

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010424\
 Data File : BF136948.D
 Acq On : 04 Jan 2024 19:13
 Operator : CG\JU
 Sample : 06017-03MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Jan 05 00:42:00 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	53007	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	188405	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	102081	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	188528	20.000	ng	0.00
76) Chrysene-d12	13.968	240	114413	20.000	ng	0.00
86) Perylene-d12	15.457	264	136752	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	328478	96.689	ng	0.00
7) Phenol-d6	6.445	99	400529	90.987	ng	0.00
23) Nitrobenzene-d5	7.357	82	231587	62.899	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	110213	91.674	ng	0.00
45) 2-Fluorobiphenyl	9.139	172	479299	63.151	ng	-0.01
79) Terphenyl-d14	12.904	244	480921	58.741	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.552	88	55608	39.285	ng	98
3) Pyridine	3.322	79	122612	35.502	ng	97
4) n-Nitrosodimethylamine	3.281	42	77649	42.102	ng	95
6) Aniline	6.469	93	49172	11.172	ng	# 36
8) 2-Chlorophenol	6.581	128	156628	42.130	ng	96
9) Benzaldehyde	6.345	77	50810	20.293	ng	# 1
10) Phenol	6.457	94	188314	40.074	ng	85
11) bis(2-Chloroethyl)ether	6.528	93	152533	42.682	ng	94
12) 1,3-Dichlorobenzene	6.728	146	160021	39.456	ng	96
13) 1,4-Dichlorobenzene	6.804	146	165754	39.999	ng	99
14) 1,2-Dichlorobenzene	6.957	146	149441	38.755	ng	97
15) Benzyl Alcohol	6.940	79	114533	38.566	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.069	45	221112	37.844	ng	64
17) 2-Methylphenol	7.063	107	119627	38.841	ng	# 83
18) Hexachloroethane	7.316	117	450269	299.188	ng	# 1
19) n-Nitroso-di-n-propyla...	7.204	70	131522	49.287	ng	96
20) 3+4-Methylphenols	7.210	107	159212	41.378	ng	# 57
22) Acetophenone	7.198	105	200598	42.478	ng	# 87
24) Nitrobenzene	7.375	77	187429	50.818	ng	98
25) Isophorone	7.610	82	293522	43.812	ng	98
26) 2-Nitrophenol	7.687	139	82206	46.586	ng	91
27) 2,4-Dimethylphenol	7.734	122	73920	34.408	ng	97
28) bis(2-Chloroethoxy)met...	7.822	93	176801	43.415	ng	96
29) 2,4-Dichlorophenol	7.939	162	133074	48.114	ng	97
30) 1,2,4-Trichlorobenzene	8.010	180	135401	43.938	ng	98
31) Naphthalene	8.092	128	1246573	120.436	ng	99
32) Benzoic acid	7.869	122	89133	42.880	ng	# 74
33) 4-Chloroaniline	8.157	127	25524	6.679	ng	# 75
34) Hexachlorobutadiene	8.198	225	78396	41.872	ng	99
35) Caprolactam	8.510	113	43677	47.869	ng	# 91
36) 4-Chloro-3-methylphenol	8.639	107	134170	43.091	ng	100
37) 2-Methylnaphthalene	8.786	142	1322284	198.504	ng	100
38) 1-Methylnaphthalene	8.881	142	772341	118.181	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	142226	44.988	ng	100
41) Hexachlorocyclopentadiene	8.928	237	50743	52.157	ng	99
43) 2,4,6-Trichlorophenol	9.063	196	88471	43.636	ng	99

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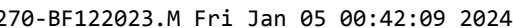
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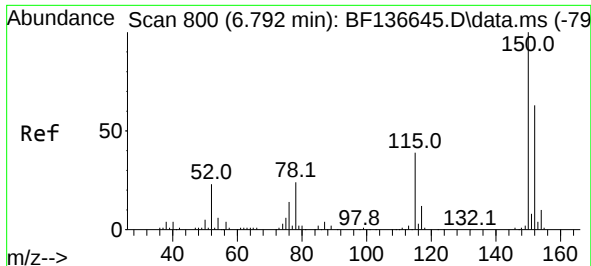
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 QLast Update : Thu Dec 21 01:54:25 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	95832	42.416	ng	95
46) 1,1'-Biphenyl	9.239	154	382723	44.678	ng	99
47) 2-Chloronaphthalene	9.269	162	274551	42.160	ng	97
48) 2-Nitroaniline	9.375	65	88500	43.398	ng	87
49) Acenaphthylene	9.681	152	452051	45.415	ng	99
50) Dimethylphthalate	9.545	163	314406	42.167	ng	100
51) 2,6-Dinitrotoluene	9.610	165	68656	40.572	ng	# 80
52) Acenaphthene	9.851	154	318095	51.554	ng	98
53) 3-Nitroaniline	9.781	138	45006	25.107	ng	98
54) 2,4-Dinitrophenol	9.898	184	61086	65.828	ng	91
55) Dibenzofuran	10.028	168	452089	48.336	ng	99
56) 4-Nitrophenol	9.969	139	90944	75.154	ng	96
57) 2,4-Dinitrotoluene	10.022	165	89356	40.675	ng	# 96
58) Fluorene	10.369	166	386885	52.132	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.151	232	74766	42.989	ng	# 100
60) Diethylphthalate	10.245	149	322655	41.707	ng	98
61) 4-Chlorophenyl-phenyle...	10.363	204	152694	42.330	ng	94
62) 4-Nitroaniline	10.398	138	53776	31.119	ng	95
63) Azobenzene	10.522	77	291438	40.333	ng	99
65) 4,6-Dinitro-2-methylph...	10.433	198	43229	40.010	ng	85
66) n-Nitrosodiphenylamine	10.486	169	273832	44.713	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	93120	44.475	ng	96
68) Hexachlorobenzene	10.922	284	99692	42.726	ng	97
69) Atrazine	11.016	200	87835	56.074	ng	99
70) Pentachlorophenol	11.122	266	81492	74.930	ng	94
71) Phenanthrene	11.339	178	844745	87.326	ng	99
72) Anthracene	11.392	178	536191	54.732	ng	99
73) Carbazole	11.551	167	409741	44.361	ng	100
74) Di-n-butylphthalate	11.874	149	516657	45.841	ng	100
75) Fluoranthene	12.533	202	832437	80.450	ng	96
78) Pyrene	12.763	202	762087	67.852	ng	99
80) Butylbenzylphthalate	13.386	149	190432	46.596	ng	94
81) Benzo(a)anthracene	13.963	228	502177	63.209	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	66421	29.439	ng	# 97
83) Chrysene	13.998	228	437309	56.288	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	274731	53.429	ng	98
85) Di-n-octyl phthalate	14.563	149	443179	55.718	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	489482	49.574	ng	99
88) Benzo(b)fluoranthene	15.021	252	476891	52.212	ng	99
89) Benzo(k)fluoranthene	15.051	252	395089	45.778	ng	99
90) Benzo(a)pyrene	15.398	252	424437	55.051	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	359548	44.387	ng	96
92) Benzo(g,h,i)perylene	17.433	276	387407	46.695	ng	99

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

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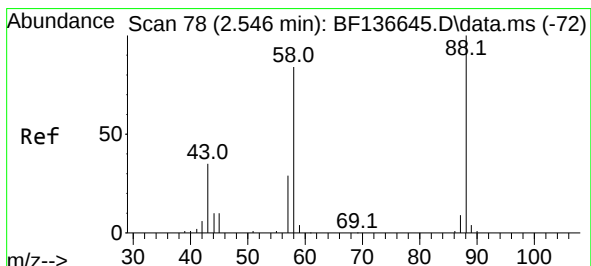
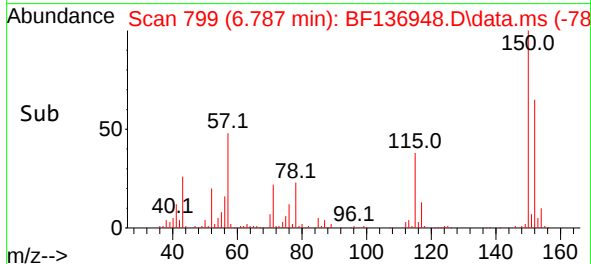
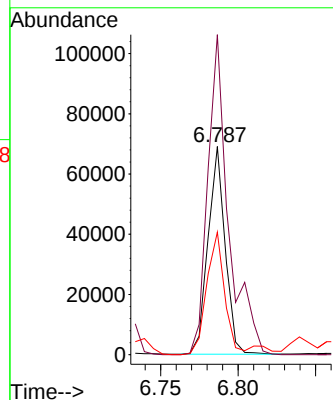
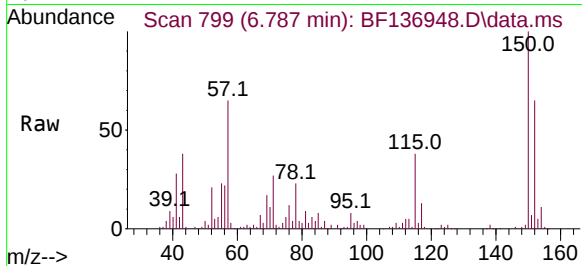




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF136948.D
 Acq: 04 Jan 2024 19:13

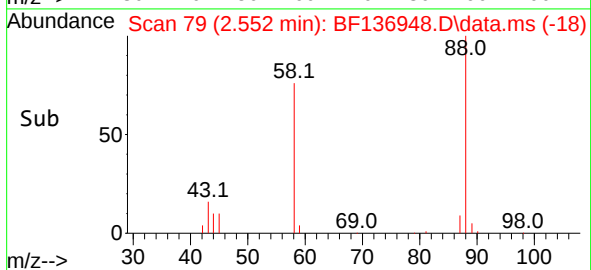
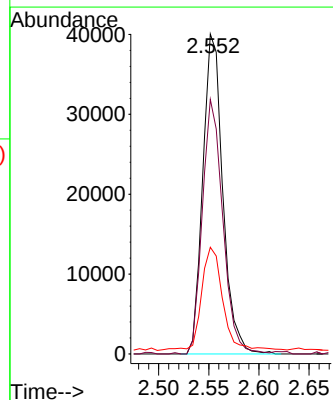
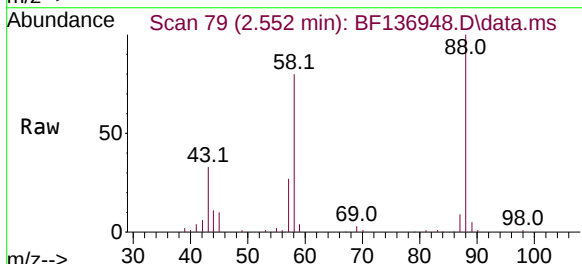
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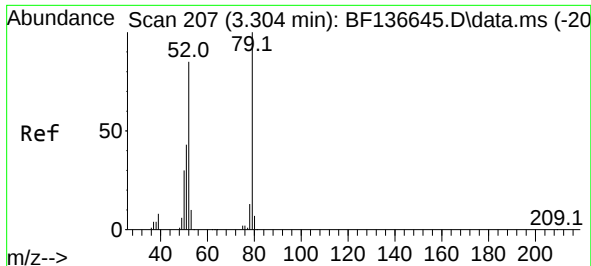
Tgt Ion:152 Resp: 53007
 Ion Ratio Lower Upper
 152 100
 150 153.7 127.0 190.6
 115 58.8 49.0 73.4



#2
 1,4-Dioxane
 Concen: 39.285 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.006 min
 Lab File: BF136948.D
 Acq: 04 Jan 2024 19:13

Tgt Ion: 88 Resp: 55608
 Ion Ratio Lower Upper
 88 100
 58 81.5 67.4 101.0
 43 34.1 27.7 41.5

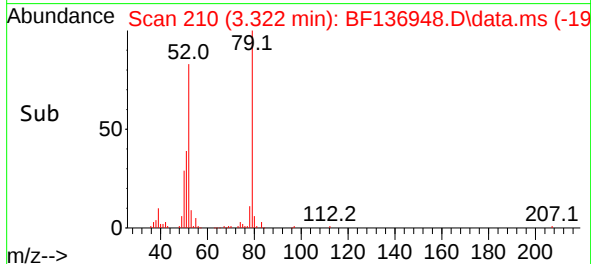
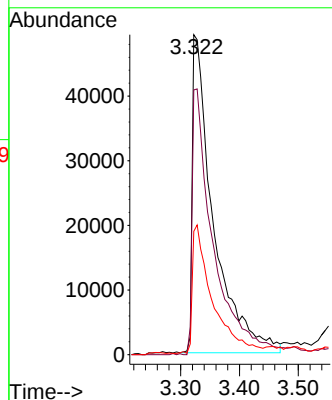
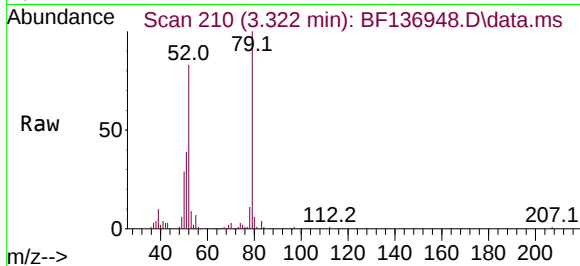




#3
Pyridine
Concen: 35.502 ng
RT: 3.322 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

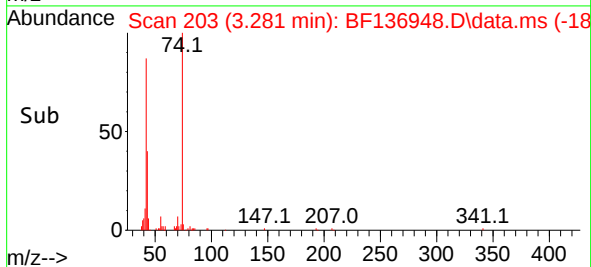
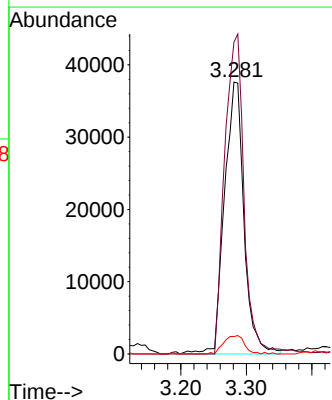
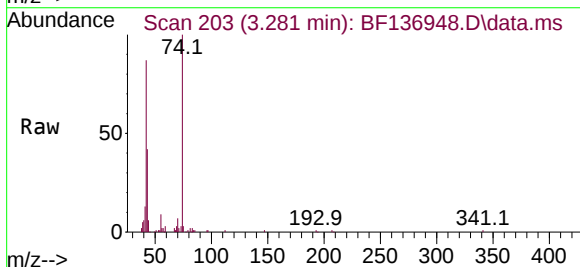
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BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

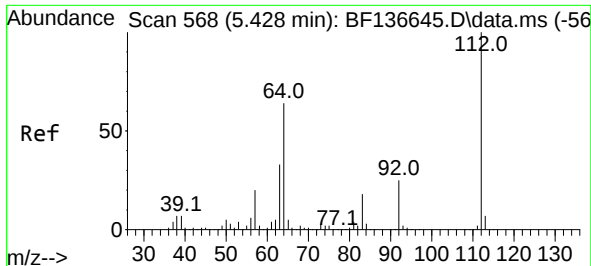
Tgt Ion: 79 Resp: 122612
Ion Ratio Lower Upper
79 100
52 82.8 67.7 101.5
51 38.5 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 42.102 ng
RT: 3.281 min Scan# 203
Delta R.T. 0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion: 42 Resp: 77649
Ion Ratio Lower Upper
42 100
74 114.7 96.0 144.0
44 6.4 5.4 8.2

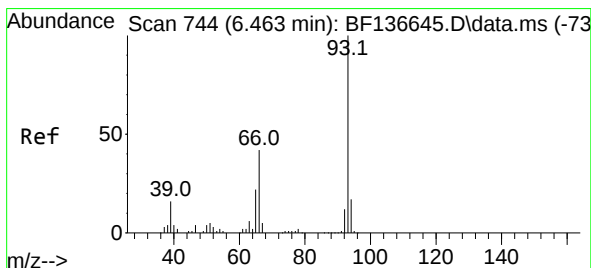
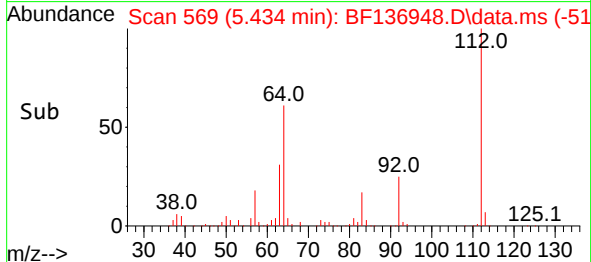
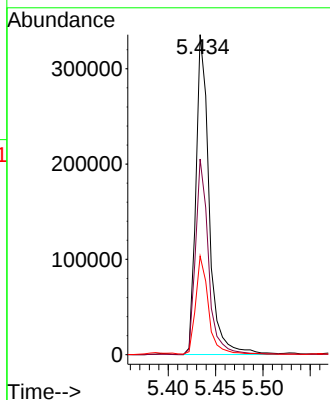
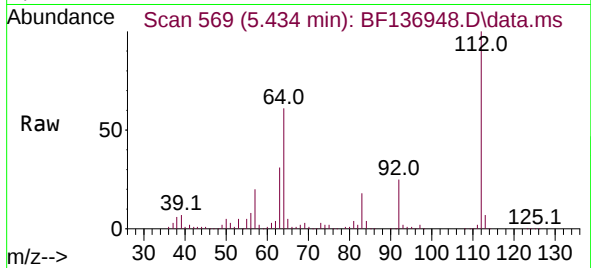




#5
2-Fluorophenol
Concen: 96.689 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

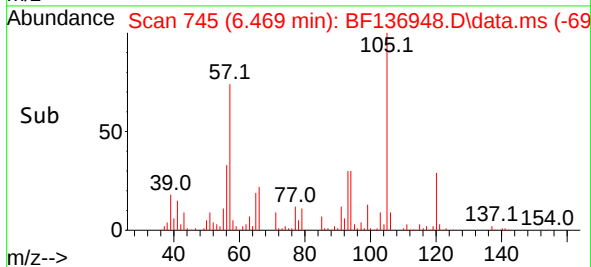
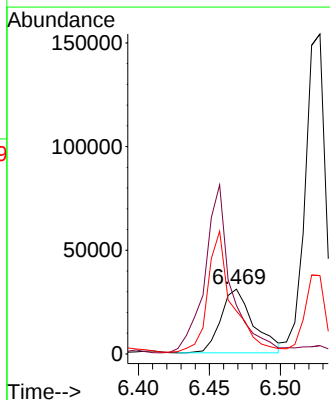
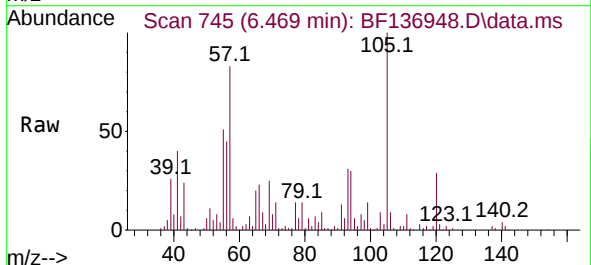
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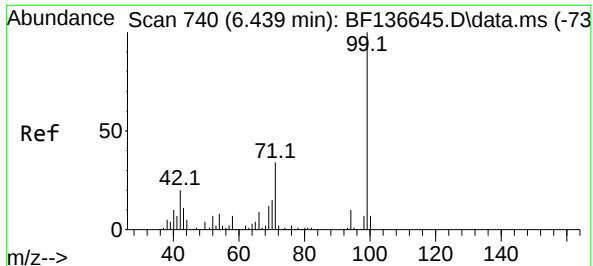
Tgt Ion:112 Resp: 328478
Ion Ratio Lower Upper
112 100
64 61.1 51.1 76.7
63 30.8 26.1 39.1



#6
Aniline
Concen: 11.172 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion: 93 Resp: 49172
Ion Ratio Lower Upper
93 100
66 75.2 34.6 51.8#
65 66.2 17.8 26.8#

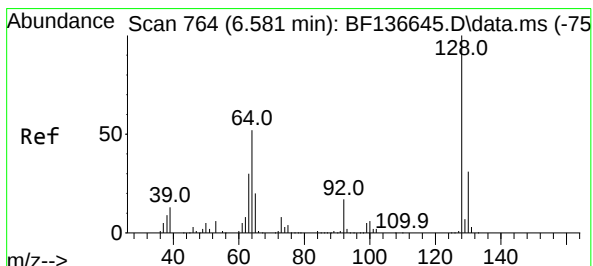
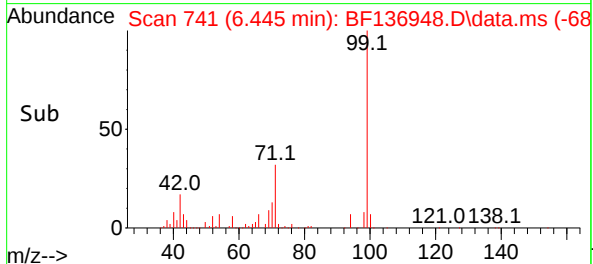
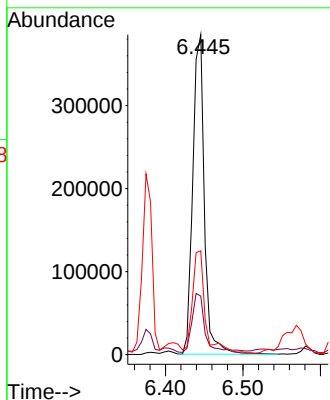
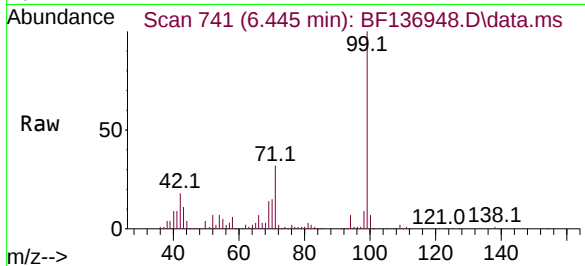




#7
Phenol-d6
Concen: 90.987 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

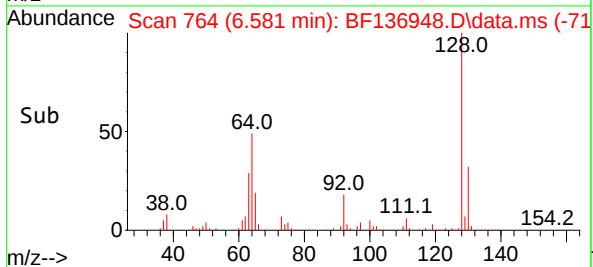
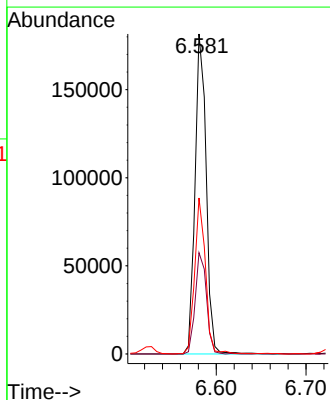
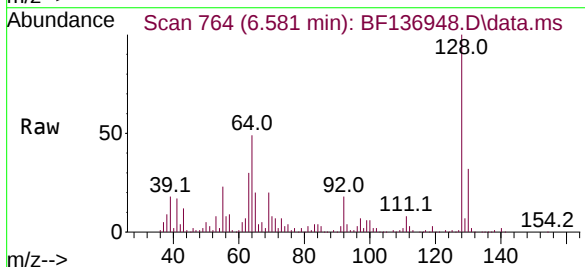
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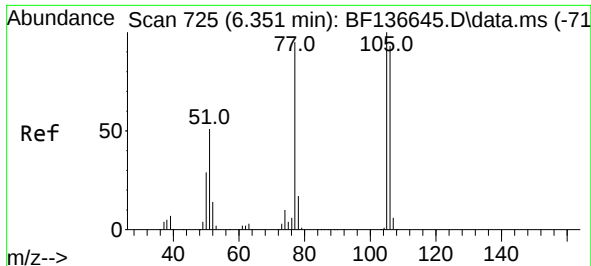
Tgt Ion: 99 Resp: 400529
Ion Ratio Lower Upper
99 100
42 18.3 16.1 24.1
71 32.5 27.4 41.2



#8
2-Chlorophenol
Concen: 42.130 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:128 Resp: 156628
Ion Ratio Lower Upper
128 100
130 31.7 11.3 51.3
64 48.7 32.5 72.5

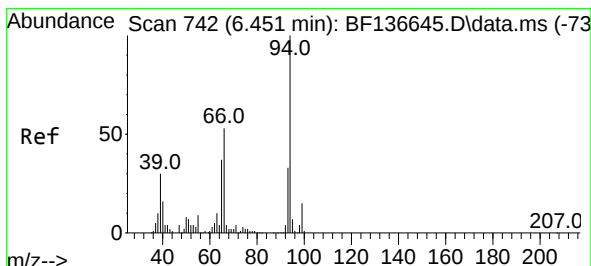
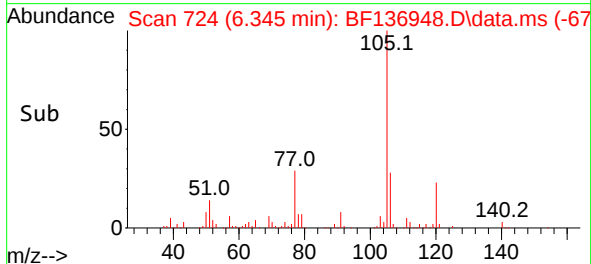
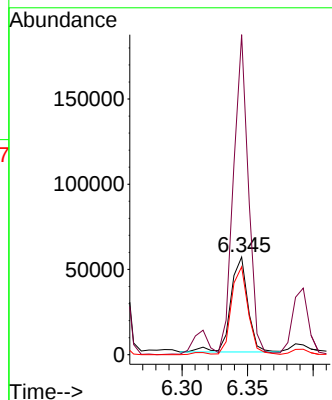
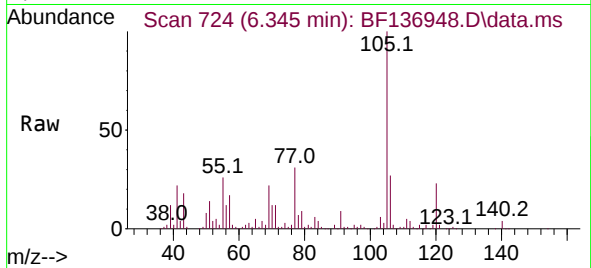




