

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136947.D
 Acq On : 04 Jan 2024 18:41
 Operator : CG\JU
 Sample : 06017-02MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MS

Quant Time: Jan 05 00:41:13 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	52056	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	184040	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	100792	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	186675	20.000	ng	0.00
76) Chrysene-d12	13.968	240	115127	20.000	ng	0.00
86) Perylene-d12	15.451	264	127289	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	294256	88.198	ng	0.00
7) Phenol-d6	6.440	99	365049	84.442	ng	0.00
23) Nitrobenzene-d5	7.357	82	205567	57.156	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	101645	85.628	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	434967	58.043	ng	-0.01
79) Terphenyl-d14	12.904	244	445560	54.084	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	50019	35.982	ng	97
3) Pyridine	3.322	79	111185	32.781	ng	95
4) n-Nitrosodimethylamine	3.275	42	68253	37.683	ng	93
6) Aniline	6.463	93	50161	11.605	ng	# 33
8) 2-Chlorophenol	6.581	128	141765	38.829	ng	96
9) Benzaldehyde	6.345	77	46573	18.940	ng	# 1
10) Phenol	6.451	94	167365	36.266	ng	87
11) bis(2-Chloroethyl)ether	6.522	93	138474	39.456	ng	96
12) 1,3-Dichlorobenzene	6.728	146	142400	35.753	ng	97
13) 1,4-Dichlorobenzene	6.804	146	147436	36.228	ng	99
14) 1,2-Dichlorobenzene	6.957	146	134620	35.549	ng	100
15) Benzyl Alcohol	6.939	79	104455	35.815	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.063	45	201165	35.059	ng	# 34
17) 2-Methylphenol	7.057	107	105560	34.900	ng	# 85
18) Hexachloroethane	7.316	117	377257	255.254	ng	# 1
19) n-Nitroso-di-n-propyla...	7.204	70	123796	47.239	ng	96
20) 3+4-Methylphenols	7.210	107	140501	37.182	ng	# 54
22) Acetophenone	7.198	105	168371	36.500	ng	# 85
24) Nitrobenzene	7.375	77	173628	48.192	ng	96
25) Isophorone	7.610	82	259471	39.648	ng	# 97
26) 2-Nitrophenol	7.687	139	73715	42.765	ng	96
27) 2,4-Dimethylphenol	7.728	122	64046	30.519	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	161304	40.549	ng	98
29) 2,4-Dichlorophenol	7.939	162	119148	44.101	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	120174	39.922	ng	98
31) Naphthalene	8.092	128	1118101	110.586	ng	98
32) Benzoic acid	7.863	122	81044	39.913	ng	93
33) 4-Chloroaniline	8.151	127	26048	6.978	ng	# 34
34) Hexachlorobutadiene	8.198	225	70351	38.466	ng	98
35) Caprolactam	8.504	113	43655	48.980	ng	# 89
36) 4-Chloro-3-methylphenol	8.634	107	122664	40.330	ng	94
37) 2-Methylnaphthalene	8.786	142	1198866	184.245	ng	100
38) 1-Methylnaphthalene	8.881	142	698594	109.432	ng	100
40) 1,2,4,5-Tetrachloroben...	8.945	216	129456	41.473	ng	99
41) Hexachlorocyclopentadiene	8.922	237	46602	48.855	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	80009	39.967	ng	98

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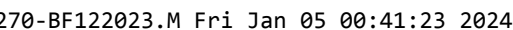
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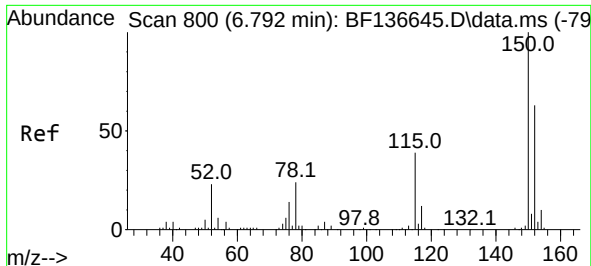
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	86816	38.917	ng	96
46) 1,1'-Biphenyl	9.239	154	353574	41.804	ng	99
47) 2-Chloronaphthalene	9.263	162	246287	38.303	ng	99
48) 2-Nitroaniline	9.369	65	78877	39.174	ng	98
49) Acenaphthylene	9.681	152	412821	42.005	ng	99
50) Dimethylphthalate	9.545	163	281754	38.271	ng	99
51) 2,6-Dinitrotoluene	9.610	165	63969	38.286	ng	92
52) Acenaphthene	9.851	154	284730	46.737	ng	99
53) 3-Nitroaniline	9.781	138	43128	24.367	ng	99
54) 2,4-Dinitrophenol	9.898	184	55648	61.024	ng	94
55) Dibenzofuran	10.028	168	413265	44.750	ng	99
56) 4-Nitrophenol	9.963	139	81647	68.334	ng	94
57) 2,4-Dinitrotoluene	10.022	165	84334	38.880	ng	# 94
58) Fluorene	10.369	166	355654	48.536	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	67977	39.586	ng	# 98
60) Diethylphthalate	10.245	149	294721	38.583	ng	99
61) 4-Chlorophenyl-phenyle...	10.363	204	138560	38.903	ng	94
62) 4-Nitroaniline	10.398	138	56471	33.096	ng	97
63) Azobenzene	10.522	77	263376	36.916	ng	98
65) 4,6-Dinitro-2-methylph...	10.428	198	40041	37.427	ng	93
66) n-Nitrosodiphenylamine	10.486	169	252433	41.628	ng	98
67) 4-Bromophenyl-phenylether	10.851	248	83410	40.233	ng	97
68) Hexachlorobenzene	10.916	284	91818	39.742	ng	97
69) Atrazine	11.016	200	80023	51.594	ng	96
70) Pentachlorophenol	11.122	266	73896	68.620	ng	98
71) Phenanthrene	11.339	178	780661	81.502	ng	100
72) Anthracene	11.392	178	494404	50.968	ng	100
73) Carbazole	11.551	167	375554	41.064	ng	99
74) Di-n-butylphthalate	11.874	149	478936	42.916	ng	100
75) Fluoranthene	12.533	202	776299	75.769	ng	97
78) Pyrene	12.763	202	712898	63.079	ng	99
80) Butylbenzylphthalate	13.380	149	175039	42.564	ng	95
81) Benzo(a)anthracene	13.963	228	455199	56.941	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	64040	28.208	ng	98
83) Chrysene	13.998	228	408096	52.202	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	256619	49.597	ng	100
85) Di-n-octyl phthalate	14.563	149	407521	50.918	ng	97
87) Indeno(1,2,3-cd)pyrene	16.968	276	452875	49.277	ng	97
88) Benzo(b)fluoranthene	15.021	252	439297	51.671	ng	99
89) Benzo(k)fluoranthene	15.051	252	349963	43.564	ng	97
90) Benzo(a)pyrene	15.392	252	379947	52.944	ng	99
91) Dibenzo(a,h)anthracene	16.986	278	329585	43.712	ng	97
92) Benzo(g,h,i)perylene	17.433	276	356161	46.121	ng	97

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

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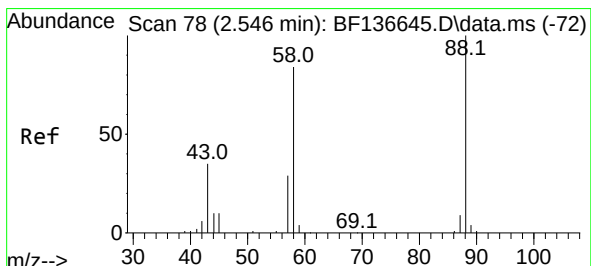
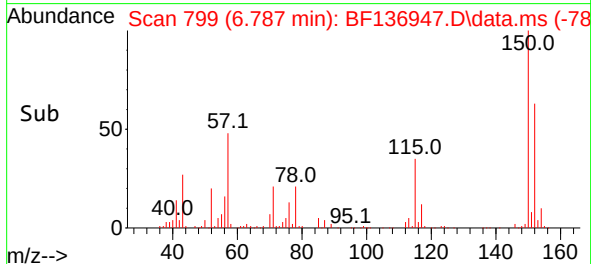
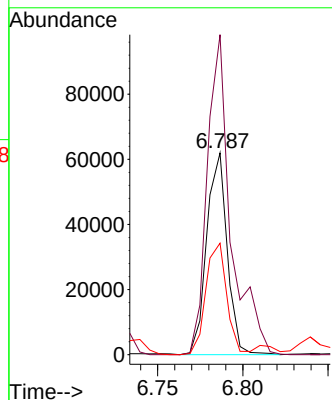
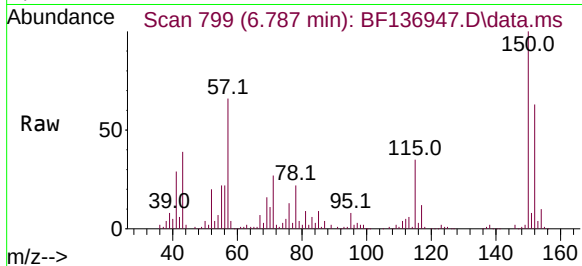




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF136947.D
 Acq: 04 Jan 2024 18:41

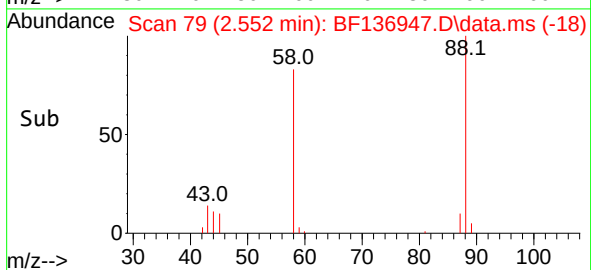
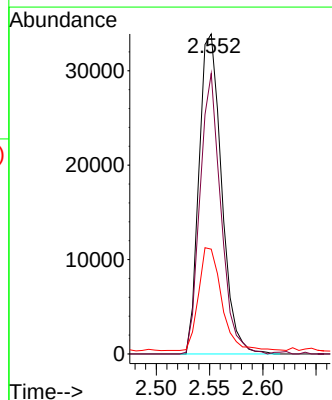
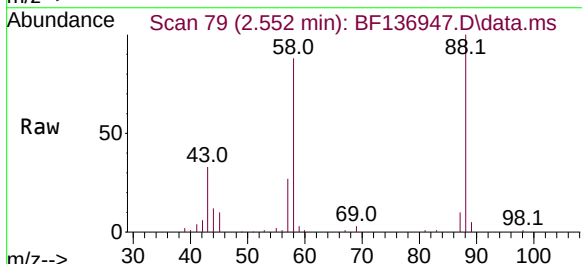
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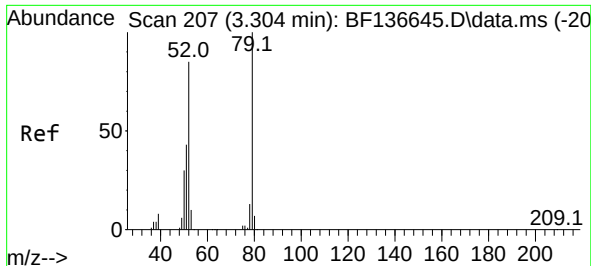
Tgt Ion:152 Resp: 52056
 Ion Ratio Lower Upper
 152 100
 150 158.6 127.0 190.6
 115 55.3 49.0 73.4



#2
 1,4-Dioxane
 Concen: 35.982 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF136947.D
 Acq: 04 Jan 2024 18:41

Tgt Ion: 88 Resp: 50019
 Ion Ratio Lower Upper
 88 100
 58 81.1 67.4 101.0
 43 32.6 27.7 41.5

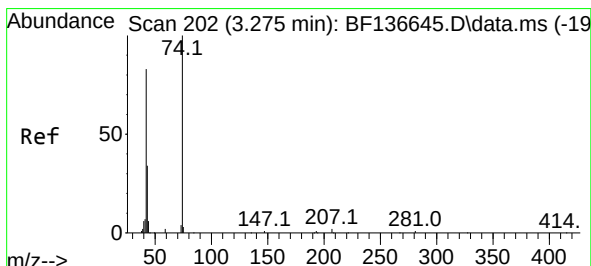
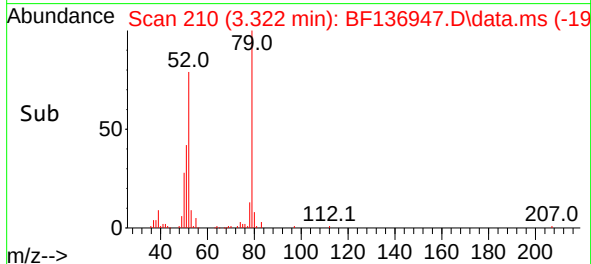
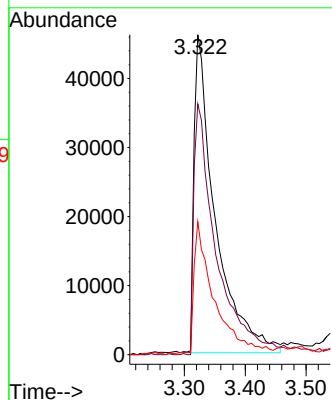
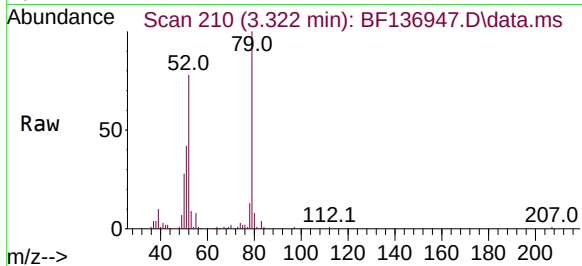




#3
 Pyridine
 Concen: 32.781 ng
 RT: 3.322 min Scan# 210
 Delta R.T. 0.018 min
 Lab File: BF136947.D
 Acq: 04 Jan 2024 18:41

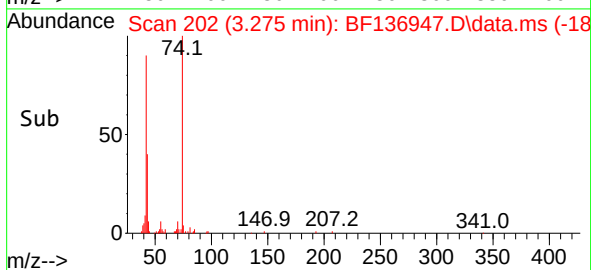
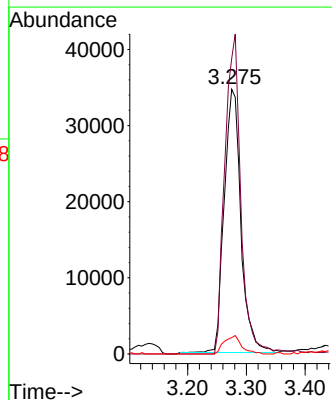
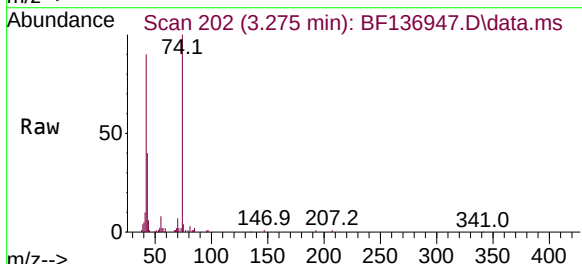
Instrument :
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 SB32-2-20231222-7.5-8.5MS

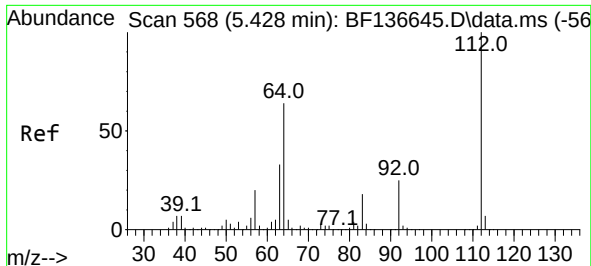
Tgt Ion: 79 Resp: 111185
 Ion Ratio Lower Upper
 79 100
 52 78.4 67.7 101.5
 51 41.6 34.0 51.0



#4
 n-Nitrosodimethylamine
 Concen: 37.683 ng
 RT: 3.275 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: BF136947.D
 Acq: 04 Jan 2024 18:41

Tgt Ion: 42 Resp: 68253
 Ion Ratio Lower Upper
 42 100
 74 111.6 96.0 144.0
 44 6.2 5.4 8.2

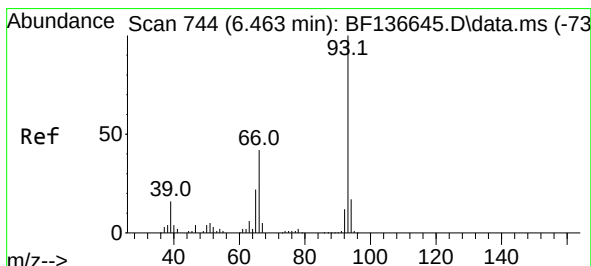
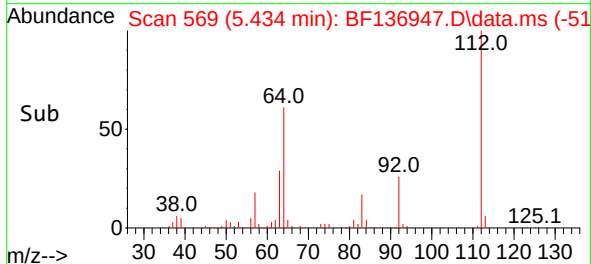
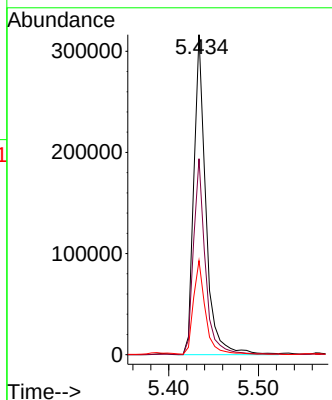
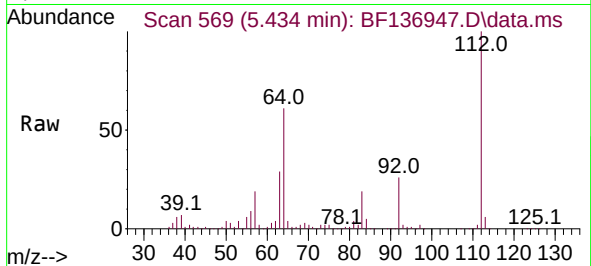




#5
2-Fluorophenol
Concen: 88.198 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

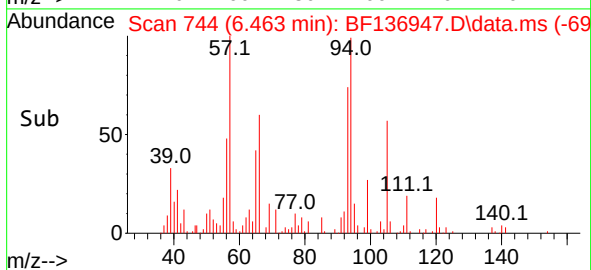
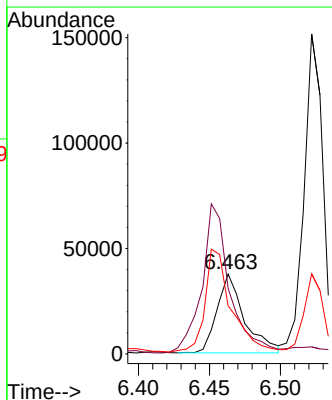
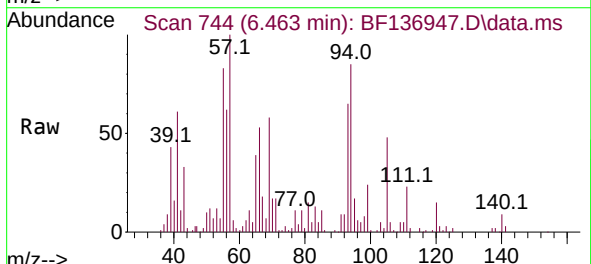
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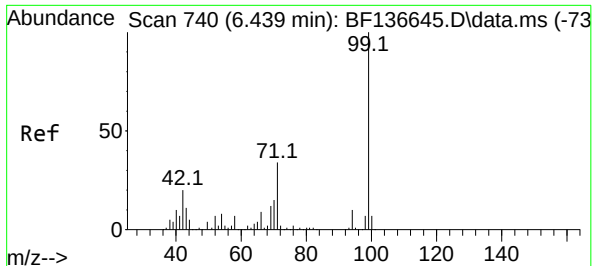
Tgt Ion:112 Resp: 294256
Ion Ratio Lower Upper
112 100
64 61.3 51.1 76.7
63 29.4 26.1 39.1



#6
Aniline
Concen: 11.605 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion: 93 Resp: 50161
Ion Ratio Lower Upper
93 100
66 82.2 34.6 51.8#
65 60.4 17.8 26.8#

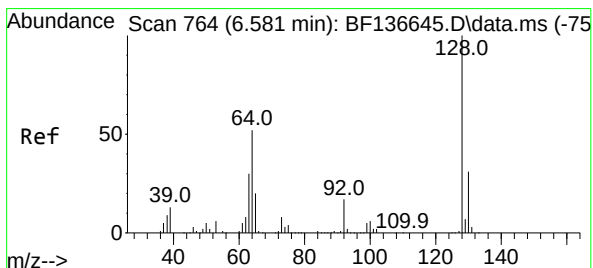
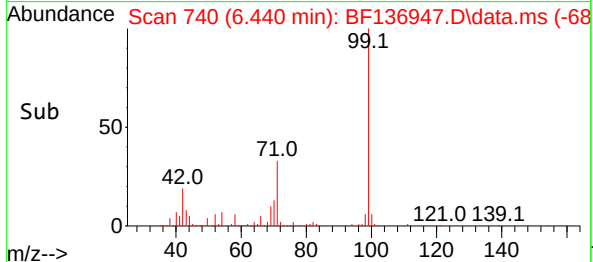
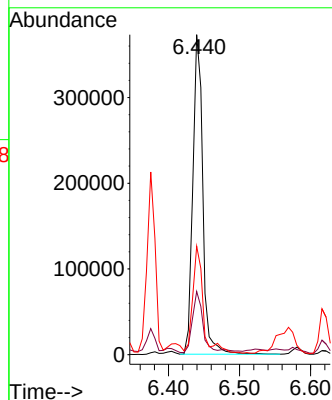
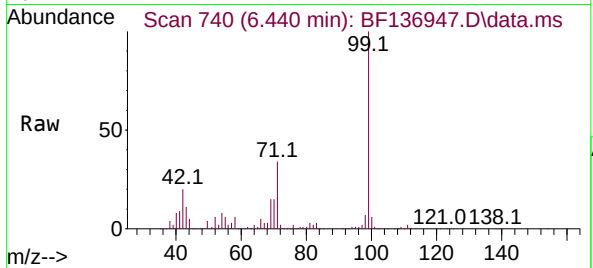




#7
Phenol-d6
Concen: 84.442 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

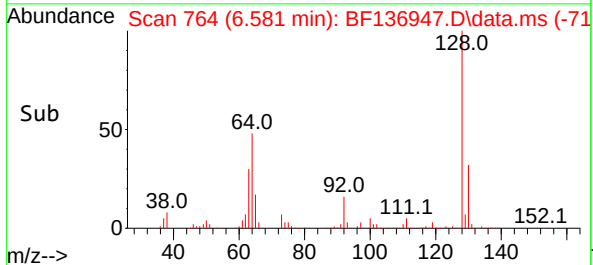
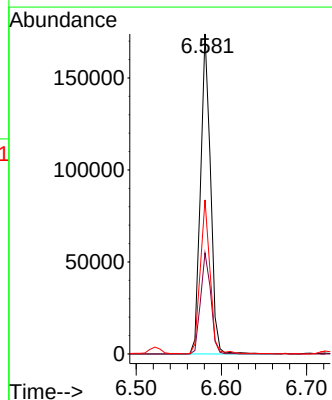
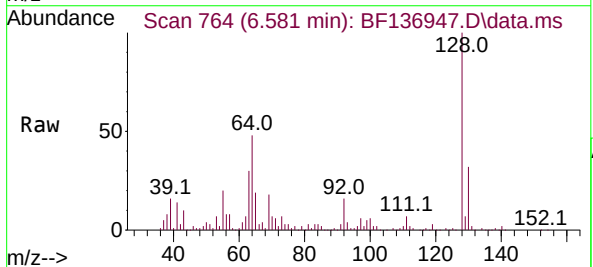
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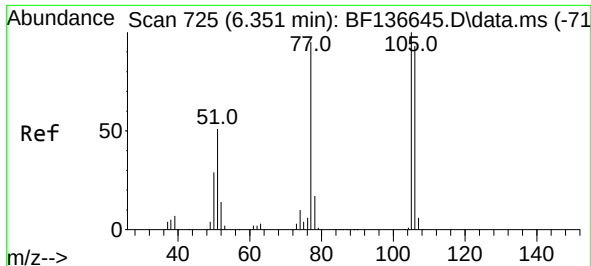
Tgt Ion: 99 Resp: 365049
Ion Ratio Lower Upper
99 100
42 19.8 16.1 24.1
71 33.9 27.4 41.2



#8
2-Chlorophenol
Concen: 38.829 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion: 128 Resp: 141765
Ion Ratio Lower Upper
128 100
130 31.6 11.3 51.3
64 48.2 32.5 72.5

