

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092822\
 Data File : BF130450.D
 Acq On : 28 Sep 2022 16:13
 Operator : CG\JU
 Sample : N4815-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-1MS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/29/2022
 Supervised By : Jagrut Upadhyay 09/29/2022

Quant Time: Sep 29 02:15:05 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:59:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.645	152	108744	20.000	ng	0.00
21) Naphthalene-d8	7.928	136	420014	20.000	ng	0.00
39) Acenaphthene-d10	9.681	164	209366	20.000	ng	0.00
64) Phenanthrene-d10	11.157	188	313546	20.000	ng	0.00
76) Chrysene-d12	13.792	240	192260	20.000	ng	# 0.00
86) Perylene-d12	15.180	264	232086	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.257	112	791832	126.297	ng	0.01
7) Phenol-d6	6.298	99	966455	123.198	ng	0.00
23) Nitrobenzene-d5	7.216	82	609374	74.121	ng	0.00
42) 2,4,6-Tribromophenol	10.469	330	250561	124.898	ng	0.00
45) 2-Fluorobiphenyl	9.010	172	1192519	82.943	ng	0.00
79) Terphenyl-d14	12.745	244	949543	81.812	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.310	88	100677	34.965	ng	95
3) Pyridine	2.987	79	262224	34.911	ng	93
4) n-Nitrosodimethylamine	2.952	42	154773	37.886	ng	92
6) Aniline	6.310	93	334414	34.598	ng	# 17
8) 2-Chlorophenol	6.434	128	355284	49.746	ng	92
9) Benzaldehyde	6.193	77	194475	37.009	ng	96
10) Phenol	6.310	94	423411	46.057	ng	82
11) bis(2-Chloroethyl)ether	6.393	93	322235	48.596	ng	91
12) 1,3-Dichlorobenzene	6.587	146	391070	49.764	ng	95
13) 1,4-Dichlorobenzene	6.663	146	395580	49.363	ng	99
14) 1,2-Dichlorobenzene	6.816	146	374280	49.997	ng	97
15) Benzyl Alcohol	6.798	79	218027	35.054	ng	94
16) 2,2'-oxybis(1-Chloropr...	6.928	45	391297	40.459	ng	74
17) 2-Methylphenol	6.916	107	305529	52.626	ng	95
18) Hexachloroethane	7.157	117	150932	47.780	ng	93
19) n-Nitroso-di-n-propyla...	7.075	70	230590	43.561	ng	89
20) 3+4-Methylphenols	7.069	107	353579	46.882	ng	# 77
22) Acetophenone	7.063	105	499461	48.639	ng	# 91
24) Nitrobenzene	7.234	77	355836	42.626	ng	93
25) Isophorone	7.475	82	625573	47.210	ng	97
26) 2-Nitrophenol	7.551	139	186475	54.492	ng	# 86
27) 2,4-Dimethylphenol	7.598	122	279232	52.994	ng	95
28) bis(2-Chloroethoxy)met...	7.687	93	382558	51.272	ng	100
29) 2,4-Dichlorophenol	7.792	162	287623	49.813	ng	96
30) 1,2,4-Trichlorobenzene	7.875	180	307593	49.273	ng	94
31) Naphthalene	7.951	128	995096	45.987	ng	100
32) Benzoic acid	7.687	122	36285	8.905	ng	92
33) 4-Chloroaniline	8.004	127	197469	23.994	ng	96
34) Hexachlorobutadiene	8.069	225	196664	49.294	ng	98
35) Caprolactam	8.387	113	73470m	44.385	ng	
36) 4-Chloro-3-methylphenol	8.498	107	302723	47.300	ng	100
37) 2-Methylnaphthalene	8.639	142	645026	46.753	ng	100
38) 1-Methylnaphthalene	8.739	142	612159	46.188	ng	99
40) 1,2,4,5-Tetrachloroben...	8.810	216	303811	53.172	ng	98
41) Hexachlorocyclopentadiene	8.792	237	344683	112.676	ng	99
43) 2,4,6-Trichlorophenol	8.922	196	184489	46.265	ng	93

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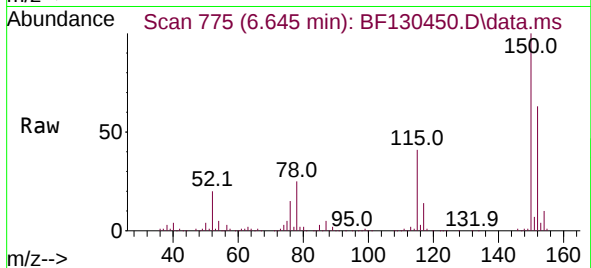
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.969	196	204237	47.463	ng	96
46) 1,1'-Biphenyl	9.110	154	784563	50.175	ng	98
47) 2-Chloronaphthalene	9.128	162	615409	48.653	ng	99
48) 2-Nitroaniline	9.234	65	178062	42.207	ng	87
49) Acenaphthylene	9.545	152	898352	47.369	ng	100
50) Dimethylphthalate	9.416	163	701175	48.484	ng	99
51) 2,6-Dinitrotoluene	9.475	165	156443	51.724	ng	85
52) Acenaphthene	9.716	154	593986m	47.669	ng	
53) 3-Nitroaniline	9.639	138	111888	33.199	ng	93
54) 2,4-Dinitrophenol	9.751	184	73463	47.529	ng	# 83
55) Dibenzofuran	9.886	168	817319	47.157	ng	96
56) 4-Nitrophenol	9.816	139	192660	78.486	ng	87
57) 2,4-Dinitrotoluene	9.875	165	201513	52.132	ng	90
58) Fluorene	10.228	166	644732	45.486	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.004	232	137709	40.886	ng	90
60) Diethylphthalate	10.110	149	666412	45.951	ng	98
61) 4-Chlorophenyl-phenyle...	10.222	204	307105	49.390	ng	96
62) 4-Nitroaniline	10.257	138	146332	43.221	ng	89
63) Azobenzene	10.381	77	592418	39.670	ng	96
65) 4,6-Dinitro-2-methylph...	10.281	198	67194	38.498	ng	98
66) n-Nitrosodiphenylamine	10.345	169	543970	51.917	ng	99
67) 4-Bromophenyl-phenylether	10.710	248	192304	55.597	ng	93
68) Hexachlorobenzene	10.769	284	212892	54.296	ng	98
69) Atrazine	10.875	200	167729	54.778	ng	96
70) Pentachlorophenol	10.969	266	144275	68.562	ng	98
71) Phenanthrene	11.186	178	834296	47.393	ng	99
72) Anthracene	11.233	178	825423	48.589	ng	99
73) Carbazole	11.398	167	727033	47.421	ng	98
74) Di-n-butylphthalate	11.728	149	892539	48.277	ng	99
75) Fluoranthene	12.369	202	720243	42.341	ng	97
77) Benzidine	12.498	184	279968	50.163	ng	99
78) Pyrene	12.592	202	711109	42.280	ng	99
80) Butylbenzylphthalate	13.222	149	310745	49.873	ng	93
81) Benzo(a)anthracene	13.780	228	626519	48.985	ng	100
82) 3,3'-Dichlorobenzidine	13.751	252	128759	36.983	ng	# 98
83) Chrysene	13.816	228	592647	48.801	ng	100
84) Bis(2-ethylhexyl)phtha...	13.780	149	423952	59.403	ng	98
85) Di-n-octyl phthalate	14.392	149	762555	69.857	ng	# 95
87) Indeno(1,2,3-cd)pyrene	16.510	276	911903	55.407	ng	98
88) Benzo(b)fluoranthene	14.792	252	734010	48.455	ng	99
89) Benzo(k)fluoranthene	14.821	252	710615	47.688	ng	99
90) Benzo(a)pyrene	15.127	252	652729	54.390	ng	# 98
91) Dibenzo(a,h)anthracene	16.527	278	788527	58.403	ng	98
92) Benzo(g,h,i)perylene	16.915	276	772580	56.804	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.645 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

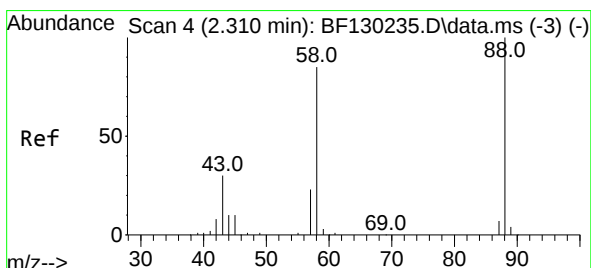
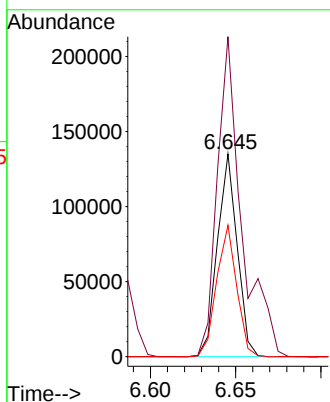
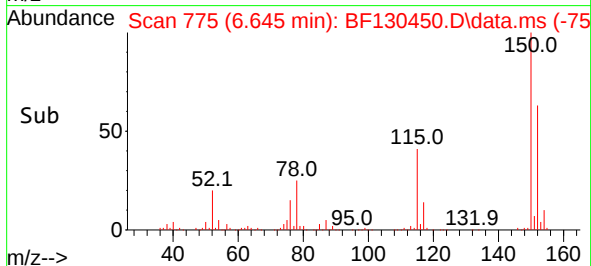
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:152 Resp: 108744
Ion Ratio Lower Upper
152 100
150 157.9 122.8 184.2
115 64.8 53.8 80.8

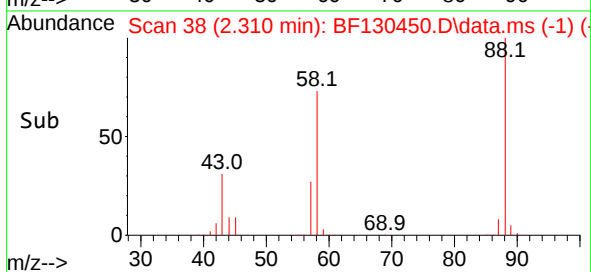
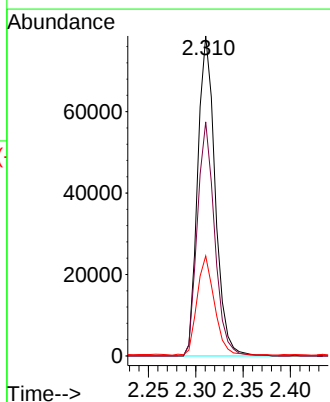
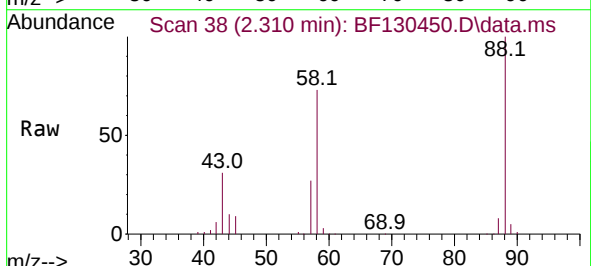
Manual Integrations
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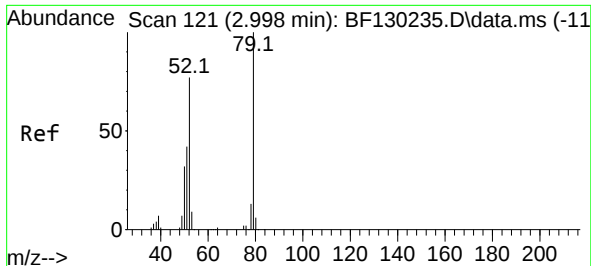
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#2
1,4-Dioxane
Concen: 34.965 ng
RT: 2.310 min Scan# 38
Delta R.T. 0.047 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 88 Resp: 100677
Ion Ratio Lower Upper
88 100
58 72.4 61.3 91.9
43 30.9 23.0 34.6





#3

Pyridine

Concen: 34.911 ng

RT: 2.987 min Scan# 11

Delta R.T. 0.047 min

Lab File: BF130450.D

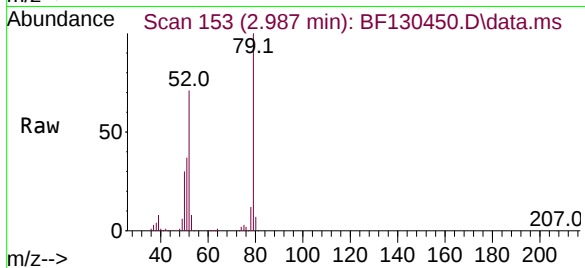
Acq: 28 Sep 2022 16:13

Instrument :

BNF

ClientSampleId :

SAND-FILTER-1MS



Tgt Ion: 79 Resp: 262224

Ion Ratio Lower Upper

79 100

52 70.9 62.4 93.6

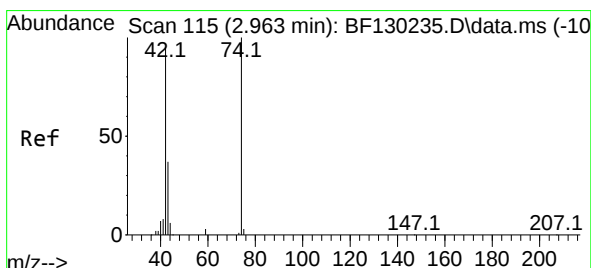
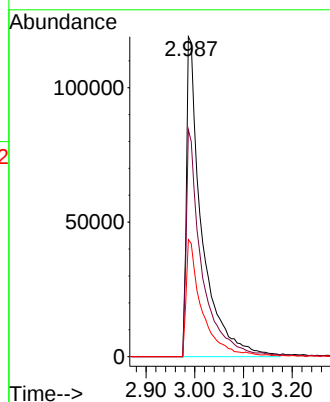
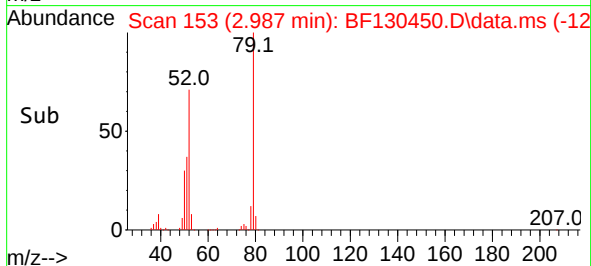
51 36.6 32.2 48.4

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 37.886 ng

RT: 2.952 min Scan# 147

Delta R.T. 0.047 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

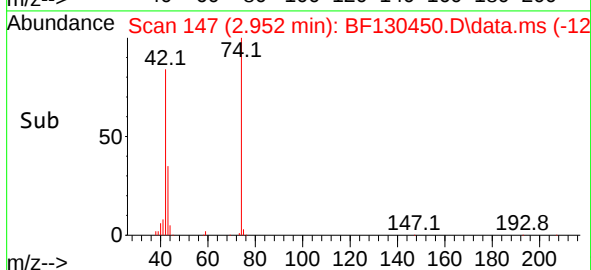
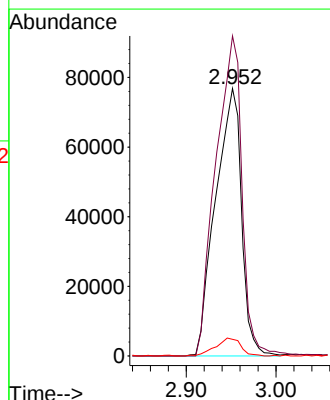
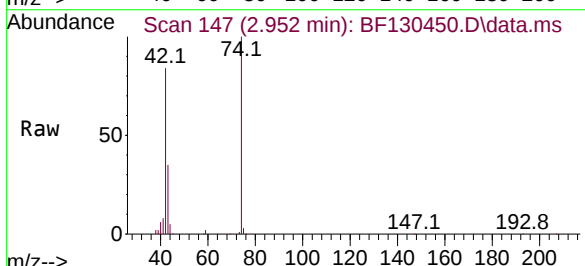
Tgt Ion: 42 Resp: 154773

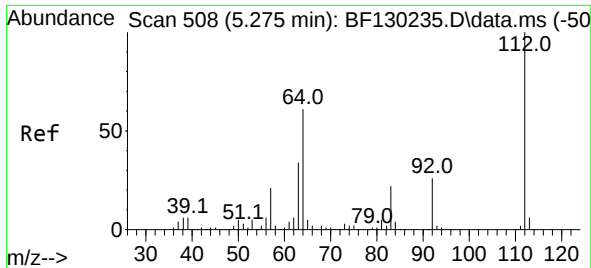
Ion Ratio Lower Upper

42 100

74 119.7 88.4 132.6

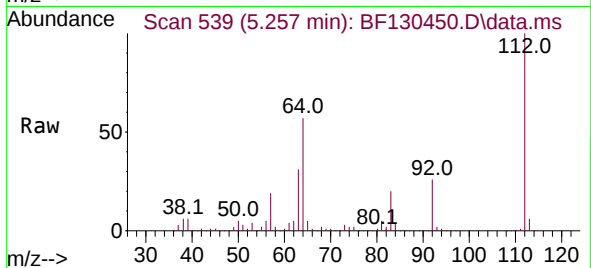
44 6.2 5.0 7.4





#5
2-Fluorophenol
Concen: 126.297 ng
RT: 5.257 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

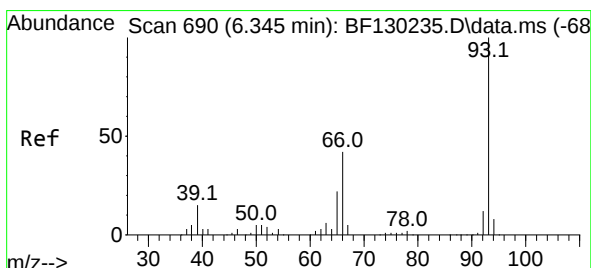
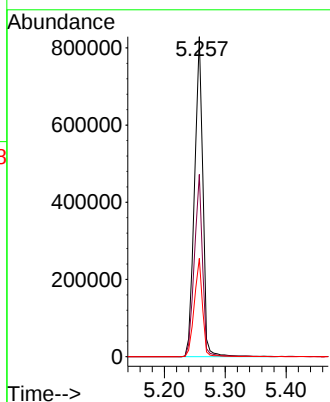
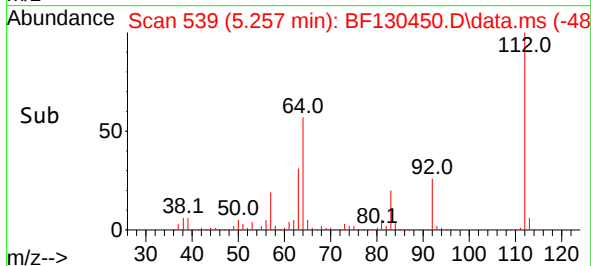
Instrument :
BNA_F
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Tgt Ion: 112 Resp: 791832
Ion Ratio Lower Upper
112 100
64 56.9 51.4 77.0
63 30.7 28.8 43.2

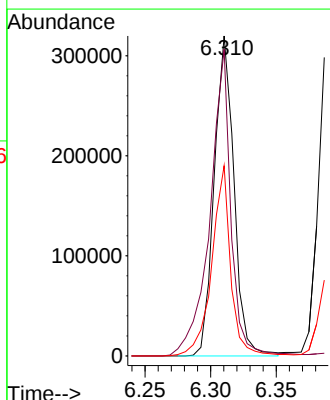
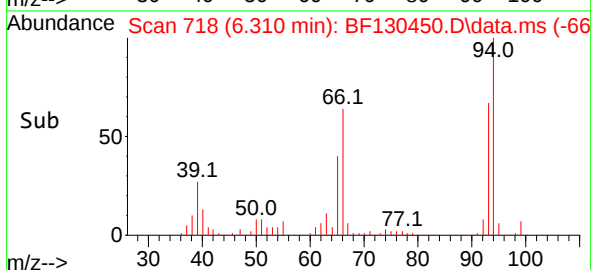
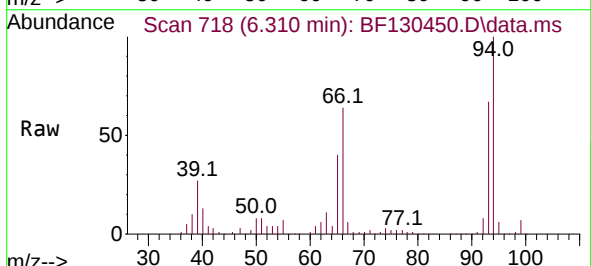
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#6
Aniline
Concen: 34.598 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

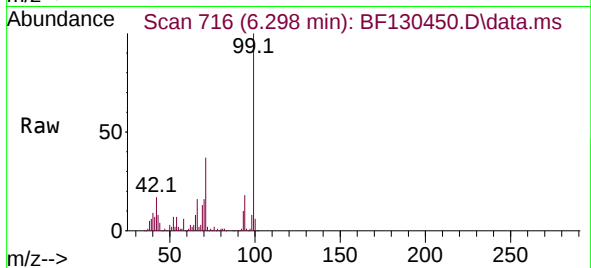
Tgt Ion: 93 Resp: 334414
Ion Ratio Lower Upper
93 100
66 95.8 34.2 51.4#
65 59.4 16.6 24.8#





#7
Phenol-d6
Concen: 123.198 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

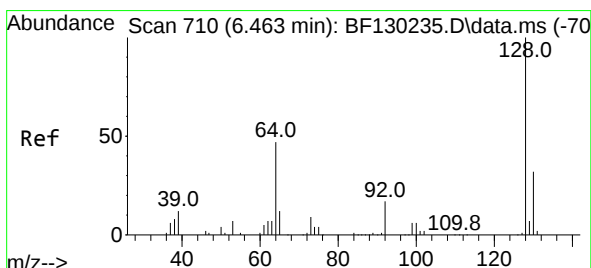
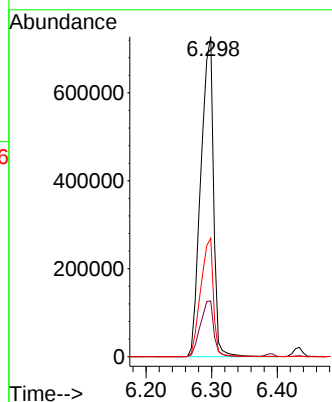
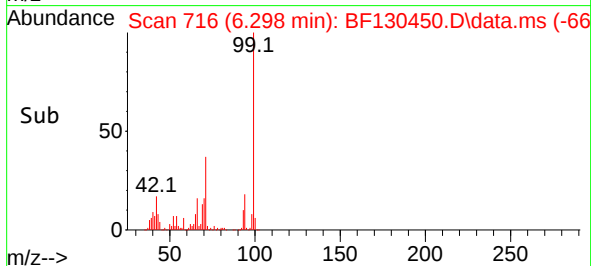
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion: 99 Resp: 966455
Ion Ratio Lower Upper
99 100
42 17.4 17.0 25.6
71 37.0 32.3 48.5

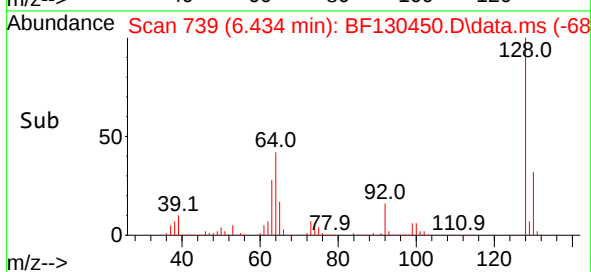
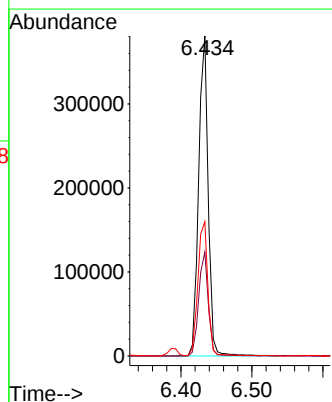
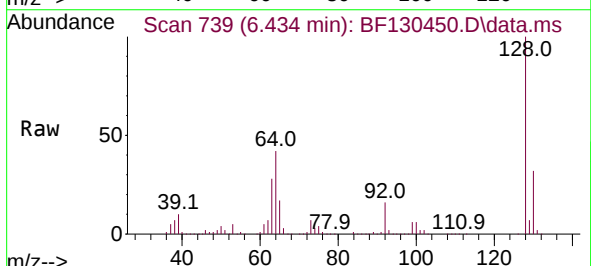
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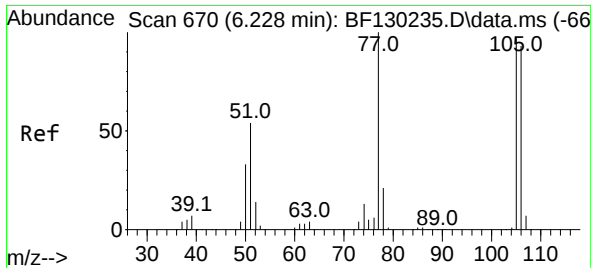
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#8
2-Chlorophenol
Concen: 49.746 ng
RT: 6.434 min Scan# 739
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

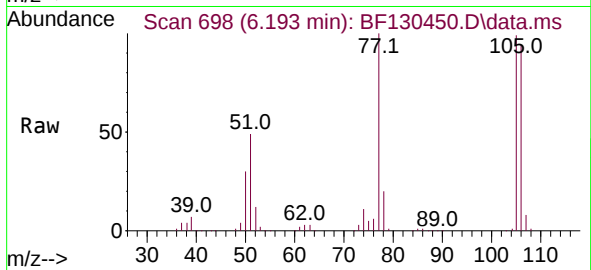
Tgt Ion:128 Resp: 355284
Ion Ratio Lower Upper
128 100
130 32.4 12.4 52.4
64 41.9 31.6 71.6





#9
Benzaldehyde
Concen: 37.009 ng
RT: 6.193 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

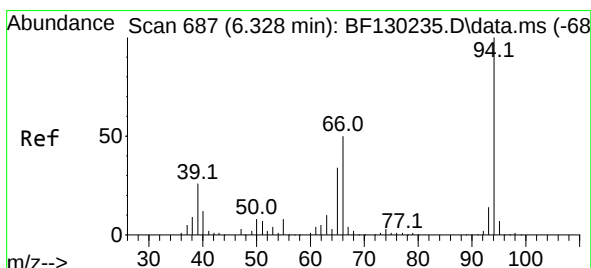
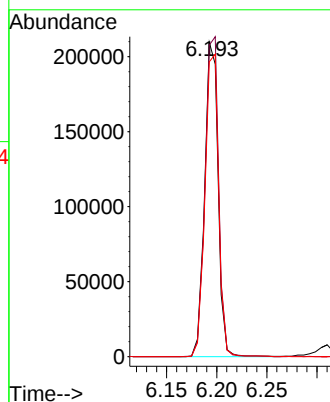
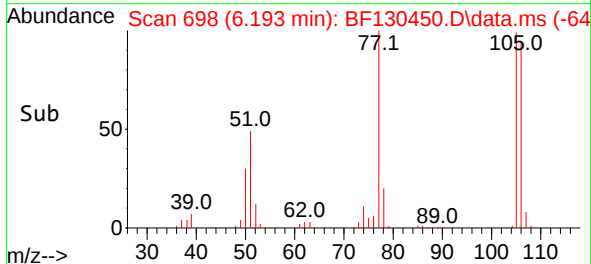
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion: 77 Resp: 194475
Ion Ratio Lower Upper
77 100
105 99.1 75.1 115.1
106 93.9 69.7 109.7

