

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
 Data File : BF129274.D
 Acq On : 18 Jul 2022 18:39
 Operator : CG\JU
 Sample : N3731-02MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Quant Time: Jul 19 02:09:14 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 15 12:55:49 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	238600	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	940012	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	470182	20.000	ng	0.00
64) Phenanthrene-d10	11.433	188	696373	20.000	ng	0.00
76) Chrysene-d12	14.080	240	399381	20.000	ng	0.00
86) Perylene-d12	15.568	264	495737	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	1767552	118.310	ng	0.02
7) Phenol-d6	6.540	99	2100994	108.732	ng	0.01
23) Nitrobenzene-d5	7.469	82	1569690	89.262	ng	0.00
42) 2,4,6-Tribromophenol	10.739	330	572553	131.196	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	2580728	92.991	ng	0.00
79) Terphenyl-d14	13.016	244	2059618	96.472	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.869	88	287779	42.281	ng	# 76
3) Pyridine	3.616	79	673749	38.491	ng	91
4) n-Nitrosodimethylamine	3.546	42	393822	47.631	ng	89
6) Aniline	6.569	93	525289	23.139	ng	98
8) 2-Chlorophenol	6.692	128	813189	51.692	ng	97
9) Benzaldehyde	6.457	77	215936	18.210	ng	96
10) Phenol	6.551	94	820300m	42.262	ng	
11) bis(2-Chloroethyl)ether	6.639	93	816673	51.879	ng	94
12) 1,3-Dichlorobenzene	6.845	146	851986	50.928	ng	98
13) 1,4-Dichlorobenzene	6.922	146	856213	50.601	ng	99
14) 1,2-Dichlorobenzene	7.075	146	824848	52.299	ng	100
15) Benzyl Alcohol	7.045	79	698342	54.267	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1242305	49.527	ng	92
17) 2-Methylphenol	7.157	107	643941	48.696	ng	99
18) Hexachloroethane	7.416	117	332396	52.575	ng	93
19) n-Nitroso-di-n-propyla...	7.316	70	556241	48.942	ng	96
20) 3+4-Methylphenols	7.310	107	719294	44.257	ng	# 79
22) Acetophenone	7.316	105	1057121	48.731	ng	# 99
24) Nitrobenzene	7.487	77	854983	51.110	ng	97
25) Isophorone	7.728	82	1582151	53.532	ng	98
26) 2-Nitrophenol	7.804	139	439674	52.324	ng	88
27) 2,4-Dimethylphenol	7.834	122	729178m	55.806	ng	
28) bis(2-Chloroethoxy)met...	7.934	93	992157	50.397	ng	99
29) 2,4-Dichlorophenol	8.045	162	652847	50.259	ng	97
30) 1,2,4-Trichlorobenzene	8.128	180	668732	49.614	ng	96
31) Naphthalene	8.210	128	2223472	49.925	ng	100
32) Benzoic acid	7.945	122	382162	37.659	ng	94
33) 4-Chloroaniline	8.251	127	230012	12.454	ng	97
34) Hexachlorobutadiene	8.322	225	382474	50.439	ng	98
35) Caprolactam	8.633	113	160690m	37.240	ng	
36) 4-Chloro-3-methylphenol	8.739	107	691918	48.829	ng	93
37) 2-Methylnaphthalene	8.898	142	1473359	50.757	ng	99
38) 1-Methylnaphthalene	8.998	142	1397771	49.791	ng	98
40) 1,2,4,5-Tetrachloroben...	9.063	216	623156	53.307	ng	# 98
41) Hexachlorocyclopentadiene	9.051	237	674840	114.718	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	441321	51.269	ng	97

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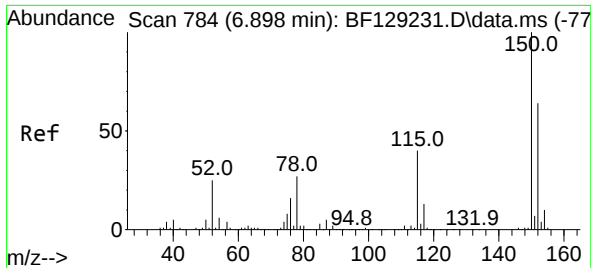
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	478236	52.523	ng	94
46) 1,1'-Biphenyl	9.363	154	1741904	52.379	ng	99
47) 2-Chloronaphthalene	9.392	162	1366124	52.154	ng	99
48) 2-Nitroaniline	9.486	65	441463	50.164	ng	91
49) Acenaphthylene	9.810	152	2059647	52.242	ng	100
50) Dimethylphthalate	9.663	163	1601106	52.475	ng	99
51) 2,6-Dinitrotoluene	9.728	165	359136	54.395	ng	93
52) Acenaphthene	9.980	154	1374348m	53.330	ng	
53) 3-Nitroaniline	9.898	138	232077	29.436	ng	# 89
54) 2,4-Dinitrophenol	10.004	184	253074	71.519	ng	96
55) Dibenzofuran	10.151	168	1848191	50.520	ng	99
56) 4-Nitrophenol	10.063	139	485829	77.855	ng	99
57) 2,4-Dinitrotoluene	10.133	165	446906	51.619	ng	99
58) Fluorene	10.492	166	1400056	50.317	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	337910	48.041	ng	92
60) Diethylphthalate	10.363	149	1506091	51.043	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	646665	50.170	ng	# 89
62) 4-Nitroaniline	10.516	138	336141	43.065	ng	93
63) Azobenzene	10.645	77	1529080	48.548	ng	96
65) 4,6-Dinitro-2-methylph...	10.539	198	184446	41.921	ng	95
66) n-Nitrosodiphenylamine	10.604	169	1237970	55.719	ng	97
67) 4-Bromophenyl-phenylether	10.975	248	409056	55.802	ng	95
68) Hexachlorobenzene	11.039	284	431169	56.034	ng	93
69) Atrazine	11.127	200	384343	62.398	ng	96
70) Pentachlorophenol	11.239	266	399227	87.251	ng	99
71) Phenanthrene	11.457	178	1826566	51.663	ng	99
72) Anthracene	11.510	178	1880846	53.554	ng	100
73) Carbazole	11.663	167	1657465	47.313	ng	100
74) Di-n-butylphthalate	11.986	149	2148112	53.358	ng	99
75) Fluoranthene	12.651	202	1614183	45.842	ng	99
77) Benzidine	12.763	184	133610	11.951	ng	98
78) Pyrene	12.880	202	1606675	49.668	ng	99
80) Butylbenzylphthalate	13.486	149	753838	52.320	ng	98
81) Benzo(a)anthracene	14.068	228	1333445	52.932	ng	100
82) 3,3'-Dichlorobenzidine	14.027	252	315678	50.093	ng	97
83) Chrysene	14.104	228	1249073	51.946	ng	100
84) Bis(2-ethylhexyl)phtha...	14.039	149	1094325	57.079	ng	100
85) Di-n-octyl phthalate	14.657	149	1776940	64.620	ng	98
87) Indeno(1,2,3-cd)pyrene	17.092	276	1868779	60.454	ng	98
88) Benzo(b)fluoranthene	15.133	252	1549034	50.863	ng	98
89) Benzo(k)fluoranthene	15.162	252	1457903	48.998	ng	99
90) Benzo(a)pyrene	15.509	252	1399044	56.429	ng	97
91) Dibenzo(a,h)anthracene	17.115	278	1586679	63.457	ng	97
92) Benzo(g,h,i)perylene	17.562	276	1586522	62.072	ng	98

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



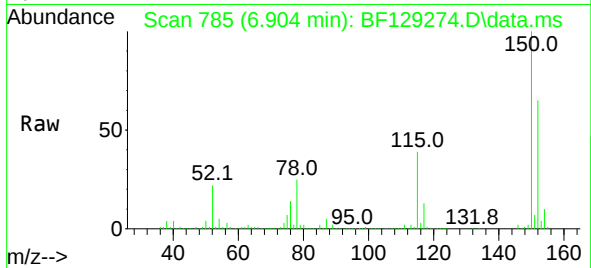
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: BF129274.D
 Acq: 18 Jul 2022 18:39

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

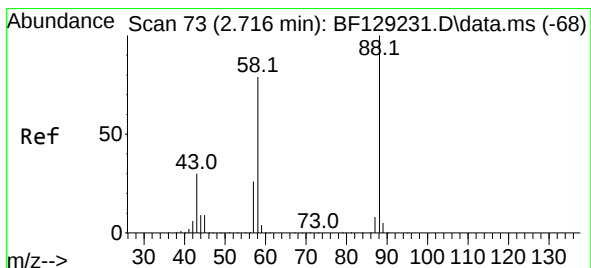
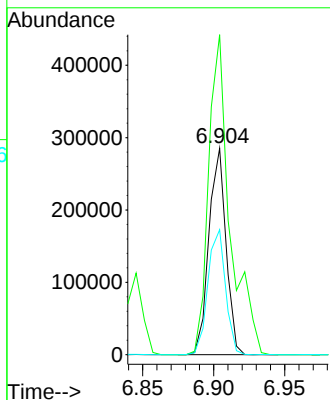


Tgt Ion:152 Resp: 238600
 Ion Ratio Lower Upper
 152 100
 150 155.0 123.7 185.5
 115 60.6 49.9 74.9

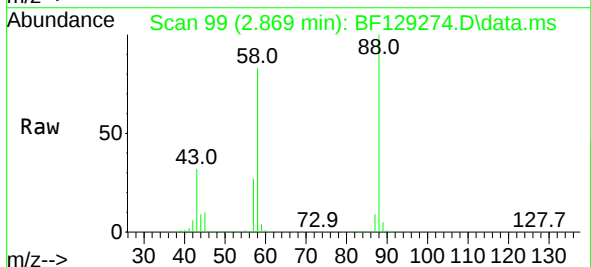
Manual Integrations
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 Giraldo
 07/19/2022

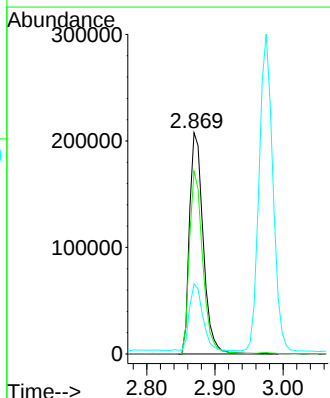
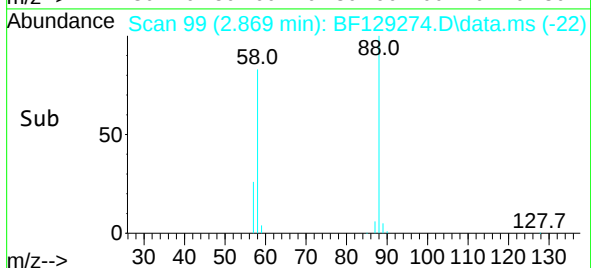
Supervised By :Jagrut
 Upadhyay
 07/19/2022

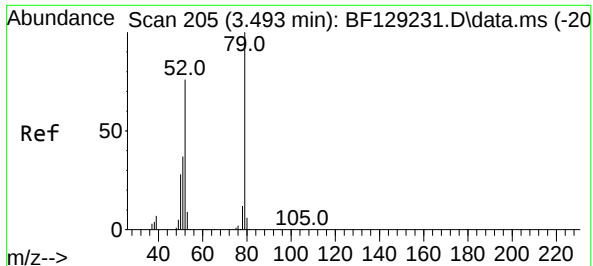


#2
 1,4-Dioxane
 Concen: 42.281 ng
 RT: 2.869 min Scan# 99
 Delta R.T. 0.153 min
 Lab File: BF129274.D
 Acq: 18 Jul 2022 18:39



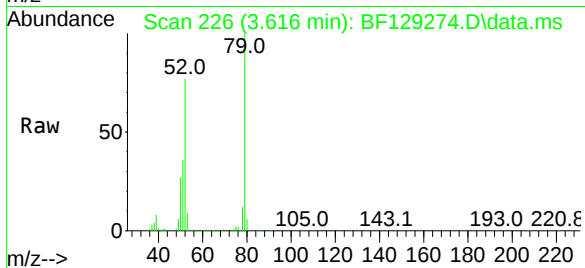
Tgt Ion: 88 Resp: 287779
 Ion Ratio Lower Upper
 88 100
 58 79.4 71.8 107.8
 43 0.0 26.6 39.8





#3
Pyridine
Concen: 38.491 ng
RT: 3.616 min Scan# 210
Delta R.T. 0.123 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

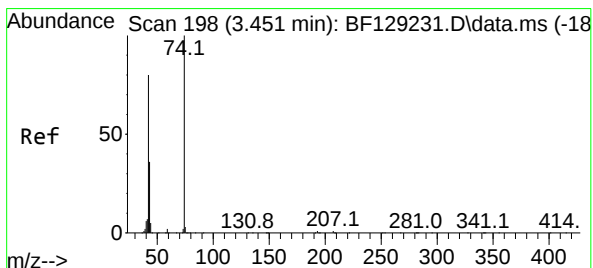
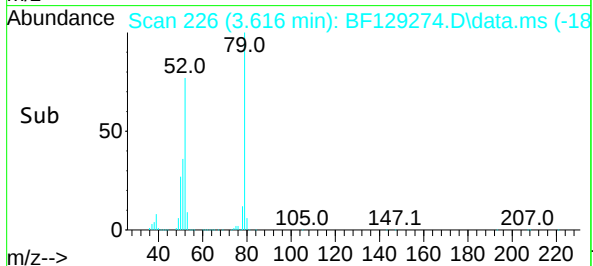
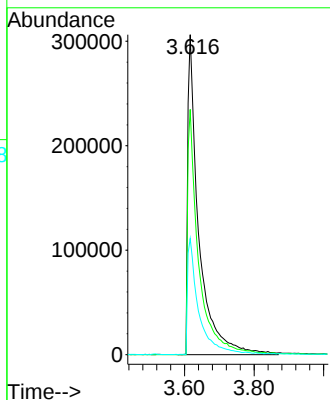


Tgt Ion: 79 Resp: 673749
Ion Ratio Lower Upper
79 100
52 76.6 68.6 102.8
51 36.3 32.9 49.3

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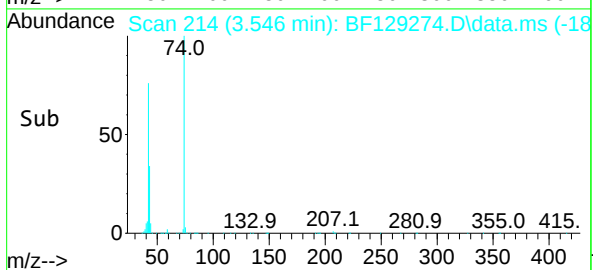
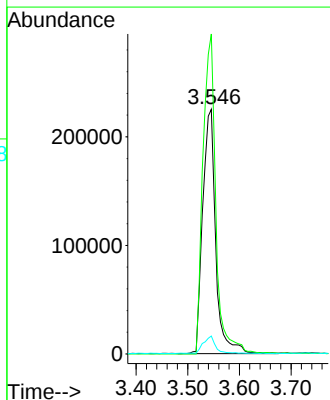
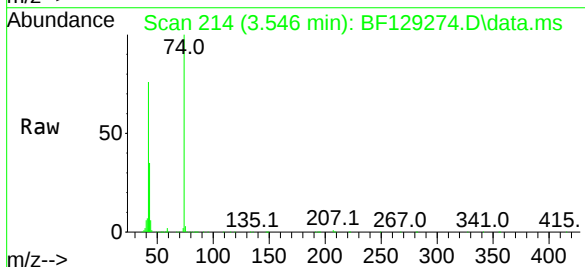
Reviewed By :Christian
Giraldo
07/19/2022

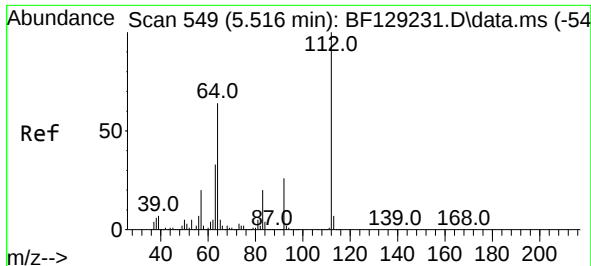
Supervised By :Jagrut
Upadhyay
07/19/2022



#4
n-Nitrosodimethylamine
Concen: 47.631 ng
RT: 3.546 min Scan# 214
Delta R.T. 0.094 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

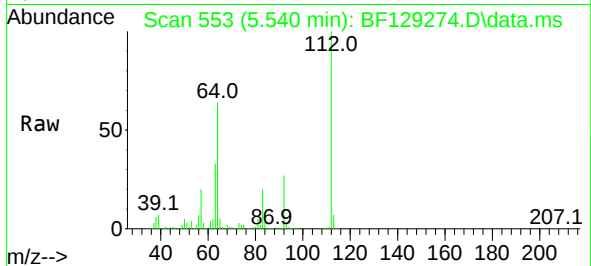
Tgt Ion: 42 Resp: 393822
Ion Ratio Lower Upper
42 100
74 130.8 94.8 142.2
44 7.3 6.6 10.0





#5
2-Fluorophenol
Concen: 118.310 ng
RT: 5.540 min Scan# 511
Delta R.T. 0.023 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

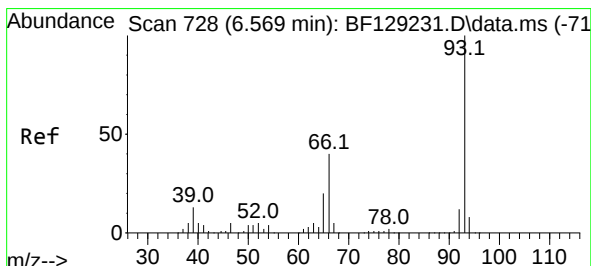
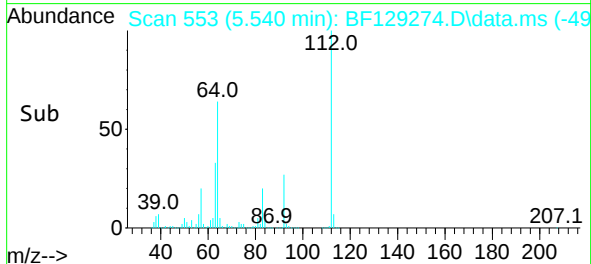
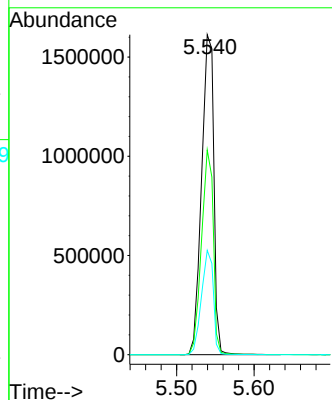


Tgt Ion:112 Resp: 1767552
Ion Ratio Lower Upper
112 100
64 64.0 53.3 79.9
63 32.6 28.0 42.0

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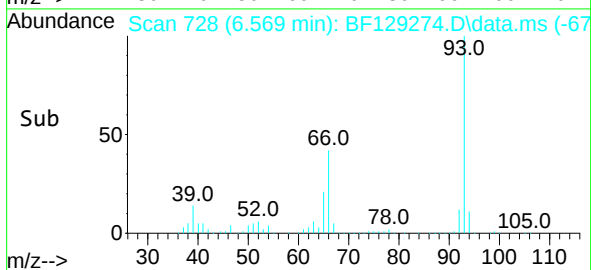
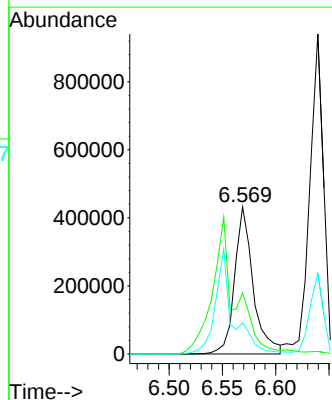
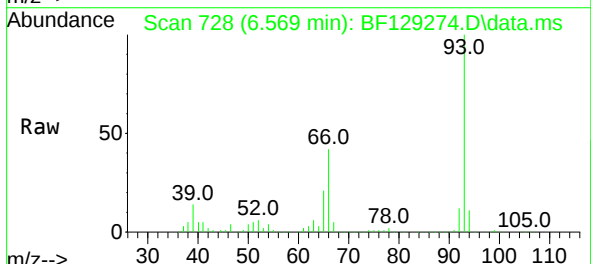
Reviewed By :Christian
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Supervised By :Jagrut
Upadhyay
07/19/2022



#6
Aniline
Concen: 23.139 ng
RT: 6.569 min Scan# 728
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

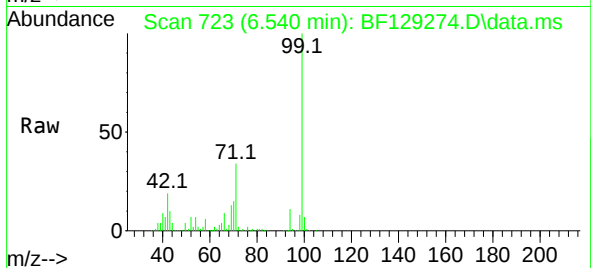
Tgt Ion: 93 Resp: 525289
Ion Ratio Lower Upper
93 100
66 41.6 32.5 48.7
65 21.2 16.4 24.6





#7
Phenol-d6
Concen: 108.732 ng
RT: 6.540 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
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ClientSampleId :
TP-1MSD

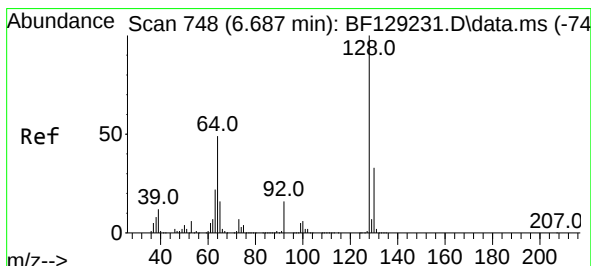
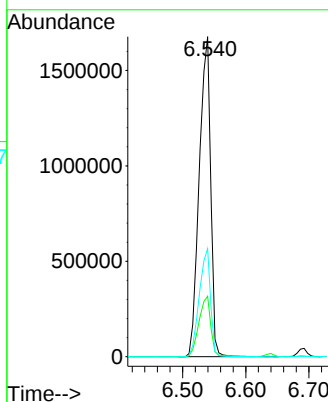
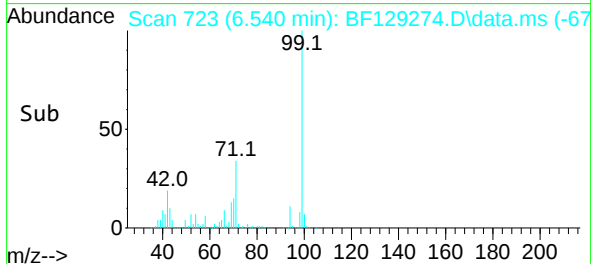


Tgt Ion: 99 Resp: 2100994
Ion Ratio Lower Upper
99 100
42 18.9 17.3 25.9
71 33.8 28.9 43.3

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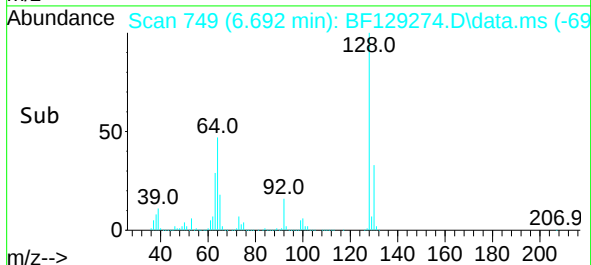
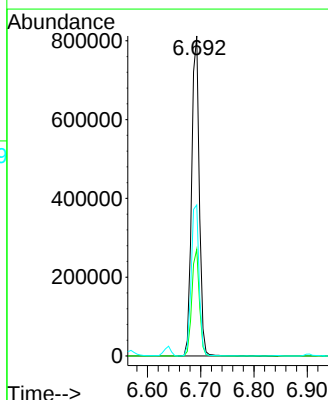
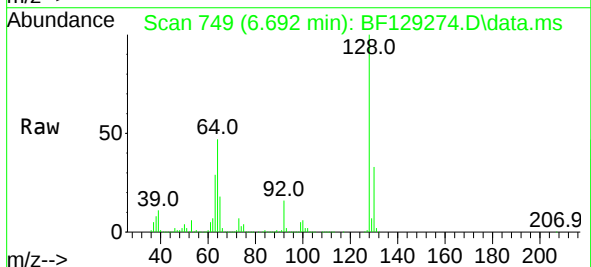
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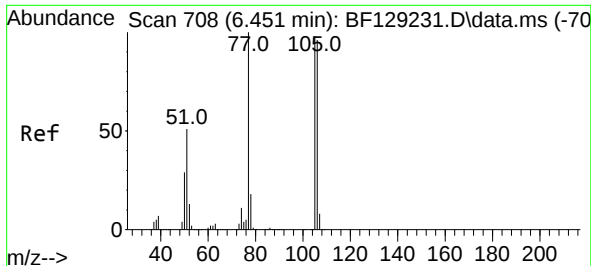
Supervised By :Jagrut
Upadhyay
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#8
2-Chlorophenol
Concen: 51.692 ng
RT: 6.692 min Scan# 749
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

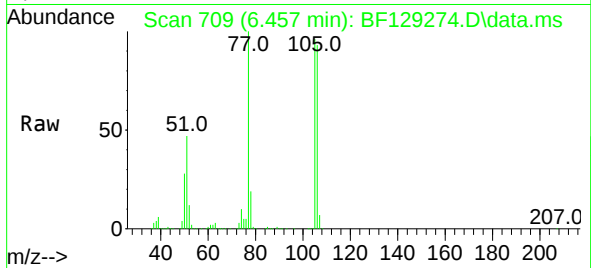
Tgt Ion:128 Resp: 813189
Ion Ratio Lower Upper
128 100
130 33.4 13.1 53.1
64 47.2 30.9 70.9





#9
Benzaldehyde
Concen: 18.210 ng
RT: 6.457 min Scan# 709
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
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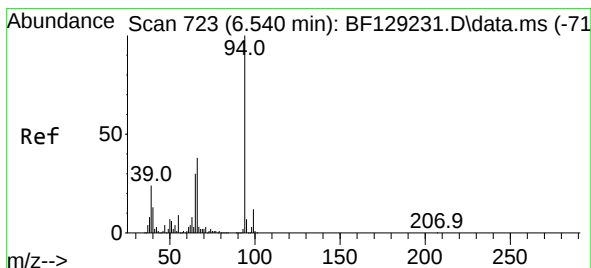
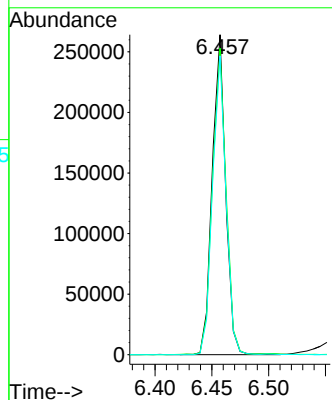


Tgt Ion: 77 Resp: 215930
Ion Ratio Lower Upper
77 100
105 95.8 81.6 121.6
106 93.4 76.1 116.1