#9
Benzaldehyde
Concen: 20.293 ng
RT: 6.345 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

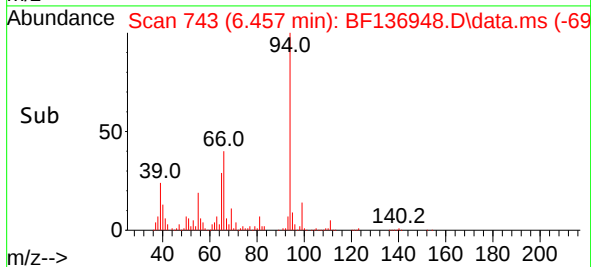
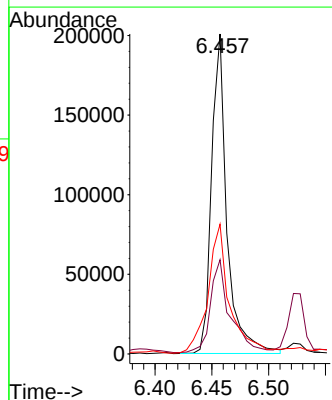
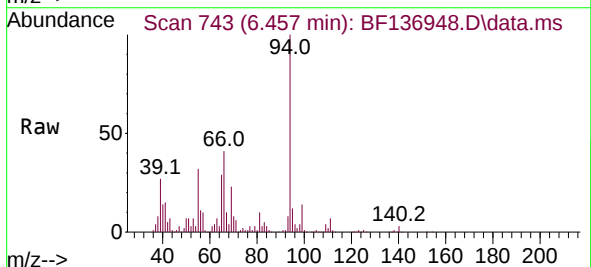
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ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

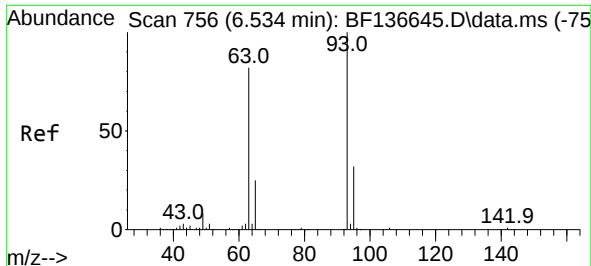
Tgt Ion: 77 Resp: 50810
Ion Ratio Lower Upper
77 100
105 327.8 84.8 124.8#
106 90.0 77.8 117.8



#10
Phenol
Concen: 40.074 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion: 94 Resp: 188314
Ion Ratio Lower Upper
94 100
65 29.4 16.6 56.6
66 40.6 32.6 72.6

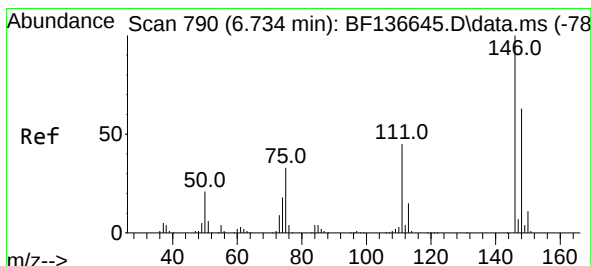
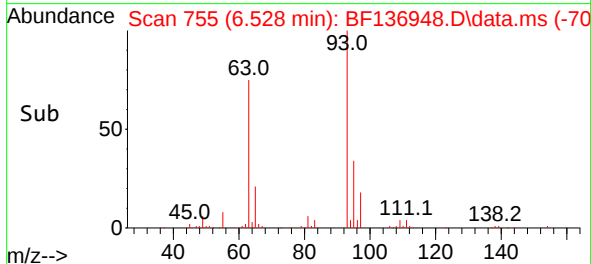
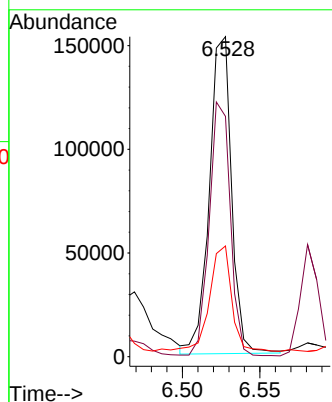
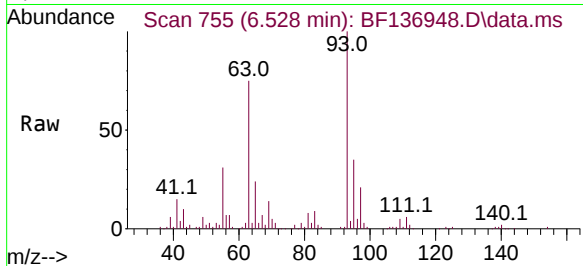




#11
bis(2-Chloroethyl)ether
Concen: 42.682 ng
RT: 6.528 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

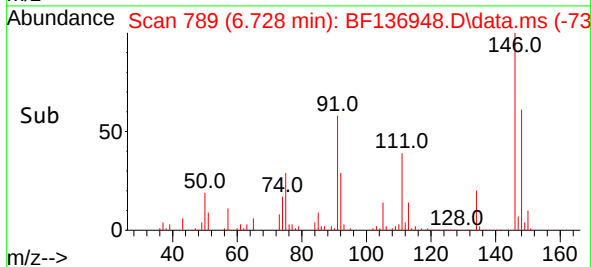
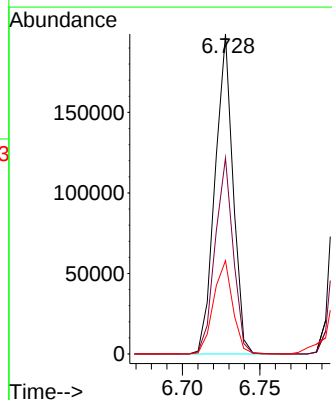
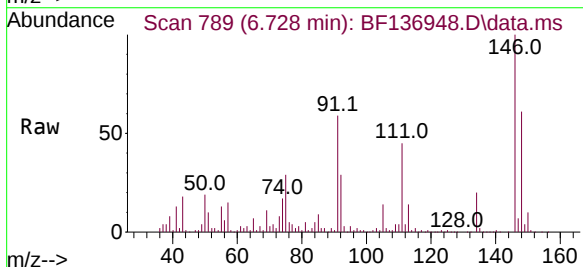
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

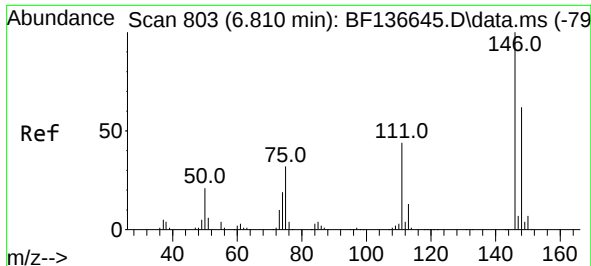
Tgt Ion: 93 Resp: 152533
Ion Ratio Lower Upper
93 100
63 75.1 61.2 101.2
95 34.6 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 39.456 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:146 Resp: 160021
Ion Ratio Lower Upper
146 100
148 61.3 50.5 75.7
75 29.2 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 39.999 ng

RT: 6.804 min Scan# 803

Delta R.T. -0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

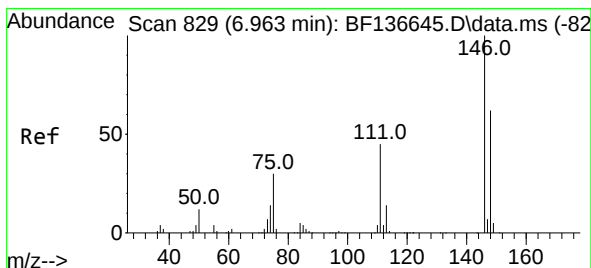
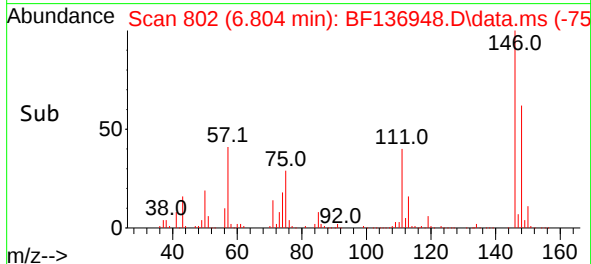
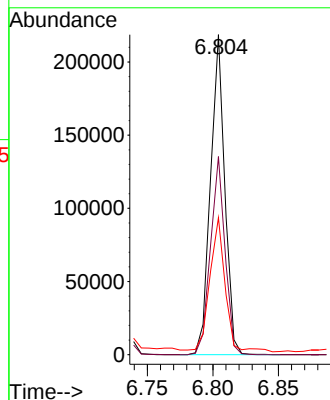
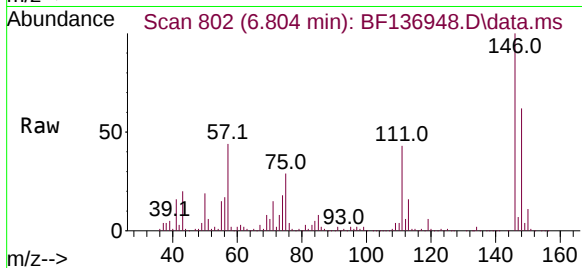
Tgt Ion:146 Resp: 165754

Ion Ratio Lower Upper

146 100

148 61.9 49.2 73.8

111 42.8 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.755 ng

RT: 6.957 min Scan# 828

Delta R.T. -0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

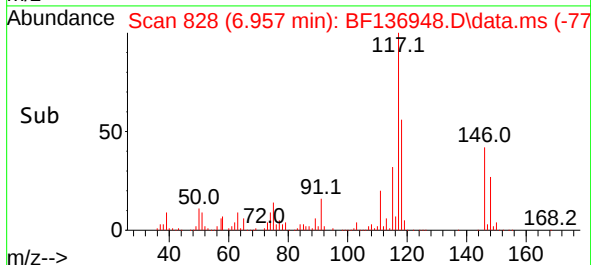
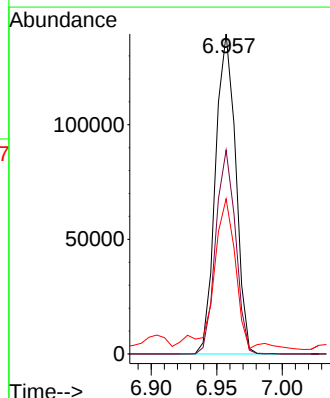
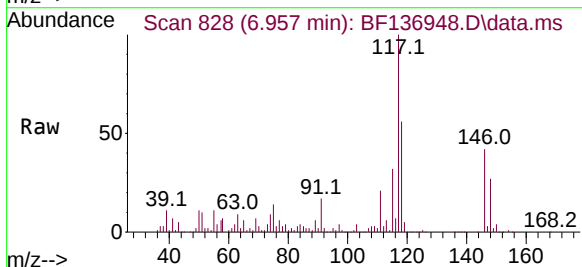
Tgt Ion:146 Resp: 149441

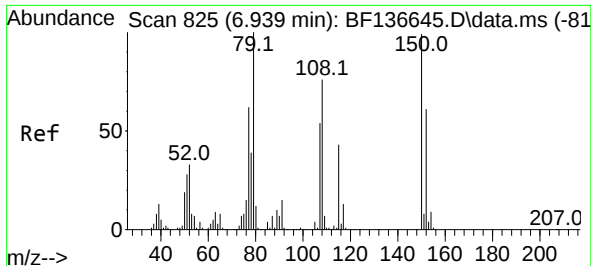
Ion Ratio Lower Upper

146 100

148 63.7 49.6 74.4

111 48.5 36.2 54.2

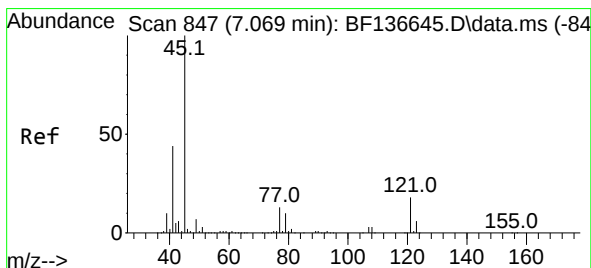
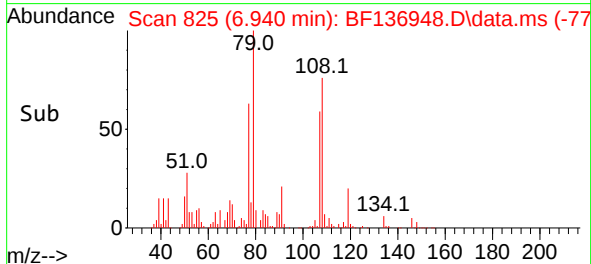
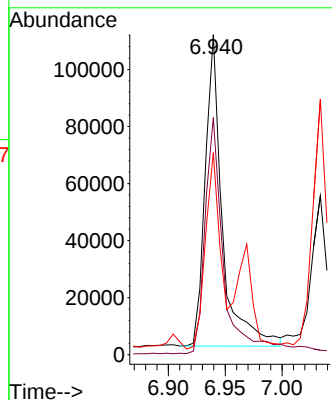
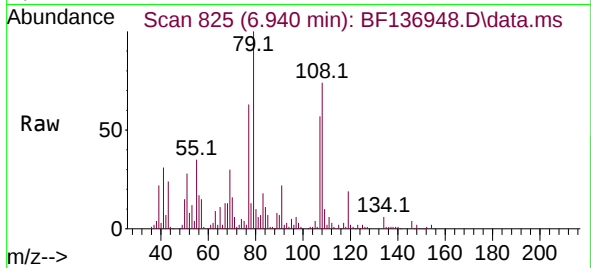




#15
Benzyl Alcohol
Concen: 38.566 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

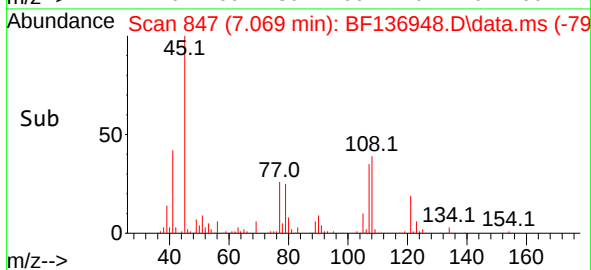
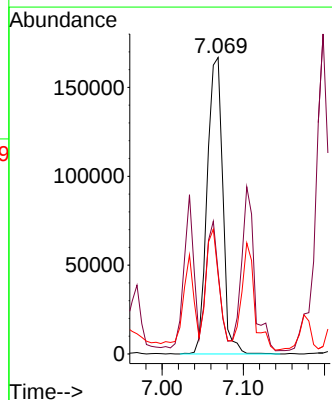
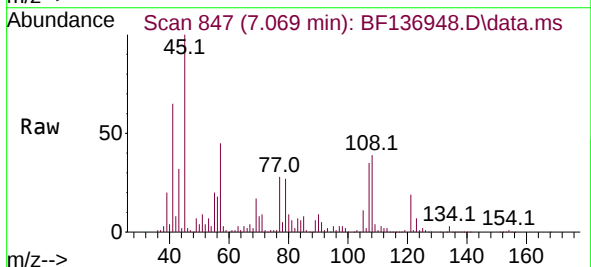
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

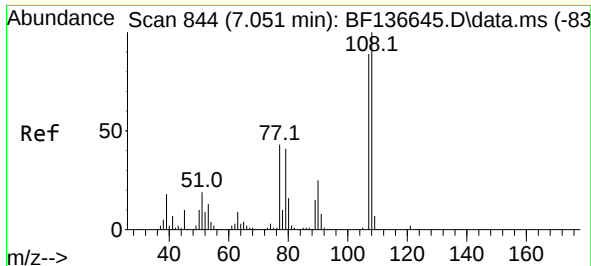
Tgt Ion: 79 Resp: 114533
Ion Ratio Lower Upper
79 100
108 74.1 61.0 91.6
77 63.1 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.844 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

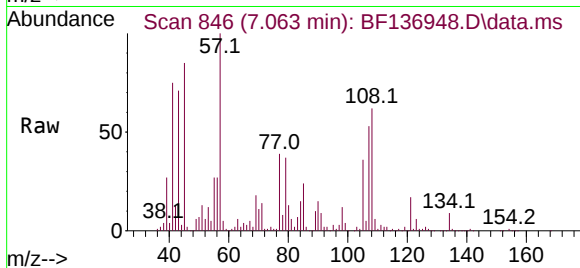
Tgt Ion: 45 Resp: 221112
Ion Ratio Lower Upper
45 100
77 27.6 0.0 34.3
79 26.7 0.0 31.4



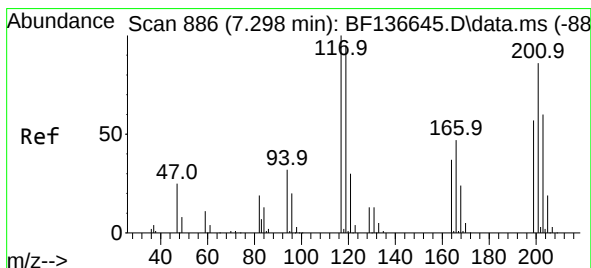
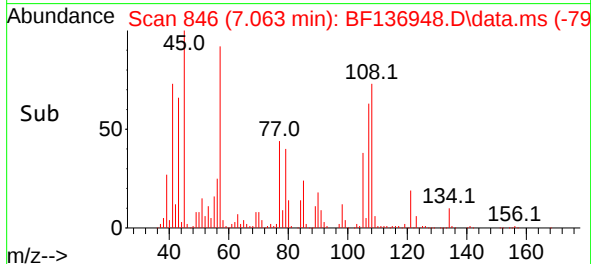
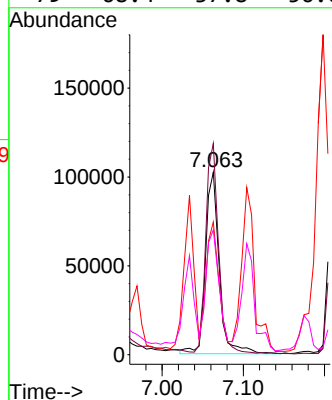


#17
2-Methylphenol
Concen: 38.841 ng
RT: 7.063 min Scan# 844
Delta R.T. 0.012 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

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

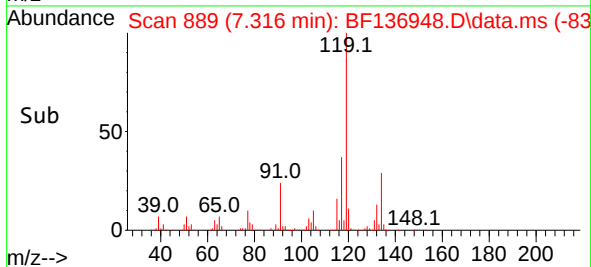
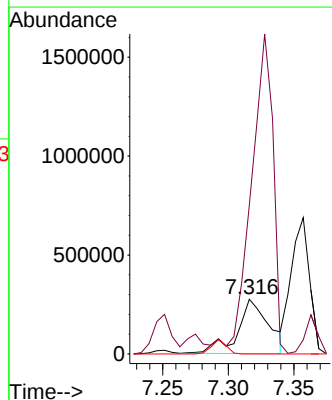
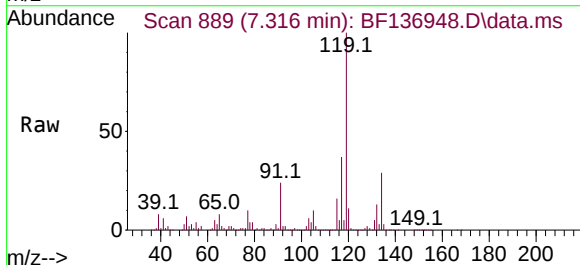


Tgt Ion:107 Resp: 119627
Ion Ratio Lower Upper
107 100
108 115.7 90.3 135.5
77 72.7 38.7 58.1#
79 68.4 37.8 56.6#



#18
Hexachloroethane
Concen: 299.188 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.018 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:117 Resp: 450269
Ion Ratio Lower Upper
117 100
119 272.1 75.8 113.6#
201 0.0 69.1 103.7#





#19

n-Nitroso-di-n-propylamine

Concen: 49.287 ng

RT: 7.204 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF136948.D

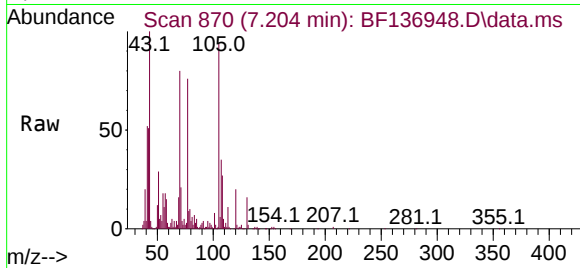
Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD



Tgt Ion: 70 Resp: 131522

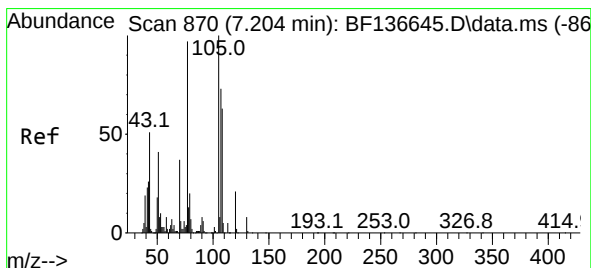
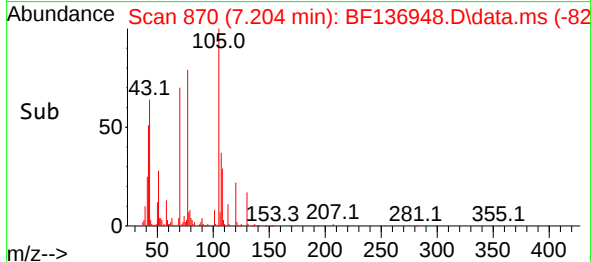
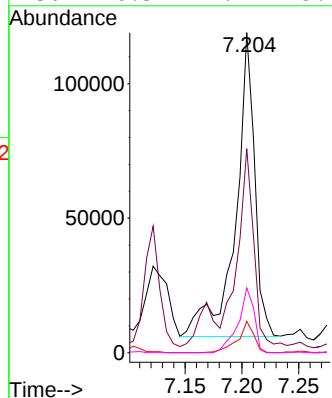
Ion Ratio Lower Upper

70 100

42 63.7 54.2 81.4

101 9.7 7.6 11.4

130 20.3 17.1 25.7



#20

3+4-Methylphenols

Concen: 41.378 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Tgt Ion:107 Resp: 159212

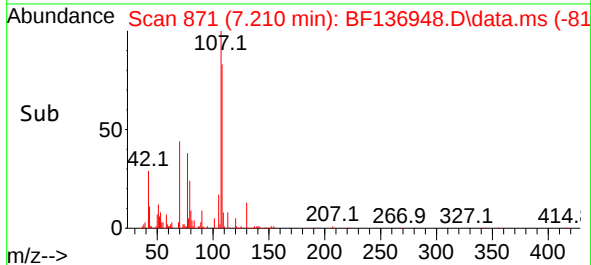
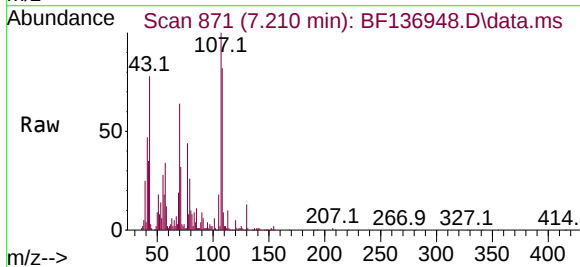
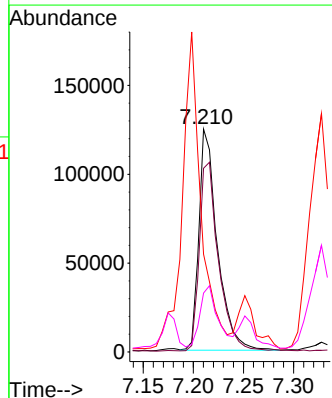
Ion Ratio Lower Upper

107 100

108 82.4 66.0 106.0

77 43.9 114.2 154.2#

79 26.4 7.2 47.2

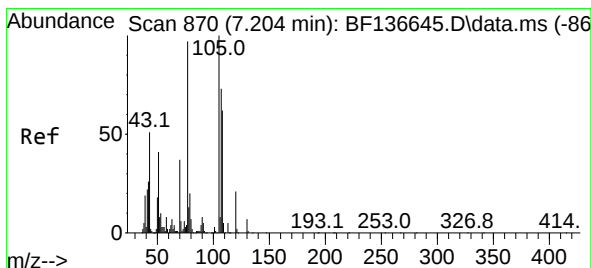
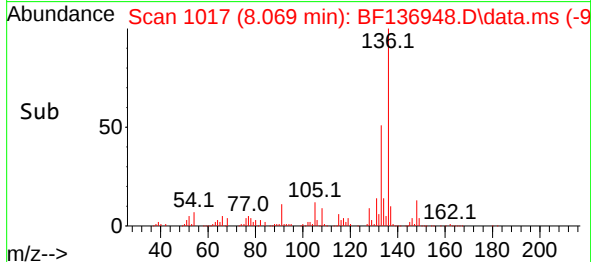
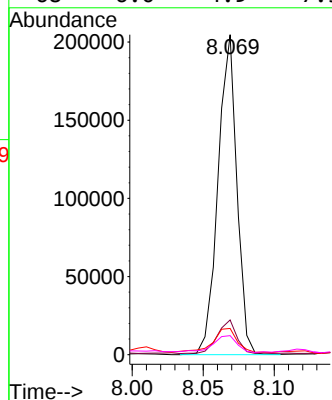
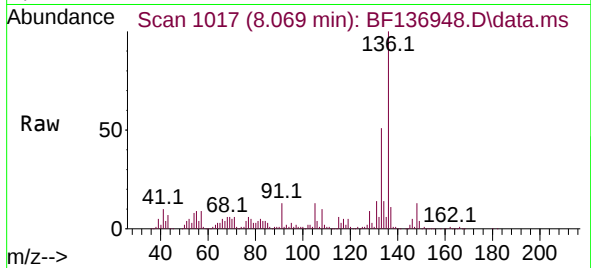