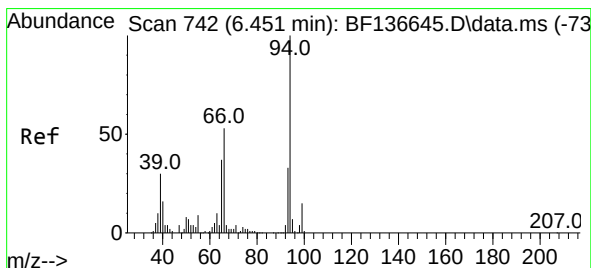
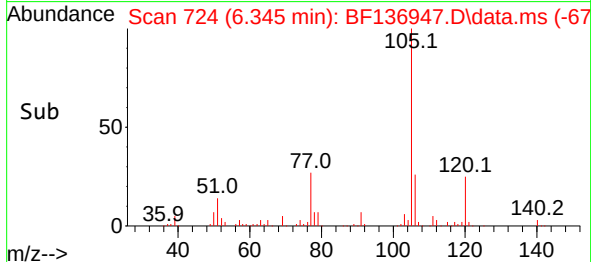
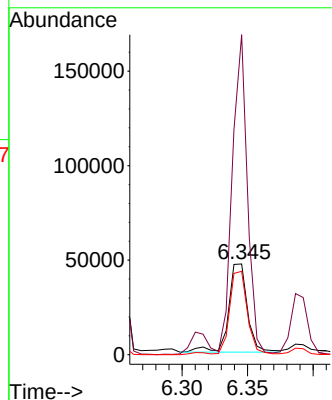
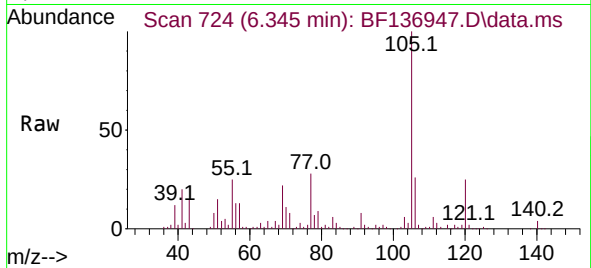




#9
Benzaldehyde
Concen: 18.940 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136947.D
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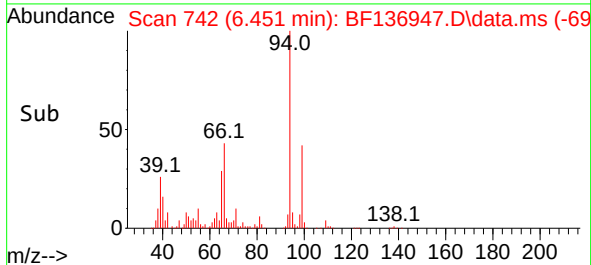
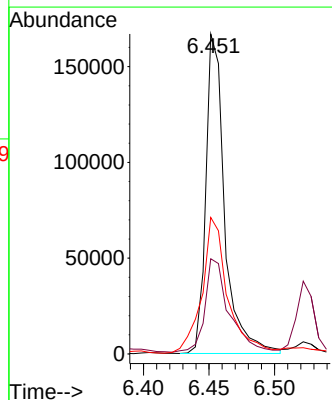
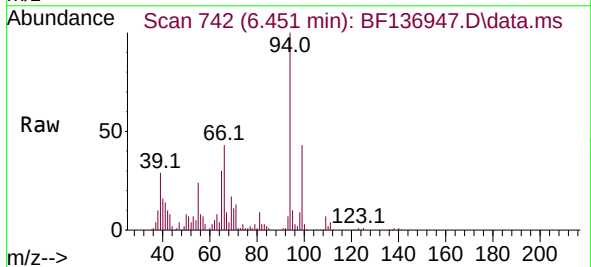
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ClientSampleId :
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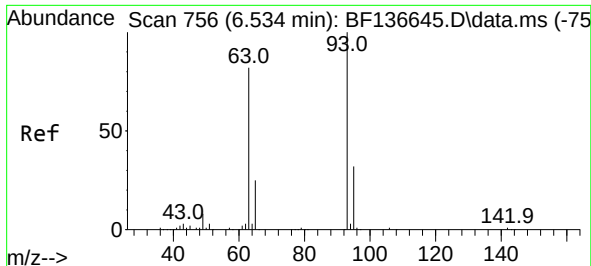
Tgt Ion: 77 Resp: 46573
Ion Ratio Lower Upper
77 100
105 352.7 84.8 124.8#
106 91.8 77.8 117.8



#10
Phenol
Concen: 36.266 ng
RT: 6.451 min Scan# 742
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion: 94 Resp: 167365
Ion Ratio Lower Upper
94 100
65 29.7 16.6 56.6
66 42.6 32.6 72.6

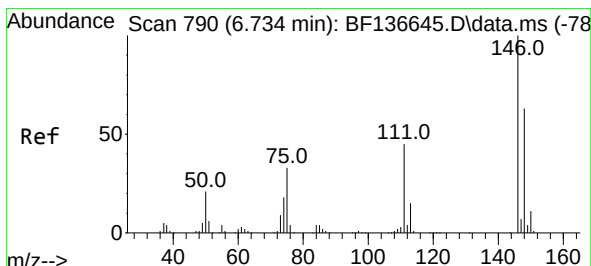
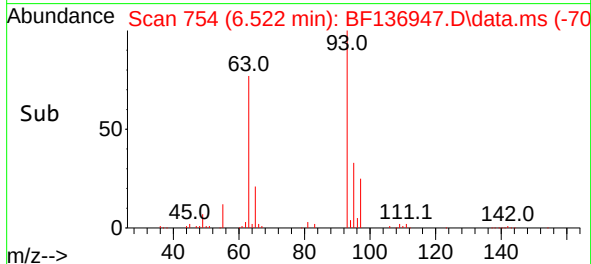
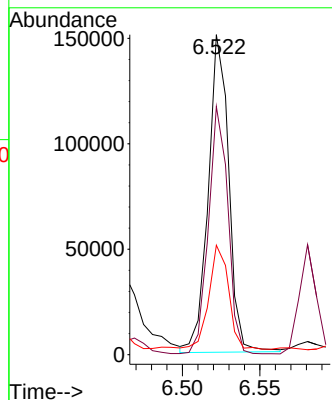
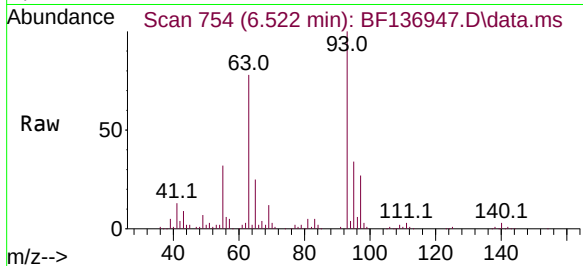




#11
bis(2-Chloroethyl)ether
Concen: 39.456 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

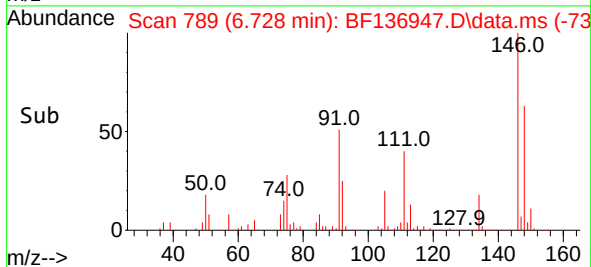
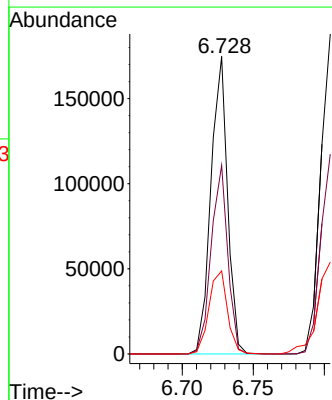
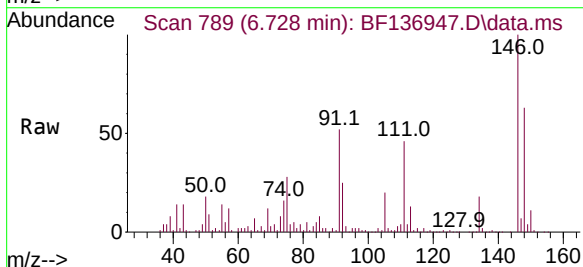
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

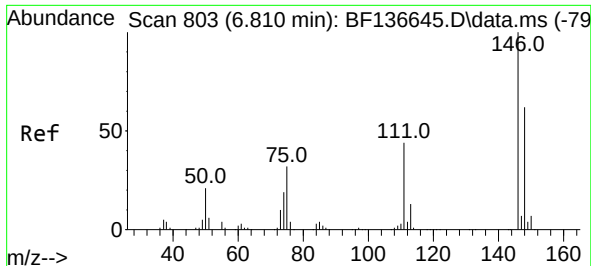
Tgt Ion: 93 Resp: 138474
Ion Ratio Lower Upper
93 100
63 77.6 61.2 101.2
95 34.2 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 35.753 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:146 Resp: 142400
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
75 27.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 36.228 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

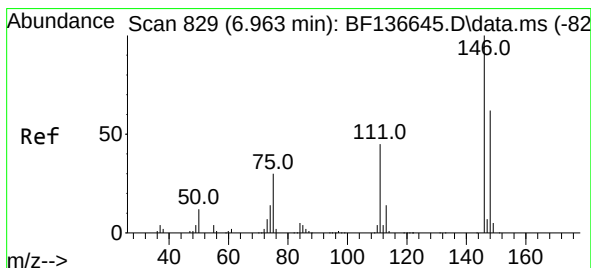
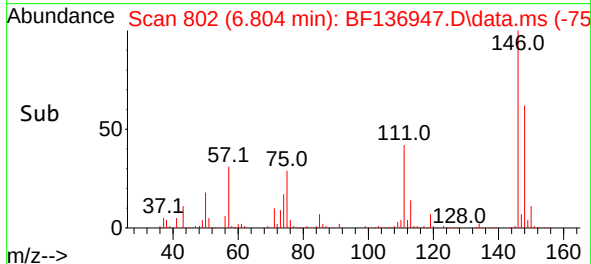
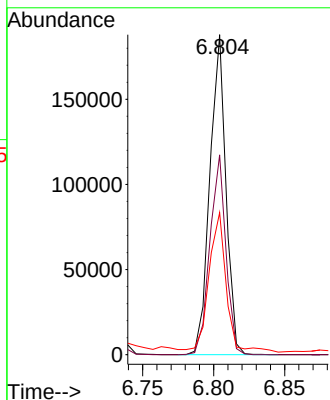
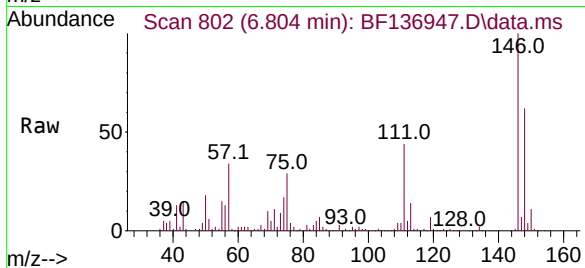
Tgt Ion:146 Resp: 147436

Ion Ratio Lower Upper

146 100

148 62.5 49.2 73.8

111 44.4 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 35.549 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

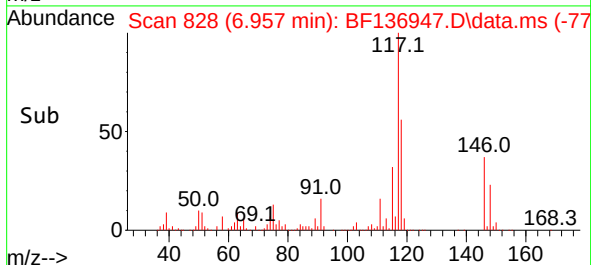
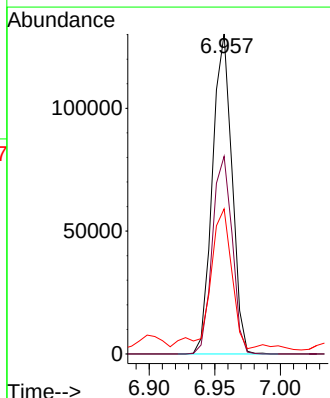
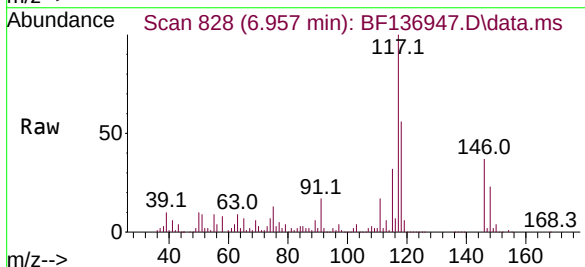
Tgt Ion:146 Resp: 134620

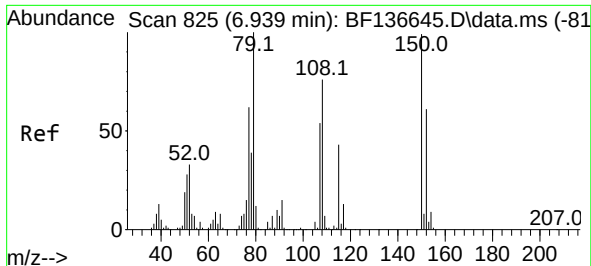
Ion Ratio Lower Upper

146 100

148 61.8 49.6 74.4

111 45.4 36.2 54.2

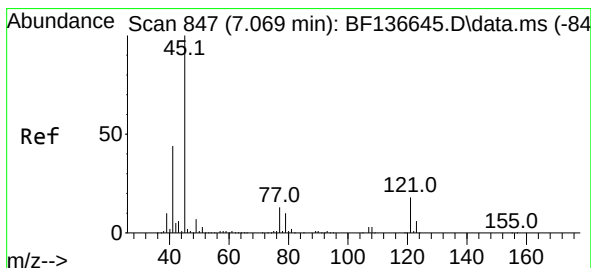
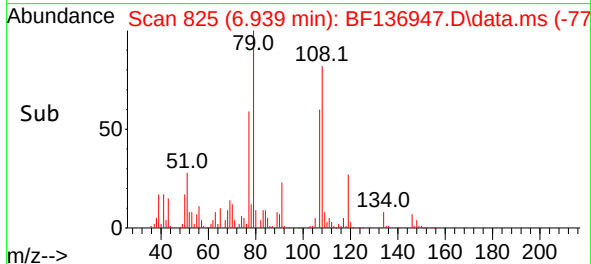
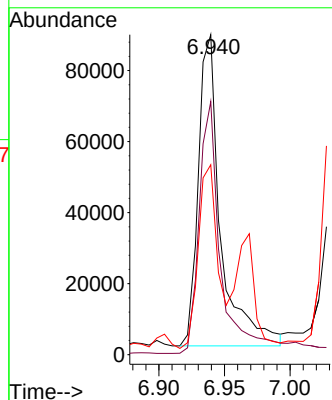
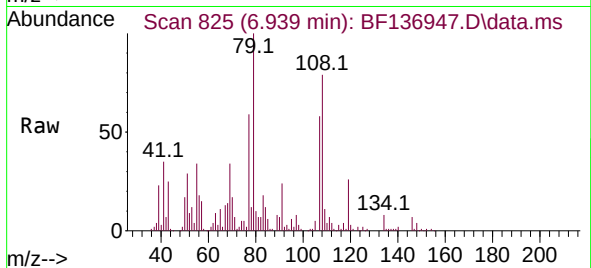




#15
Benzyl Alcohol
Concen: 35.815 ng
RT: 6.939 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

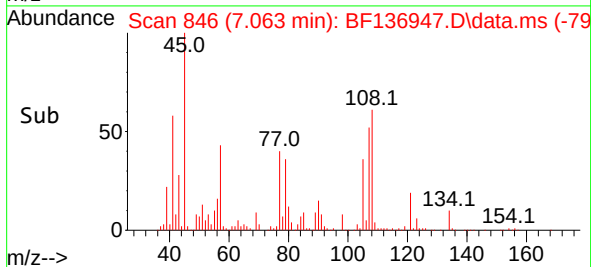
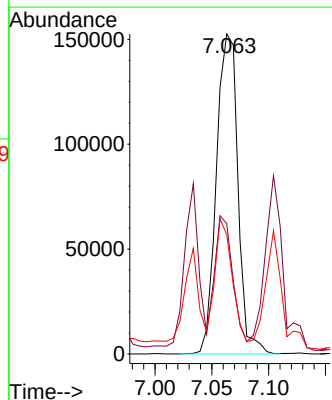
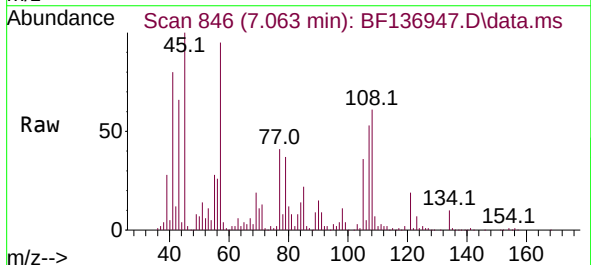
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

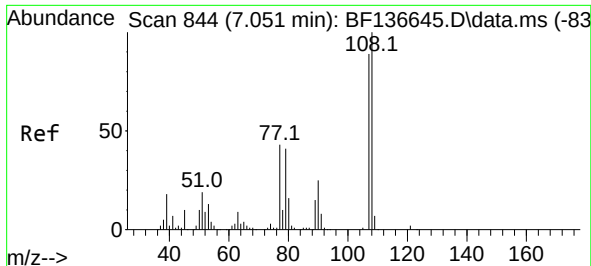
Tgt Ion: 79 Resp: 104455
Ion Ratio Lower Upper
79 100
108 79.1 61.0 91.6
77 59.3 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.059 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

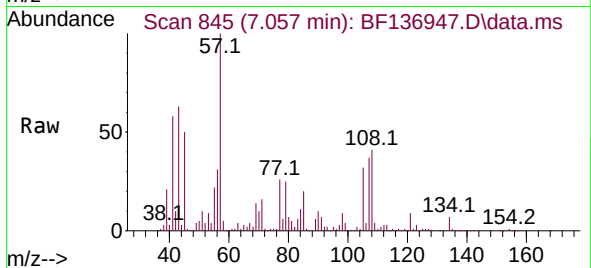
Tgt Ion: 45 Resp: 201165
Ion Ratio Lower Upper
45 100
77 40.8 0.0 34.3#
79 37.3 0.0 31.4#



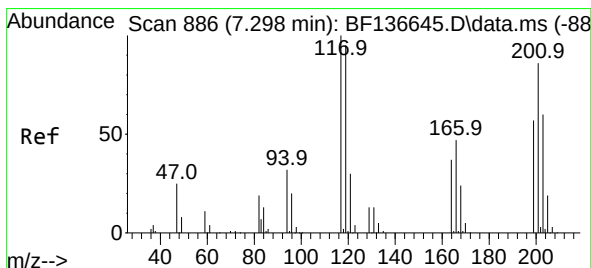
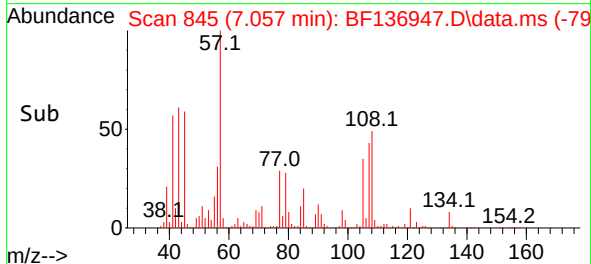
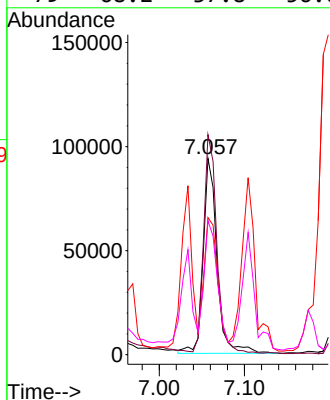


#17
2-Methylphenol
Concen: 34.900 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

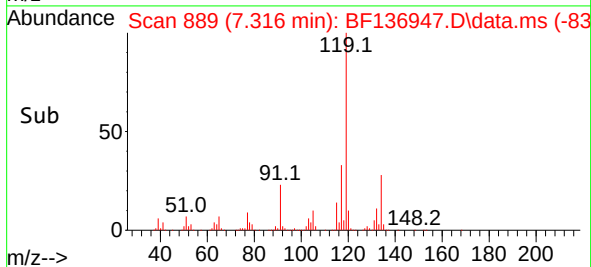
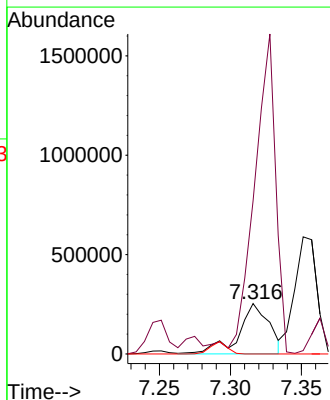
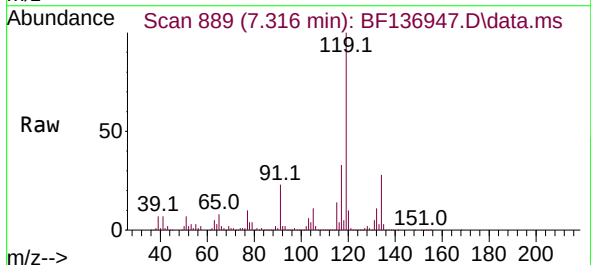


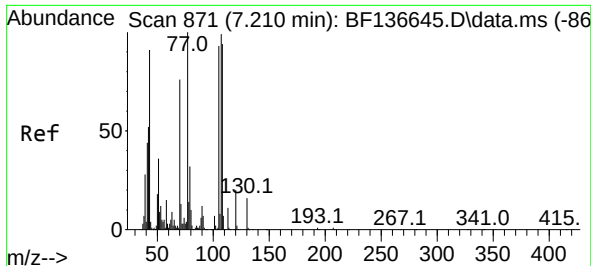
Tgt Ion:107 Resp: 105560
Ion Ratio Lower Upper
107 100
108 112.1 90.3 135.5
77 69.8 38.7 58.1#
79 68.2 37.8 56.6#



#18
Hexachloroethane
Concen: 255.254 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.018 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:117 Resp: 377257
Ion Ratio Lower Upper
117 100
119 303.6 75.8 113.6#
201 0.0 69.1 103.7#





#19

n-Nitroso-di-n-propylamine

Concen: 47.239 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136947.D

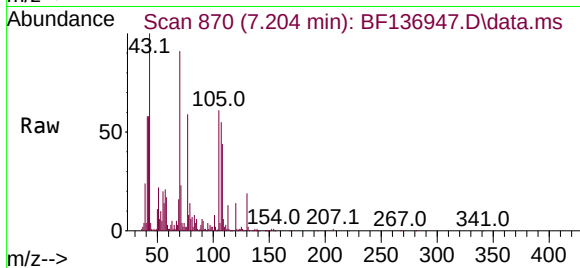
Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS



Tgt Ion: 70 Resp: 123796

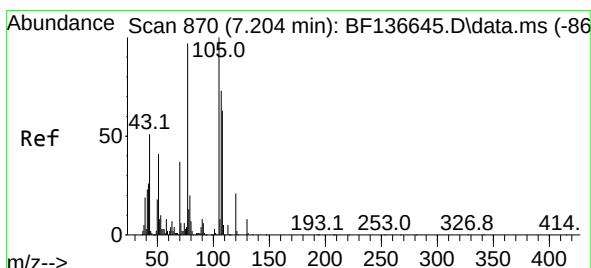
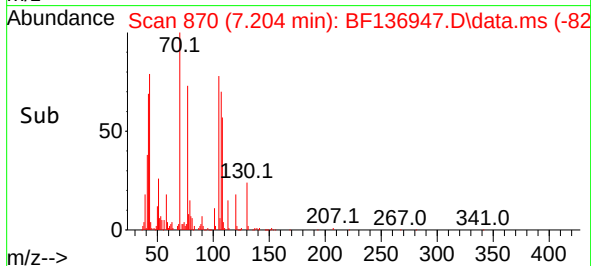
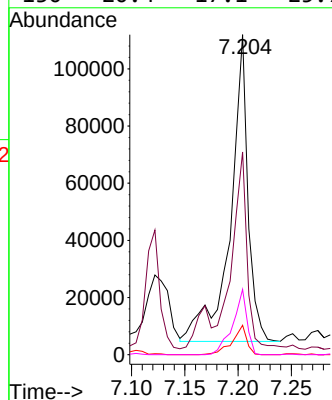
Ion Ratio Lower Upper

70 100

42 63.3 54.2 81.4

101 9.2 7.6 11.4

130 20.4 17.1 25.7



#20

3+4-Methylphenols

Concen: 37.182 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Tgt Ion:107 Resp: 140501

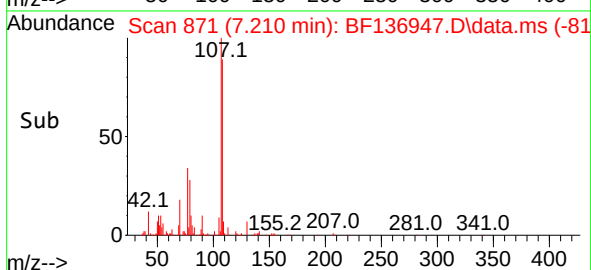
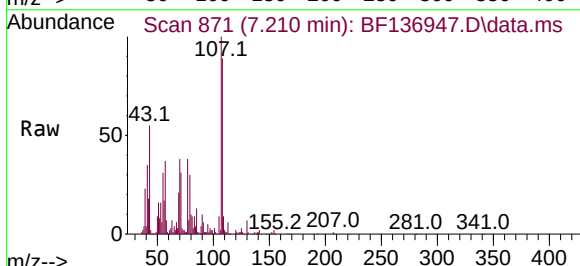
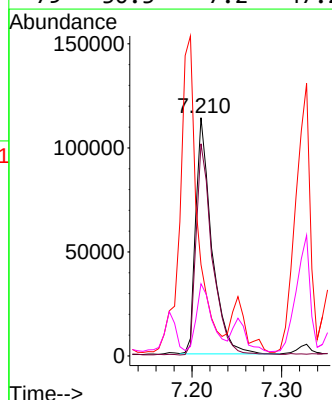
Ion Ratio Lower Upper