Manual Integrations
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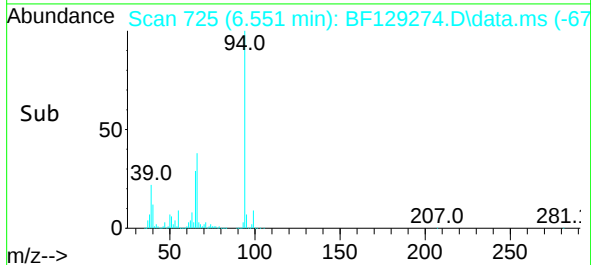
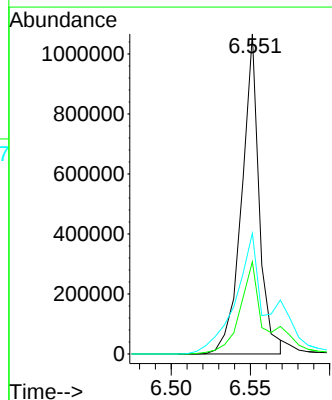
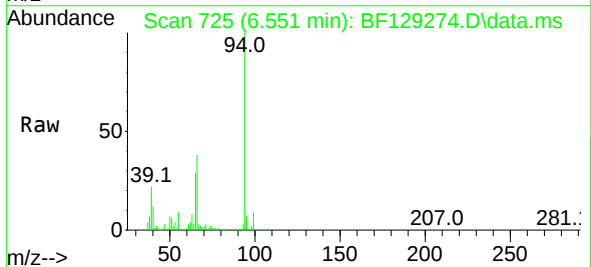
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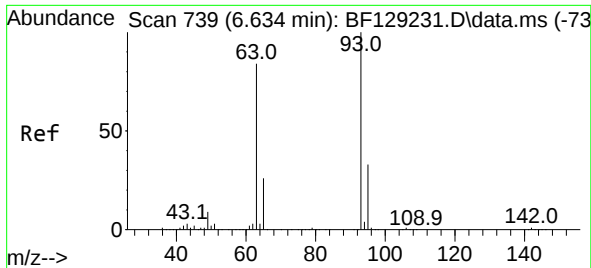
Supervised By :Jagrut
Upadhyay
07/19/2022



#10
Phenol
Concen: 42.262 ng m
RT: 6.551 min Scan# 725
Delta R.T. 0.012 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

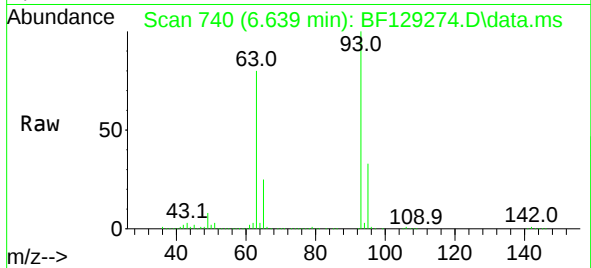
Tgt Ion: 94 Resp: 820300
Ion Ratio Lower Upper
94 100
65 28.8 11.4 51.4
66 37.7 21.4 61.4





#11
bis(2-Chloroethyl)ether
Concen: 51.879 ng
RT: 6.639 min Scan# 740
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

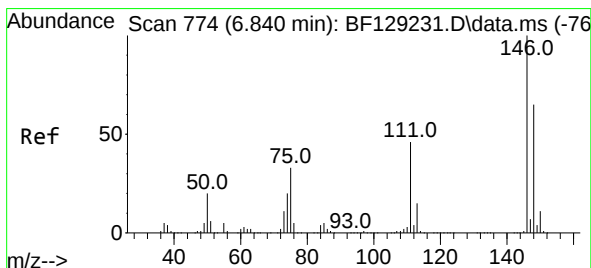
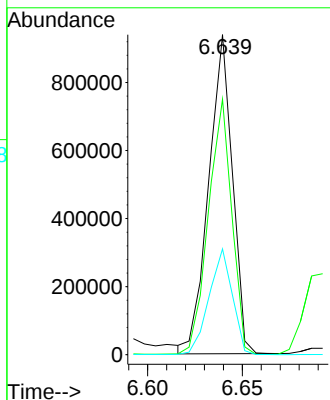
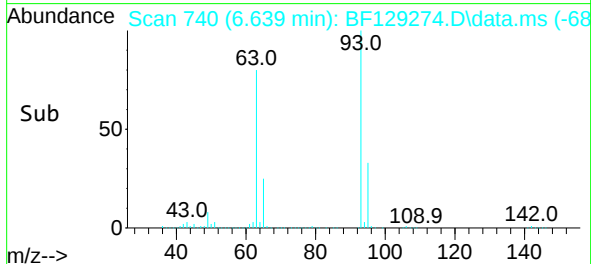


Tgt Ion: 93 Resp: 81667
Ion Ratio Lower Upper
93 100
63 79.9 67.4 107.4
95 33.0 12.7 52.7

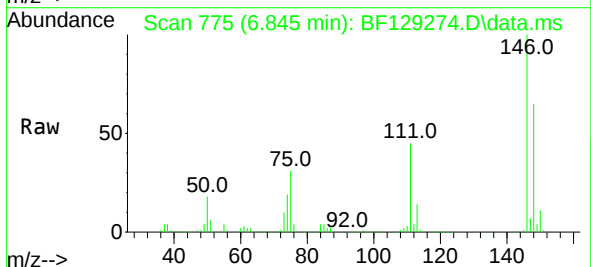
Manual Integrations
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Reviewed By :Christian
Giraldo
07/19/2022

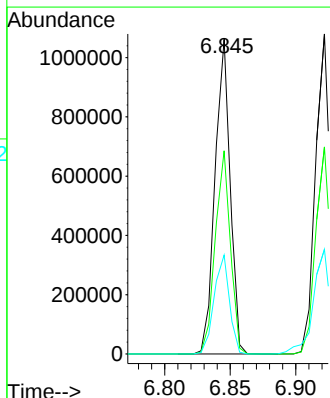
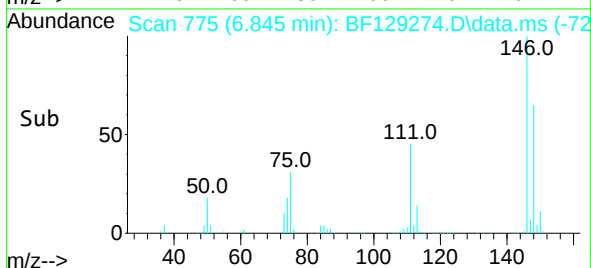
Supervised By :Jagrut
Upadhyay
07/19/2022

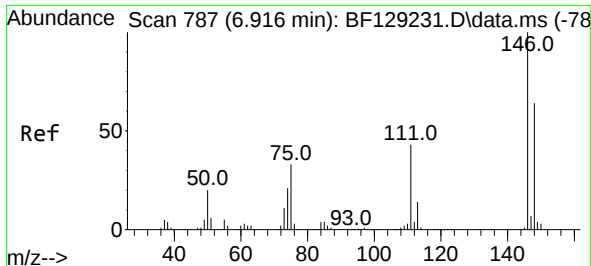


#12
1,3-Dichlorobenzene
Concen: 50.928 ng
RT: 6.845 min Scan# 775
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39



Tgt Ion:146 Resp: 851986
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
75 31.4 26.3 39.5





#13

1,4-Dichlorobenzene

Concen: 50.601 ng

RT: 6.922 min Scan# 788

Delta R.T. 0.006 min

Lab File: BF129274.D

Acq: 18 Jul 2022 18:39

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:146 Resp: 85621

Ion Ratio Lower Upper

146 100

148 64.7 51.1 76.7

111 43.5 34.2 51.4

Manual Integrations

APPROVED

Reviewed By :Christian

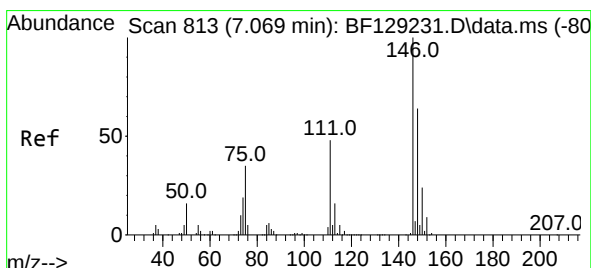
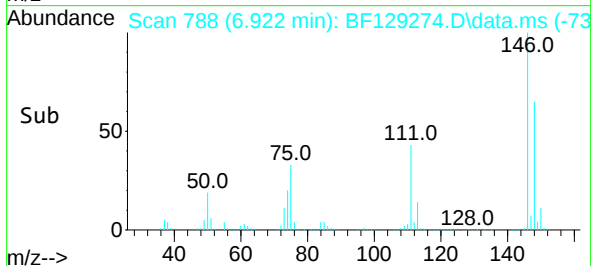
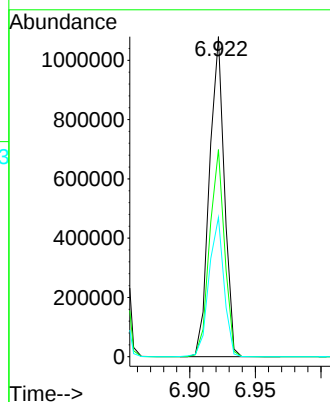
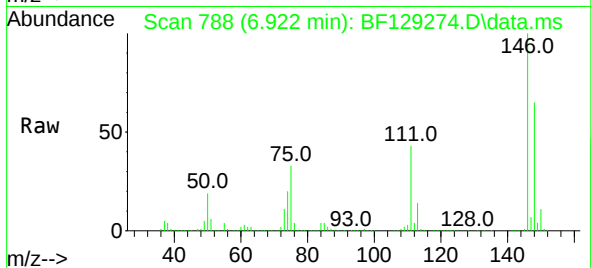
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#14

1,2-Dichlorobenzene

Concen: 52.299 ng

RT: 7.075 min Scan# 814

Delta R.T. 0.006 min

Lab File: BF129274.D

Acq: 18 Jul 2022 18:39

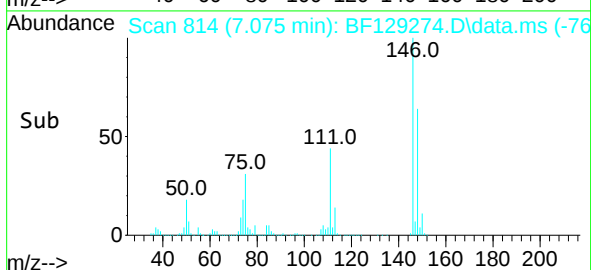
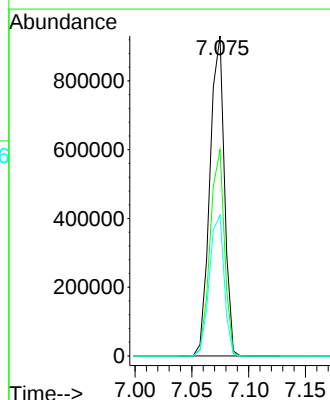
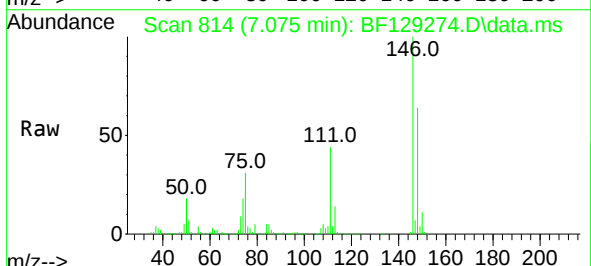
Tgt Ion:146 Resp: 824848

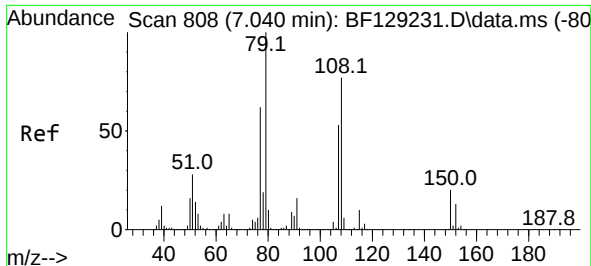
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.8

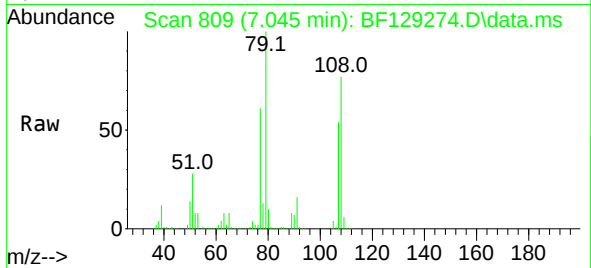
111 44.0 35.1 52.7





#15
Benzyl Alcohol
Concen: 54.267 ng
RT: 7.045 min Scan# 808
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

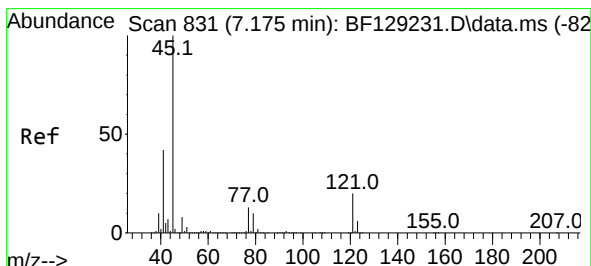
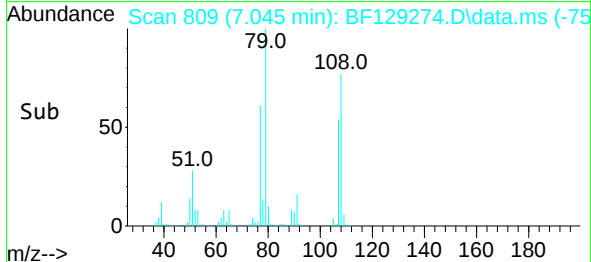
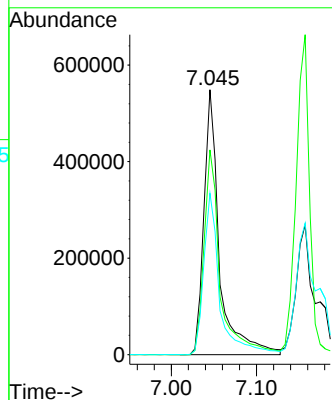


Tgt Ion: 79 Resp: 69834
Ion Ratio Lower Upper
79 100
108 77.3 61.8 92.6
77 61.0 50.2 75.4

Manual Integrations
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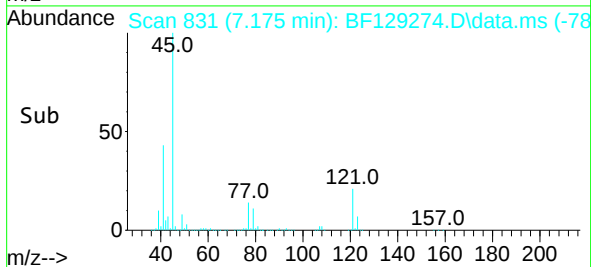
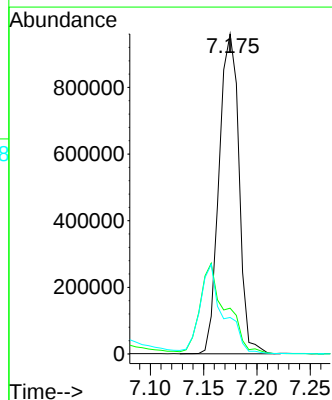
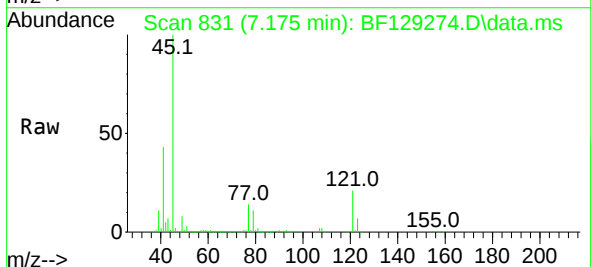
Reviewed By :Christian
Giraldo
07/19/2022

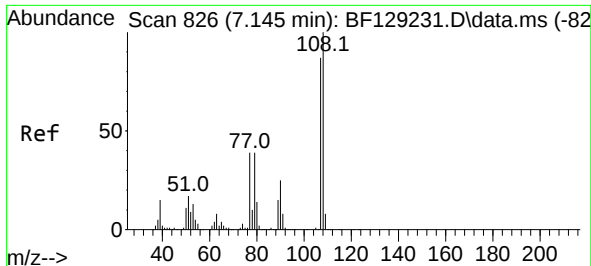
Supervised By :Jagrut
Upadhyay
07/19/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.527 ng
RT: 7.175 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Tgt Ion: 45 Resp: 1242305
Ion Ratio Lower Upper
45 100
77 14.3 0.0 31.3
79 11.4 0.0 28.3





#17

2-Methylphenol

Concen: 48.696 ng

RT: 7.157 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF129274.D

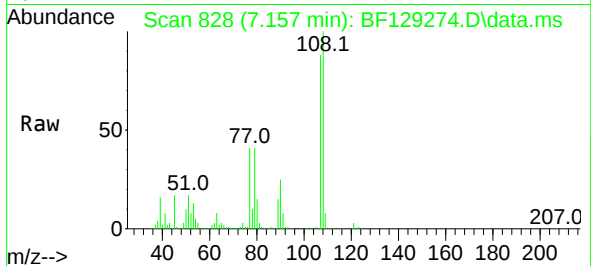
Acq: 18 Jul 2022 18:39

Instrument :

BNA_F

ClientSampleId :

TP-1MSD



Tgt Ion:107 Resp: 64394

Ion Ratio Lower Upper

107 100

108 113.4 91.9 137.9

77 46.6 37.8 56.8

79 46.0 37.4 56.0

Manual Integrations

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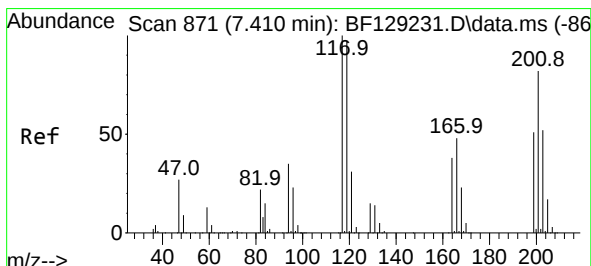
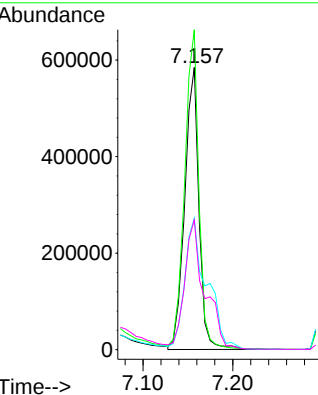
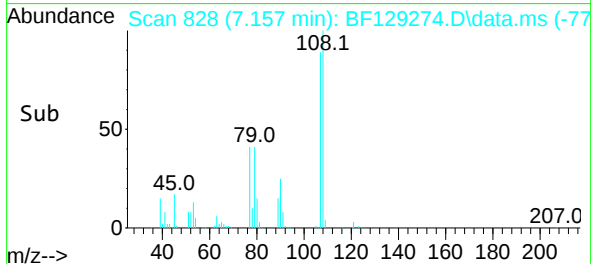
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#18

Hexachloroethane

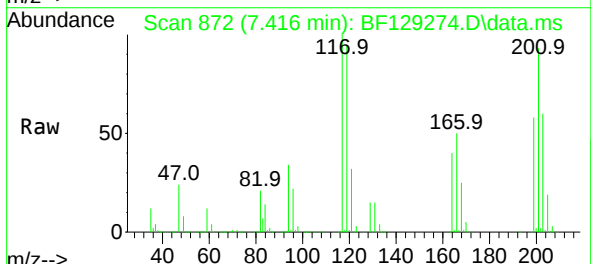
Concen: 52.575 ng

RT: 7.416 min Scan# 872

Delta R.T. 0.006 min

Lab File: BF129274.D

Acq: 18 Jul 2022 18:39



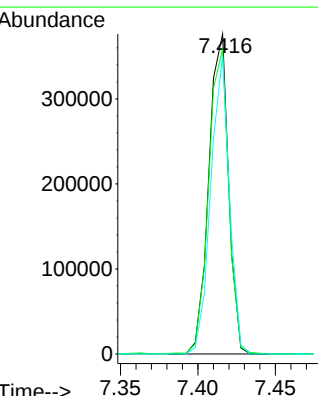
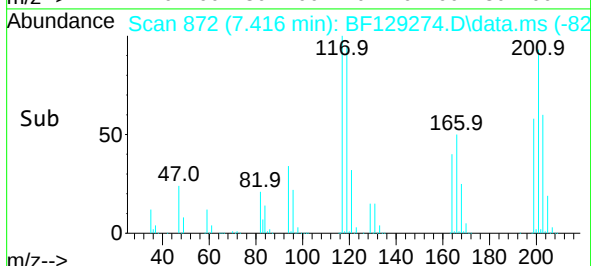
Tgt Ion:117 Resp: 332396

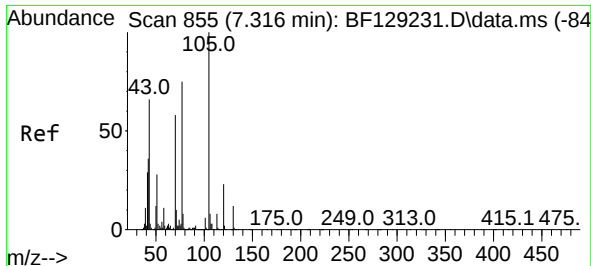
Ion Ratio Lower Upper

117 100

119 95.2 77.4 116.2

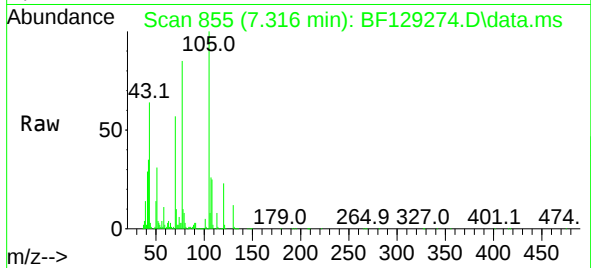
201 93.2 84.6 127.0





#19
n-Nitroso-di-n-propylamine
Concen: 48.942 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

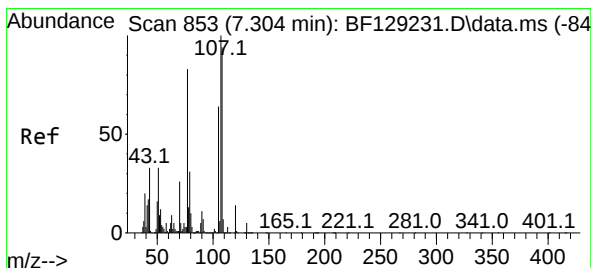
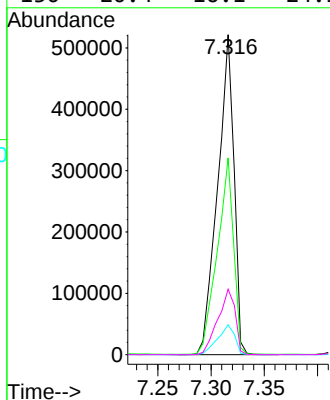


Tgt Ion: 70 Resp: 55624
Ion Ratio Lower Upper
70 100
42 61.5 52.3 78.5
101 9.3 7.5 11.3
130 20.4 16.1 24.1

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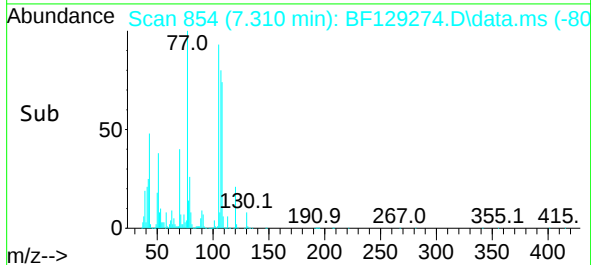
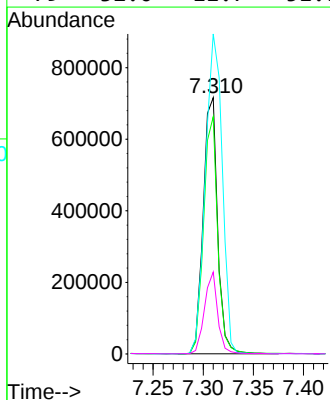
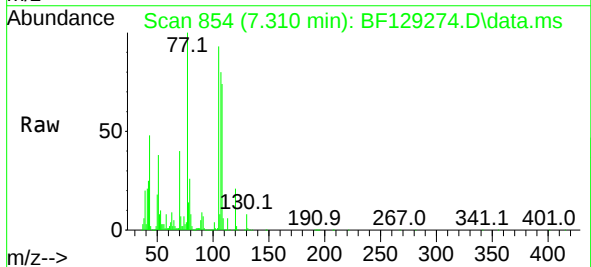
Reviewed By :Christian
Giraldo
07/19/2022

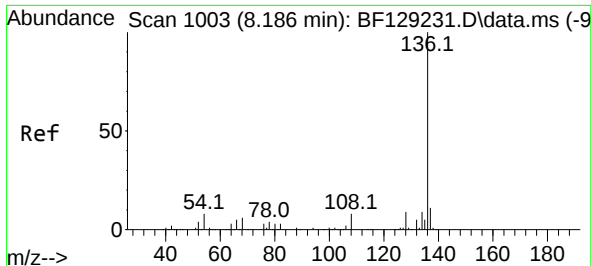
Supervised By :Jagrut
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07/19/2022



#20
3+4-Methylphenols
Concen: 44.257 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Tgt Ion:107 Resp: 719294
Ion Ratio Lower Upper
107 100
108 92.6 71.8 111.8
77 124.8 59.3 99.3#
79 32.0 11.7 51.7





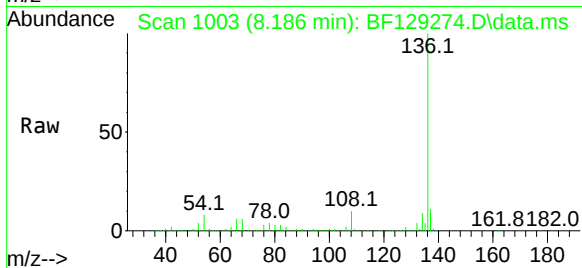
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

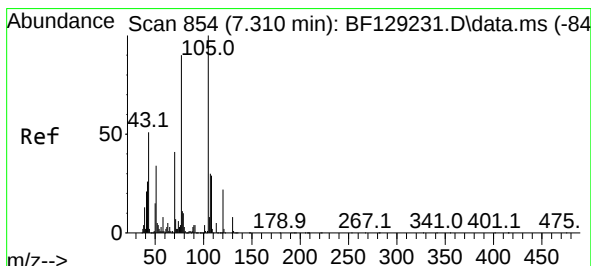
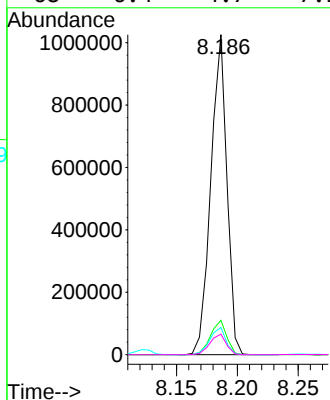
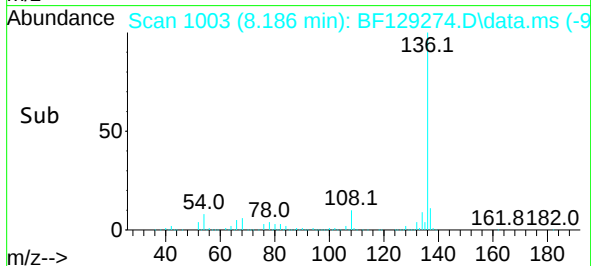