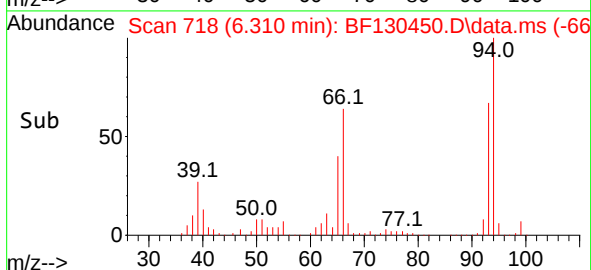
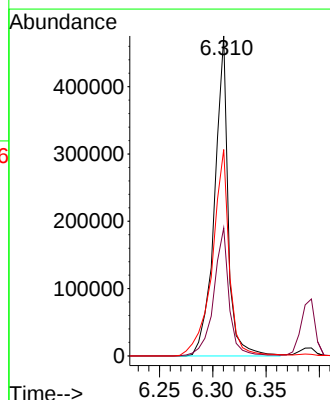
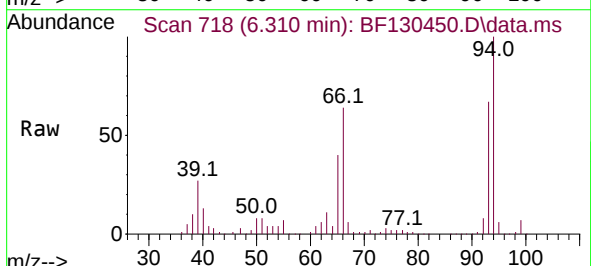
Manual Integrations
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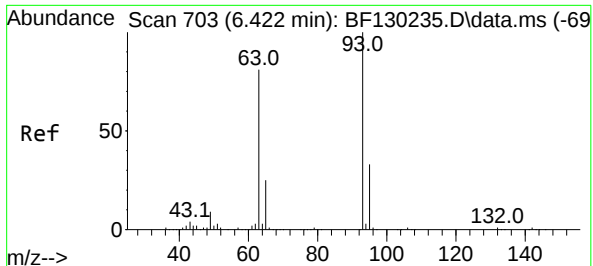
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#10
Phenol
Concen: 46.057 ng
RT: 6.310 min Scan# 718
Delta R.T. 0.006 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 94 Resp: 423411
Ion Ratio Lower Upper
94 100
65 40.0 14.1 54.1
66 64.5 28.1 68.1





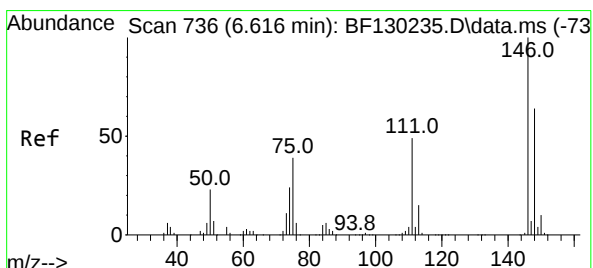
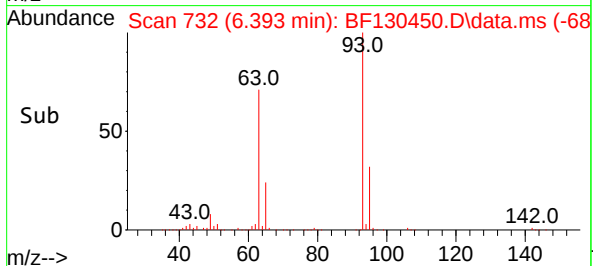
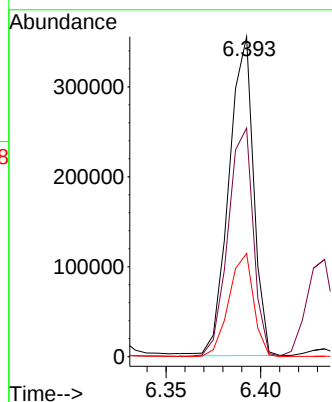
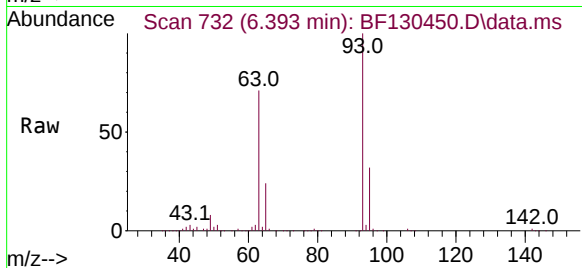
#11
bis(2-Chloroethyl)ether
Concen: 48.596 ng
RT: 6.393 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS

Tgt Ion: 93 Resp: 322235
Ion Ratio Lower Upper
93 100
63 71.4 62.5 102.5
95 32.2 12.5 52.5

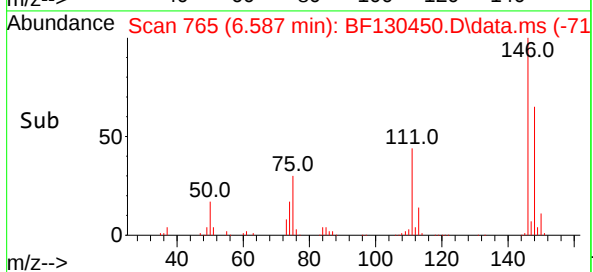
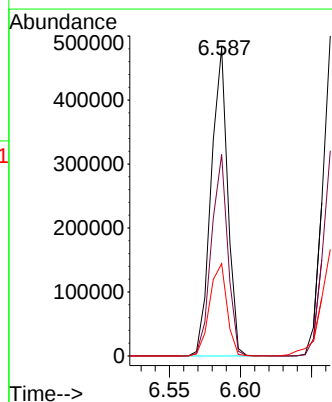
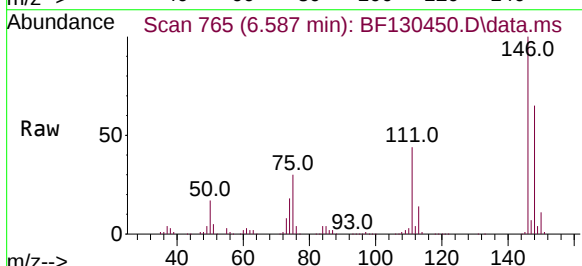
Manual Integrations
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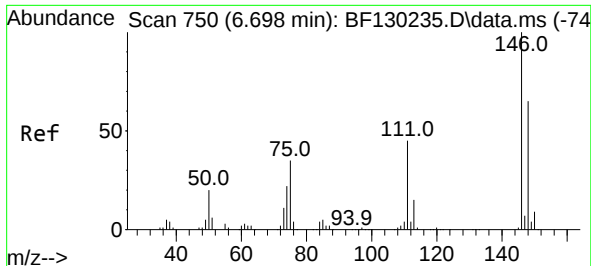
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#12
1,3-Dichlorobenzene
Concen: 49.764 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

Tgt Ion:146 Resp: 391070
Ion Ratio Lower Upper
146 100
148 65.3 51.4 77.2
75 29.9 28.8 43.2





#13

1,4-Dichlorobenzene

Concen: 49.363 ng

RT: 6.663 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:146 Resp: 395580

Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

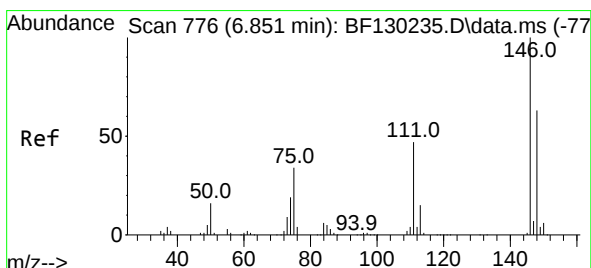
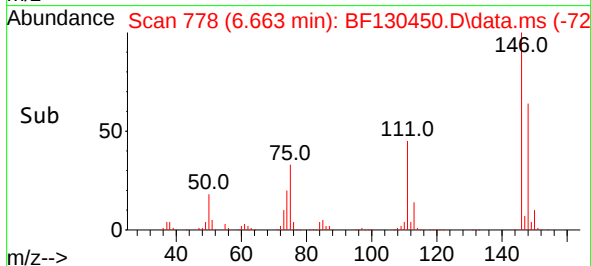
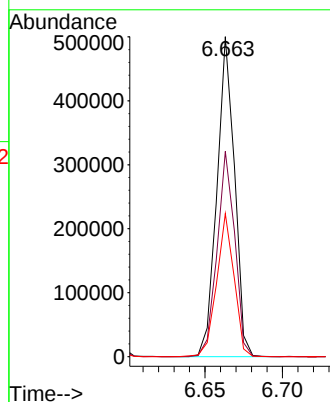
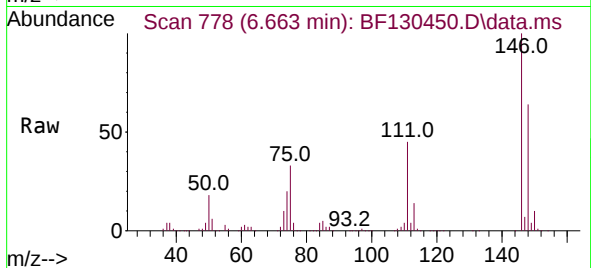
111 44.7 36.3 54.5

Manual Integrations

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Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#14

1,2-Dichlorobenzene

Concen: 49.997 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

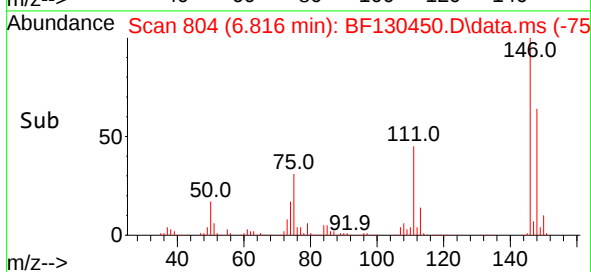
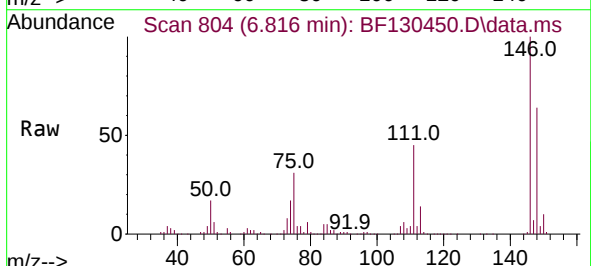
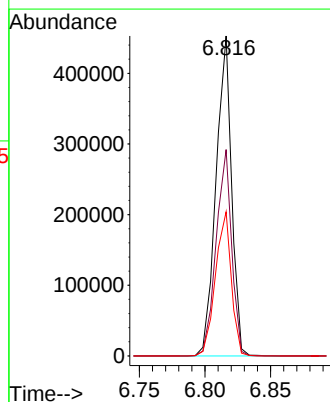
Tgt Ion:146 Resp: 374280

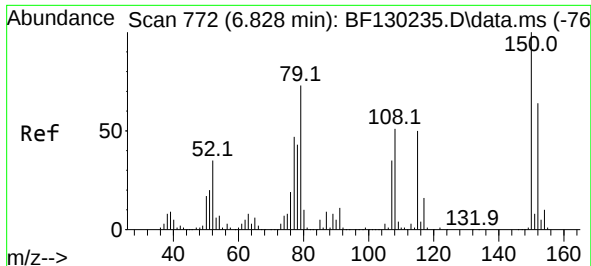
Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

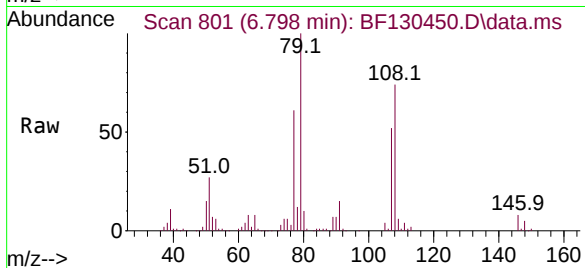
111 45.0 39.2 58.8





#15
Benzyl Alcohol
Concen: 35.054 ng
RT: 6.798 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

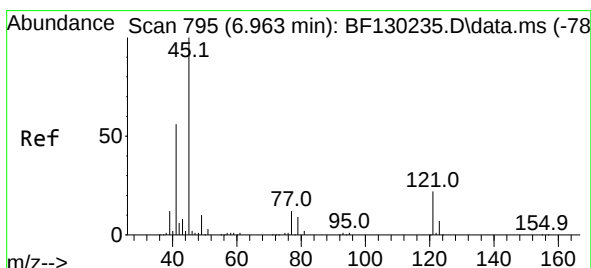
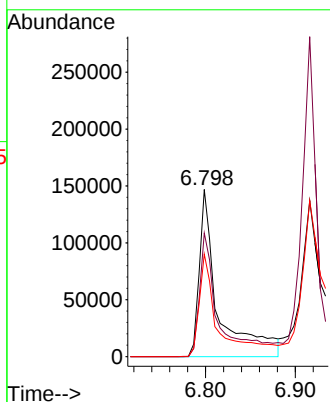
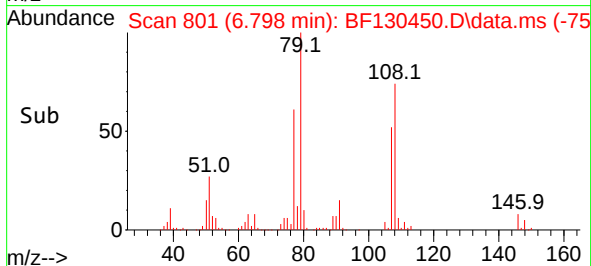
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



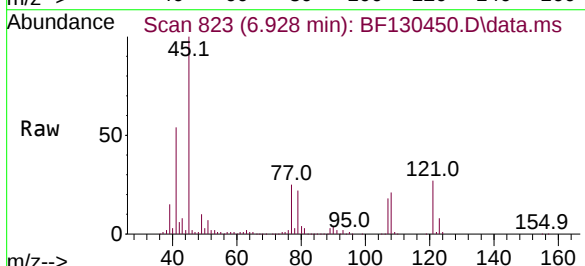
Tgt Ion: 79 Resp: 218027
Ion Ratio Lower Upper
79 100
108 74.0 54.0 81.0
77 61.3 51.3 76.9

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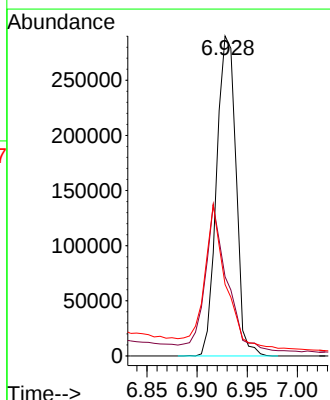
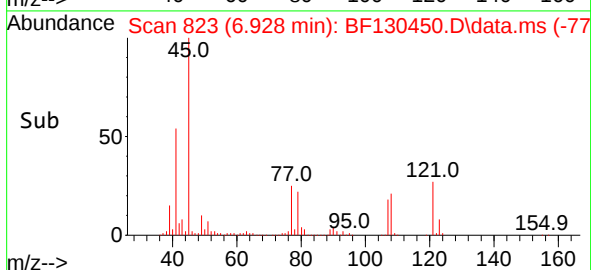
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

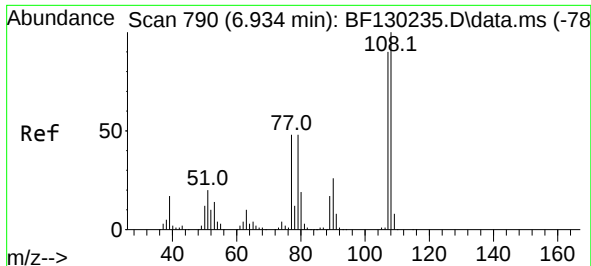


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.459 ng
RT: 6.928 min Scan# 823
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



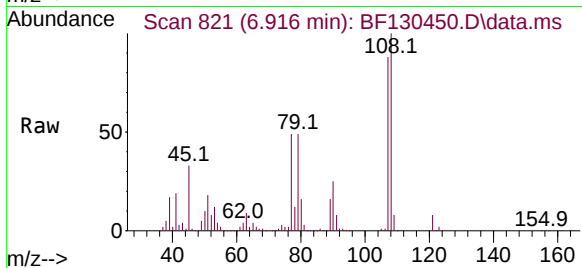
Tgt Ion: 45 Resp: 391297
Ion Ratio Lower Upper
45 100
77 24.7 0.0 34.9
79 22.3 0.0 31.0





#17
2-Methylphenol
Concen: 52.626 ng
RT: 6.916 min Scan# 801
Delta R.T. 0.006 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS

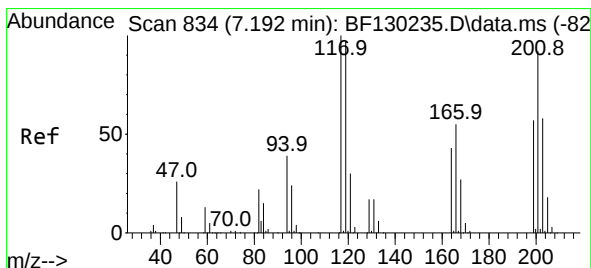
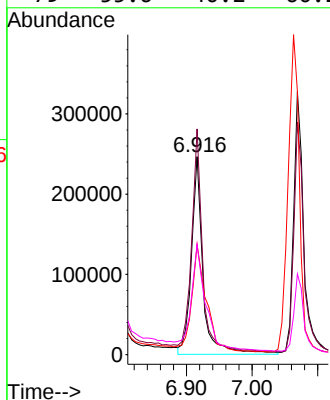
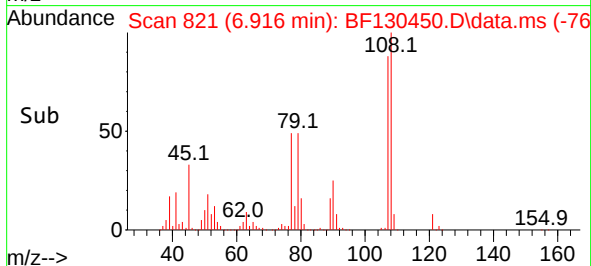


Tgt Ion:107 Resp: 305529

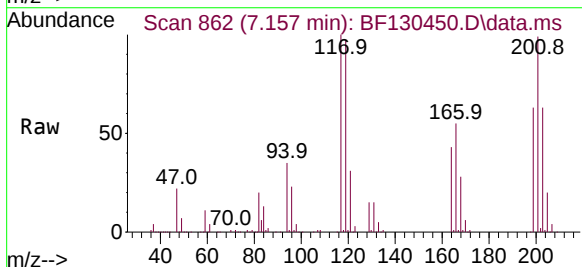
Ion	Ratio	Lower	Upper
107	100		
108	114.0	89.4	134.0
77	55.6	40.6	60.8
79	55.6	40.2	60.2

Manual Integrations
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Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

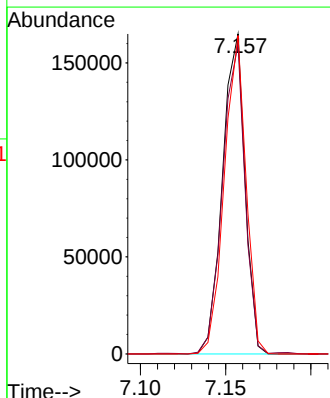
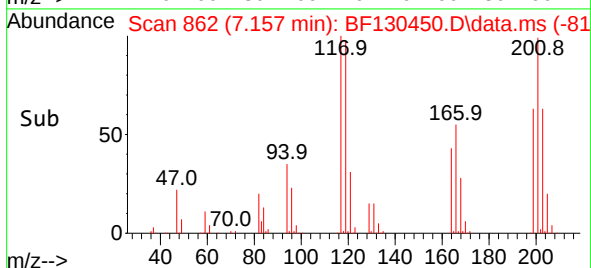


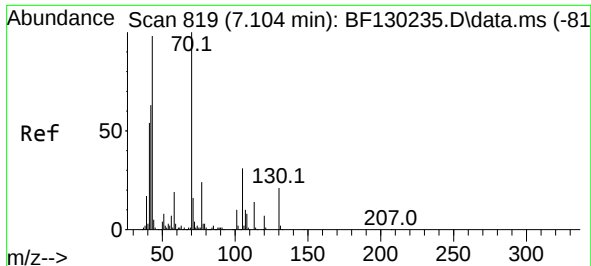
#18
Hexachloroethane
Concen: 47.780 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



Tgt Ion:117 Resp: 150932

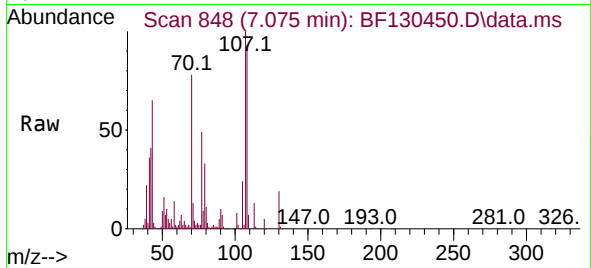
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.8	116.6
201	99.5	68.7	103.1





#19
n-Nitroso-di-n-propylamine
Concen: 43.561 ng
RT: 7.075 min Scan# 847
Delta R.T. 0.006 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

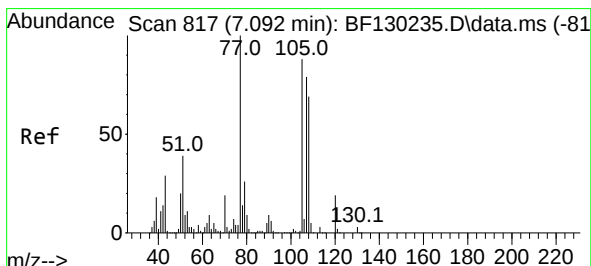
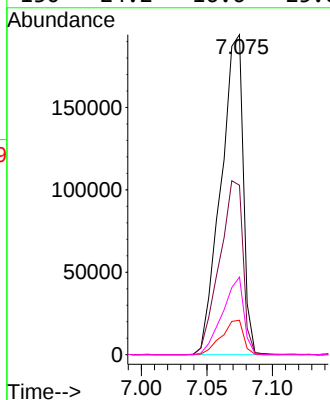
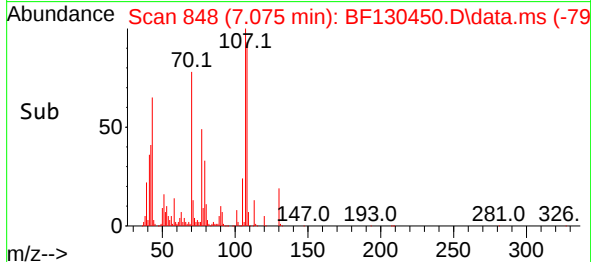
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



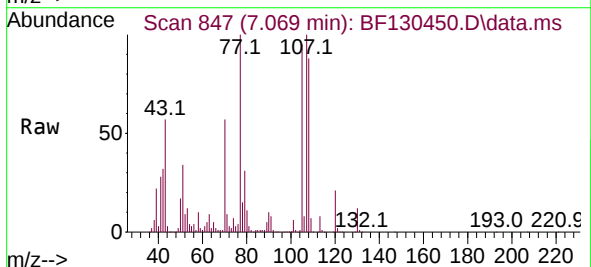
Tgt Ion: 70 Resp: 230590
Ion Ratio Lower Upper
70 100
42 52.9 50.8 76.2
101 10.7 8.2 12.4
130 24.2 16.6 25.0

Manual Integrations
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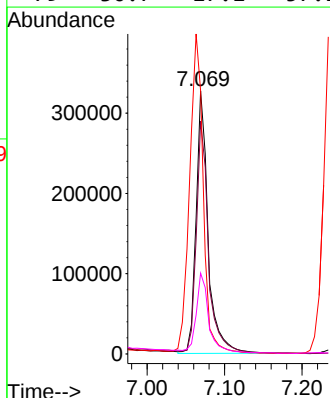
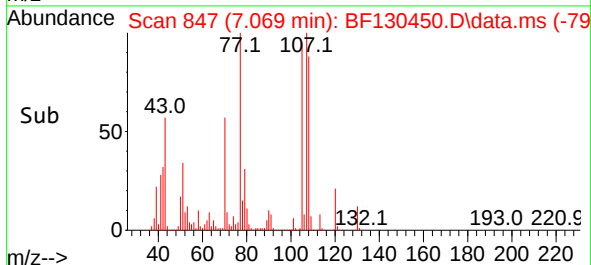
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

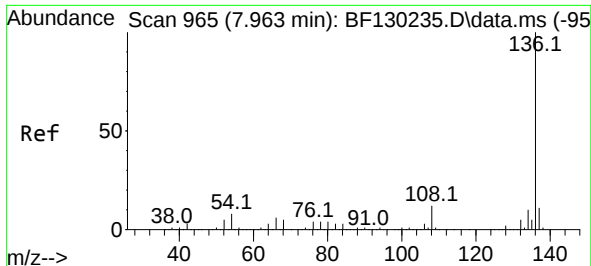


#20
3+4-Methylphenols
Concen: 46.882 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



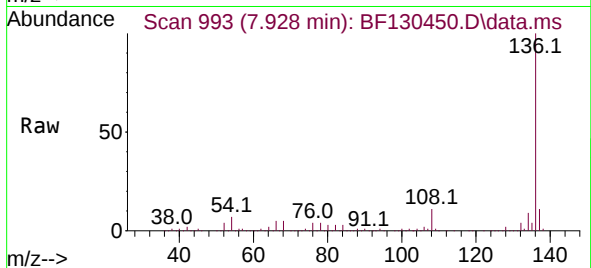
Tgt Ion:107 Resp: 353579
Ion Ratio Lower Upper
107 100
108 88.4 74.8 114.8
77 100.1 125.8 165.8#
79 30.7 17.1 57.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.928 min Scan# 94
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

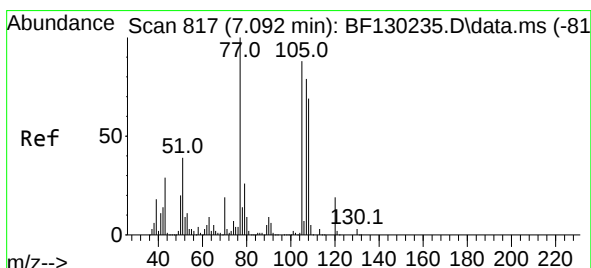
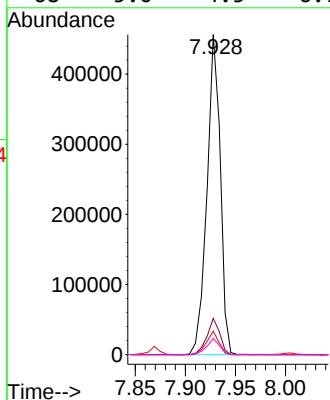
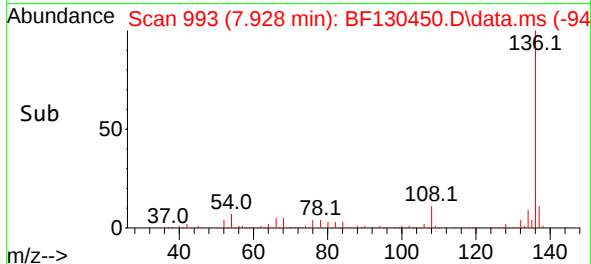
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