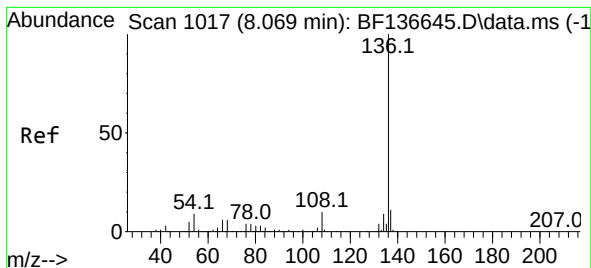
107 100

108 89.1 66.0 106.0

77 38.4 114.2 154.2#

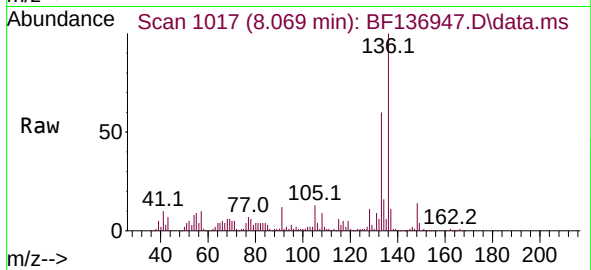
79 30.3 7.2 47.2



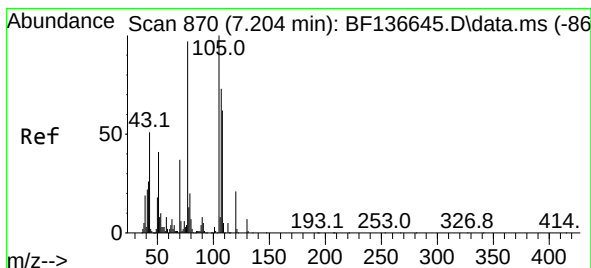
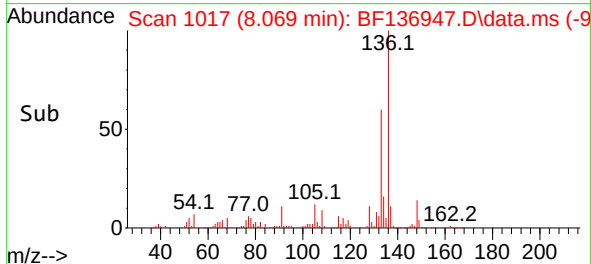
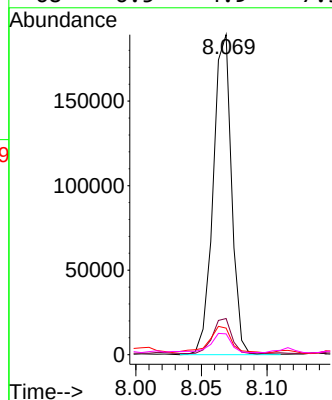


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

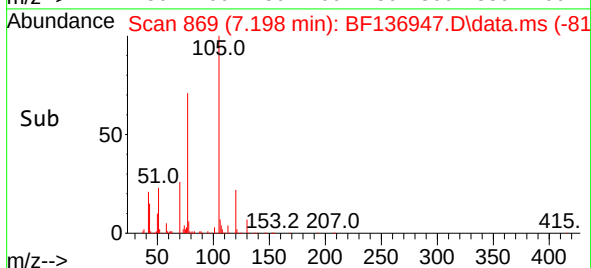
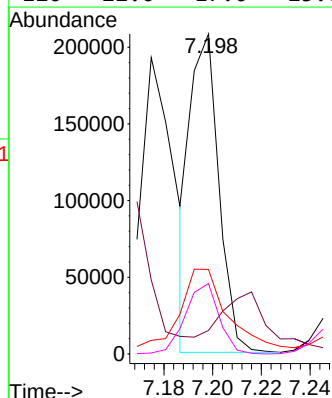
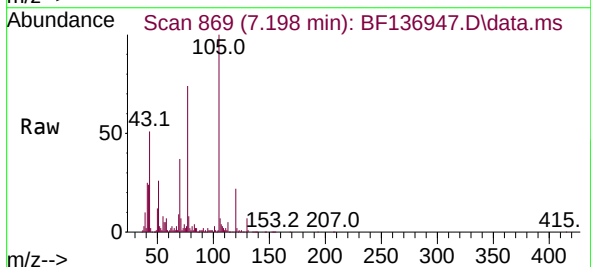


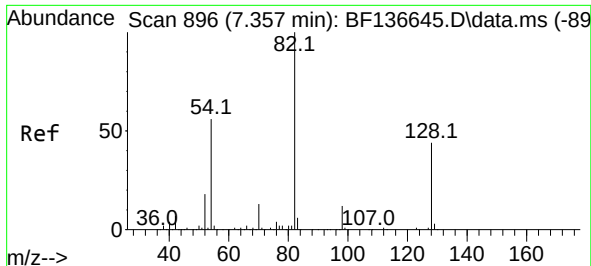
Tgt Ion:	136	Resp:	184040
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.0	13.4
54	8.3	7.2	10.8
68	6.5	4.9	7.3



#22
Acetophenone
Concen: 36.500 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:	105	Resp:	168371
Ion	Ratio	Lower	Upper
105	100		
71	7.4	4.8	7.2#
51	26.4	32.8	49.2#
120	22.0	17.0	25.6





#23

Nitrobenzene-d5

Concen: 57.156 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

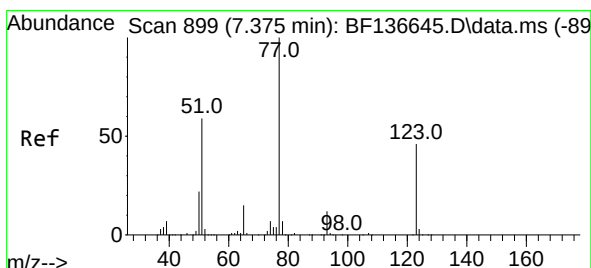
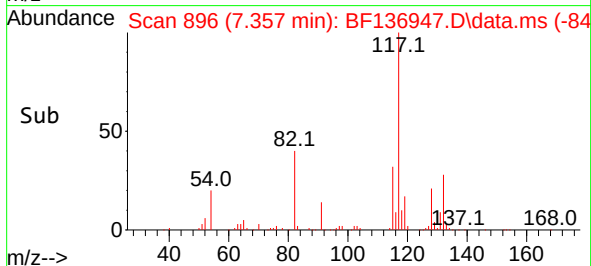
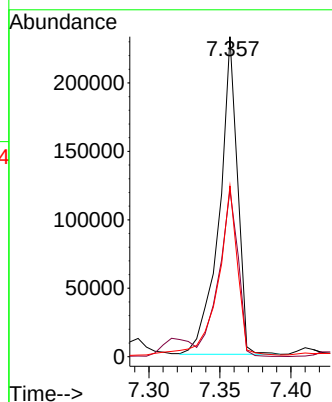
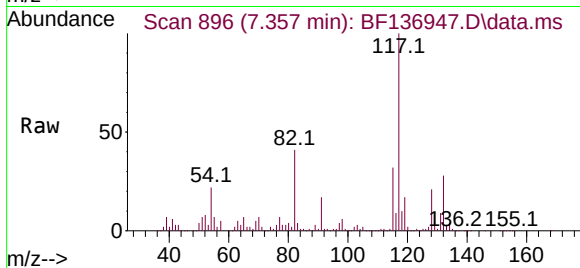
Tgt Ion: 82 Resp: 205567

Ion Ratio Lower Upper

82 100

128 52.2 35.3 52.9

54 53.4 44.5 66.7



#24

Nitrobenzene

Concen: 48.192 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

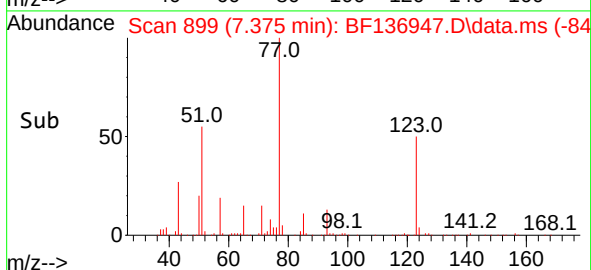
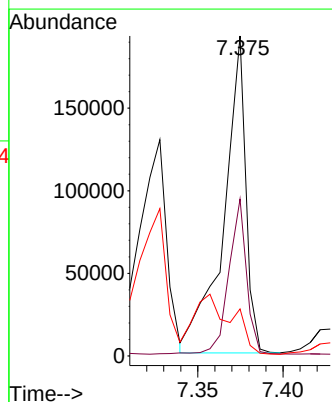
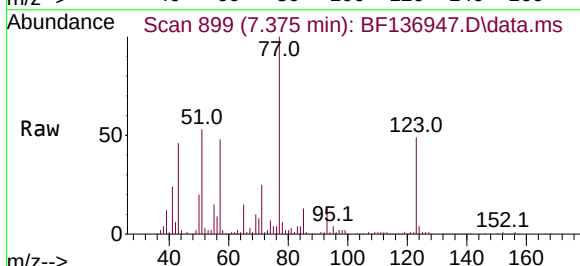
Tgt Ion: 77 Resp: 173628

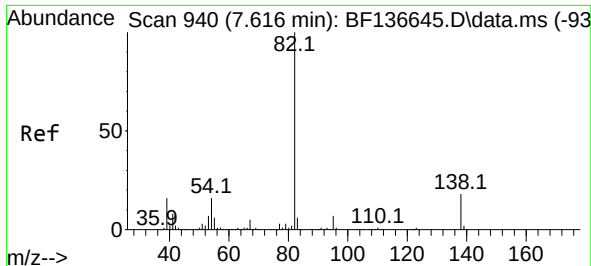
Ion Ratio Lower Upper

77 100

123 49.1 36.7 55.1

65 14.7 11.8 17.6

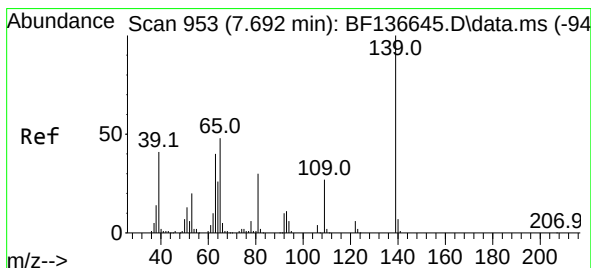
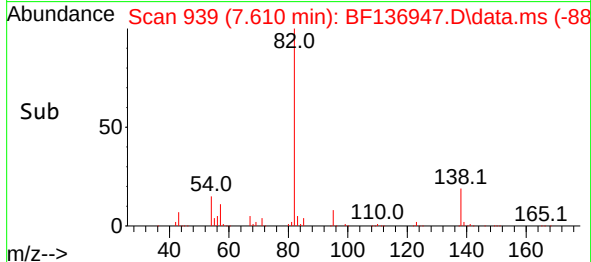
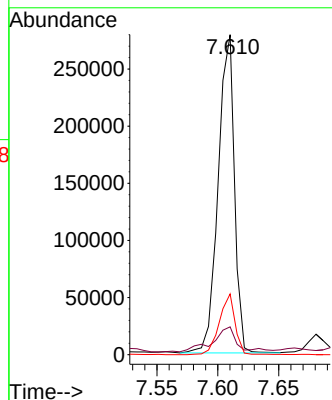
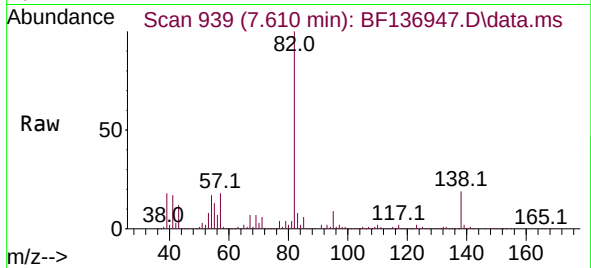




#25
Isophorone
Concen: 39.648 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

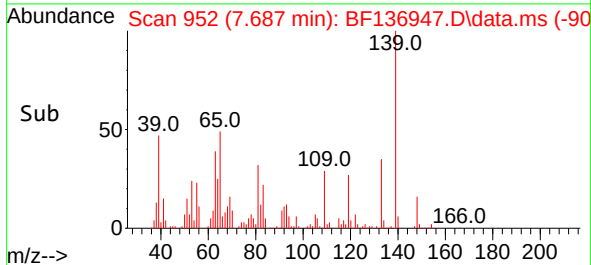
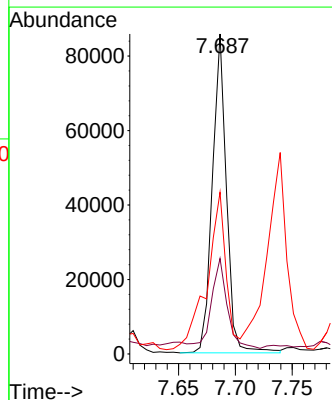
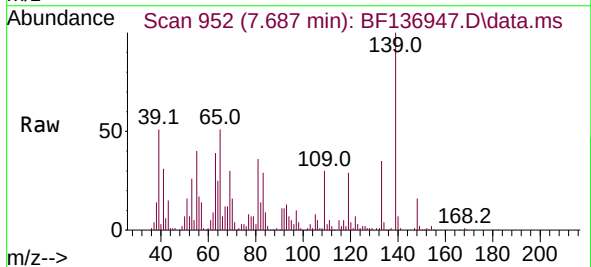
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

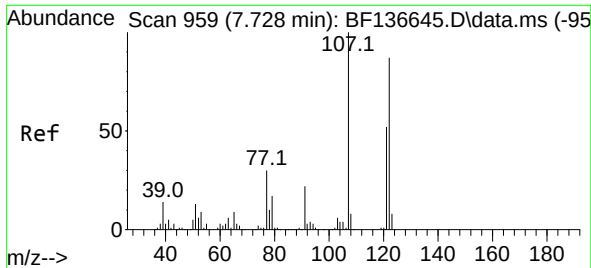
Tgt Ion: 82 Resp: 259471
Ion Ratio Lower Upper
82 100
95 8.7 5.5 8.3#
138 19.0 14.5 21.7



#26
2-Nitrophenol
Concen: 42.765 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:139 Resp: 73715
Ion Ratio Lower Upper
139 100
109 29.8 21.9 32.9
65 50.5 38.6 58.0

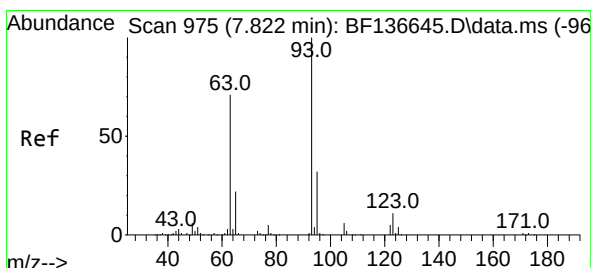
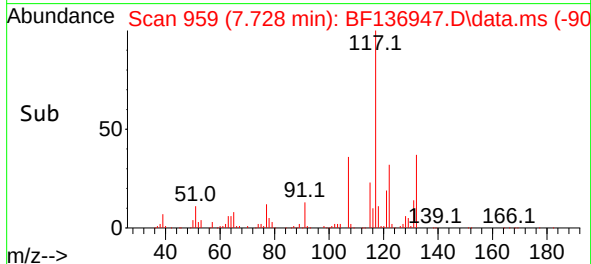
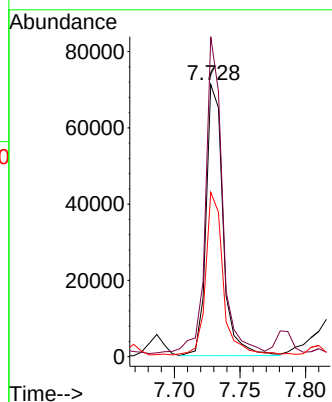
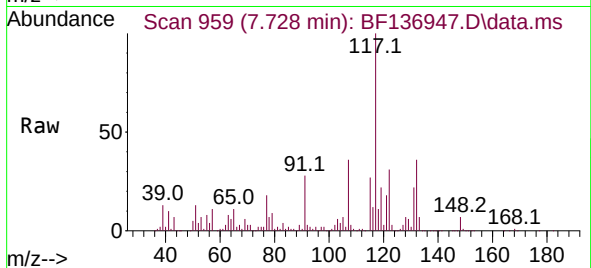




#27
2,4-Dimethylphenol
Concen: 30.519 ng
RT: 7.728 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

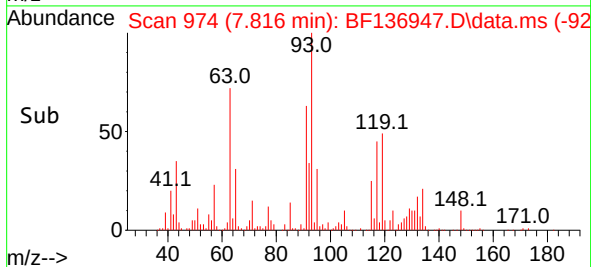
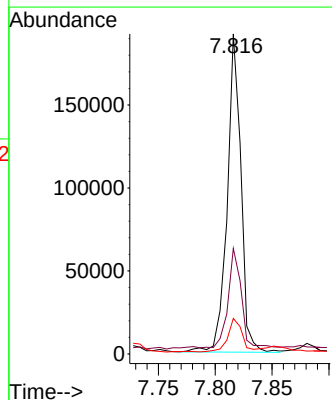
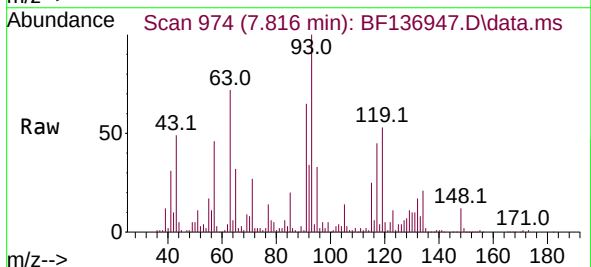
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

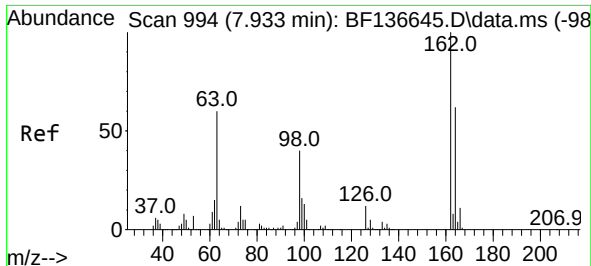
Tgt Ion:	122	Resp:	64046
Ion	Ratio	Lower	Upper
122	100		
107	117.6	92.0	138.0
121	60.4	47.5	71.3



#28
bis(2-Chloroethoxy)methane
Concen: 40.549 ng
RT: 7.816 min Scan# 974
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:	93	Resp:	161304
Ion	Ratio	Lower	Upper
93	100		
95	33.0	25.5	38.3
123	11.1	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 44.101 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF136947.D

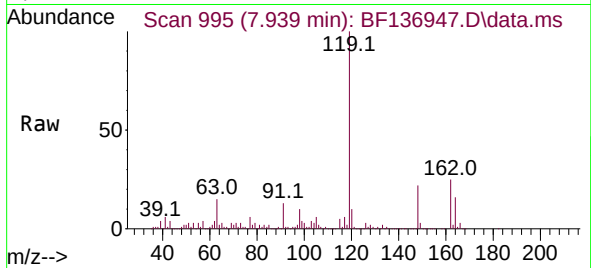
Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS



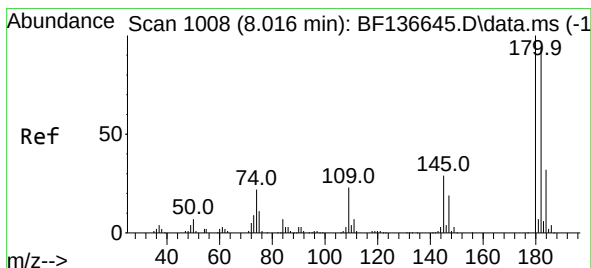
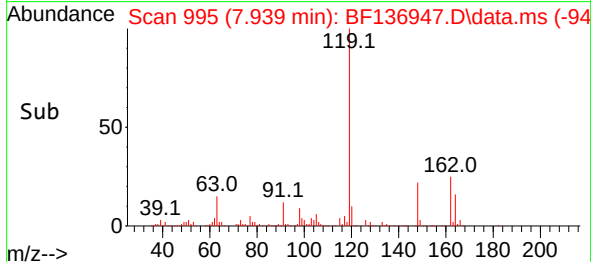
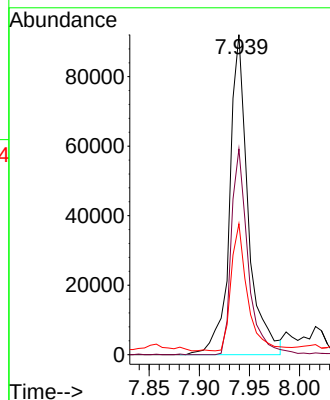
Tgt Ion:162 Resp: 119148

Ion Ratio Lower Upper

162 100

164 64.3 41.7 81.7

98 40.9 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 39.922 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

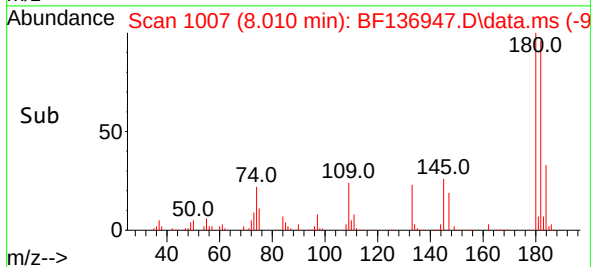
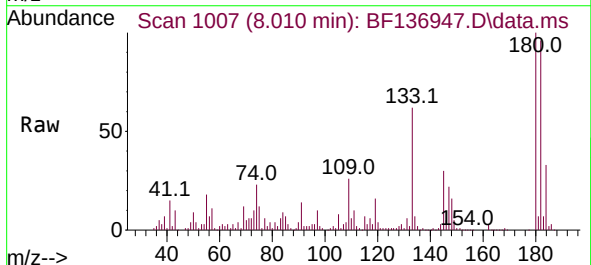
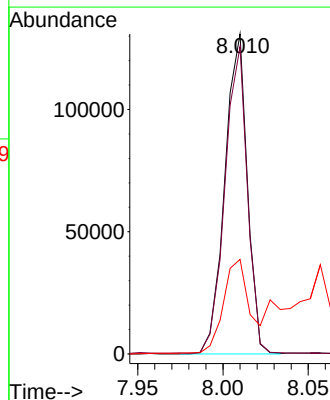
Tgt Ion:180 Resp: 120174

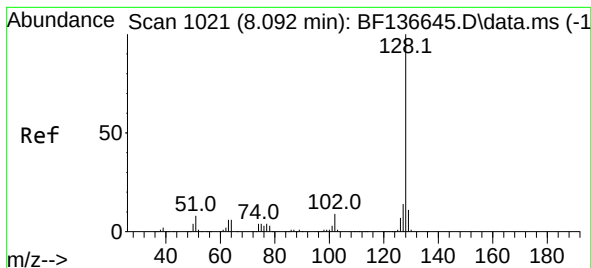
Ion Ratio Lower Upper

180 100

182 96.0 75.4 113.0

145 29.5 23.1 34.7





#31

Naphthalene

Concen: 110.586 ng

RT: 8.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

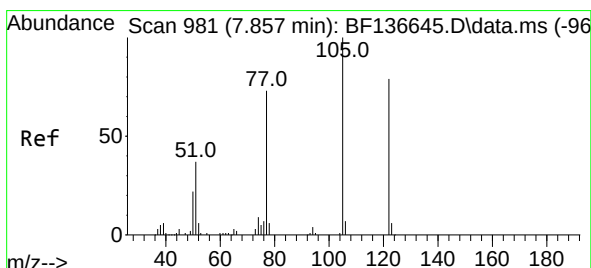
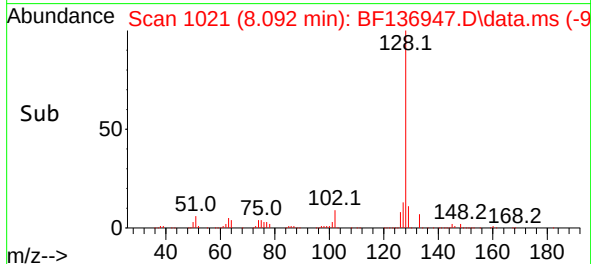
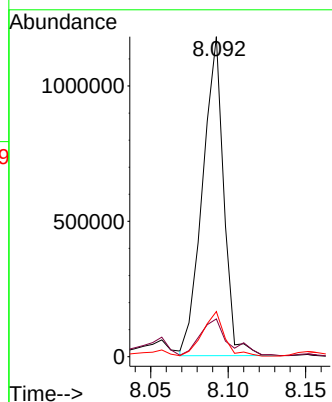
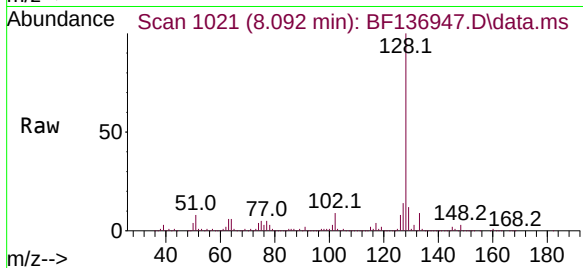
Tgt Ion:128 Resp: 1118101

Ion Ratio Lower Upper

128 100

129 11.8 8.7 13.1

127 14.1 10.8 16.2



#32

Benzoic acid

Concen: 39.913 ng

RT: 7.863 min Scan# 982

Delta R.T. 0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

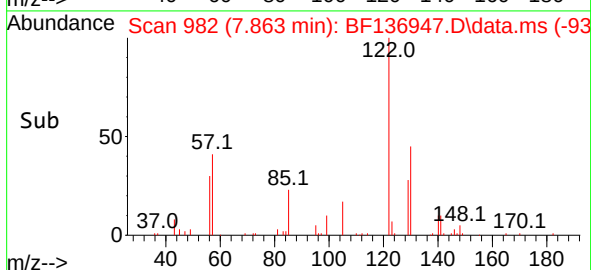
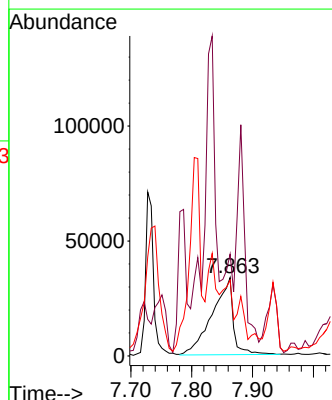
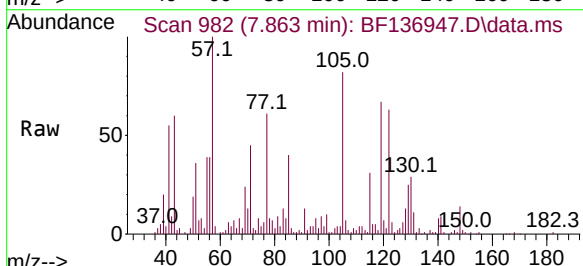
Tgt Ion:122 Resp: 81044

