

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010824\
 Data File : BF136992.D
 Acq On : 08 Jan 2024 12:11
 Operator : CG\JU
 Sample : PB158264BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB158264BSD

Quant Time: Jan 08 12:37:53 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	92068	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	379868	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	192244	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	357720	20.000	ng	0.00
76) Chrysene-d12	13.974	240	180857	20.000	ng	0.00
86) Perylene-d12	15.457	264	141384	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	713388	120.899	ng	0.02
7) Phenol-d6	6.451	99	872193	114.073	ng	0.01
23) Nitrobenzene-d5	7.357	82	541214	72.906	ng	0.00
42) 2,4,6-Tribromophenol	10.628	330	246153	108.720	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1035944	72.477	ng	0.00
79) Terphenyl-d14	12.916	244	1056810	81.659	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	69636	28.324	ng	97
3) Pyridine	3.410	79	164796	27.472	ng	97
4) n-Nitrosodimethylamine	3.375	42	118052	36.852	ng	98
6) Aniline	6.457	93	177724	23.249	ng	# 14
8) 2-Chlorophenol	6.581	128	278970	43.202	ng	96
9) Benzaldehyde	6.340	77	47700	10.968	ng	93
10) Phenol	6.463	94	326925	40.054	ng	88
11) bis(2-Chloroethyl)ether	6.528	93	258586	41.659	ng	98
12) 1,3-Dichlorobenzene	6.728	146	270391	38.384	ng	98
13) 1,4-Dichlorobenzene	6.804	146	275288	38.247	ng	98
14) 1,2-Dichlorobenzene	6.951	146	260759	38.933	ng	99
15) Benzyl Alcohol	6.940	79	219689	42.590	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.063	45	400837	39.498	ng	62
17) 2-Methylphenol	7.057	107	213995	40.003	ng	# 93
18) Hexachloroethane	7.292	117	98990	37.869	ng	92
19) n-Nitroso-di-n-propyla...	7.210	70	188395	40.647	ng	94
20) 3+4-Methylphenols	7.210	107	272629	40.793	ng	# 62
22) Acetophenone	7.198	105	379414	39.849	ng	# 88
24) Nitrobenzene	7.375	77	275949	37.108	ng	96
25) Isophorone	7.610	82	514972	38.124	ng	100
26) 2-Nitrophenol	7.687	139	148113	41.629	ng	100
27) 2,4-Dimethylphenol	7.734	122	218076	50.346	ng	96
28) bis(2-Chloroethoxy)met...	7.816	93	315735	38.454	ng	99
29) 2,4-Dichlorophenol	7.934	162	216506	38.825	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	239364	38.525	ng	99
31) Naphthalene	8.086	128	795749	38.131	ng	100
32) Benzoic acid	7.892	122	157475	37.574	ng	98
33) 4-Chloroaniline	8.139	127	163639	21.237	ng	99
34) Hexachlorobutadiene	8.198	225	135553	35.909	ng	100
35) Caprolactam	8.534	113	50193	27.284	ng	88
36) 4-Chloro-3-methylphenol	8.645	107	235317	37.483	ng	98
37) 2-Methylnaphthalene	8.781	142	506718	37.729	ng	99
38) 1-Methylnaphthalene	8.881	142	488085	37.042	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	243960	40.976	ng	99
41) Hexachlorocyclopentadiene	8.928	237	123420	65.933	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	149559	39.170	ng	97

