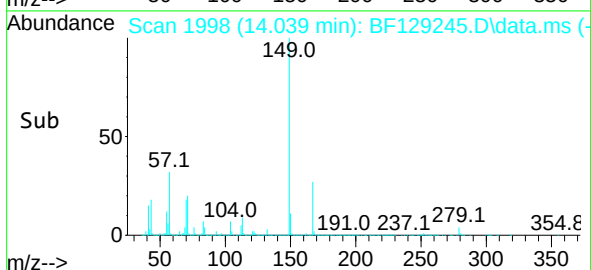
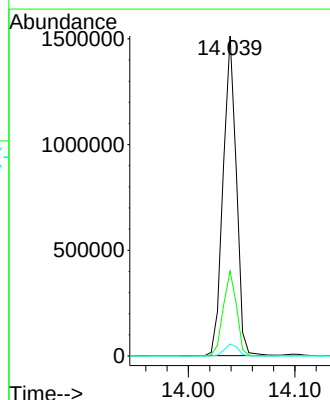
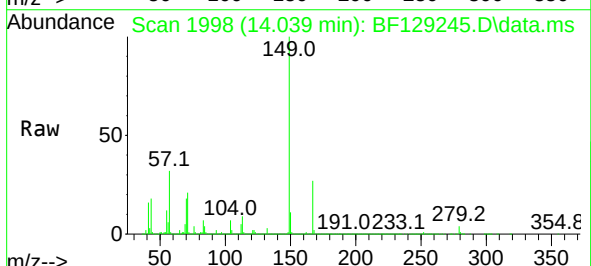
Tgt Ion:149 Resp: 1297550

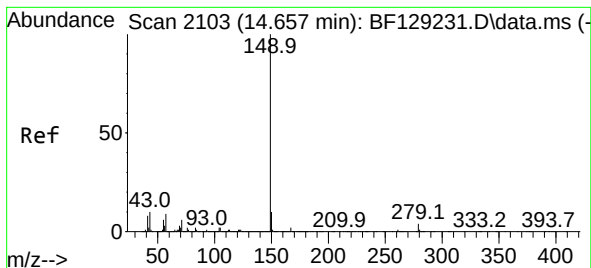
Ion Ratio Lower Upper

149 100

167 26.6 21.0 31.4

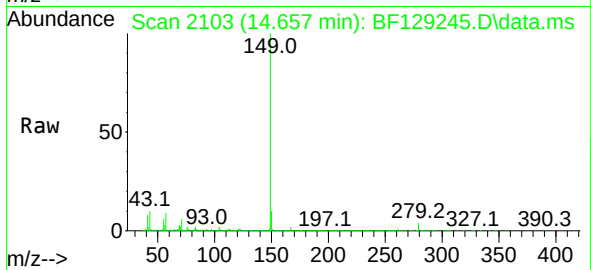
279 3.7 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 55.592 ng
RT: 14.657 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

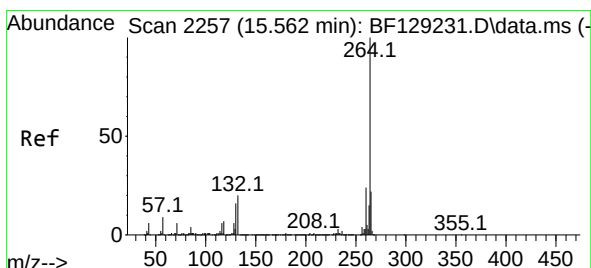
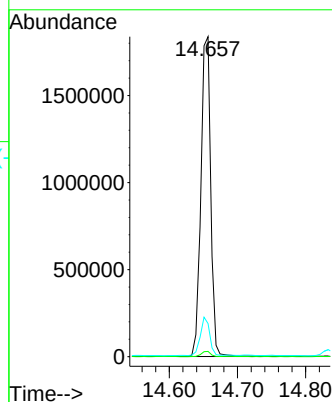
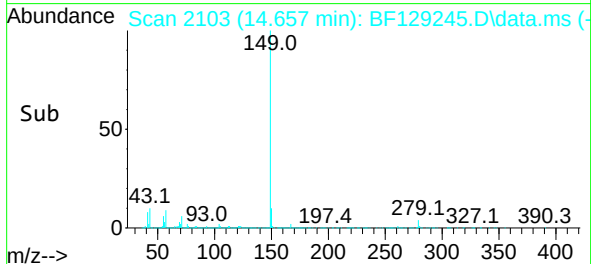
Instrument :
BNA_F
ClientSampleId :
TP-1MS