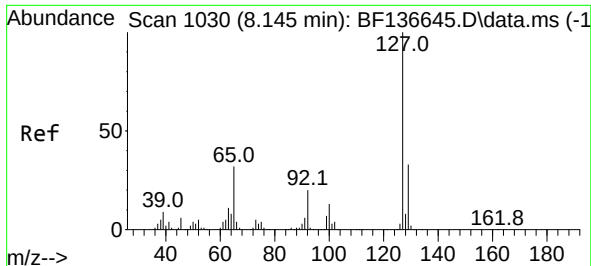
Ion Ratio Lower Upper

122 100

105 130.0 100.8 140.8

77 96.6 70.9 110.9

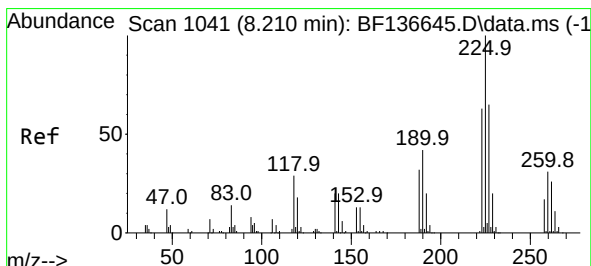
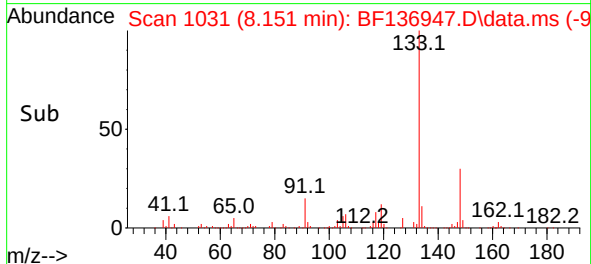
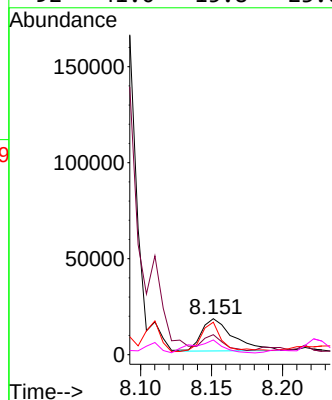
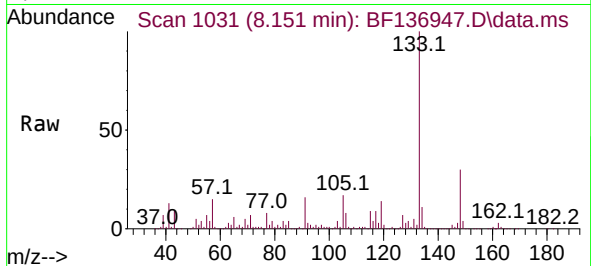




#33
4-Chloroaniline
Concen: 6.978 ng
RT: 8.151 min Scan# 1030
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

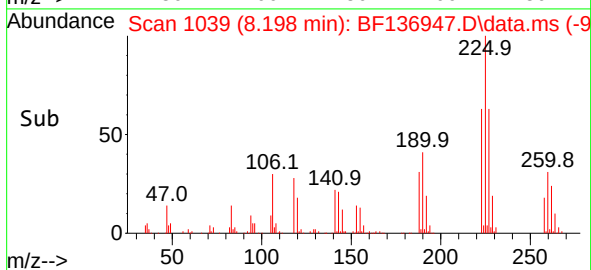
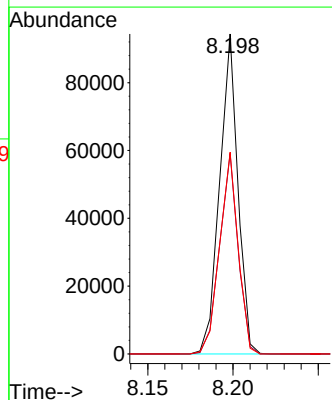
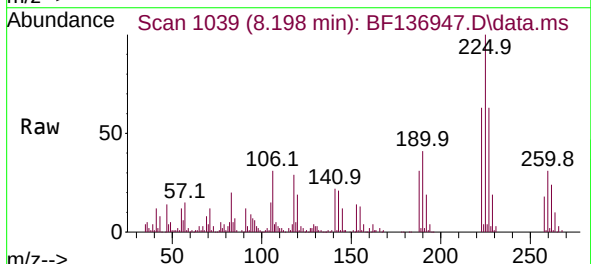
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

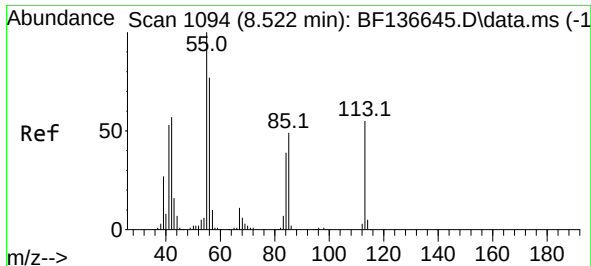
Tgt Ion:127	Resp:	26048
Ion Ratio	Lower	Upper
127	100	
129	55.6	26.3 39.5#
65	90.0	25.8 38.8#
92	41.0	15.8 23.6#



#34
Hexachlorobutadiene
Concen: 38.466 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:225	Resp:	70351
Ion Ratio	Lower	Upper
225	100	
223	62.6	50.6 76.0
227	63.0	51.9 77.9

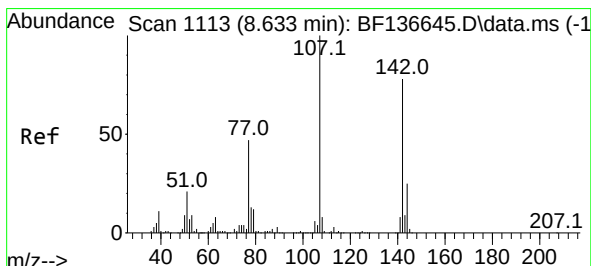
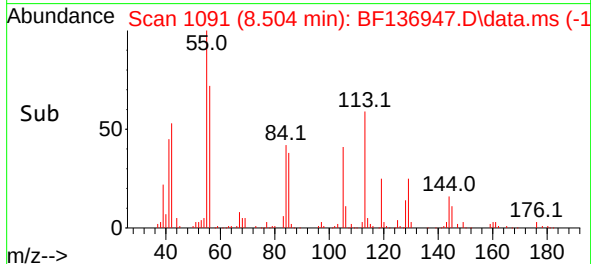
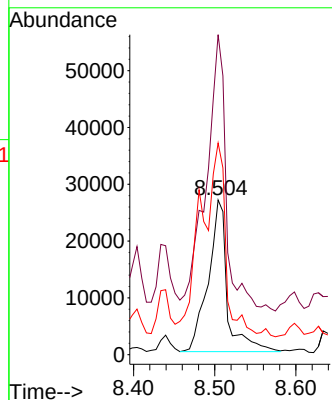
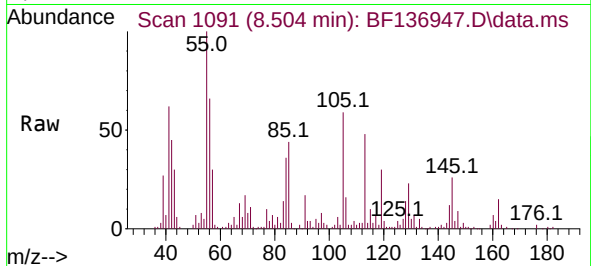




#35
Caprolactam
Concen: 48.980 ng
RT: 8.504 min Scan# 1091
Delta R.T. -0.018 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

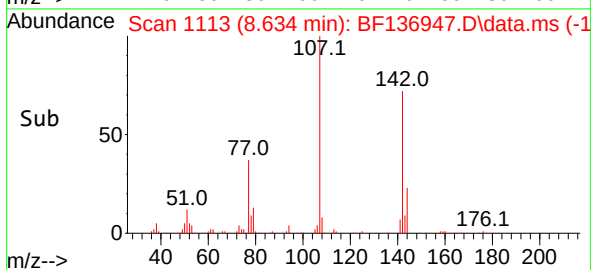
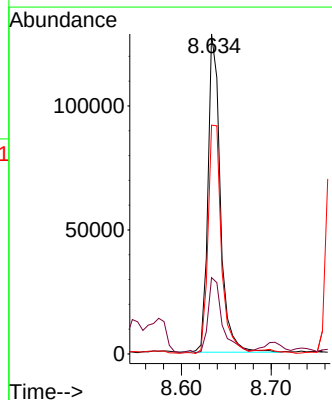
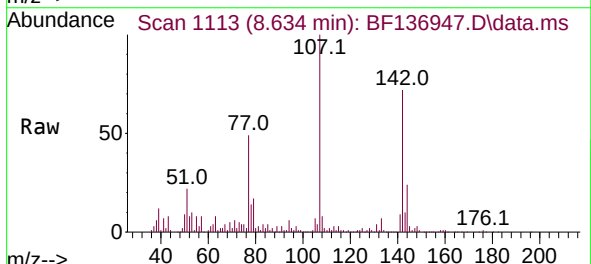
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

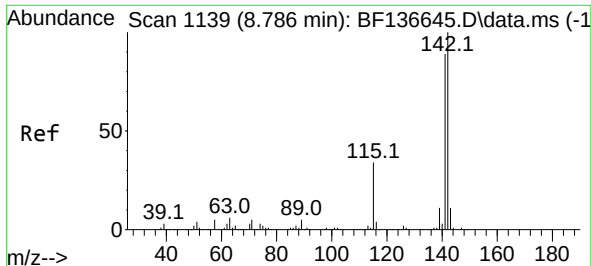
Tgt Ion:113 Resp: 43655
Ion Ratio Lower Upper
113 100
55 206.9 163.1 203.1#
56 136.9 121.7 161.7



#36
4-Chloro-3-methylphenol
Concen: 40.330 ng
RT: 8.634 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:107 Resp: 122664
Ion Ratio Lower Upper
107 100
144 23.9 20.2 30.2
142 71.5 62.3 93.5





#37

2-Methylnaphthalene

Concen: 184.245 ng

RT: 8.786 min Scan# 1139

Delta R.T. 0.000 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

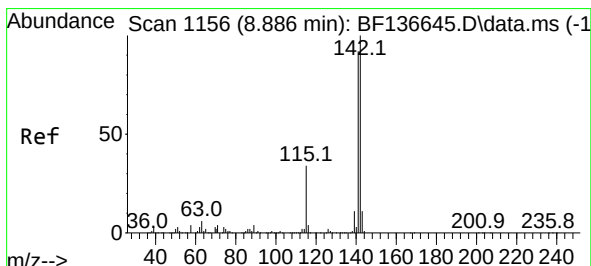
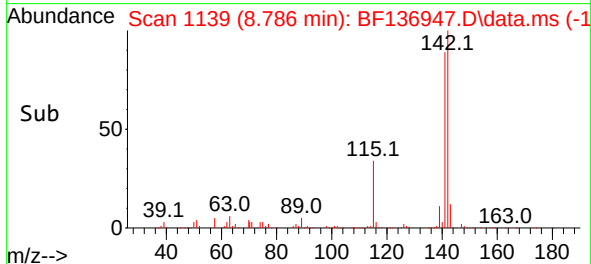
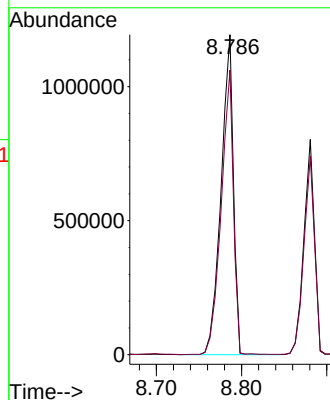
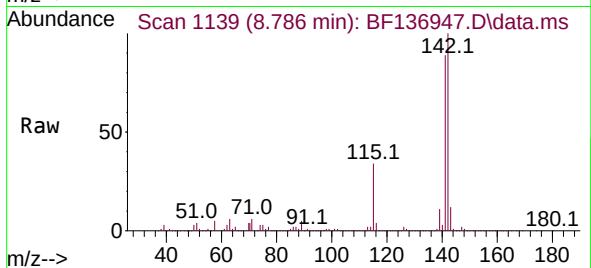
SB32-2-20231222-7.5-8.5MS

Tgt Ion:142 Resp: 1198866

Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7



#38

1-Methylnaphthalene

Concen: 109.432 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136947.D

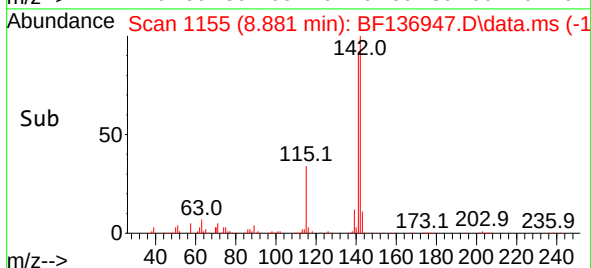
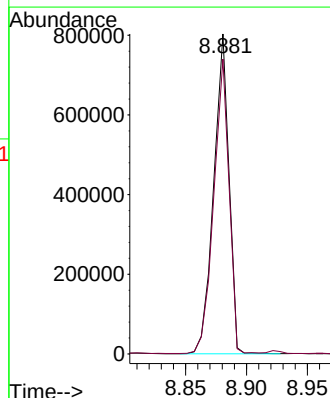
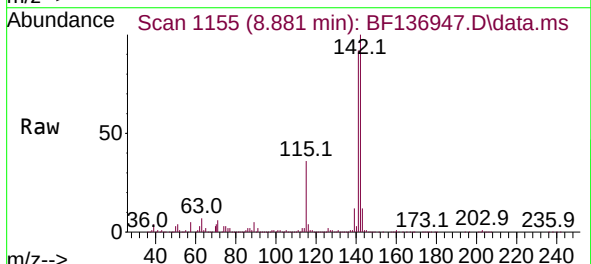
Acq: 04 Jan 2024 18:41

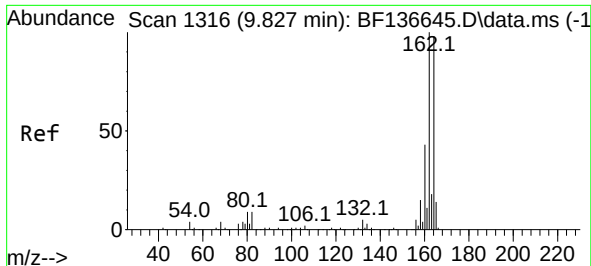
Tgt Ion:142 Resp: 698594

Ion Ratio Lower Upper

142 100

141 92.1 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

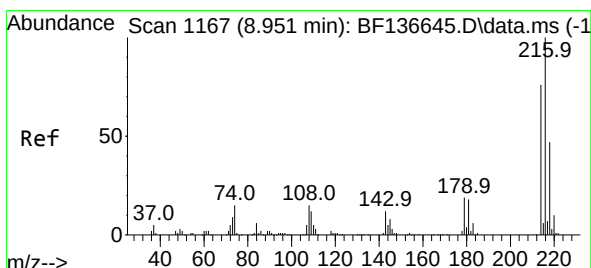
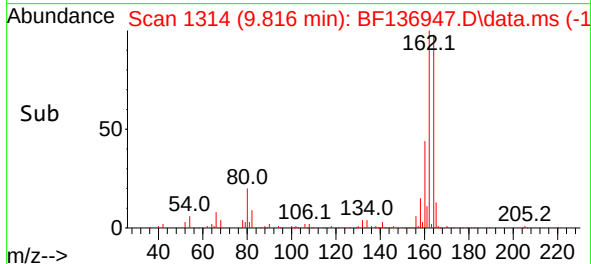
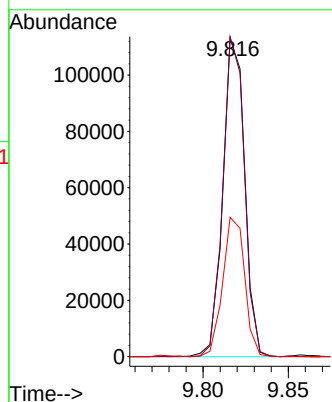
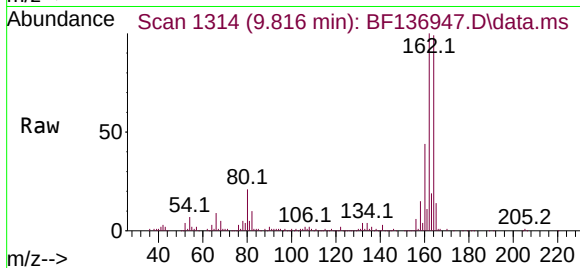
Tgt Ion:164 Resp: 100792

Ion Ratio Lower Upper

164 100

162 100.5 81.6 122.4

160 43.8 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.473 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Tgt Ion:216 Resp: 129456

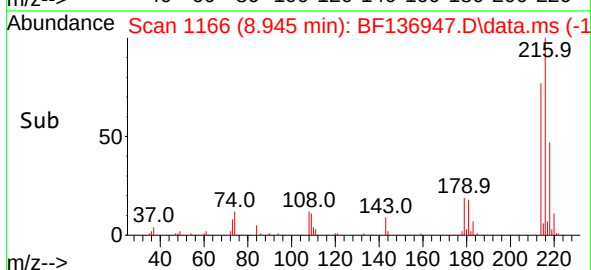
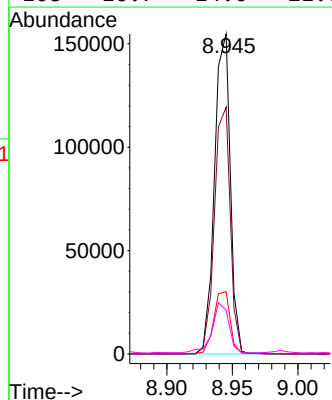
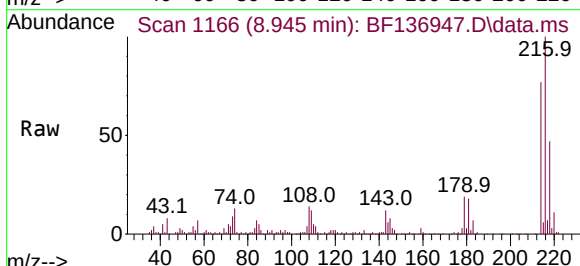
Ion Ratio Lower Upper

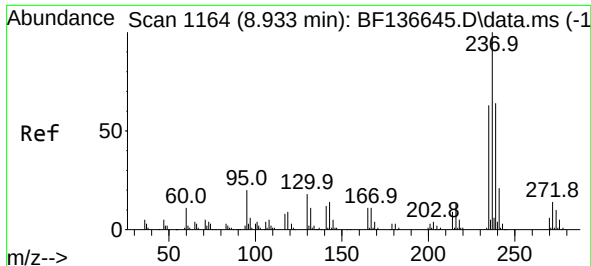
216 100

214 77.7 62.3 93.5

179 20.1 16.4 24.6

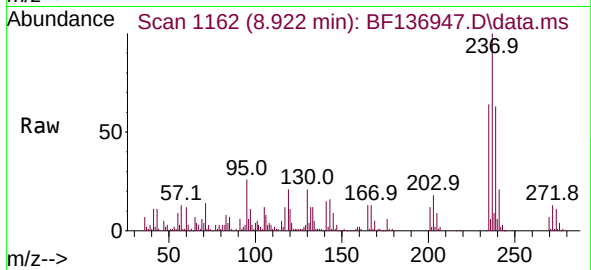
108 16.7 14.0 21.0



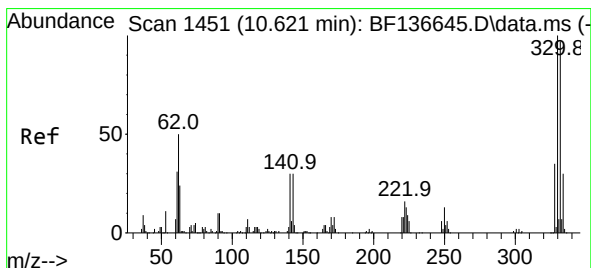
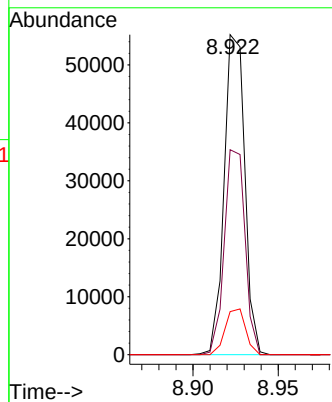
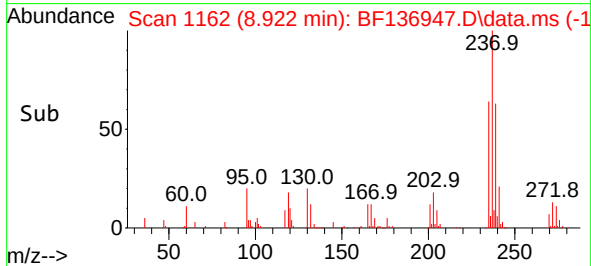


#41
Hexachlorocyclopentadiene
Concen: 48.855 ng
RT: 8.922 min Scan# 1162
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

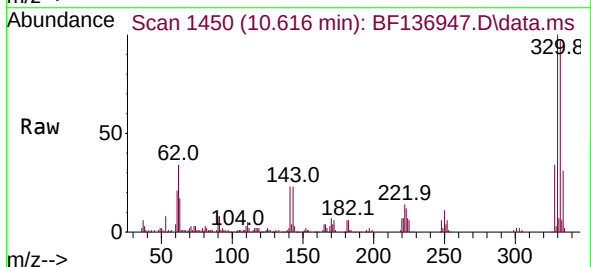
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS



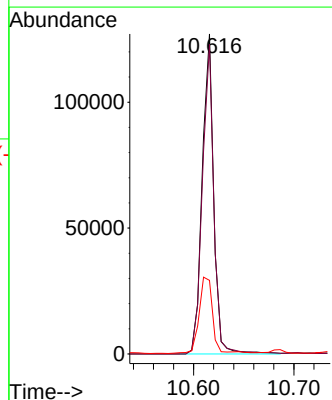
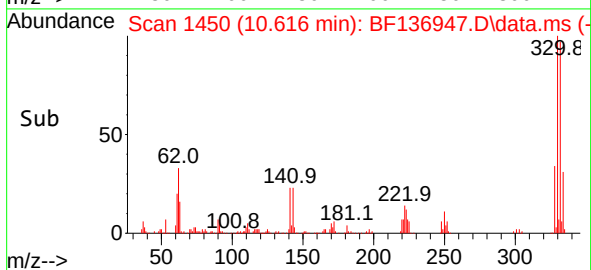
Tgt Ion:237 Resp: 46602
Ion Ratio Lower Upper
237 100
235 64.1 43.2 83.2
272 13.5 0.0 34.2

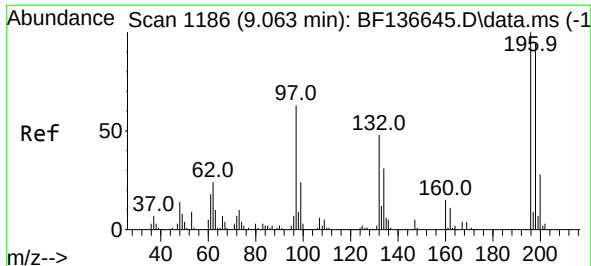


#42
2,4,6-Tribromophenol
Concen: 85.628 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41



Tgt Ion:330 Resp: 101645
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 28.3 23.4 35.2

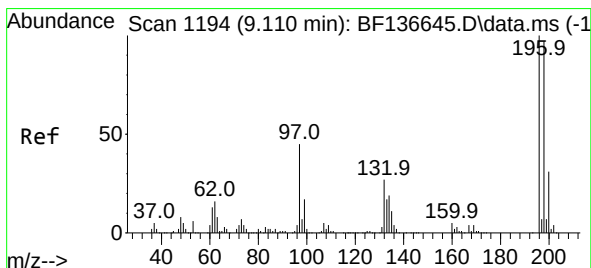
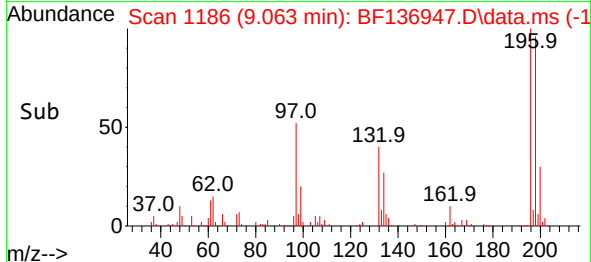
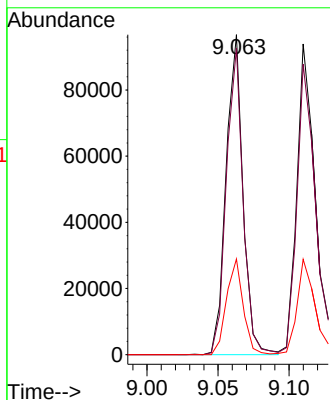
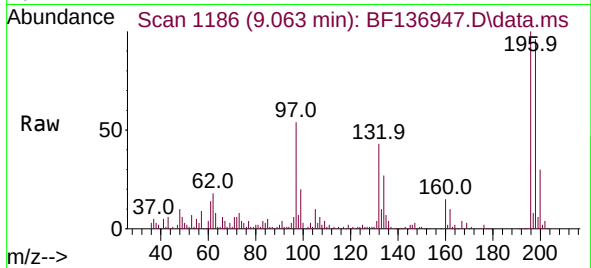




#43
2,4,6-Trichlorophenol
Concen: 39.967 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

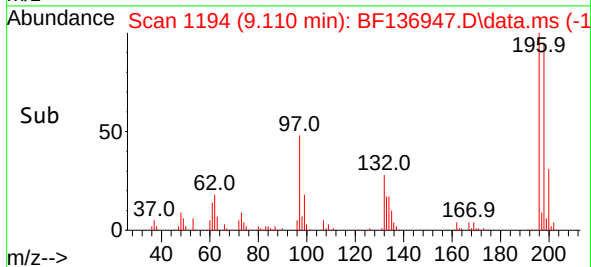
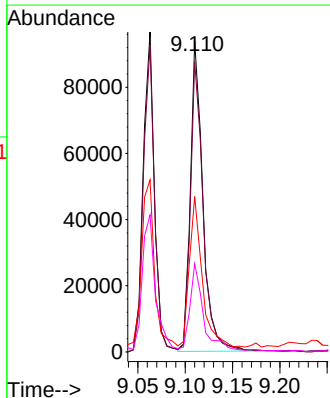
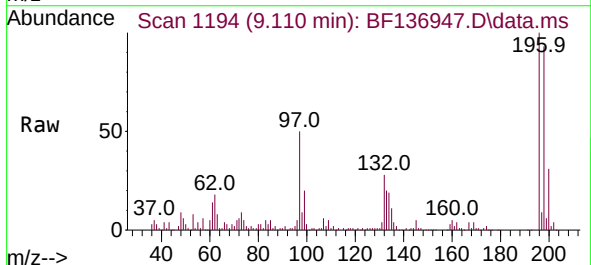
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