Tgt Ion:136 Resp: 940012
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.5 7.5 11.3
68 6.4 4.7 7.1

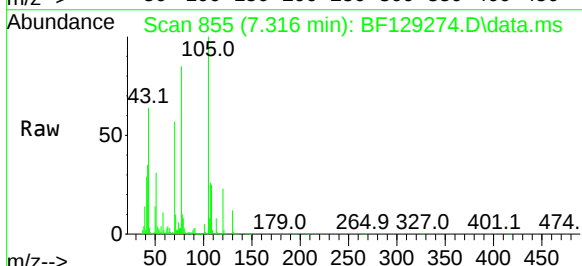
Manual Integrations
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Reviewed By :Christian
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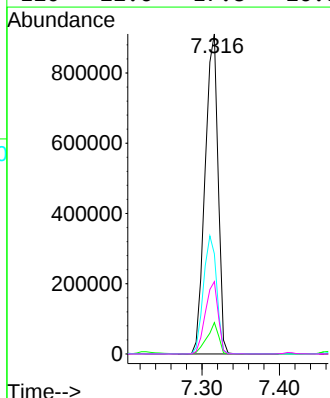
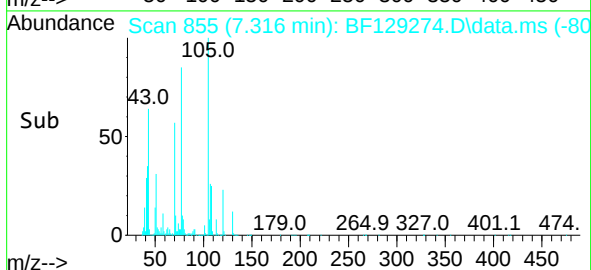
Supervised By :Jagrut
Upadhyay
07/19/2022

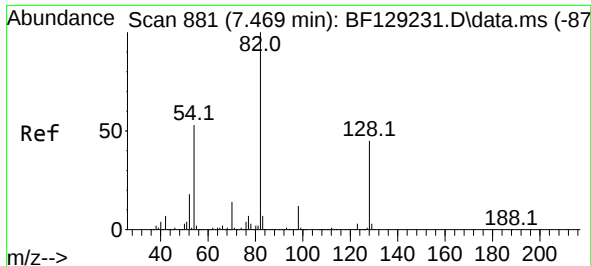


#22
Acetophenone
Concen: 48.731 ng
RT: 7.316 min Scan# 855
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39



Tgt Ion:105 Resp: 1057121
Ion Ratio Lower Upper
105 100
71 9.8 5.0 7.4#
51 31.3 25.0 37.4
120 22.6 17.8 26.8





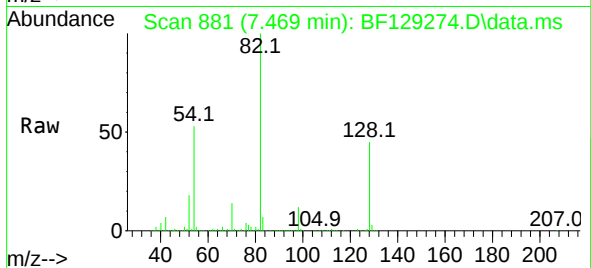
#23
Nitrobenzene-d5
Concen: 89.262 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

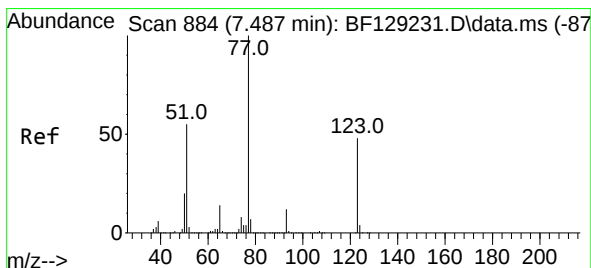
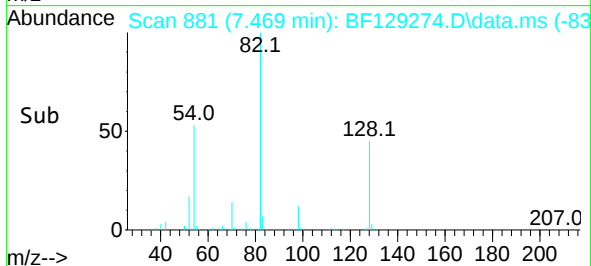
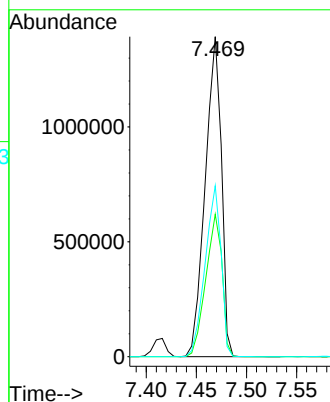


Tgt Ion: 82 Resp: 1569690
Ion Ratio Lower Upper
82 100
128 44.5 34.0 51.0
54 53.4 46.9 70.3

Manual Integrations
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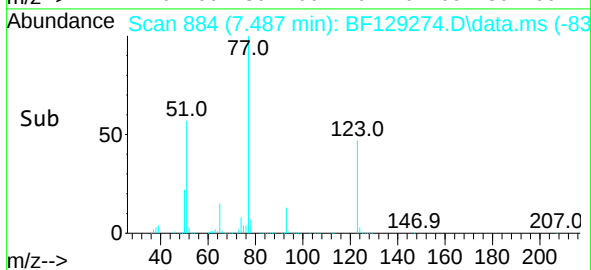
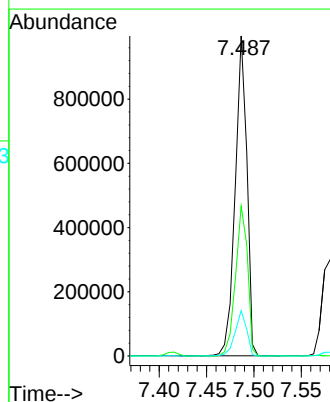
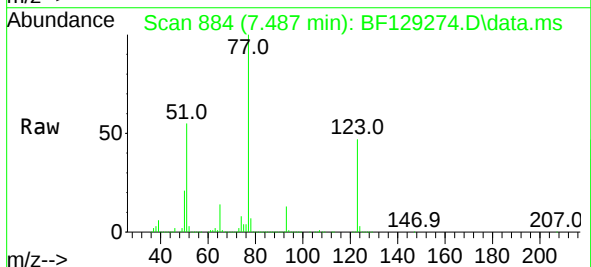
Reviewed By :Christian
Giraldo
07/19/2022

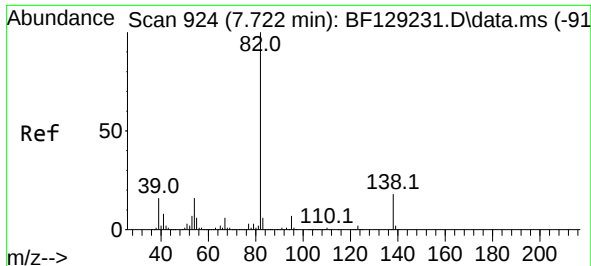
Supervised By :Jagrut
Upadhyay
07/19/2022



#24
Nitrobenzene
Concen: 51.110 ng
RT: 7.487 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

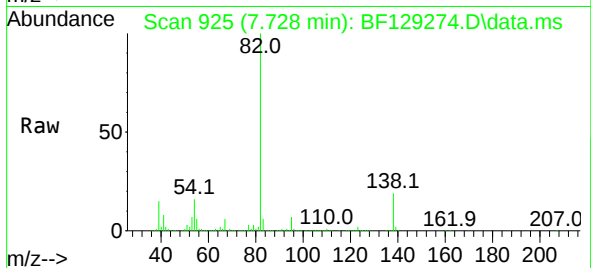
Tgt Ion: 77 Resp: 854983
Ion Ratio Lower Upper
77 100
123 46.8 35.4 53.2
65 14.1 11.8 17.8





#25
Isophorone
Concen: 53.532 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

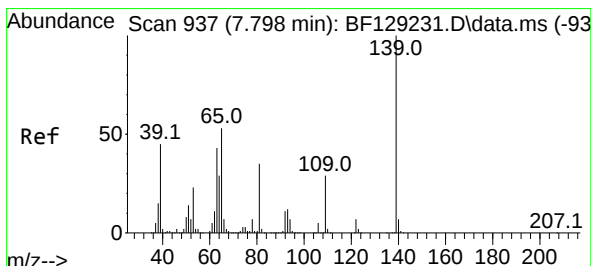
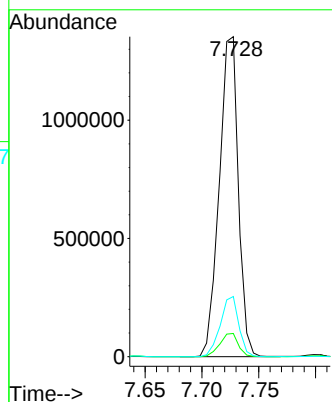


Tgt Ion: 82 Resp: 158215
Ion Ratio Lower Upper
82 100
95 7.3 5.7 8.5
138 18.8 14.2 21.2

Manual Integrations
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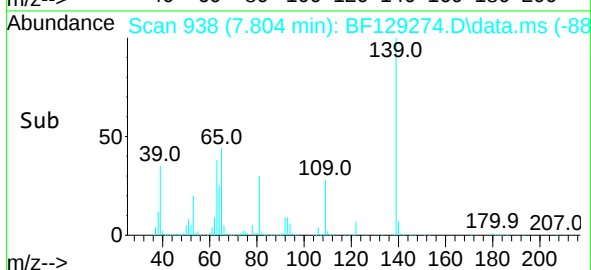
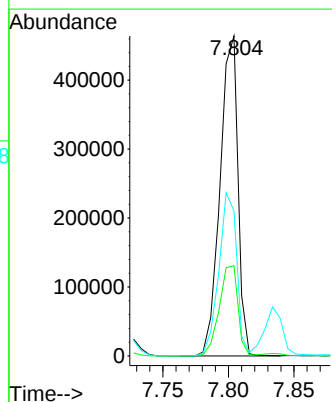
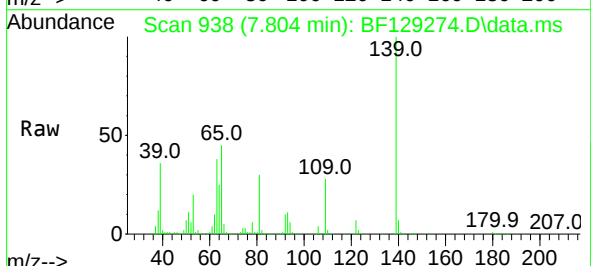
Reviewed By :Christian
Giraldo
07/19/2022

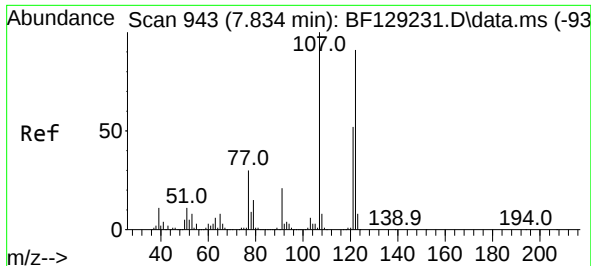
Supervised By :Jagrut
Upadhyay
07/19/2022



#26
2-Nitrophenol
Concen: 52.324 ng
RT: 7.804 min Scan# 938
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

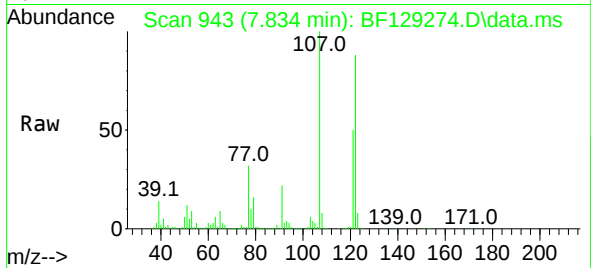
Tgt Ion:139 Resp: 439674
Ion Ratio Lower Upper
139 100
109 28.2 25.0 37.4
65 45.3 45.1 67.7





#27
2,4-Dimethylphenol
Concen: 55.806 ng m
RT: 7.834 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

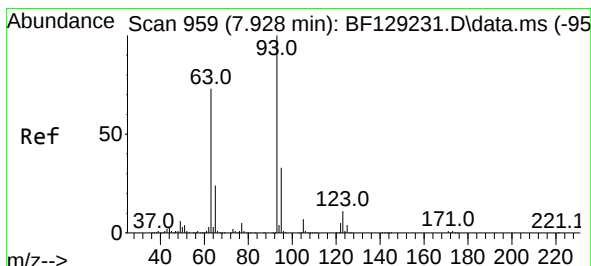
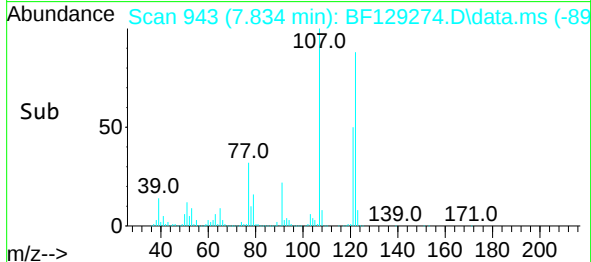
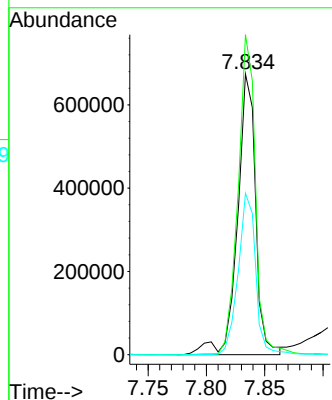


Tgt Ion:122 Resp: 729178
Ion Ratio Lower Upper
122 100
107 114.0 93.0 139.6
121 57.5 46.6 70.0

Manual Integrations
APPROVED

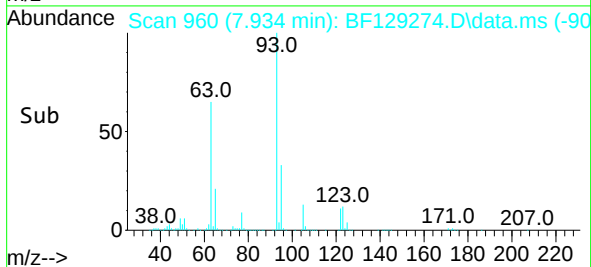
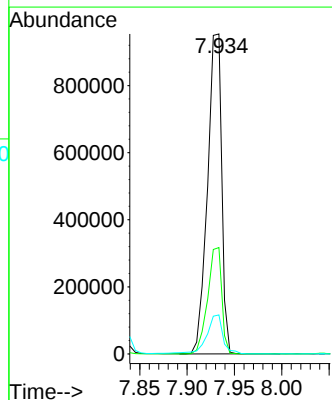
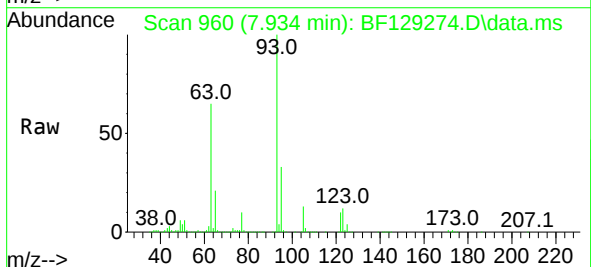
Reviewed By :Christian
Giraldo
07/19/2022

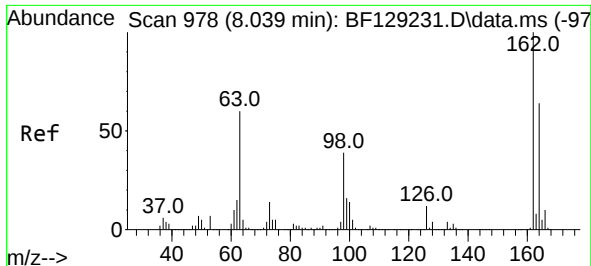
Supervised By :Jagrut
Upadhyay
07/19/2022



#28
bis(2-Chloroethoxy)methane
Concen: 50.397 ng
RT: 7.934 min Scan# 960
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

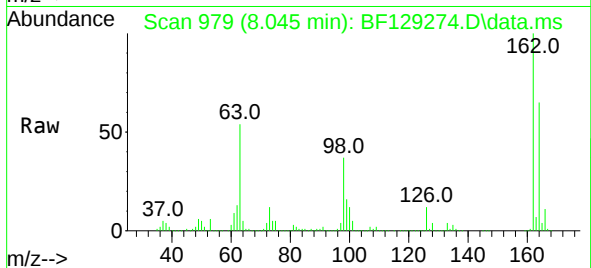
Tgt Ion: 93 Resp: 992157
Ion Ratio Lower Upper
93 100
95 33.3 26.8 40.2
123 12.2 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 50.259 ng
RT: 8.045 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

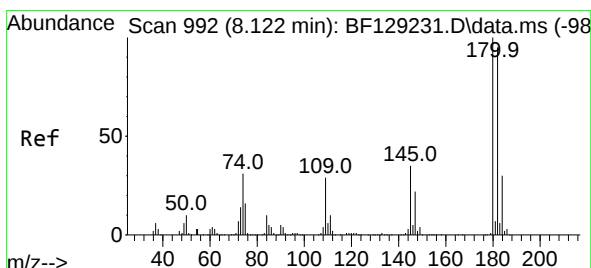
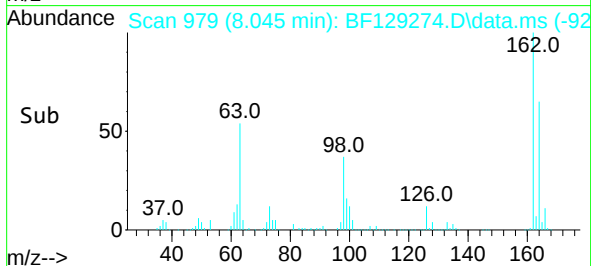
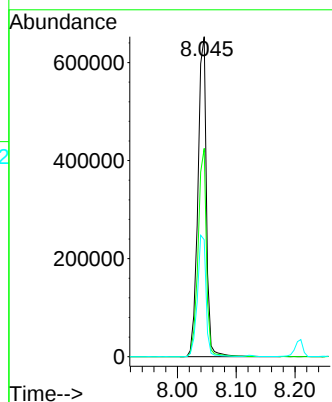


Tgt Ion:162 Resp: 65284
Ion Ratio Lower Upper
162 100
164 65.1 44.2 84.2
98 36.6 19.6 59.6

Manual Integrations
APPROVED

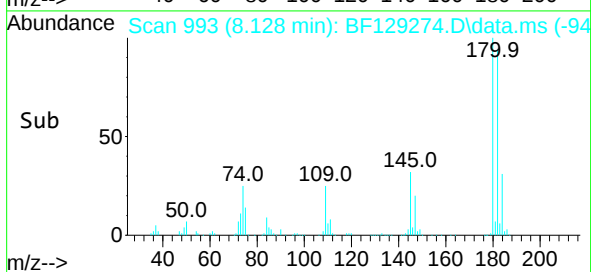
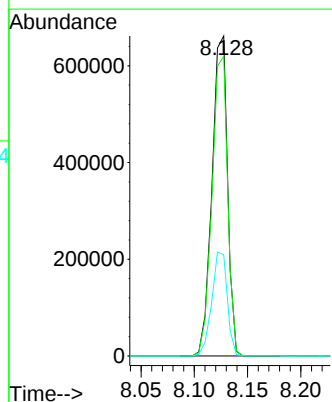
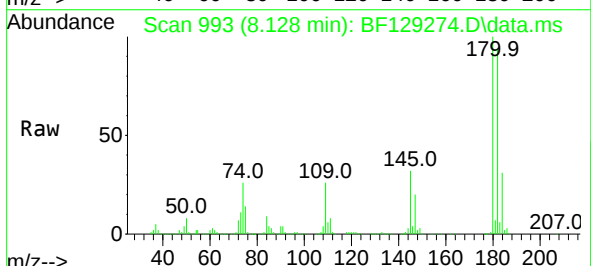
Reviewed By :Christian
Giraldo
07/19/2022

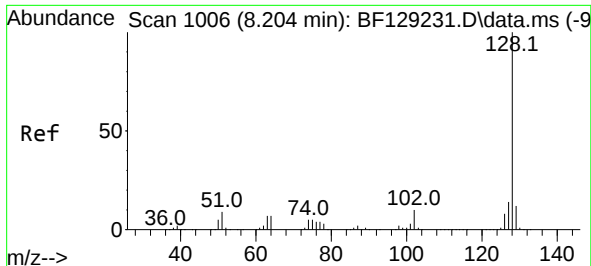
Supervised By :Jagrut
Upadhyay
07/19/2022



#30
1,2,4-Trichlorobenzene
Concen: 49.614 ng
RT: 8.128 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

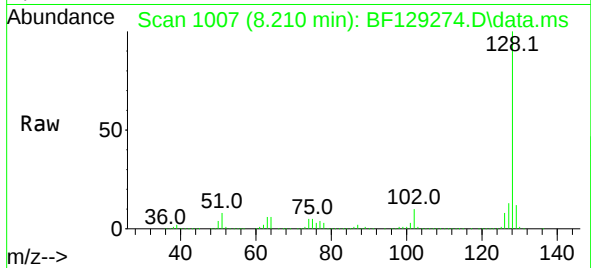
Tgt Ion:180 Resp: 668732
Ion Ratio Lower Upper
180 100
182 93.6 79.2 118.8
145 31.7 26.2 39.2





#31
Naphthalene
Concen: 49.925 ng
RT: 8.210 min Scan# 1006
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

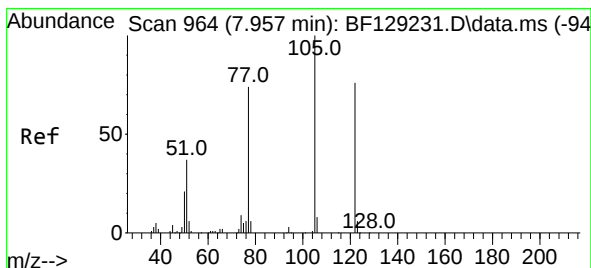
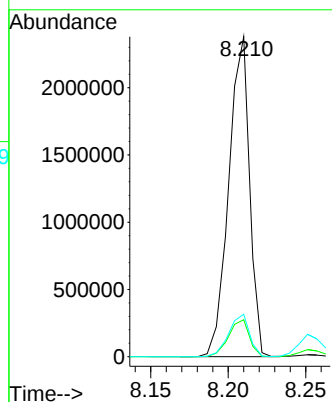


Tgt Ion:128 Resp: 2223472
Ion Ratio Lower Upper
128 100
129 11.5 9.2 13.8
127 13.2 10.5 15.7

Manual Integrations
APPROVED

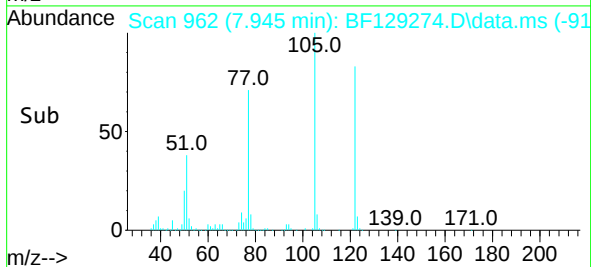
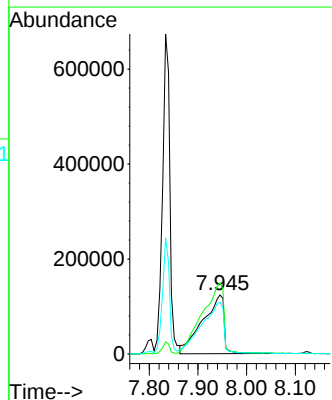
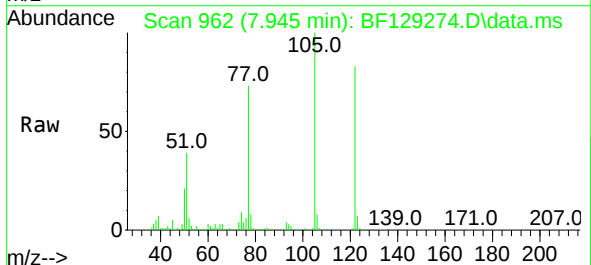
Reviewed By :Christian
Giraldo
07/19/2022

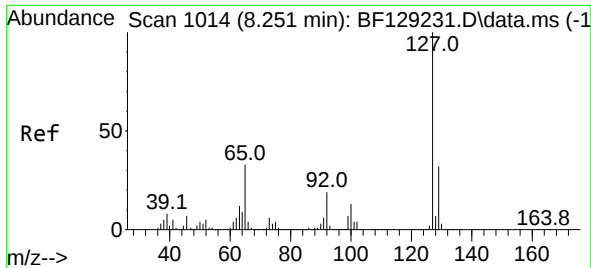
Supervised By :Jagrut
Upadhyay
07/19/2022



#32
Benzoic acid
Concen: 37.659 ng
RT: 7.945 min Scan# 962
Delta R.T. -0.012 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

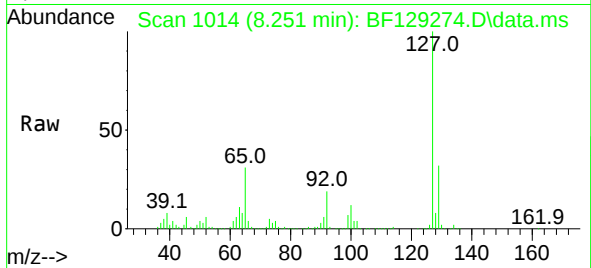
Tgt Ion:122 Resp: 382162
Ion Ratio Lower Upper
122 100
105 121.0 107.1 147.1
77 88.0 74.2 114.2





#33
4-Chloroaniline
Concen: 12.454 ng
RT: 8.251 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

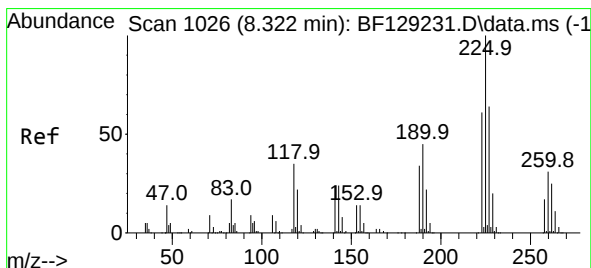
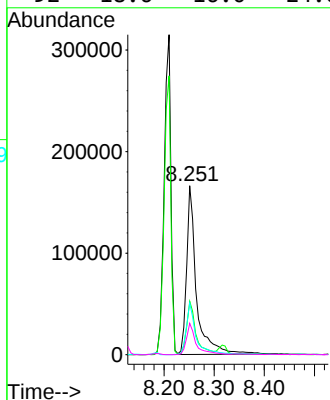
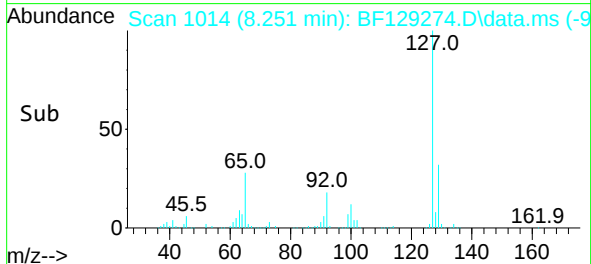