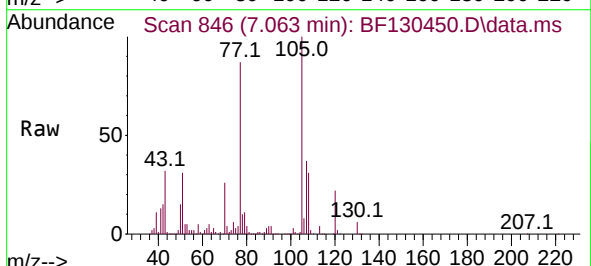
Tgt Ion:136 Resp: 420014
Ion Ratio Lower Upper
136 100
137 11.3 9.1 13.7
54 7.3 7.1 10.7
68 5.0 4.5 6.7

Manual Integrations
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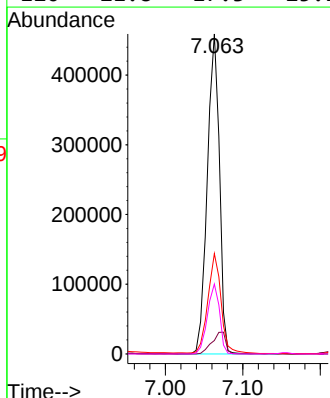
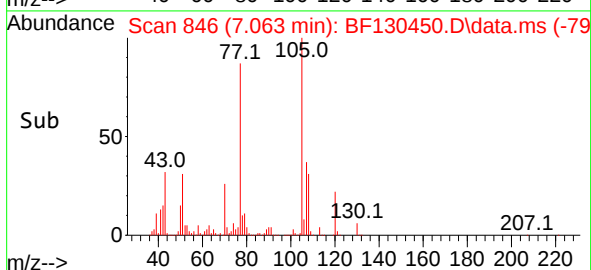
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

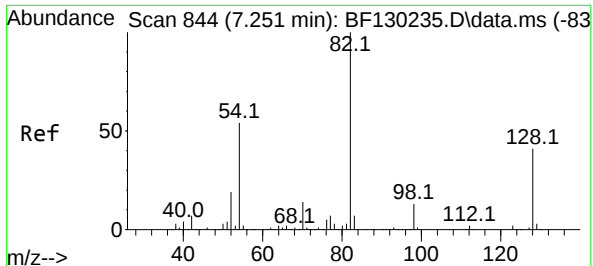


#22
Acetophenone
Concen: 48.639 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



Tgt Ion:105 Resp: 499461
Ion Ratio Lower Upper
105 100
71 4.2 3.9 5.9
51 31.3 32.2 48.2#
120 21.8 17.3 25.9





#23

Nitrobenzene-d5

Concen: 74.121 ng

RT: 7.216 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

Instrument :

BNA_F

ClientSampleId :

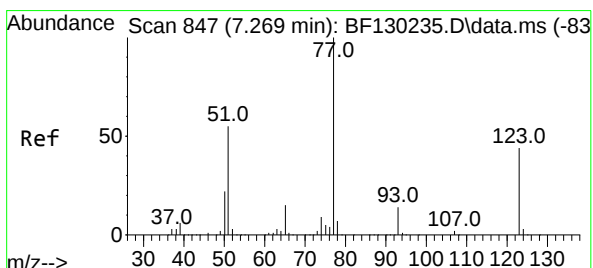
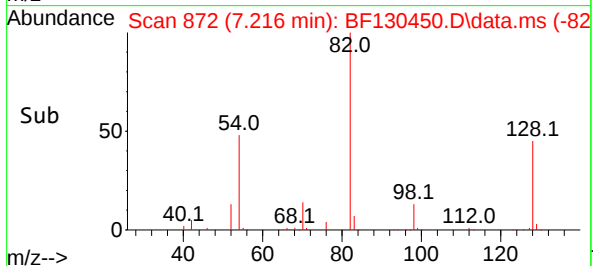
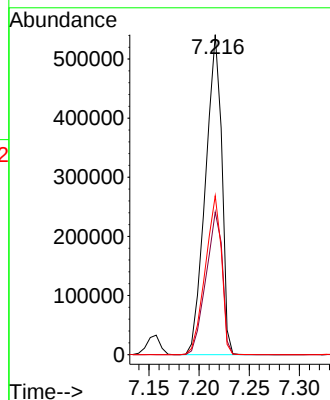
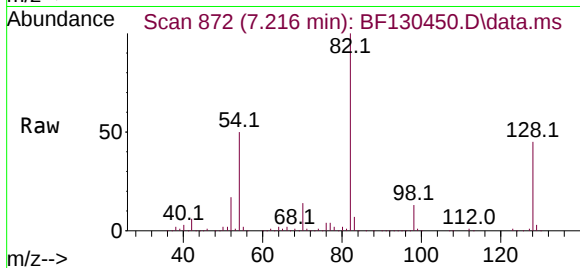
SAND-FILTER-1MS

Tgt Ion: 82 Resp: 609374
 Ion Ratio Lower Upper
 82 100
 128 44.6 32.6 49.0
 54 49.6 43.8 65.6

Manual Integrations

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Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#24

Nitrobenzene

Concen: 42.626 ng

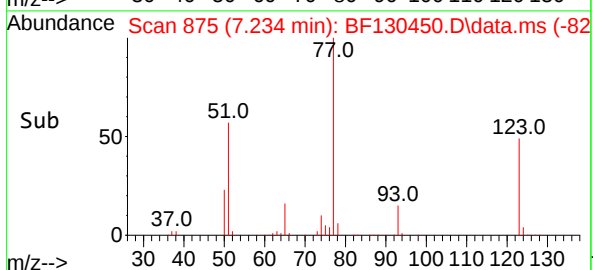
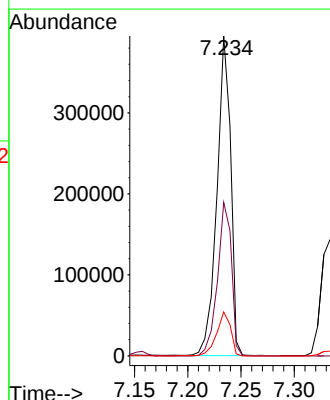
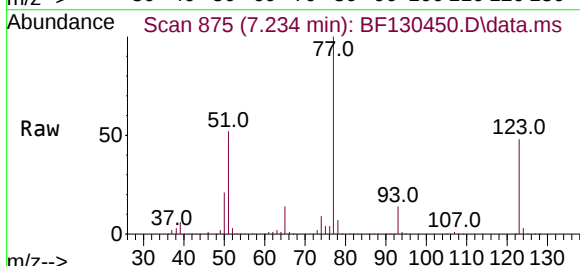
RT: 7.234 min Scan# 875

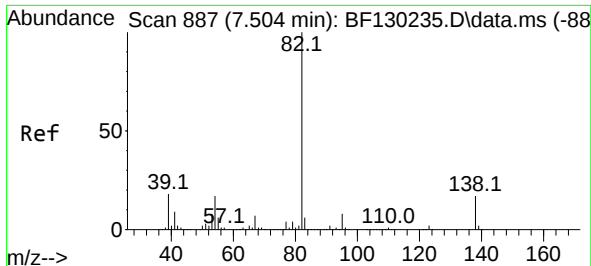
Delta R.T. 0.000 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

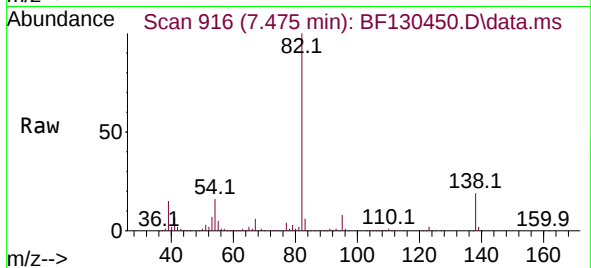
Tgt Ion: 77 Resp: 355836
 Ion Ratio Lower Upper
 77 100
 123 48.0 34.3 51.5
 65 13.7 12.0 18.0





#25
Isophorone
Concen: 47.210 ng
RT: 7.475 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

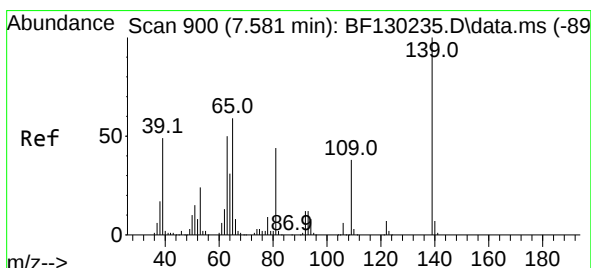
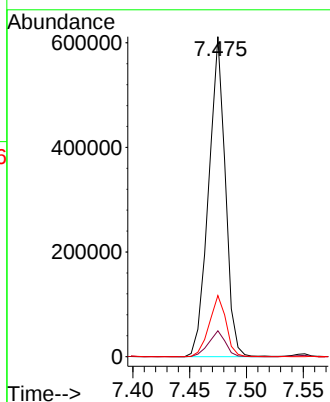
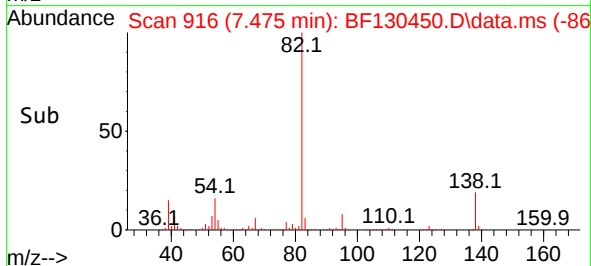
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion: 82 Resp: 625573
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 19.1 13.8 20.6

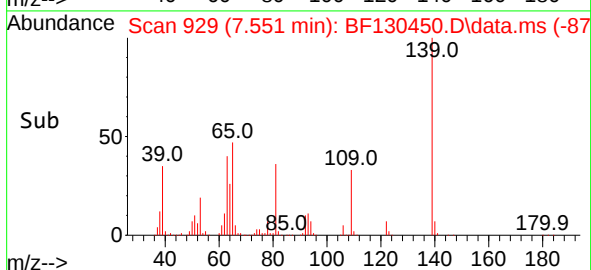
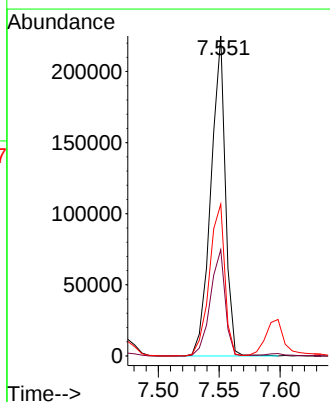
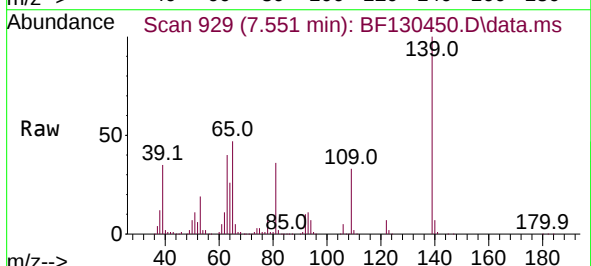
Manual Integrations
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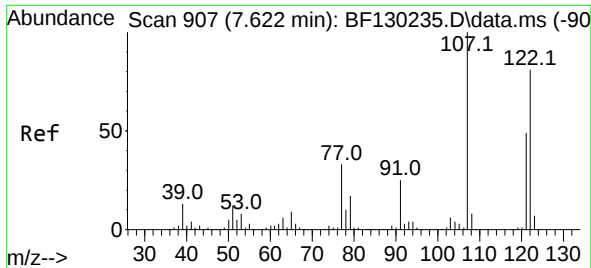
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#26
2-Nitrophenol
Concen: 54.492 ng
RT: 7.551 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

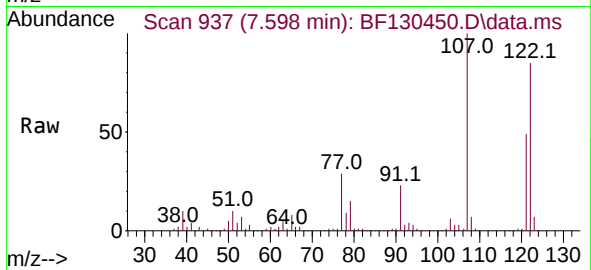
Tgt Ion:139 Resp: 186475
Ion Ratio Lower Upper
139 100
109 33.2 30.2 45.4
65 47.4 48.9 73.3





#27
2,4-Dimethylphenol
Concen: 52.994 ng
RT: 7.598 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

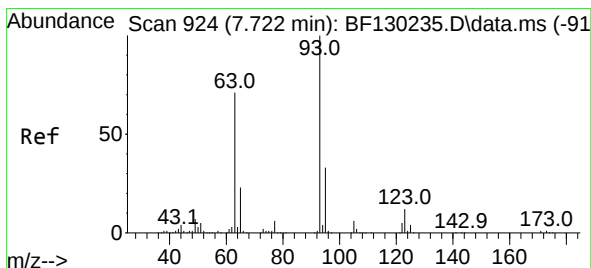
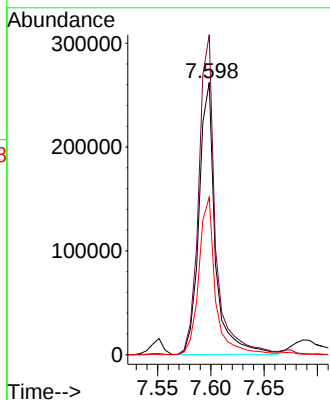
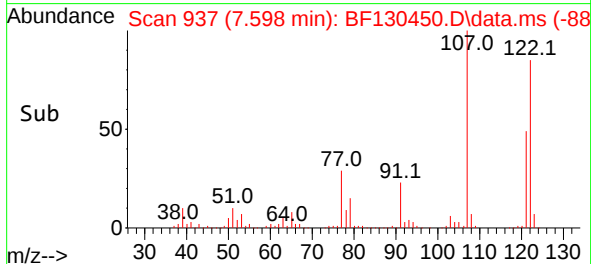
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:122 Resp: 279232
Ion Ratio Lower Upper
122 100
107 117.5 100.2 150.2
121 57.8 47.8 71.8

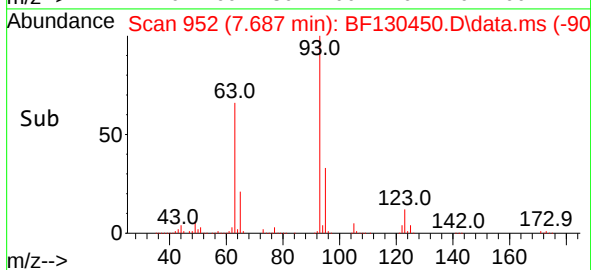
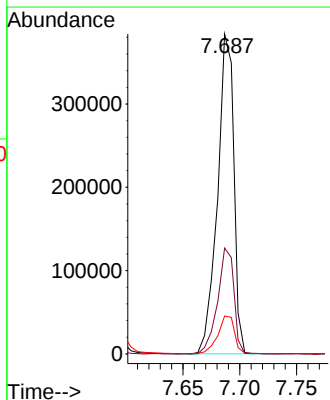
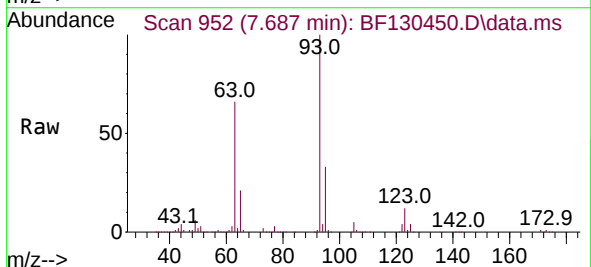
Manual Integrations
APPROVED

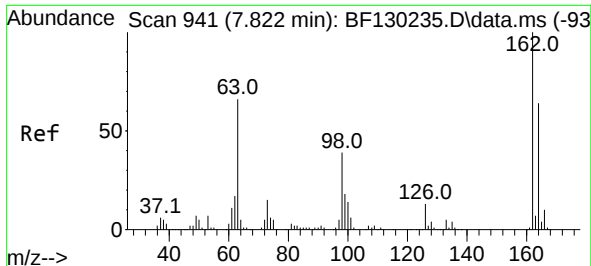
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#28
bis(2-Chloroethoxy)methane
Concen: 51.272 ng
RT: 7.687 min Scan# 952
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

Tgt Ion: 93 Resp: 382558
Ion Ratio Lower Upper
93 100
95 33.1 26.3 39.5
123 11.8 9.4 14.2





#29

2,4-Dichlorophenol

Concen: 49.813 ng

RT: 7.792 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:162 Resp: 287623

Ion Ratio Lower Upper

162 100

164 64.1 42.2 82.2

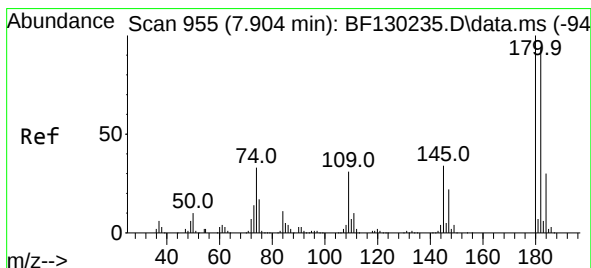
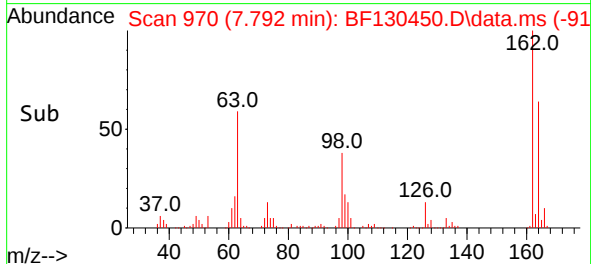
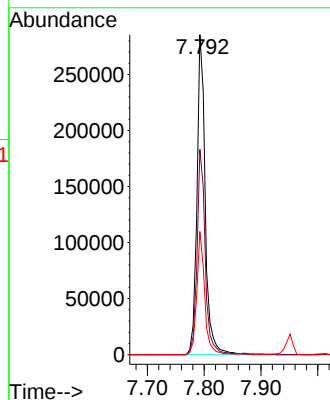
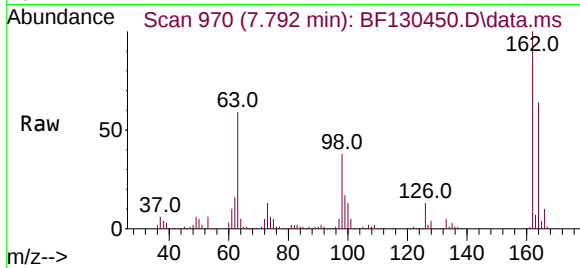
98 38.5 21.7 61.7

Manual Integrations

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Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#30

1,2,4-Trichlorobenzene

Concen: 49.273 ng

RT: 7.875 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

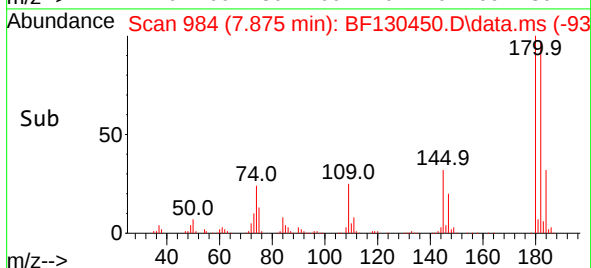
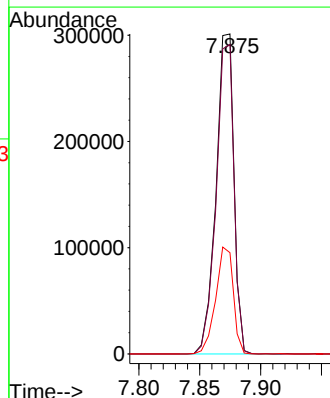
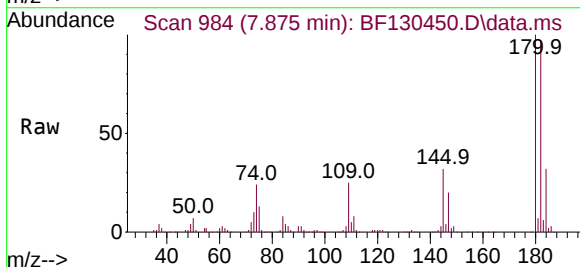
Tgt Ion:180 Resp: 307593

Ion Ratio Lower Upper

180 100

182 96.7 73.3 109.9

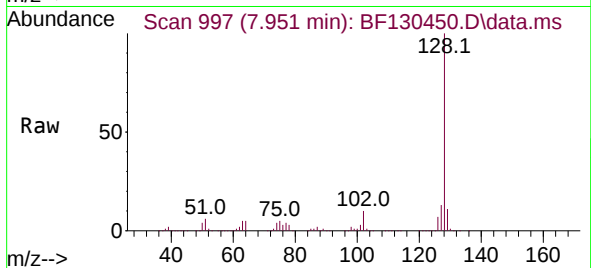
145 31.6 28.3 42.5





#31
Naphthalene
Concen: 45.987 ng
RT: 7.951 min Scan# 995
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

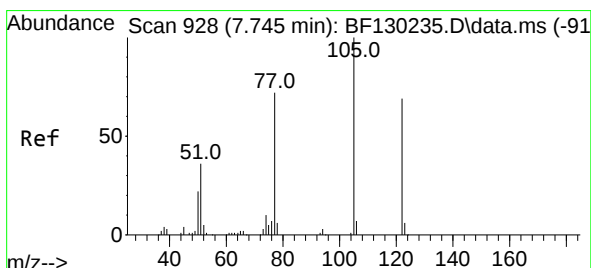
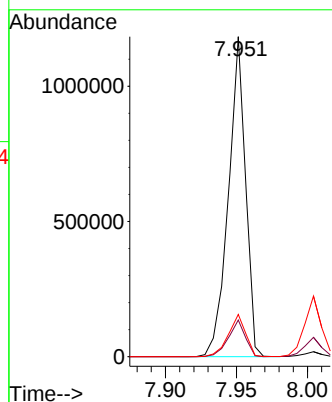
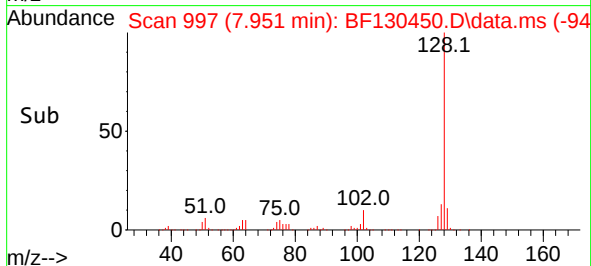
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:128 Resp: 995096
Ion Ratio Lower Upper
128 100
129 11.4 9.1 13.7
127 13.2 10.6 16.0

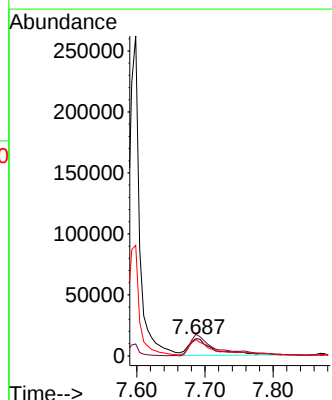
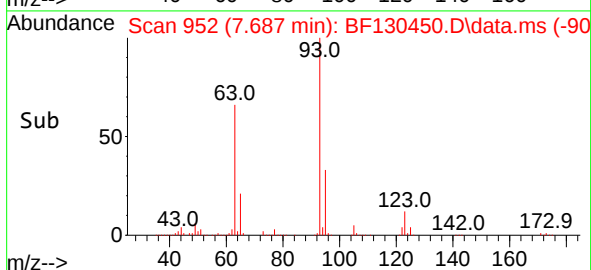
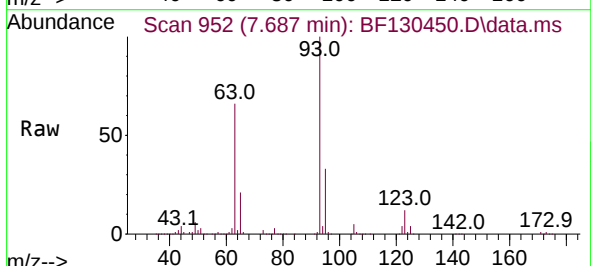
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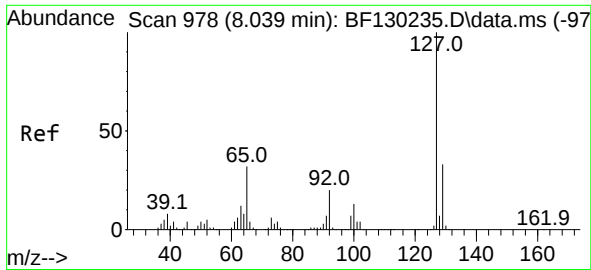
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#32
Benzoic acid
Concen: 8.905 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.047 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

Tgt Ion:122 Resp: 36285
Ion Ratio Lower Upper
122 100
105 124.4 112.9 152.9
77 94.2 82.8 122.8





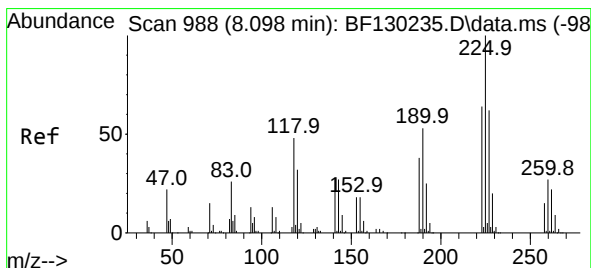
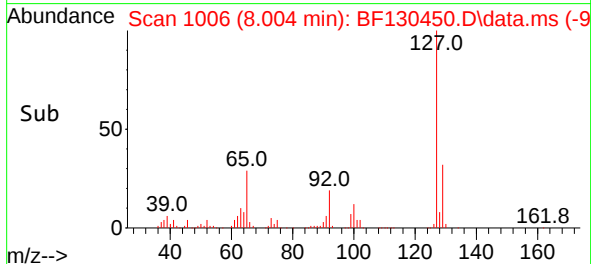
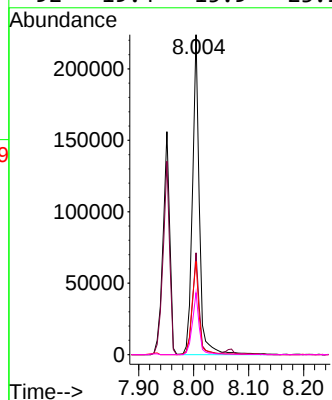
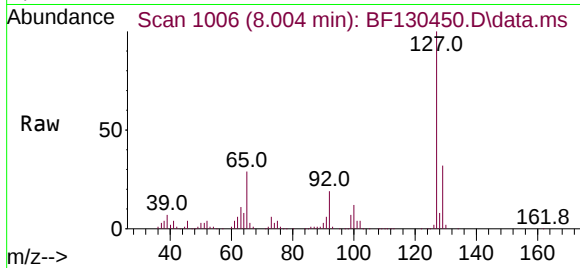
#33
4-Chloroaniline
Concen: 23.994 ng
RT: 8.004 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS