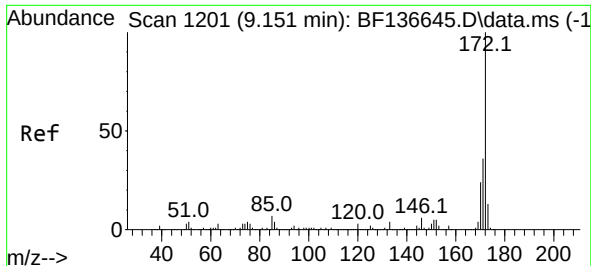
Tgt Ion:196 Resp: 80009
Ion Ratio Lower Upper
196 100
198 95.8 75.1 112.7
200 29.9 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 38.917 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:196 Resp: 86816
Ion Ratio Lower Upper
196 100
198 93.5 77.0 115.6
97 50.0 36.1 54.1
132 28.4 21.8 32.6

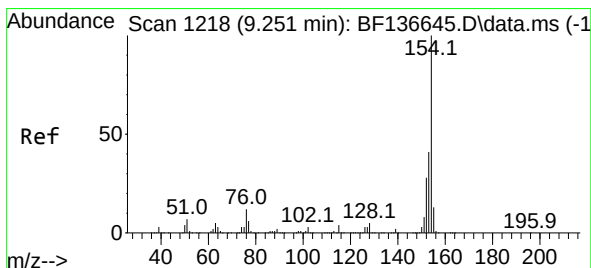
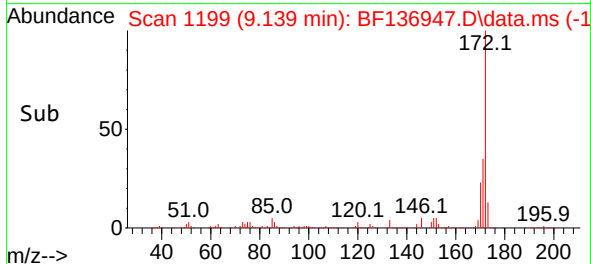
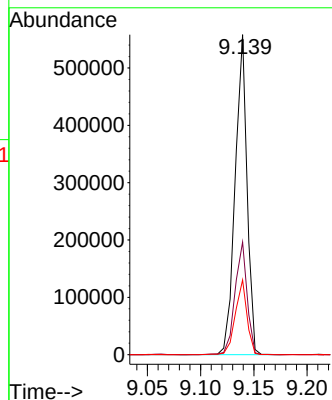
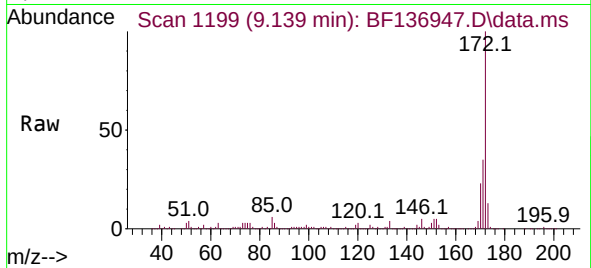




#45
2-Fluorobiphenyl
Concen: 58.043 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

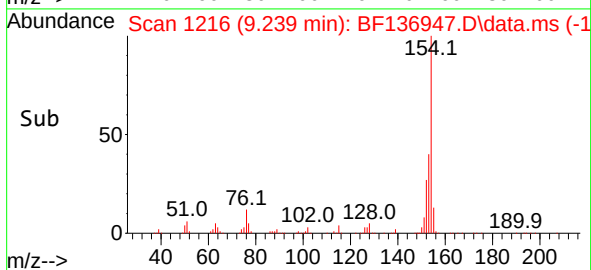
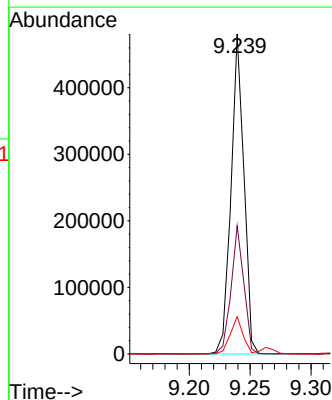
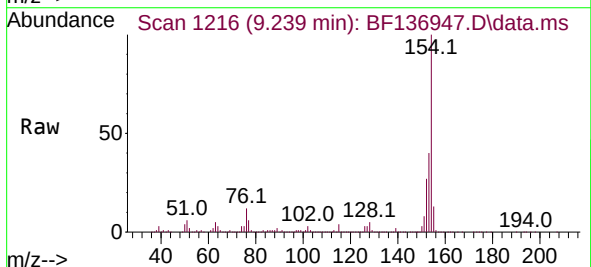
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

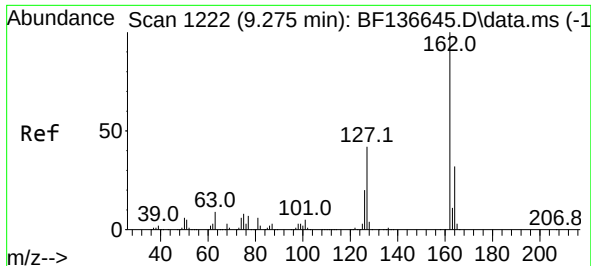
Tgt Ion:172 Resp: 434967
Ion Ratio Lower Upper
172 100
171 35.2 29.0 43.6
170 23.4 19.0 28.4



#46
1,1'-Biphenyl
Concen: 41.804 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:154 Resp: 353574
Ion Ratio Lower Upper
154 100
153 40.1 21.1 61.1
76 11.7 0.0 31.7





#47

2-Chloronaphthalene

Concen: 38.303 ng

RT: 9.263 min Scan# 1222

Delta R.T. -0.012 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

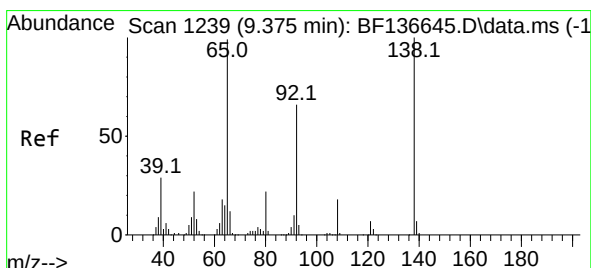
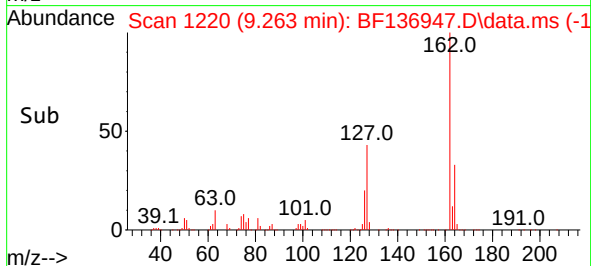
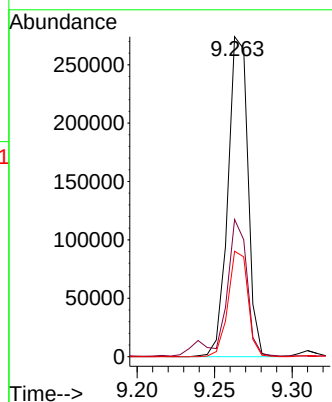
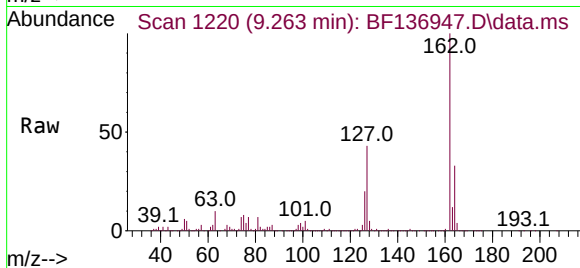
Tgt Ion:162 Resp: 246287

Ion Ratio Lower Upper

162 100

127 42.9 33.6 50.4

164 33.0 25.7 38.5



#48

2-Nitroaniline

Concen: 39.174 ng

RT: 9.369 min Scan# 1238

Delta R.T. -0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

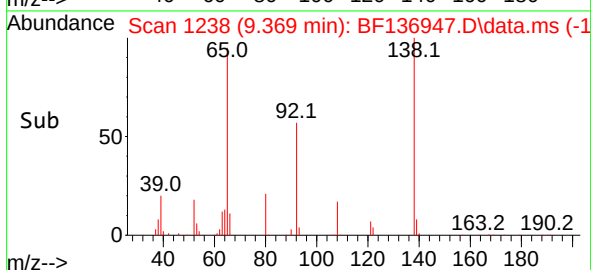
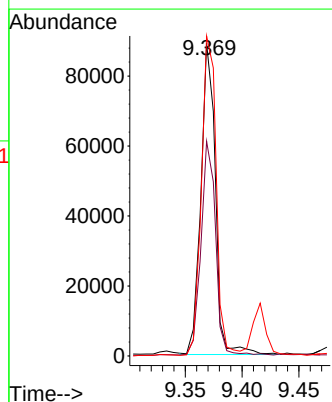
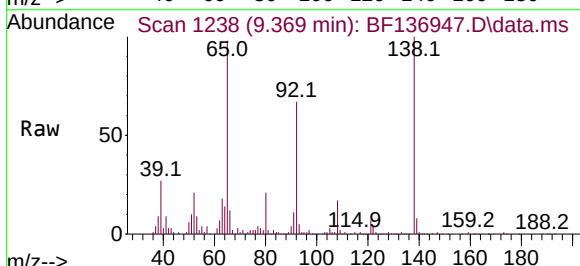
Tgt Ion: 65 Resp: 78877

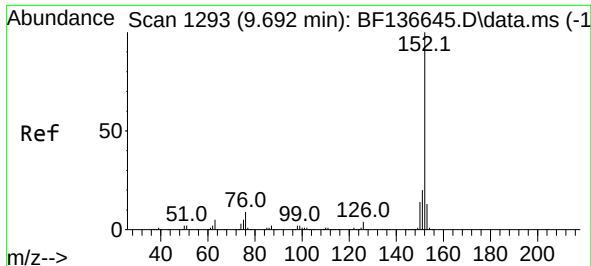
Ion Ratio Lower Upper

65 100

92 68.6 53.2 79.8

138 102.2 81.1 121.7

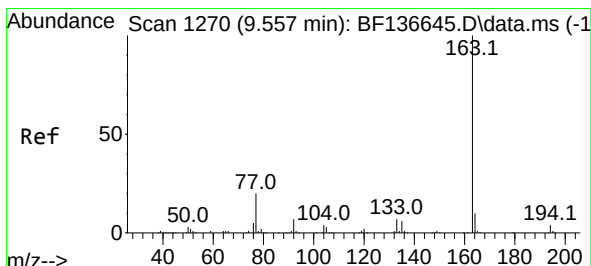
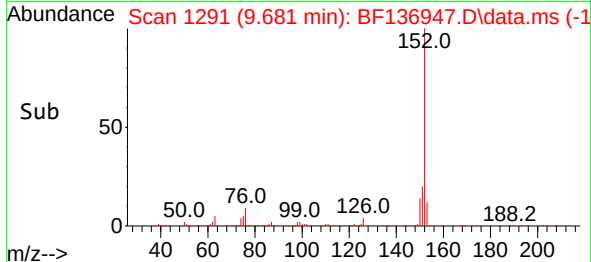
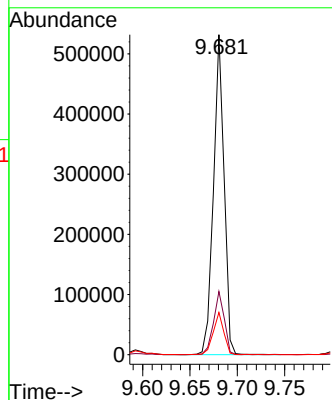
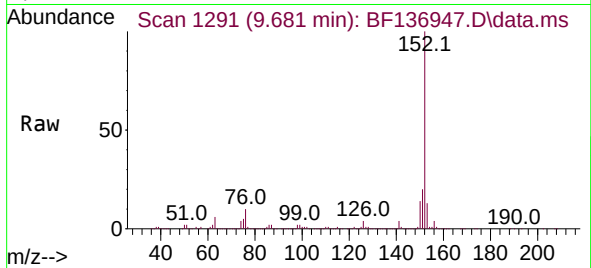




#49
Acenaphthylene
Concen: 42.005 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

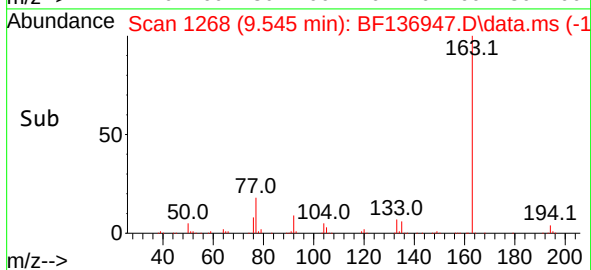
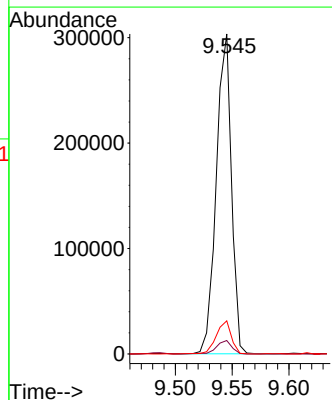
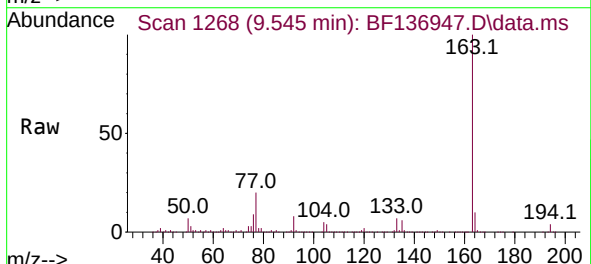
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

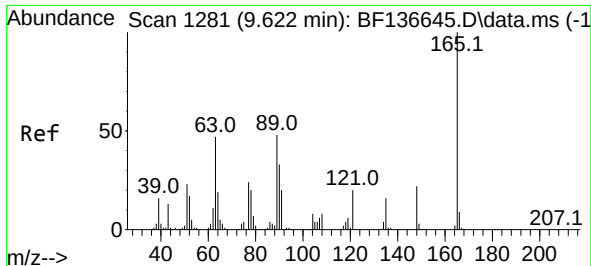
Tgt Ion:152 Resp: 412821
Ion Ratio Lower Upper
152 100
151 19.8 16.2 24.4
153 13.2 10.2 15.2



#50
Dimethylphthalate
Concen: 38.271 ng
RT: 9.545 min Scan# 1268
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:163 Resp: 281754
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 10.4 7.8 11.6





#51

2,6-Dinitrotoluene

Concen: 38.286 ng

RT: 9.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

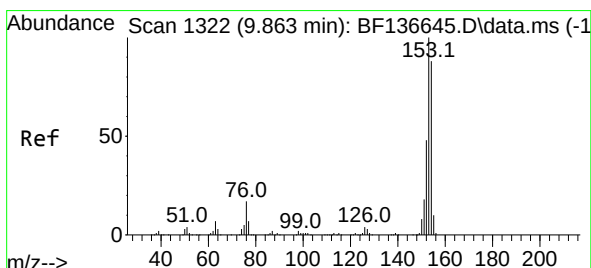
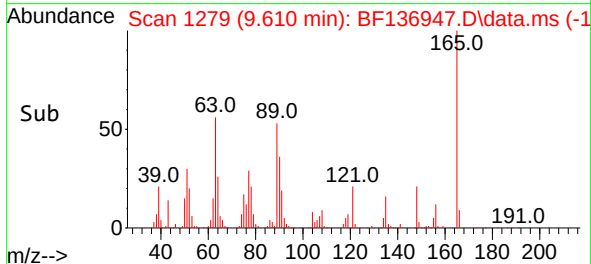
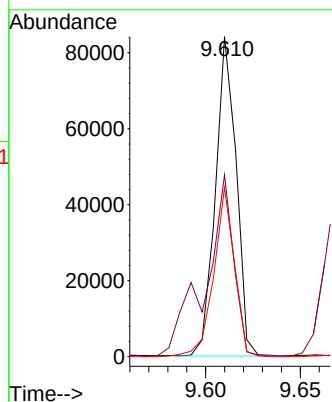
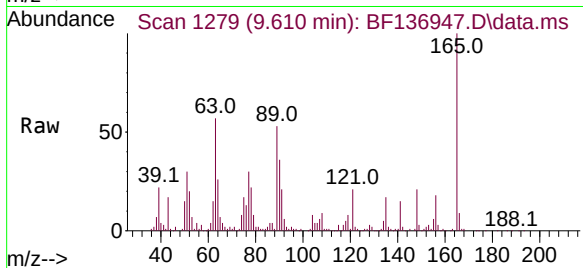
Tgt Ion:165 Resp: 63969

Ion Ratio Lower Upper

165 100

63 56.9 39.8 59.6

89 52.9 38.8 58.2



#52

Acenaphthene

Concen: 46.737 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.012 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

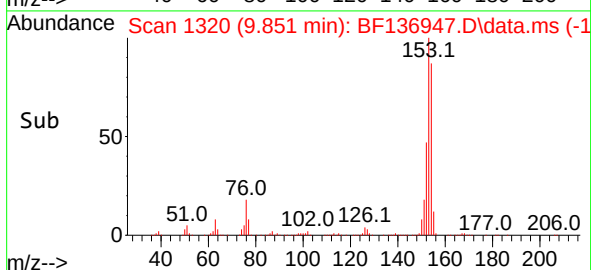
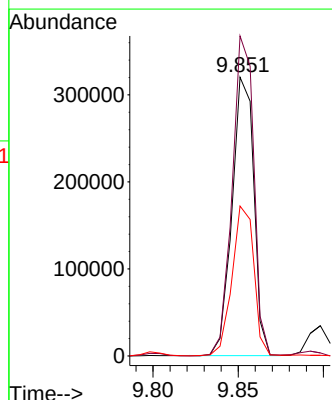
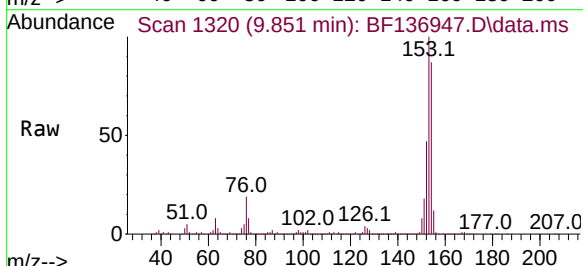
Tgt Ion:154 Resp: 284730

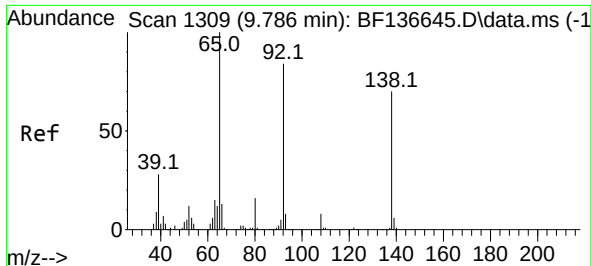
Ion Ratio Lower Upper

154 100

153 114.8 90.7 136.1

152 53.8 43.7 65.5

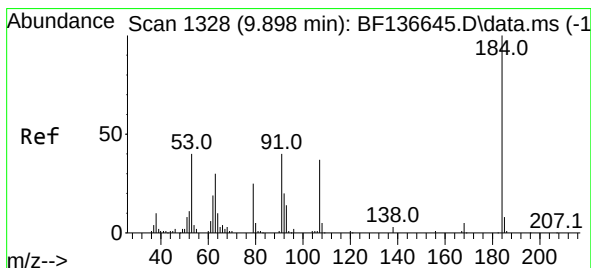
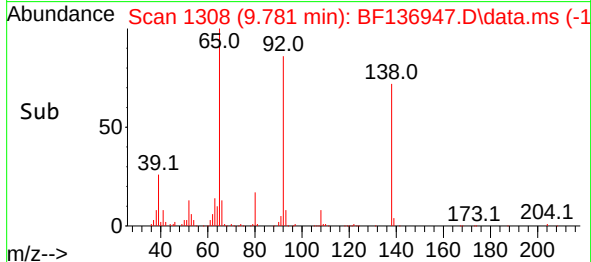
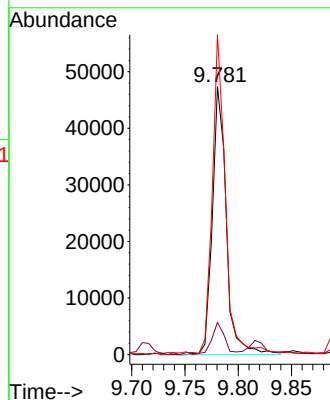
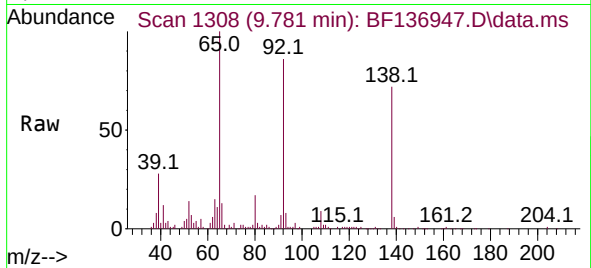




#53
3-Nitroaniline
Concen: 24.367 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

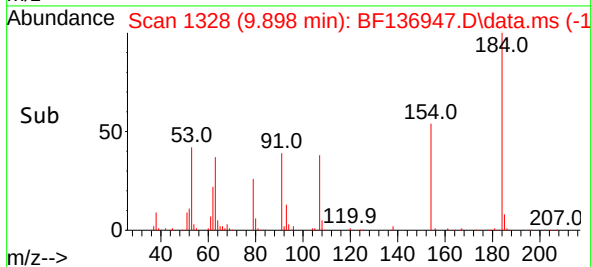
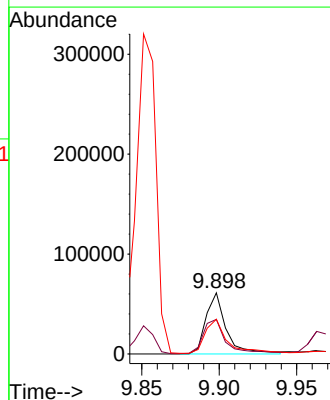
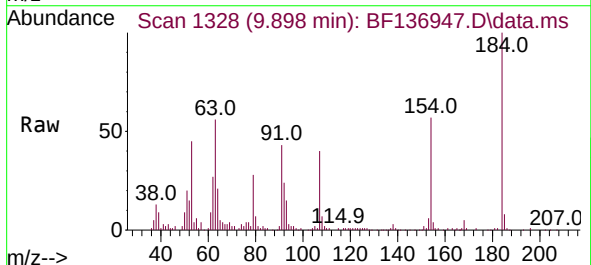
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

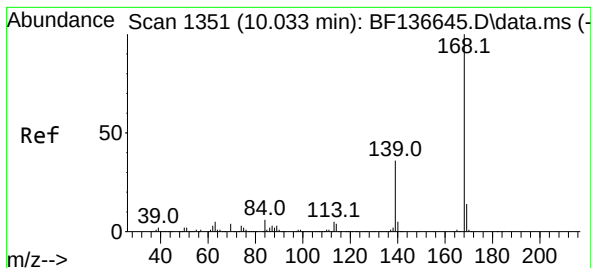
Tgt Ion:138 Resp: 43128
Ion Ratio Lower Upper
138 100
108 12.0 8.6 12.8
92 119.4 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 61.024 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:184 Resp: 55648
Ion Ratio Lower Upper
184 100
63 56.5 40.9 61.3
154 56.7 42.7 64.1

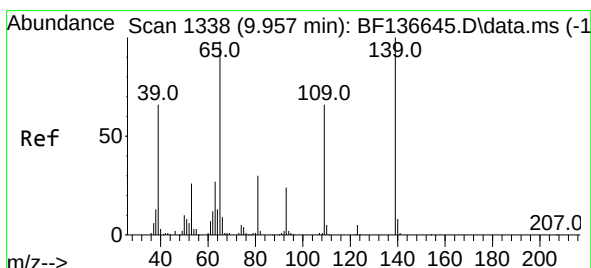
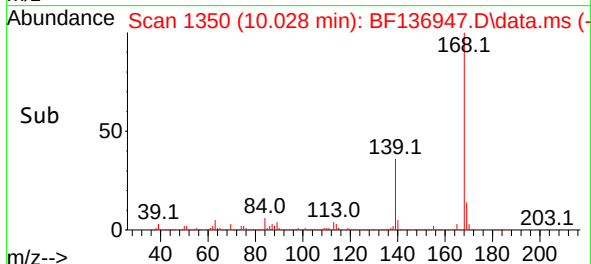
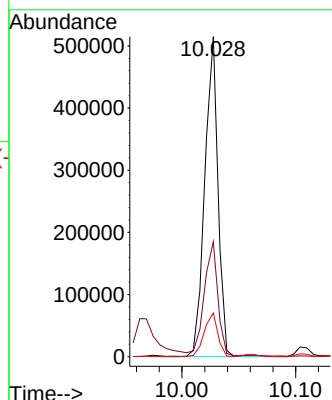
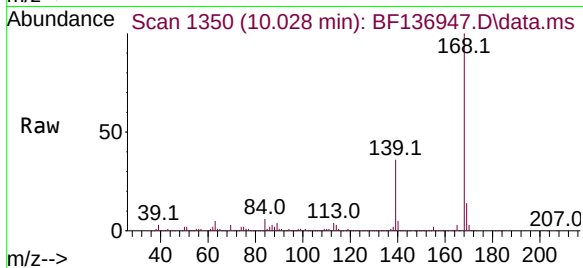




#55
Dibenzenofuran
Concen: 44.750 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