Tgt Ion:149 Resp: 183629
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 11.5 9.2 13.8

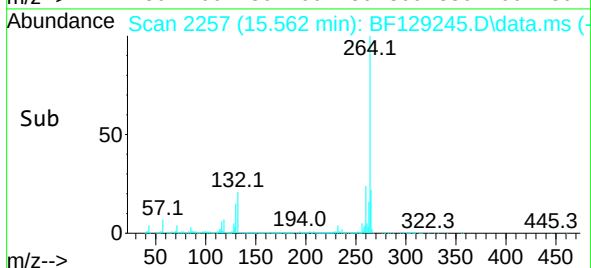
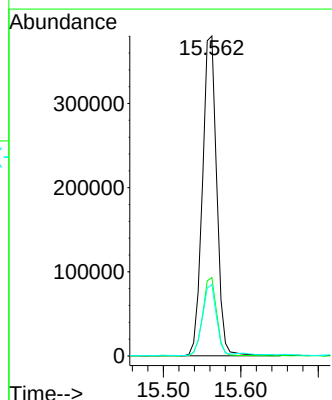
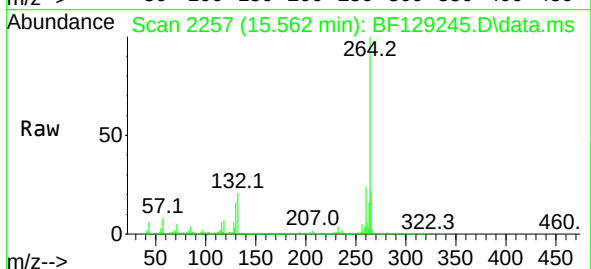
Manual Integrations
APPROVED

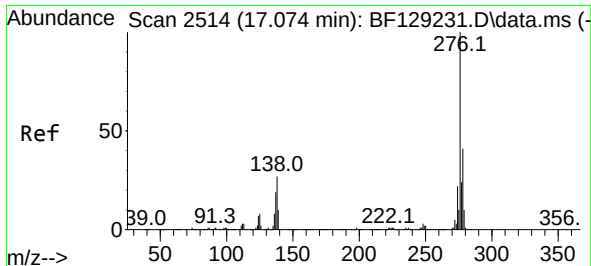
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.562 min Scan# 2257
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

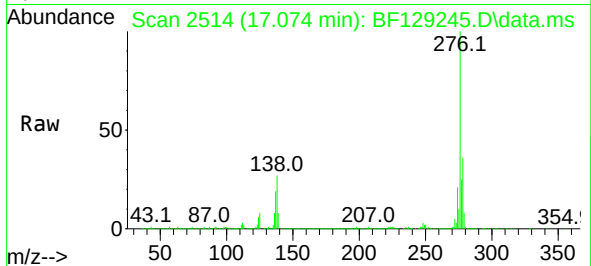
Tgt Ion:264 Resp: 486891
Ion Ratio Lower Upper
264 100
260 24.5 18.4 27.6
265 22.3 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 57.860 ng
RT: 17.074 min Scan# 2183
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