Tgt Ion:	127	Resp:	197469
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.6	38.4
65	29.1	27.0	40.6
92	19.4	15.9	23.9

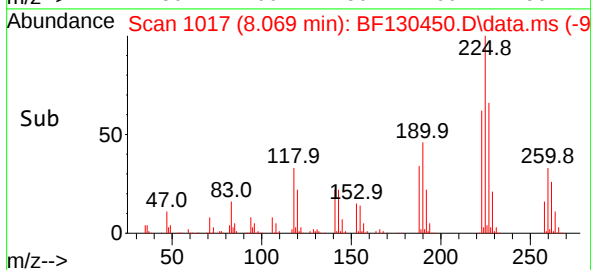
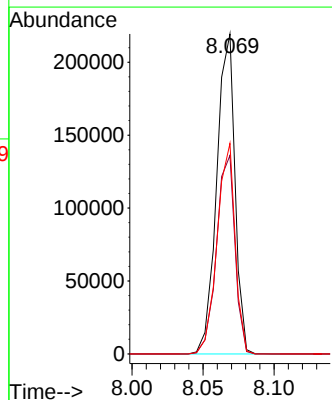
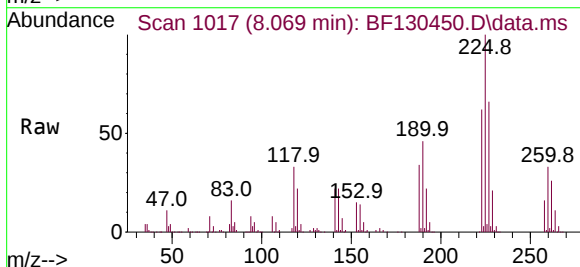
Manual Integrations
APPROVED

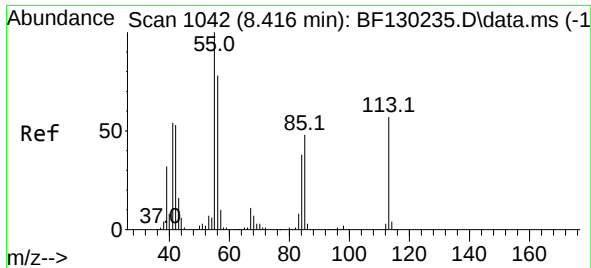
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#34
Hexachlorobutadiene
Concen: 49.294 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

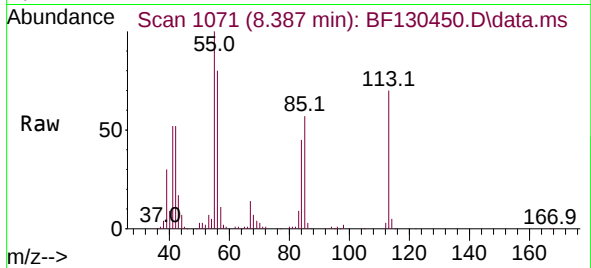
Tgt Ion:	225	Resp:	196664
Ion Ratio	Lower	Upper	
225	100		
223	62.0	50.3	75.5
227	65.8	51.1	76.7





#35
 Caprolactam
 Concen: 44.385 ng m
 RT: 8.387 min Scan# 1071
 Delta R.T. 0.000 min
 Lab File: BF130450.D
 Acq: 28 Sep 2022 16:13

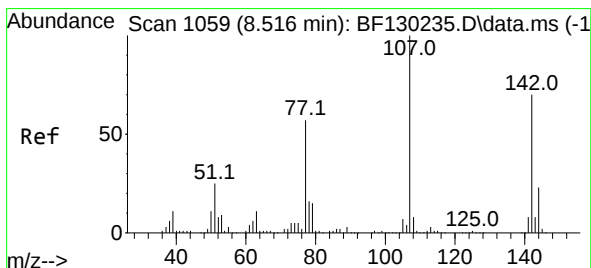
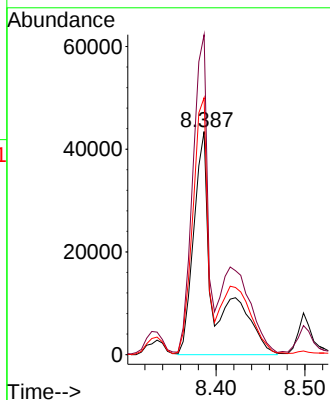
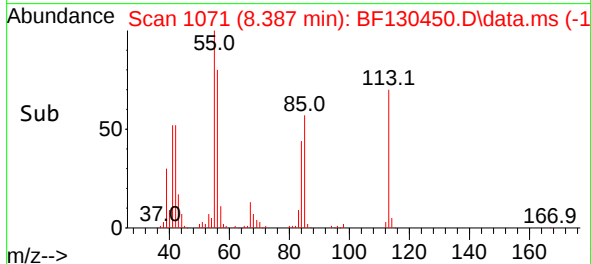
Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-1MS



Tgt Ion:113 Resp: 73470
 Ion Ratio Lower Upper
 113 100
 55 143.5 155.4 195.4
 56 115.2 120.4 160.4

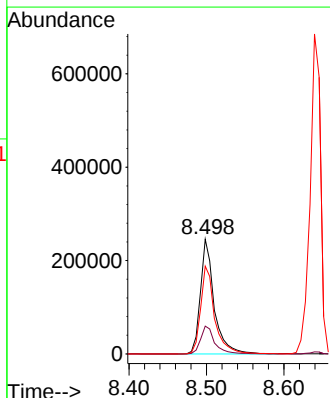
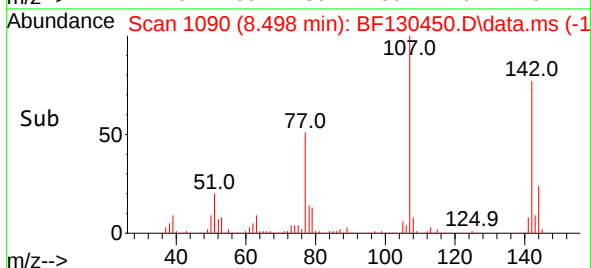
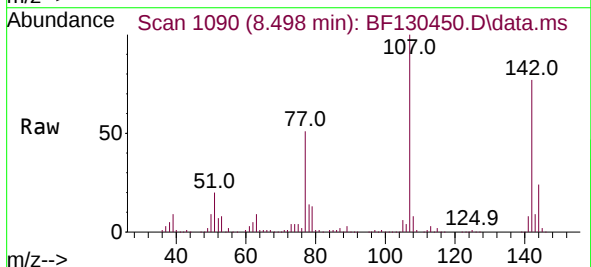
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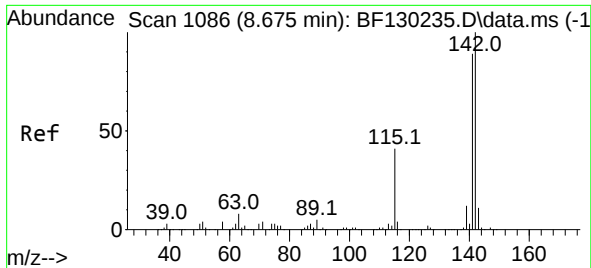
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022



#36
 4-Chloro-3-methylphenol
 Concen: 47.300 ng
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF130450.D
 Acq: 28 Sep 2022 16:13

Tgt Ion:107 Resp: 302723
 Ion Ratio Lower Upper
 107 100
 144 24.3 20.0 30.0
 142 76.6 61.3 91.9





#37

2-Methylnaphthalene

Concen: 46.753 ng

RT: 8.639 min Scan# 1114

Delta R.T. 0.000 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:142 Resp: 645026

Ion Ratio Lower Upper

142 100

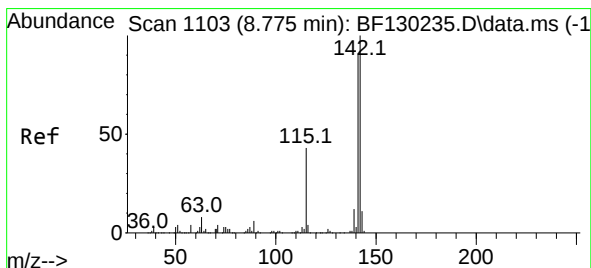
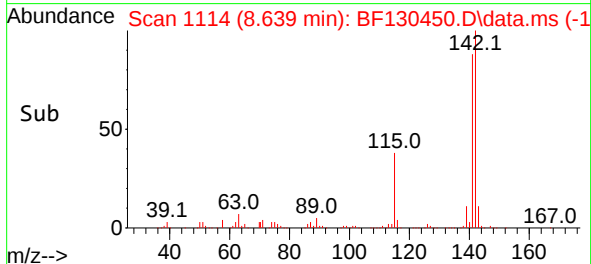
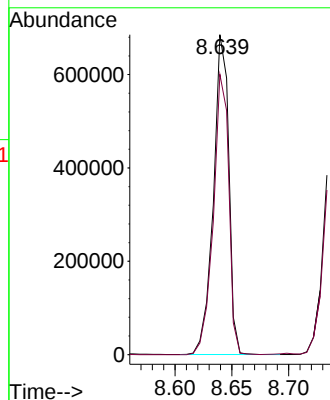
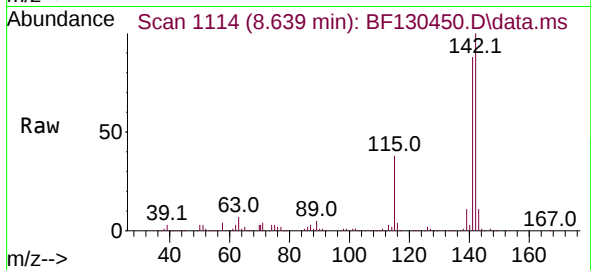
141 87.6 70.0 105.0

Manual Integrations

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Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#38

1-Methylnaphthalene

Concen: 46.188 ng

RT: 8.739 min Scan# 1131

Delta R.T. 0.000 min

Lab File: BF130450.D

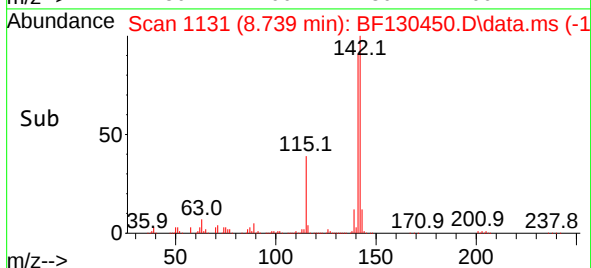
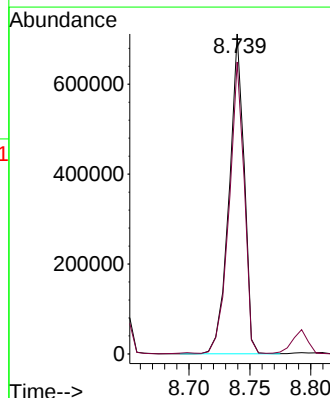
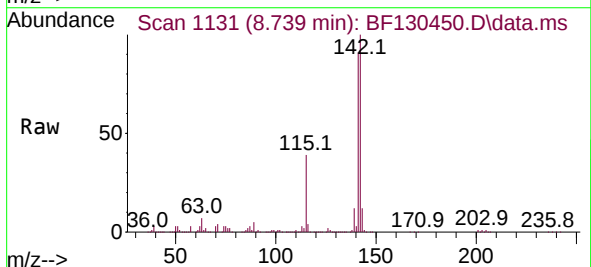
Acq: 28 Sep 2022 16:13

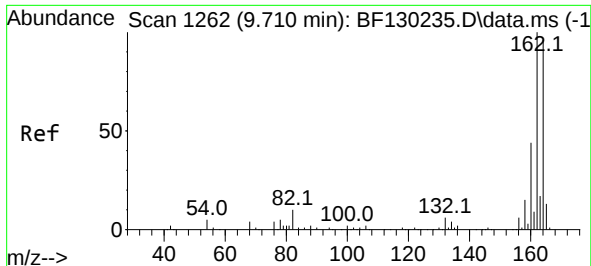
Tgt Ion:142 Resp: 612159

Ion Ratio Lower Upper

142 100

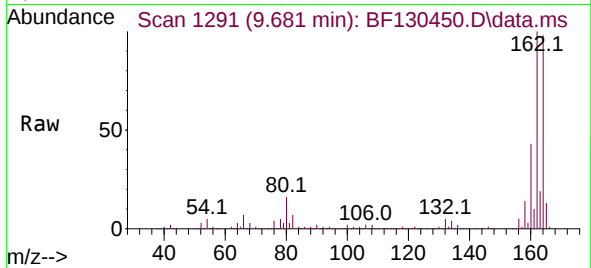
141 91.2 73.8 110.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.681 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

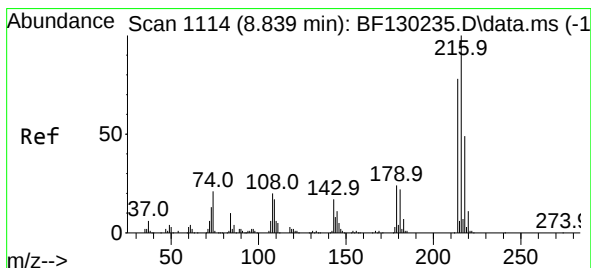
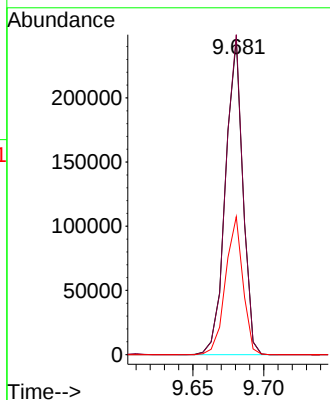
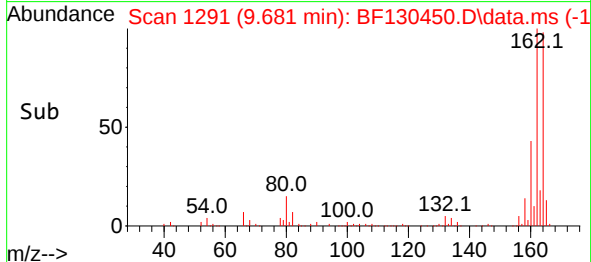
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



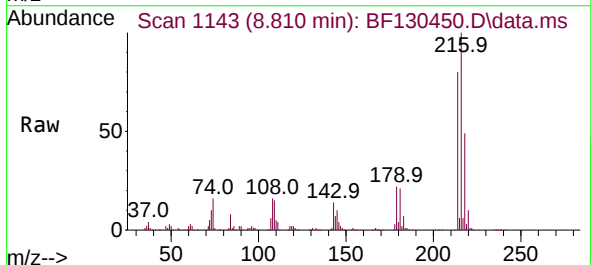
Tgt Ion:164 Resp: 209366
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 43.8 36.2 54.4

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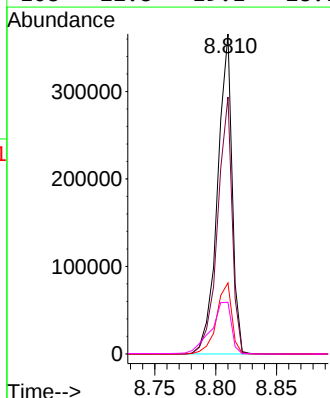
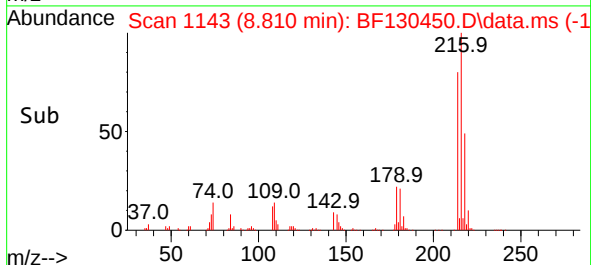
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.172 ng
RT: 8.810 min Scan# 1143
Delta R.T. 0.006 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



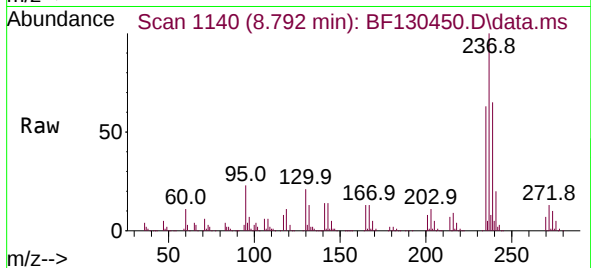
Tgt Ion:216 Resp: 303811
Ion Ratio Lower Upper
216 100
214 79.5 62.8 94.2
179 23.1 19.5 29.3
108 22.8 19.1 28.7





#41
Hexachlorocyclopentadiene
Concen: 112.676 ng
RT: 8.792 min Scan# 1112
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

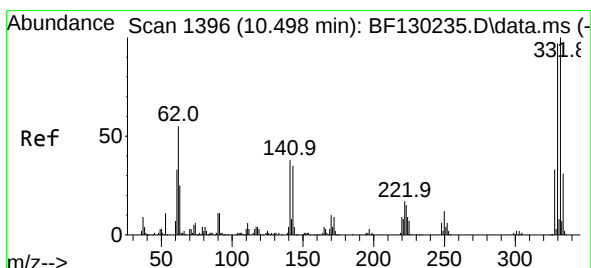
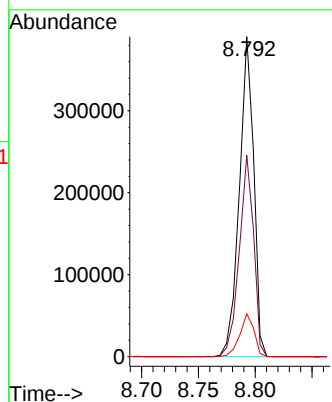
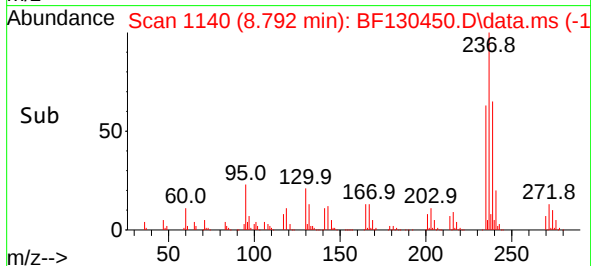
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



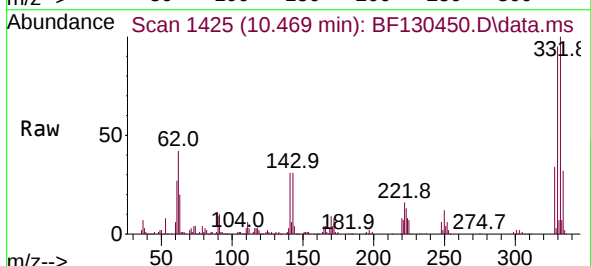
Tgt Ion: 237 Resp: 344683
Ion Ratio Lower Upper
237 100
235 62.9 42.5 82.5
272 13.4 0.0 32.8

Manual Integrations
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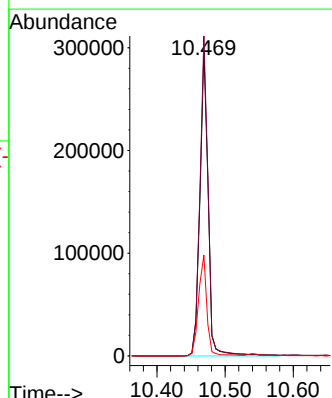
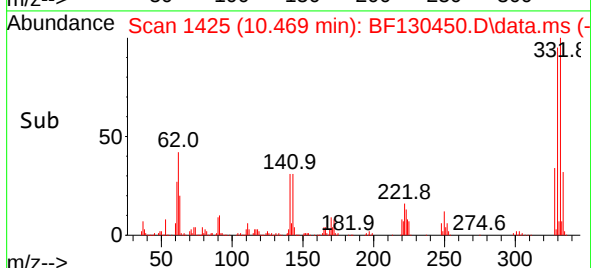
Reviewed By : Christian Giraldo 09/29/2022
Supervised By : Jagrut Upadhyay 09/29/2022

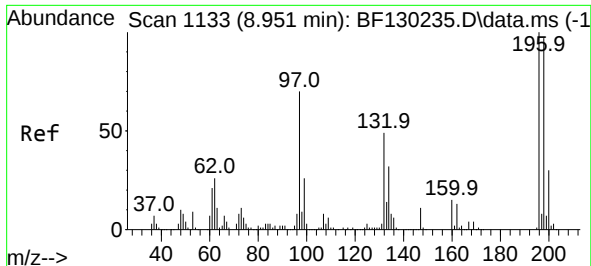


#42
2,4,6-Tribromophenol
Concen: 124.898 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



Tgt Ion: 330 Resp: 250561
Ion Ratio Lower Upper
330 100
332 104.3 83.4 125.2
141 33.5 34.0 51.0#





#43

2,4,6-Trichlorophenol

Concen: 46.265 ng

RT: 8.922 min Scan# 1162

Delta R.T. 0.000 min

Lab File: BF130450.D

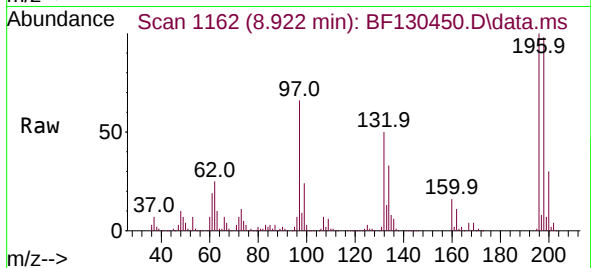
Acq: 28 Sep 2022 16:13

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MS



Tgt Ion:196 Resp: 184489

Ion Ratio Lower Upper

196 100

198 98.3 72.4 108.6

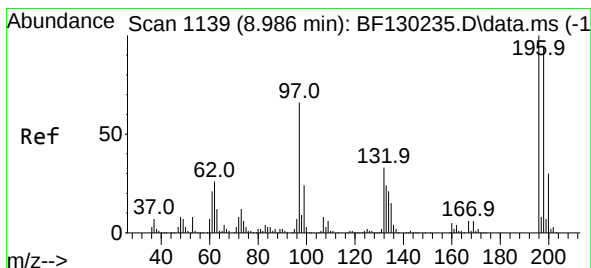
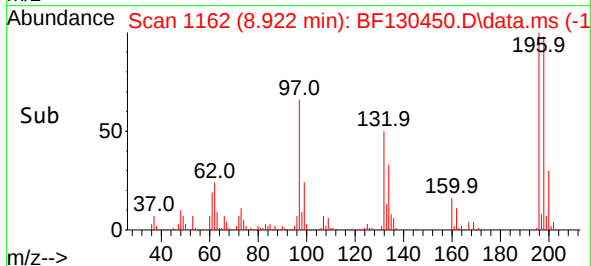
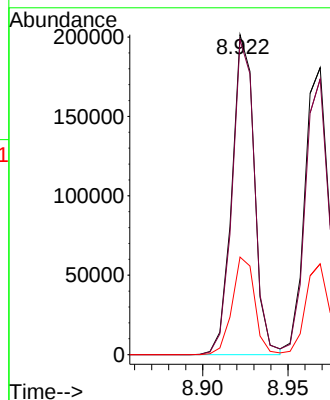
200 30.5 23.8 35.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#44

2,4,5-Trichlorophenol

Concen: 47.463 ng

RT: 8.969 min Scan# 1170

Delta R.T. 0.006 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

Tgt Ion:196 Resp: 204237

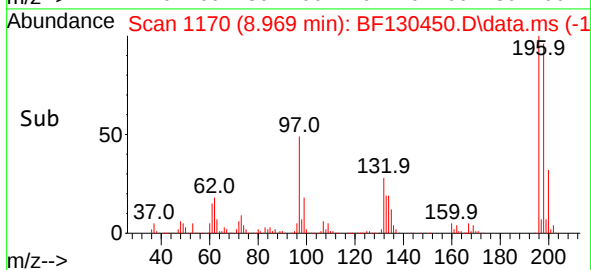
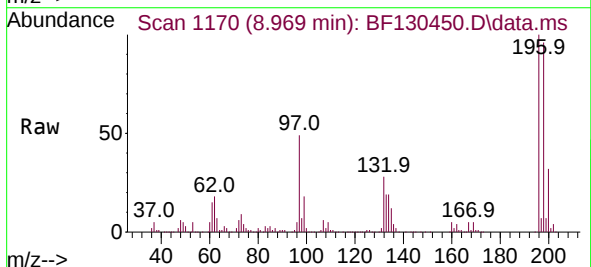
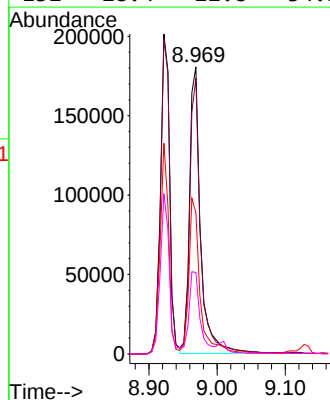
Ion Ratio Lower Upper

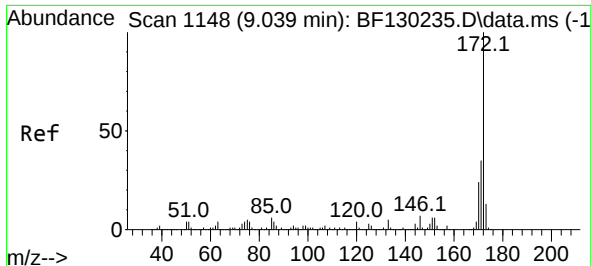
196 100

198 96.0 74.8 112.2

97 49.2 43.7 65.5

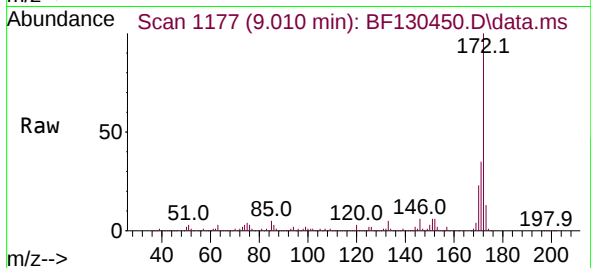
132 28.4 22.8 34.2





#45
2-Fluorobiphenyl
Concen: 82.943 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