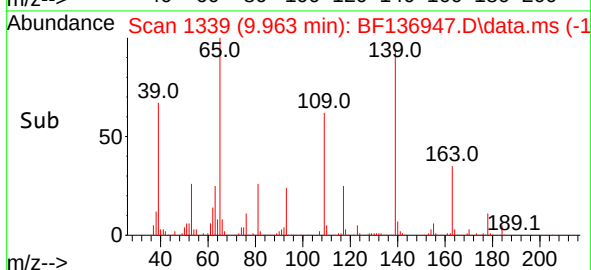
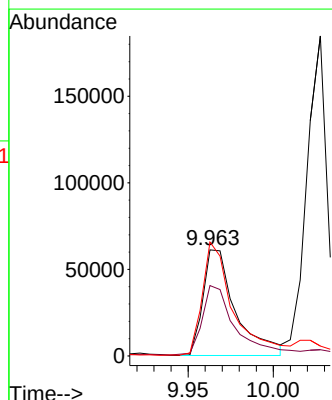
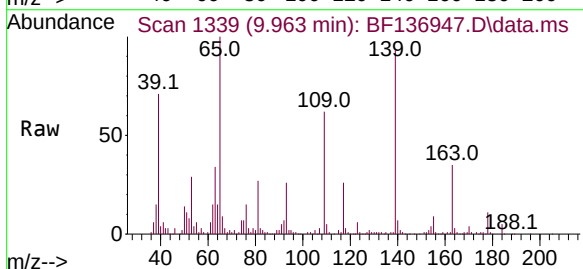
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

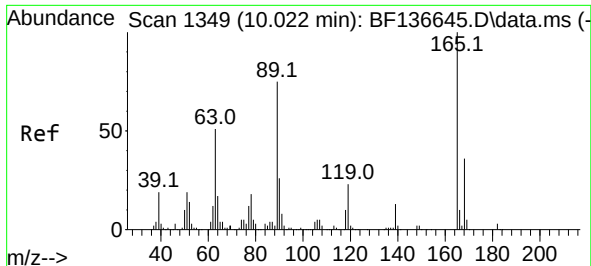
Tgt Ion:168 Resp: 413265
Ion Ratio Lower Upper
168 100
139 35.9 29.3 43.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 68.334 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:139 Resp: 81647
Ion Ratio Lower Upper
139 100
109 66.3 45.8 85.8
65 107.4 77.8 117.8

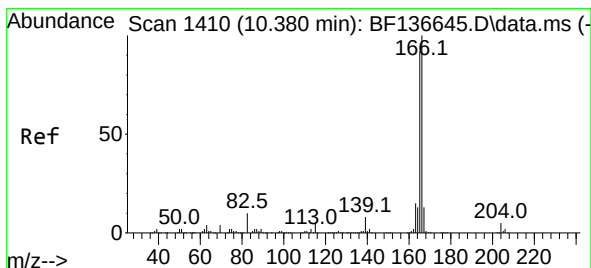
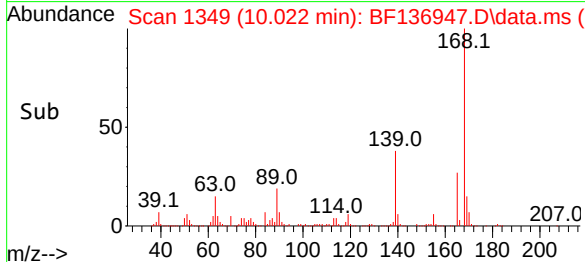
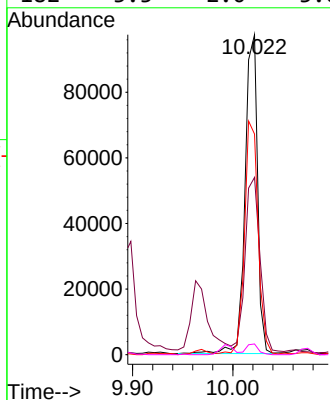
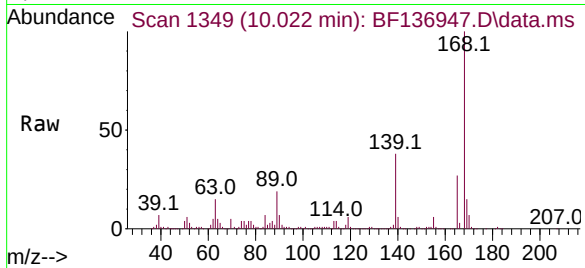




#57
2,4-Dinitrotoluene
Concen: 38.880 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

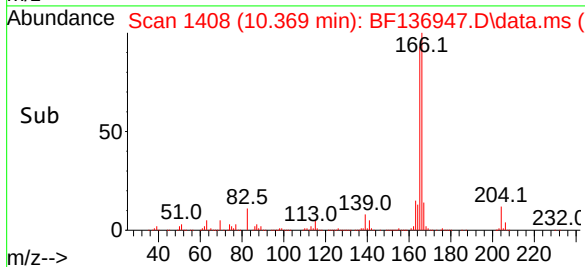
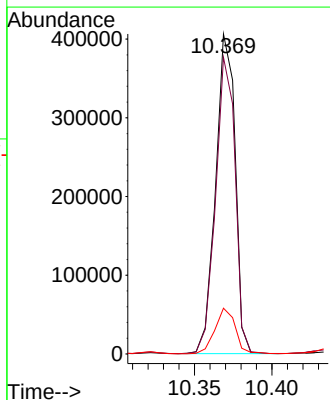
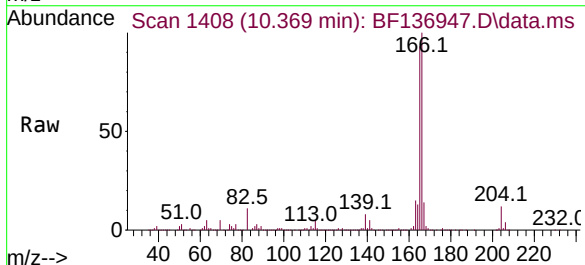
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

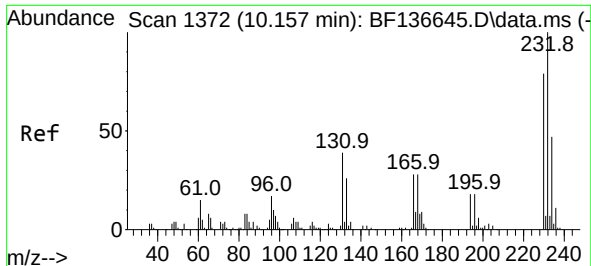
Tgt Ion:165 Resp: 84334
Ion Ratio Lower Upper
165 100
63 55.4 41.0 61.6
89 69.0 59.9 89.9
182 3.3 2.0 3.0#



#58
Fluorene
Concen: 48.536 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:166 Resp: 355654
Ion Ratio Lower Upper
166 100
165 92.7 73.7 110.5
167 14.3 10.4 15.6

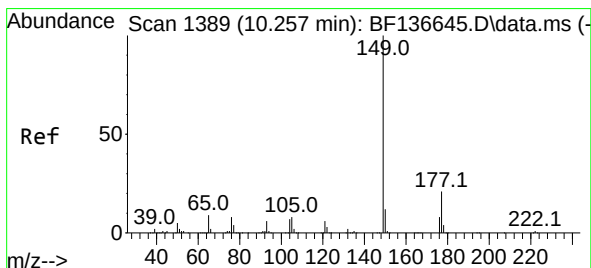
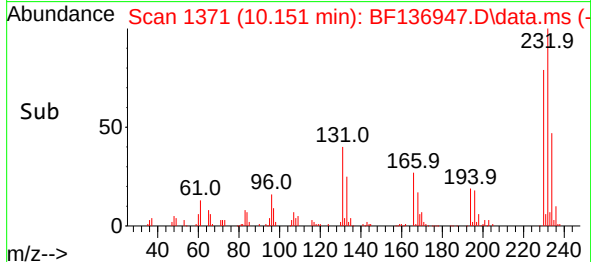
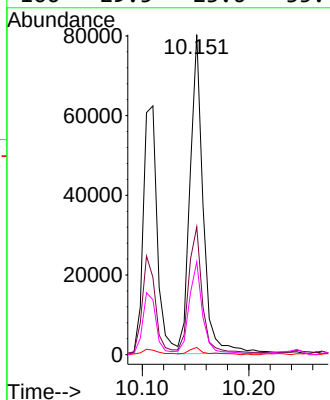
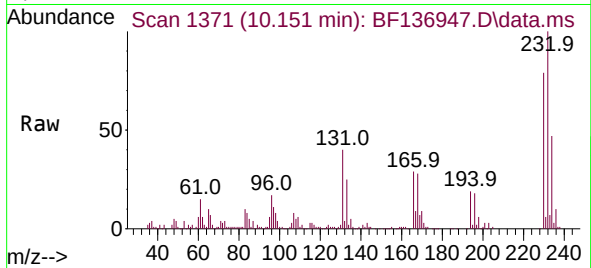




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.586 ng
RT: 10.151 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

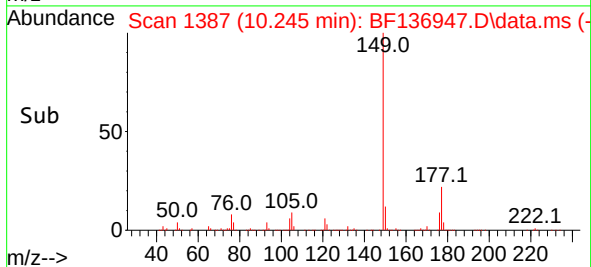
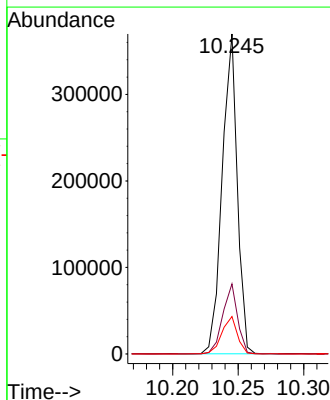
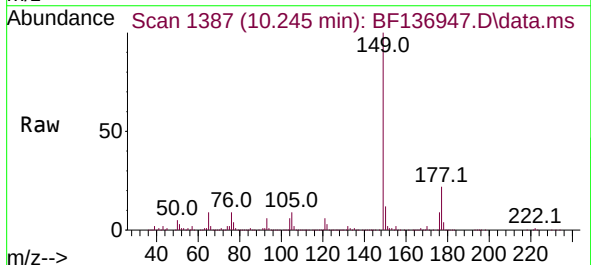
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

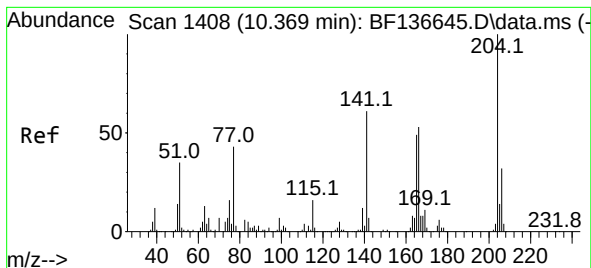
Tgt Ion:232 Resp: 67977
Ion Ratio Lower Upper
232 100
131 41.5 35.1 52.7
130 2.9 1.6 2.4#
166 29.5 23.6 35.4



#60
Diethylphthalate
Concen: 38.583 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:149 Resp: 294721
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 11.7 9.3 13.9

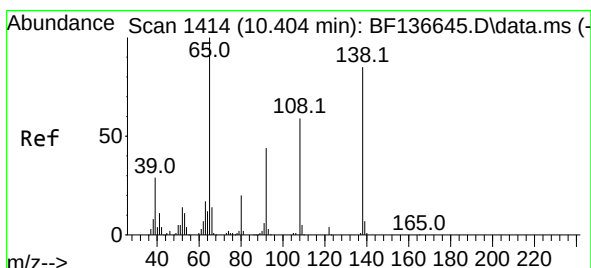
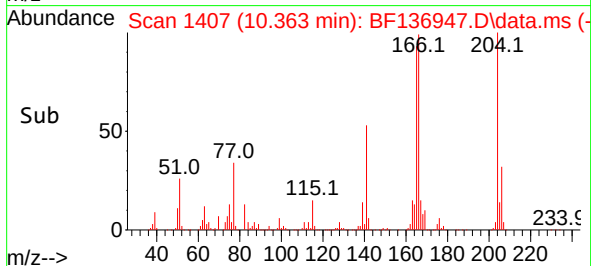
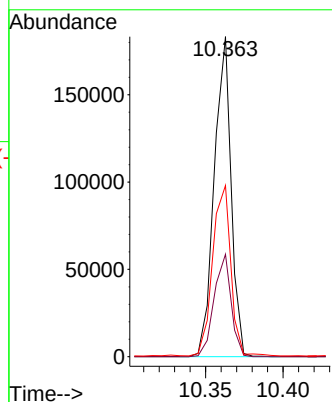
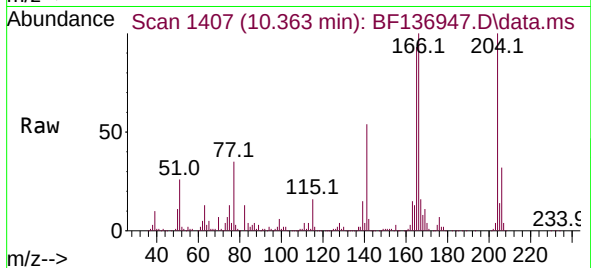




#61
4-Chlorophenyl-phenylether
Concen: 38.903 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

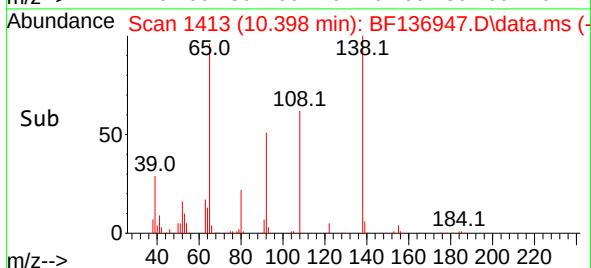
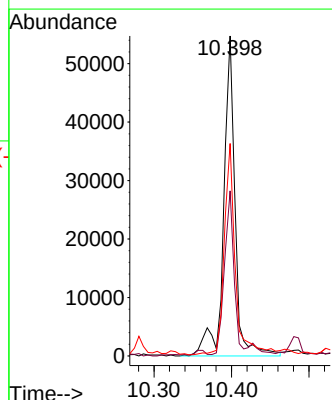
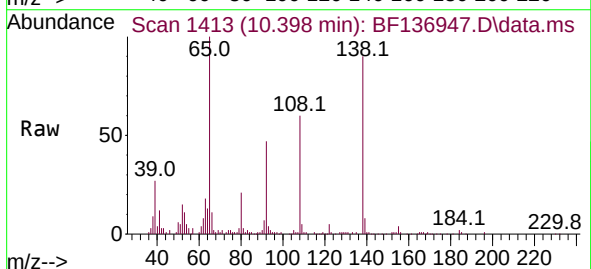
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

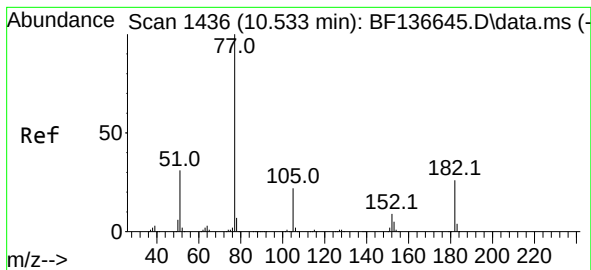
Tgt Ion:204 Resp: 138560
Ion Ratio Lower Upper
204 100
206 32.0 25.6 38.4
141 53.5 48.4 72.6



#62
4-Nitroaniline
Concen: 33.096 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:138 Resp: 56471
Ion Ratio Lower Upper
138 100
92 51.6 32.1 72.1
108 66.4 50.1 90.1

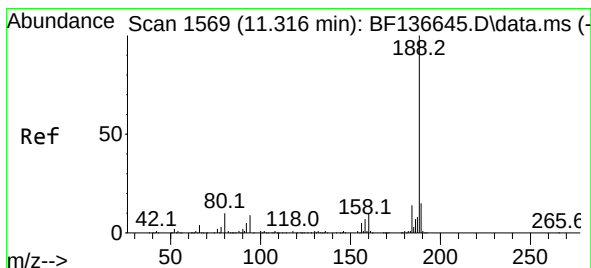
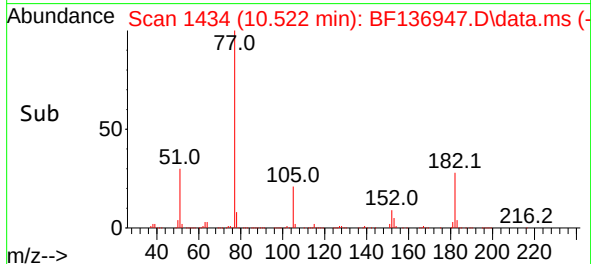
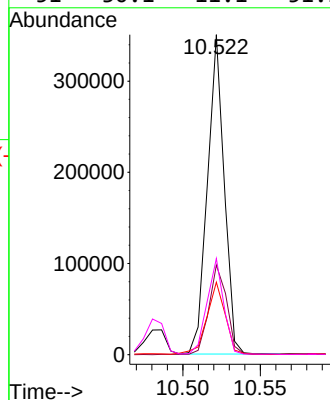
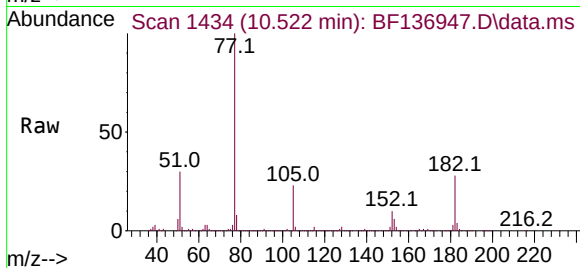




#63
Azobenzene
Concen: 36.916 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

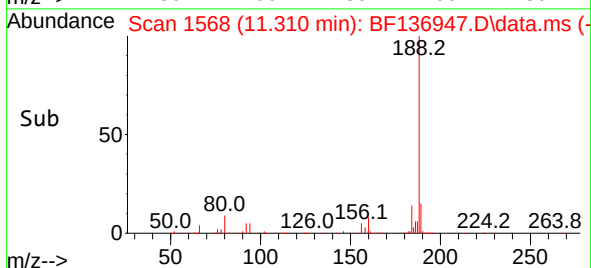
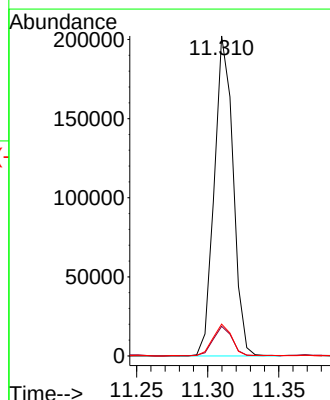
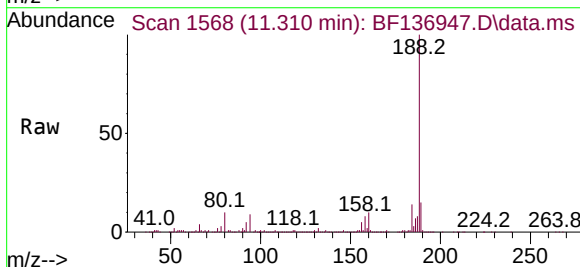
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

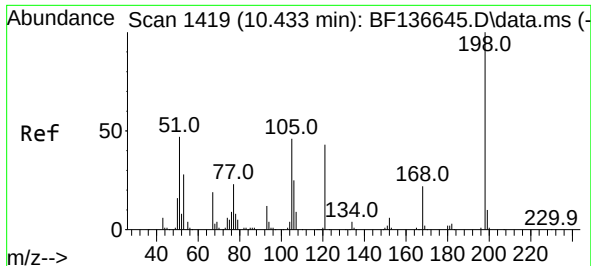
Tgt Ion: 77	Resp: 263376
Ion Ratio	Lower Upper
77 100	
182 28.0	6.0 46.0
105 22.6	2.3 42.3
51 30.1	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:188	Resp: 186675
Ion Ratio	Lower Upper
188 100	
94 9.2	7.5 11.3
80 9.9	8.1 12.1

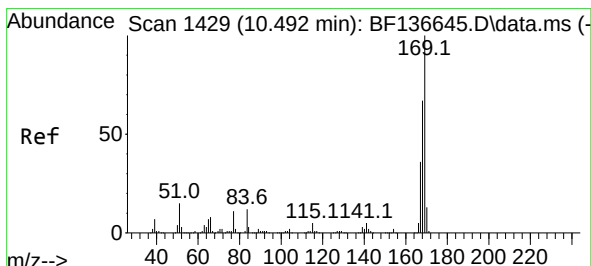
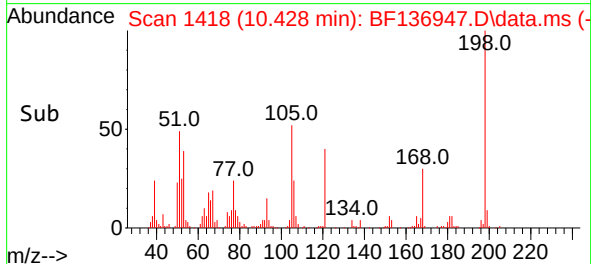
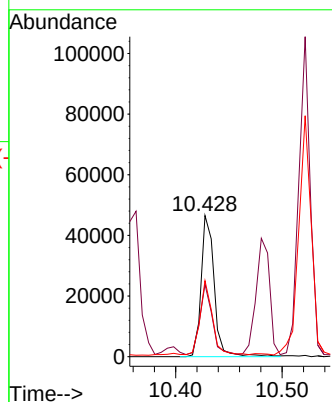
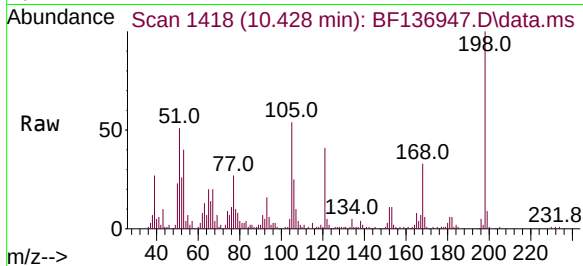




#65
4,6-Dinitro-2-methylphenol
Concen: 37.427 ng
RT: 10.428 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

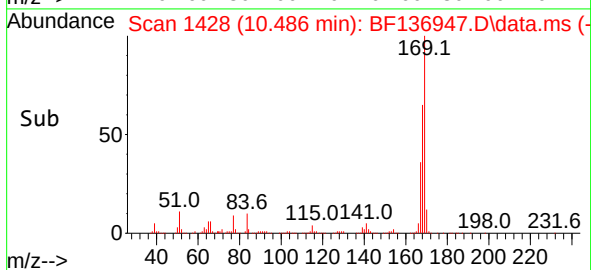
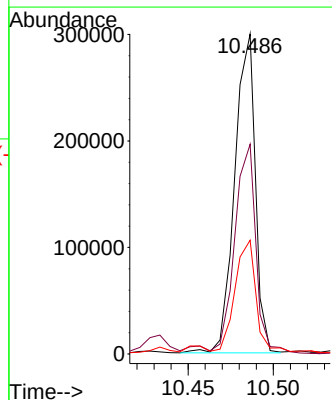
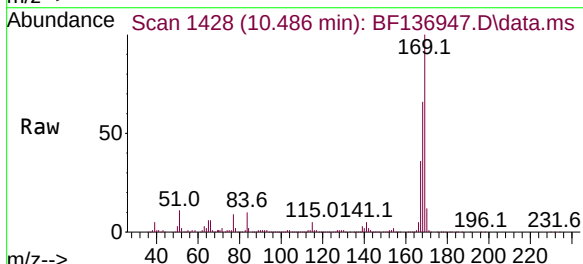
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

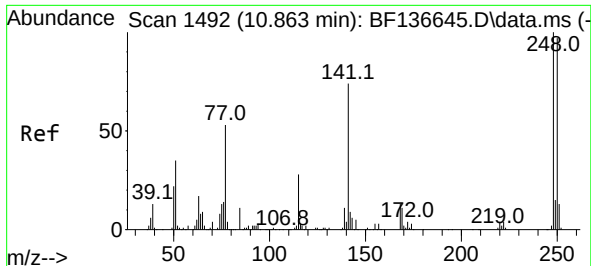
Tgt Ion:198 Resp: 40041
Ion Ratio Lower Upper
198 100
51 51.3 34.1 74.1
105 53.8 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 41.628 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:169 Resp: 252433
Ion Ratio Lower Upper
169 100
168 65.5 53.8 80.6
167 35.5 28.7 43.1

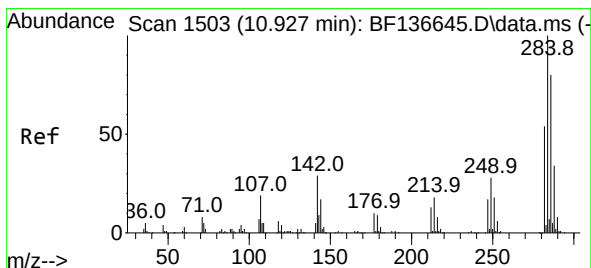
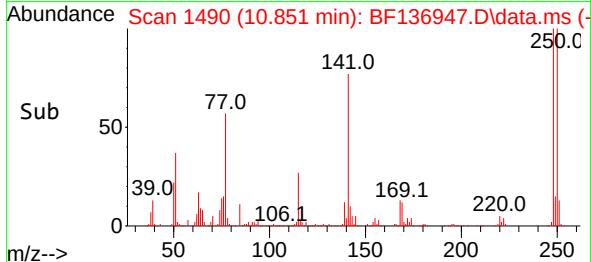
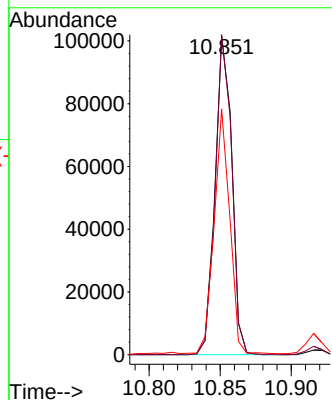
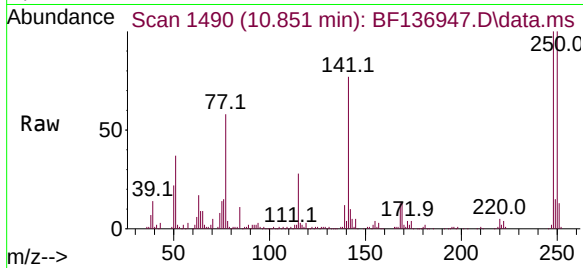




#67
4-Bromophenyl-phenylether
Concen: 40.233 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