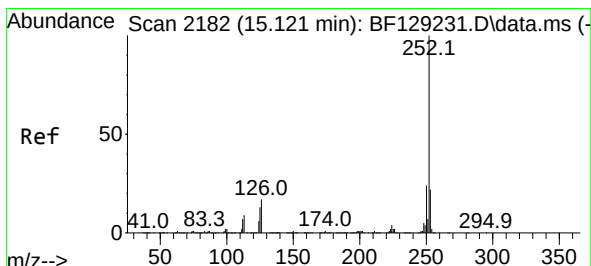
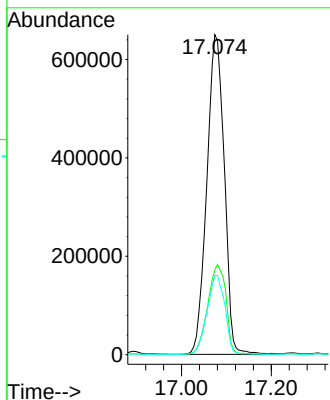
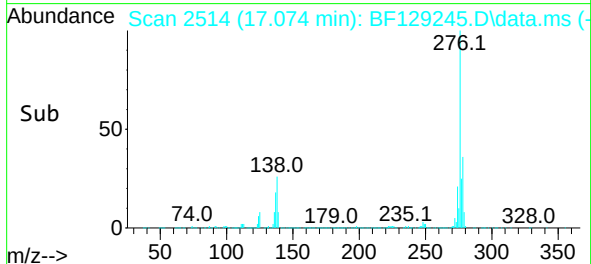
Instrument :
BNA_F
ClientSampleId :
TP-1MS



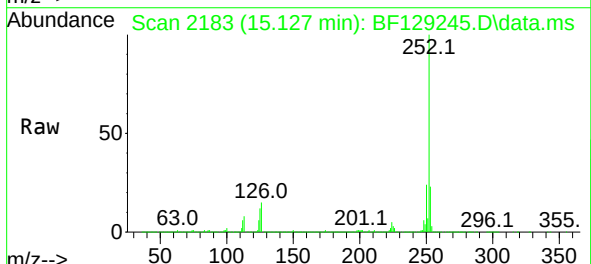
Tgt Ion:276 Resp: 1756672
Ion Ratio Lower Upper
276 100
138 29.3 21.1 31.7
277 25.2 20.3 30.5

Manual Integrations
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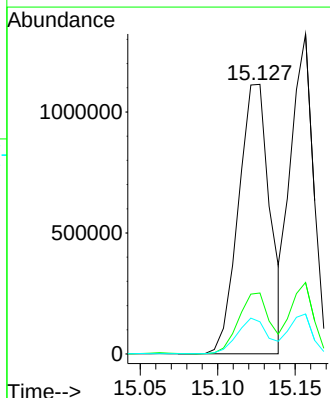
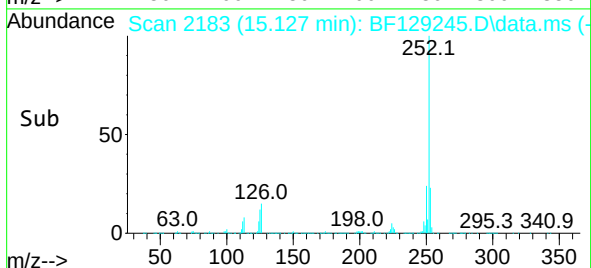
Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022

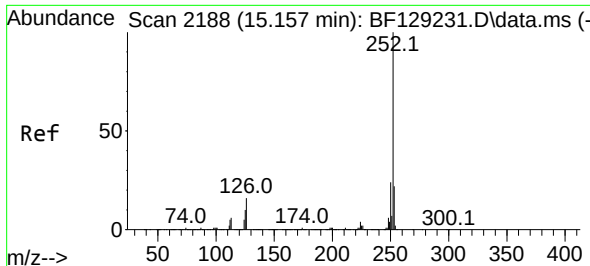


#88
Benzo(b)fluoranthene
Concen: 52.583 ng
RT: 15.127 min Scan# 2183
Delta R.T. 0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



Tgt Ion:252 Resp: 1572839
Ion Ratio Lower Upper
252 100
253 22.6 17.7 26.5
125 11.9 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 46.725 ng m

RT: 15.157 min Scan# 2188

Delta R.T. 0.000 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:252 Resp: 1365468