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.069 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

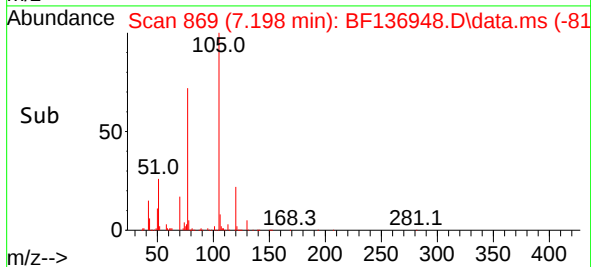
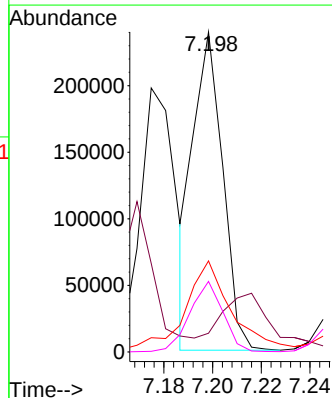
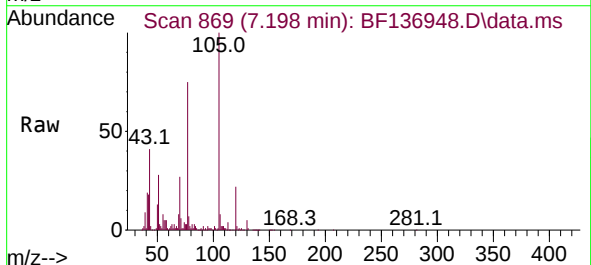
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

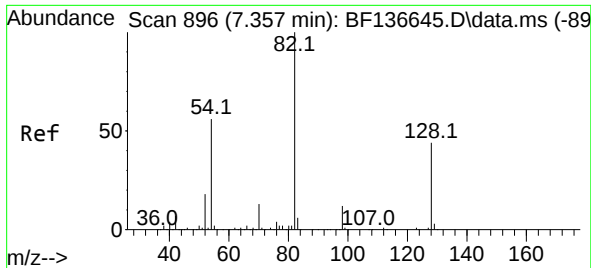
Tgt Ion:	136	Resp:	188405
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	8.2	7.2	10.8
68	6.0	4.9	7.3



#22
Acetophenone
Concen: 42.478 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:	105	Resp:	200598
Ion	Ratio	Lower	Upper
105	100		
71	5.9	4.8	7.2
51	28.5	32.8	49.2
120	22.1	17.0	25.6





#23

Nitrobenzene-d5

Concen: 62.899 ng

RT: 7.357 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

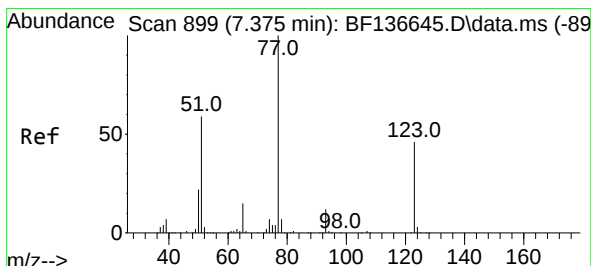
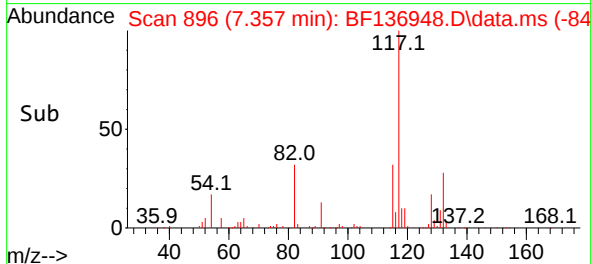
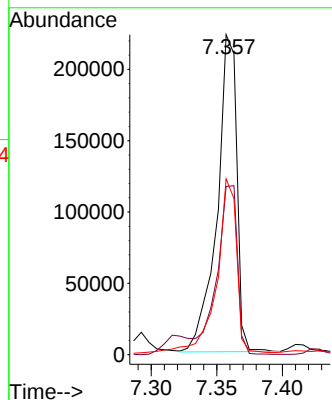
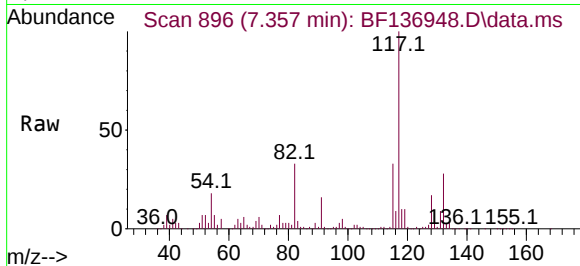
Tgt Ion: 82 Resp: 231587

Ion Ratio Lower Upper

82 100

128 52.6 35.3 52.9

54 55.0 44.5 66.7



#24

Nitrobenzene

Concen: 50.818 ng

RT: 7.375 min Scan# 899

Delta R.T. 0.000 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

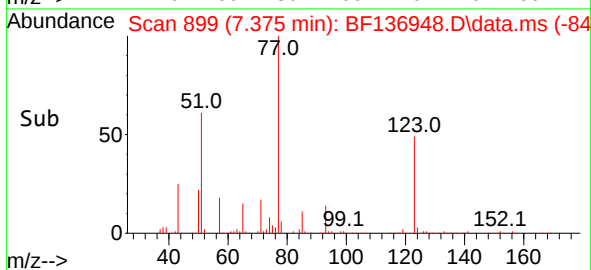
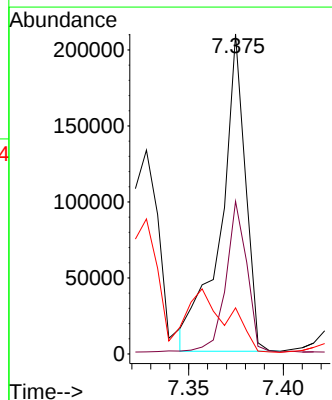
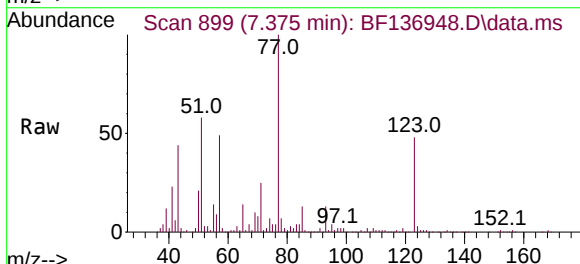
Tgt Ion: 77 Resp: 187429

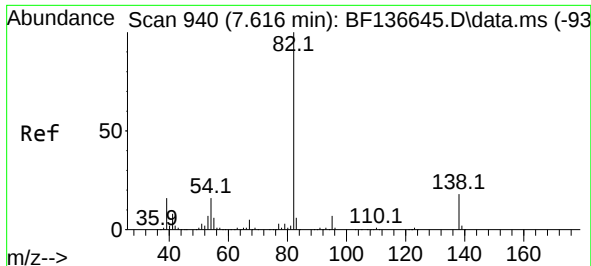
Ion Ratio Lower Upper

77 100

123 47.7 36.7 55.1

65 14.4 11.8 17.6

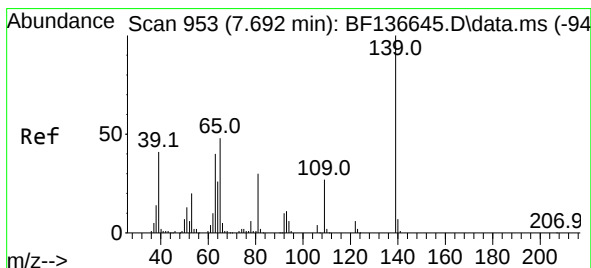
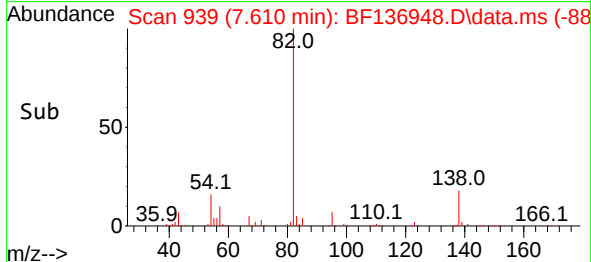
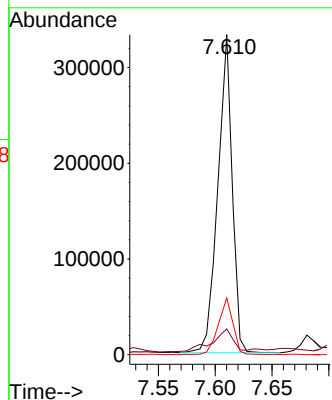
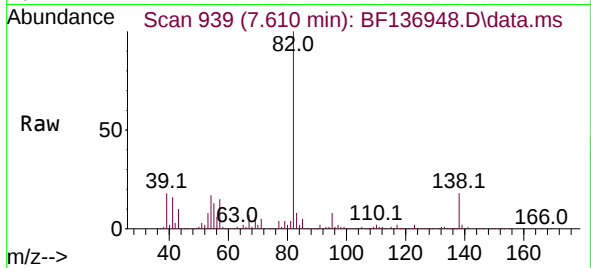




#25
Isophorone
Concen: 43.812 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

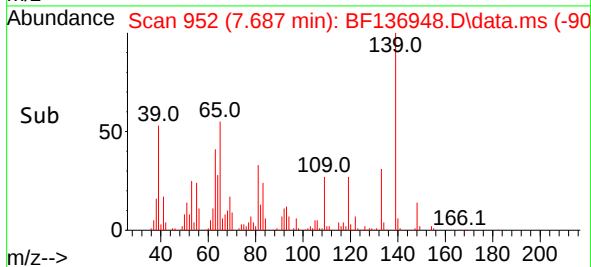
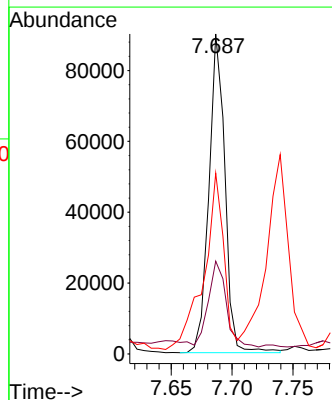
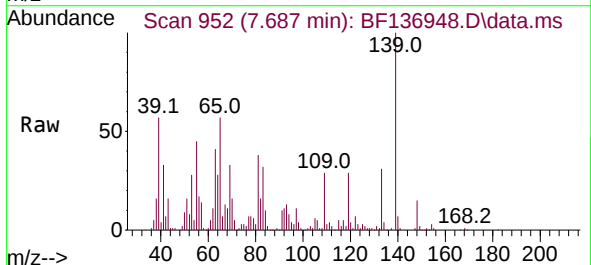
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

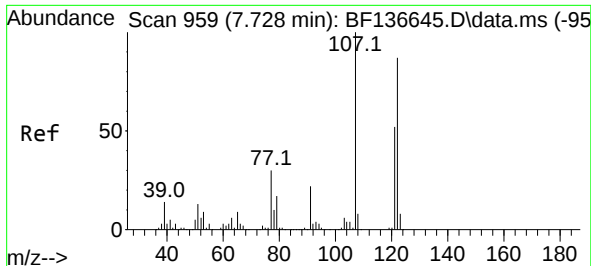
Tgt Ion: 82 Resp: 293522
Ion Ratio Lower Upper
82 100
95 8.0 5.5 8.3
138 17.7 14.5 21.7



#26
2-Nitrophenol
Concen: 46.586 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:139 Resp: 82206
Ion Ratio Lower Upper
139 100
109 29.0 21.9 32.9
65 56.5 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 34.408 ng

RT: 7.734 min Scan# 910

Delta R.T. 0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

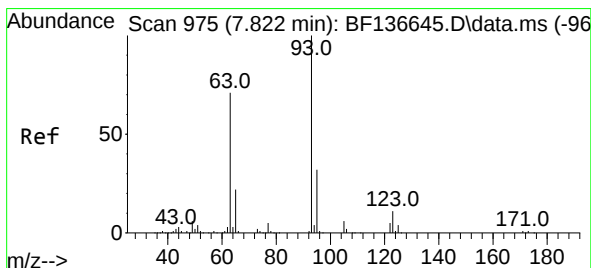
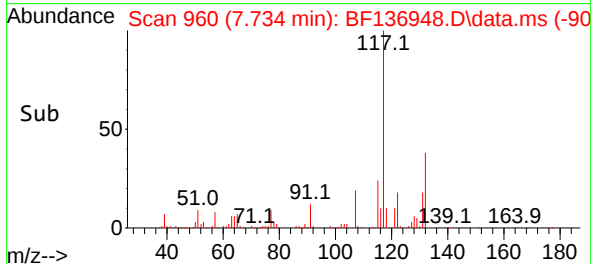
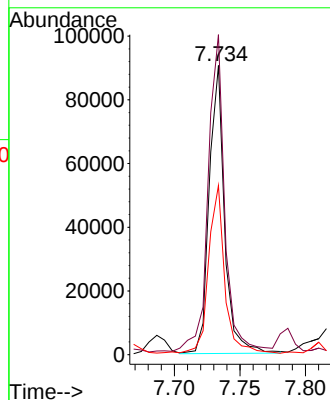
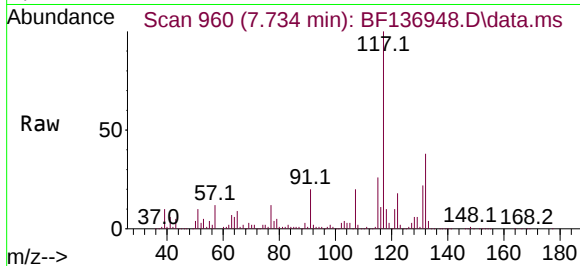
Tgt Ion:122 Resp: 73920

Ion Ratio Lower Upper

122 100

107 110.7 92.0 138.0

121 58.5 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.415 ng

RT: 7.822 min Scan# 975

Delta R.T. 0.000 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

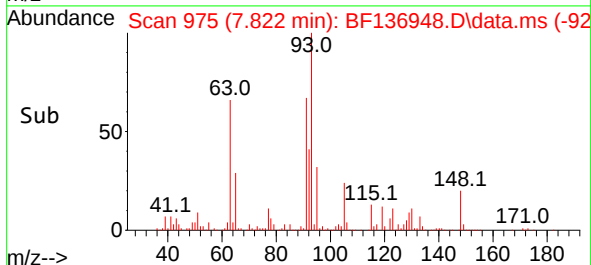
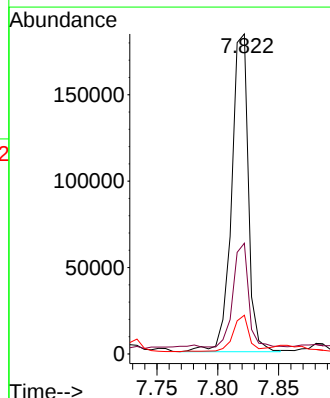
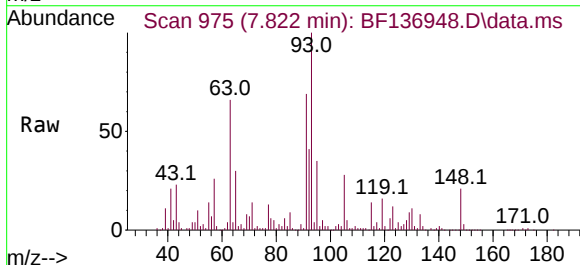
Tgt Ion: 93 Resp: 176801

Ion Ratio Lower Upper

93 100

95 34.6 25.5 38.3

123 12.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 48.114 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.006 min

Lab File: BF136948.D

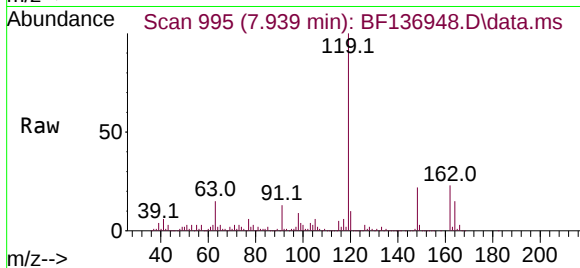
Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD



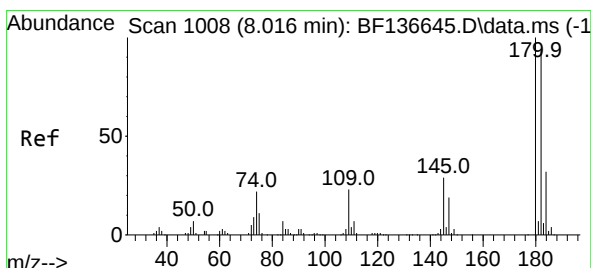
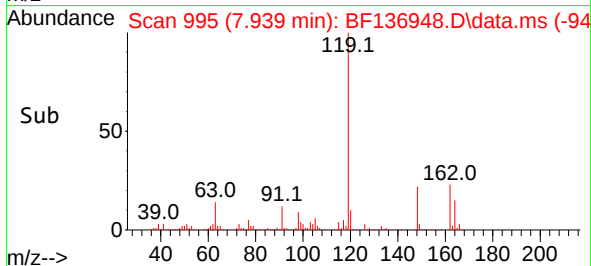
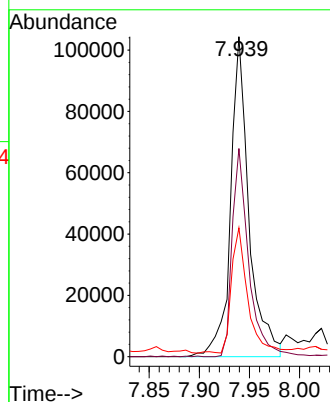
Tgt Ion:162 Resp: 133074

Ion Ratio Lower Upper

162 100

164 65.0 41.7 81.7

98 40.2 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 43.938 ng

RT: 8.010 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

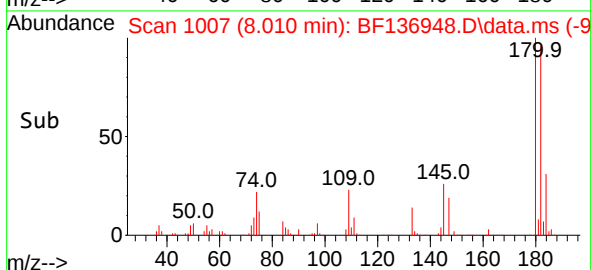
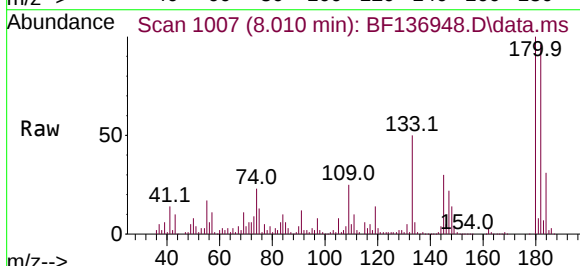
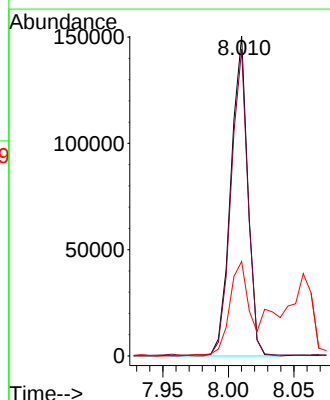
Tgt Ion:180 Resp: 135401

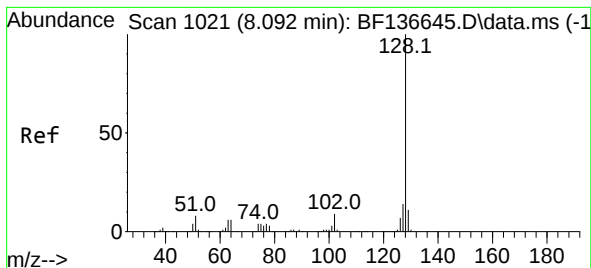
Ion Ratio Lower Upper

180 100

182 95.9 75.4 113.0

145 29.5 23.1 34.7





#31

Naphthalene

Concen: 120.436 ng

RT: 8.092 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

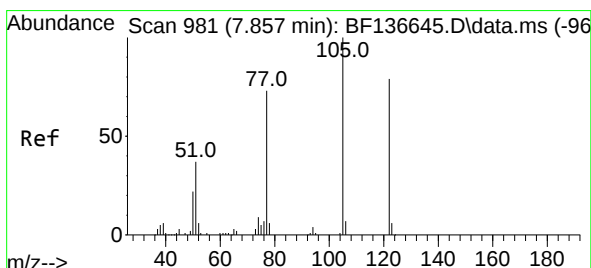
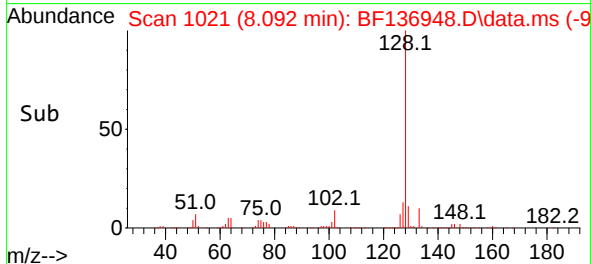
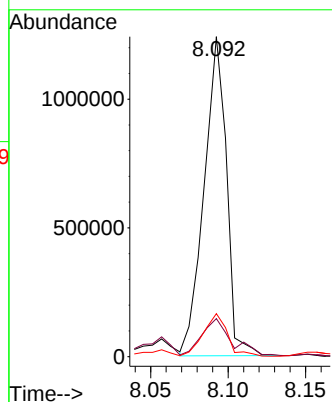
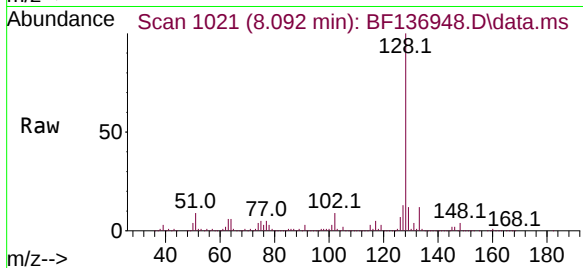
Tgt Ion:128 Resp: 1246573

Ion Ratio Lower Upper

128 100

129 11.9 8.7 13.1

127 13.5 10.8 16.2



#32

Benzoic acid

Concen: 42.880 ng

RT: 7.869 min Scan# 983

Delta R.T. 0.012 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

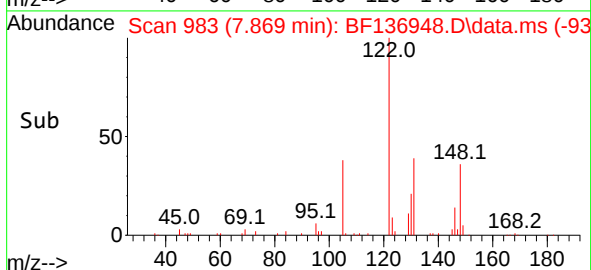
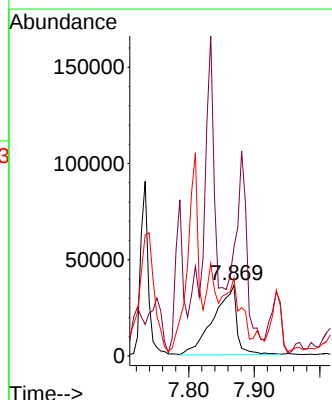
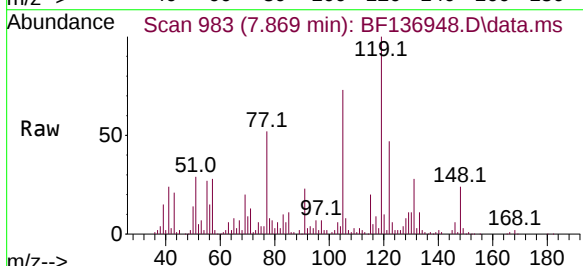
Tgt Ion:122 Resp: 89133