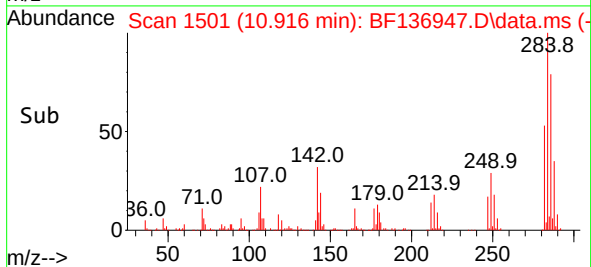
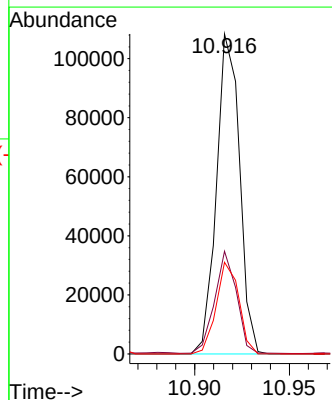
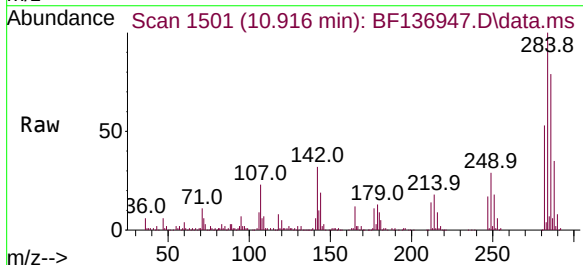
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

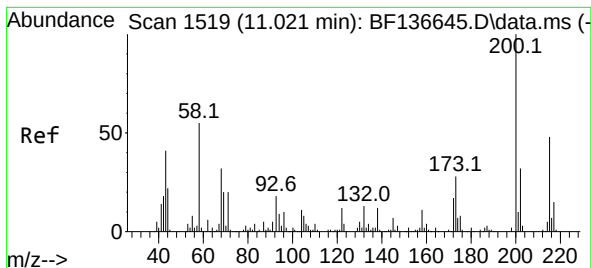
Tgt Ion:248 Resp: 83410
Ion Ratio Lower Upper
248 100
250 100.5 77.8 116.6
141 77.1 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.742 ng
RT: 10.916 min Scan# 1501
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:284 Resp: 91818
Ion Ratio Lower Upper
284 100
142 32.1 23.4 35.0
249 28.7 22.3 33.5





#69

Atrazine

Concen: 51.594 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

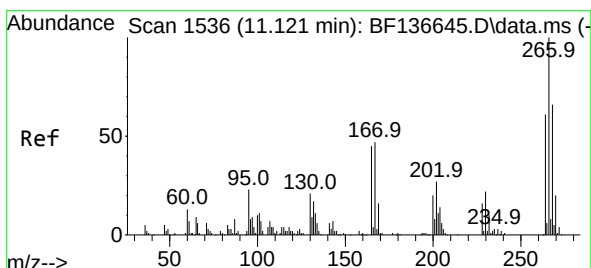
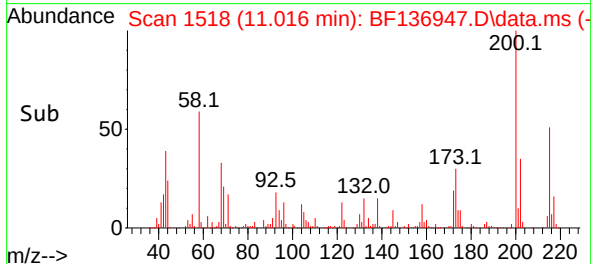
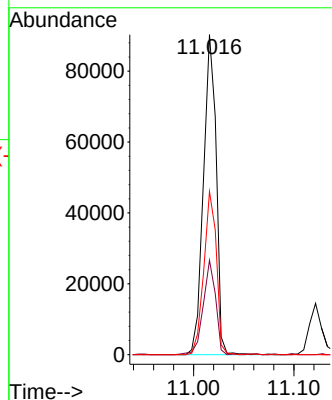
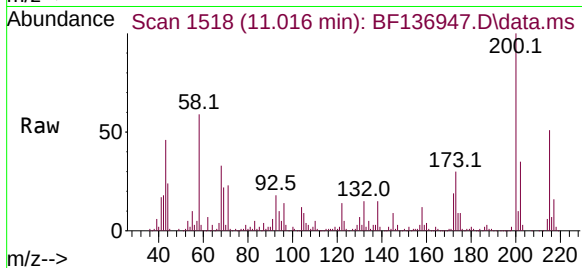
Tgt Ion:200 Resp: 80023

Ion Ratio Lower Upper

200 100

173 29.5 7.6 47.6

215 51.0 28.3 68.3



#70

Pentachlorophenol

Concen: 68.620 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

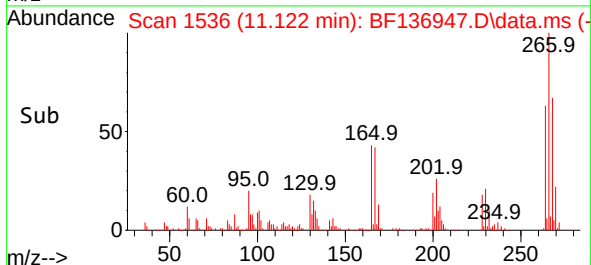
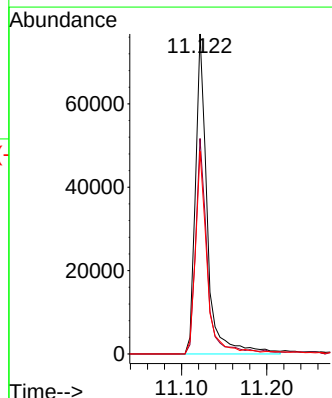
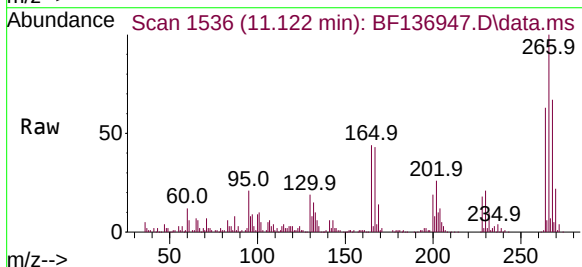
Tgt Ion:266 Resp: 73896

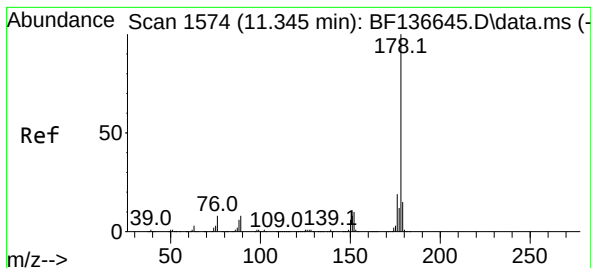
Ion Ratio Lower Upper

266 100

268 67.3 52.6 78.8

264 63.3 49.0 73.4





#71

Phenanthrene

Concen: 81.502 ng

RT: 11.339 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

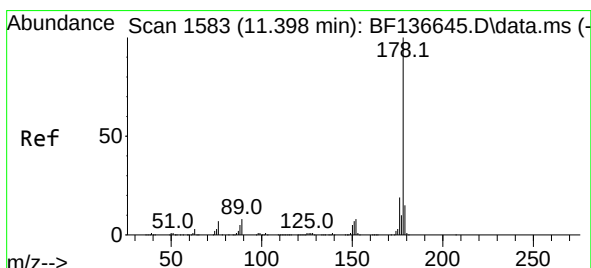
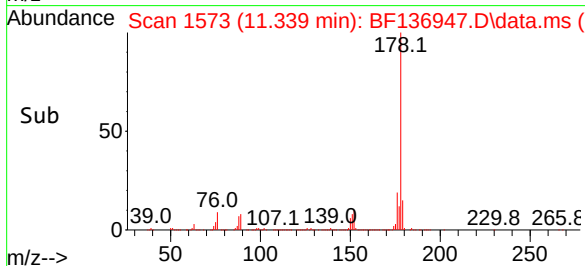
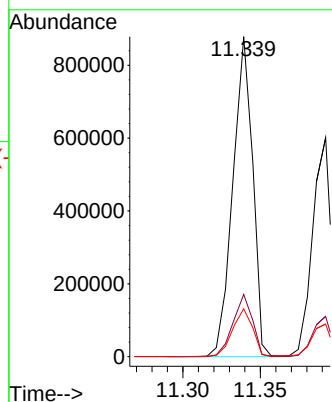
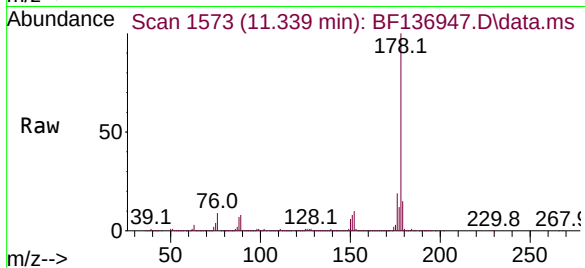
Tgt Ion:178 Resp: 780661

Ion Ratio Lower Upper

178 100

176 19.4 15.3 22.9

179 14.9 11.9 17.9



#72

Anthracene

Concen: 50.968 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

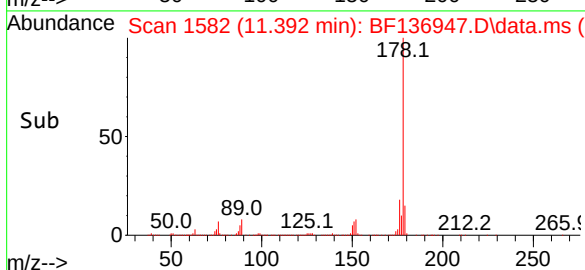
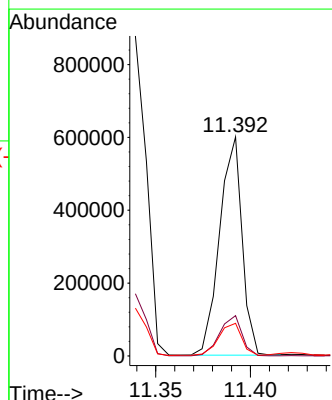
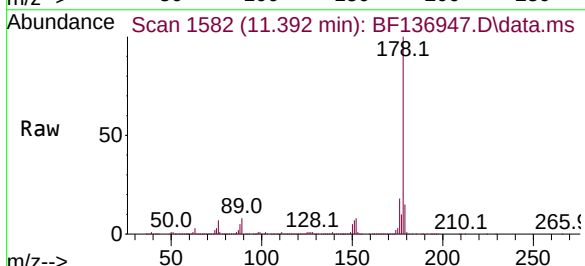
Tgt Ion:178 Resp: 494404

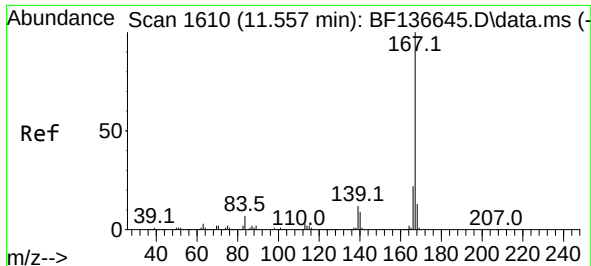
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

179 14.9 11.8 17.6

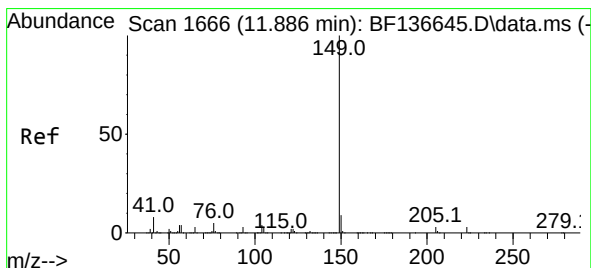
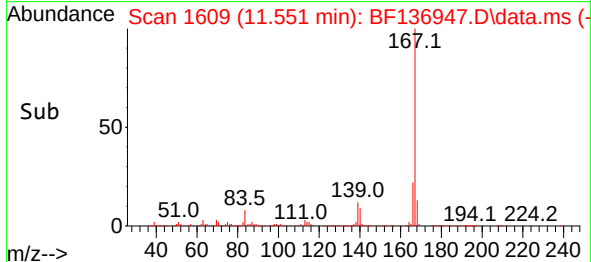
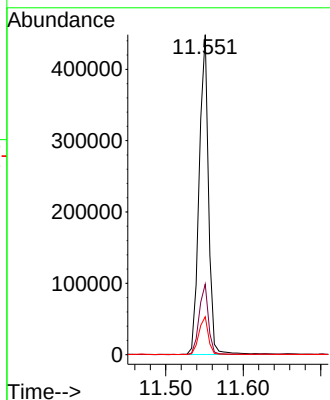
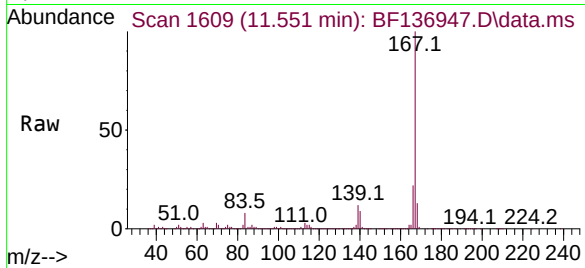




#73
 Carbazole
 Concen: 41.064 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF136947.D
 Acq: 04 Jan 2024 18:41

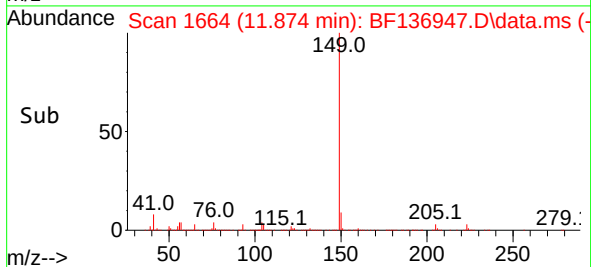
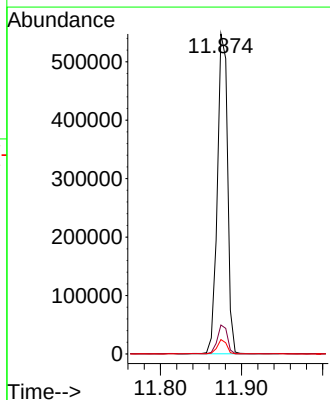
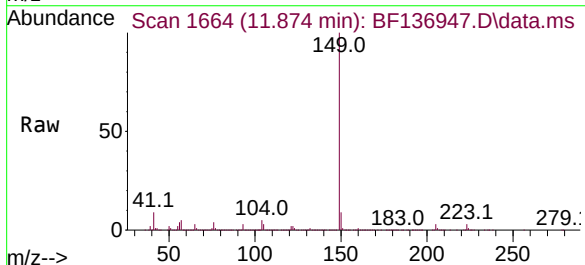
Instrument :
 BNA_F
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MS

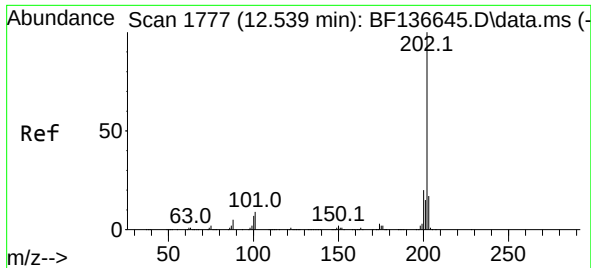
Tgt Ion:167 Resp: 375554
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.3 25.9
 139 11.9 9.8 14.6



#74
 Di-n-butylphthalate
 Concen: 42.916 ng
 RT: 11.874 min Scan# 1664
 Delta R.T. -0.012 min
 Lab File: BF136947.D
 Acq: 04 Jan 2024 18:41

Tgt Ion:149 Resp: 478936
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.2
 104 4.5 3.6 5.4

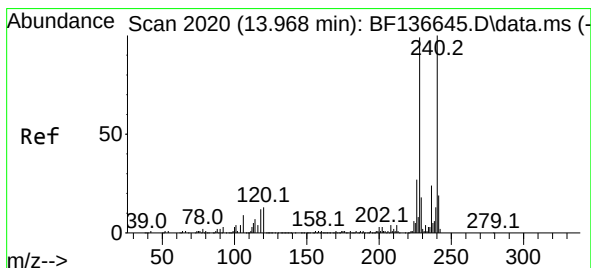
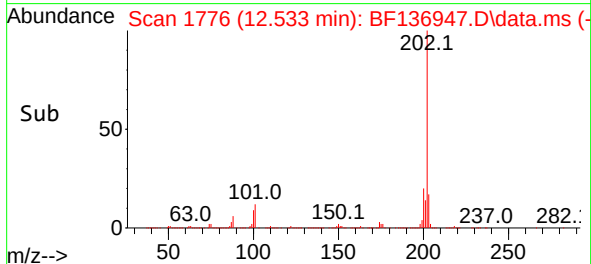
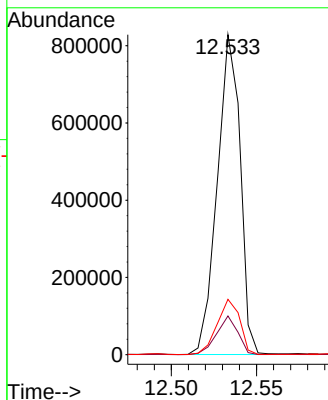
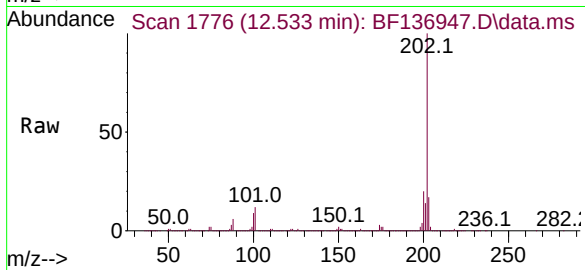




#75
Fluoranthene
Concen: 75.769 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

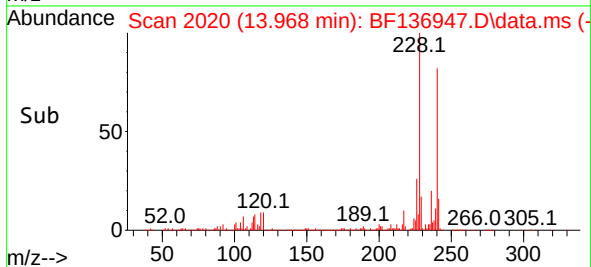
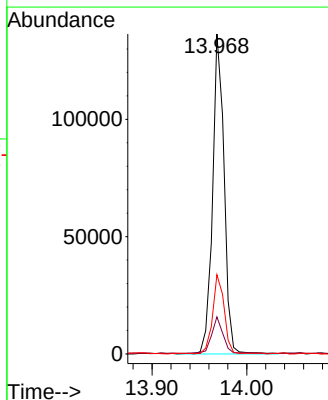
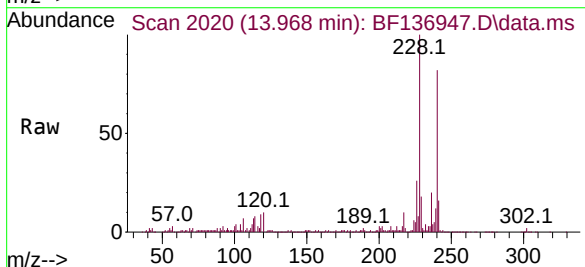
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

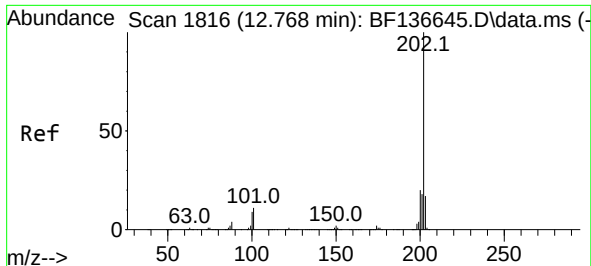
Tgt Ion:202 Resp: 776299
Ion Ratio Lower Upper
202 100
101 12.1 0.0 29.3
203 17.3 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:240 Resp: 115127
Ion Ratio Lower Upper
240 100
120 11.6 10.3 15.5
236 24.8 19.4 29.2

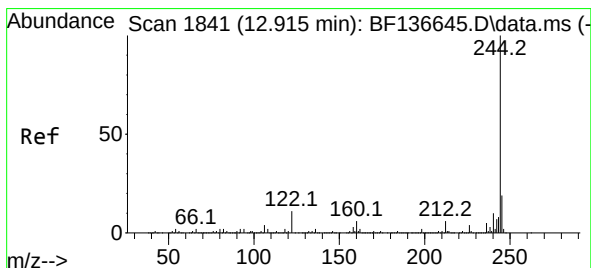
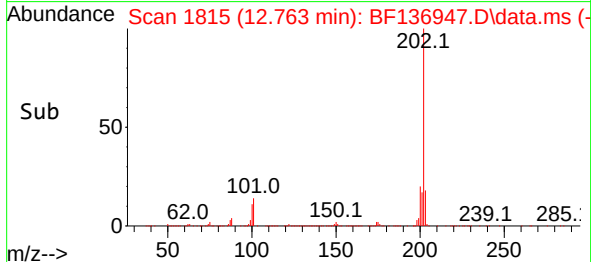
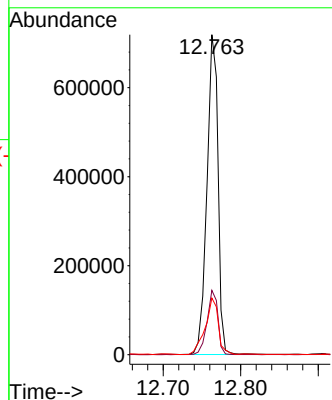
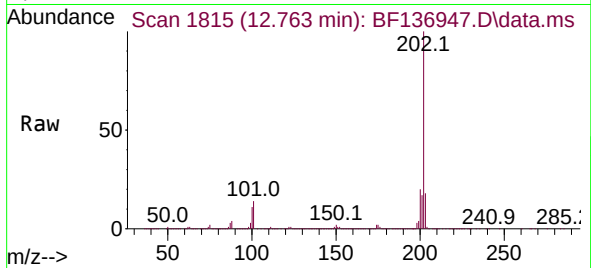




#78
Pyrene
Concen: 63.079 ng
RT: 12.763 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

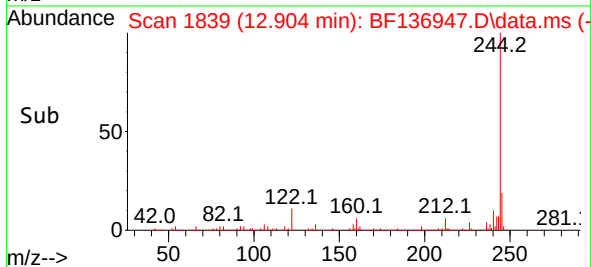
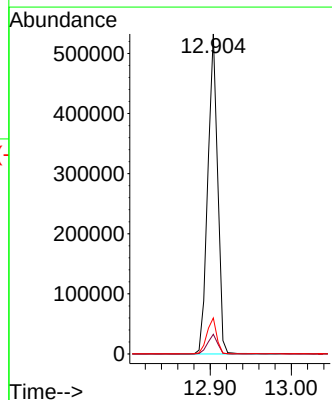
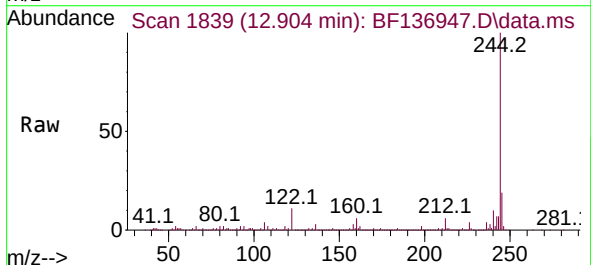
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

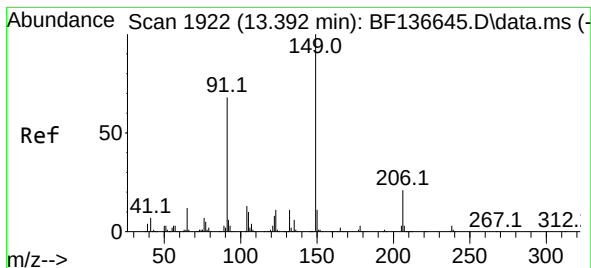
Tgt Ion:202 Resp: 712898
Ion Ratio Lower Upper
202 100
200 20.1 15.9 23.9
203 17.7 13.8 20.6



#79
Terphenyl-d14
Concen: 54.084 ng
RT: 12.904 min Scan# 1839
Delta R.T. -0.012 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:244 Resp: 445560
Ion Ratio Lower Upper
244 100
212 6.1 5.0 7.4
122 11.2 9.0 13.4





#80

Butylbenzylphthalate

Concen: 42.564 ng

RT: 13.380 min Scan# 1922

Delta R.T. -0.012 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

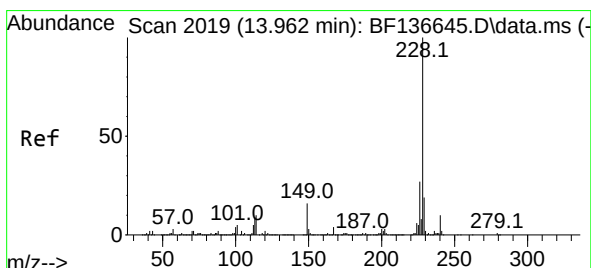
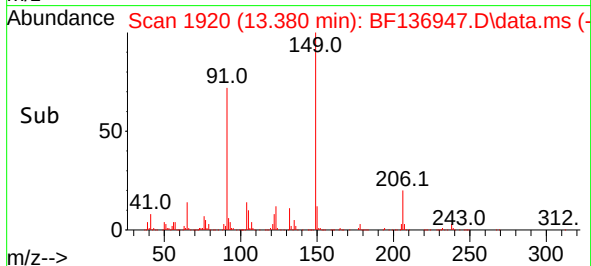
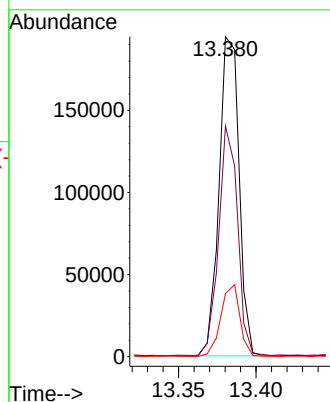
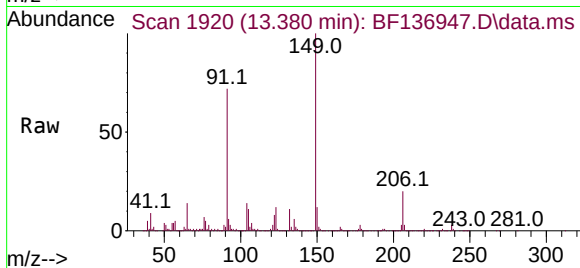
Tgt Ion:149 Resp: 175039