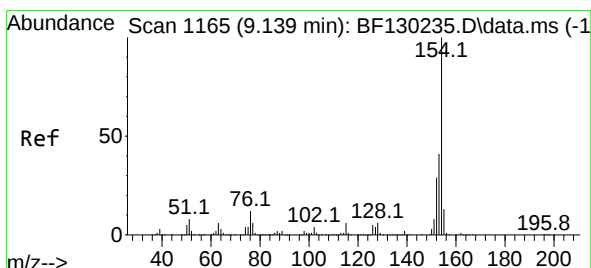
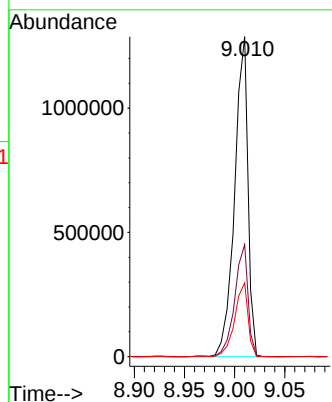
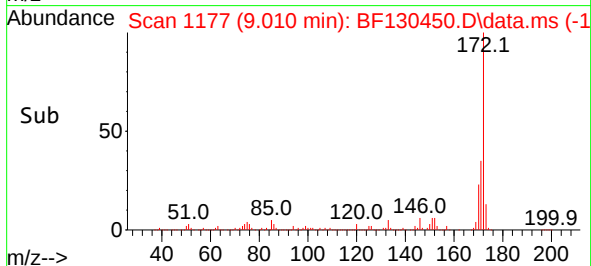
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



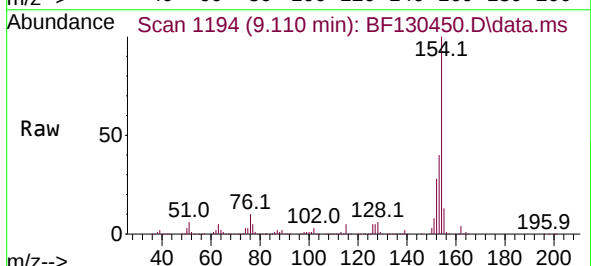
Tgt Ion:172 Resp: 1192519
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 23.0 18.7 28.1

Manual Integrations
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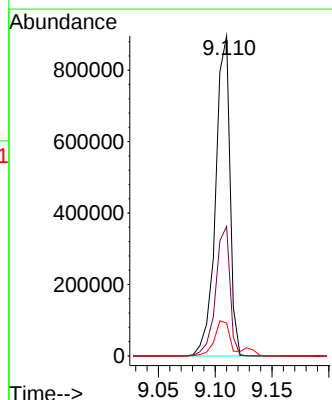
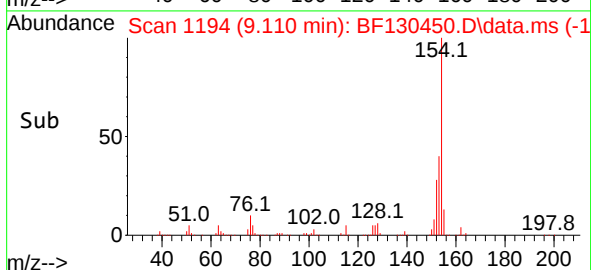
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

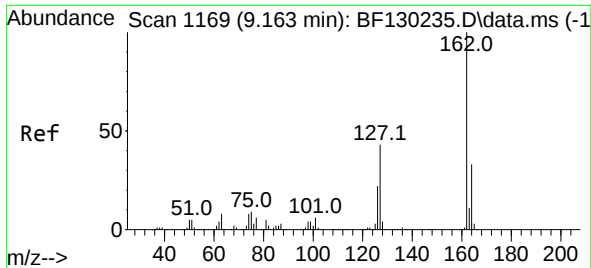


#46
1,1'-Biphenyl
Concen: 50.175 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



Tgt Ion:154 Resp: 784563
Ion Ratio Lower Upper
154 100
153 40.5 20.0 60.0
76 10.3 0.0 33.3





#47

2-Chloronaphthalene

Concen: 48.653 ng

RT: 9.128 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MS

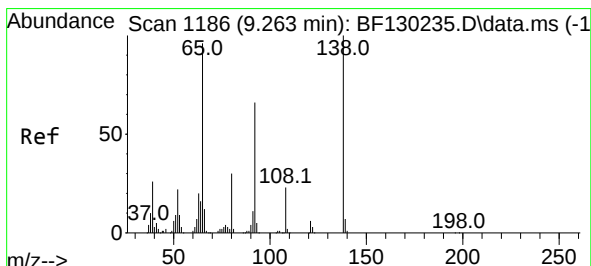
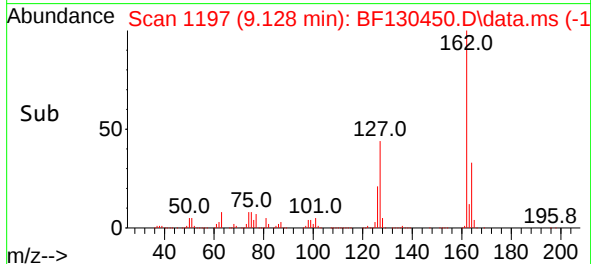
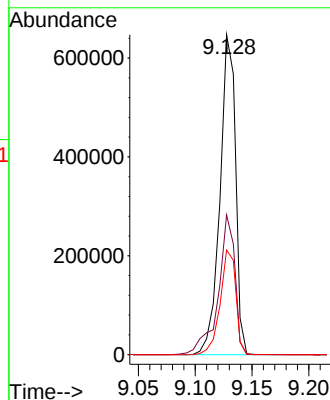
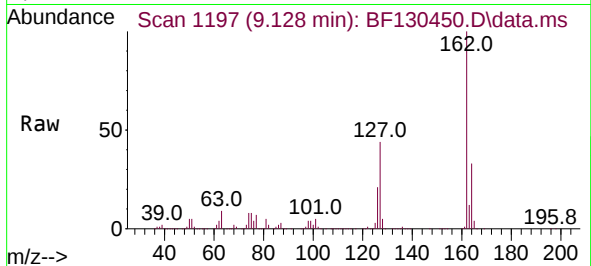
Tgt Ion:162 Resp: 615409
 Ion Ratio Lower Upper
 162 100
 127 43.7 35.9 53.9
 164 32.7 26.2 39.2

Manual Integrations

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Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#48

2-Nitroaniline

Concen: 42.207 ng

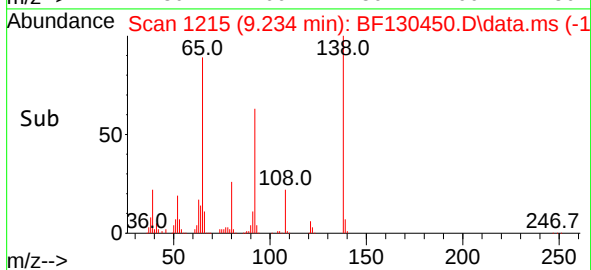
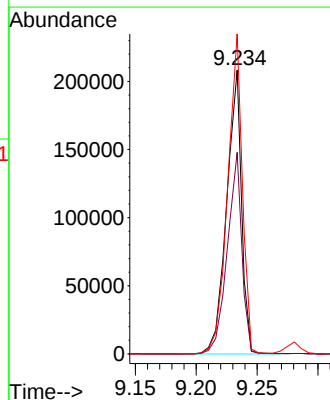
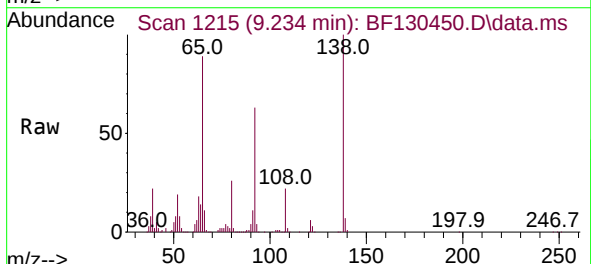
RT: 9.234 min Scan# 1215

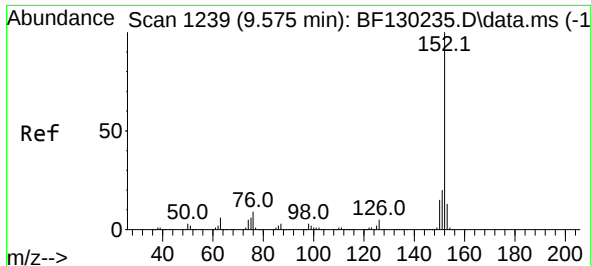
Delta R.T. 0.000 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

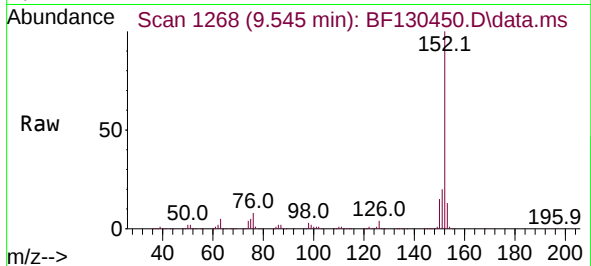
Tgt Ion: 65 Resp: 178062
 Ion Ratio Lower Upper
 65 100
 92 71.0 52.2 78.4
 138 112.7 77.0 115.4





#49
Acenaphthylene
Concen: 47.369 ng
RT: 9.545 min Scan# 1239
Delta R.T. 0.006 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

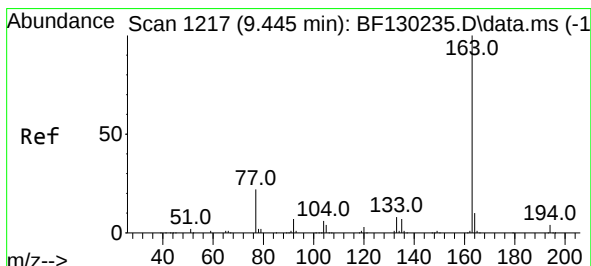
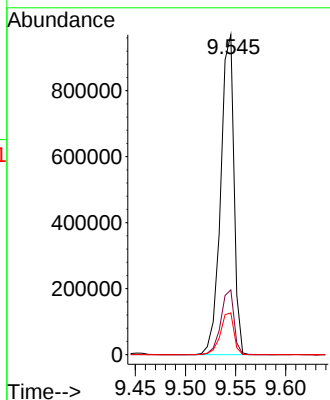
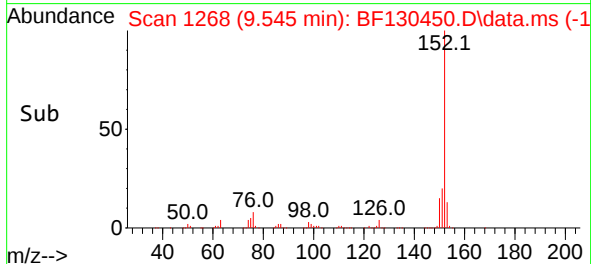
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



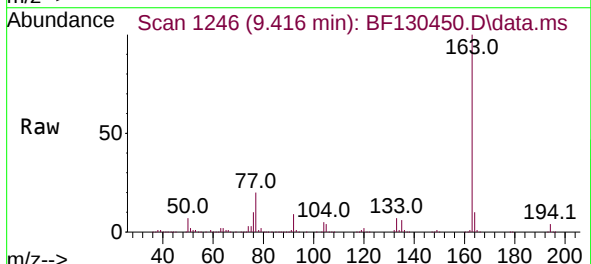
Tgt Ion:152 Resp: 898352
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.0 10.6 15.8

Manual Integrations
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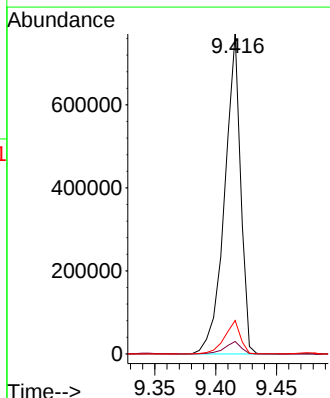
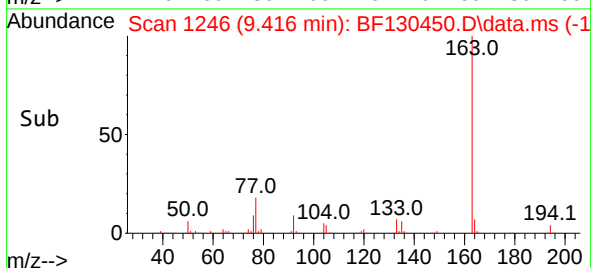
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

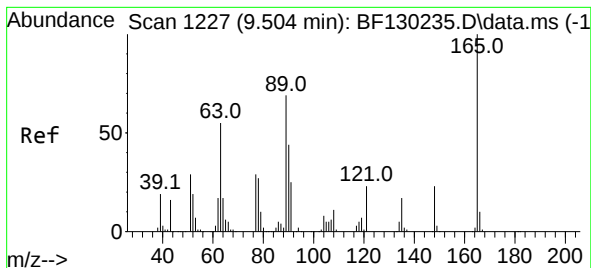


#50
Dimethylphthalate
Concen: 48.484 ng
RT: 9.416 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



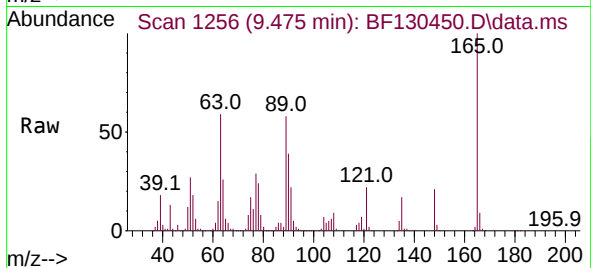
Tgt Ion:163 Resp: 701175
Ion Ratio Lower Upper
163 100
194 3.9 2.8 4.2
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.724 ng
RT: 9.475 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

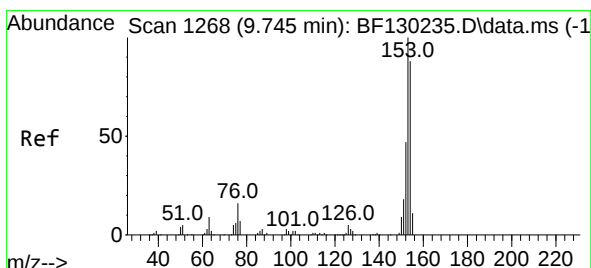
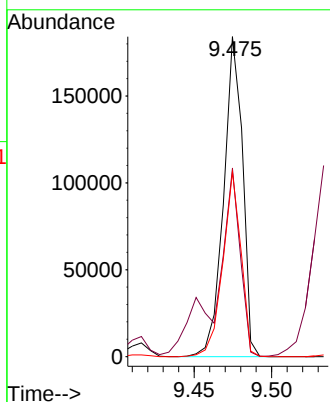
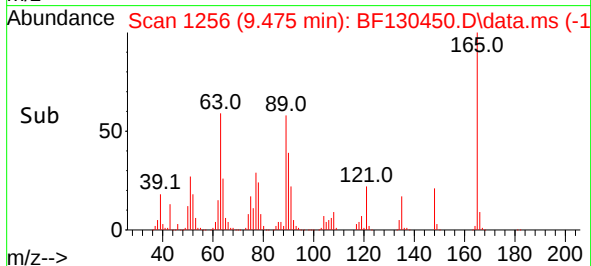
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



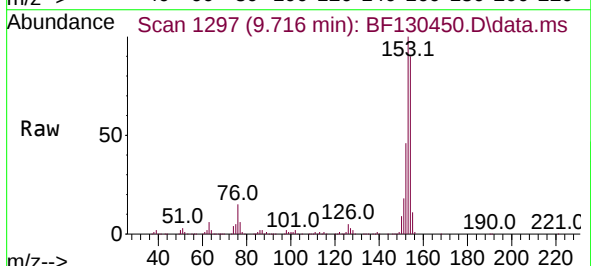
Tgt Ion:165 Resp: 156443
Ion Ratio Lower Upper
165 100
63 58.8 58.8 88.2
89 57.8 54.5 81.7

Manual Integrations
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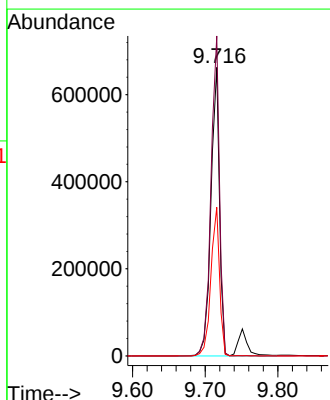
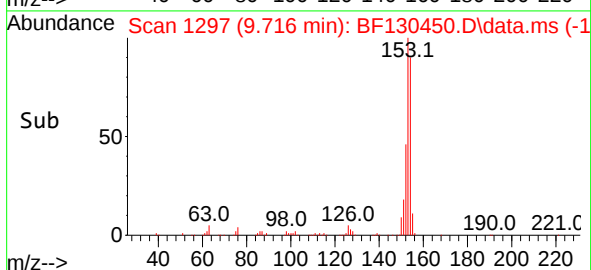
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

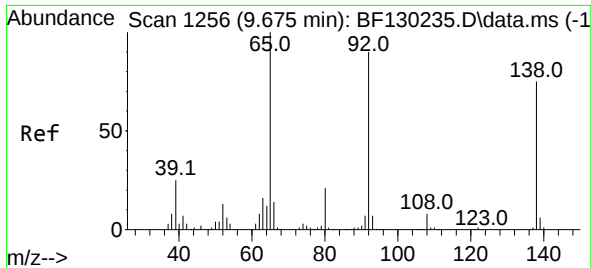


#52
Acenaphthene
Concen: 47.669 ng m
RT: 9.716 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



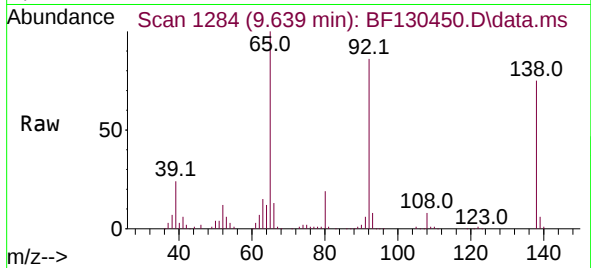
Tgt Ion:154 Resp: 593986
Ion Ratio Lower Upper
154 100
153 111.0 90.6 136.0
152 51.5 43.8 65.6





#53
3-Nitroaniline
Concen: 33.199 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

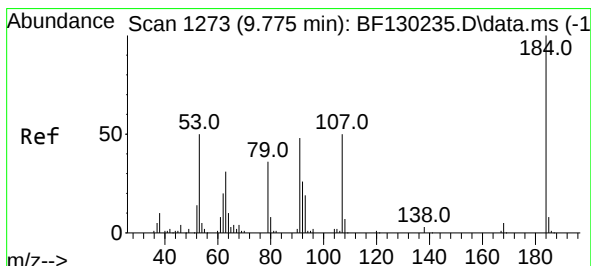
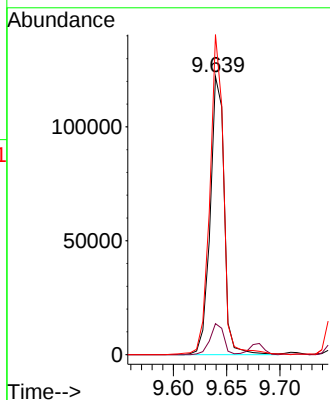
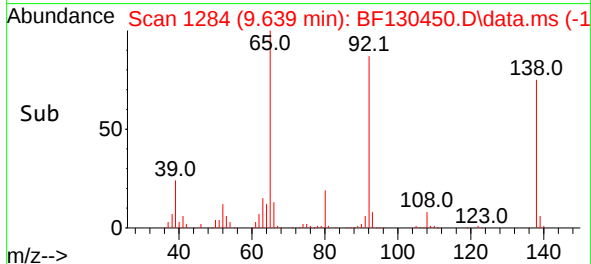
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



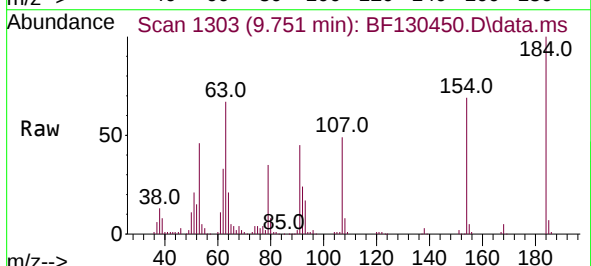
Tgt Ion:138 Resp: 111888
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 115.1 99.2 148.8

Manual Integrations
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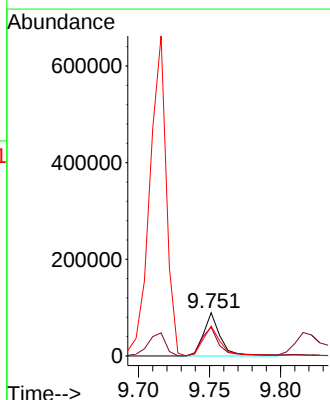
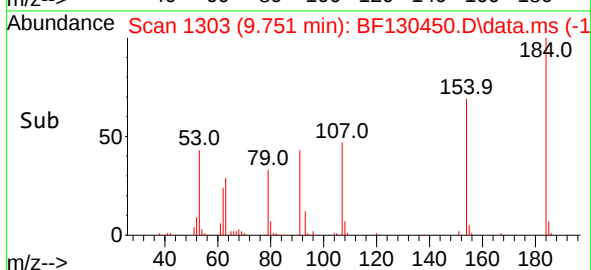
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

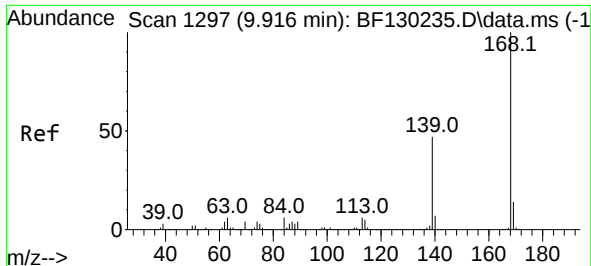


#54
2,4-Dinitrophenol
Concen: 47.529 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



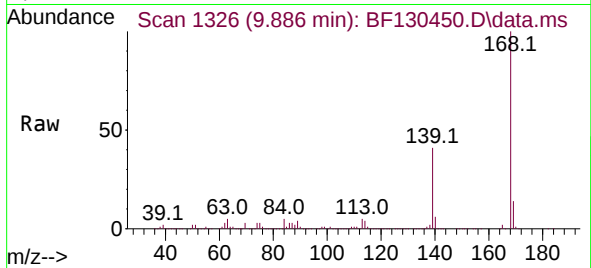
Tgt Ion:184 Resp: 73463
Ion Ratio Lower Upper
184 100
63 66.7 70.0 105.0#
154 69.4 63.0 94.6





#55
Dibenzofuran
Concen: 47.157 ng
RT: 9.886 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

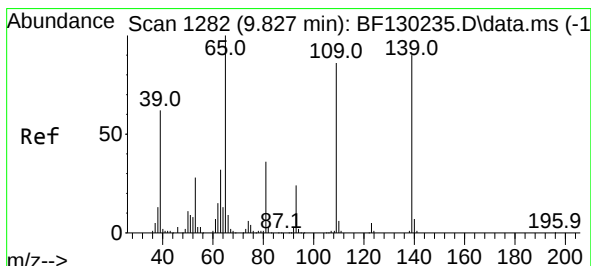
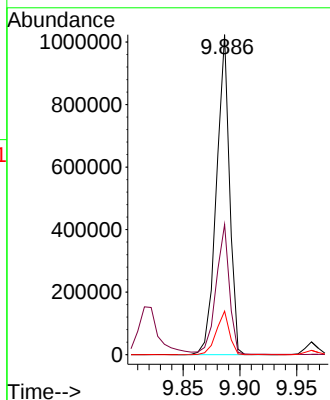
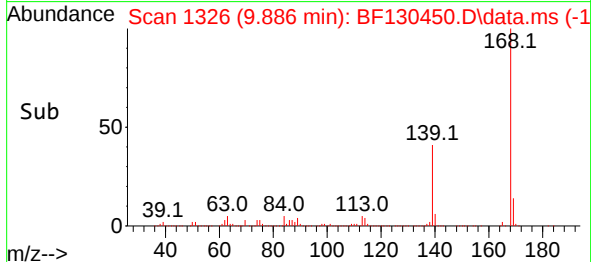
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:168 Resp: 817319
Ion Ratio Lower Upper
168 100
139 40.7 35.0 52.4
169 13.6 10.9 16.3

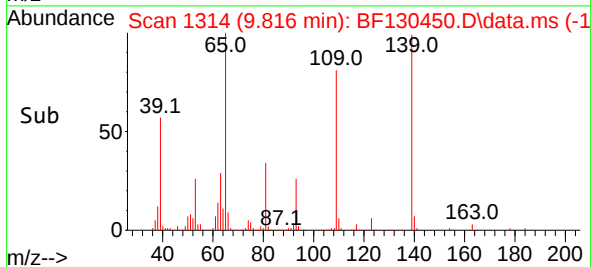
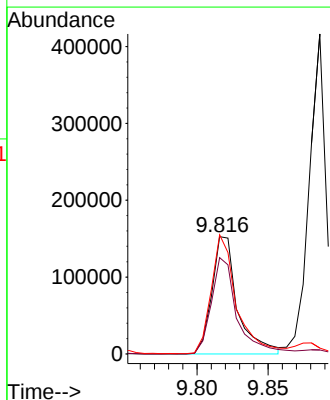
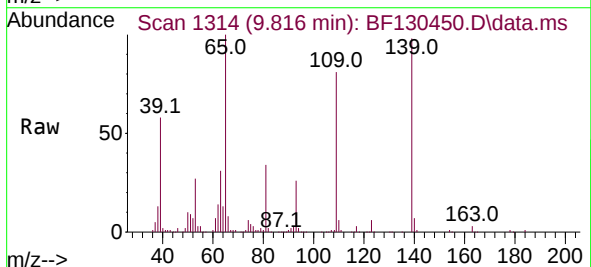
Manual Integrations
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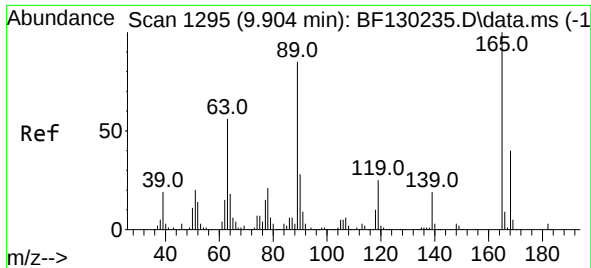
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#56
4-Nitrophenol
Concen: 78.486 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

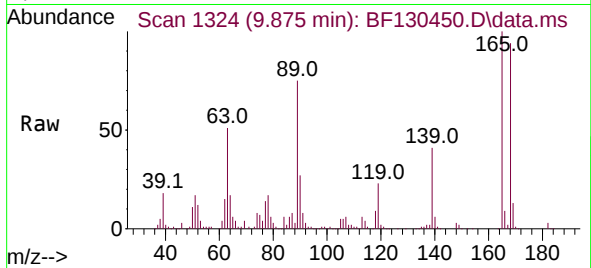
Tgt Ion:139 Resp: 192660
Ion Ratio Lower Upper
139 100
109 82.1 72.2 112.2
65 101.6 97.7 137.7