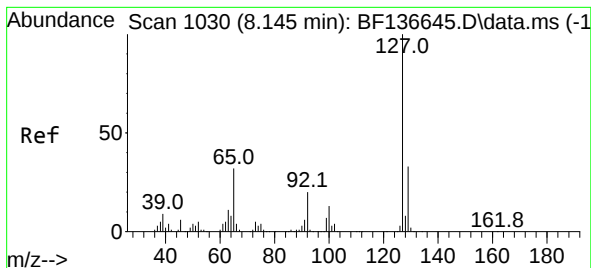
Ion Ratio Lower Upper

122 100

105 154.3 100.8 140.8#

77 110.3 70.9 110.9





#33

4-Chloroaniline

Concen: 6.679 ng

RT: 8.157 min Scan# 1032

Delta R.T. 0.012 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

Tgt Ion:127 Resp: 25524

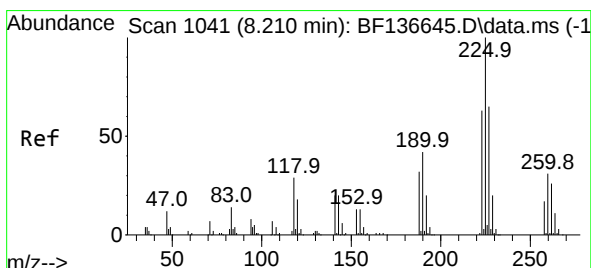
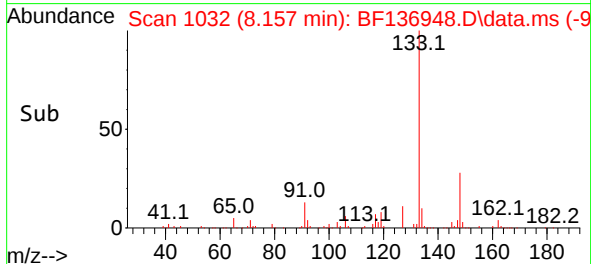
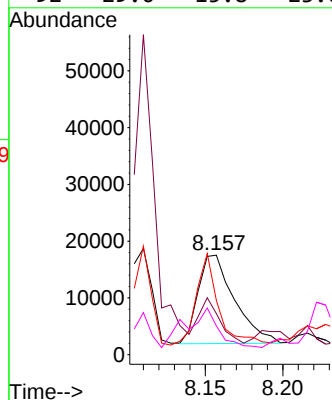
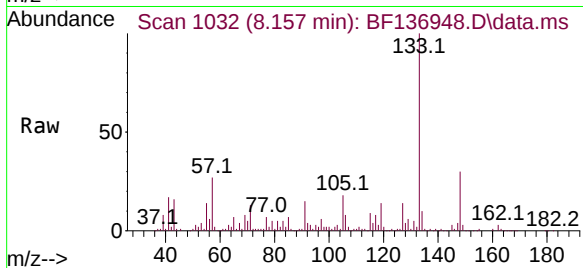
Ion Ratio Lower Upper

127 100

129 41.3 26.3 39.5#

65 54.4 25.8 38.8#

92 29.0 15.8 23.6#



#34

Hexachlorobutadiene

Concen: 41.872 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.012 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

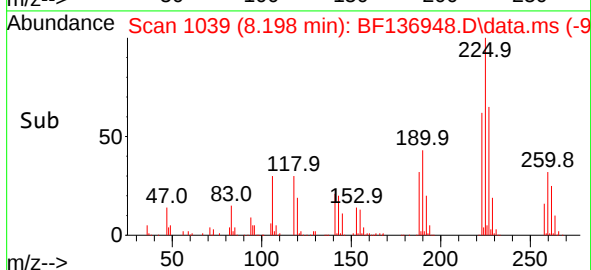
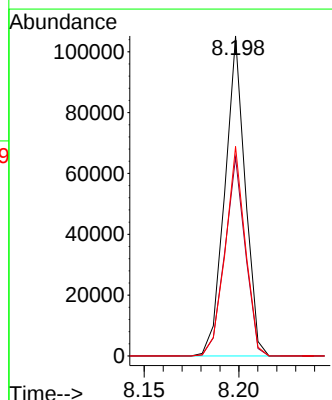
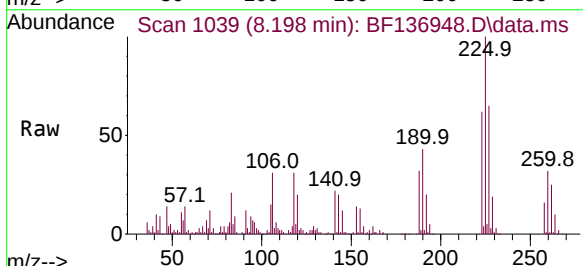
Tgt Ion:225 Resp: 78396

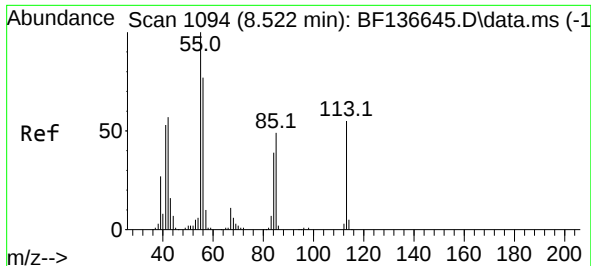
Ion Ratio Lower Upper

225 100

223 62.1 50.6 76.0

227 65.5 51.9 77.9

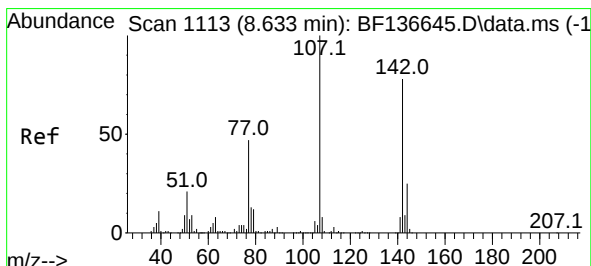
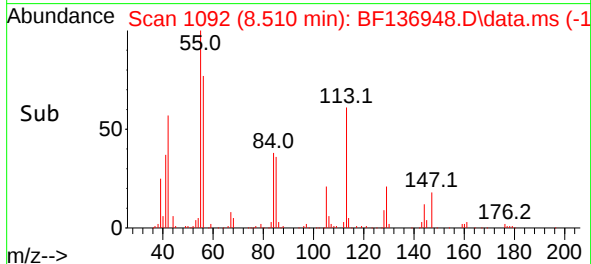
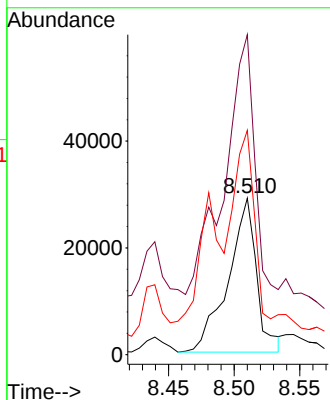
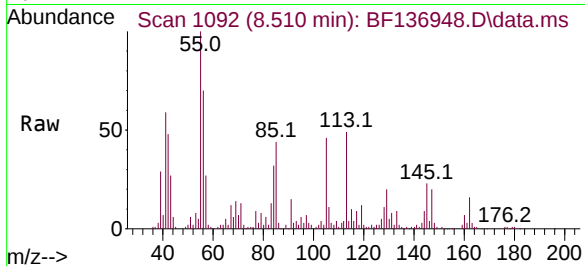




#35
 Caprolactam
 Concen: 47.869 ng
 RT: 8.510 min Scan# 1109
 Delta R.T. -0.012 min
 Lab File: BF136948.D
 Acq: 04 Jan 2024 19:13

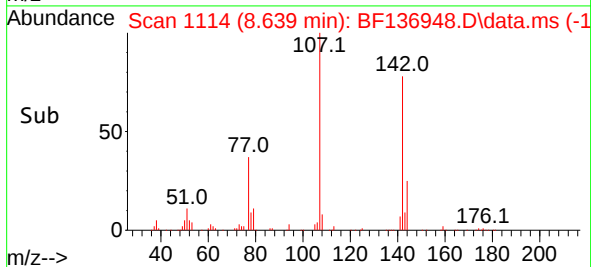
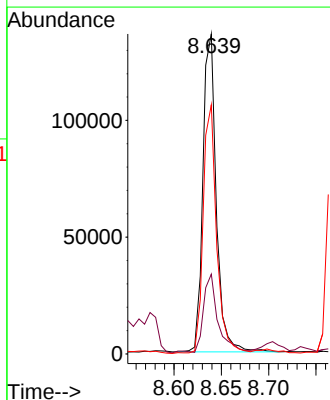
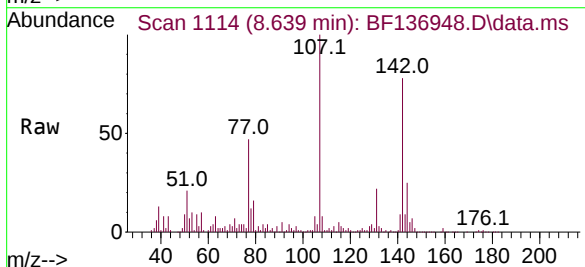
Instrument :
 BNA_F
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MSD

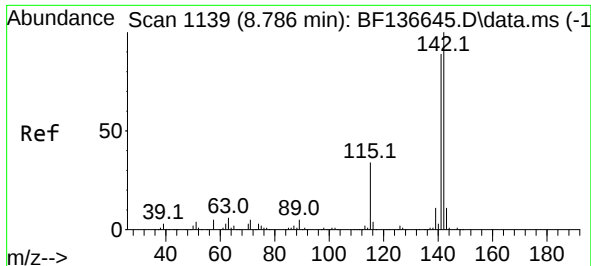
Tgt Ion:113 Resp: 43677
 Ion Ratio Lower Upper
 113 100
 55 204.5 163.1 203.1#
 56 143.3 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 43.091 ng
 RT: 8.639 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF136948.D
 Acq: 04 Jan 2024 19:13

Tgt Ion:107 Resp: 134170
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.2 30.2
 142 77.9 62.3 93.5

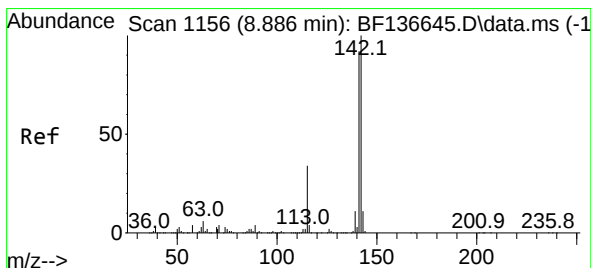
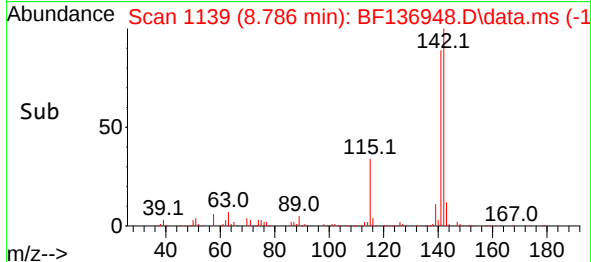
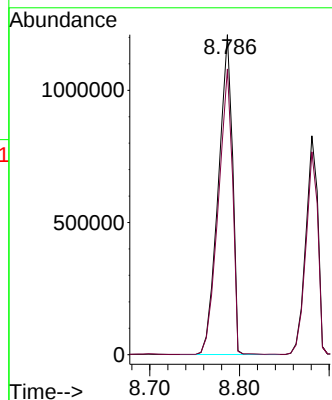
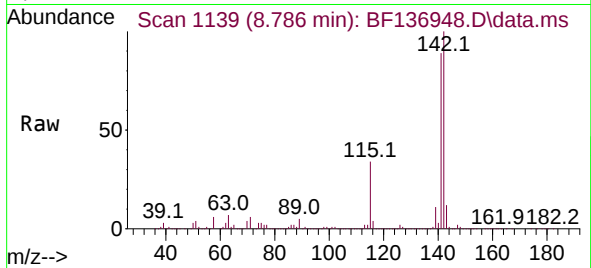




#37
2-Methylnaphthalene
Concen: 198.504 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

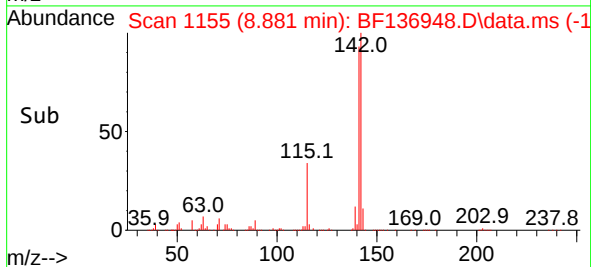
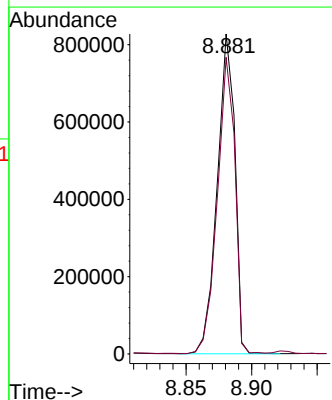
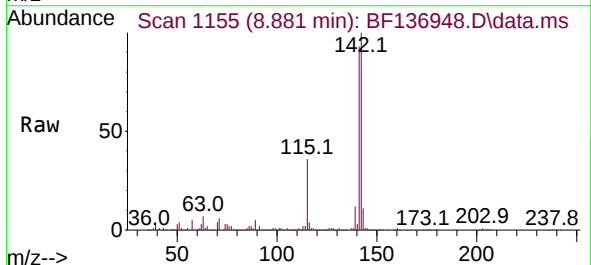
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

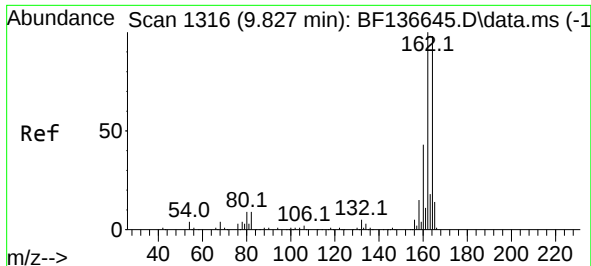
Tgt Ion:142 Resp: 1322284
Ion Ratio Lower Upper
142 100
141 89.3 71.1 106.7



#38
1-Methylnaphthalene
Concen: 118.181 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:142 Resp: 772341
Ion Ratio Lower Upper
142 100
141 92.7 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: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

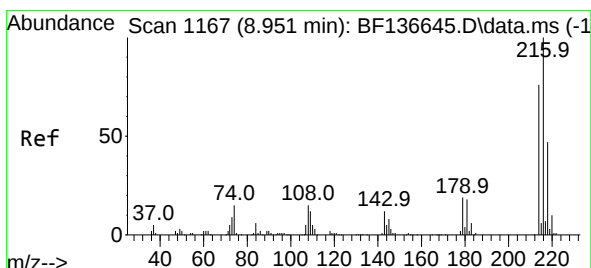
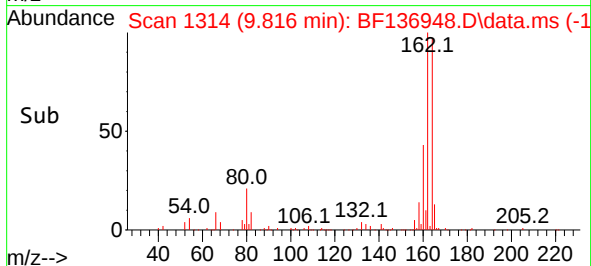
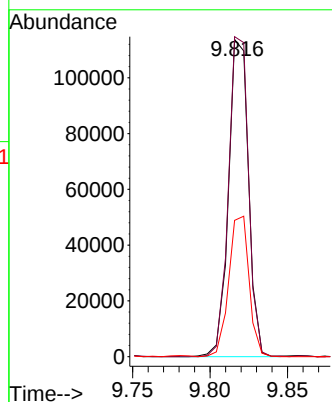
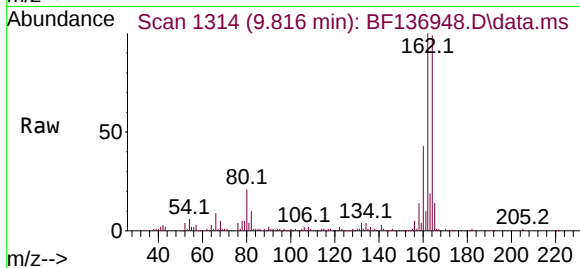
Tgt Ion:164 Resp: 102081

Ion Ratio Lower Upper

164 100

162 100.9 81.6 122.4

160 43.0 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.988 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Tgt Ion:216 Resp: 142226

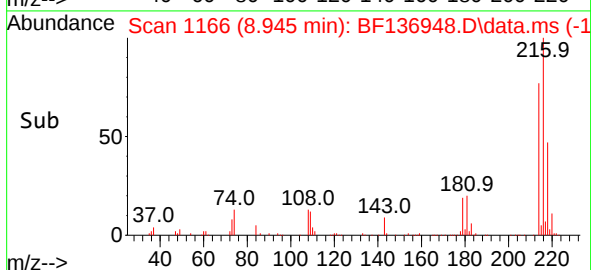
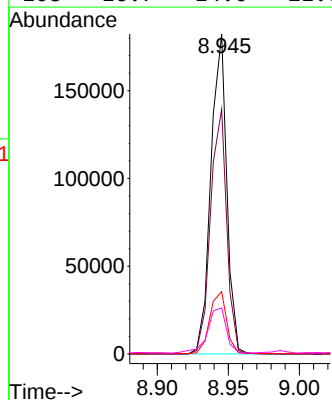
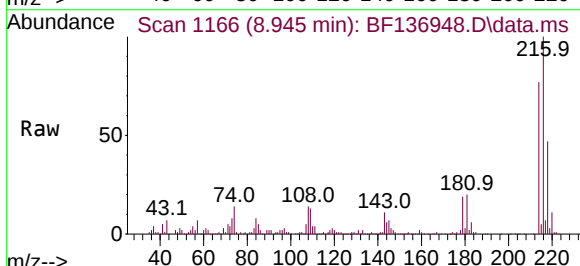
Ion Ratio Lower Upper

216 100

214 77.8 62.3 93.5

179 20.5 16.4 24.6

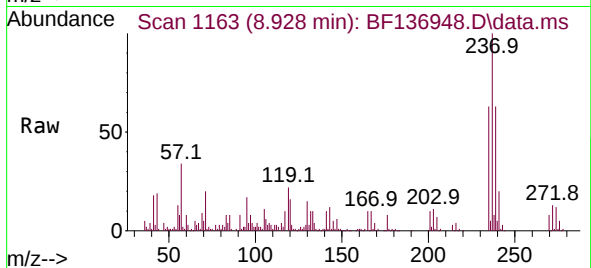
108 16.7 14.0 21.0



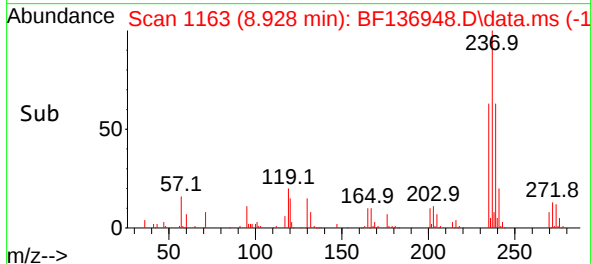
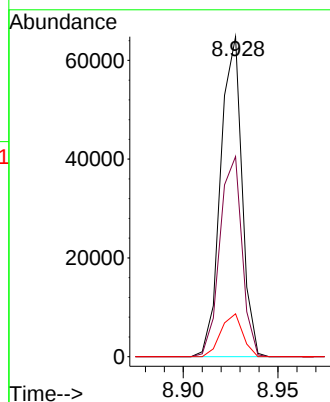


#41
Hexachlorocyclopentadiene
Concen: 52.157 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

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

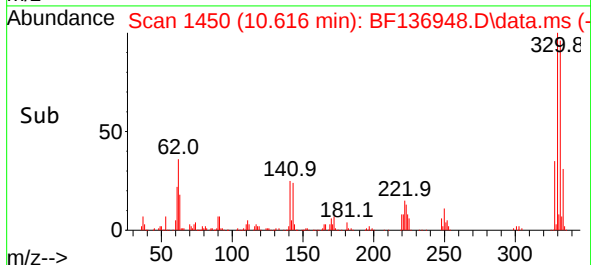
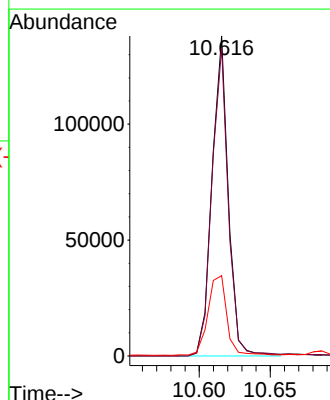
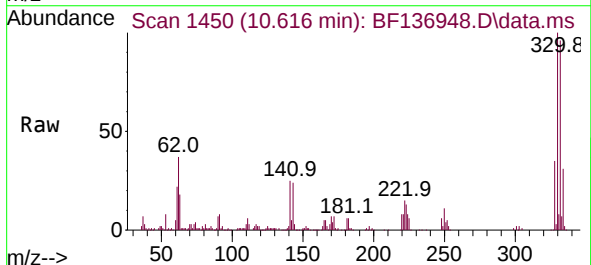


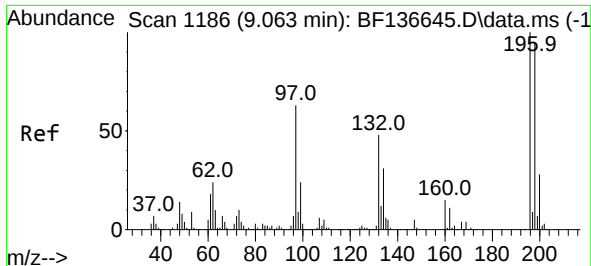
Tgt Ion:237 Resp: 50743
Ion Ratio Lower Upper
237 100
235 62.5 43.2 83.2
272 13.4 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 91.674 ng
RT: 10.616 min Scan# 1450
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:330 Resp: 110213
Ion Ratio Lower Upper
330 100
332 98.3 77.4 116.0
141 29.1 23.4 35.2

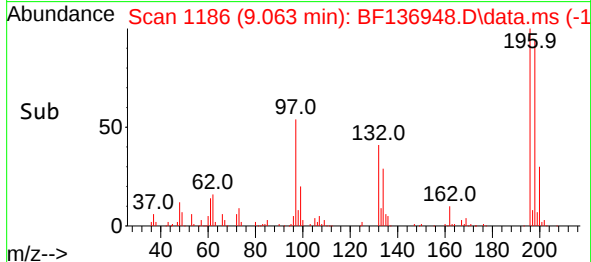
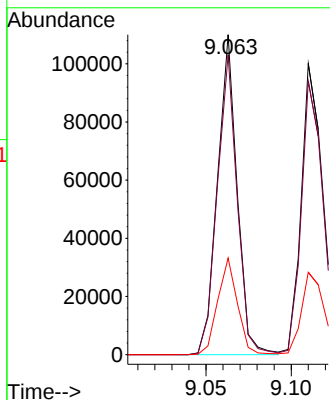
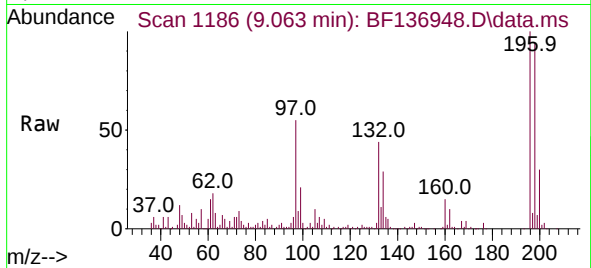




#43
2,4,6-Trichlorophenol
Concen: 43.636 ng
RT: 9.063 min Scan# 1186
Delta R.T. 0.000 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

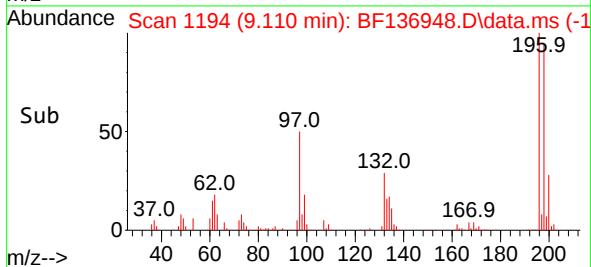
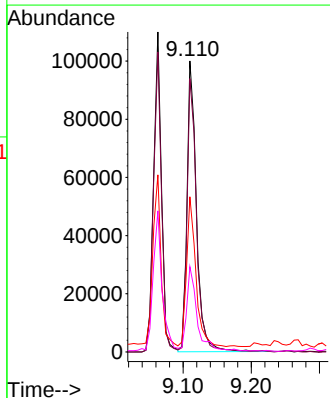
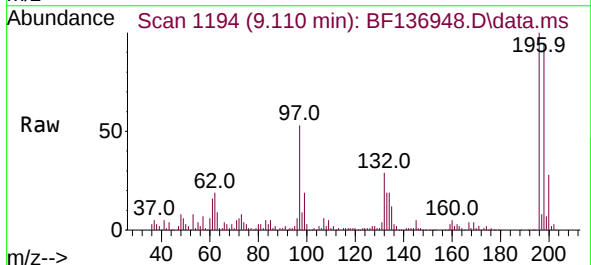
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

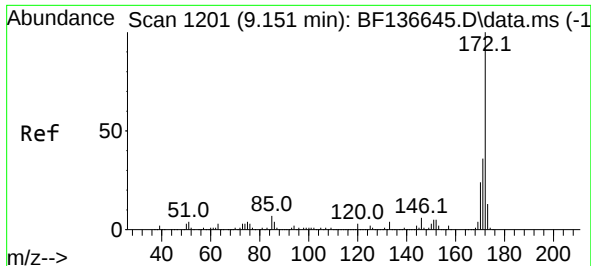
Tgt Ion:196 Resp: 88471
Ion Ratio Lower Upper
196 100
198 93.8 75.1 112.7
200 30.2 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 42.416 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:196 Resp: 95832
Ion Ratio Lower Upper
196 100
198 94.0 77.0 115.6
97 53.3 36.1 54.1
132 29.3 21.8 32.6