Tgt Ion:127 Resp: 230012
Ion Ratio Lower Upper
127 100
129 31.7 26.4 39.6
65 30.6 26.4 39.6
92 18.6 16.0 24.0

Manual Integrations
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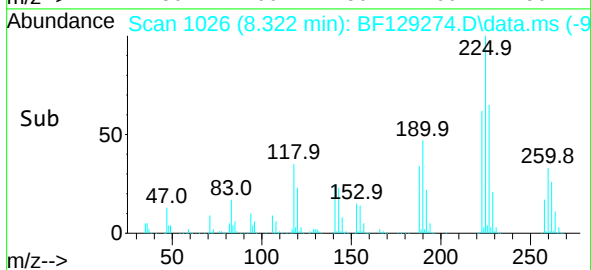
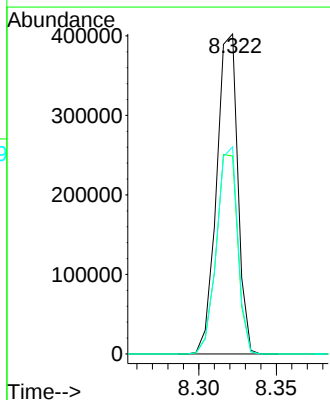
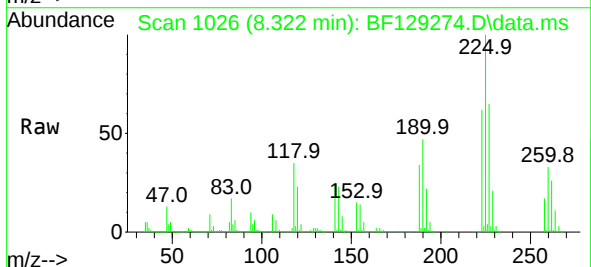
Reviewed By :Christian
Giraldo
07/19/2022

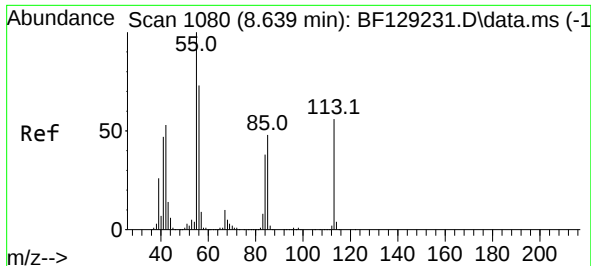
Supervised By :Jagrut
Upadhyay
07/19/2022



#34
Hexachlorobutadiene
Concen: 50.439 ng
RT: 8.322 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

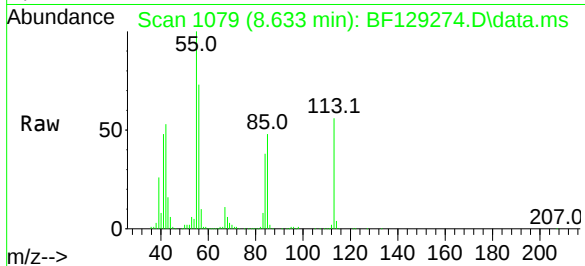
Tgt Ion:225 Resp: 382474
Ion Ratio Lower Upper
225 100
223 61.9 51.0 76.6
227 64.7 51.1 76.7





#35
 Caprolactam
 Concen: 37.240 ng/ml
 RT: 8.633 min Scan# 1079
 Delta R.T. -0.006 min
 Lab File: BF129274.D
 Acq: 18 Jul 2022 18:39

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

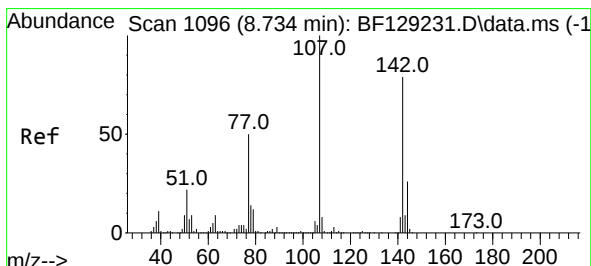
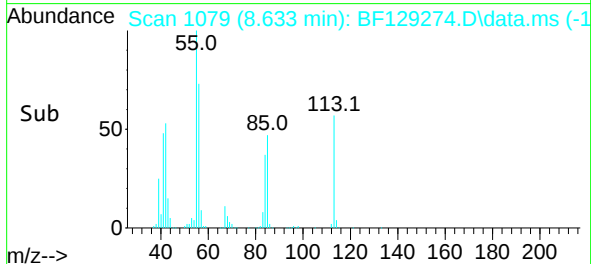
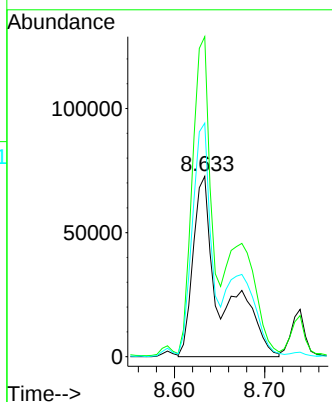


Tgt Ion:113 Resp: 160690
 Ion Ratio Lower Upper
 113 100
 55 177.5 188.5 228.5
 56 129.6 130.6 170.6

Manual Integrations
 APPROVED

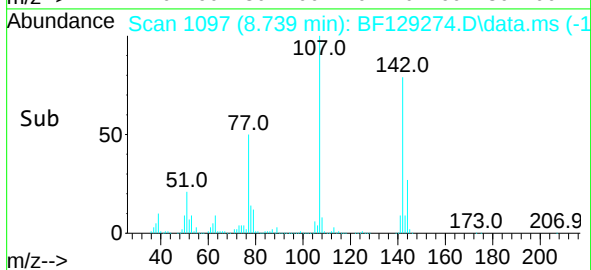
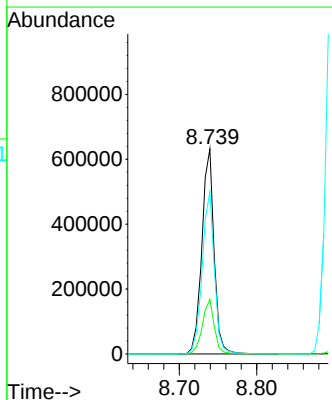
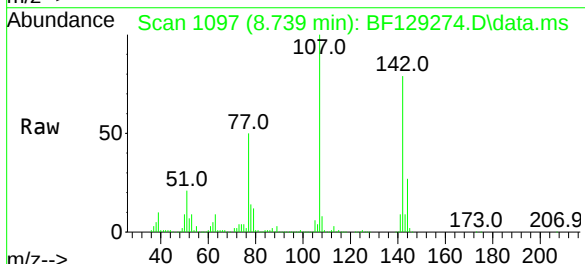
Reviewed By :Christian
 Giraldo
 07/19/2022

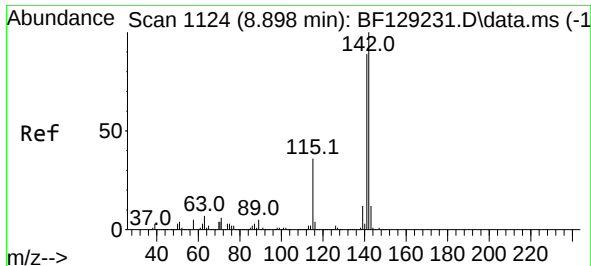
Supervised By :Jagrut
 Upadhyay
 07/19/2022



#36
 4-Chloro-3-methylphenol
 Concen: 48.829 ng/ml
 RT: 8.739 min Scan# 1097
 Delta R.T. 0.006 min
 Lab File: BF129274.D
 Acq: 18 Jul 2022 18:39

Tgt Ion:107 Resp: 691918
 Ion Ratio Lower Upper
 107 100
 144 26.6 19.5 29.3
 142 79.1 58.2 87.4





#37

2-Methylnaphthalene

Concen: 50.757 ng

RT: 8.898 min Scan# 1124

Delta R.T. -0.000 min

Lab File: BF129274.D

Acq: 18 Jul 2022 18:39

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:142 Resp: 1473359

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.4

Manual Integrations

APPROVED

Reviewed By :Christian

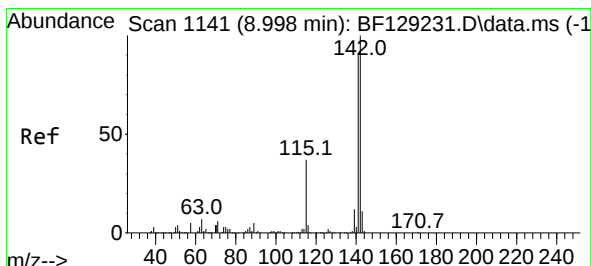
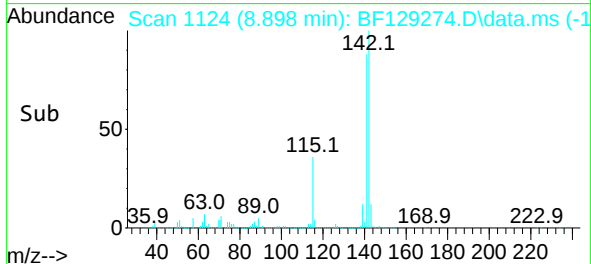
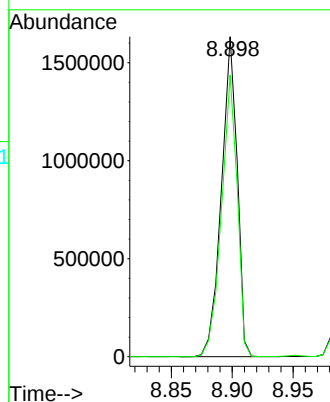
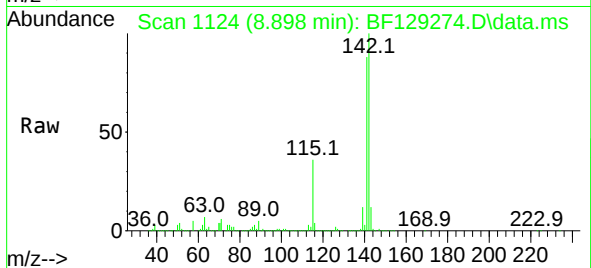
Giraldo

07/19/2022

Supervised By :Jagrut

Upadhyay

07/19/2022



#38

1-Methylnaphthalene

Concen: 49.791 ng

RT: 8.998 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF129274.D

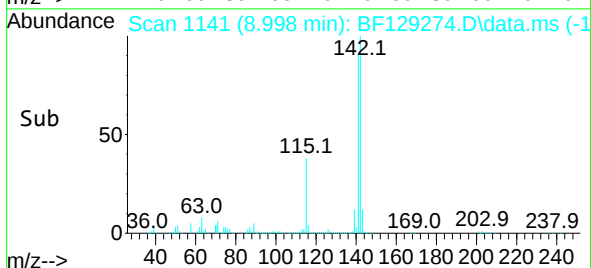
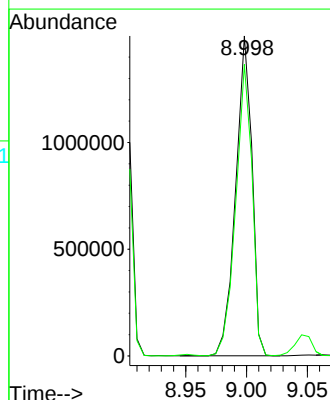
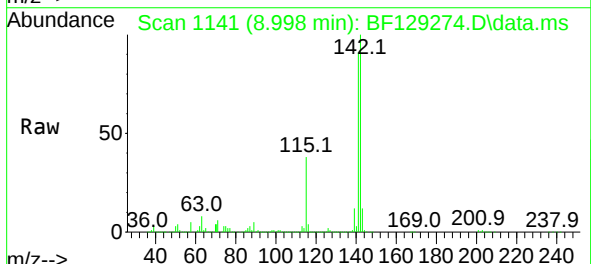
Acq: 18 Jul 2022 18:39

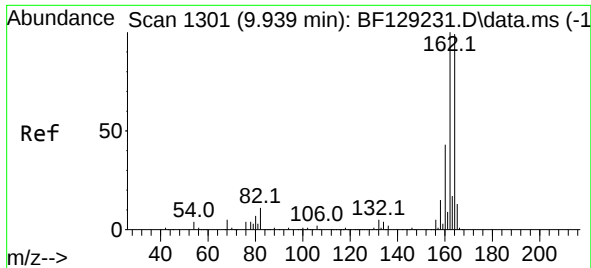
Tgt Ion:142 Resp: 1397771

Ion Ratio Lower Upper

142 100

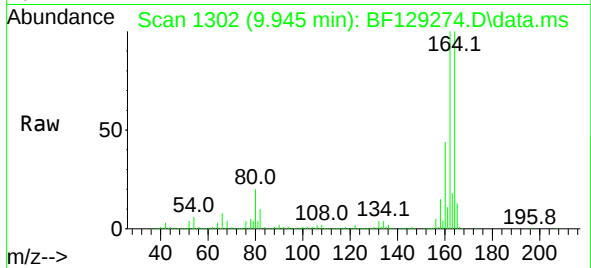
141 91.1 74.2 111.4





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.945 min Scan# 1130
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

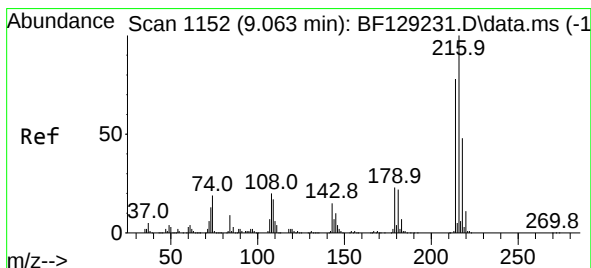
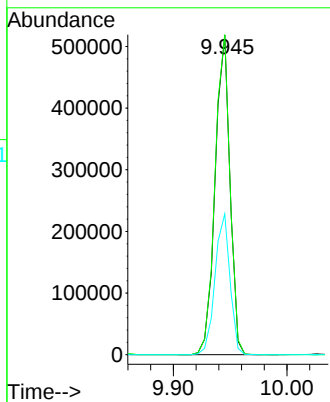
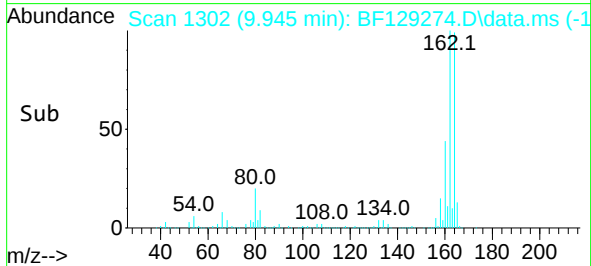


Tgt Ion:164 Resp: 47018
Ion Ratio Lower Upper
164 100
162 100.1 79.5 119.3
160 44.0 34.2 51.4

Manual Integrations
APPROVED

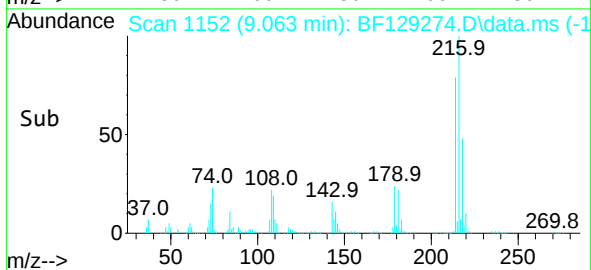
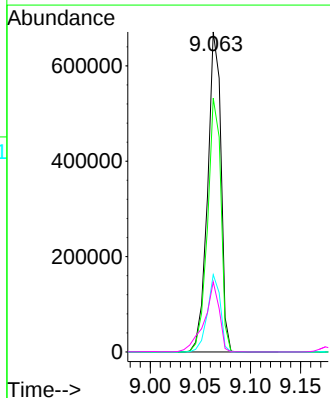
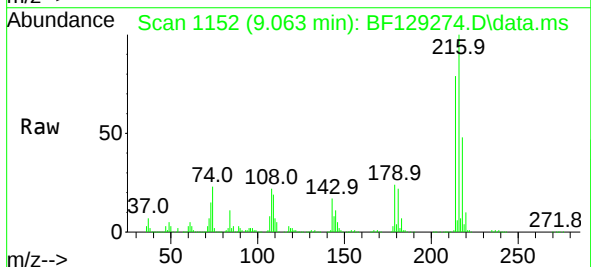
Reviewed By :Christian
Giraldo
07/19/2022

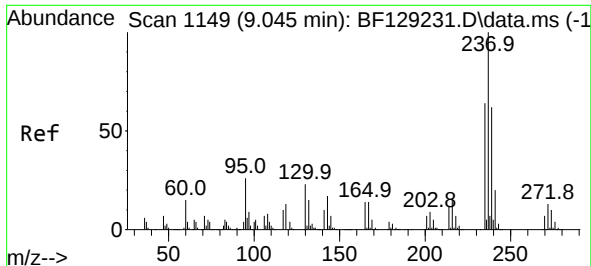
Supervised By :Jagrut
Upadhyay
07/19/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.307 ng
RT: 9.063 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

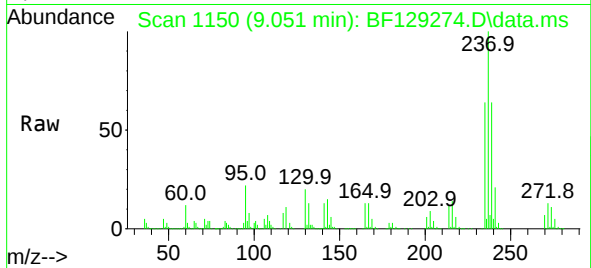
Tgt Ion:216 Resp: 623156
Ion Ratio Lower Upper
216 100
214 79.4 63.6 95.4
179 23.3 17.0 25.6
108 24.4 16.0 24.0#





#41
Hexachlorocyclopentadiene
Concen: 114.718 ng
RT: 9.051 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

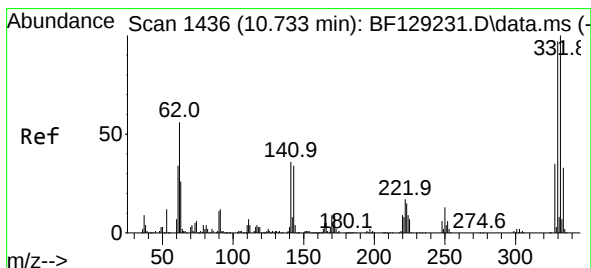
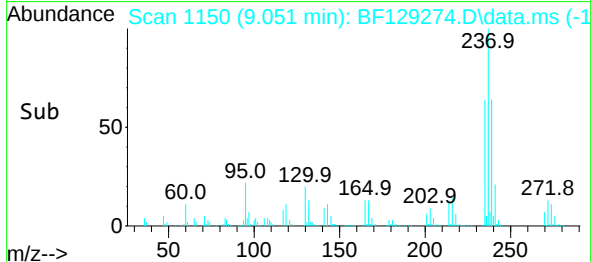
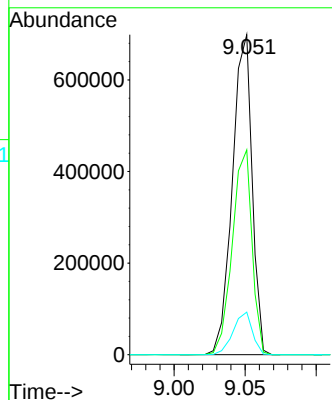


Tgt Ion:237 Resp: 674840
Ion Ratio Lower Upper
237 100
235 64.0 43.2 83.2
272 13.3 0.0 31.9

Manual Integrations
APPROVED

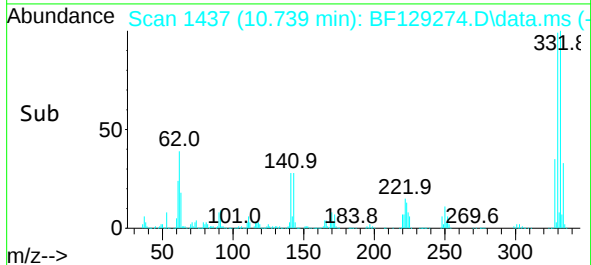
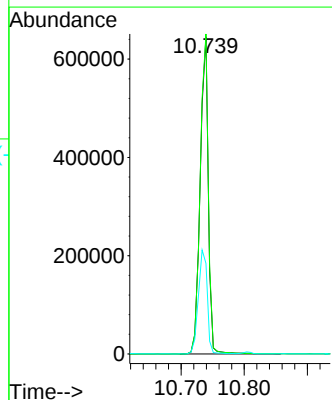
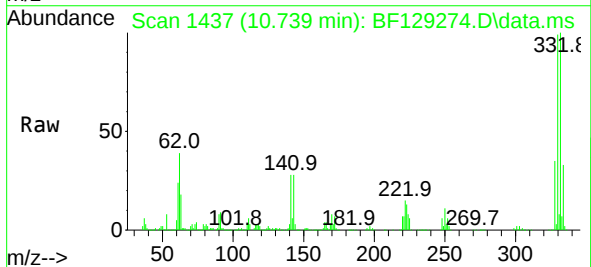
Reviewed By :Christian
Giraldo
07/19/2022

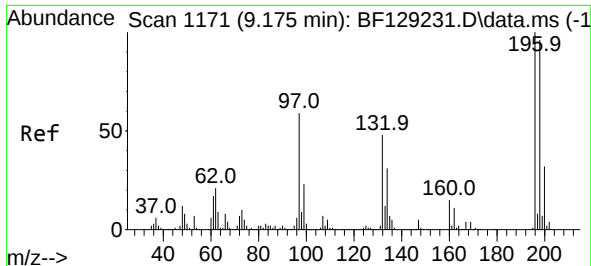
Supervised By :Jagrut
Upadhyay
07/19/2022



#42
2,4,6-Tribromophenol
Concen: 131.196 ng
RT: 10.739 min Scan# 1437
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

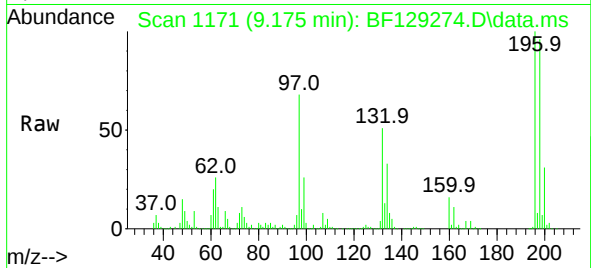
Tgt Ion:330 Resp: 572553
Ion Ratio Lower Upper
330 100
332 101.5 76.8 115.2
141 36.1 28.0 42.0





#43
2,4,6-Trichlorophenol
Concen: 51.269 ng
RT: 9.175 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

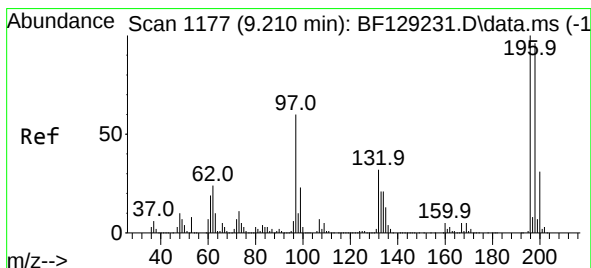
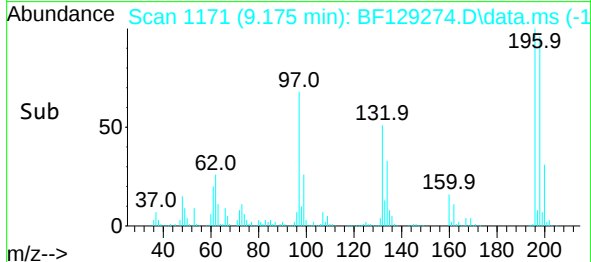
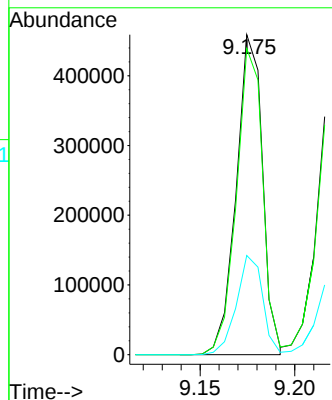


Tgt Ion:196 Resp: 44132
Ion Ratio Lower Upper
196 100
198 95.7 74.0 111.0
200 31.0 24.1 36.1

Manual Integrations
APPROVED

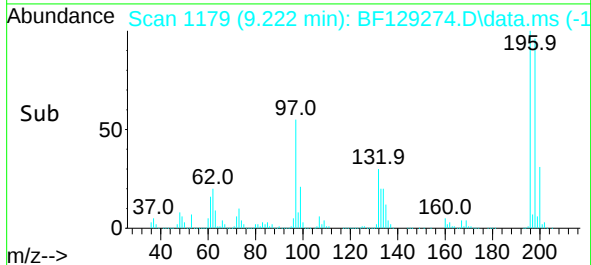
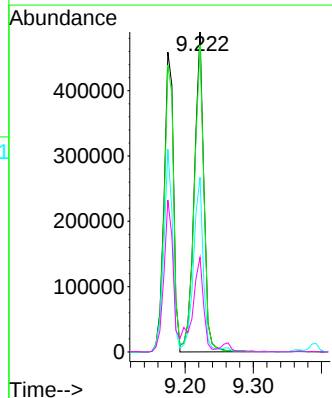
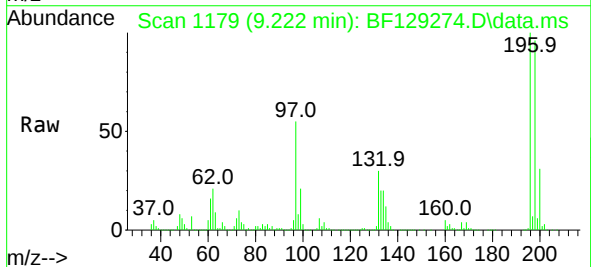
Reviewed By :Christian
Giraldo
07/19/2022

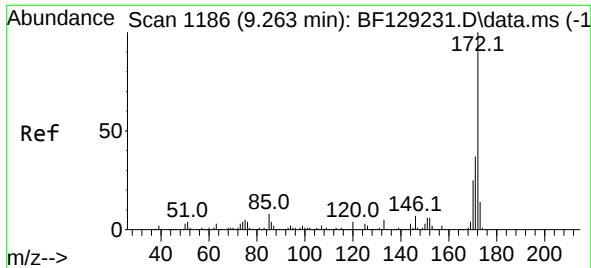
Supervised By :Jagrut
Upadhyay
07/19/2022



#44
2,4,5-Trichlorophenol
Concen: 52.523 ng
RT: 9.222 min Scan# 1179
Delta R.T. 0.012 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