#57
2,4-Dinitrotoluene
Concen: 52.132 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

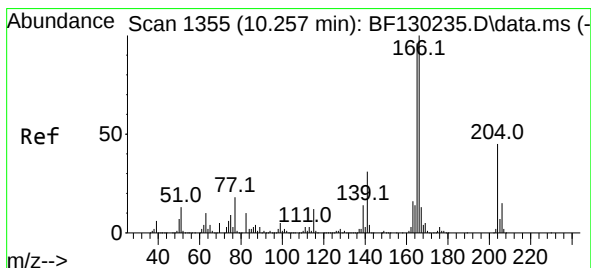
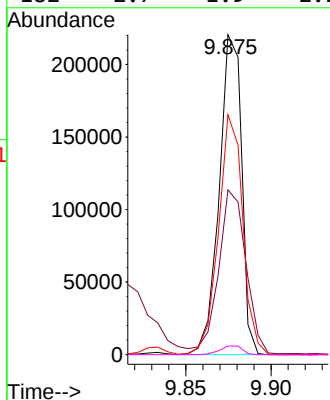
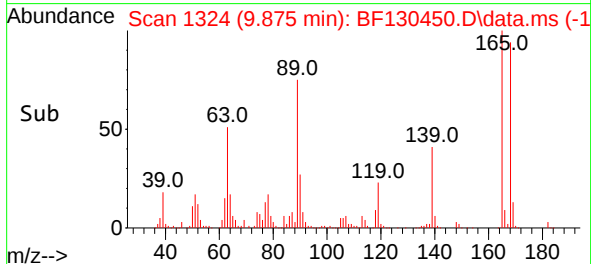
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



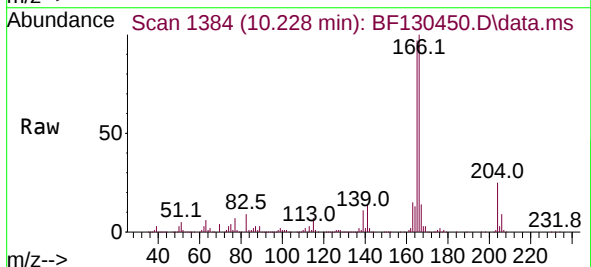
Tgt Ion:165 Resp: 201513
Ion Ratio Lower Upper
165 100
63 51.5 44.7 67.1
89 74.9 69.0 103.4
182 2.7 1.9 2.9

Manual Integrations
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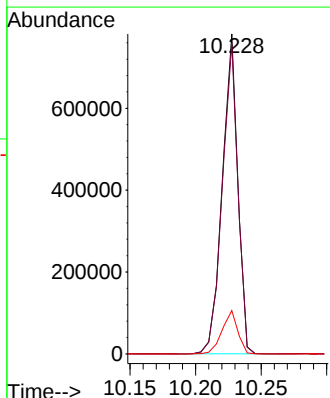
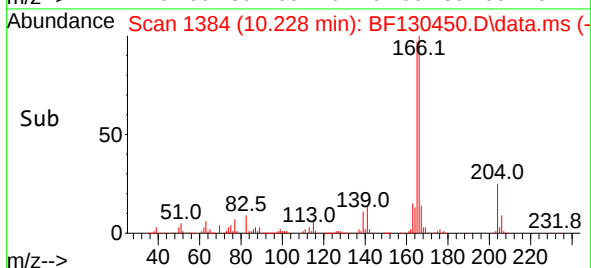
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

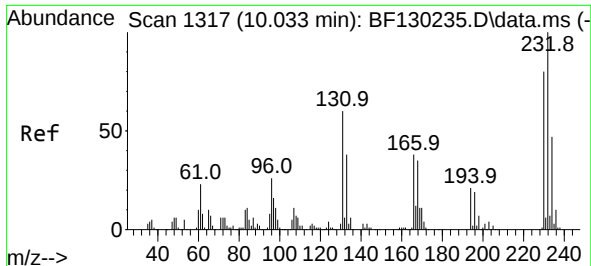


#58
Fluorene
Concen: 45.486 ng
RT: 10.228 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



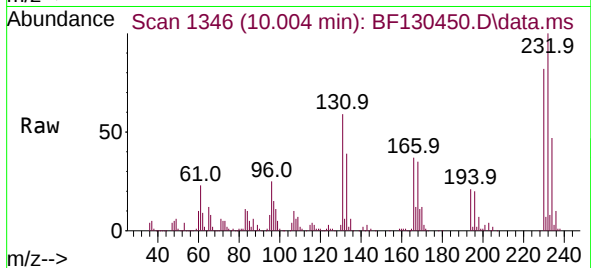
Tgt Ion:166 Resp: 644732
Ion Ratio Lower Upper
166 100
165 97.1 78.8 118.2
167 13.6 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.886 ng
RT: 10.004 min Scan# 1317
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

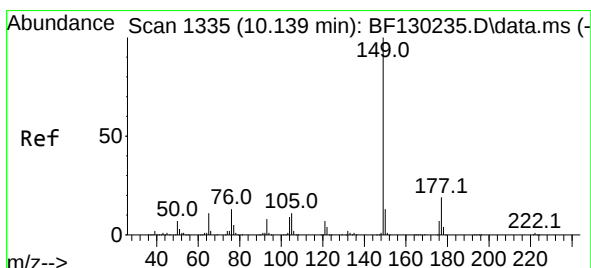
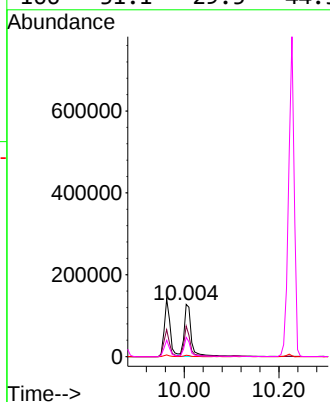
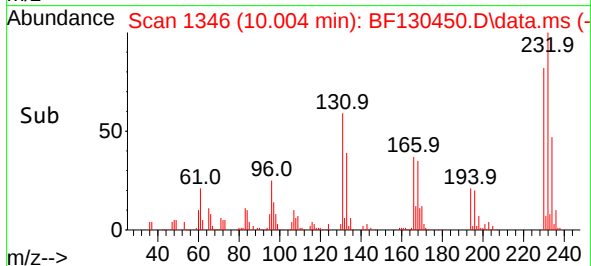
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:232 Resp: 137709
Ion Ratio Lower Upper
232 100
131 50.6 46.4 69.6
130 2.4 2.3 3.5
166 31.1 29.5 44.3

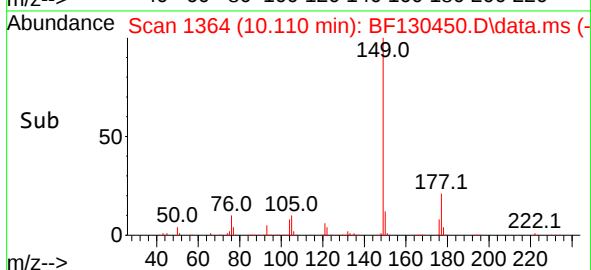
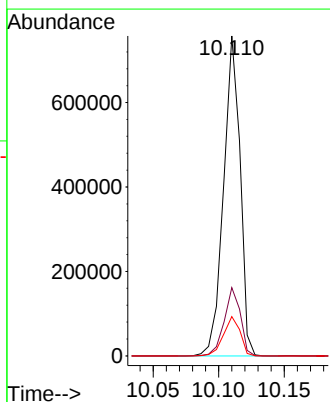
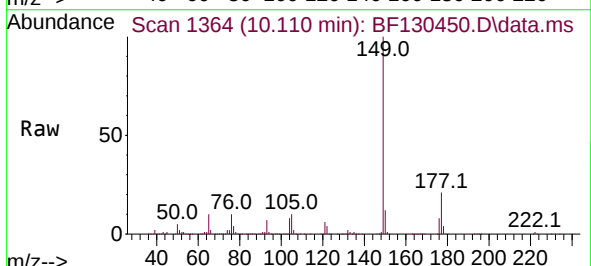
Manual Integrations
APPROVED

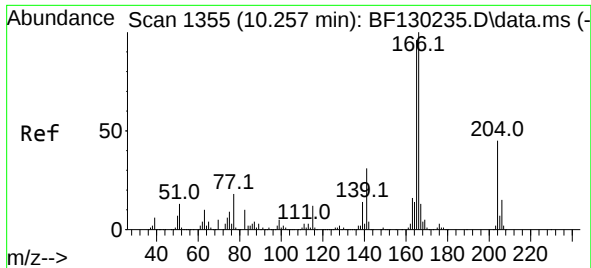
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#60
Diethylphthalate
Concen: 45.951 ng
RT: 10.110 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

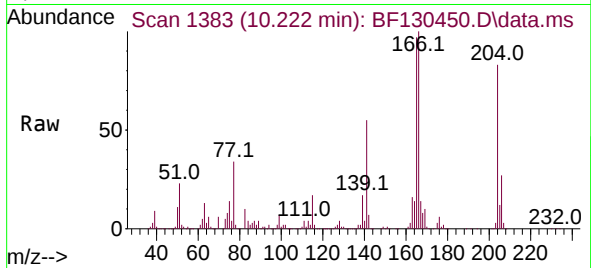
Tgt Ion:149 Resp: 666412
Ion Ratio Lower Upper
149 100
177 21.3 16.1 24.1
150 12.3 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 49.390 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

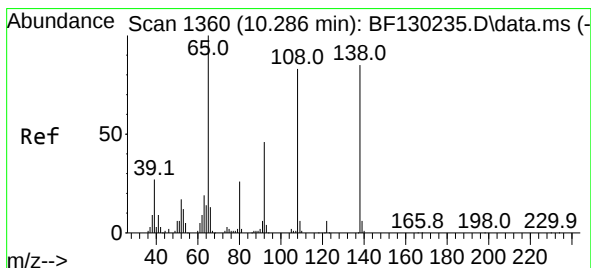
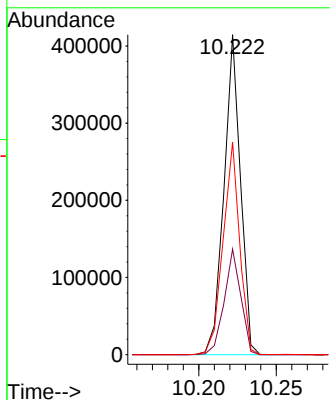
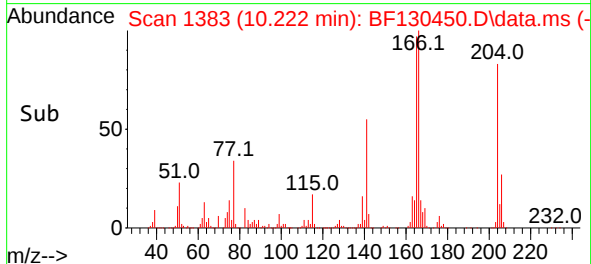
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:204 Resp: 307105
Ion Ratio Lower Upper
204 100
206 33.0 26.6 39.8
141 66.4 57.1 85.7

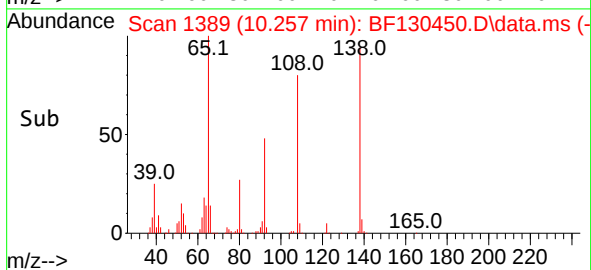
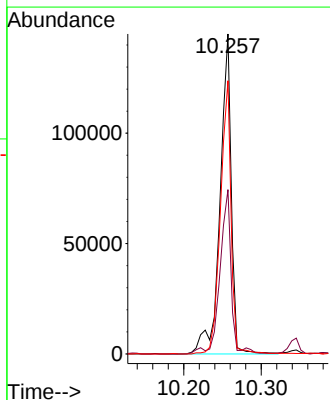
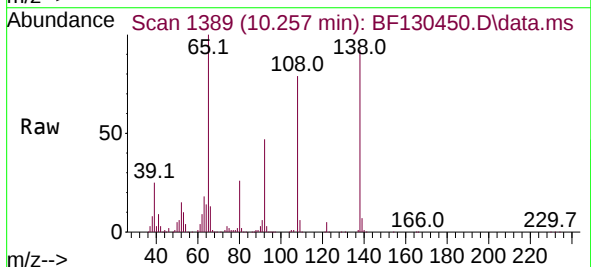
Manual Integrations
APPROVED

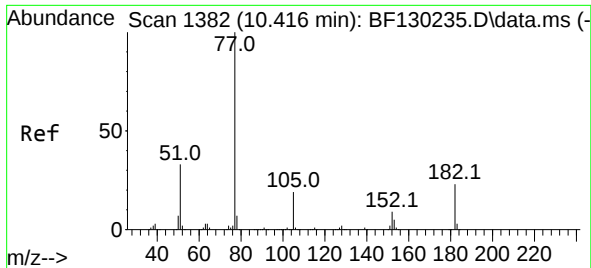
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#62
4-Nitroaniline
Concen: 43.221 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.006 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

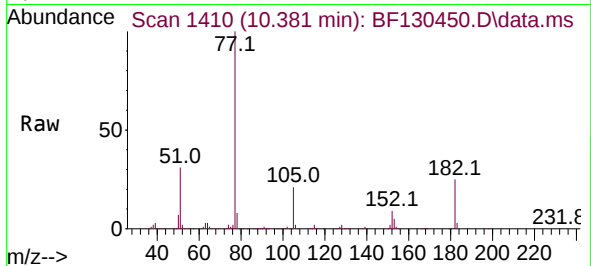
Tgt Ion:138 Resp: 146332
Ion Ratio Lower Upper
138 100
92 51.3 36.7 76.7
108 85.4 78.2 118.2





#63
Azobenzene
Concen: 39.670 ng
RT: 10.381 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

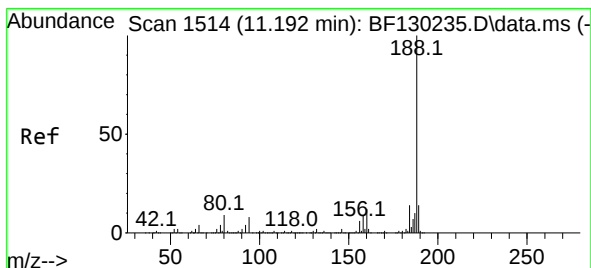
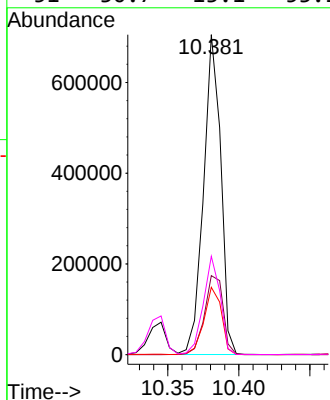
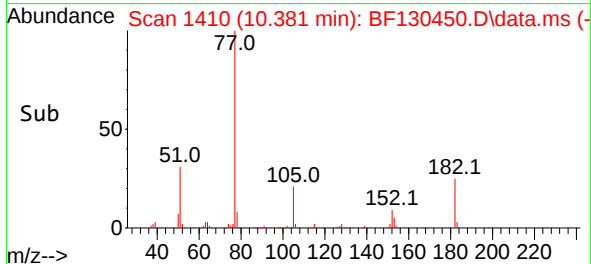
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



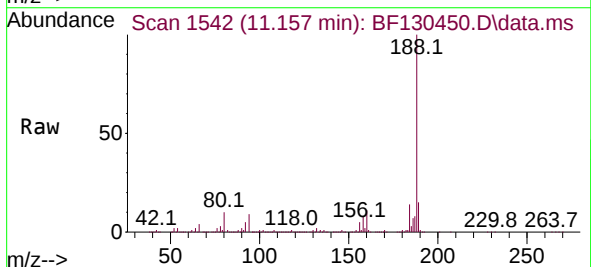
Tgt Ion: 77 Resp: 592418
Ion Ratio Lower Upper
77 100
182 24.7 2.1 42.1
105 21.0 0.0 39.4
51 30.7 13.1 53.1

Manual Integrations
APPROVED

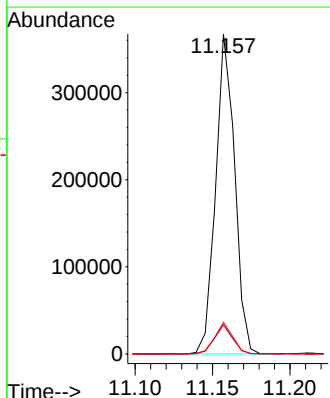
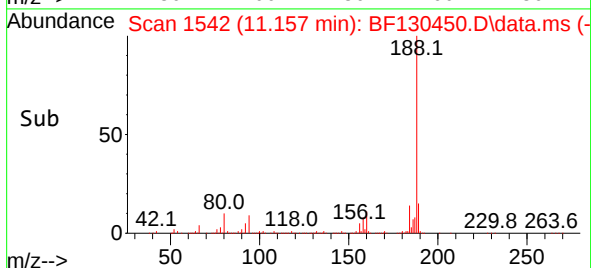
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

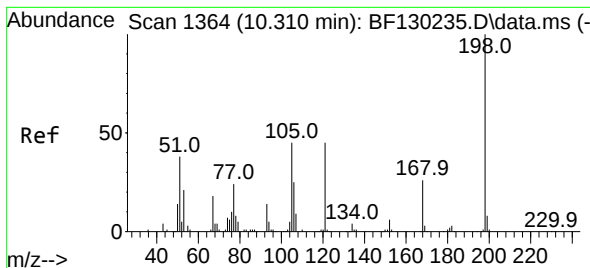


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.157 min Scan# 1542
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



Tgt Ion:188 Resp: 313546
Ion Ratio Lower Upper
188 100
94 9.1 7.4 11.2
80 9.9 7.9 11.9





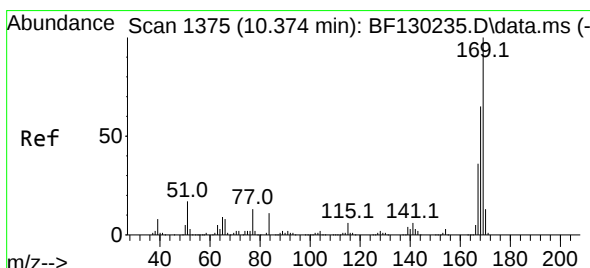
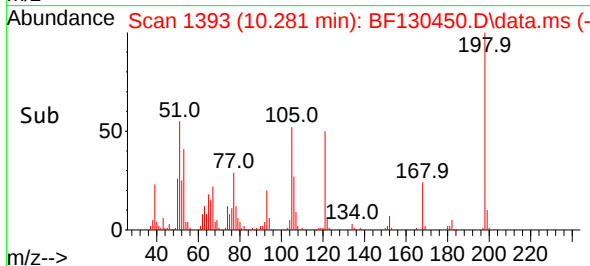
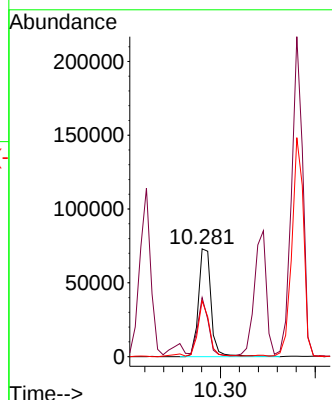
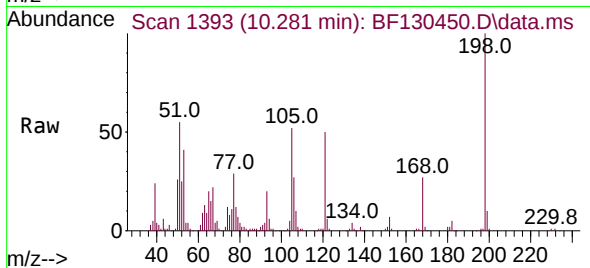
#65
4,6-Dinitro-2-methylphenol
Concen: 38.498 ng
RT: 10.281 min Scan# 1364
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS

Tgt Ion:198 Resp: 67194
Ion Ratio Lower Upper
198 100
51 54.7 36.9 76.9
105 51.7 33.0 73.0

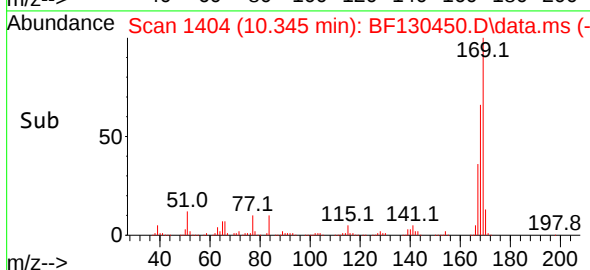
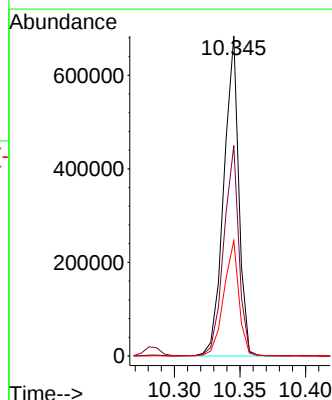
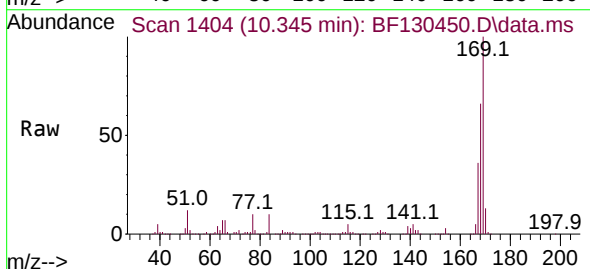
Manual Integrations
APPROVED

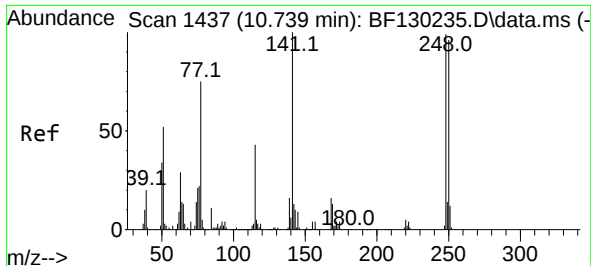
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#66
n-Nitrosodiphenylamine
Concen: 51.917 ng
RT: 10.345 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

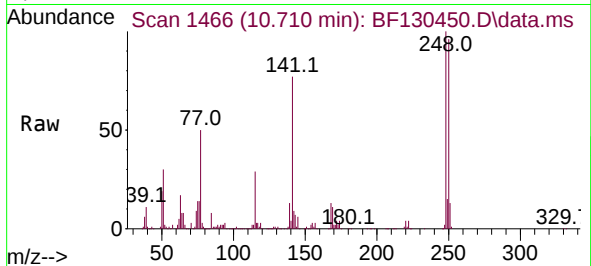
Tgt Ion:169 Resp: 543970
Ion Ratio Lower Upper
169 100
168 65.7 53.2 79.8
167 36.0 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 55.597 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

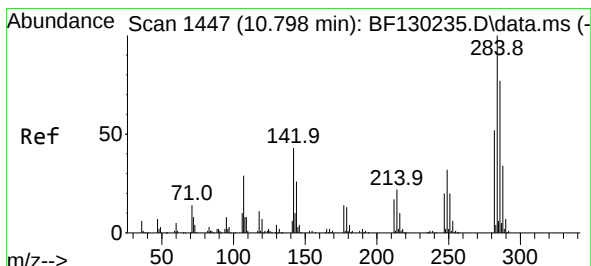
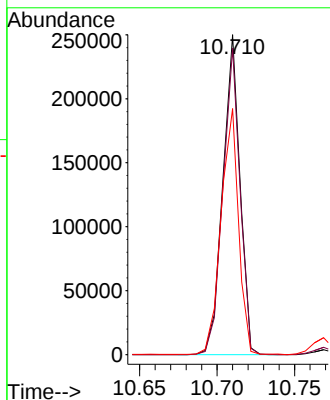
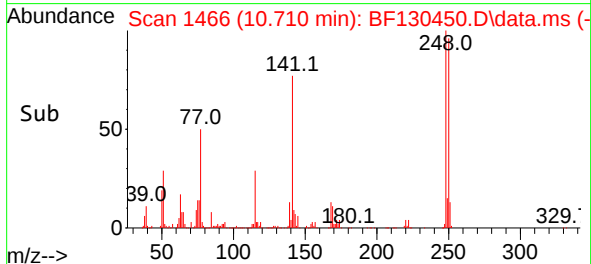
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



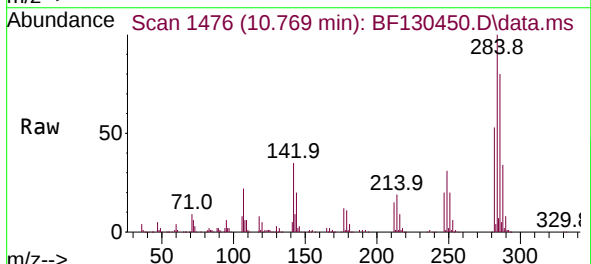
Tgt Ion:248 Resp: 192304
Ion Ratio Lower Upper
248 100
250 95.7 80.0 120.0
141 76.9 68.5 102.7

Manual Integrations
APPROVED

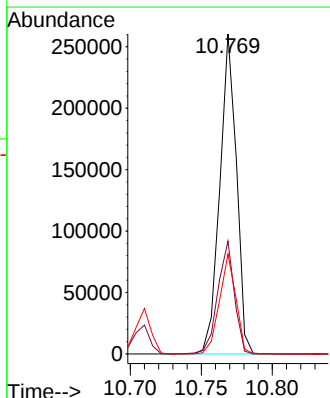
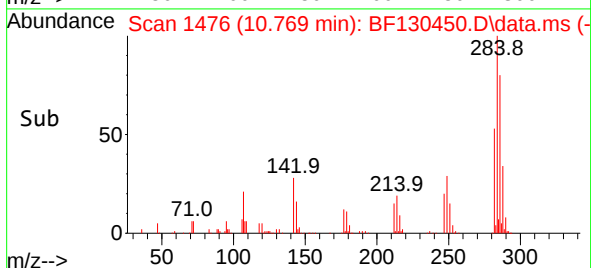
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

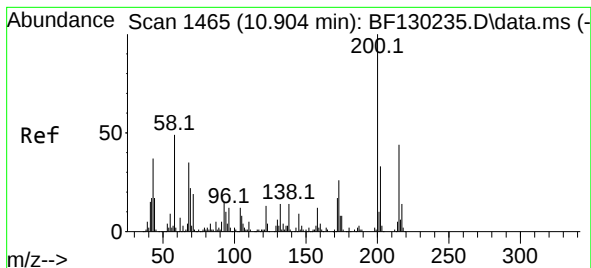


#68
Hexachlorobenzene
Concen: 54.296 ng
RT: 10.769 min Scan# 1476
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