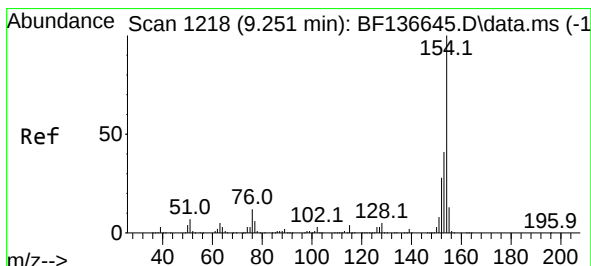
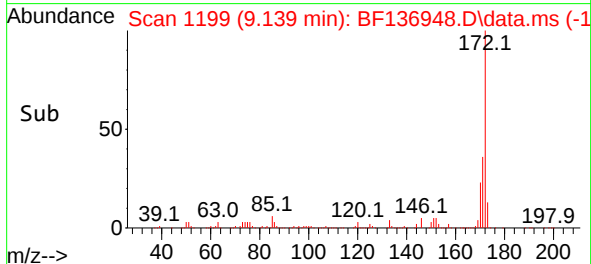
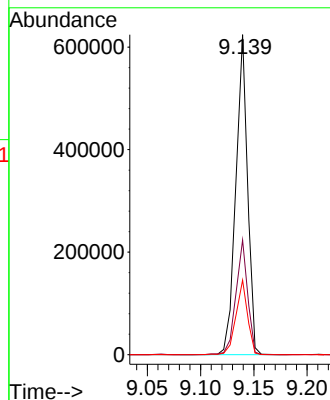
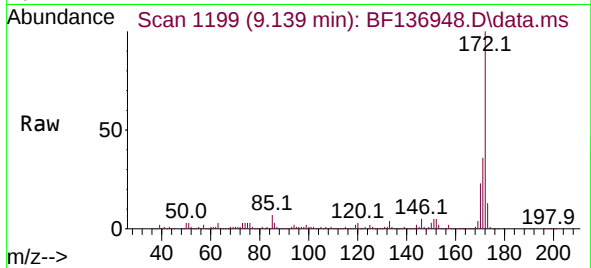




#45
2-Fluorobiphenyl
Concen: 63.151 ng
RT: 9.139 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

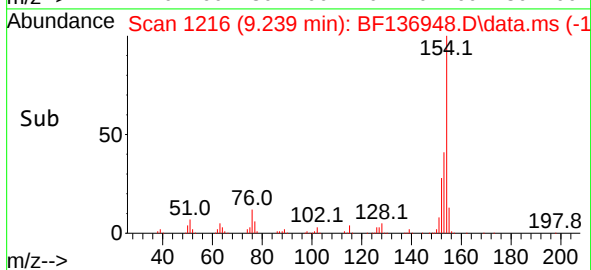
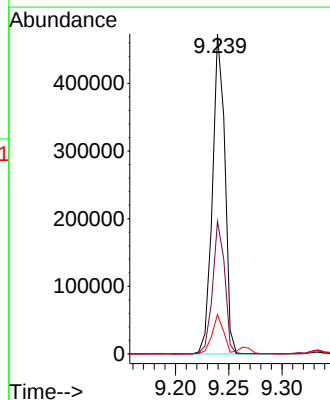
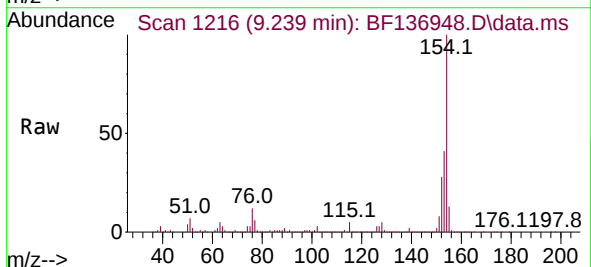
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

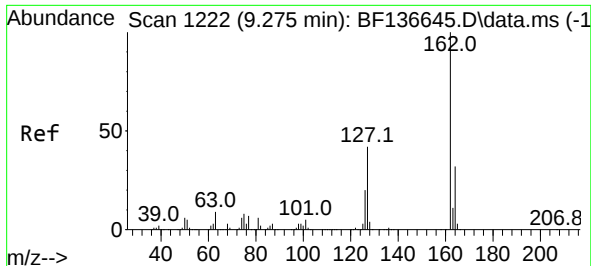
Tgt Ion:172 Resp: 479299
Ion Ratio Lower Upper
172 100
171 35.9 29.0 43.6
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 44.678 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:154 Resp: 382723
Ion Ratio Lower Upper
154 100
153 41.5 21.1 61.1
76 12.3 0.0 31.7

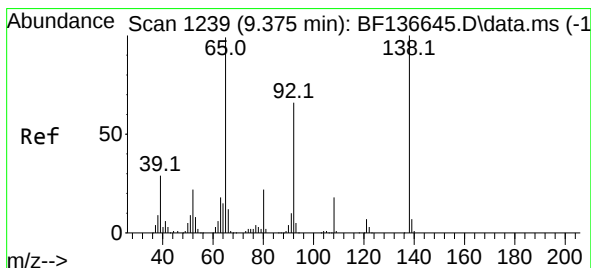
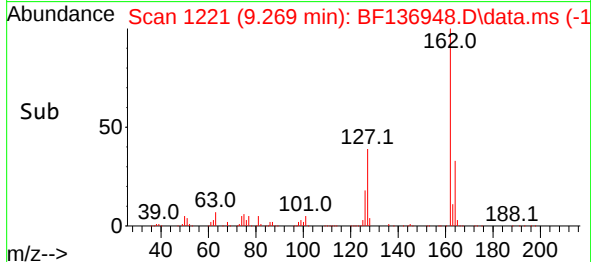
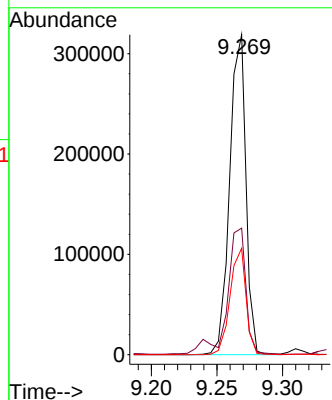
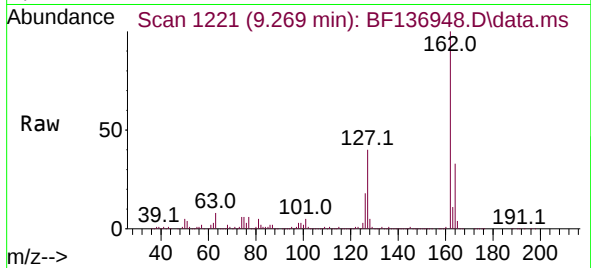




#47
2-Chloronaphthalene
Concen: 42.160 ng
RT: 9.269 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

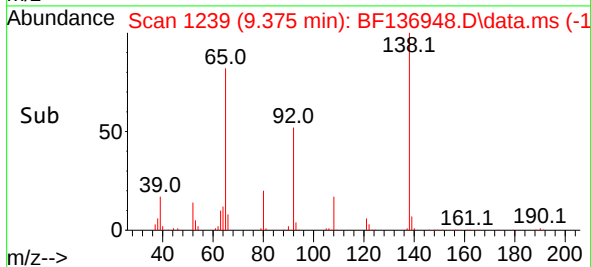
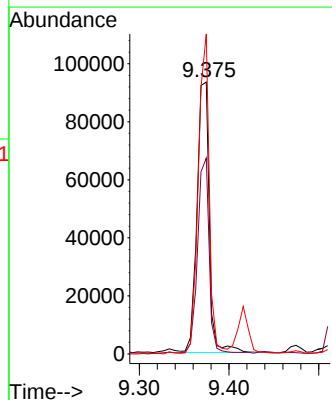
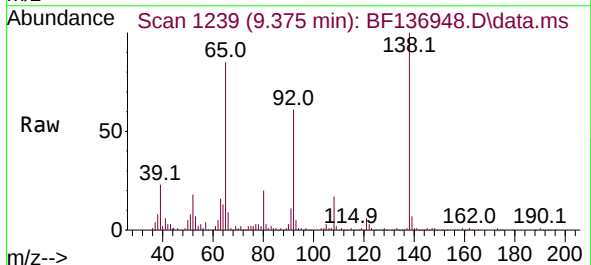
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

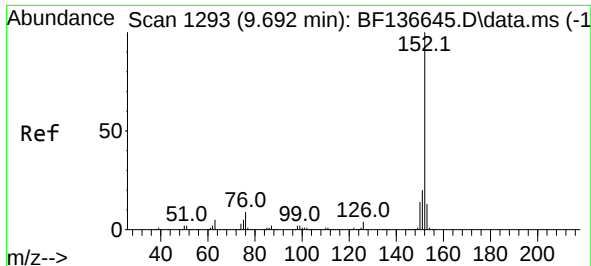
Tgt Ion:162 Resp: 274551
Ion Ratio Lower Upper
162 100
127 39.6 33.6 50.4
164 33.2 25.7 38.5



#48
2-Nitroaniline
Concen: 43.398 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion: 65 Resp: 88500
Ion Ratio Lower Upper
65 100
92 72.0 53.2 79.8
138 117.7 81.1 121.7





#49

Acenaphthylene

Concen: 45.415 ng

RT: 9.681 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

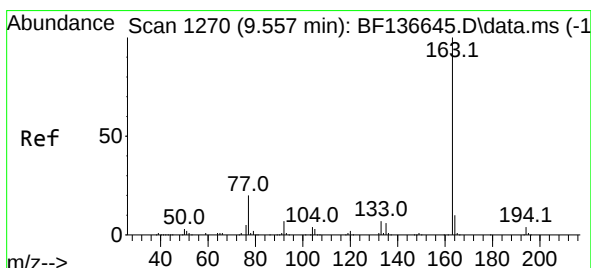
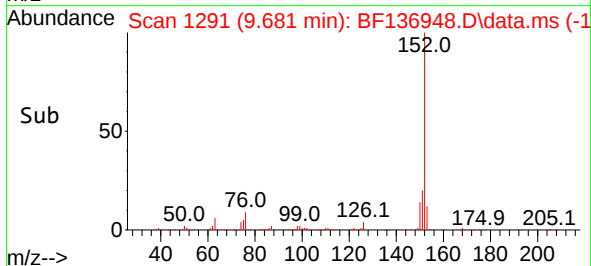
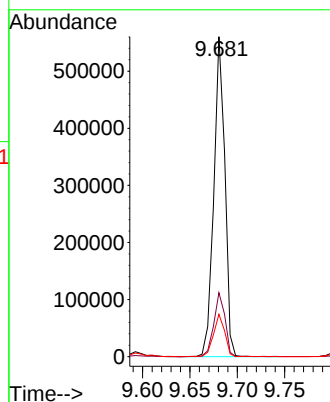
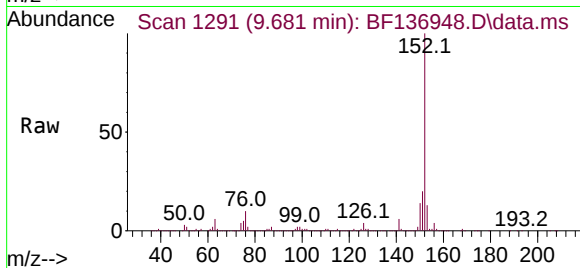
Tgt Ion:152 Resp: 452051

Ion Ratio Lower Upper

152 100

151 20.0 16.2 24.4

153 13.2 10.2 15.2



#50

Dimethylphthalate

Concen: 42.167 ng

RT: 9.545 min Scan# 1268

Delta R.T. -0.012 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

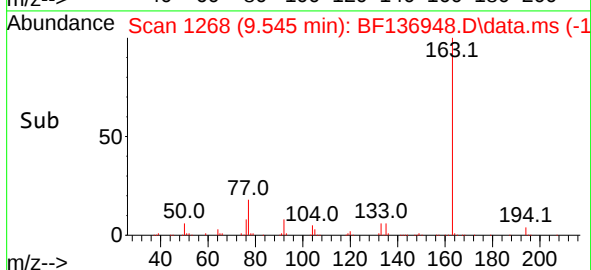
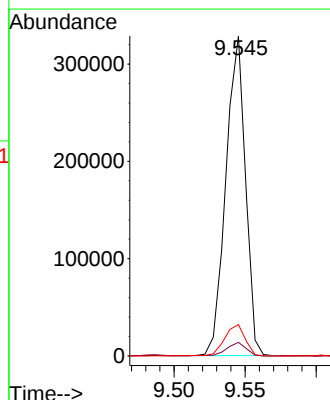
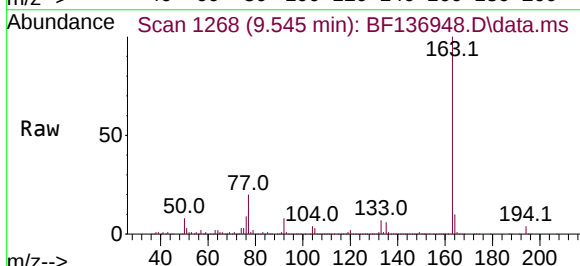
Tgt Ion:163 Resp: 314406

Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 9.8 7.8 11.6

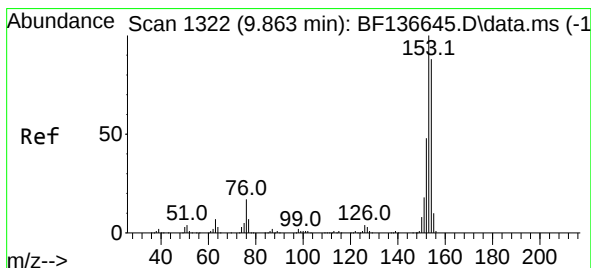
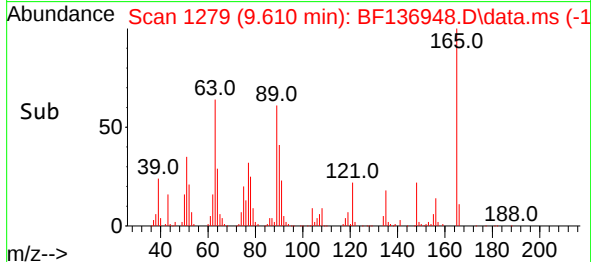
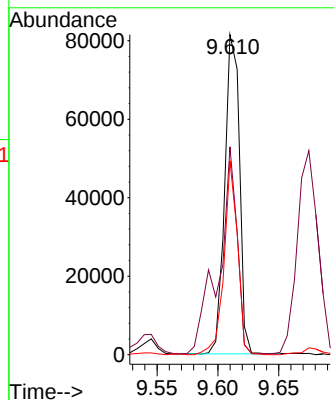
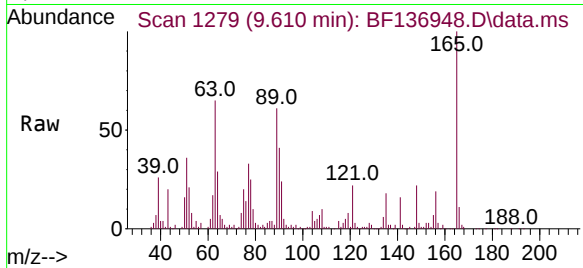




#51
2,6-Dinitrotoluene
Concen: 40.572 ng
RT: 9.610 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

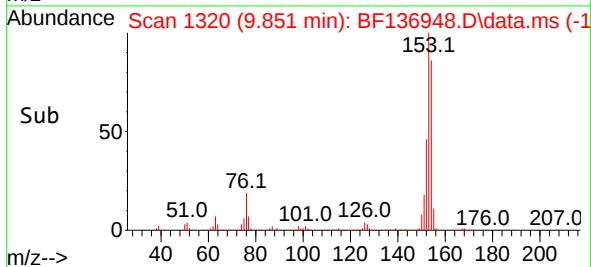
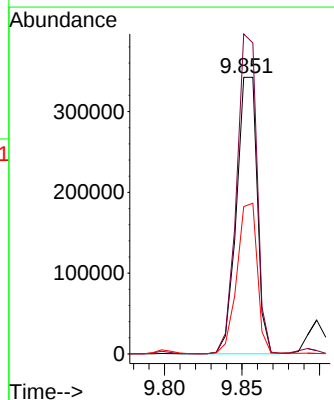
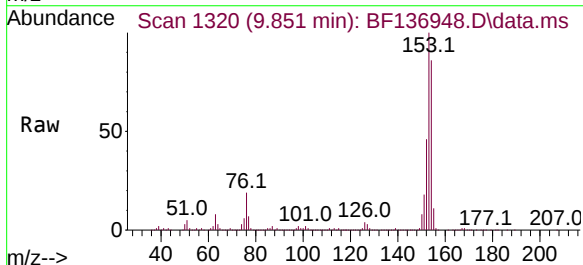
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

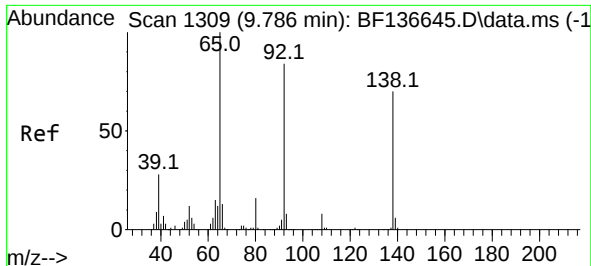
Tgt Ion:165 Resp: 68656
Ion Ratio Lower Upper
165 100
63 65.0 39.8 59.6#
89 60.6 38.8 58.2#



#52
Acenaphthene
Concen: 51.554 ng
RT: 9.851 min Scan# 1320
Delta R.T. -0.012 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:154 Resp: 318095
Ion Ratio Lower Upper
154 100
153 115.7 90.7 136.1
152 53.3 43.7 65.5

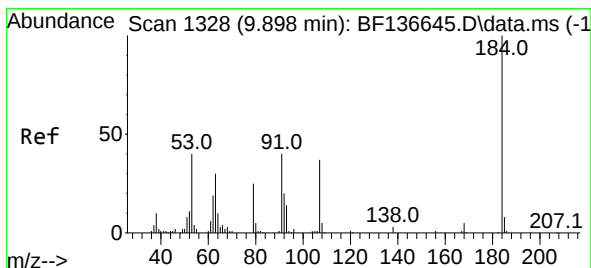
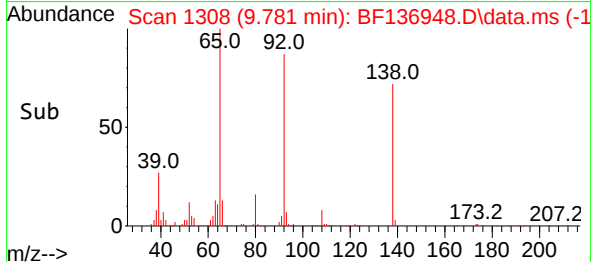
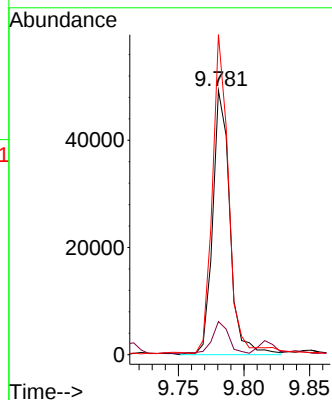
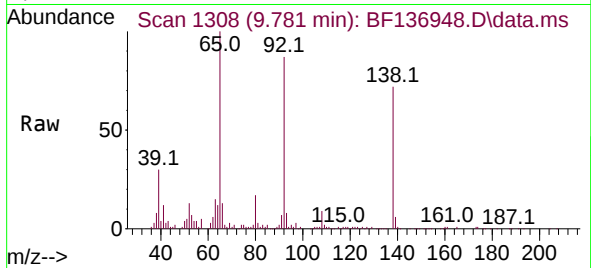




#53
3-Nitroaniline
Concen: 25.107 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

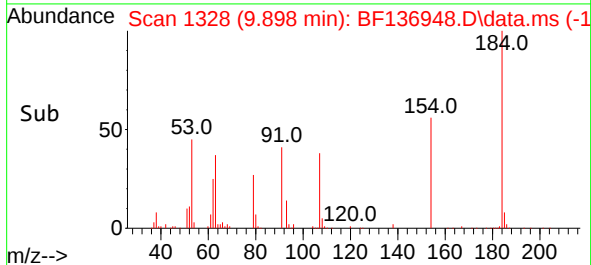
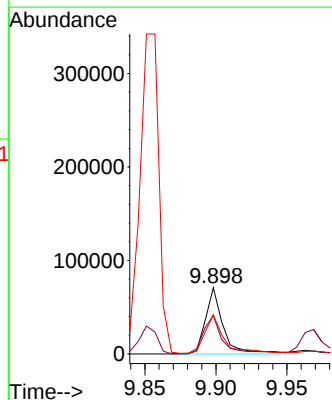
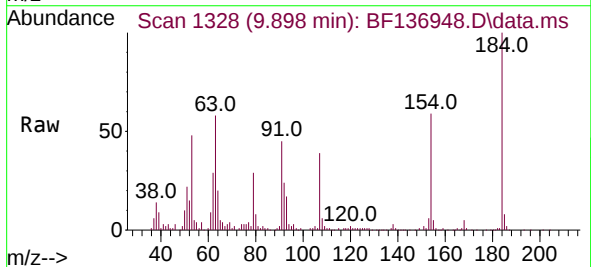
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

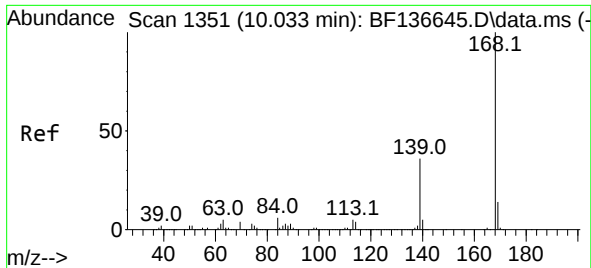
Tgt Ion:138 Resp: 45006
Ion Ratio Lower Upper
138 100
108 12.5 8.6 12.8
92 121.1 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 65.828 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:184 Resp: 61086
Ion Ratio Lower Upper
184 100
63 58.2 40.9 61.3
154 59.2 42.7 64.1

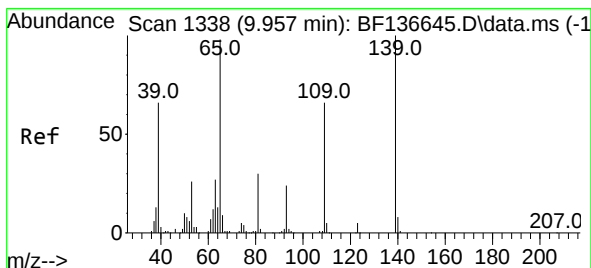
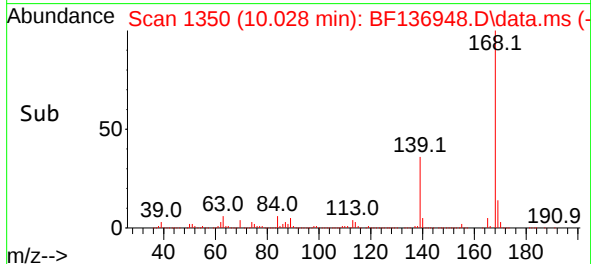
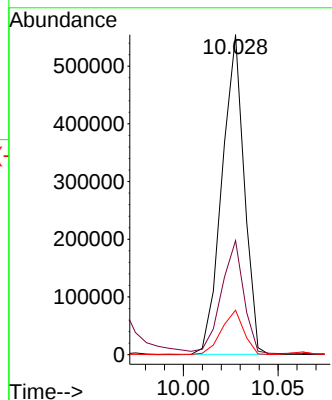
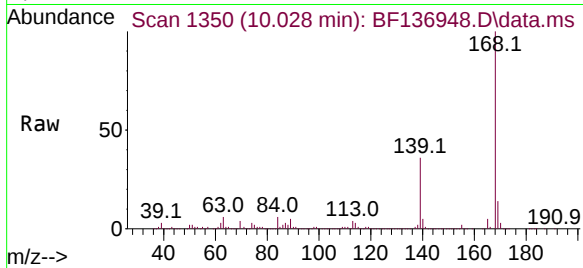




#55
Dibenzenofuran
Concen: 48.336 ng
RT: 10.028 min Scan# 1350
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

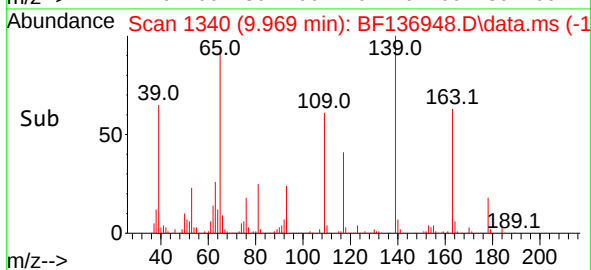
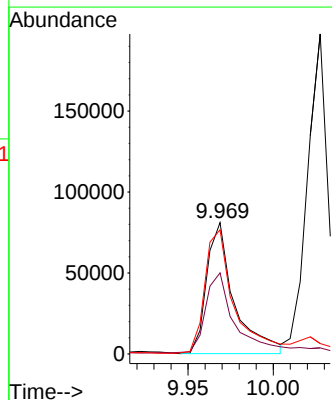
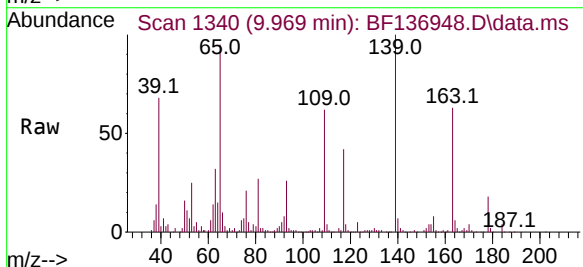
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

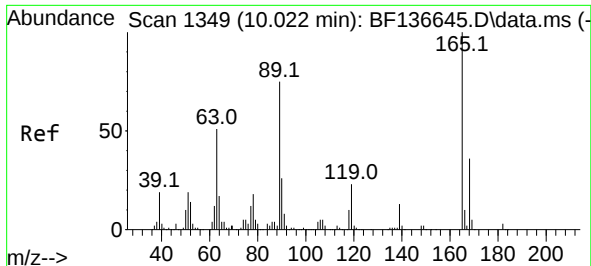
Tgt Ion:168 Resp: 452089
Ion Ratio Lower Upper
168 100
139 35.6 29.3 43.9
169 13.9 11.0 16.4