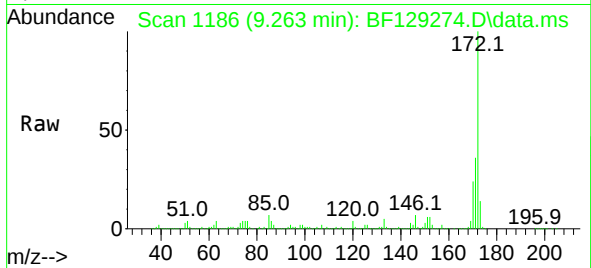
Tgt Ion:196 Resp: 478236
Ion Ratio Lower Upper
196 100
198 95.9 75.7 113.5
97 54.5 36.4 54.6
132 29.6 20.7 31.1





#45
2-Fluorobiphenyl
Concen: 92.991 ng
RT: 9.263 min Scan# 1186
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

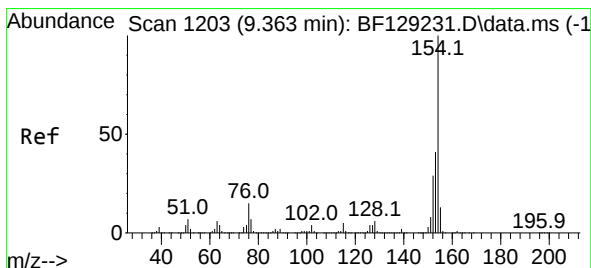
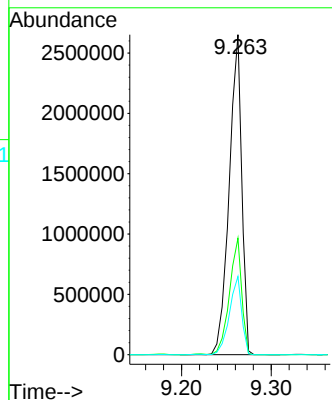


Tgt Ion:172 Resp: 2580728
Ion Ratio Lower Upper
172 100
171 36.4 28.8 43.2
170 24.4 19.8 29.8

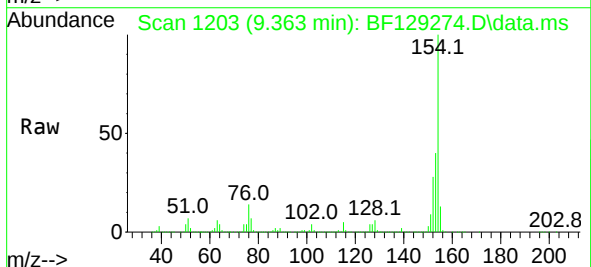
Manual Integrations
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07/19/2022

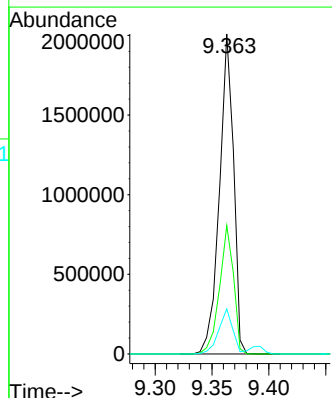
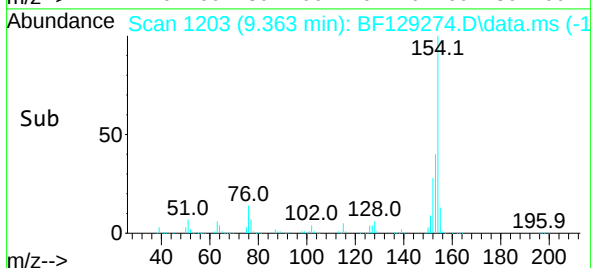
Supervised By :Jagrut
Upadhyay
07/19/2022

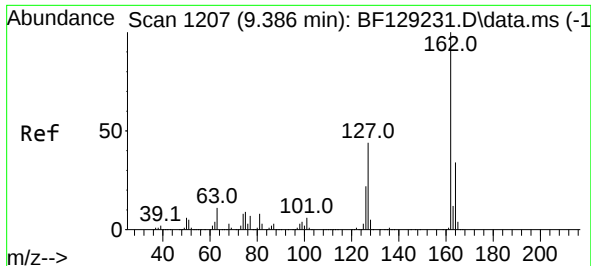


#46
1,1'-Biphenyl
Concen: 52.379 ng
RT: 9.363 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39



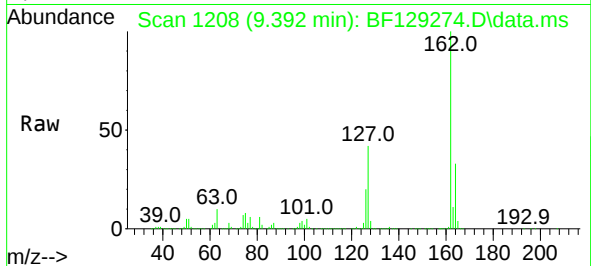
Tgt Ion:154 Resp: 1741904
Ion Ratio Lower Upper
154 100
153 40.1 20.6 60.6
76 14.1 0.0 33.3





#47
2-Chloronaphthalene
Concen: 52.154 ng
RT: 9.392 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

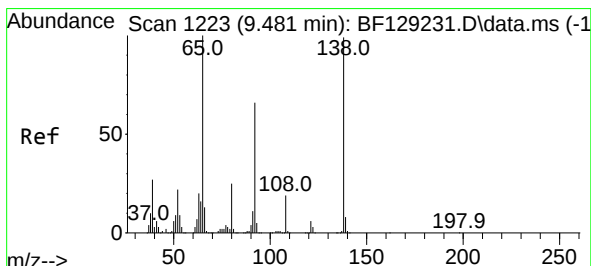
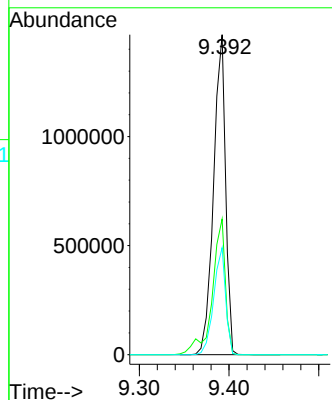


Tgt Ion:162 Resp: 1366124
Ion Ratio Lower Upper
162 100
127 42.4 34.5 51.7
164 33.4 26.5 39.7

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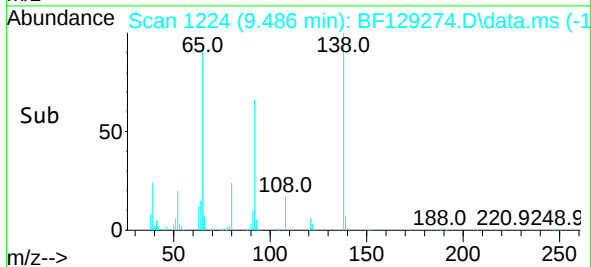
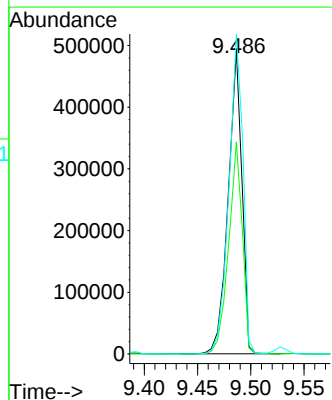
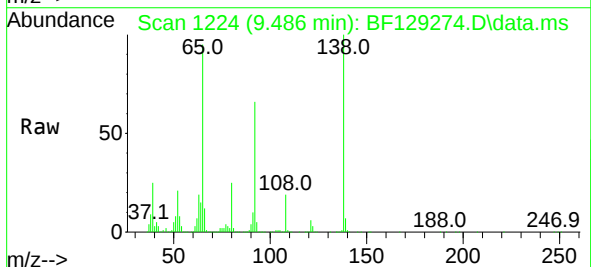
Reviewed By :Christian
Giraldo
07/19/2022

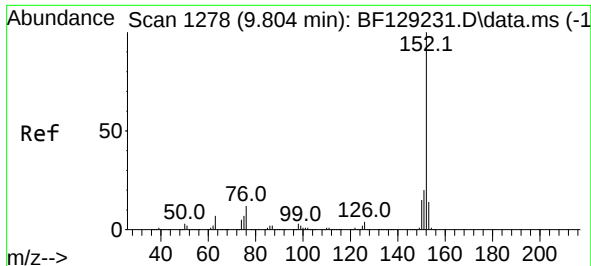
Supervised By :Jagrut
Upadhyay
07/19/2022



#48
2-Nitroaniline
Concen: 50.164 ng
RT: 9.486 min Scan# 1224
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

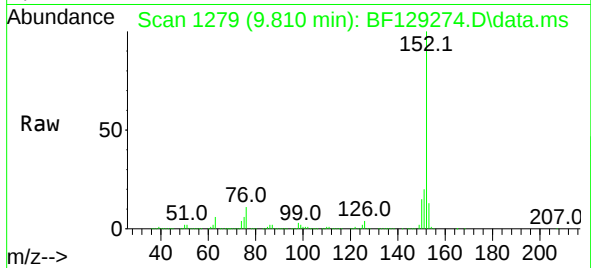
Tgt Ion: 65 Resp: 441463
Ion Ratio Lower Upper
65 100
92 69.8 51.9 77.9
138 105.4 76.4 114.6





#49
Acenaphthylene
Concen: 52.242 ng
RT: 9.810 min Scan# 1278
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

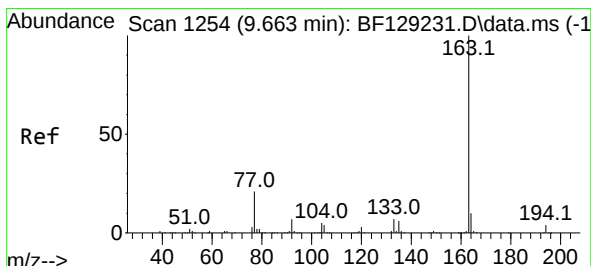
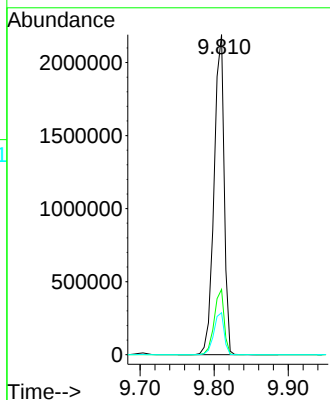
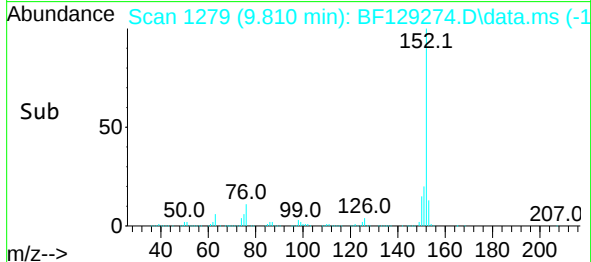


Tgt Ion:152 Resp: 205964
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.1 10.7 16.1

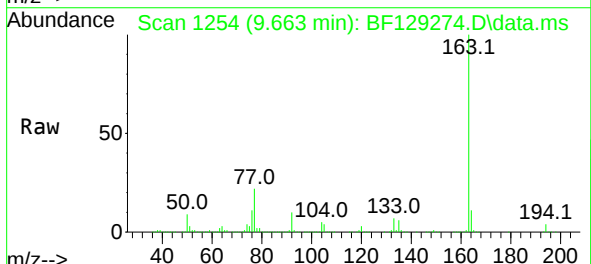
Manual Integrations
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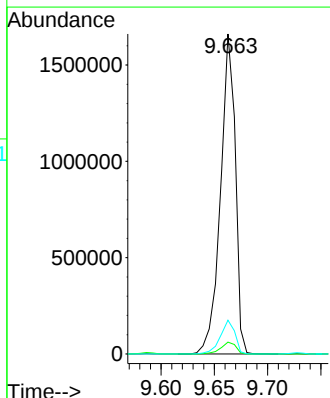
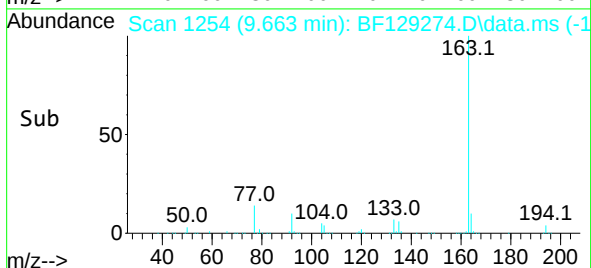
Supervised By :Jagrut
Upadhyay
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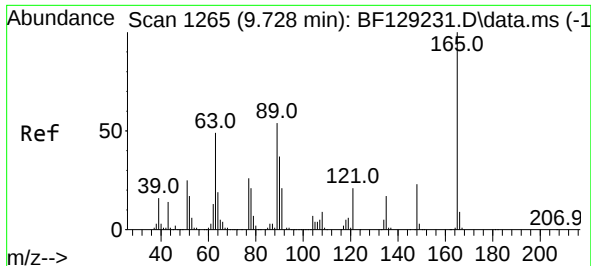


#50
Dimethylphthalate
Concen: 52.475 ng
RT: 9.663 min Scan# 1254
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39



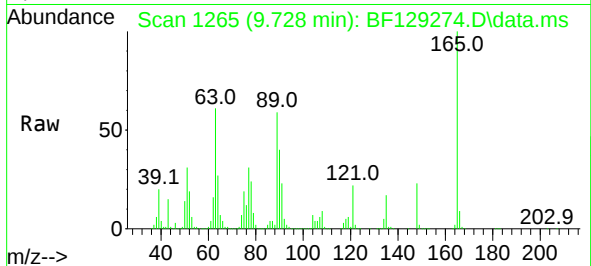
Tgt Ion:163 Resp: 1601106
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.5 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 54.395 ng
RT: 9.728 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

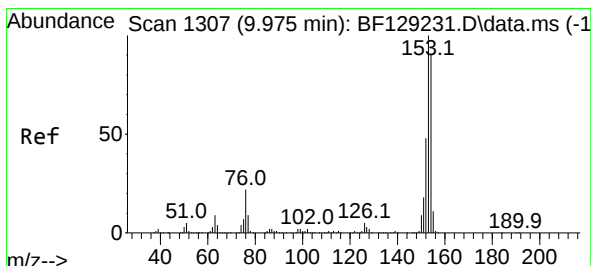
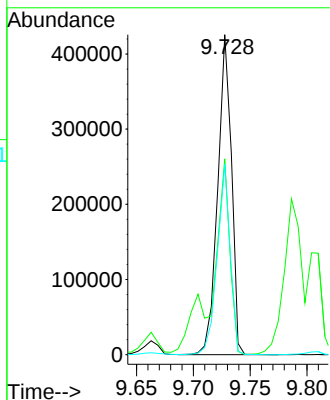
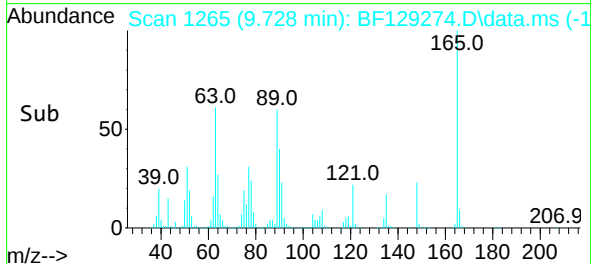


Tgt Ion:165 Resp: 359130
Ion Ratio Lower Upper
165 100
63 61.2 44.9 67.3
89 59.5 43.6 65.4

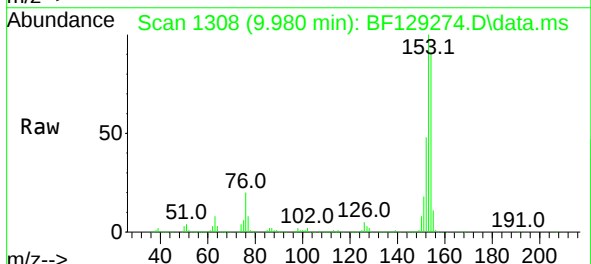
Manual Integrations
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Reviewed By :Christian
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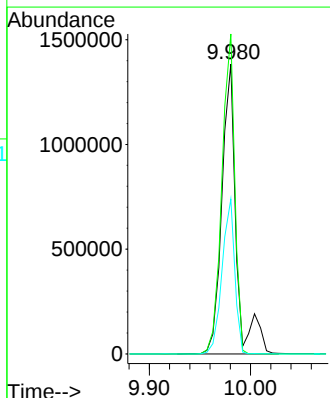
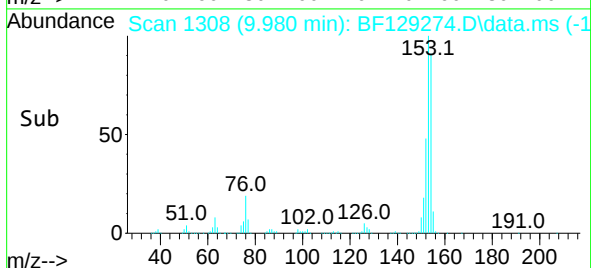
Supervised By :Jagrut
Upadhyay
07/19/2022

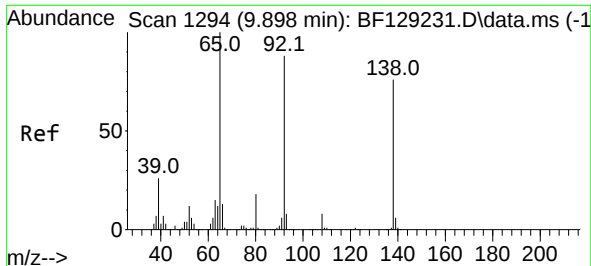


#52
Acenaphthene
Concen: 53.330 ng m
RT: 9.980 min Scan# 1308
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39



Tgt Ion:154 Resp: 1374348
Ion Ratio Lower Upper
154 100
153 110.4 89.6 134.4
152 53.5 42.4 63.6





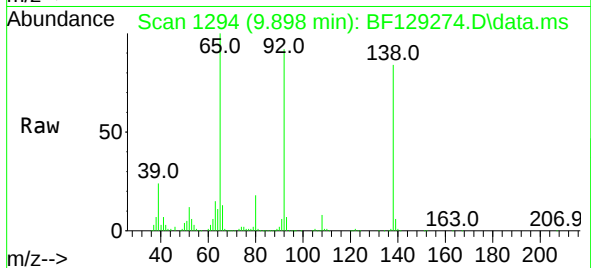
#53
3-Nitroaniline
Concen: 29.436 ng
RT: 9.898 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :

BNA_F

ClientSampleId :

TP-1MSD



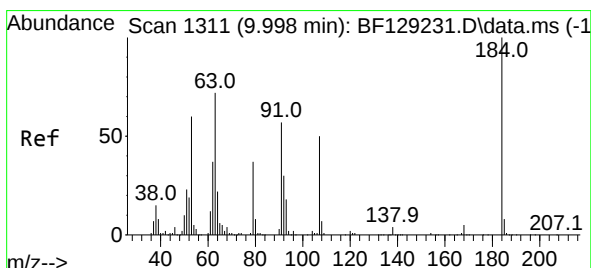
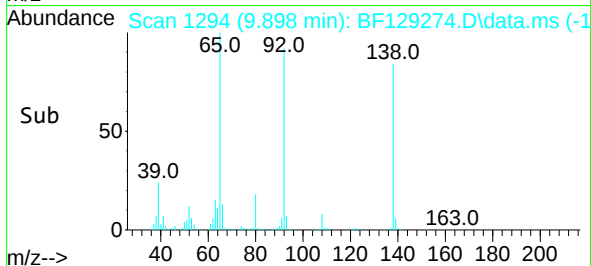
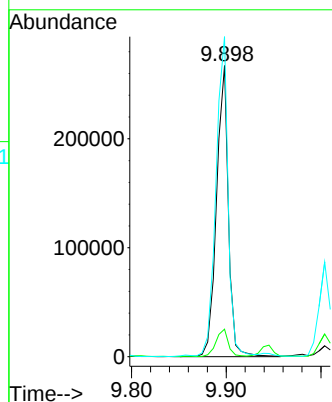
Tgt Ion:138 Resp: 232074
Ion Ratio Lower Upper
138 100
108 9.5 10.9 16.3
92 110.0 98.2 147.2

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Reviewed By :Christian
Giraldo

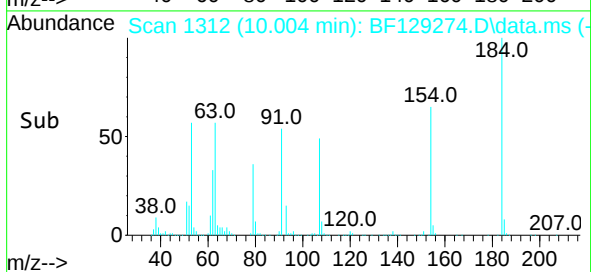
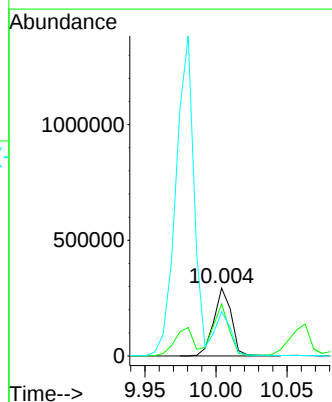
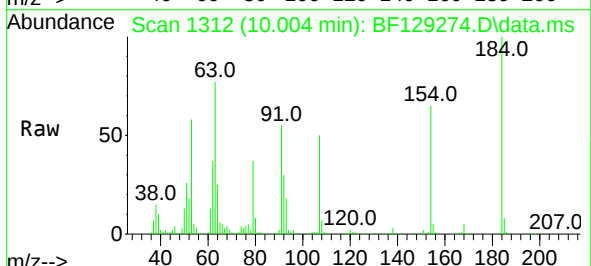
07/19/2022

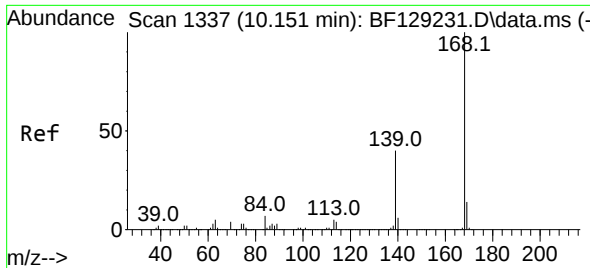
Supervised By :Jagrut
Upadhyay
07/19/2022



#54
2,4-Dinitrophenol
Concen: 71.519 ng
RT: 10.004 min Scan# 1312
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

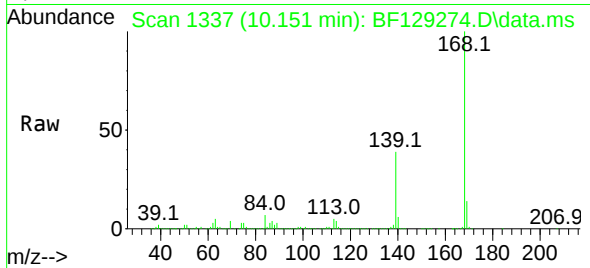
Tgt Ion:184 Resp: 253074
Ion Ratio Lower Upper
184 100
63 76.6 64.5 96.7
154 65.3 50.6 75.8





#55
Dibenzofuran
Concen: 50.520 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

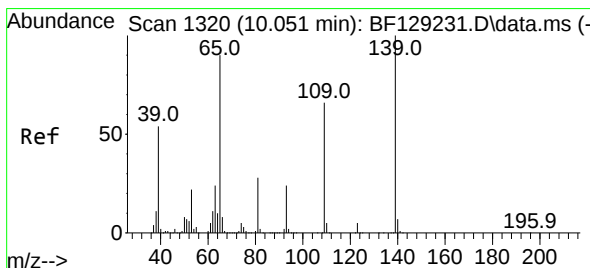
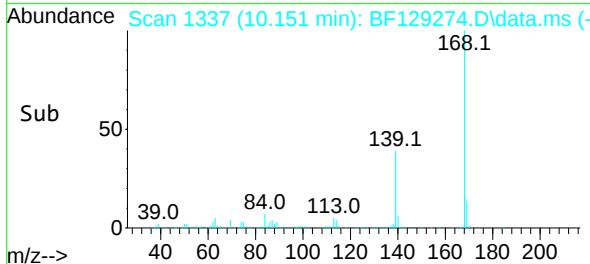
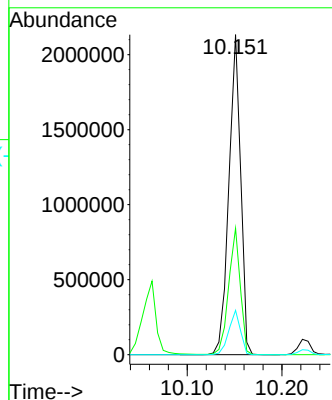


Tgt Ion:168 Resp: 184819
Ion Ratio Lower Upper
168 100
139 39.5 30.6 46.0
169 13.8 11.0 16.6

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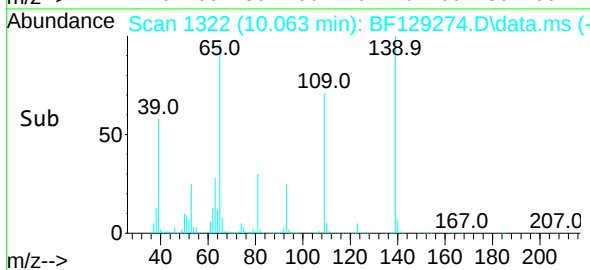
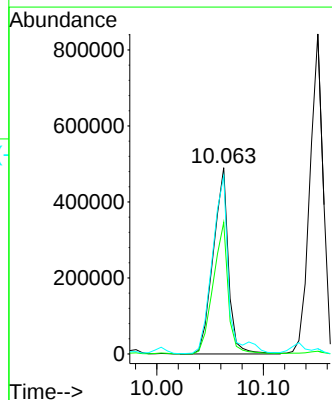
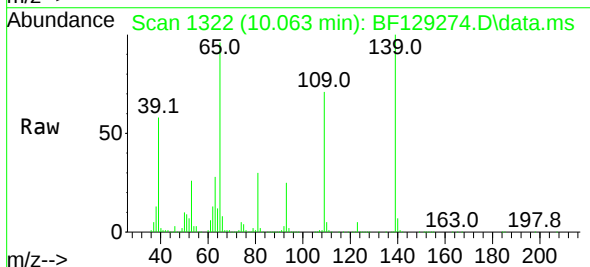
Reviewed By :Christian
Giraldo
07/19/2022

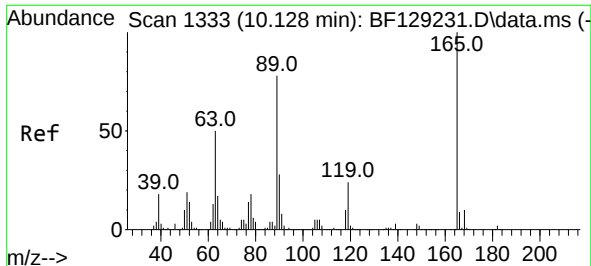
Supervised By :Jagrut
Upadhyay
07/19/2022



#56
4-Nitrophenol
Concen: 77.855 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.012 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