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

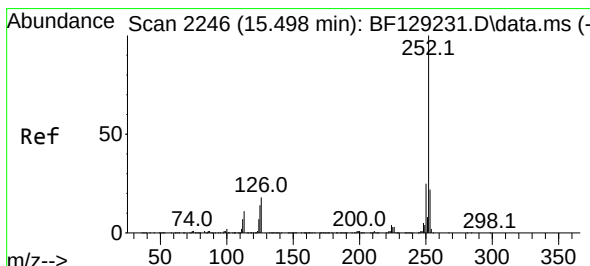
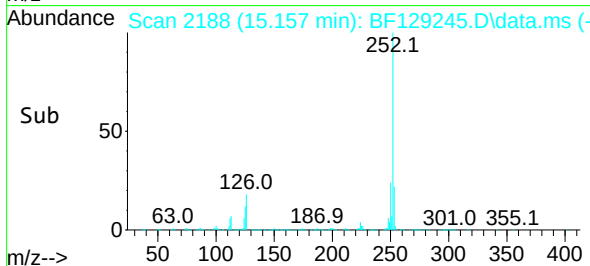
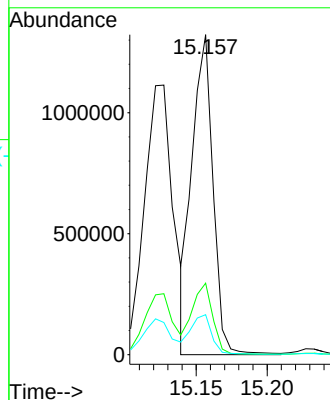
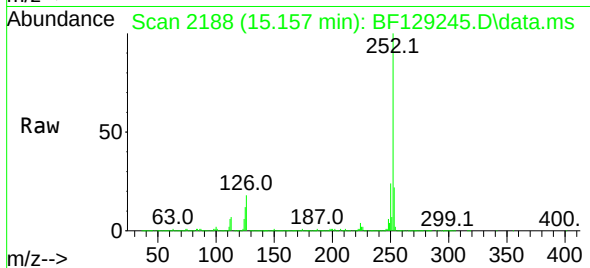
125 12.5 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 07/18/2022

Supervised By :Jagrut Upadhyay 07/18/2022



#90

Benzo(a)pyrene

Concen: 56.236 ng

RT: 15.498 min Scan# 2246

Delta R.T. 0.000 min

Lab File: BF129245.D

Acq: 15 Jul 2022 18:48

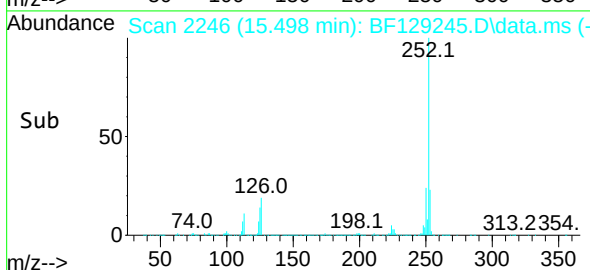
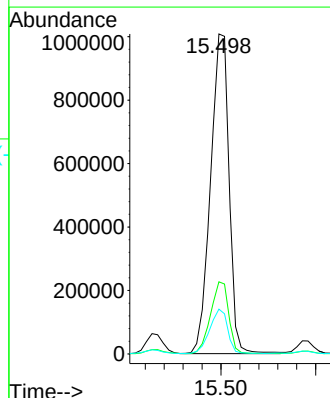
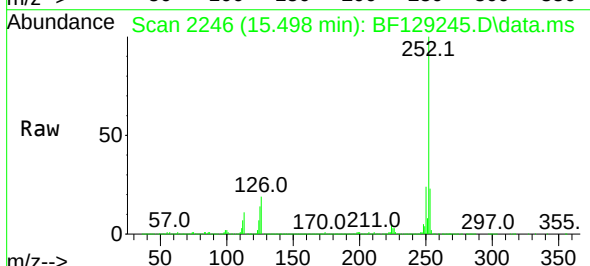
Tgt Ion:252 Resp: 1369363