#56
4-Nitrophenol
Concen: 75.154 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:139 Resp: 90944
Ion Ratio Lower Upper
139 100
109 61.8 45.8 85.8
65 94.5 77.8 117.8

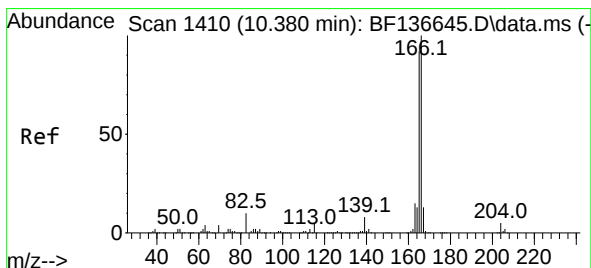
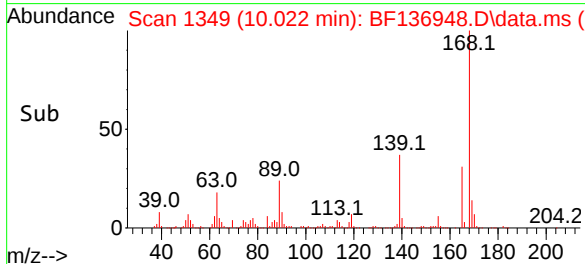
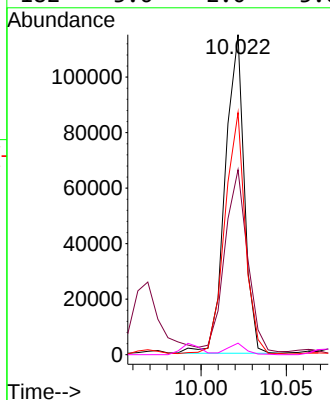
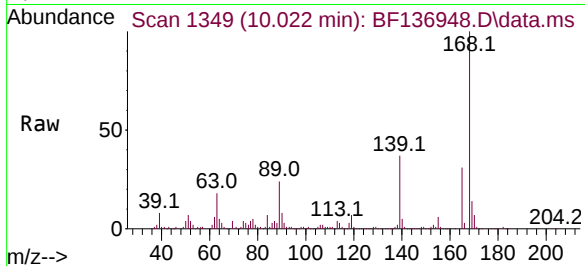




#57
2,4-Dinitrotoluene
Concen: 40.675 ng
RT: 10.022 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

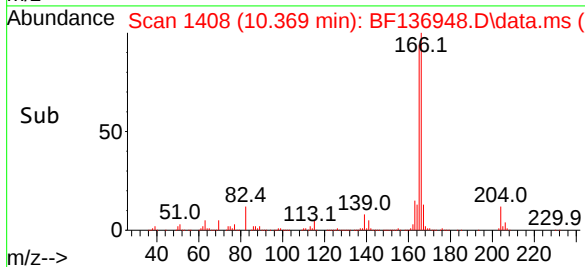
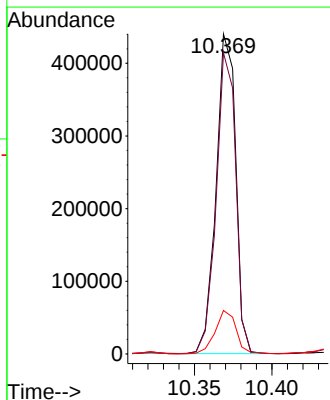
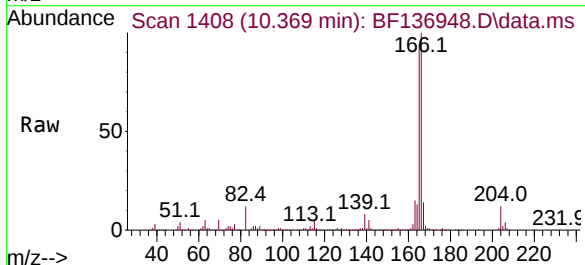
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

Tgt Ion:165 Resp: 89356
Ion Ratio Lower Upper
165 100
63 57.8 41.0 61.6
89 75.6 59.9 89.9
182 3.6 2.0 3.0#



#58
Fluorene
Concen: 52.132 ng
RT: 10.369 min Scan# 1408
Delta R.T. -0.012 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:166 Resp: 386885
Ion Ratio Lower Upper
166 100
165 94.1 73.7 110.5
167 13.6 10.4 15.6

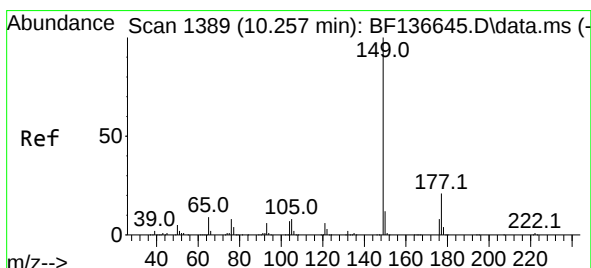
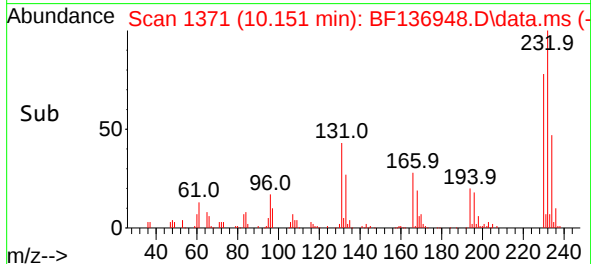
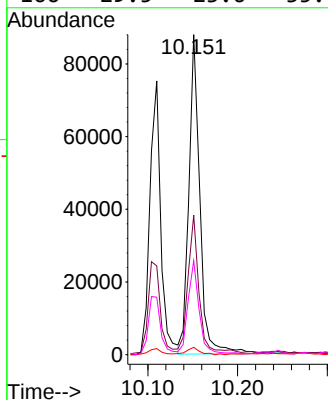
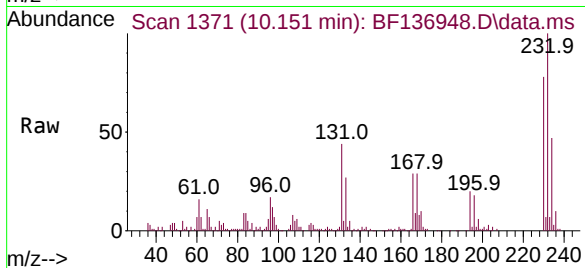




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.989 ng
RT: 10.151 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

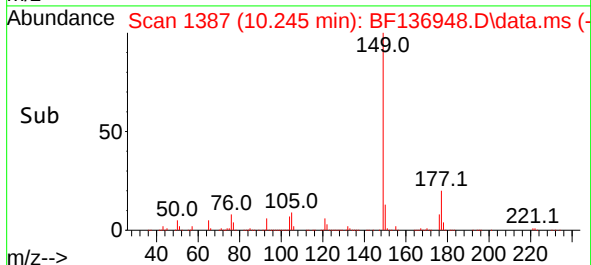
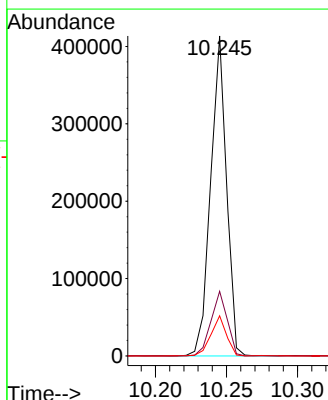
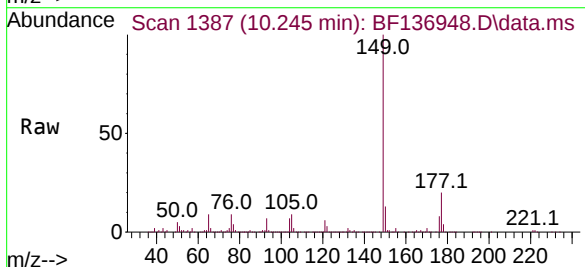
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

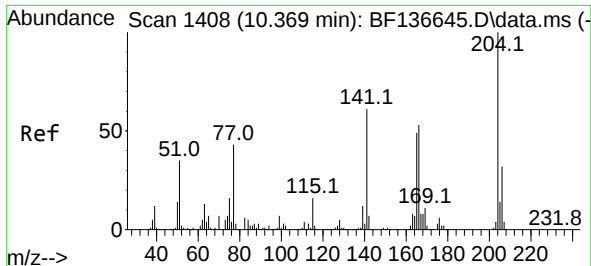
Tgt Ion:232 Resp: 74766
Ion Ratio Lower Upper
232 100
131 43.9 35.1 52.7
130 2.9 1.6 2.4#
166 29.5 23.6 35.4



#60
Diethylphthalate
Concen: 41.707 ng
RT: 10.245 min Scan# 1387
Delta R.T. -0.012 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:149 Resp: 322655
Ion Ratio Lower Upper
149 100
177 20.2 16.9 25.3
150 12.6 9.3 13.9

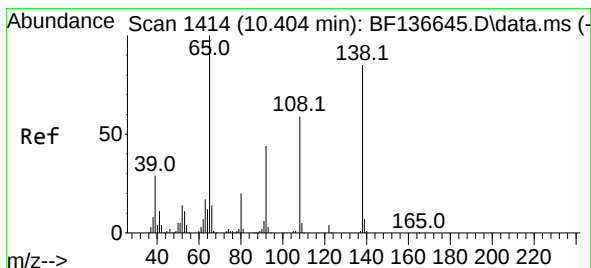
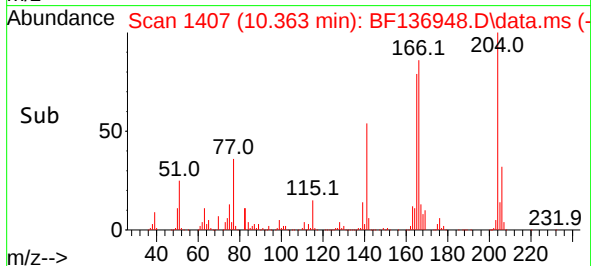
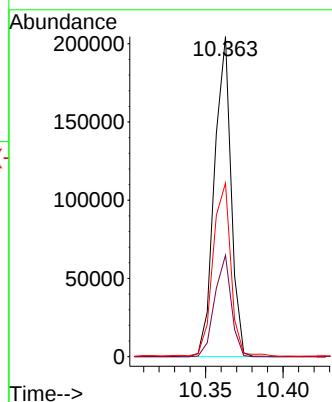
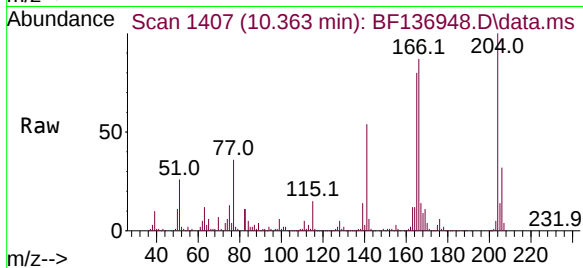




#61
4-Chlorophenyl-phenylether
Concen: 42.330 ng
RT: 10.363 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

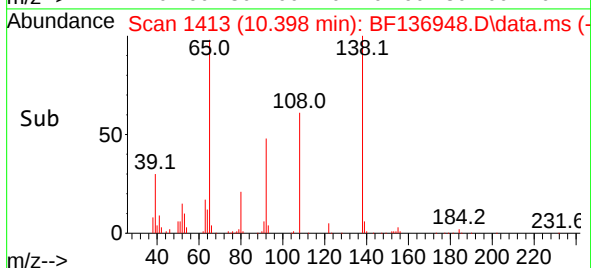
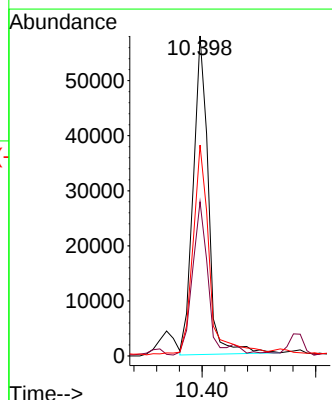
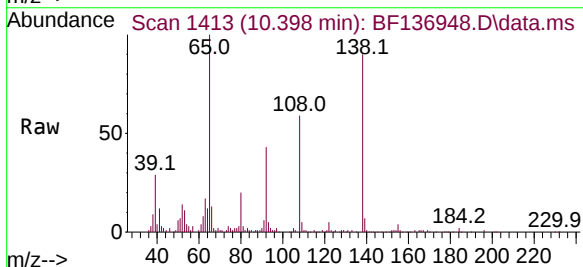
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

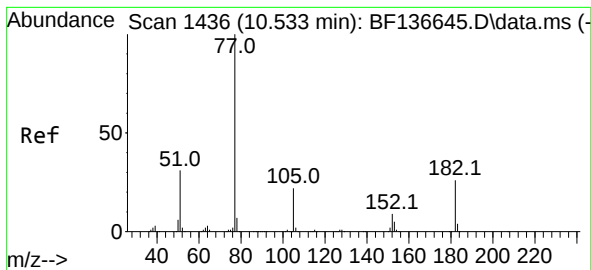
Tgt Ion:204 Resp: 152694
Ion Ratio Lower Upper
204 100
206 31.7 25.6 38.4
141 54.2 48.4 72.6



#62
4-Nitroaniline
Concen: 31.119 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:138 Resp: 53776
Ion Ratio Lower Upper
138 100
92 48.2 32.1 72.1
108 65.9 50.1 90.1

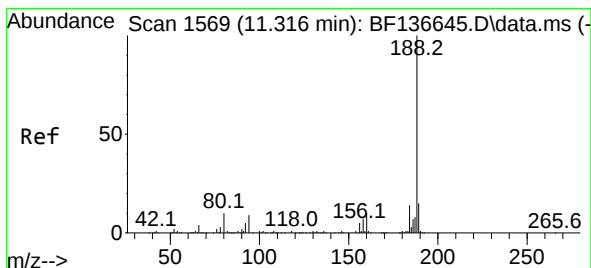
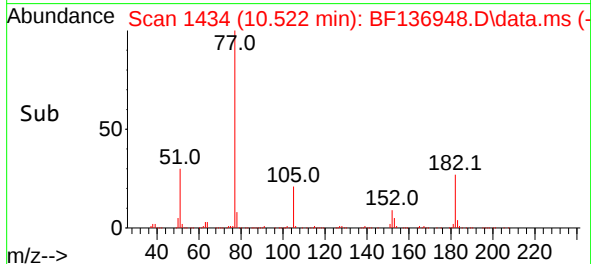
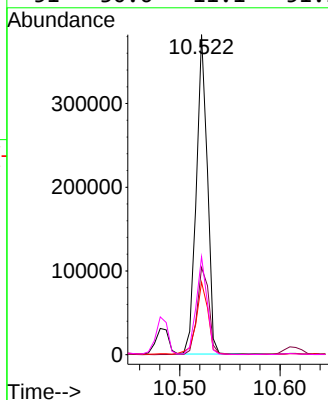
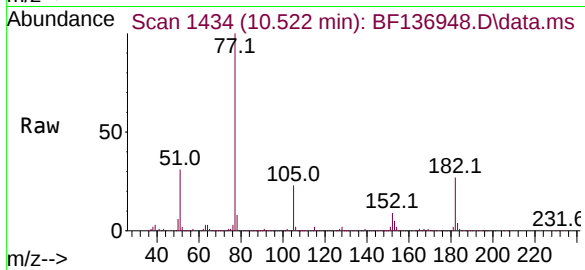




#63
Azobenzene
Concen: 40.333 ng
RT: 10.522 min Scan# 1436
Delta R.T. -0.012 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

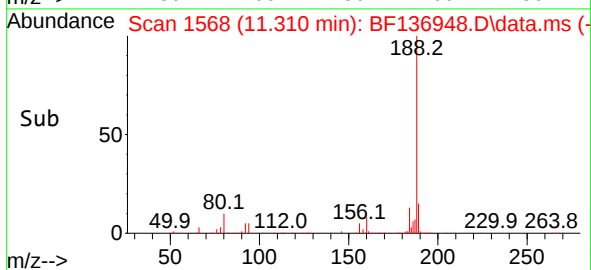
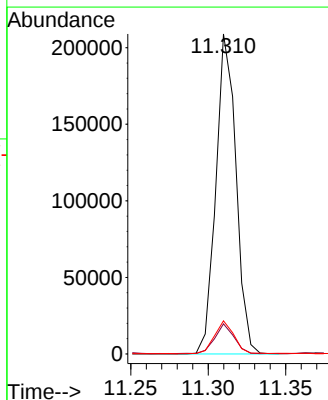
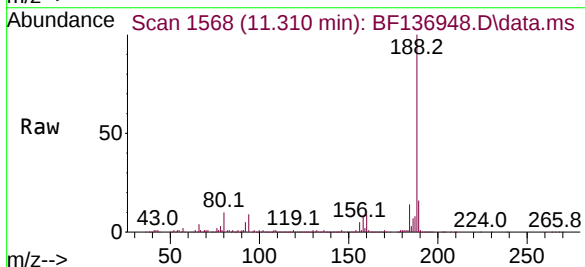
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

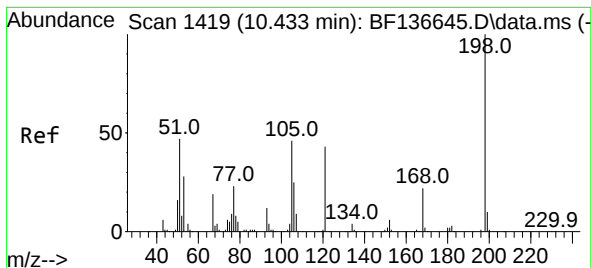
Tgt Ion:	77	Resp:	291438
Ion	Ratio	Lower	Upper
77	100		
182	27.2	6.0	46.0
105	22.6	2.3	42.3
51	30.6	11.1	51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.310 min Scan# 1568
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:	188	Resp:	188528
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.5	11.3
80	10.4	8.1	12.1

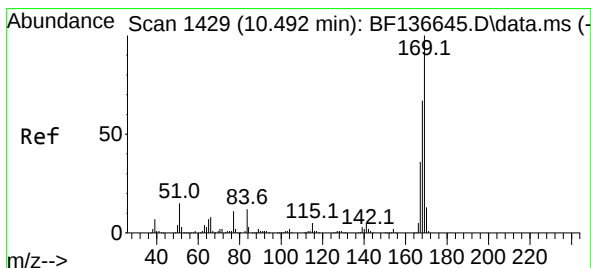
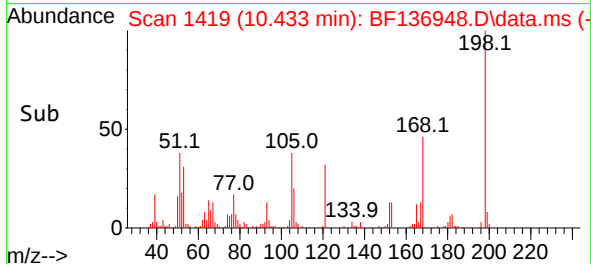
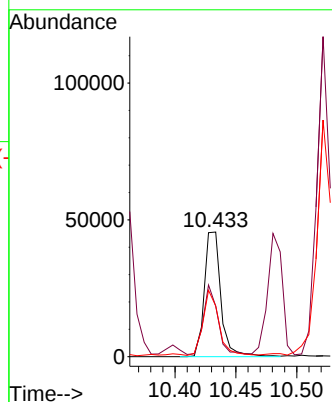
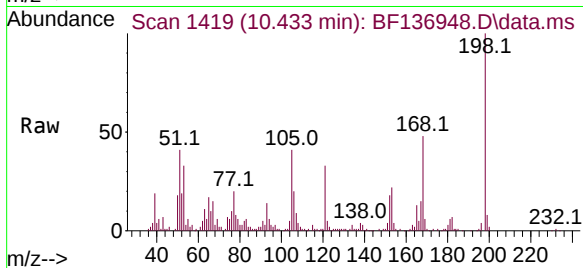




#65
4,6-Dinitro-2-methylphenol
Concen: 40.010 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

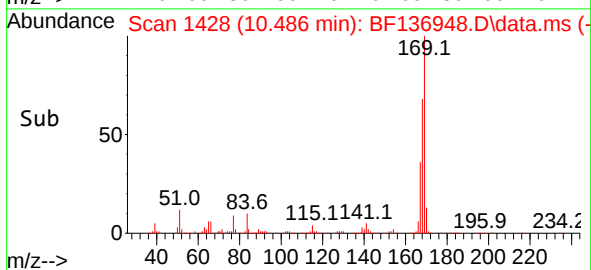
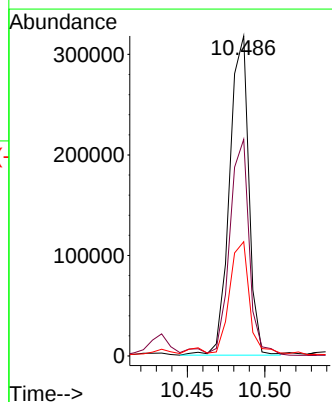
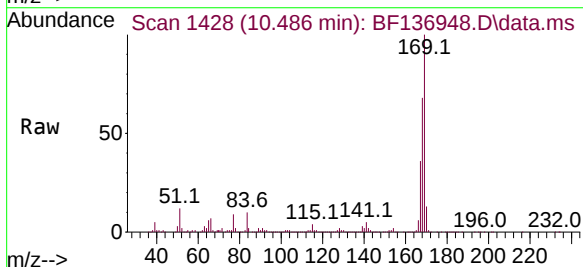
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

Tgt Ion:198 Resp: 43229
Ion Ratio Lower Upper
198 100
51 40.6 34.1 74.1
105 40.7 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 44.713 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:169 Resp: 273832
Ion Ratio Lower Upper
169 100
168 67.7 53.8 80.6
167 35.7 28.7 43.1

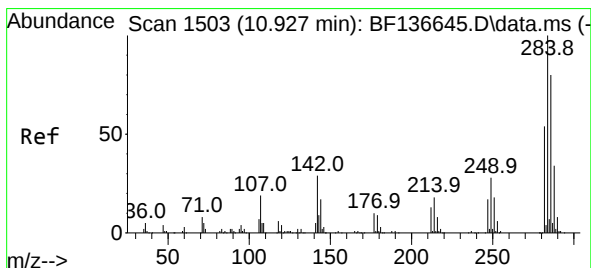
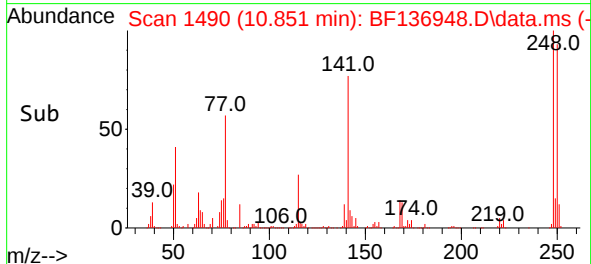
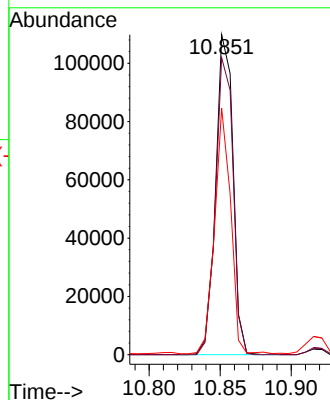
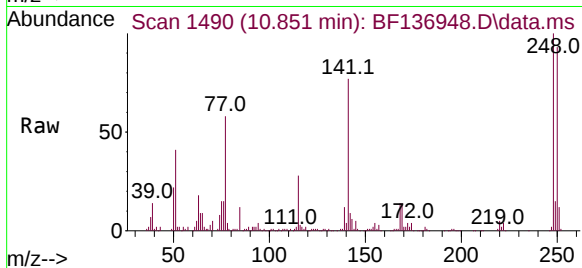




#67
4-Bromophenyl-phenylether
Concen: 44.475 ng
RT: 10.851 min Scan# 1490
Delta R.T. -0.012 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

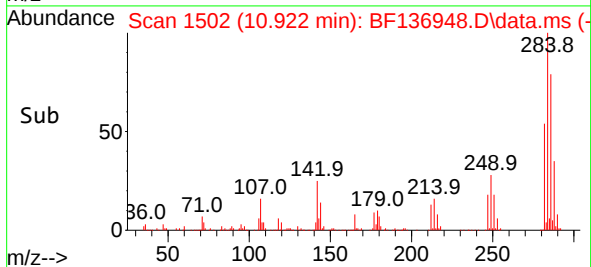
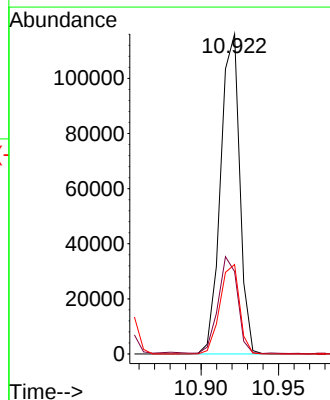
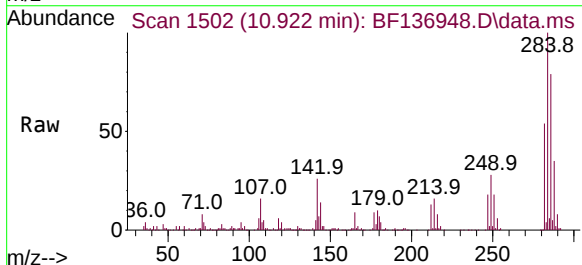
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

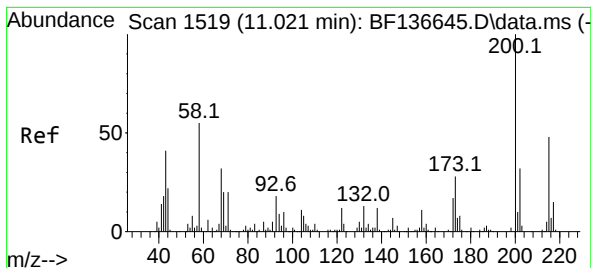
Tgt Ion:248 Resp: 93120
Ion Ratio Lower Upper
248 100
250 92.8 77.8 116.6
141 77.0 59.2 88.8