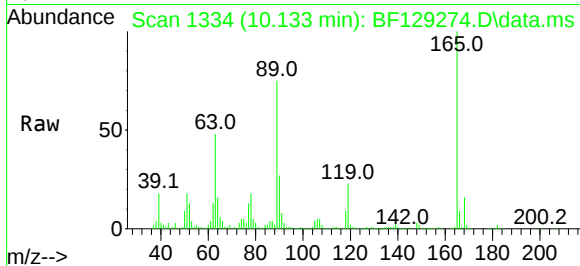
Tgt Ion:139 Resp: 485829
Ion Ratio Lower Upper
139 100
109 70.6 50.7 90.7
65 95.7 74.5 114.5





#57
2,4-Dinitrotoluene
Concen: 51.619 ng
RT: 10.133 min Scan# 1333
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

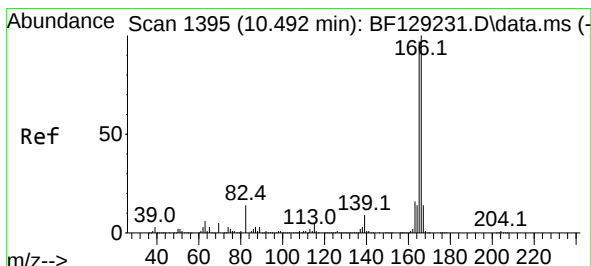
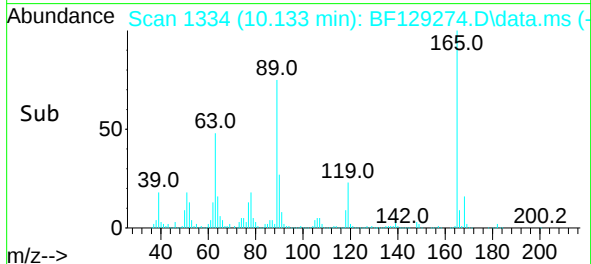
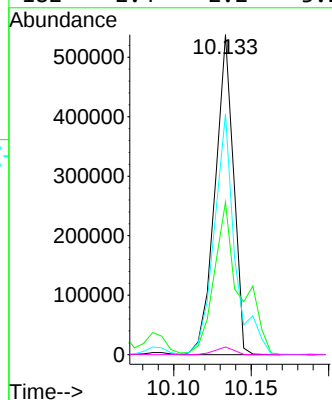


Tgt Ion:165 Resp: 446900
Ion Ratio Lower Upper
165 100
63 47.7 39.8 59.6
89 75.2 60.2 90.2
182 2.4 2.2 3.2

Manual Integrations
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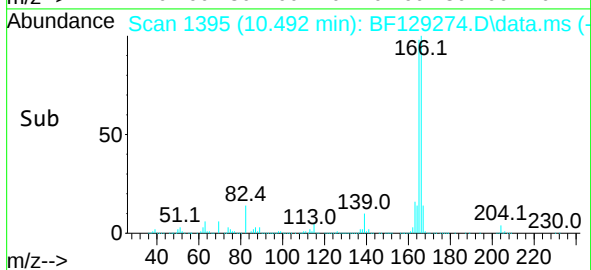
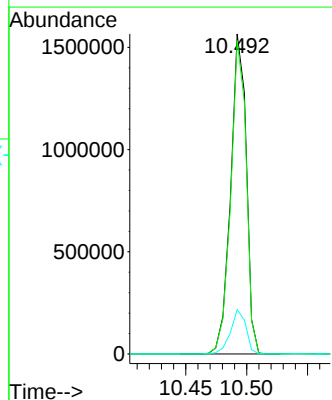
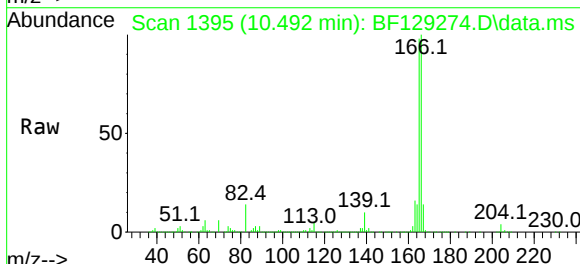
Reviewed By :Christian
Giraldo
07/19/2022

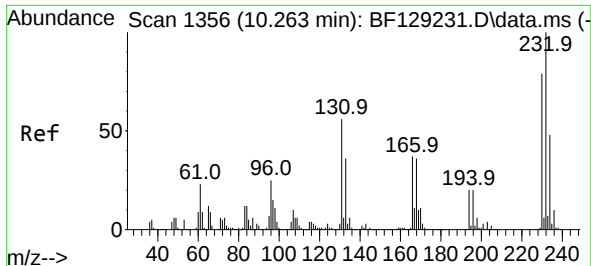
Supervised By :Jagrut
Upadhyay
07/19/2022



#58
Fluorene
Concen: 50.317 ng
RT: 10.492 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

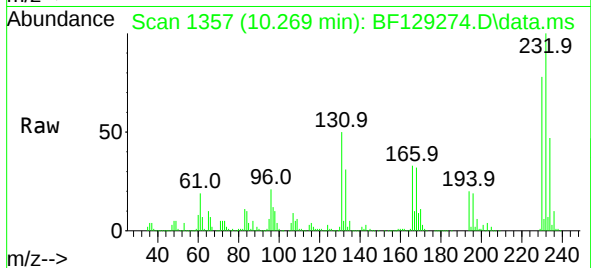
Tgt Ion:166 Resp: 1400056
Ion Ratio Lower Upper
166 100
165 97.9 78.1 117.1
167 13.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.041 ng
RT: 10.269 min Scan# 1356
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

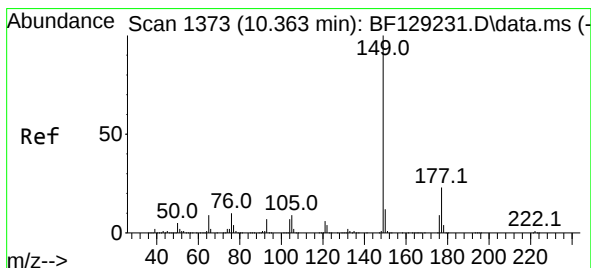
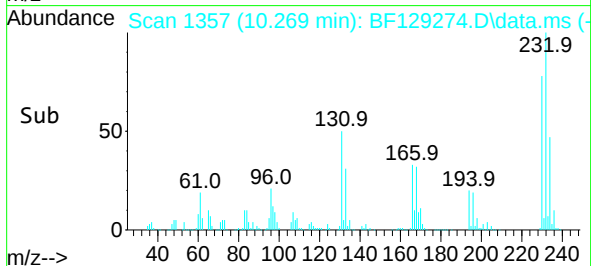
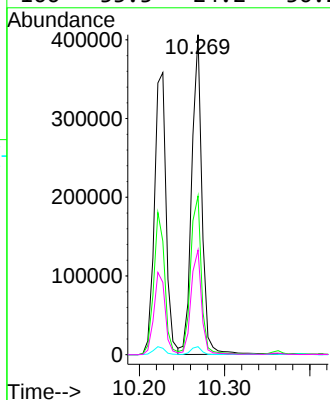


Tgt Ion:232 Resp: 337910
Ion Ratio Lower Upper
232 100
131 51.7 36.1 54.1
130 2.5 1.8 2.8
166 33.3 24.2 36.2

Manual Integrations
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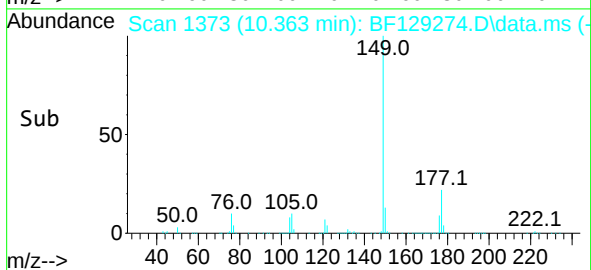
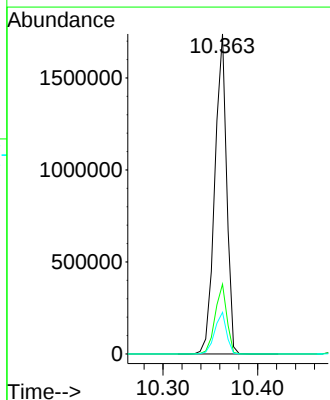
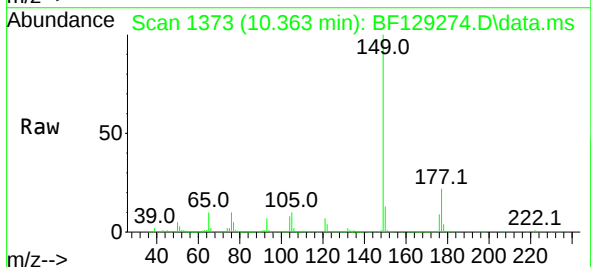
Reviewed By :Christian
Giraldo
07/19/2022

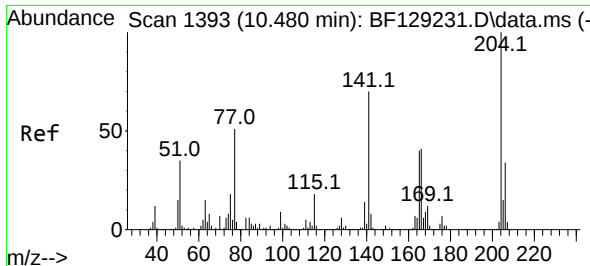
Supervised By :Jagrut
Upadhyay
07/19/2022



#60
Diethylphthalate
Concen: 51.043 ng
RT: 10.363 min Scan# 1373
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

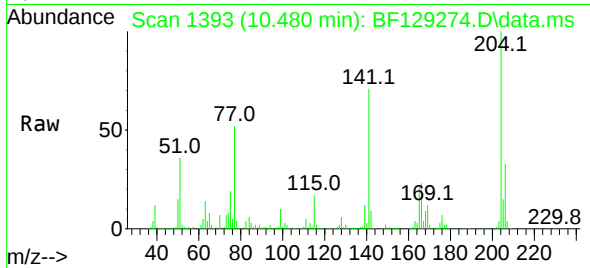
Tgt Ion:149 Resp: 1506091
Ion Ratio Lower Upper
149 100
177 21.8 17.3 25.9
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 50.170 ng
RT: 10.480 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

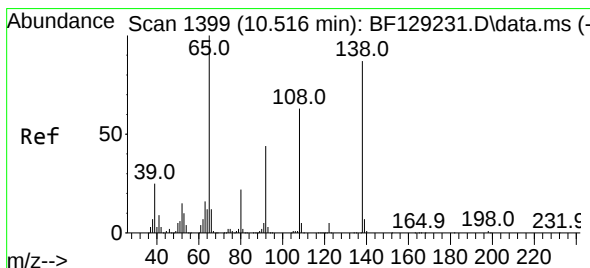
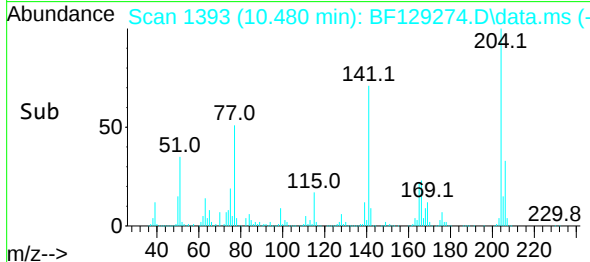
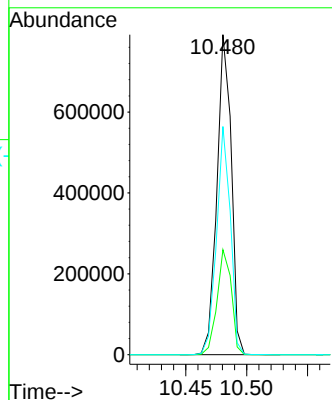
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:204 Resp: 64666
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 71.3 47.0 70.4

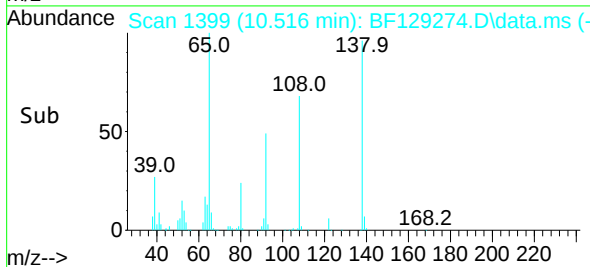
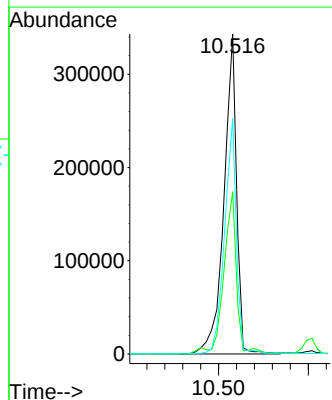
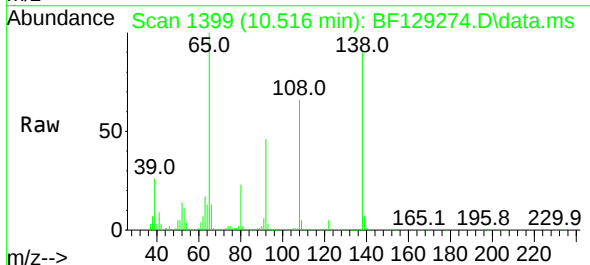
Manual Integrations
APPROVED

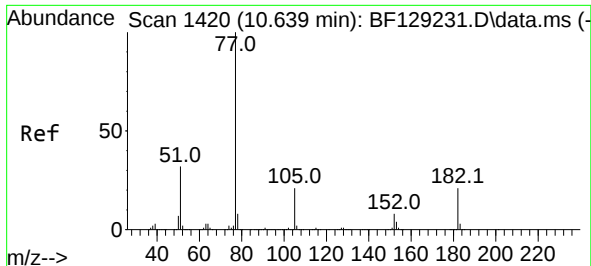
Reviewed By :Christian
Giraldo
07/19/2022
Supervised By :Jagrut
Upadhyay
07/19/2022



#62
4-Nitroaniline
Concen: 43.065 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

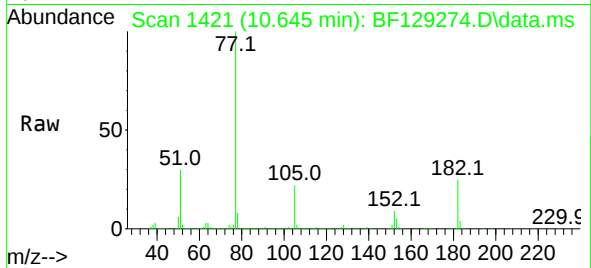
Tgt Ion:138 Resp: 336141
Ion Ratio Lower Upper
138 100
92 50.7 33.5 73.5
108 73.6 61.0 101.0





#63
Azobenzene
Concen: 48.548 ng
RT: 10.645 min Scan# 1420
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

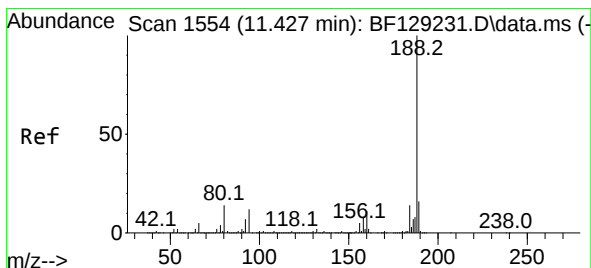
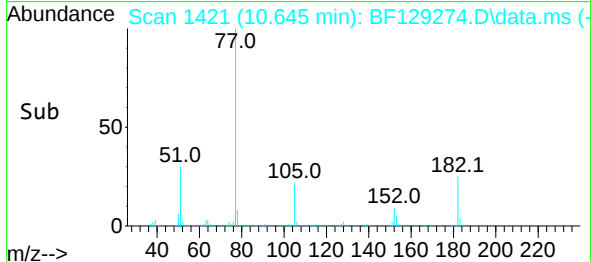
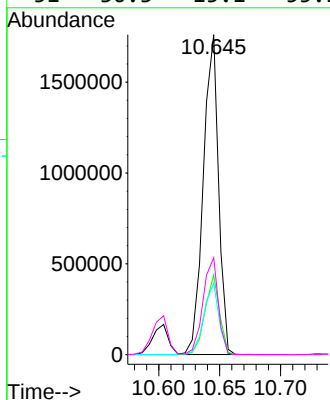


Tgt Ion: 77 Resp: 1529080
Ion Ratio Lower Upper
77 100
182 24.9 5.6 45.6
105 22.3 1.6 41.6
51 30.3 15.1 55.1

Manual Integrations
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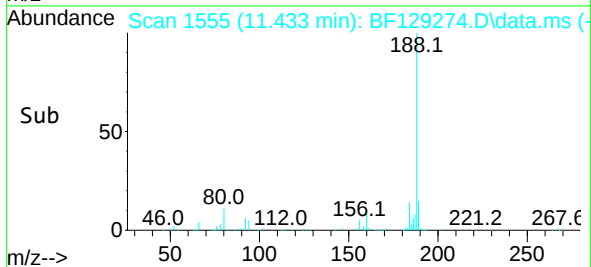
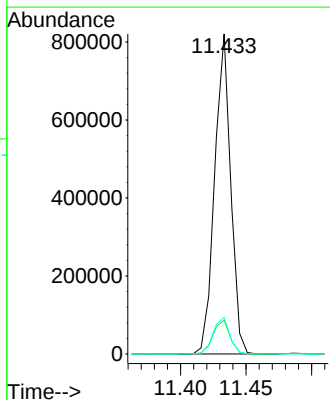
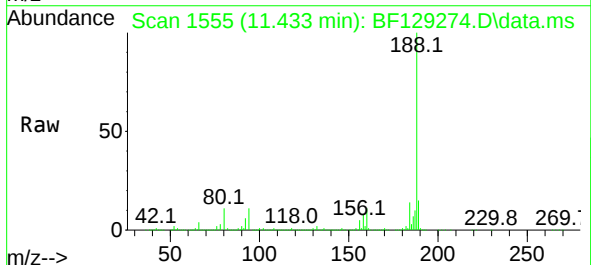
Reviewed By :Christian
Giraldo
07/19/2022

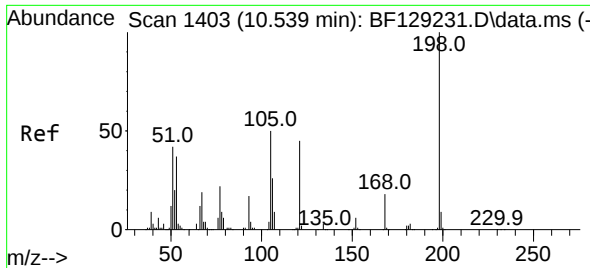
Supervised By :Jagrut
Upadhyay
07/19/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.433 min Scan# 1555
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Tgt Ion:188 Resp: 696373
Ion Ratio Lower Upper
188 100
94 10.5 7.0 10.6
80 11.4 7.6 11.4





#65
4,6-Dinitro-2-methylphenol
Concen: 41.921 ng
RT: 10.539 min Scan# 1403
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

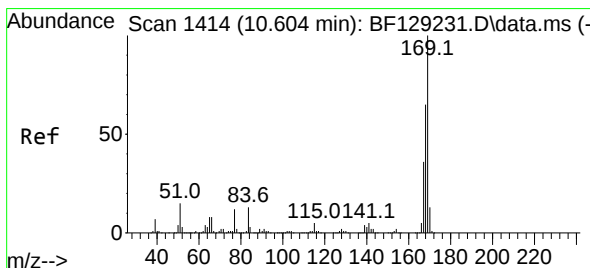
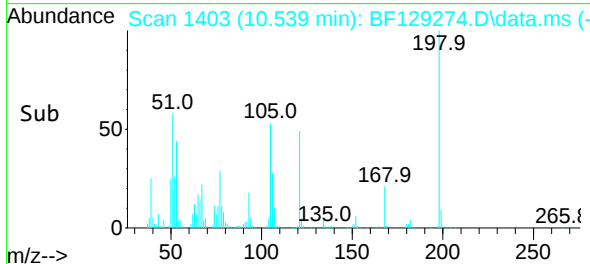
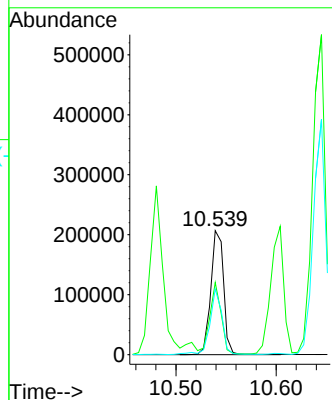
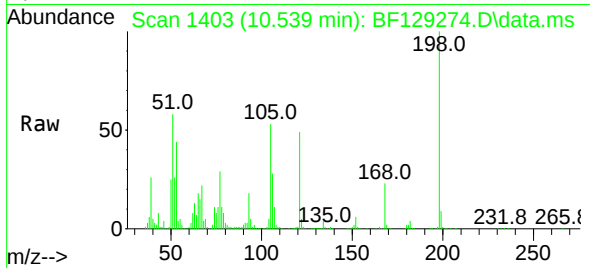
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:198 Resp: 184440
Ion Ratio Lower Upper
198 100
51 58.3 37.6 77.6
105 53.1 27.0 67.0

Manual Integrations
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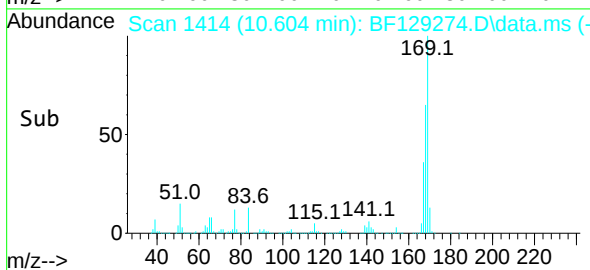
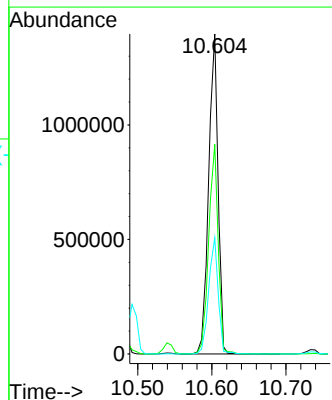
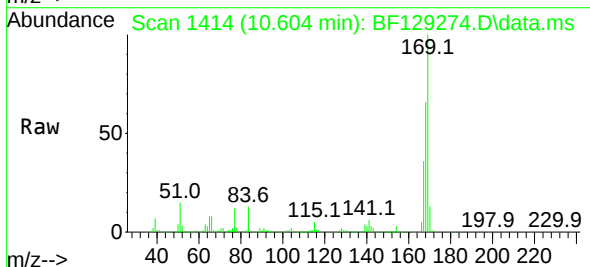
Reviewed By :Christian
Giraldo
07/19/2022

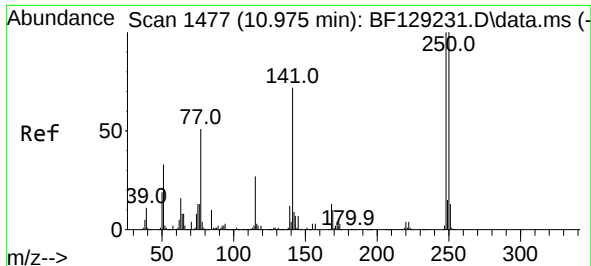
Supervised By :Jagrut
Upadhyay
07/19/2022



#66
n-Nitrosodiphenylamine
Concen: 55.719 ng
RT: 10.604 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Tgt Ion:169 Resp: 1237970
Ion Ratio Lower Upper
169 100
168 65.5 50.1 75.1
167 36.3 27.9 41.9





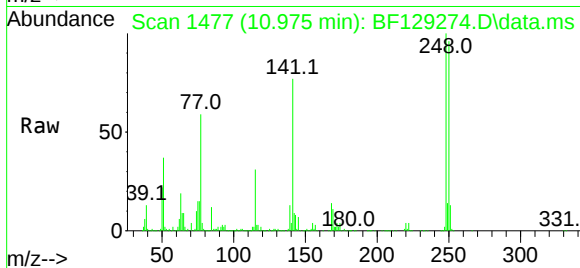
#67
4-Bromophenyl-phenylether
Concen: 55.802 ng
RT: 10.975 min Scan# 1477
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

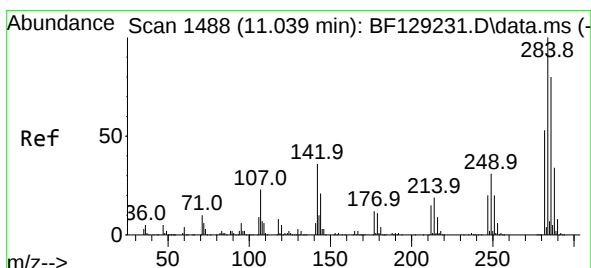
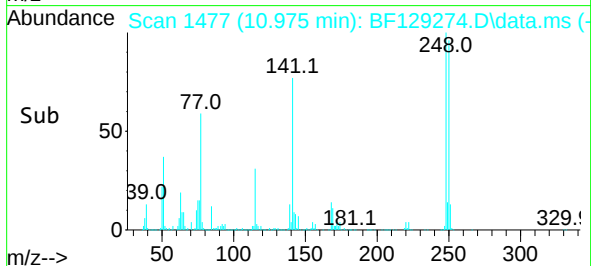
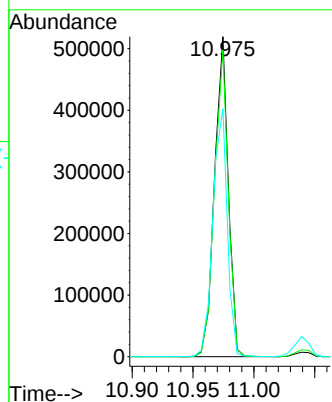


Tgt Ion:248 Resp: 409050
Ion Ratio Lower Upper
248 100
250 95.8 80.6 120.8
141 77.5 58.9 88.3

Manual Integrations
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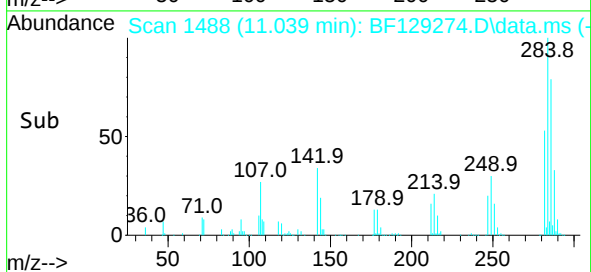
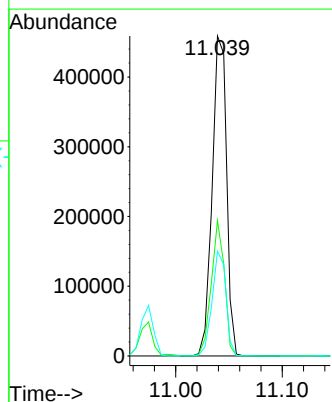
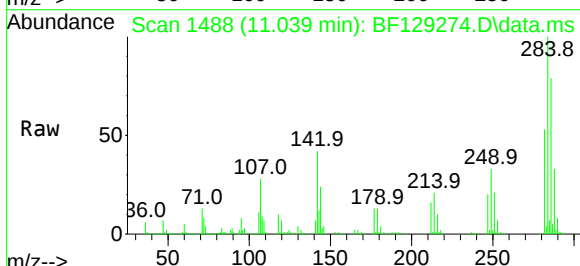
Reviewed By :Christian
Giraldo
07/19/2022