Tgt Ion:284 Resp: 212892
Ion Ratio Lower Upper
284 100
142 35.3 27.2 40.8
249 31.2 23.8 35.8





#69

Atrazine

Concen: 54.778 ng

RT: 10.875 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF130450.D

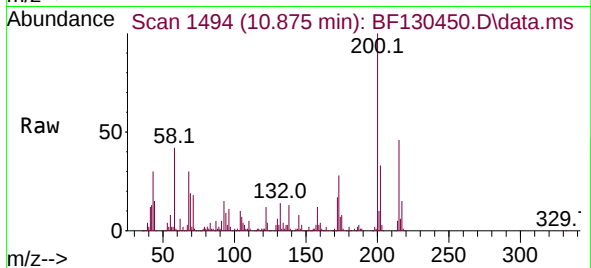
Acq: 28 Sep 2022 16:13

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MS



Tgt Ion:200 Resp: 167729

Ion Ratio Lower Upper

200 100

173 27.6 6.2 46.2

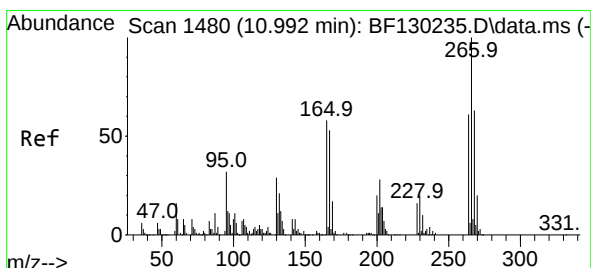
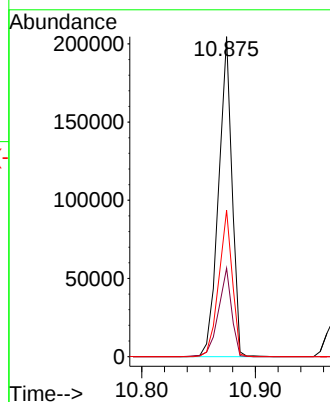
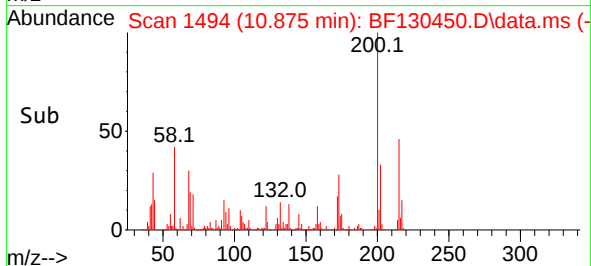
215 45.7 22.5 62.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#70

Pentachlorophenol

Concen: 68.562 ng

RT: 10.969 min Scan# 1510

Delta R.T. 0.000 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

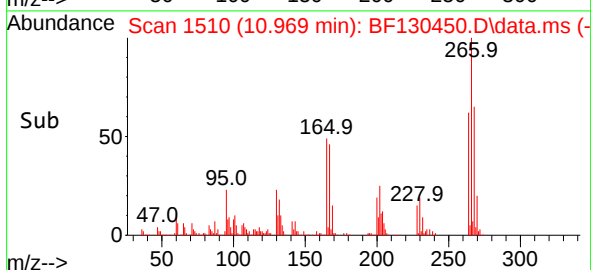
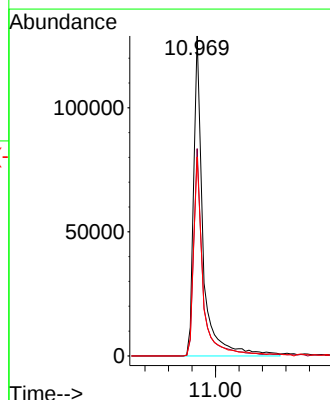
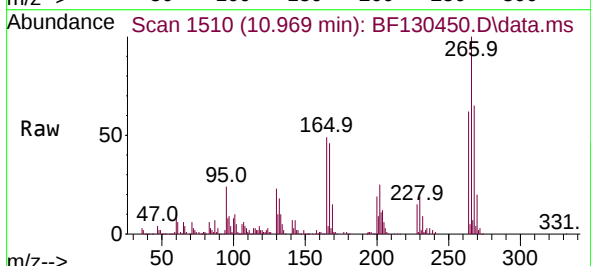
Tgt Ion:266 Resp: 144275

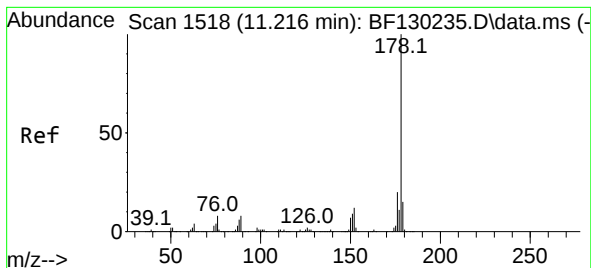
Ion Ratio Lower Upper

266 100

268 64.8 50.5 75.7

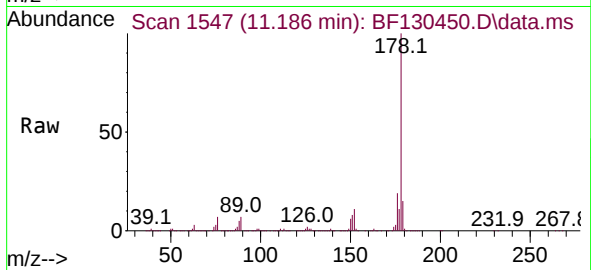
264 62.2 50.5 75.7





#71
Phenanthrene
Concen: 47.393 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

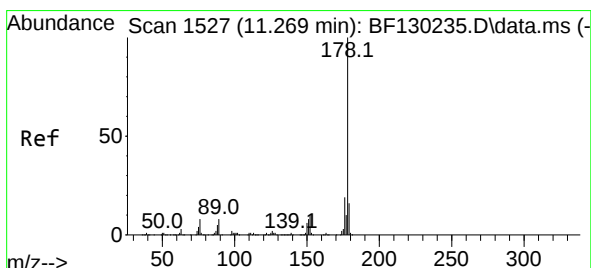
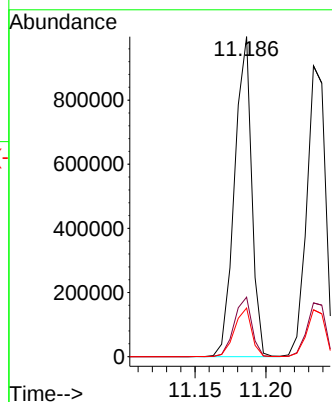
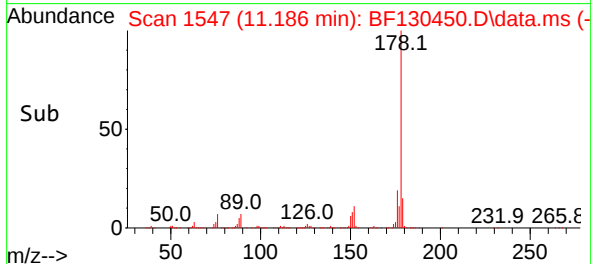
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



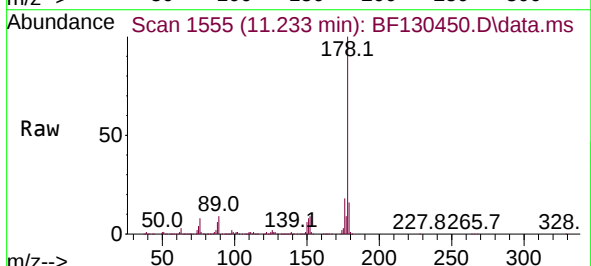
Tgt Ion:178 Resp: 834296
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.2 12.4 18.6

Manual Integrations
APPROVED

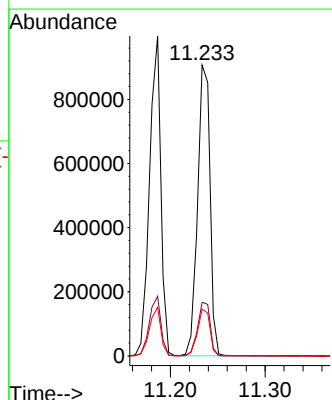
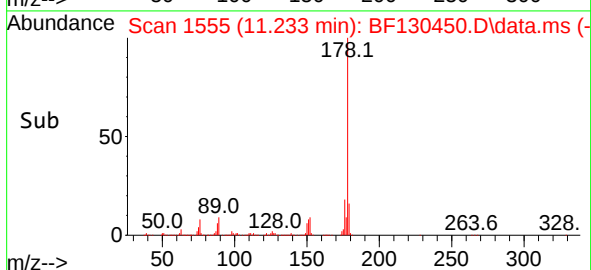
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

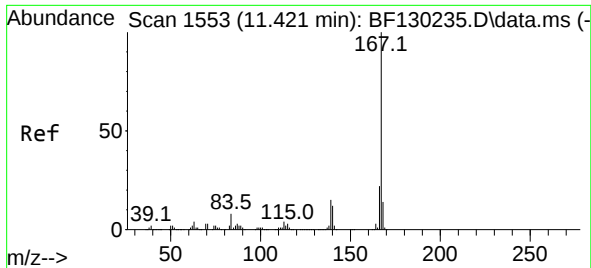


#72
Anthracene
Concen: 48.589 ng
RT: 11.233 min Scan# 1555
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



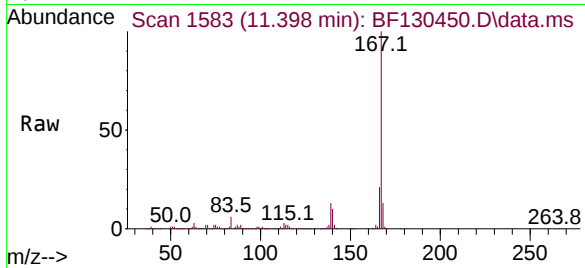
Tgt Ion:178 Resp: 825423
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.6
179 16.1 12.7 19.1





#73
 Carbazole
 Concen: 47.421 ng
 RT: 11.398 min Scan# 1583
 Delta R.T. 0.006 min
 Lab File: BF130450.D
 Acq: 28 Sep 2022 16:13

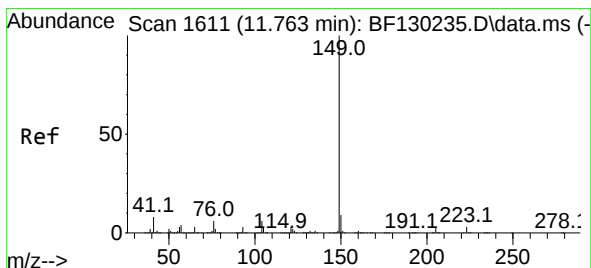
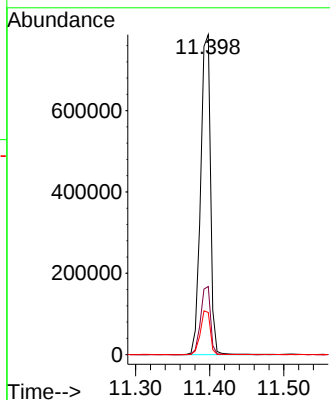
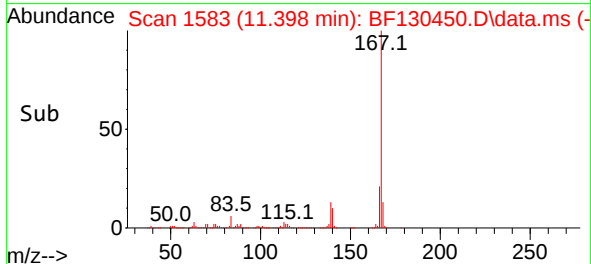
Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-1MS



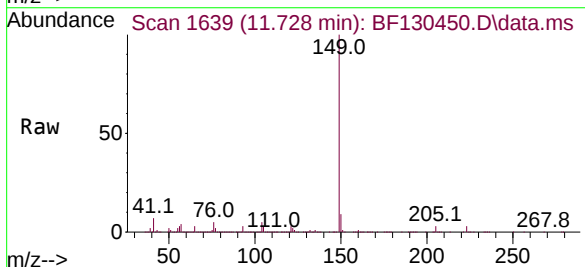
Tgt Ion:167 Resp: 727033
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.2
 139 13.2 11.6 17.4

Manual Integrations
 APPROVED

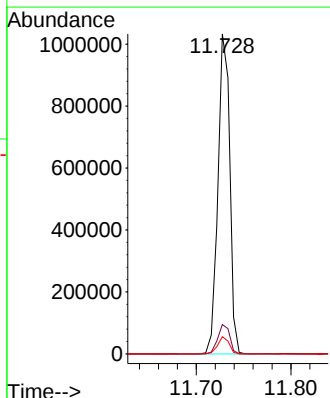
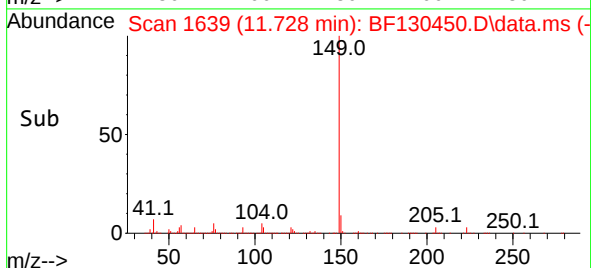
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022

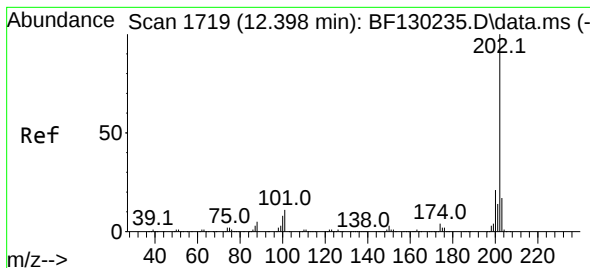


#74
 Di-n-butylphthalate
 Concen: 48.277 ng
 RT: 11.728 min Scan# 1639
 Delta R.T. 0.000 min
 Lab File: BF130450.D
 Acq: 28 Sep 2022 16:13



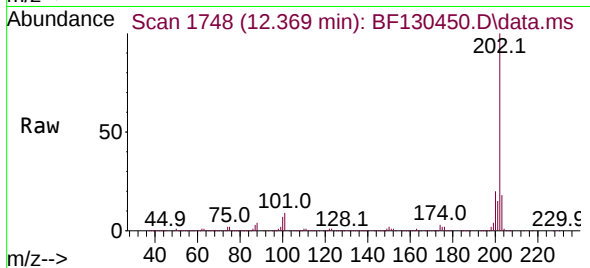
Tgt Ion:149 Resp: 892539
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.4 4.8 7.2





#75
Fluoranthene
Concen: 42.341 ng
RT: 12.369 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

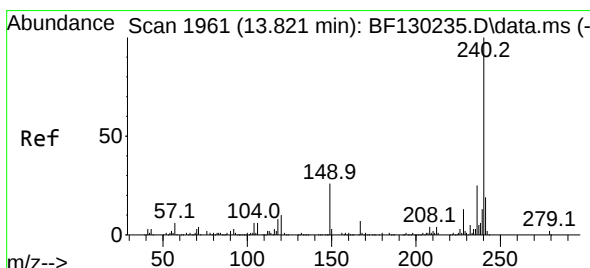
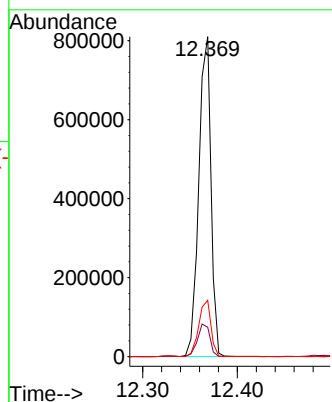
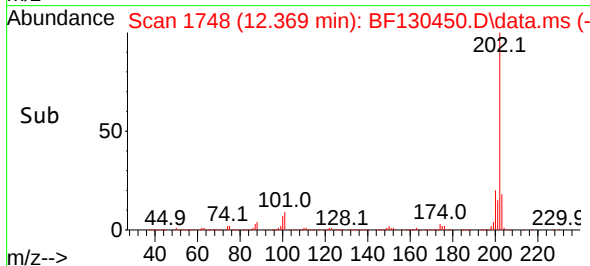
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



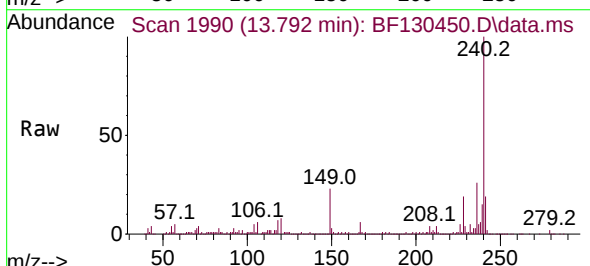
Tgt Ion:202 Resp: 720243
Ion Ratio Lower Upper
202 100
101 9.2 0.0 31.8
203 17.6 0.0 37.8

Manual Integrations
APPROVED

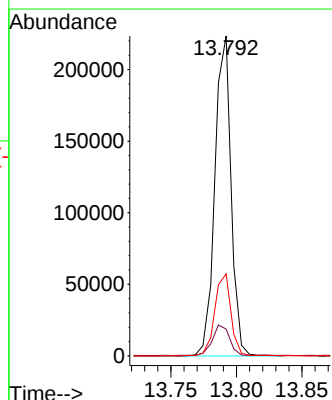
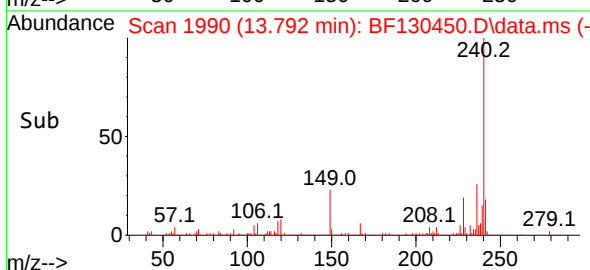
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

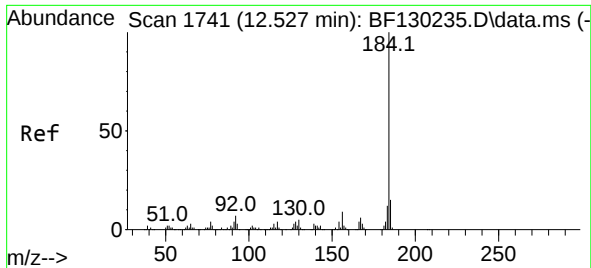


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.792 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



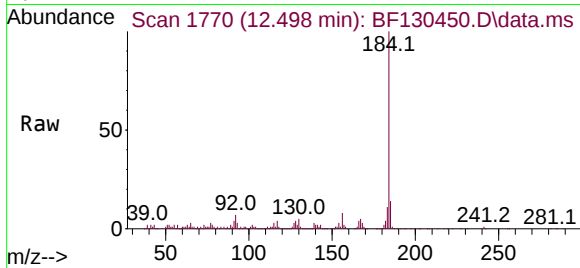
Tgt Ion:240 Resp: 192260
Ion Ratio Lower Upper
240 100
120 8.4 8.7 13.1#
236 25.6 20.9 31.3





#77
Benzidine
Concen: 50.163 ng
RT: 12.498 min Scan# 1770
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

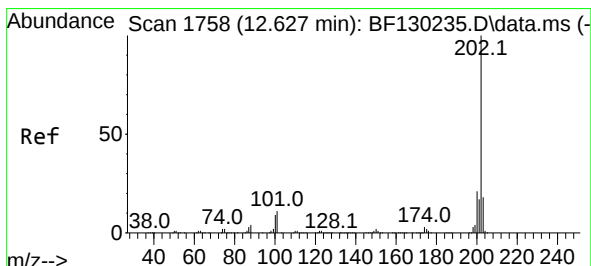
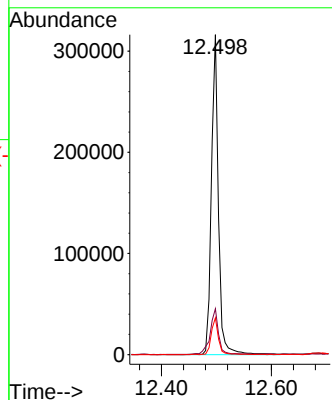
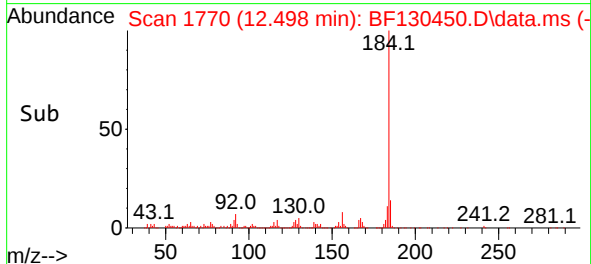
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:184 Resp: 279968
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.5 9.1 13.7

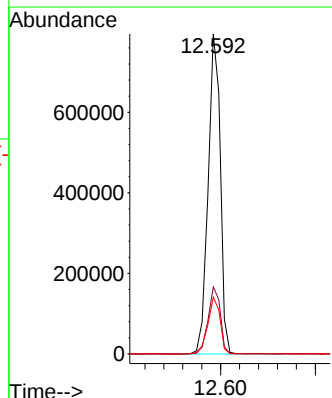
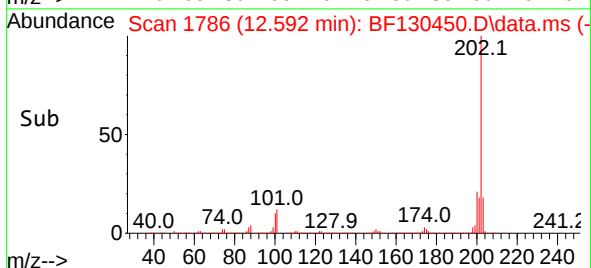
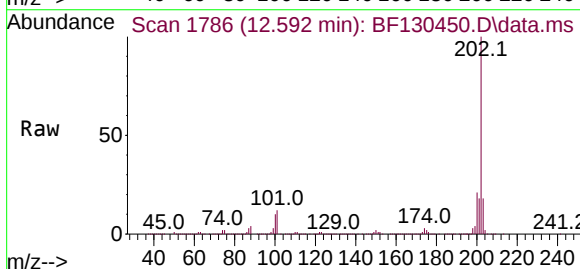
Manual Integrations
APPROVED

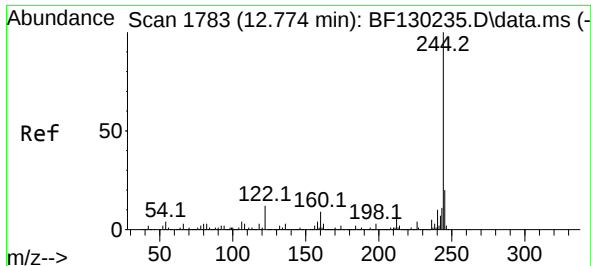
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#78
Pyrene
Concen: 42.280 ng
RT: 12.592 min Scan# 1786
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

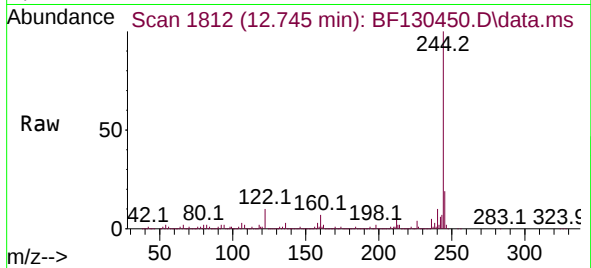
Tgt Ion:202 Resp: 711109
Ion Ratio Lower Upper
202 100
200 20.9 17.2 25.8
203 17.7 14.3 21.5





#79
 Terphenyl-d14
 Concen: 81.812 ng
 RT: 12.745 min Scan# 1812
 Delta R.T. 0.000 min
 Lab File: BF130450.D
 Acq: 28 Sep 2022 16:13

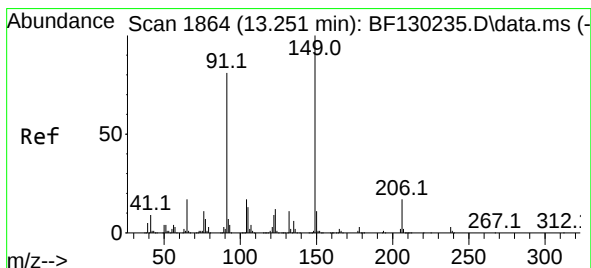
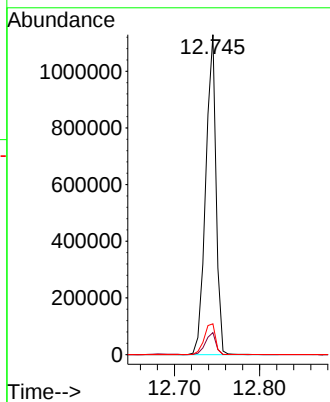
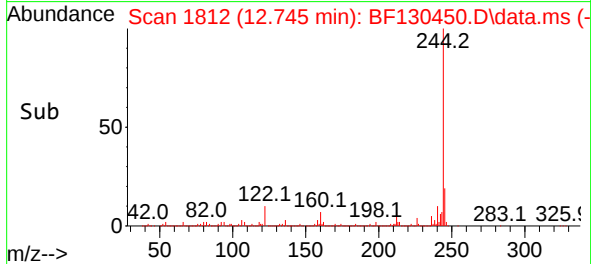
Instrument :
 BNA_F
 ClientSampleId :
 SAND-FILTER-1MS



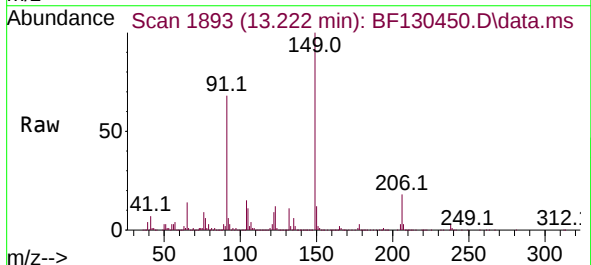
Tgt Ion:244 Resp: 949543
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.9 8.9
 122 9.6 8.5 12.7

Manual Integrations
 APPROVED

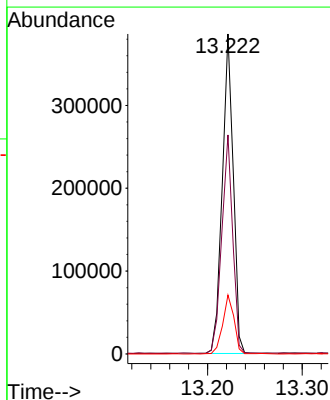
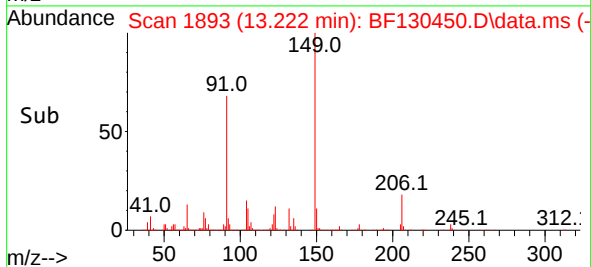
Reviewed By :Christian Giraldo 09/29/2022
 Supervised By :Jagrut Upadhyay 09/29/2022