#68
Hexachlorobenzene
Concen: 42.726 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:284 Resp: 99692
Ion Ratio Lower Upper
284 100
142 25.7 23.4 35.0
249 27.9 22.3 33.5





#69

Atrazine

Concen: 56.074 ng

RT: 11.016 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

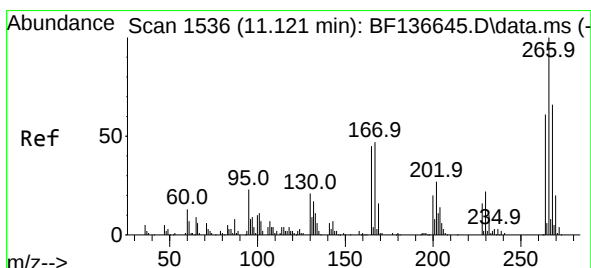
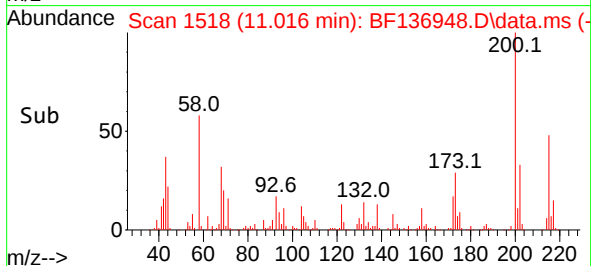
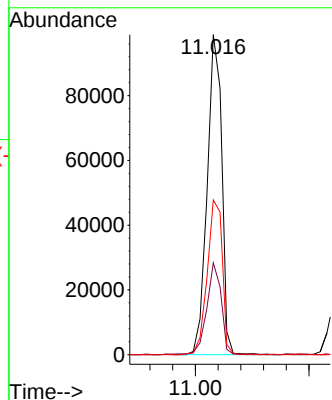
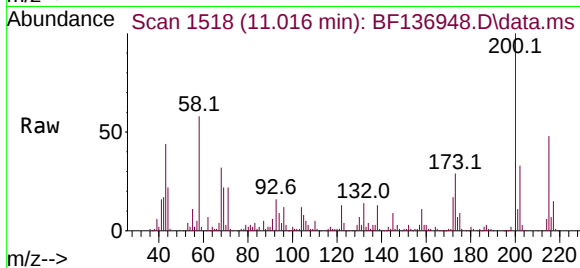
Tgt Ion:200 Resp: 87835

Ion Ratio Lower Upper

200 100

173 28.7 7.6 47.6

215 48.4 28.3 68.3



#70

Pentachlorophenol

Concen: 74.930 ng

RT: 11.122 min Scan# 1536

Delta R.T. 0.000 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

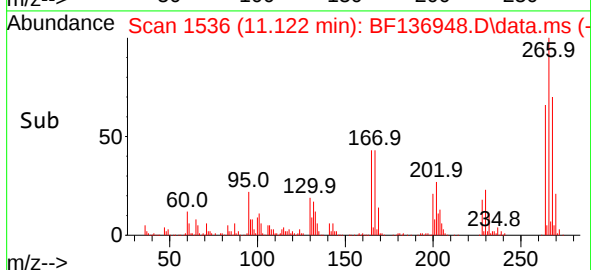
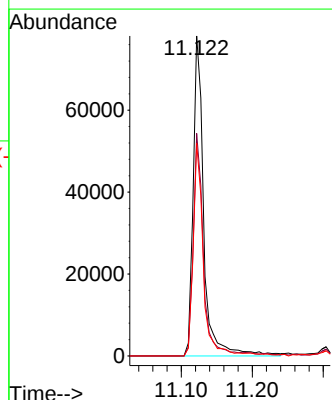
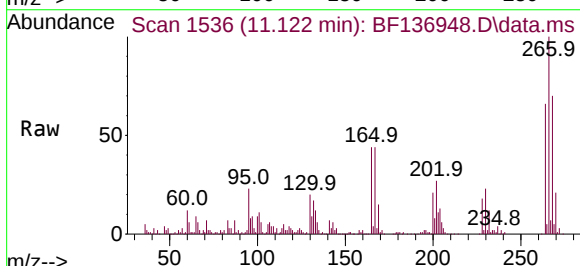
Tgt Ion:266 Resp: 81492

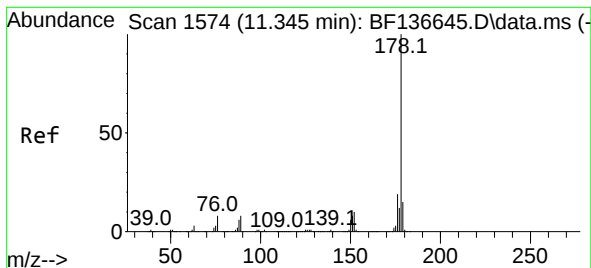
Ion Ratio Lower Upper

266 100

268 69.6 52.6 78.8

264 66.5 49.0 73.4





#71

Phenanthrene

Concen: 87.326 ng

RT: 11.339 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

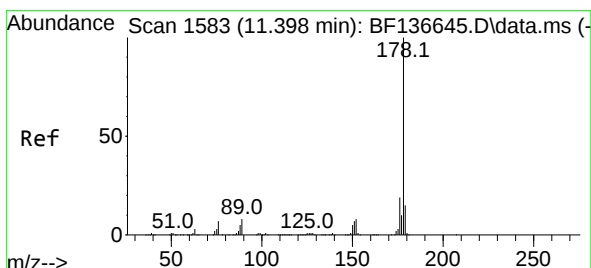
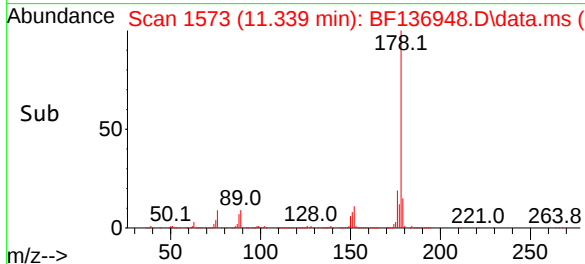
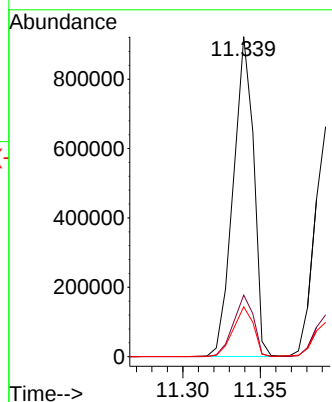
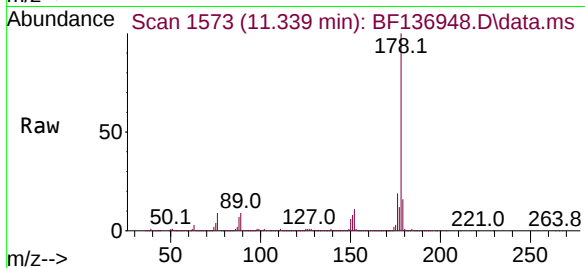
Tgt Ion:178 Resp: 844745

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.6 11.9 17.9



#72

Anthracene

Concen: 54.732 ng

RT: 11.392 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

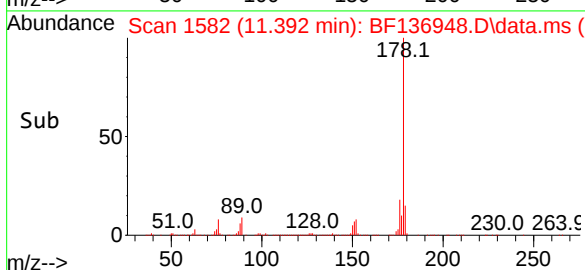
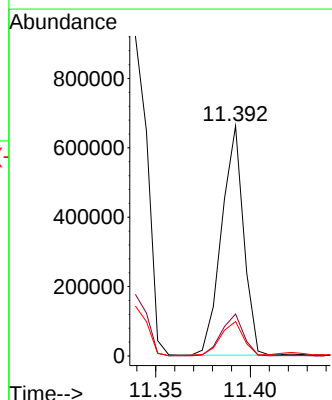
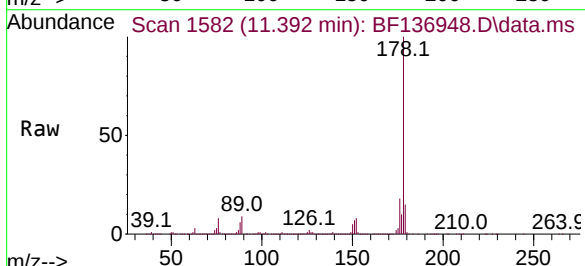
Tgt Ion:178 Resp: 536191

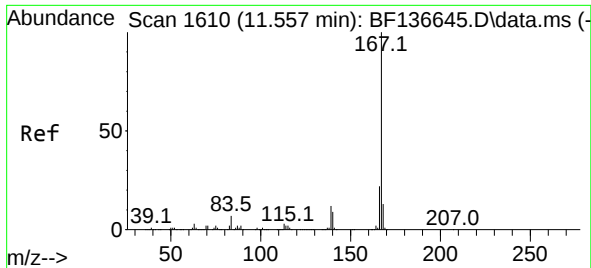
Ion Ratio Lower Upper

178 100

176 18.2 14.9 22.3

179 15.0 11.8 17.6

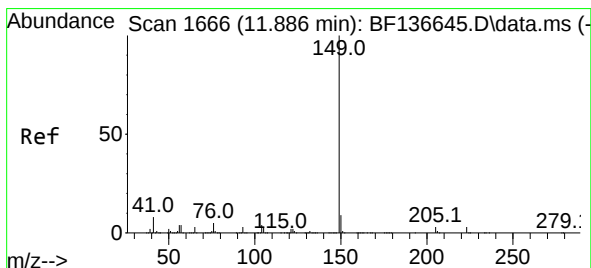
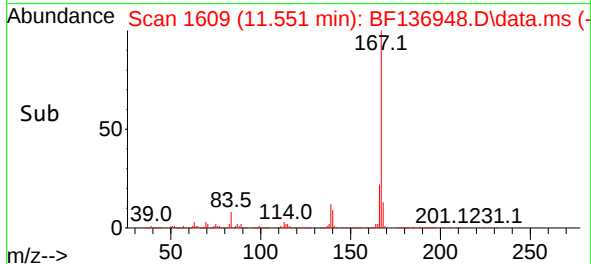
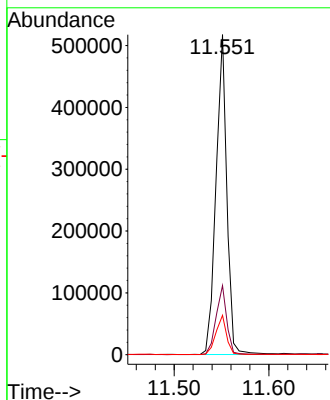
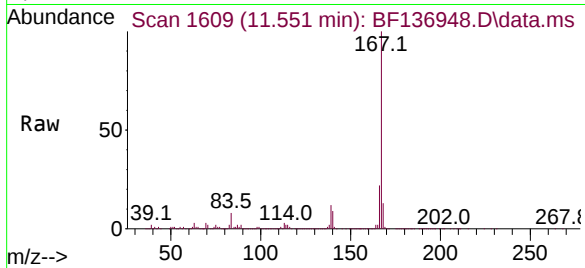




#73
Carbazole
Concen: 44.361 ng
RT: 11.551 min Scan# 1609
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

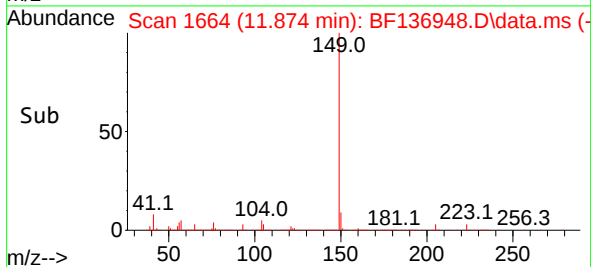
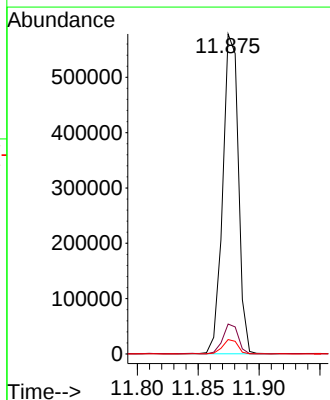
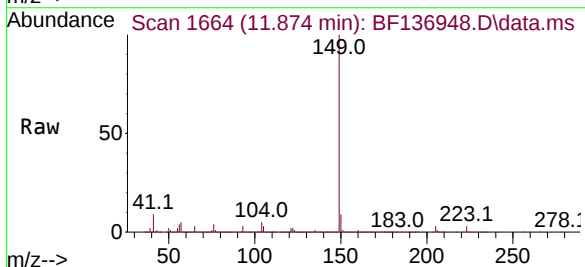
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

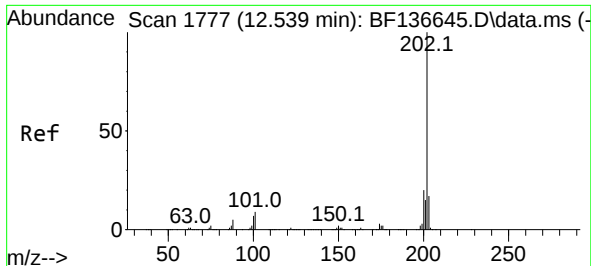
Tgt Ion:167 Resp: 409741
Ion Ratio Lower Upper
167 100
166 21.6 17.3 25.9
139 12.3 9.8 14.6



#74
Di-n-butylphthalate
Concen: 45.841 ng
RT: 11.874 min Scan# 1664
Delta R.T. -0.012 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:149 Resp: 516657
Ion Ratio Lower Upper
149 100
150 9.4 7.4 11.2
104 4.5 3.6 5.4

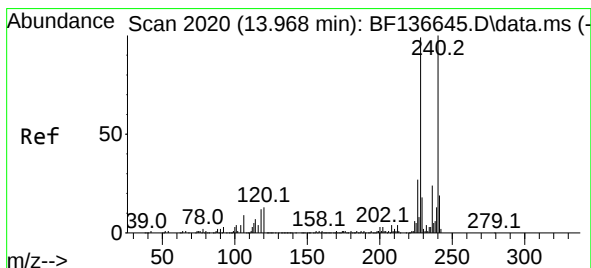
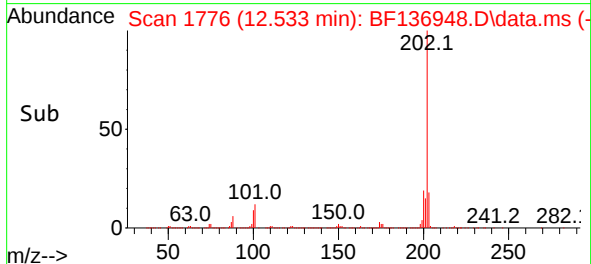
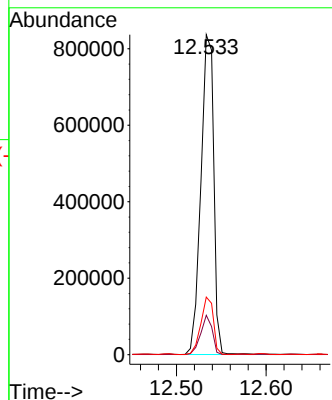
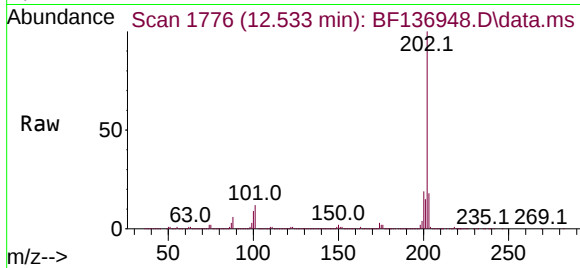




#75
Fluoranthene
Concen: 80.450 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

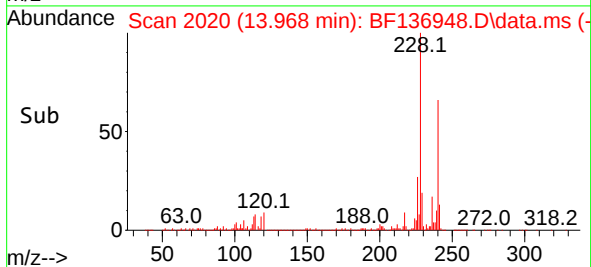
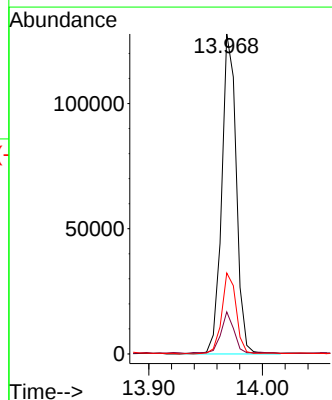
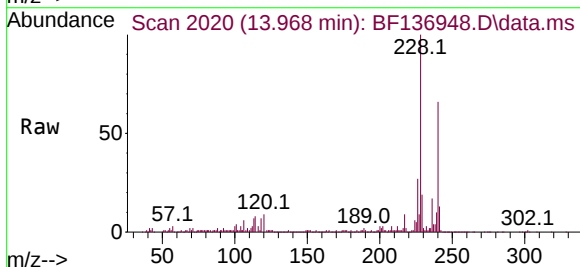
Instrument :
BNA_F
ClientSampleId :
SB32-2-20231222-7.5-8.5MSD

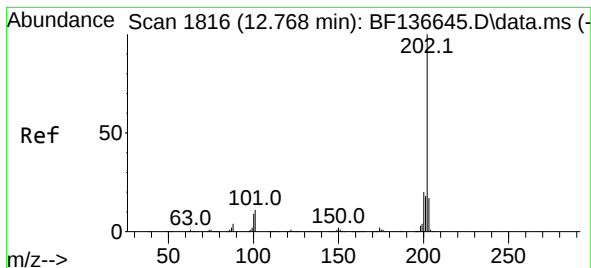
Tgt Ion:202 Resp: 832437
Ion Ratio Lower Upper
202 100
101 12.3 0.0 29.3
203 18.0 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.968 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF136948.D
Acq: 04 Jan 2024 19:13

Tgt Ion:240 Resp: 114413
Ion Ratio Lower Upper
240 100
120 13.2 10.3 15.5
236 25.3 19.4 29.2





#78

Pyrene

Concen: 67.852 ng

RT: 12.763 min Scan# 1816

Delta R.T. -0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

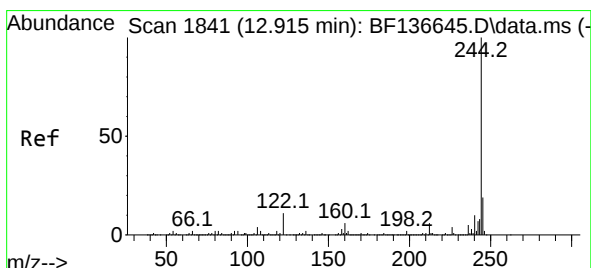
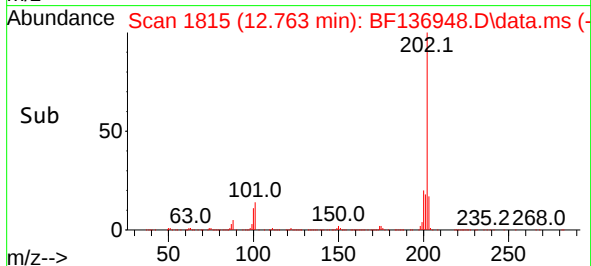
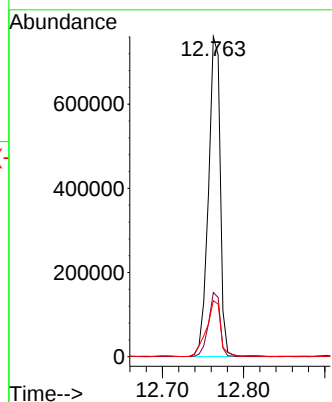
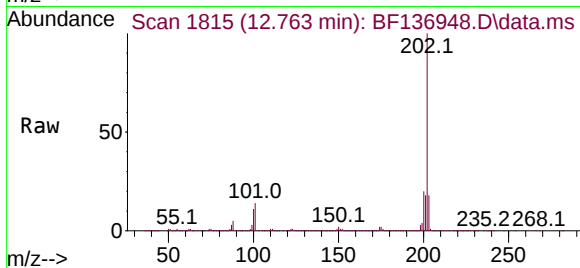
Tgt Ion:202 Resp: 762087

Ion Ratio Lower Upper

202 100

200 20.1 15.9 23.9

203 17.5 13.8 20.6



#79

Terphenyl-d14

Concen: 58.741 ng

RT: 12.904 min Scan# 1839

Delta R.T. -0.012 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

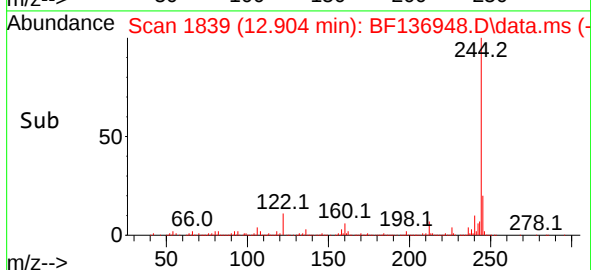
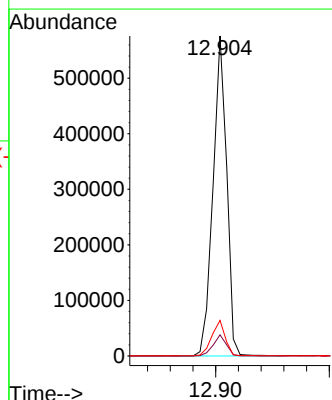
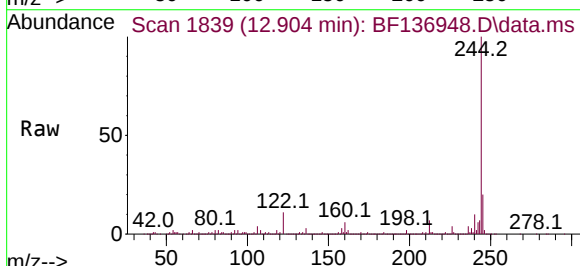
Tgt Ion:244 Resp: 480921

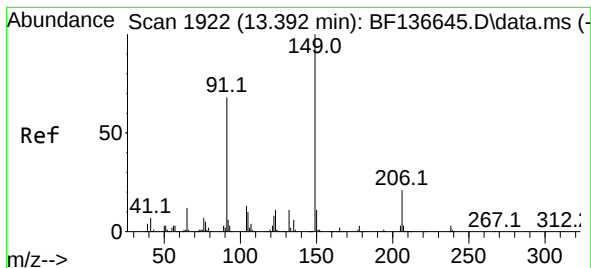
Ion Ratio Lower Upper

244 100

212 6.6 5.0 7.4

122 11.1 9.0 13.4





#80

Butylbenzylphthalate

Concen: 46.596 ng

RT: 13.386 min Scan# 1922

Delta R.T. -0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

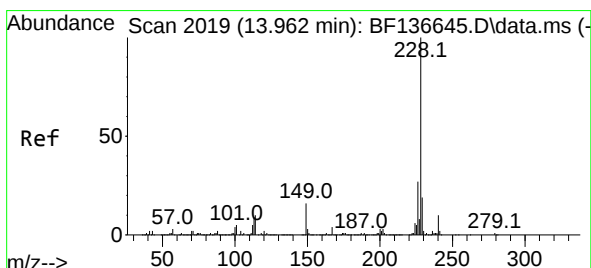
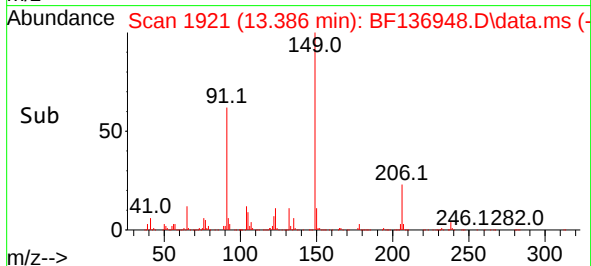
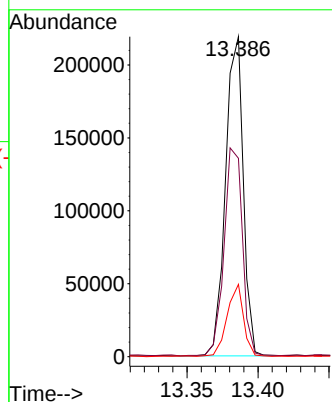
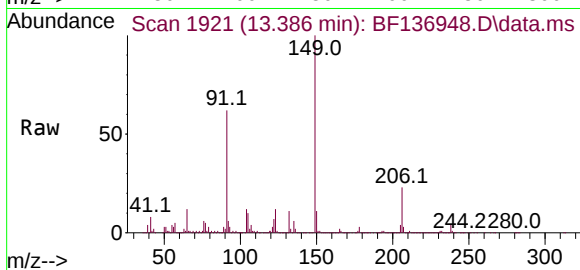
Tgt Ion:149 Resp: 190432

Ion Ratio Lower Upper

149 100

91 62.0 54.1 81.1

206 22.6 17.1 25.7



#81

Benzo(a)anthracene

Concen: 63.209 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.000 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