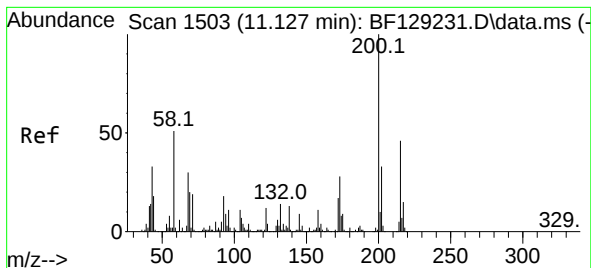
Supervised By :Jagrut
Upadhyay
07/19/2022



#68
Hexachlorobenzene
Concen: 56.034 ng
RT: 11.039 min Scan# 1488
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Tgt Ion:284 Resp: 431169
Ion Ratio Lower Upper
284 100
142 42.3 29.0 43.4
249 32.7 25.0 37.6





#69

Atrazine

Concen: 62.398 ng

RT: 11.127 min Scan# 1503

Delta R.T. -0.000 min

Lab File: BF129274.D

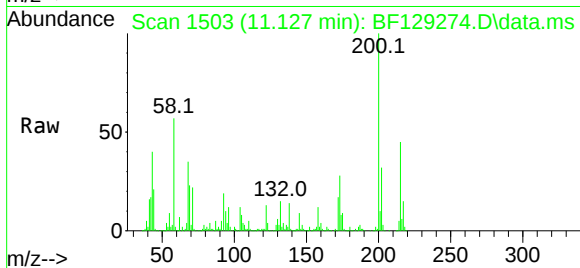
Acq: 18 Jul 2022 18:39

Instrument :

BNA_F

ClientSampleId :

TP-1MSD



Tgt Ion:200 Resp: 38434

Ion Ratio Lower Upper

200 100

173 27.7 6.3 46.3

215 45.1 28.3 68.3

Manual Integrations

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Reviewed By :Christian

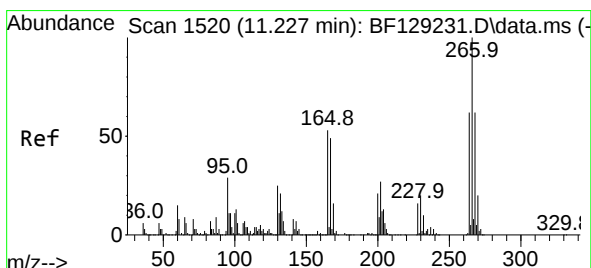
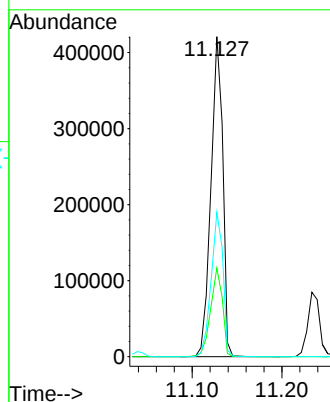
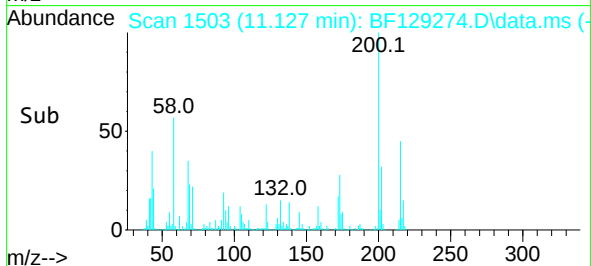
Giraldo

07/19/2022

Supervised By :Jagrut

Upadhyay

07/19/2022



#70

Pentachlorophenol

Concen: 87.251 ng

RT: 11.239 min Scan# 1522

Delta R.T. 0.012 min

Lab File: BF129274.D

Acq: 18 Jul 2022 18:39

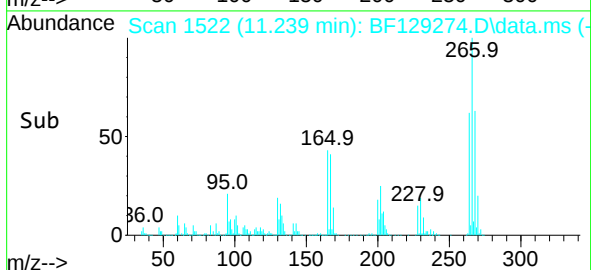
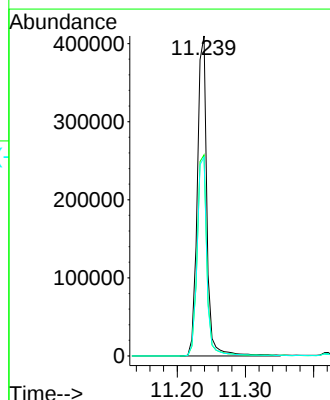
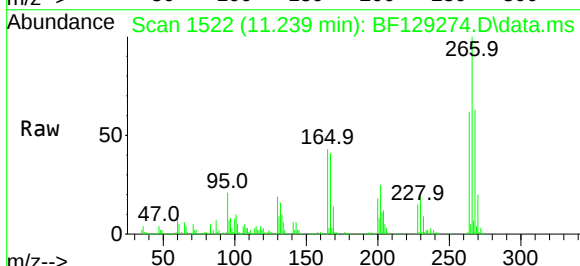
Tgt Ion:266 Resp: 399227

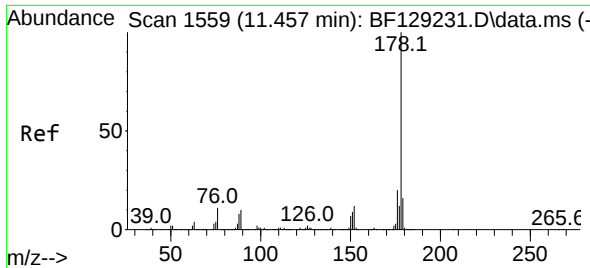
Ion Ratio Lower Upper

266 100

268 62.9 51.0 76.4

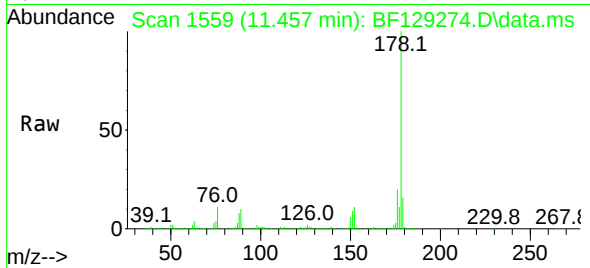
264 62.1 49.4 74.2





#71
Phenanthrene
Concen: 51.663 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

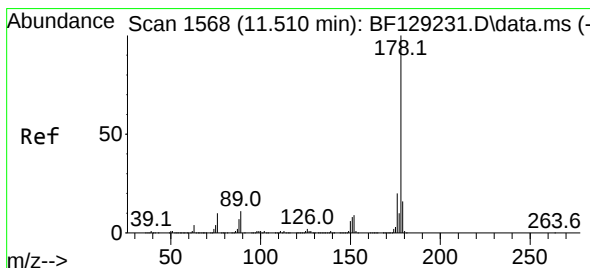
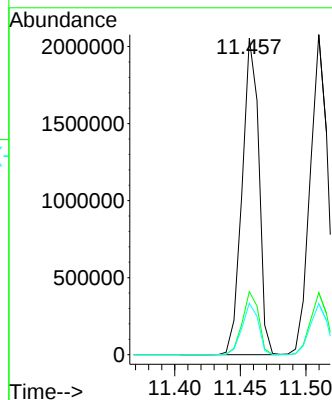
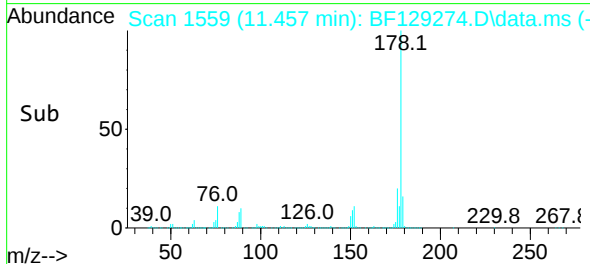
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:178 Resp: 1826560
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 16.2 12.6 19.0

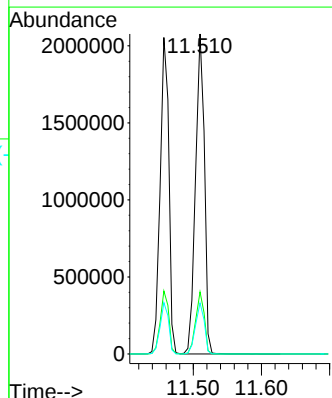
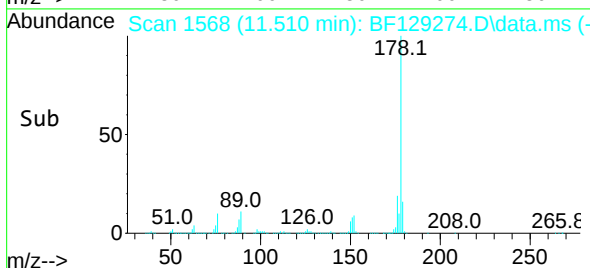
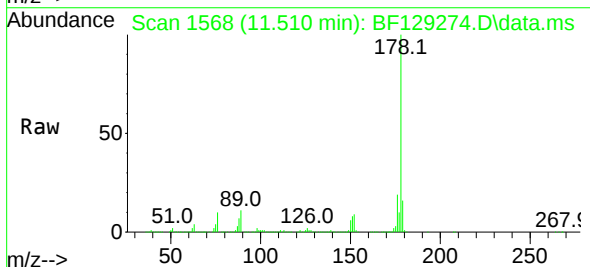
Manual Integrations
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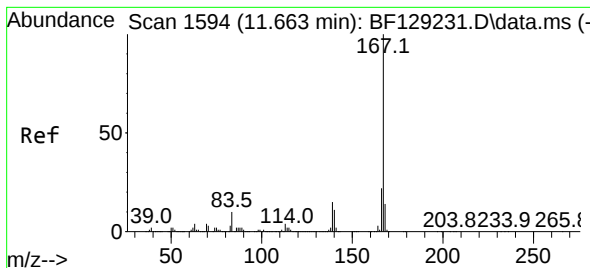
Reviewed By :Christian
Giraldo
07/19/2022
Supervised By :Jagrut
Upadhyay
07/19/2022



#72
Anthracene
Concen: 53.554 ng
RT: 11.510 min Scan# 1568
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

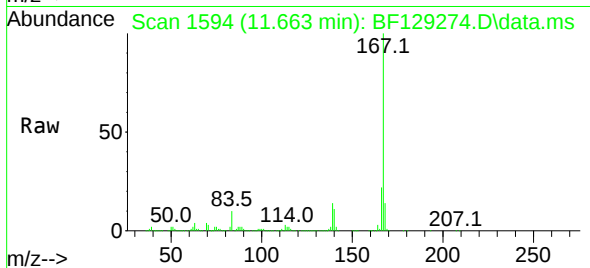
Tgt Ion:178 Resp: 1880846
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.0 12.6 19.0





#73
 Carbazole
 Concen: 47.313 ng
 RT: 11.663 min Scan# 1594
 Delta R.T. -0.000 min
 Lab File: BF129274.D
 Acq: 18 Jul 2022 18:39

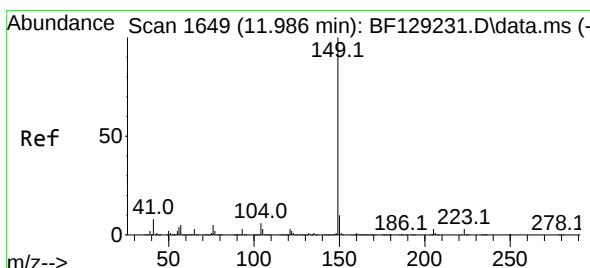
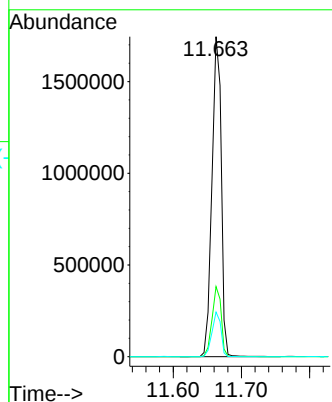
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD



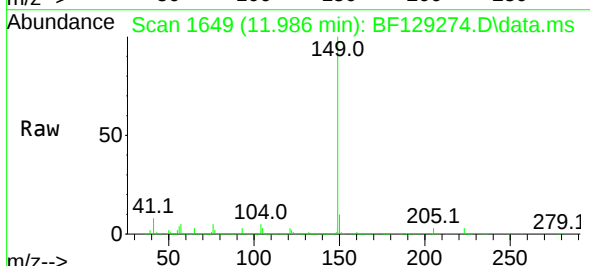
Tgt Ion:167 Resp: 165746
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.7 26.5
 139 14.0 11.2 16.8

Manual Integrations
 APPROVED

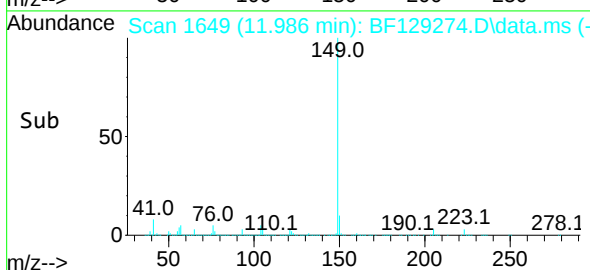
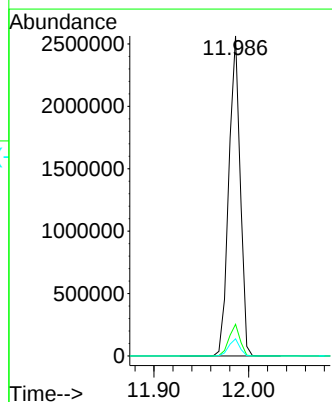
Reviewed By :Christian
 Giraldo
 07/19/2022
 Supervised By :Jagrut
 Upadhyay
 07/19/2022

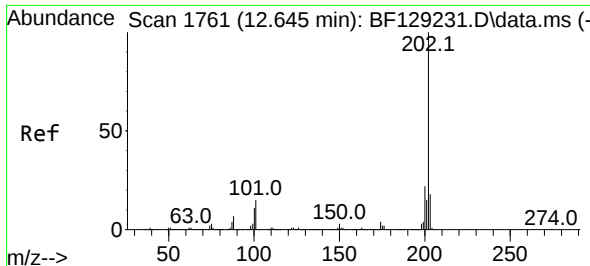


#74
 Di-n-butylphthalate
 Concen: 53.358 ng
 RT: 11.986 min Scan# 1649
 Delta R.T. -0.000 min
 Lab File: BF129274.D
 Acq: 18 Jul 2022 18:39



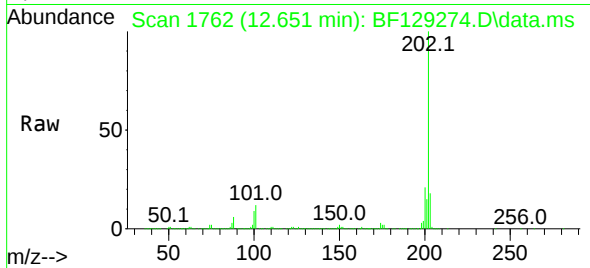
Tgt Ion:149 Resp: 2148112
 Ion Ratio Lower Upper
 149 100
 150 9.9 7.5 11.3
 104 5.4 4.4 6.6





#75
Fluoranthene
Concen: 45.842 ng
RT: 12.651 min Scan# 1761
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

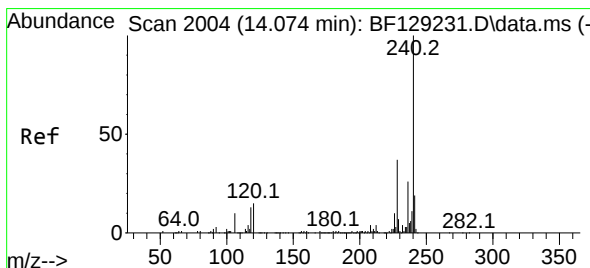
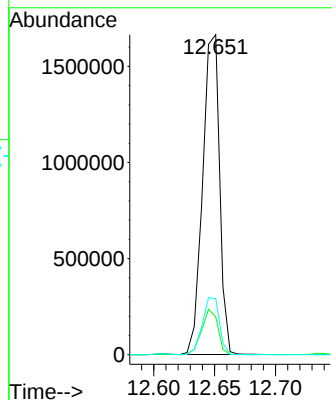


Tgt Ion:202 Resp: 161418
Ion Ratio Lower Upper
202 100
101 11.8 0.0 31.4
203 17.5 0.0 38.0

Manual Integrations
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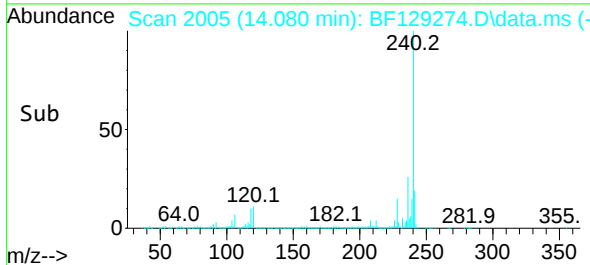
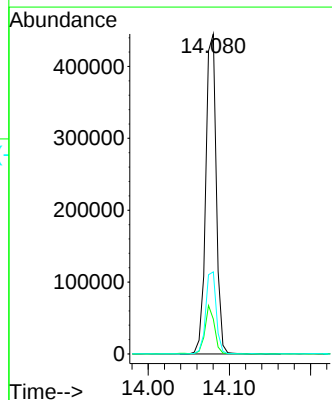
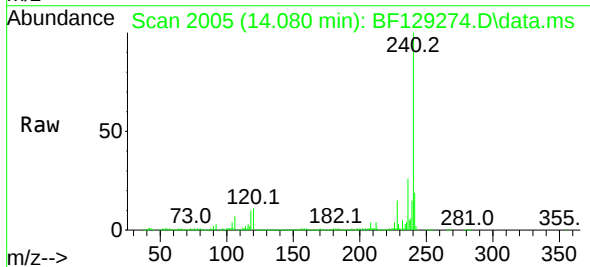
Reviewed By :Christian
Giraldo
07/19/2022

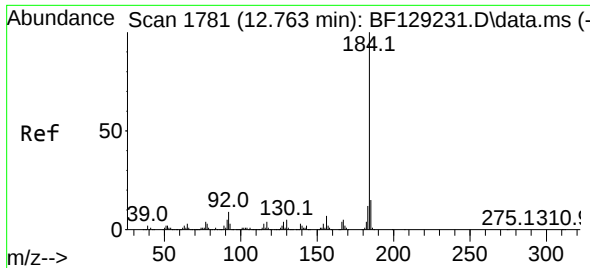
Supervised By :Jagrut
Upadhyay
07/19/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.080 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

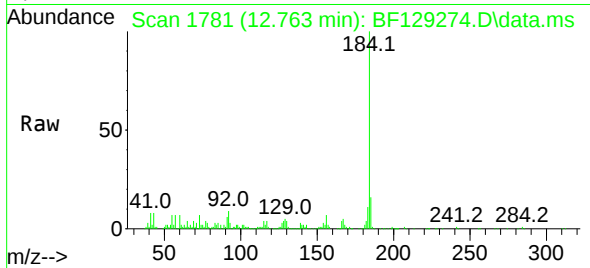
Tgt Ion:240 Resp: 399381
Ion Ratio Lower Upper
240 100
120 10.9 8.9 13.3
236 25.7 20.8 31.2





#77
Benzidine
Concen: 11.951 ng
RT: 12.763 min Scan# 1781
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

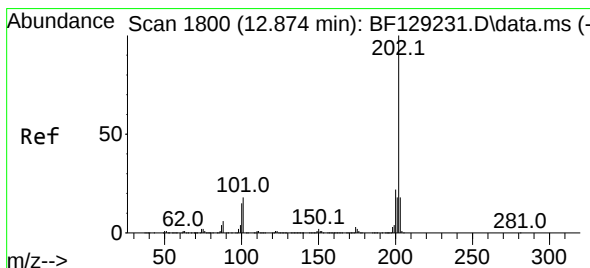
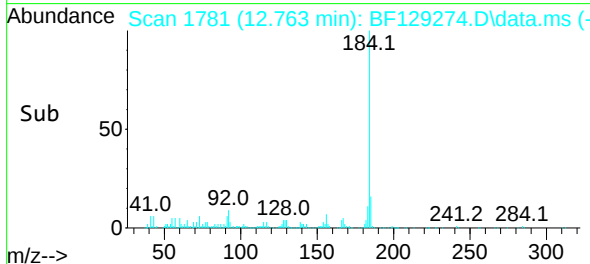
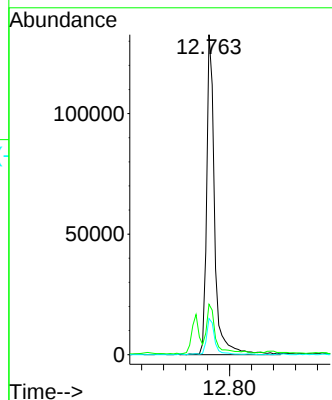


Tgt Ion:184 Resp: 133610
Ion Ratio Lower Upper
184 100
185 15.8 11.9 17.9
183 11.3 9.3 13.9

Manual Integrations
APPROVED

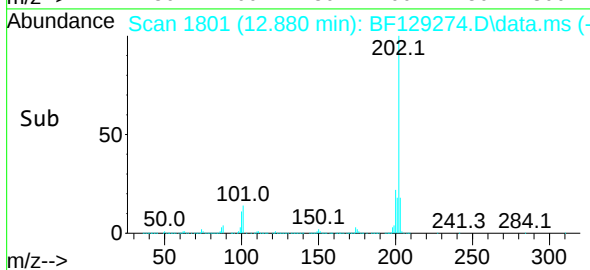
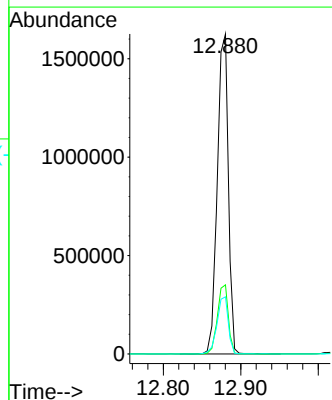
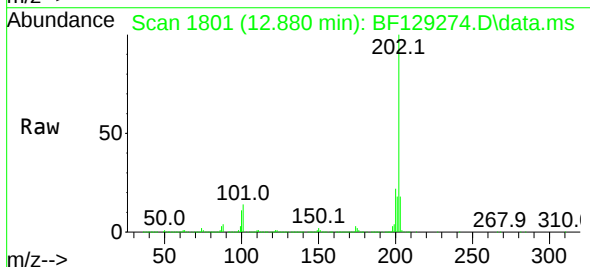
Reviewed By :Christian
Giraldo
07/19/2022

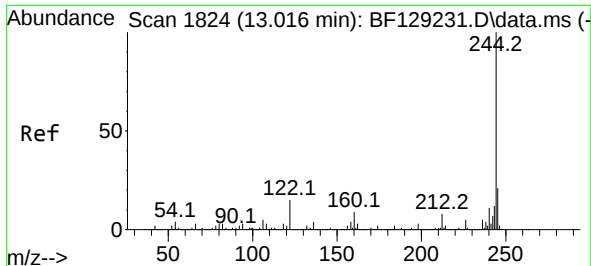
Supervised By :Jagrut
Upadhyay
07/19/2022



#78
Pyrene
Concen: 49.668 ng
RT: 12.880 min Scan# 1801
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Tgt Ion:202 Resp: 1606675
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.8 14.6 21.8





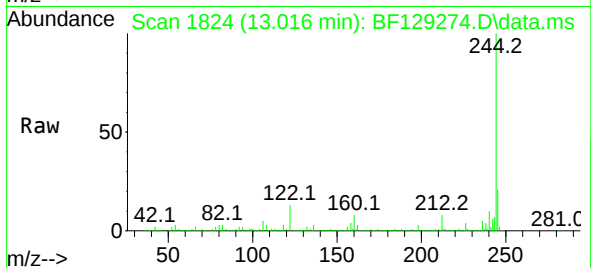
#79
 Terphenyl-d14
 Concen: 96.472 ng
 RT: 13.016 min Scan# 1824
 Delta R.T. -0.000 min
 Lab File: BF129274.D
 Acq: 18 Jul 2022 18:39

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

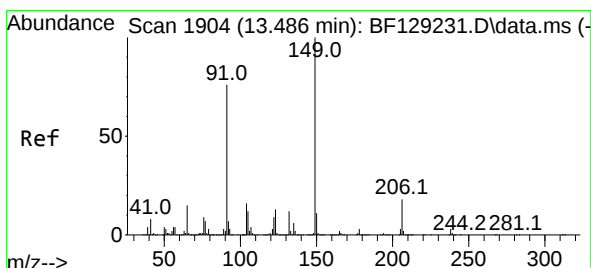
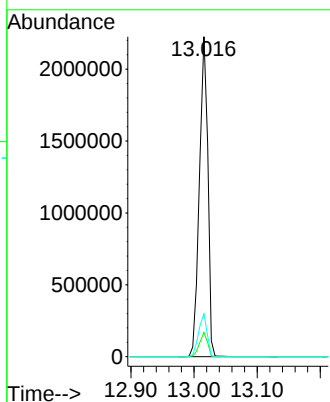
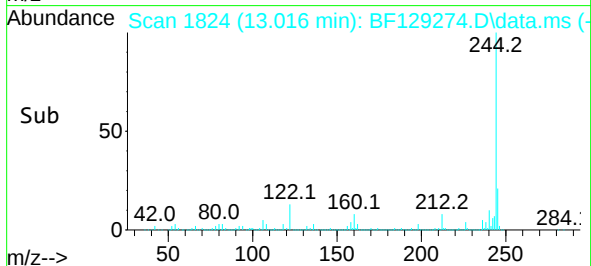


Tgt Ion:244 Resp: 2059618
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.4 8.8 13.2

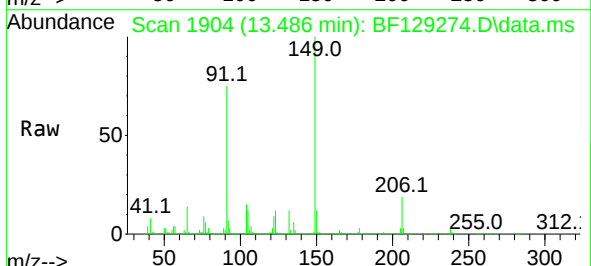
Manual Integrations
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Reviewed By :Christian
 Giraldo
 07/19/2022

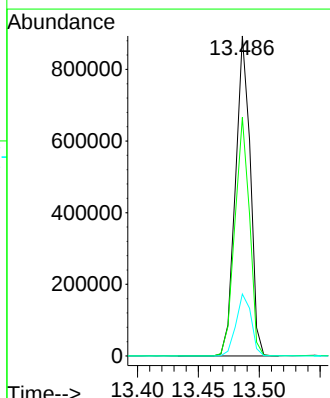
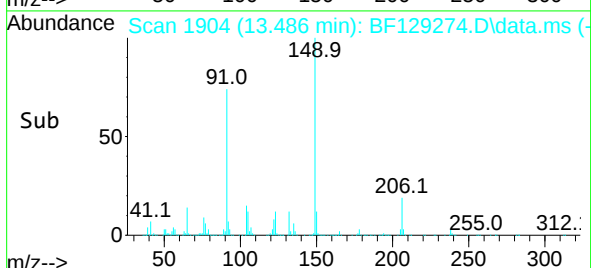
Supervised By :Jagrut
 Upadhyay
 07/19/2022