Ion Ratio Lower Upper

149 100

91 72.1 54.1 81.1

206 19.7 17.1 25.7



#81

Benzo(a)anthracene

Concen: 56.941 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

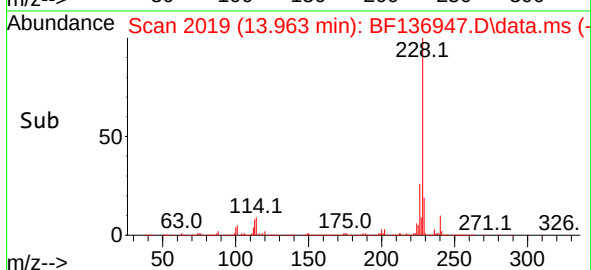
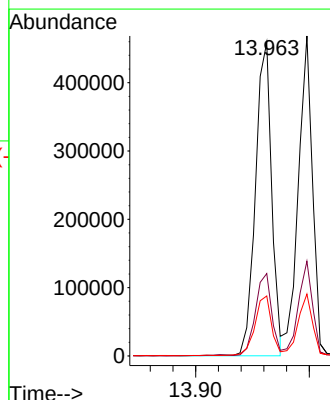
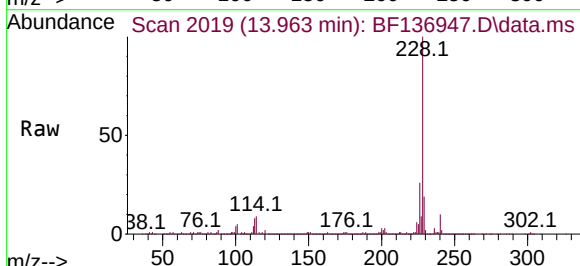
Tgt Ion:228 Resp: 455199

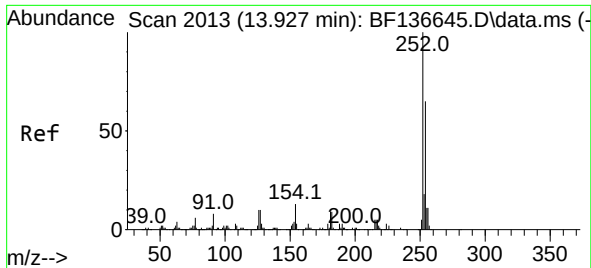
Ion Ratio Lower Upper

228 100

226 26.3 21.4 32.0

229 19.2 14.9 22.3

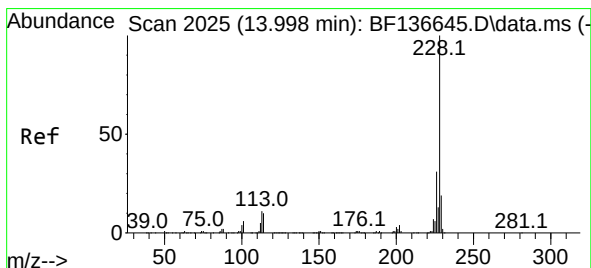
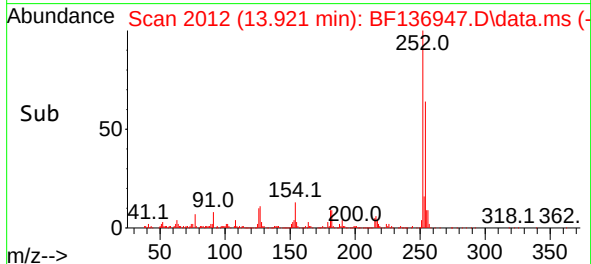
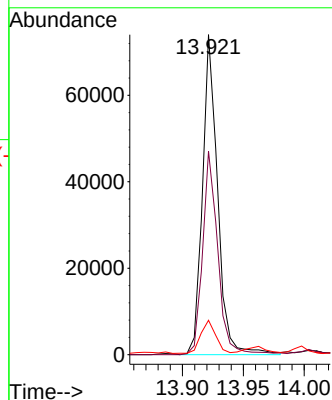
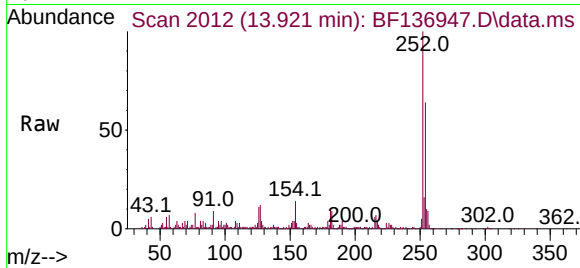




#82
 3,3'-Dichlorobenzidine
 Concen: 28.208 ng
 RT: 13.921 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: BF136947.D
 Acq: 04 Jan 2024 18:41

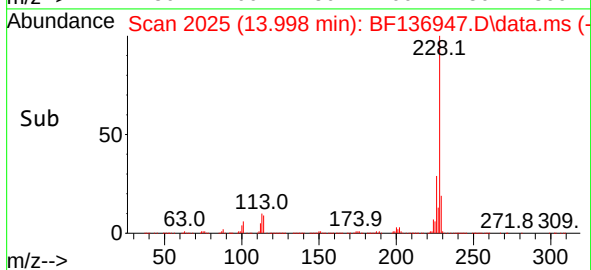
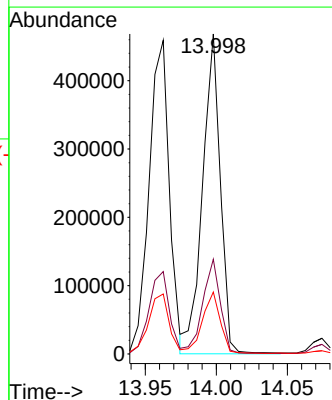
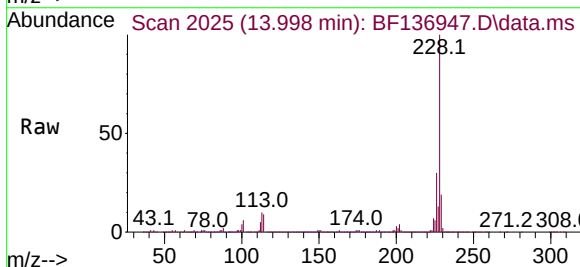
Instrument :
 BNA_F
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MS

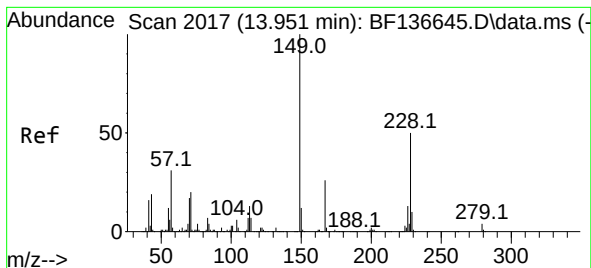
Tgt Ion:252 Resp: 64040
 Ion Ratio Lower Upper
 252 100
 254 63.6 52.2 78.4
 126 10.8 8.0 12.0



#83
 Chrysene
 Concen: 52.202 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. 0.000 min
 Lab File: BF136947.D
 Acq: 04 Jan 2024 18:41

Tgt Ion:228 Resp: 408096
 Ion Ratio Lower Upper
 228 100
 226 29.6 24.7 37.1
 229 19.4 15.4 23.0

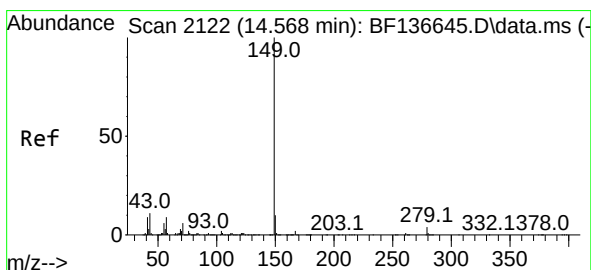
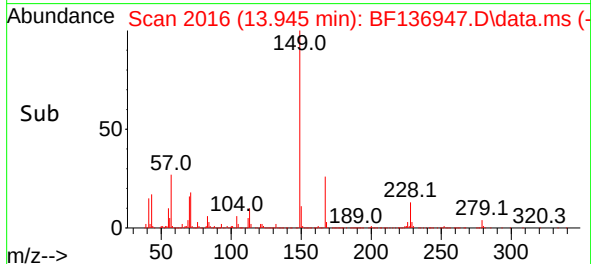
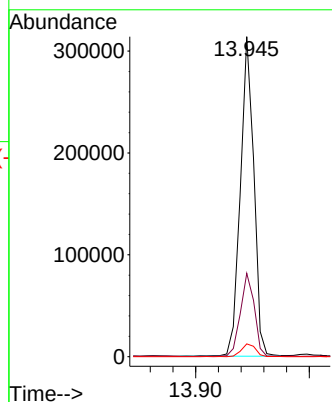
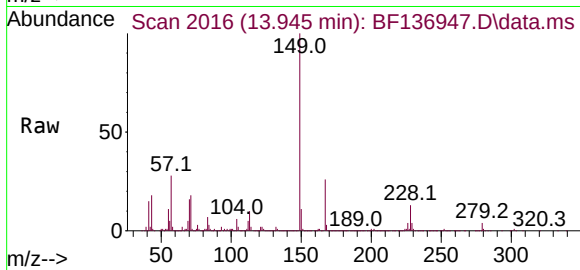




#84
Bis(2-ethylhexyl)phthalate
Concen: 49.597 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

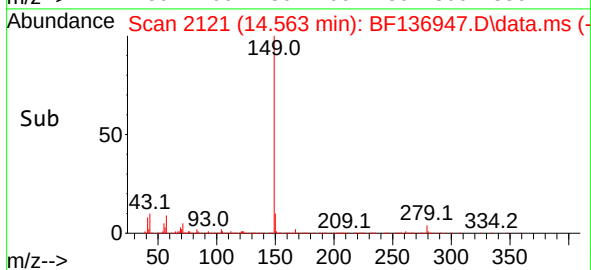
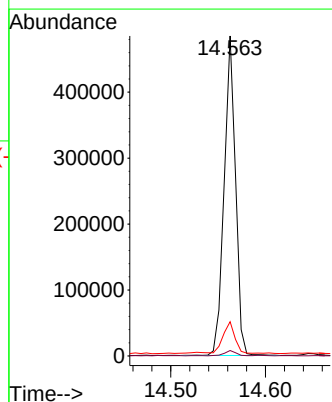
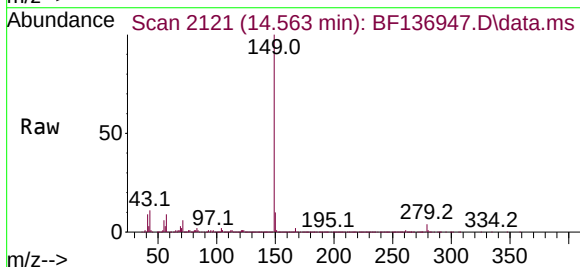
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MS

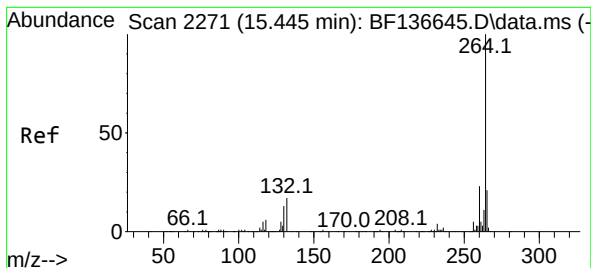
Tgt Ion:149 Resp: 256619
Ion Ratio Lower Upper
149 100
167 26.1 20.9 31.3
279 4.0 2.9 4.3



#85
Di-n-octyl phthalate
Concen: 50.918 ng
RT: 14.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF136947.D
Acq: 04 Jan 2024 18:41

Tgt Ion:149 Resp: 407521
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.0 8.9 13.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

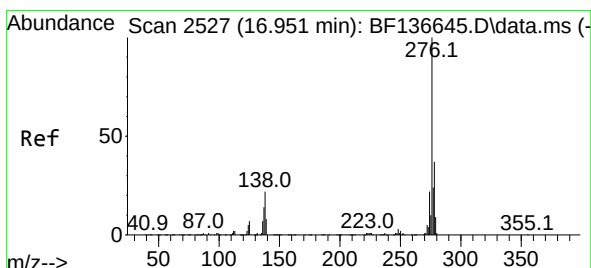
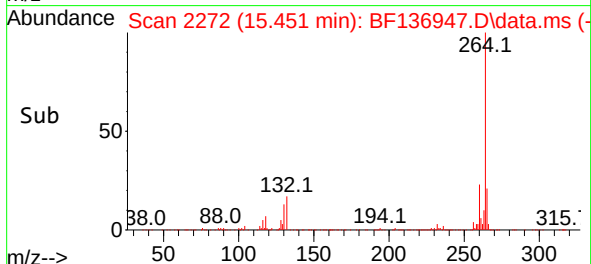
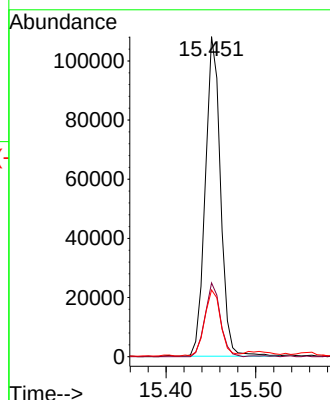
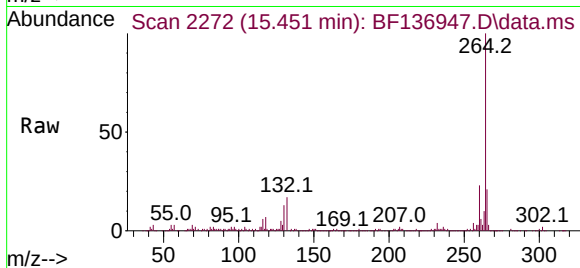
Tgt Ion:264 Resp: 127289

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 20.9 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 49.277 ng

RT: 16.968 min Scan# 2530

Delta R.T. 0.018 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

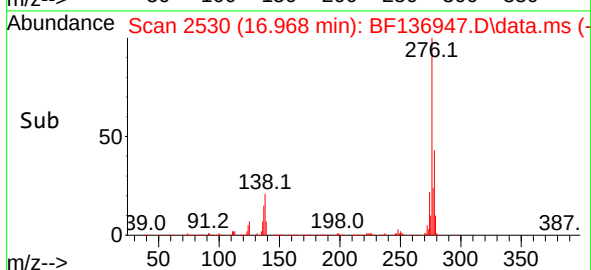
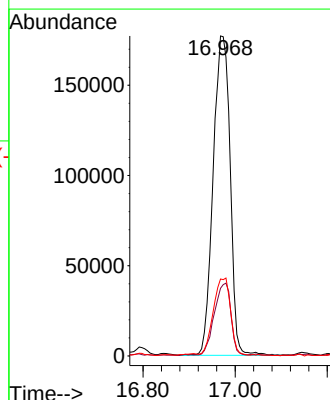
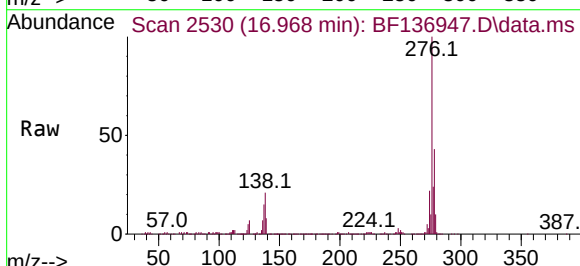
Tgt Ion:276 Resp: 452875

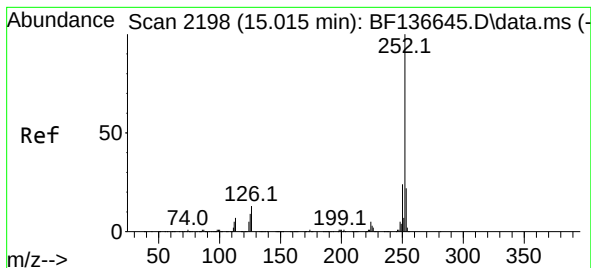
Ion Ratio Lower Upper

276 100

138 21.8 18.7 28.1

277 24.3 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 51.671 ng

RT: 15.021 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

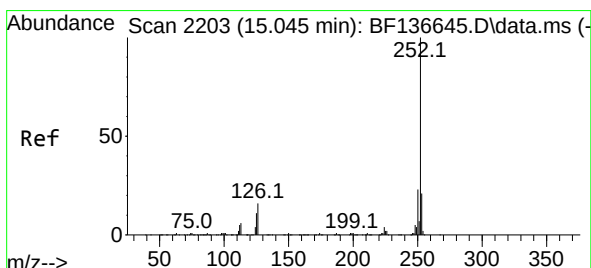
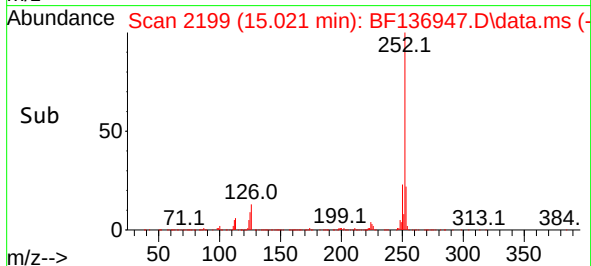
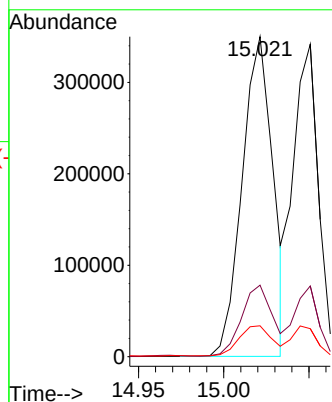
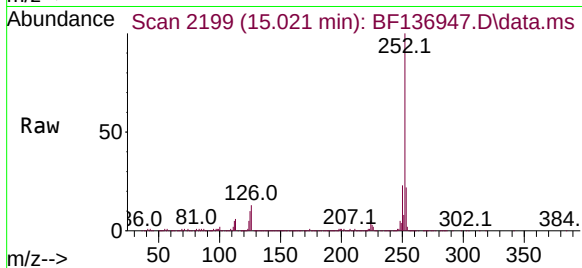
Tgt Ion:252 Resp: 439297

Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 9.7 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 43.564 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

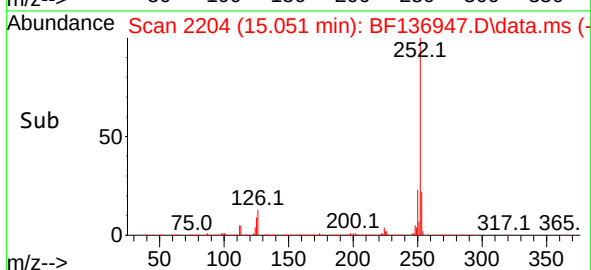
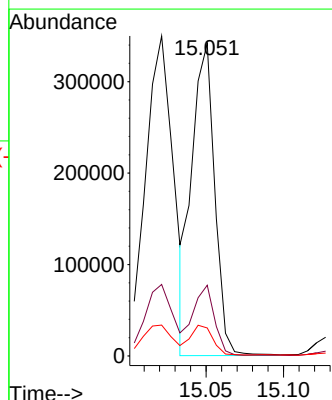
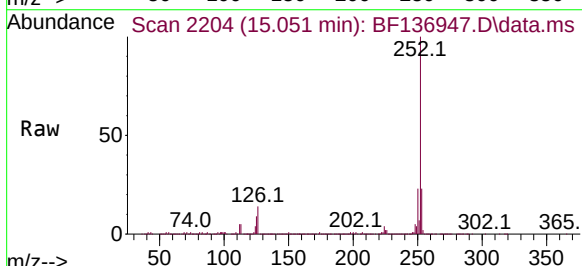
Tgt Ion:252 Resp: 349963

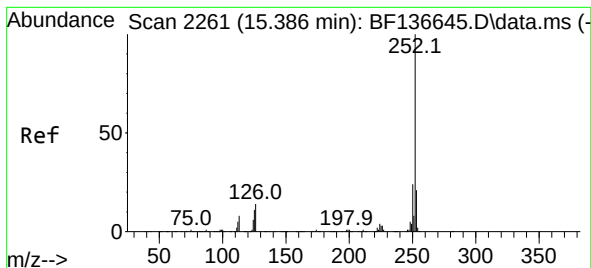
Ion Ratio Lower Upper

252 100

253 22.6 17.0 25.6

125 9.0 8.2 12.4





#90

Benzo(a)pyrene

Concen: 52.944 ng

RT: 15.392 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS

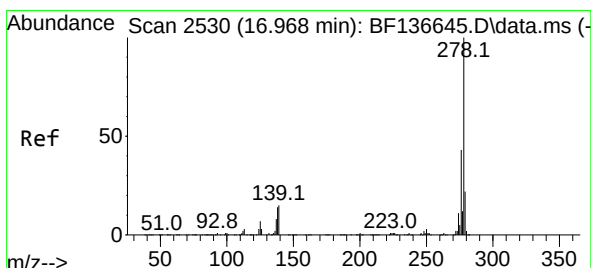
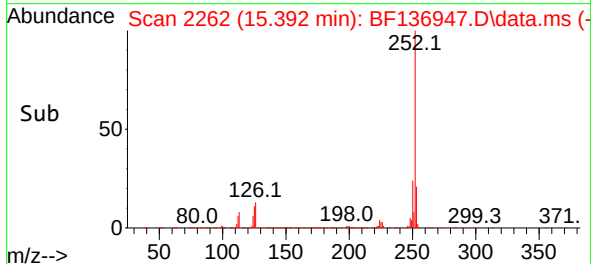
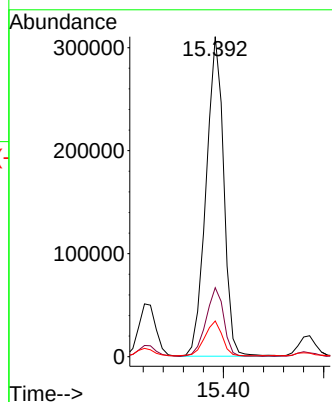
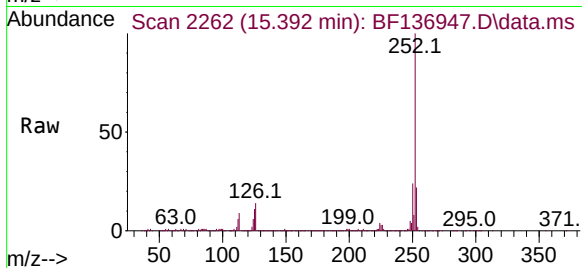
Tgt Ion:252 Resp: 379947

Ion Ratio Lower Upper

252 100

253 21.6 17.0 25.6

125 11.1 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 43.712 ng

RT: 16.986 min Scan# 2533

Delta R.T. 0.018 min

Lab File: BF136947.D

Acq: 04 Jan 2024 18:41

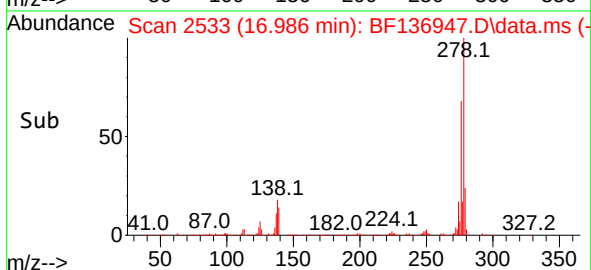
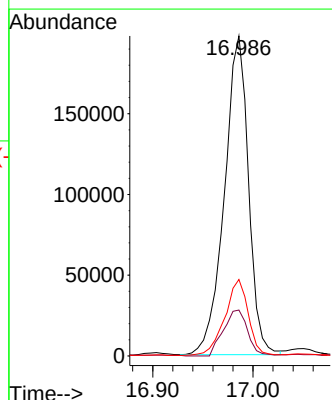
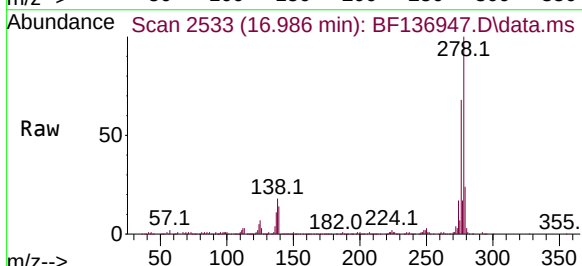
Tgt Ion:278 Resp: 329585

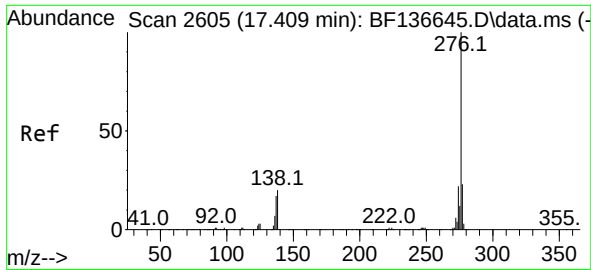
Ion Ratio Lower Upper

278 100

139 14.4 12.2 18.4

279 23.9 17.8 26.6





#92

Benzo(g,h,i)perylene

Concen: 46.121 ng

RT: 17.433 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF136947.D

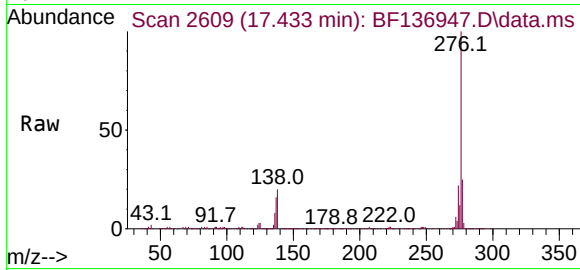
Acq: 04 Jan 2024 18:41

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MS



Tgt Ion:276 Resp: 356161

Ion Ratio Lower Upper

276 100

277 25.1 18.3 27.5

138 19.6 15.6 23.4