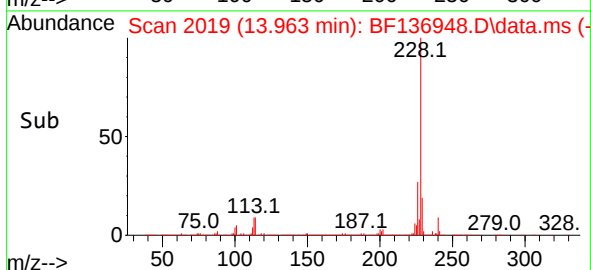
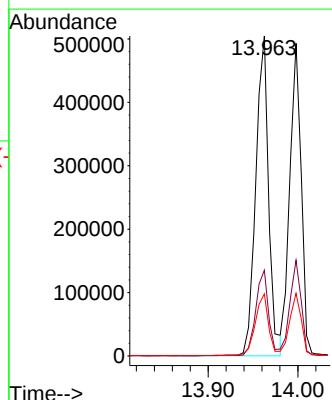
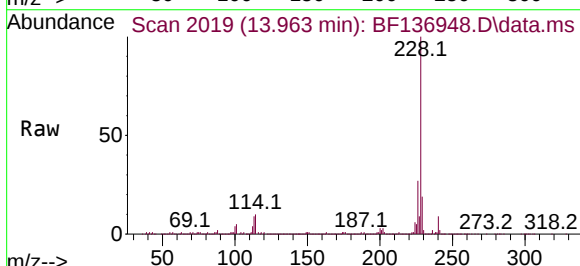
Tgt Ion:228 Resp: 502177

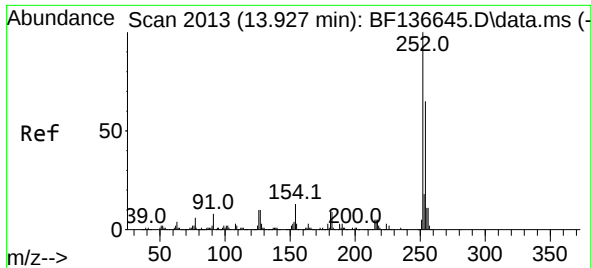
Ion Ratio Lower Upper

228 100

226 26.8 21.4 32.0

229 19.4 14.9 22.3

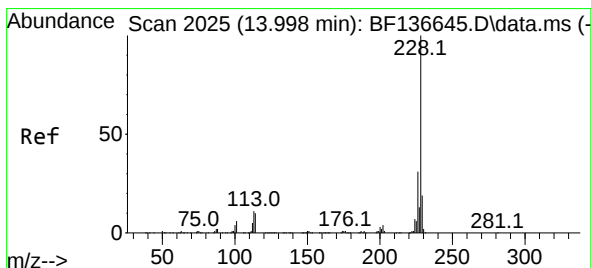
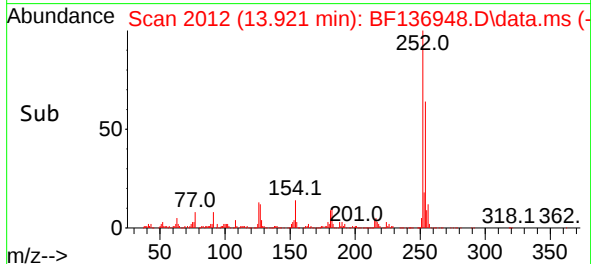
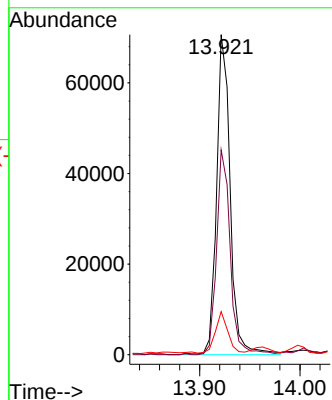
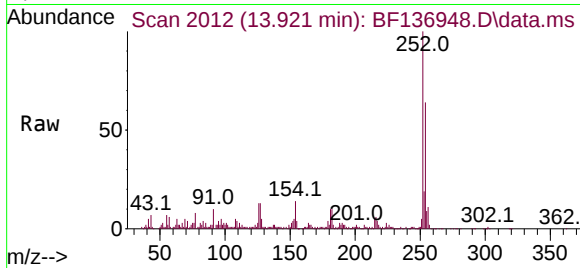




#82
 3,3'-Dichlorobenzidine
 Concen: 29.439 ng
 RT: 13.921 min Scan# 2013
 Delta R.T. -0.006 min
 Lab File: BF136948.D
 Acq: 04 Jan 2024 19:13

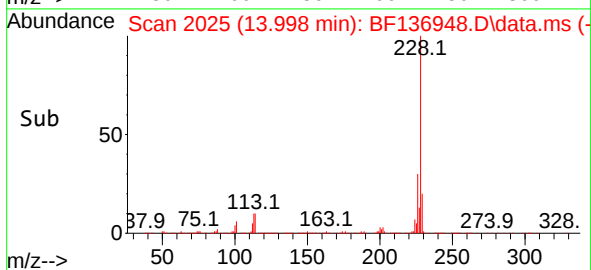
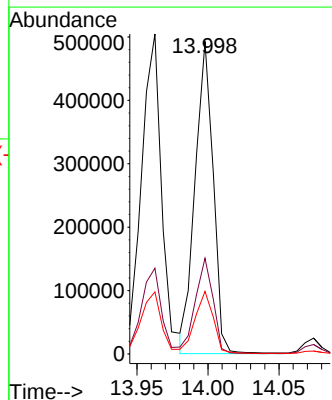
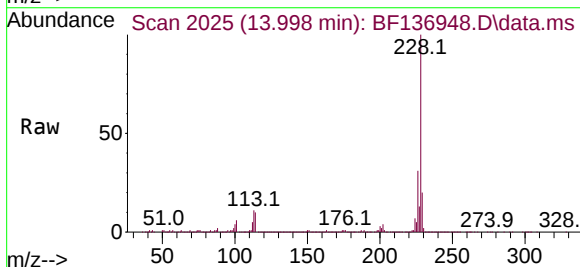
Instrument :
 BNA_F
 ClientSampleId :
 SB32-2-20231222-7.5-8.5MSD

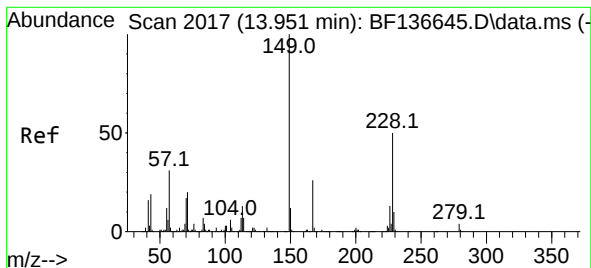
Tgt Ion:252 Resp: 66421
 Ion Ratio Lower Upper
 252 100
 254 64.0 52.2 78.4
 126 13.4 8.0 12.0#



#83
 Chrysene
 Concen: 56.288 ng
 RT: 13.998 min Scan# 2025
 Delta R.T. 0.000 min
 Lab File: BF136948.D
 Acq: 04 Jan 2024 19:13

Tgt Ion:228 Resp: 437309
 Ion Ratio Lower Upper
 228 100
 226 30.6 24.7 37.1
 229 20.0 15.4 23.0





#84

Bis(2-ethylhexyl)phthalate

Concen: 53.429 ng

RT: 13.945 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

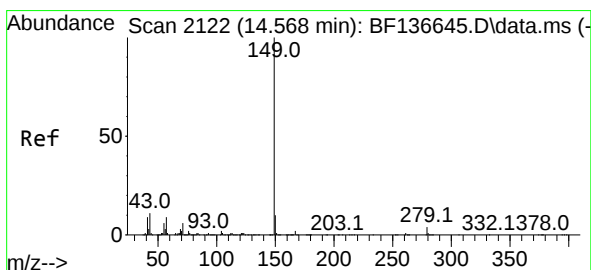
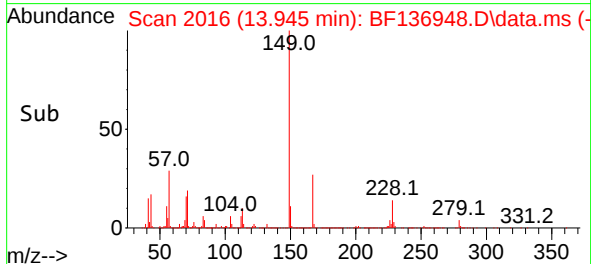
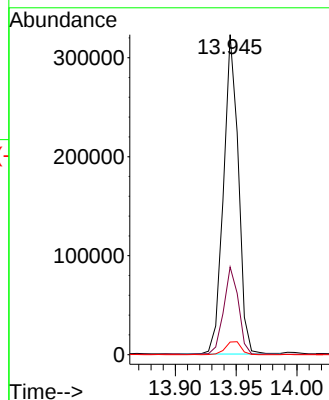
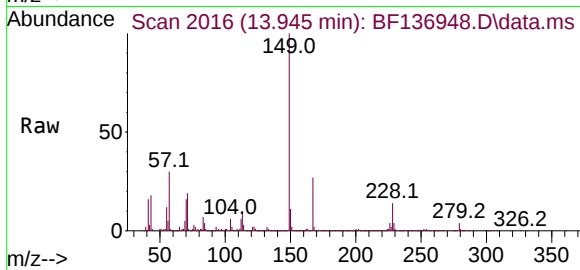
Tgt Ion:149 Resp: 274731

Ion Ratio Lower Upper

149 100

167 27.4 20.9 31.3

279 4.0 2.9 4.3



#85

Di-n-octyl phthalate

Concen: 55.718 ng

RT: 14.563 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

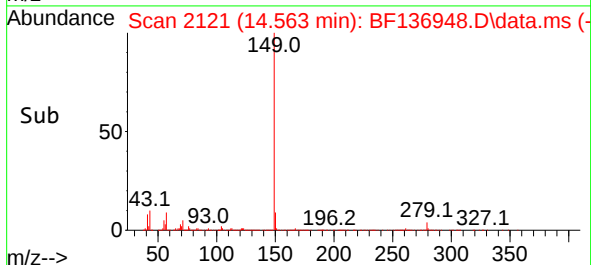
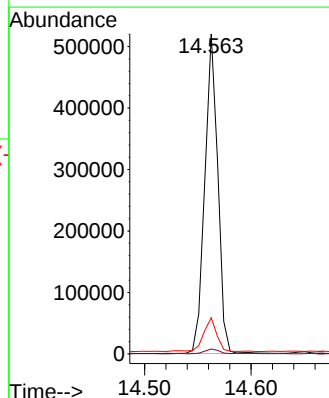
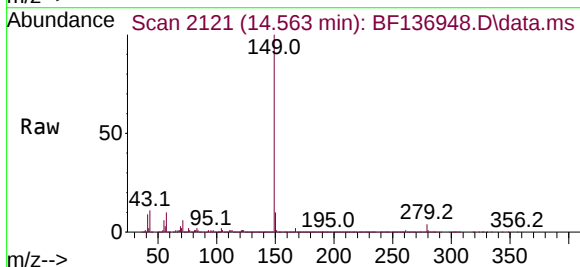
Tgt Ion:149 Resp: 443179

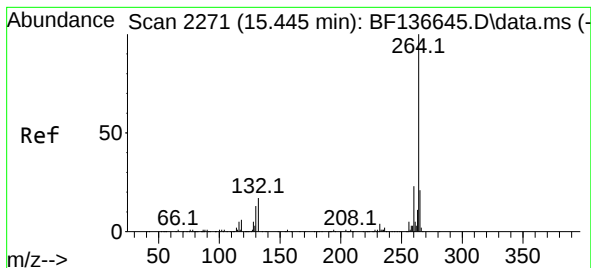
Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 10.7 8.9 13.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.457 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

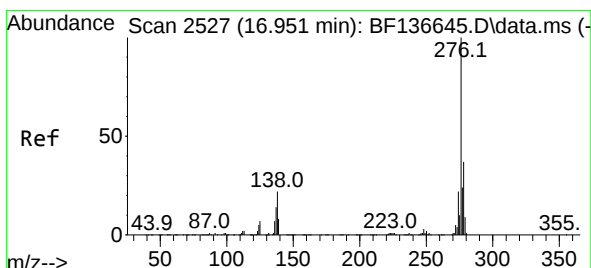
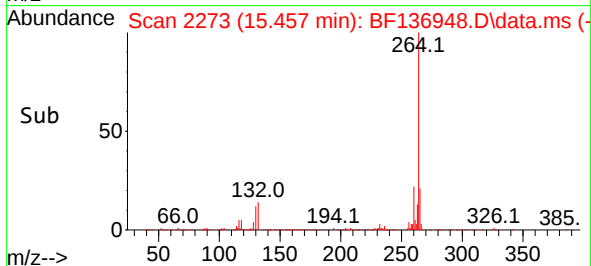
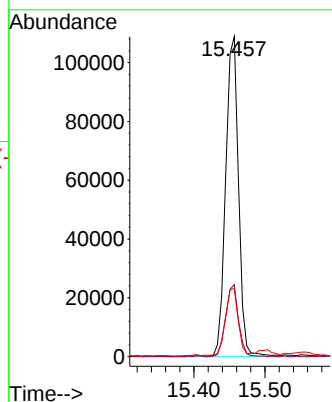
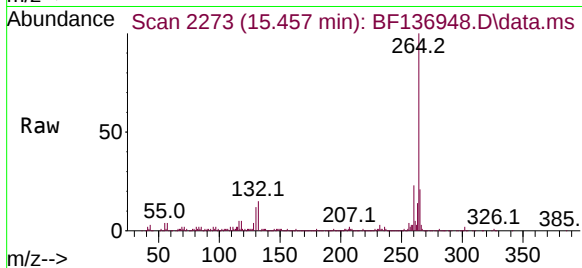
Tgt Ion:264 Resp: 136752

Ion Ratio Lower Upper

264 100

260 22.5 18.3 27.5

265 21.3 17.0 25.6



#87

Indeno(1,2,3-cd)pyrene

Concen: 49.574 ng

RT: 16.974 min Scan# 2531

Delta R.T. 0.024 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

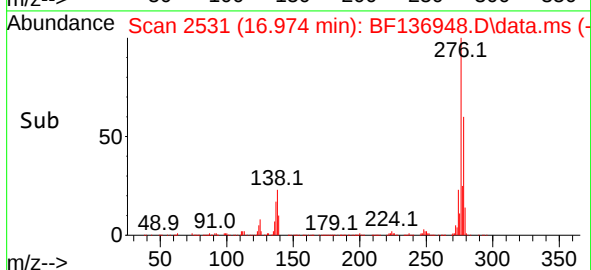
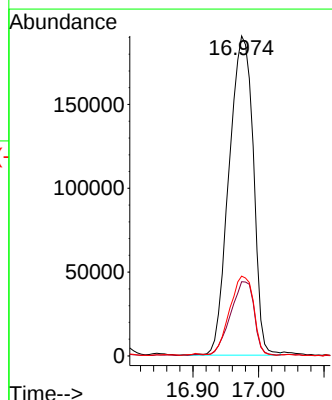
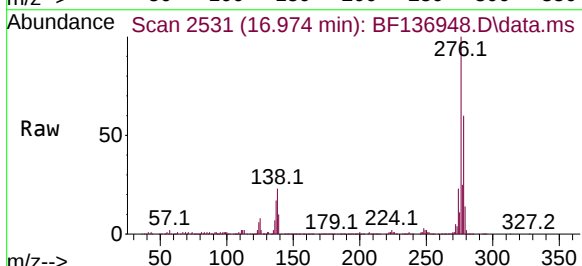
Tgt Ion:276 Resp: 489482

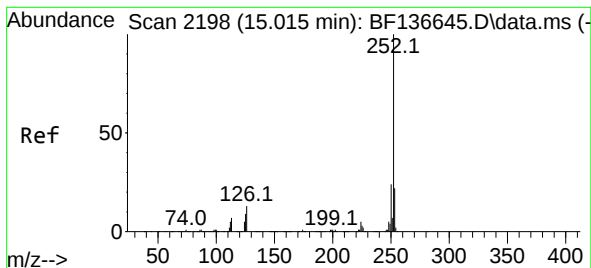
Ion Ratio Lower Upper

276 100

138 22.6 18.7 28.1

277 24.6 20.2 30.2





#88

Benzo(b)fluoranthene

Concen: 52.212 ng

RT: 15.021 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136948.D

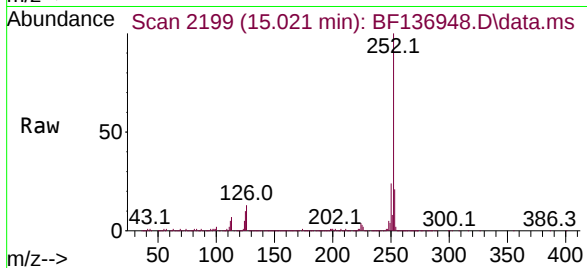
Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD



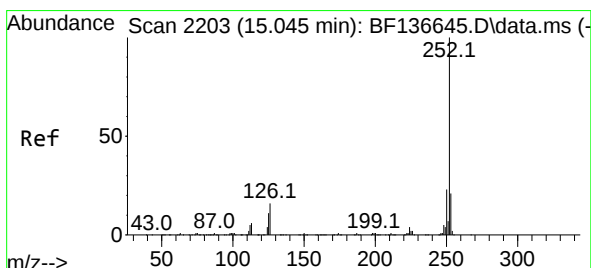
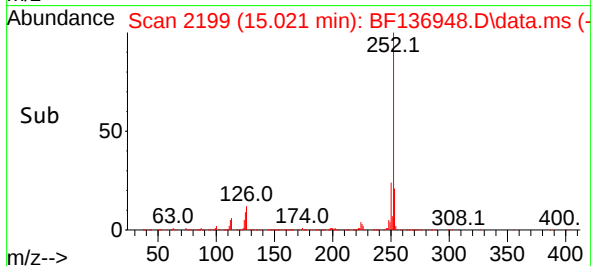
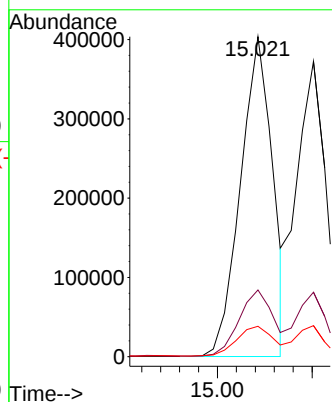
Tgt Ion:252 Resp: 476891

Ion Ratio Lower Upper

252 100

253 20.8 17.4 26.0

125 9.5 7.4 11.2



#89

Benzo(k)fluoranthene

Concen: 45.778 ng

RT: 15.051 min Scan# 2204

Delta R.T. 0.006 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

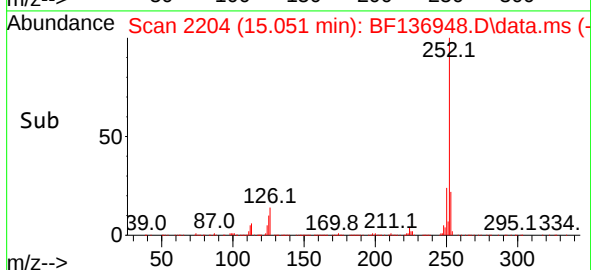
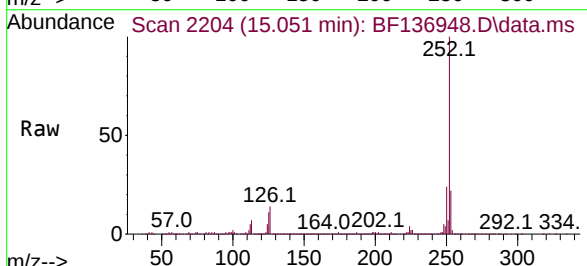
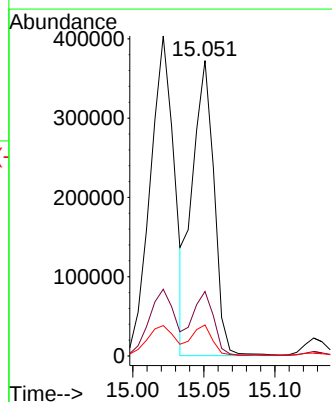
Tgt Ion:252 Resp: 395089

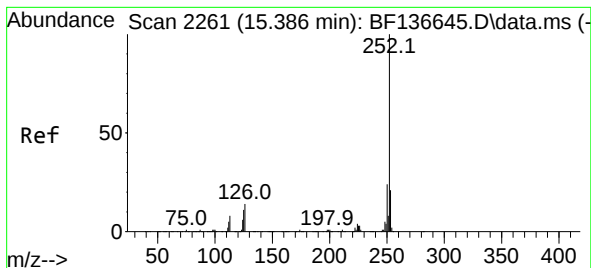
Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.6

125 10.5 8.2 12.4





#90

Benzo(a)pyrene

Concen: 55.051 ng

RT: 15.398 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD

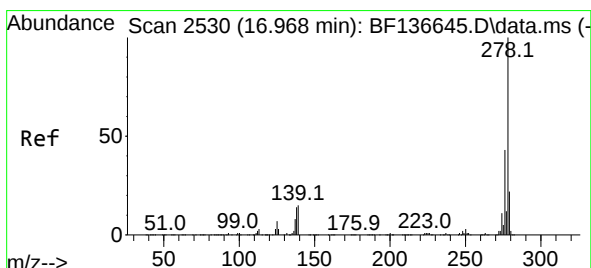
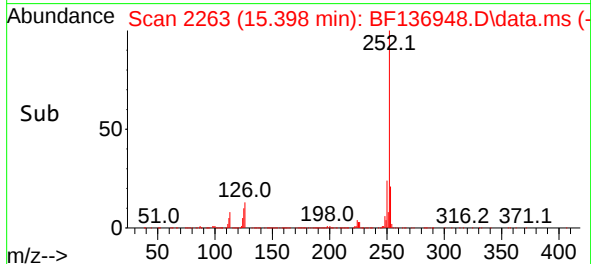
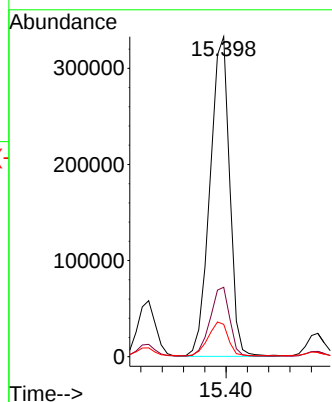
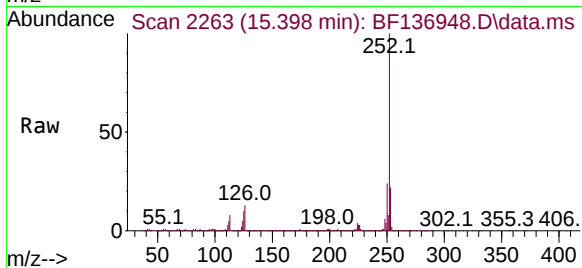
Tgt Ion:252 Resp: 424437

Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 10.1 8.8 13.2



#91

Dibenzo(a,h)anthracene

Concen: 44.387 ng

RT: 16.992 min Scan# 2534

Delta R.T. 0.024 min

Lab File: BF136948.D

Acq: 04 Jan 2024 19:13

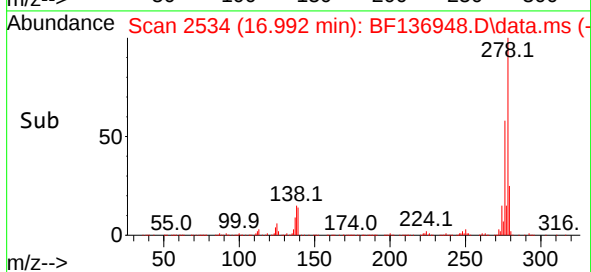
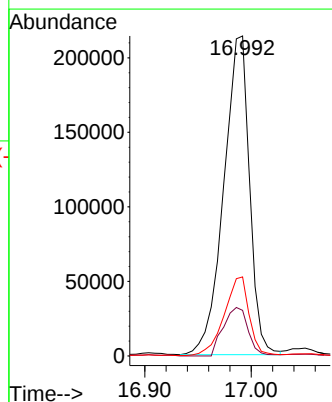
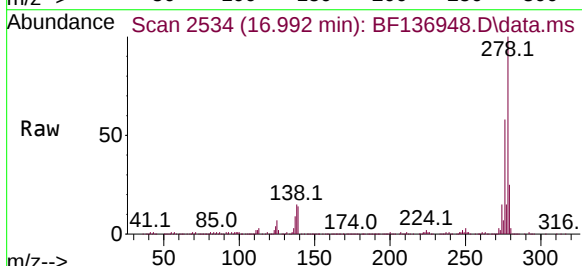
Tgt Ion:278 Resp: 359548

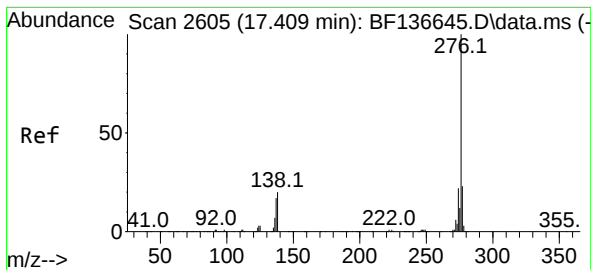
Ion Ratio Lower Upper

278 100

139 14.3 12.2 18.4

279 24.7 17.8 26.6





#92

Benzo(g,h,i)perylene

Concen: 46.695 ng

RT: 17.433 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF136948.D

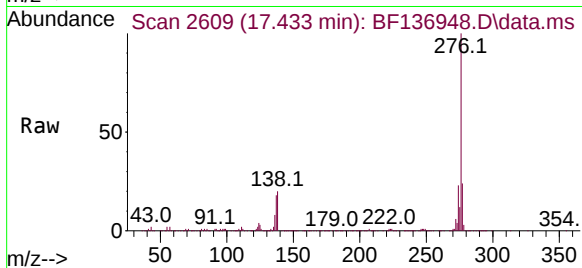
Acq: 04 Jan 2024 19:13

Instrument :

BNA_F

ClientSampleId :

SB32-2-20231222-7.5-8.5MSD



Tgt Ion:276 Resp: 387407

Ion Ratio Lower Upper

276 100

277 23.7 18.3 27.5

138 20.1 15.6 23.4