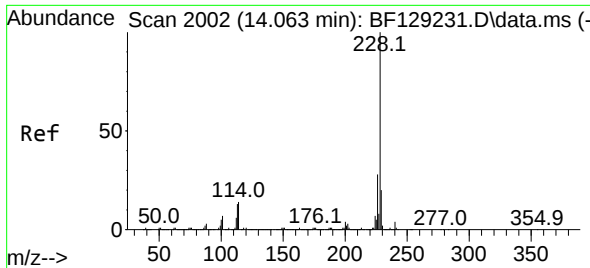


#80
 Butylbenzylphthalate
 Concen: 52.320 ng
 RT: 13.486 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: BF129274.D
 Acq: 18 Jul 2022 18:39



Tgt Ion:149 Resp: 753838
 Ion Ratio Lower Upper
 149 100
 91 74.5 61.2 91.8
 206 19.3 15.7 23.5





#81
Benzo(a)anthracene
Concen: 52.932 ng
RT: 14.068 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

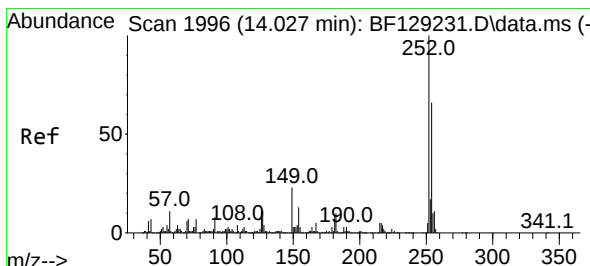
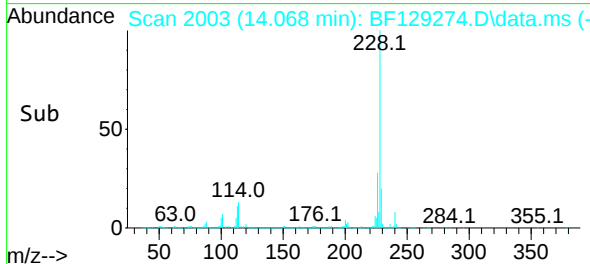
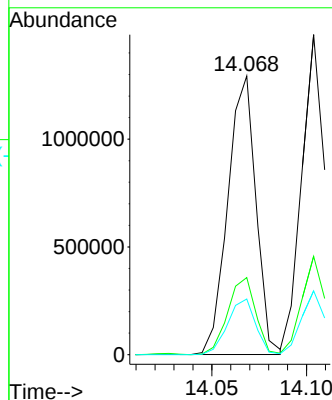
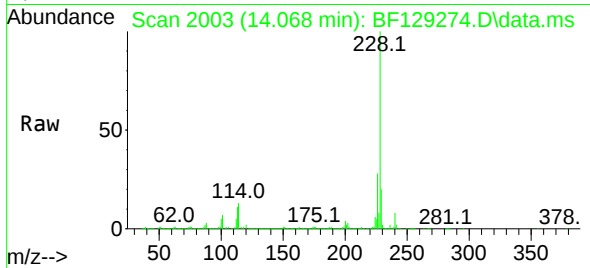
Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:228 Resp: 133344
Ion Ratio Lower Upper
228 100
226 27.7 22.1 33.1
229 20.0 15.8 23.8

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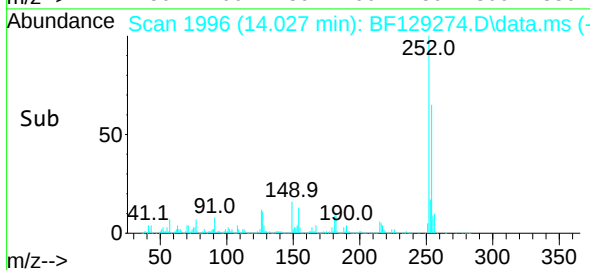
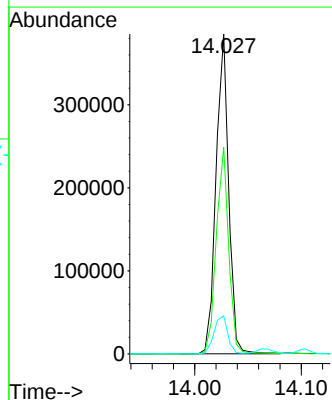
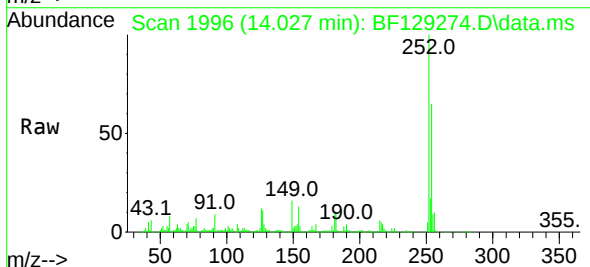
Reviewed By :Christian
Giraldo
07/19/2022

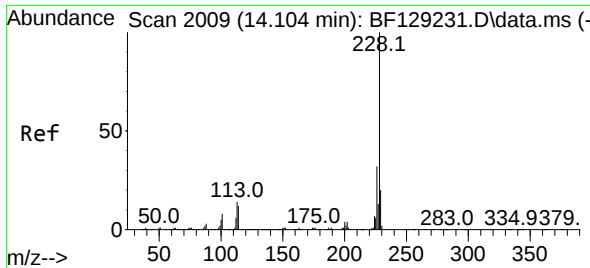
Supervised By :Jagrut
Upadhyay
07/19/2022



#82
3,3'-Dichlorobenzidine
Concen: 50.093 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

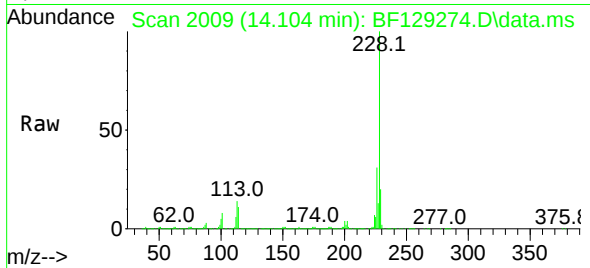
Tgt Ion:252 Resp: 315678
Ion Ratio Lower Upper
252 100
254 64.7 50.2 75.4
126 11.9 8.2 12.4





#83
Chrysene
Concen: 51.946 ng
RT: 14.104 min Scan# 2009
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

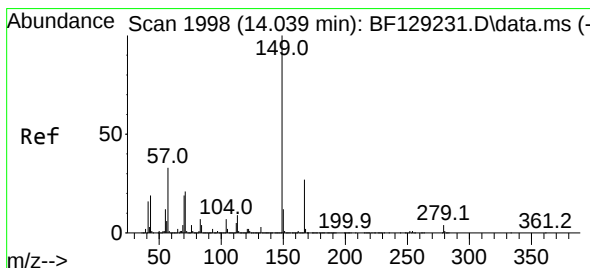
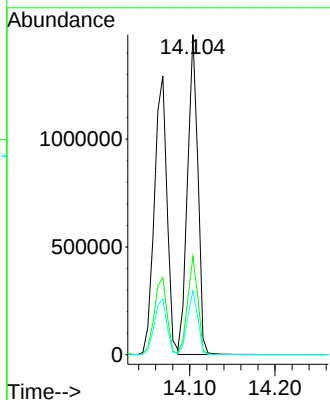
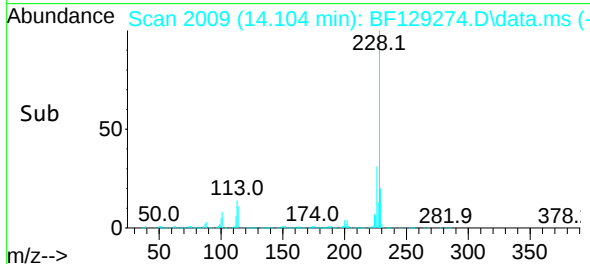


Tgt Ion:228 Resp: 124907
Ion Ratio Lower Upper
228 100
226 30.8 24.3 36.5
229 20.0 15.9 23.9

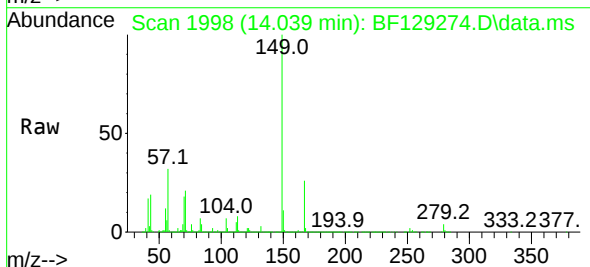
Manual Integrations
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Reviewed By :Christian
Giraldo
07/19/2022

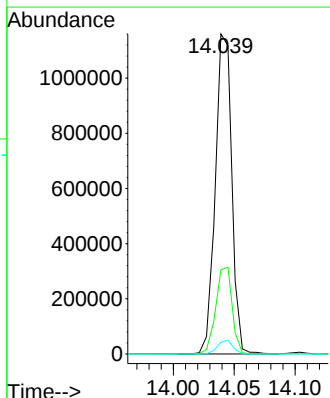
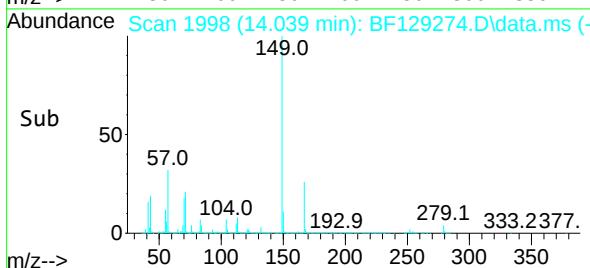
Supervised By :Jagrut
Upadhyay
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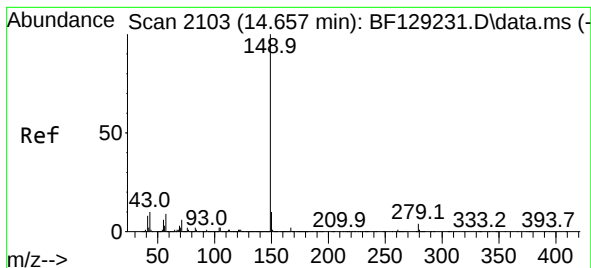


#84
Bis(2-ethylhexyl)phthalate
Concen: 57.079 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39



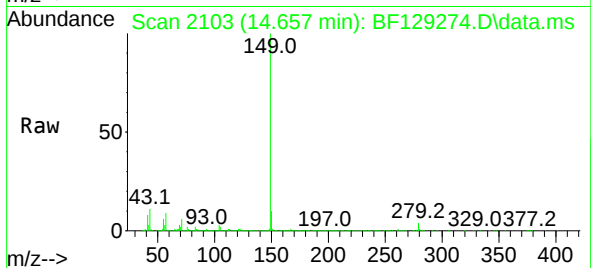
Tgt Ion:149 Resp: 1094325
Ion Ratio Lower Upper
149 100
167 26.3 21.0 31.4
279 3.6 3.1 4.7





#85
Di-n-octyl phthalate
Concen: 64.620 ng
RT: 14.657 min Scan# 2103
Delta R.T. -0.000 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

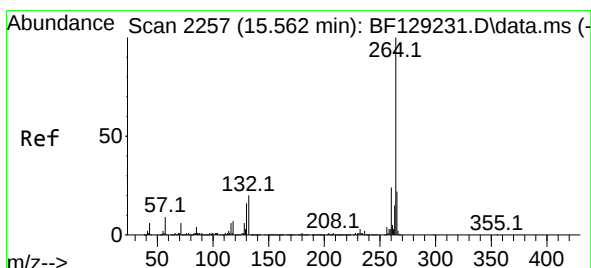
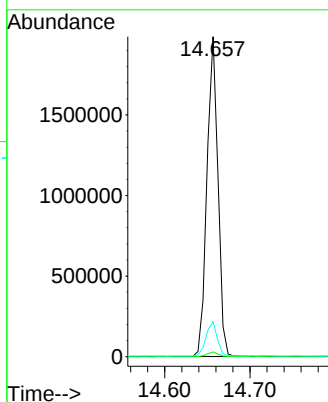
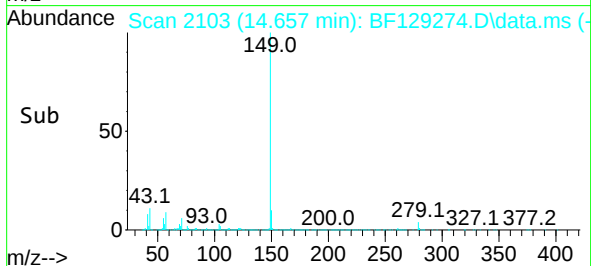
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



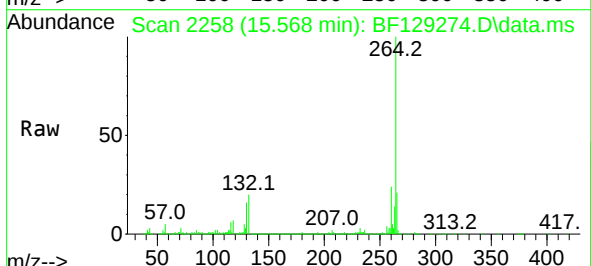
Tgt Ion:149 Resp: 1776940
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.8 9.2 13.8

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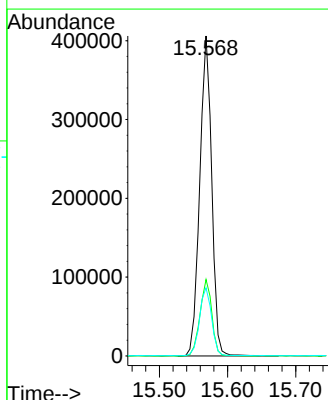
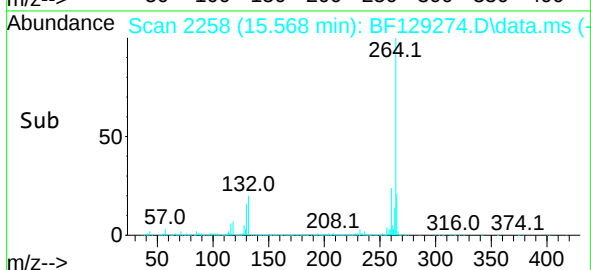
Reviewed By :Christian
Giraldo
07/19/2022
Supervised By :Jagrut
Upadhyay
07/19/2022

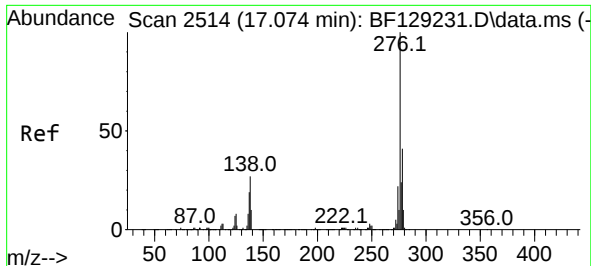


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2258
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39



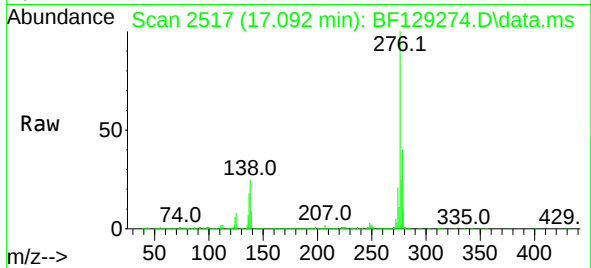
Tgt Ion:264 Resp: 495737
Ion Ratio Lower Upper
264 100
260 23.9 18.4 27.6
265 21.3 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 60.454 ng
RT: 17.092 min Scan# 2184
Delta R.T. 0.018 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

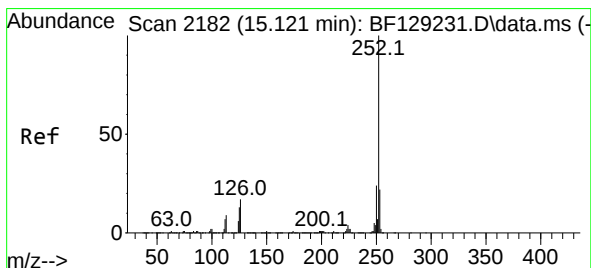
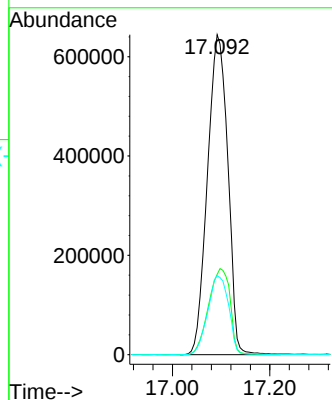


Tgt Ion:276 Resp: 1868779
Ion Ratio Lower Upper
276 100
138 28.5 21.1 31.7
277 25.2 20.3 30.5

Manual Integrations
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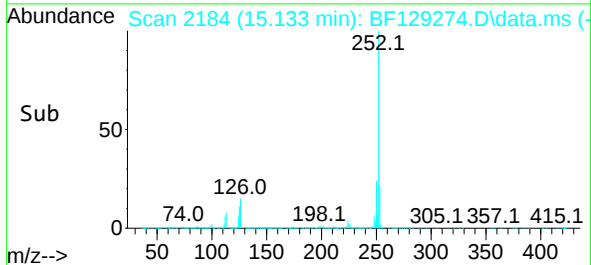
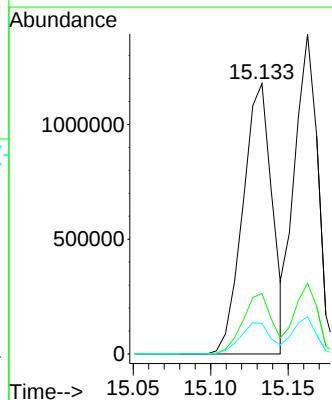
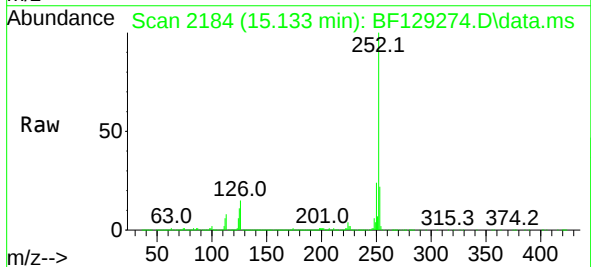
Reviewed By :Christian
Giraldo
07/19/2022

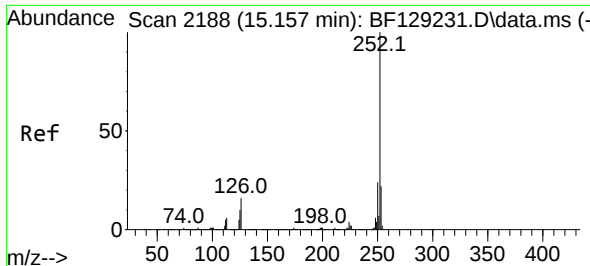
Supervised By :Jagrut
Upadhyay
07/19/2022



#88
Benzo(b)fluoranthene
Concen: 50.863 ng
RT: 15.133 min Scan# 2184
Delta R.T. 0.012 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

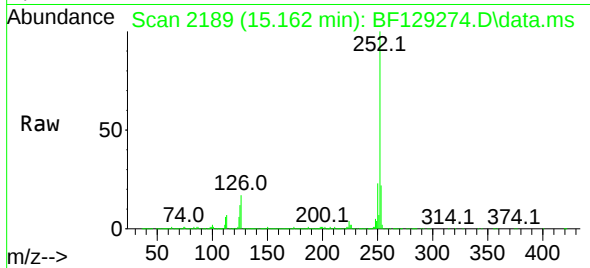
Tgt Ion:252 Resp: 1549034
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 11.3 8.0 12.0





#89
Benzo(k)fluoranthene
Concen: 48.998 ng
RT: 15.162 min Scan# 2188
Delta R.T. 0.006 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

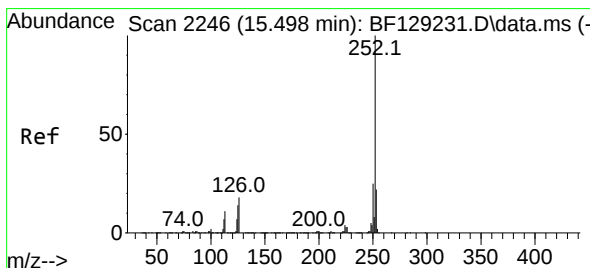
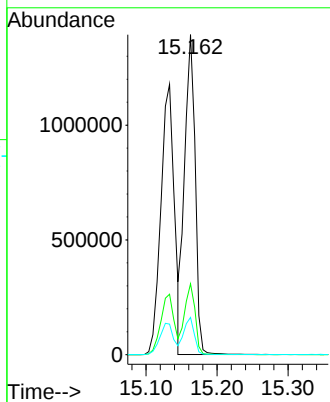
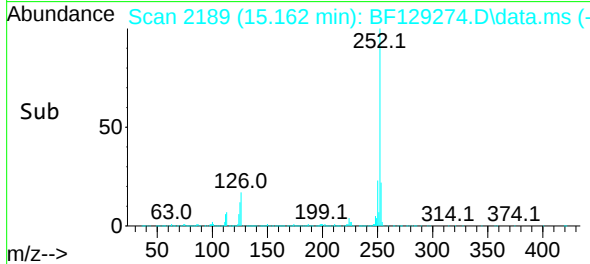


Tgt Ion:252 Resp: 145790
Ion Ratio Lower Upper
252 100
253 22.2 17.8 26.6
125 11.6 8.3 12.5

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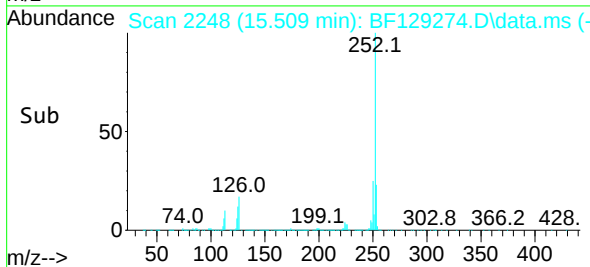
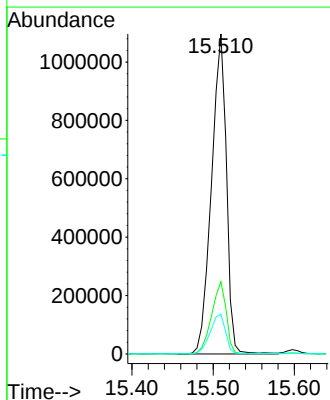
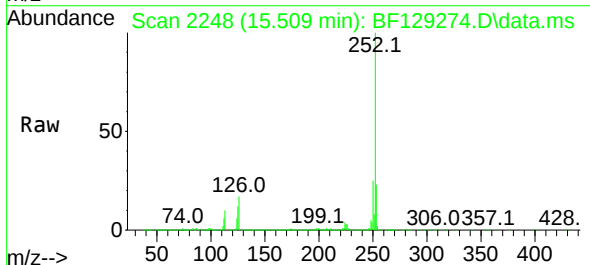
Reviewed By :Christian
Giraldo
07/19/2022

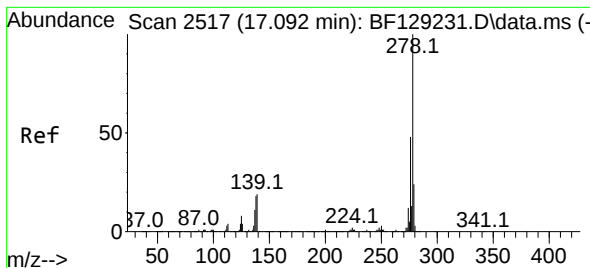
Supervised By :Jagrut
Upadhyay
07/19/2022



#90
Benzo(a)pyrene
Concen: 56.429 ng
RT: 15.509 min Scan# 2248
Delta R.T. 0.012 min
Lab File: BF129274.D
Acq: 18 Jul 2022 18:39

Tgt Ion:252 Resp: 1399044
Ion Ratio Lower Upper
252 100
253 22.6 17.0 25.6
125 12.4 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 63.457 ng

RT: 17.115 min Scan# 2517

Delta R.T. 0.023 min

Lab File: BF129274.D

Acq: 18 Jul 2022 18:39

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:278 Resp: 1586679

Ion Ratio Lower Upper

278 100

139 18.3 12.8 19.2

279 24.1 18.6 28.0

Manual Integrations

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Reviewed By :Christian

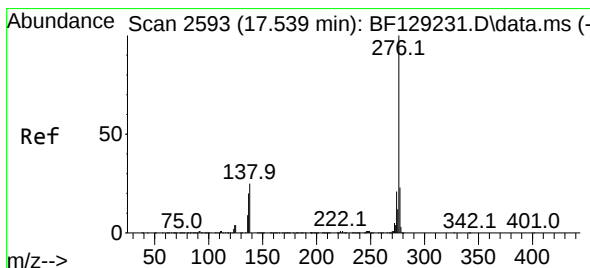
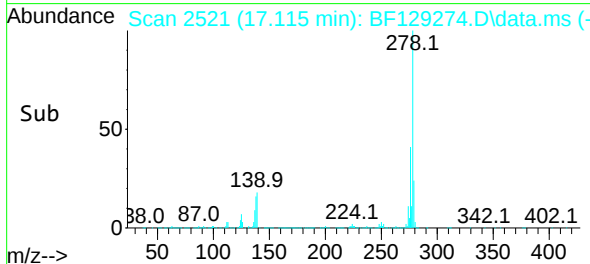
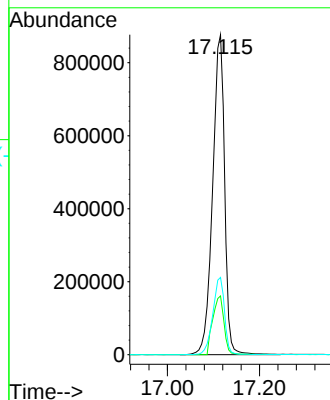
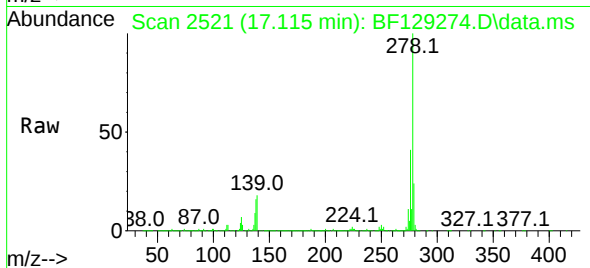
Giraldo

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Supervised By :Jagrut

Upadhyay

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#92

Benzo(g,h,i)perylene

Concen: 62.072 ng

RT: 17.562 min Scan# 2597

Delta R.T. 0.024 min

Lab File: BF129274.D

Acq: 18 Jul 2022 18:39

Tgt Ion:276 Resp: 1586522

Ion Ratio Lower Upper

276 100

277 23.5 19.1 28.7

138 24.3 18.0 27.0