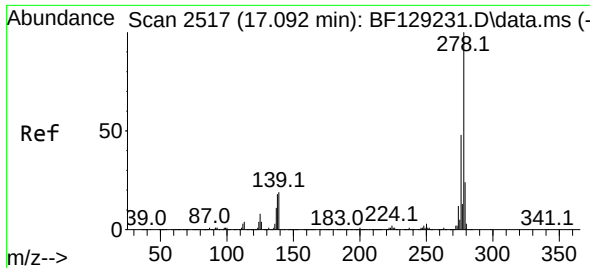
Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

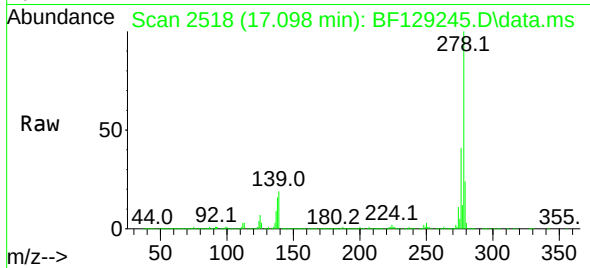
125 14.0 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 59.016 ng
RT: 17.098 min Scan# 2517
Delta R.T. 0.006 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48

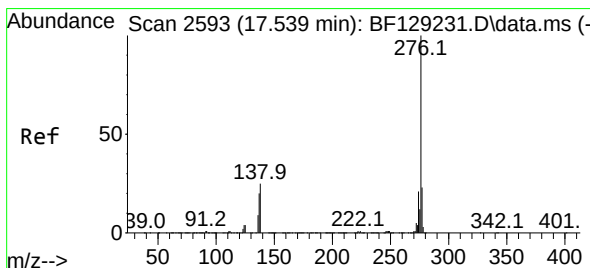
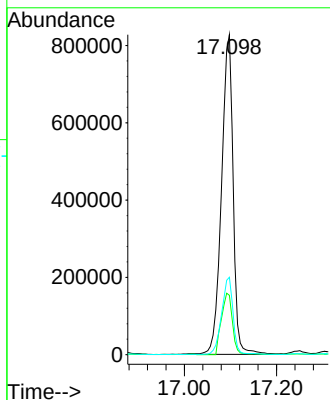
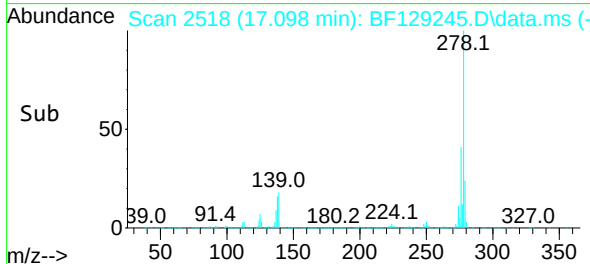
Instrument :
BNA_F
ClientSampleId :
TP-1MS



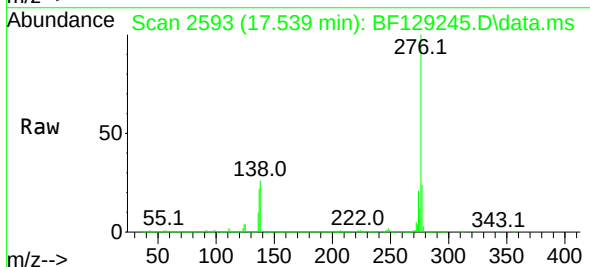
Tgt Ion:278 Resp: 1449298
Ion Ratio Lower Upper
278 100
139 18.6 12.8 19.2
279 24.2 18.6 28.0

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 07/18/2022
Supervised By :Jagrut Upadhyay 07/18/2022



#92
Benzo(g,h,i)perylene
Concen: 62.576 ng
RT: 17.539 min Scan# 2593
Delta R.T. 0.000 min
Lab File: BF129245.D
Acq: 15 Jul 2022 18:48



Tgt Ion:276 Resp: 1570858
Ion Ratio Lower Upper
276 100
277 23.6 19.1 28.7
138 25.7 18.0 27.0