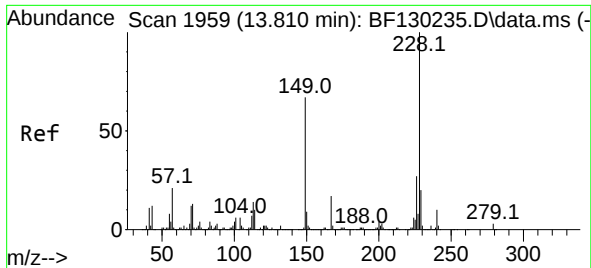


#80
 Butylbenzylphthalate
 Concen: 49.873 ng
 RT: 13.222 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: BF130450.D
 Acq: 28 Sep 2022 16:13



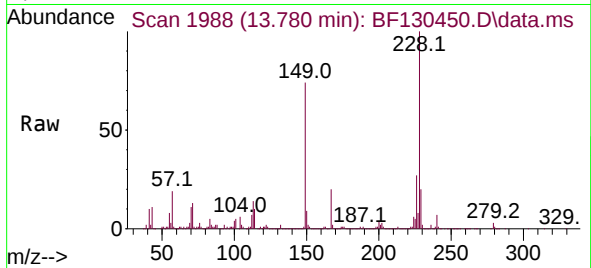
Tgt Ion:149 Resp: 310745
 Ion Ratio Lower Upper
 149 100
 91 68.4 59.8 89.8
 206 18.4 13.9 20.9





#81
Benzo(a)anthracene
Concen: 48.985 ng
RT: 13.780 min Scan# 1959
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

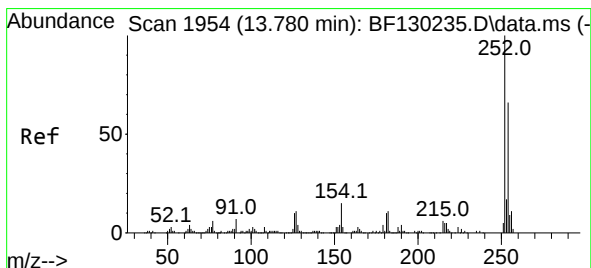
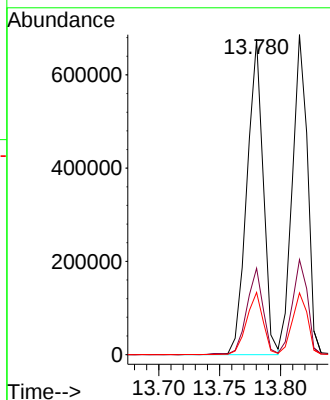
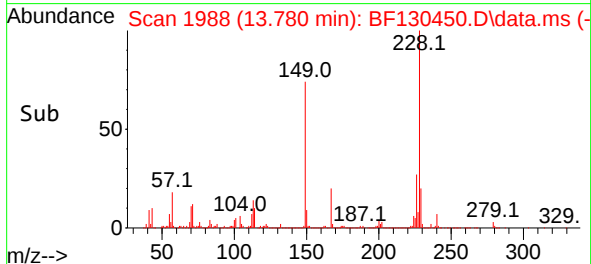
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



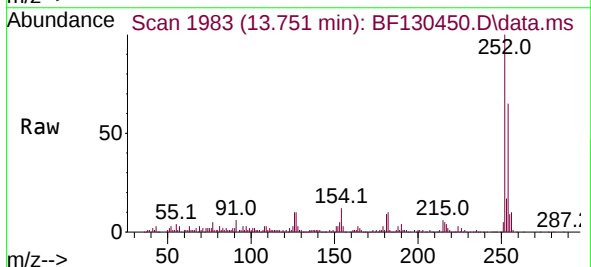
Tgt Ion:228 Resp: 626519
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.7 16.1 24.1

Manual Integrations
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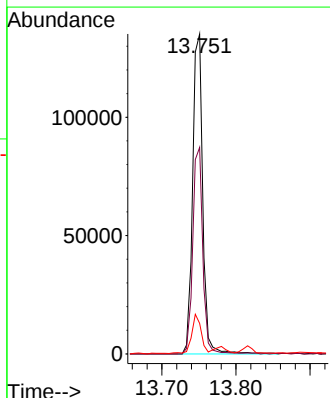
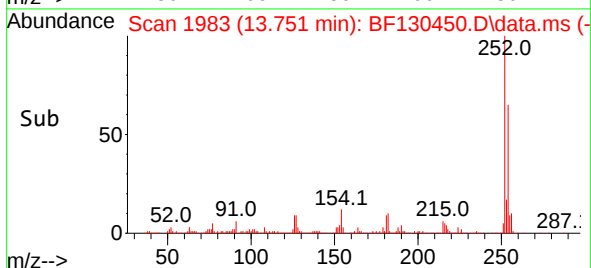
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

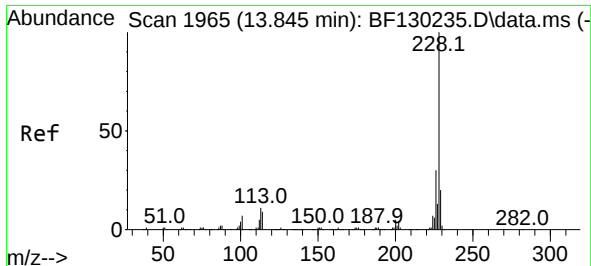


#82
3,3'-Dichlorobenzidine
Concen: 36.983 ng
RT: 13.751 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



Tgt Ion:252 Resp: 128759
Ion Ratio Lower Upper
252 100
254 64.5 51.1 76.7
126 9.5 10.4 15.6





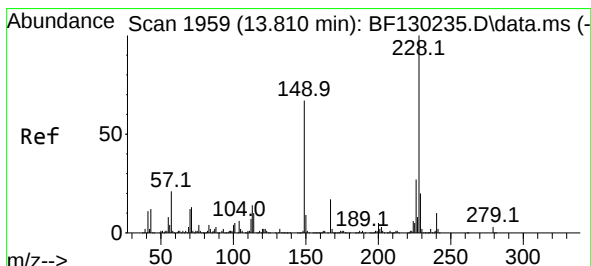
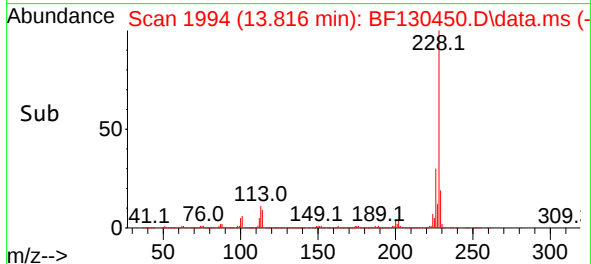
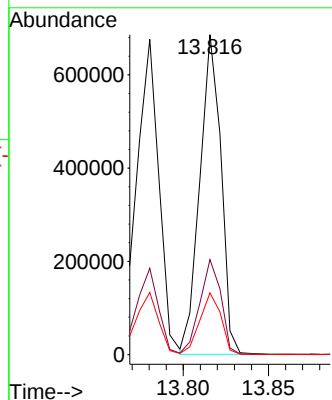
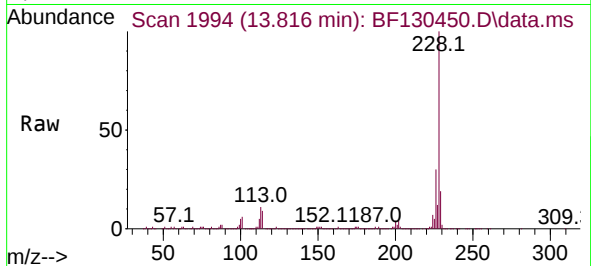
#83
Chrysene
Concen: 48.801 ng
RT: 13.816 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS

Tgt Ion:228 Resp: 59264
Ion Ratio Lower Upper
228 100
226 29.7 23.8 35.8
229 19.3 15.3 22.9

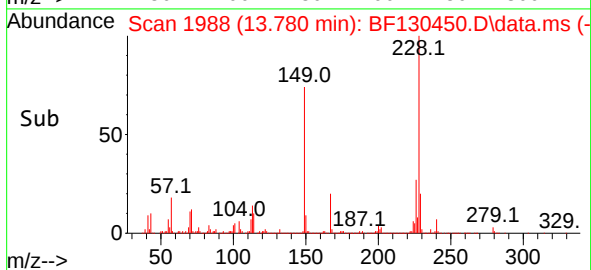
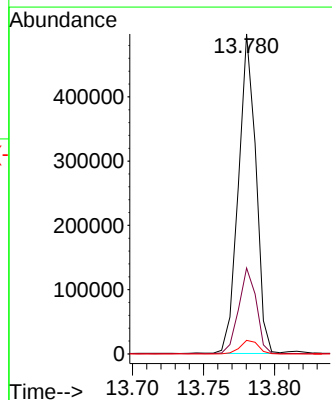
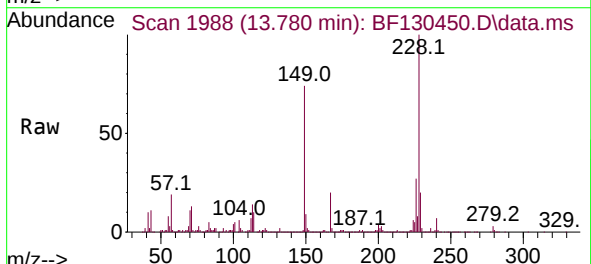
Manual Integrations
APPROVED

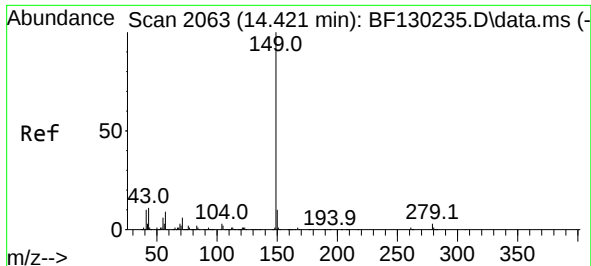
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.403 ng
RT: 13.780 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

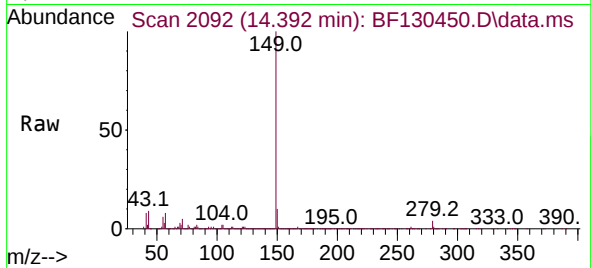
Tgt Ion:149 Resp: 423952
Ion Ratio Lower Upper
149 100
167 26.8 20.5 30.7
279 4.2 2.9 4.3





#85
Di-n-octyl phthalate
Concen: 69.857 ng
RT: 14.392 min Scan# 2063
Delta R.T. 0.000 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

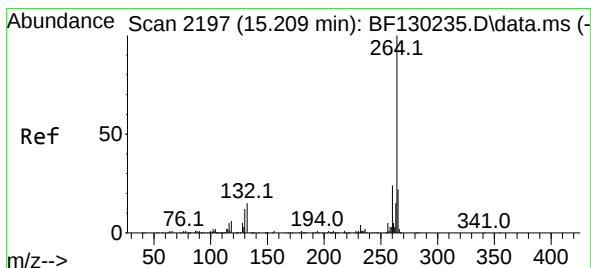
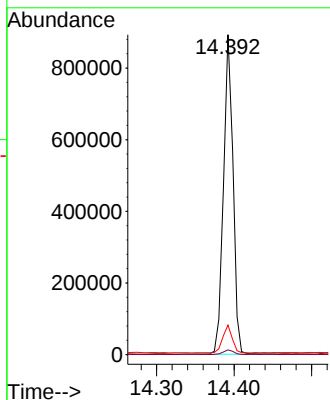
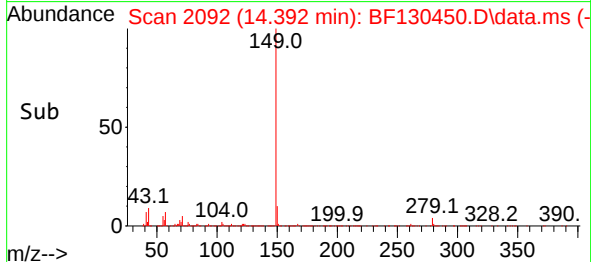
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:149 Resp: 76255
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.6 8.7 13.1

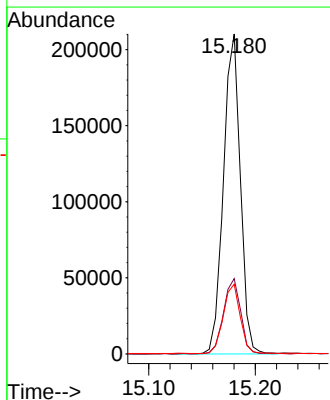
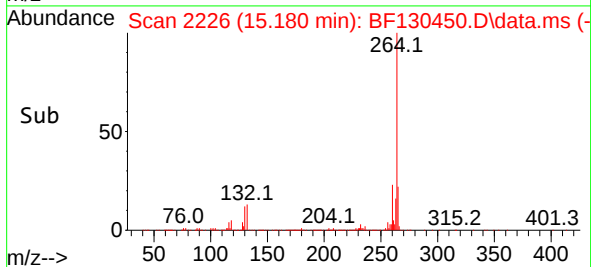
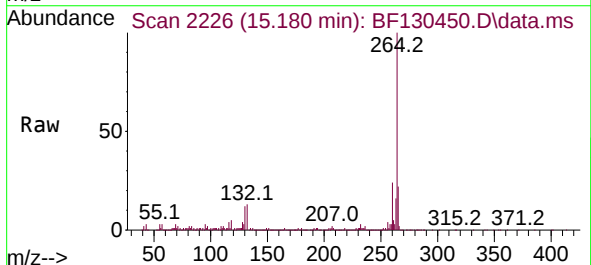
Manual Integrations
APPROVED

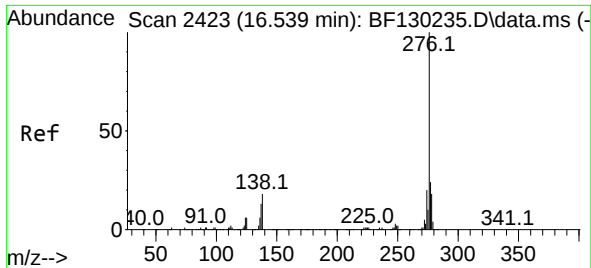
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.180 min Scan# 2226
Delta R.T. 0.006 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

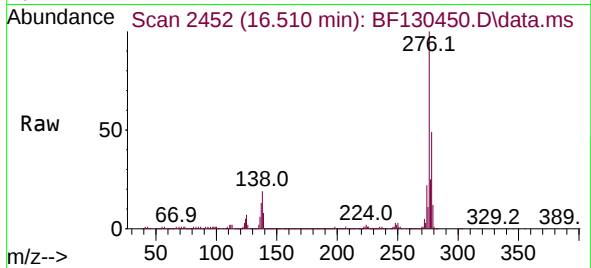
Tgt Ion:264 Resp: 232086
Ion Ratio Lower Upper
264 100
260 23.5 19.3 28.9
265 21.8 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.407 ng
RT: 16.510 min Scan# 2423
Delta R.T. 0.012 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13

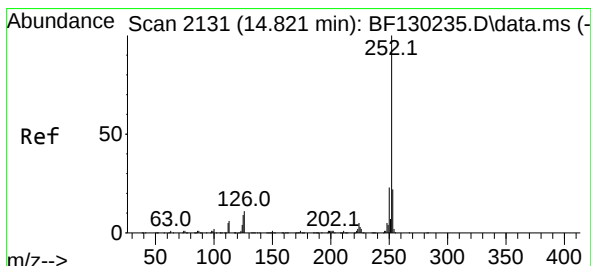
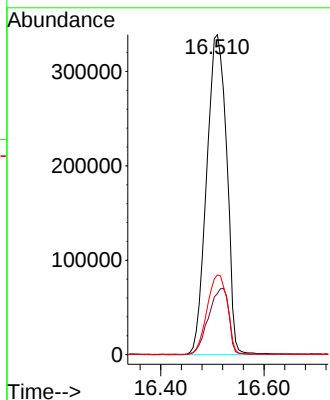
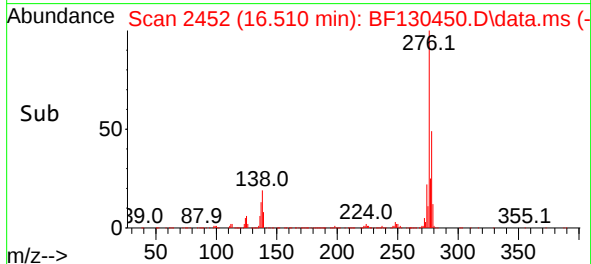
Instrument :
BNA_F
ClientSampleId :
SAND-FILTER-1MS



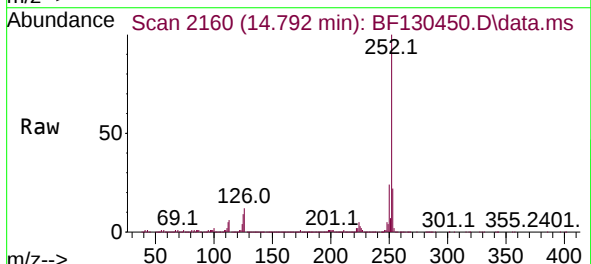
Tgt Ion:276 Resp: 911903
Ion Ratio Lower Upper
276 100
138 20.8 18.5 27.7
277 25.3 20.2 30.4

Manual Integrations
APPROVED

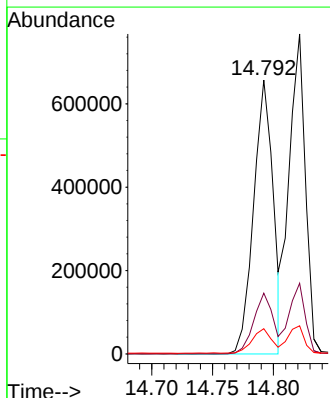
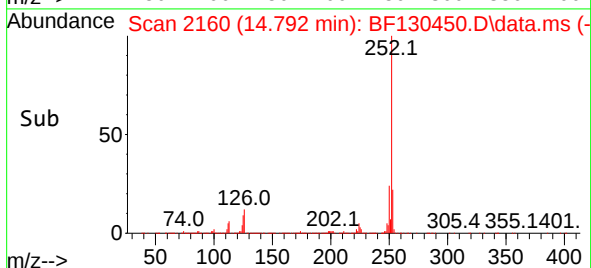
Reviewed By :Christian Giraldo 09/29/2022
Supervised By :Jagrut Upadhyay 09/29/2022

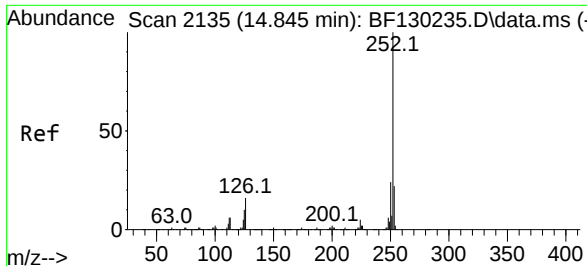


#88
Benzo(b)fluoranthene
Concen: 48.455 ng
RT: 14.792 min Scan# 2160
Delta R.T. 0.006 min
Lab File: BF130450.D
Acq: 28 Sep 2022 16:13



Tgt Ion:252 Resp: 734010
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.2 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 47.688 ng

RT: 14.821 min Scan# 211

Delta R.T. 0.006 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:252 Resp: 710615

Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

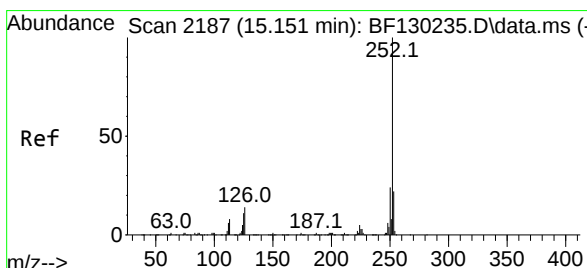
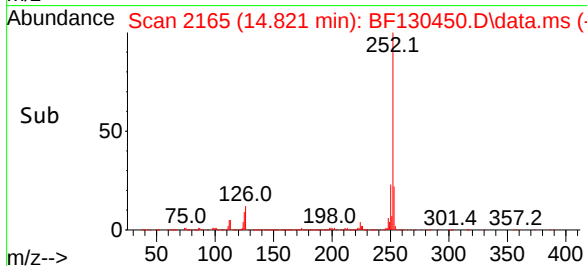
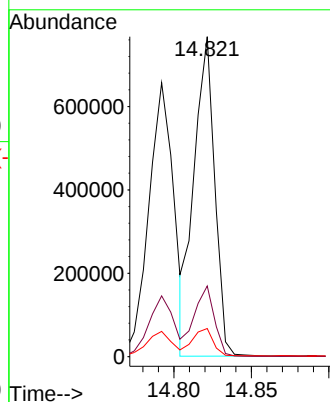
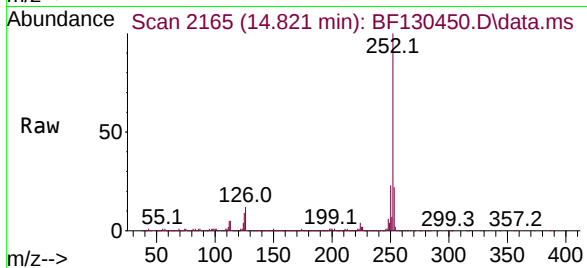
125 8.8 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#90

Benzo(a)pyrene

Concen: 54.390 ng

RT: 15.127 min Scan# 2217

Delta R.T. 0.012 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

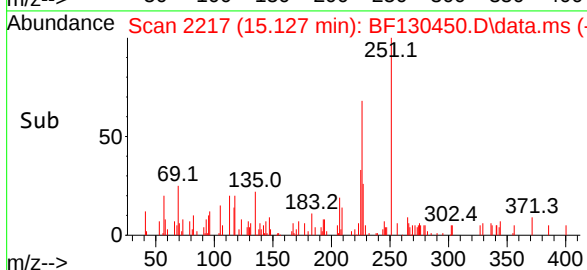
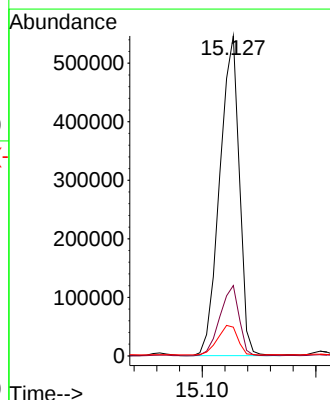
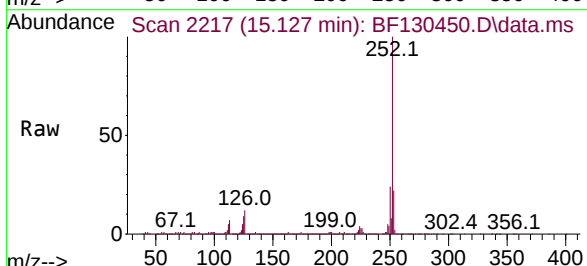
Tgt Ion:252 Resp: 652729

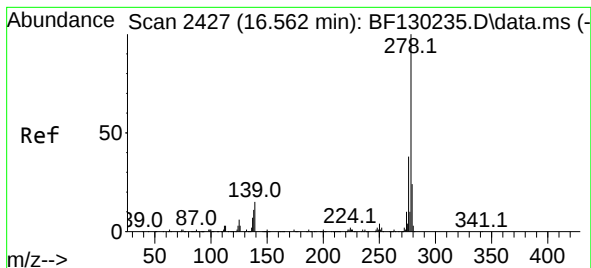
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 9.0 9.0 13.6#





#91

Dibenzo(a,h)anthracene

Concen: 58.403 ng

RT: 16.527 min Scan# 2427

Delta R.T. 0.018 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

Instrument :

BNA_F

ClientSampleId :

SAND-FILTER-1MS

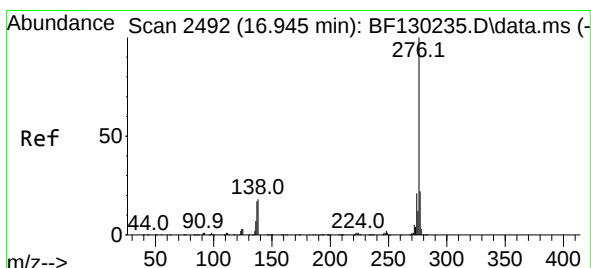
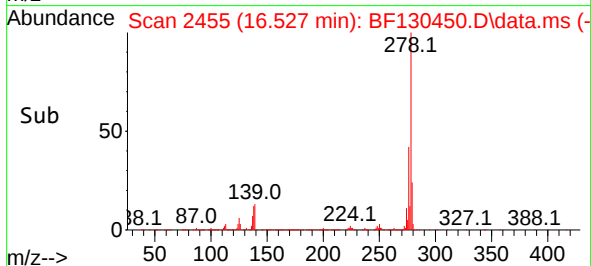
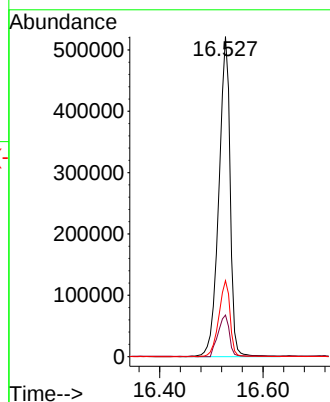
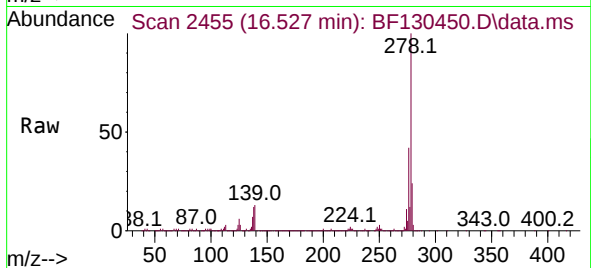
Tgt Ion:278 Resp: 788527
 Ion Ratio Lower Upper
 278 100
 139 13.0 11.8 17.8
 279 23.7 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/29/2022

Supervised By :Jagrut Upadhyay 09/29/2022



#92

Benzo(g,h,i)perylene

Concen: 56.804 ng

RT: 16.915 min Scan# 2521

Delta R.T. 0.024 min

Lab File: BF130450.D

Acq: 28 Sep 2022 16:13

Tgt Ion:276 Resp: 772580
 Ion Ratio Lower Upper
 276 100
 277 23.6 18.6 27.8
 138 16.9 14.6 21.8