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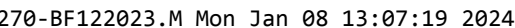
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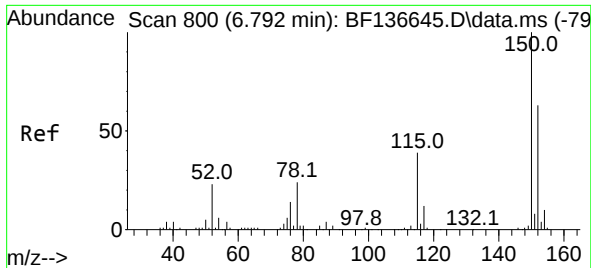
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	159365	37.455	ng	99
46) 1,1'-Biphenyl	9.245	154	628230	38.943	ng	99
47) 2-Chloronaphthalene	9.275	162	478041	38.979	ng	97
48) 2-Nitroaniline	9.381	65	150261	39.126	ng	86
49) Acenaphthylene	9.686	152	744218	39.702	ng	99
50) Dimethylphthalate	9.551	163	548214	39.041	ng	99
51) 2,6-Dinitrotoluene	9.622	165	119686	37.556	ng	93
52) Acenaphthene	9.863	154	442517	38.083	ng	99
53) 3-Nitroaniline	9.792	138	106554	31.563	ng	98
54) 2,4-Dinitrophenol	9.910	184	118218	67.543	ng	94
55) Dibenzofuran	10.033	168	654428	37.154	ng	98
56) 4-Nitrophenol	9.980	139	143467	62.954	ng	96
57) 2,4-Dinitrotoluene	10.033	165	150333	36.337	ng	96
58) Fluorene	10.380	166	538562	38.534	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	133512	40.763	ng	98
60) Diethylphthalate	10.257	149	548214	37.628	ng	97
61) 4-Chlorophenyl-phenyle...	10.369	204	256277	37.725	ng	94
62) 4-Nitroaniline	10.416	138	109701	33.709	ng	94
63) Azobenzene	10.528	77	505205	37.126	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	78459	38.271	ng	94
66) n-Nitrosodiphenylamine	10.492	169	474471	40.831	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	157466	39.637	ng	98
68) Hexachlorobenzene	10.928	284	174129	39.331	ng	99
69) Atrazine	11.027	200	116453	39.181	ng	98
70) Pentachlorophenol	11.127	266	121909	59.076	ng	98
71) Phenanthrene	11.345	178	754604	41.112	ng	100
72) Anthracene	11.398	178	752777	40.497	ng	99
73) Carbazole	11.557	167	676783	38.617	ng	100
74) Di-n-butylphthalate	11.880	149	869753	40.670	ng	99
75) Fluoranthene	12.539	202	753306	38.369	ng	98
77) Benzidine	12.663	184	25249	4.735	ng	96
78) Pyrene	12.769	202	752624	42.391	ng	99
80) Butylbenzylphthalate	13.386	149	298089	46.142	ng	95
81) Benzo(a)anthracene	13.968	228	526130	41.894	ng	98
82) 3,3'-Dichlorobenzidine	13.927	252	141477	39.668	ng	96
83) Chrysene	14.004	228	479200	39.020	ng	98
84) Bis(2-ethylhexyl)phtha...	13.945	149	389424	47.911	ng	99
85) Di-n-octyl phthalate	14.563	149	553717	44.040	ng	98
87) Indeno(1,2,3-cd)pyrene	16.992	276	532569	52.171	ng	99
88) Benzo(b)fluoranthene	15.027	252	433094	45.863	ng	99
89) Benzo(k)fluoranthene	15.057	252	401463	44.992	ng	98
90) Benzo(a)pyrene	15.398	252	367336	46.084	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	448325	53.533	ng	98
92) Benzo(g,h,i)perylene	17.451	276	449023	52.349	ng	98

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

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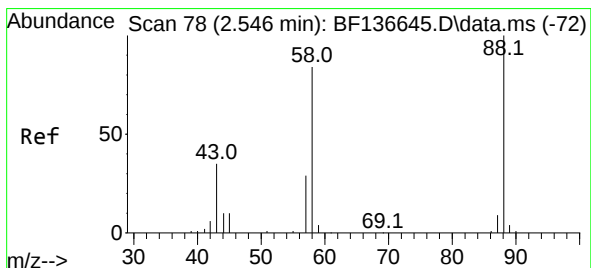
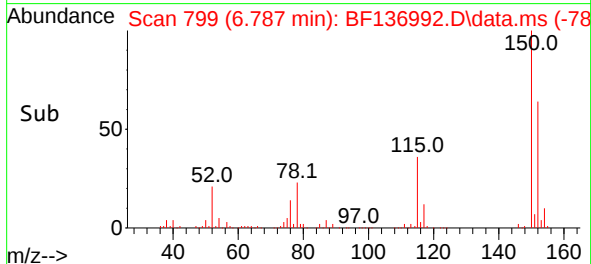
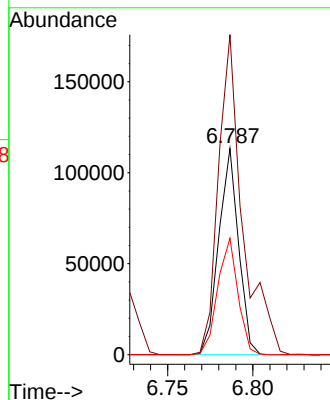
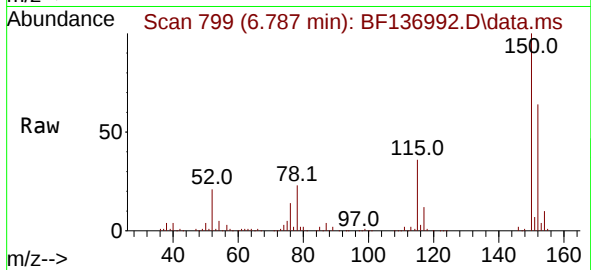




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.787 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

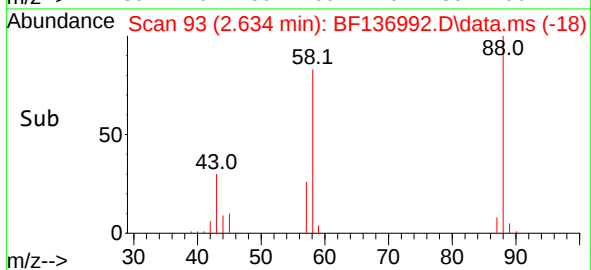
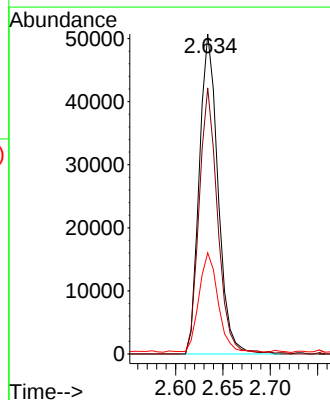
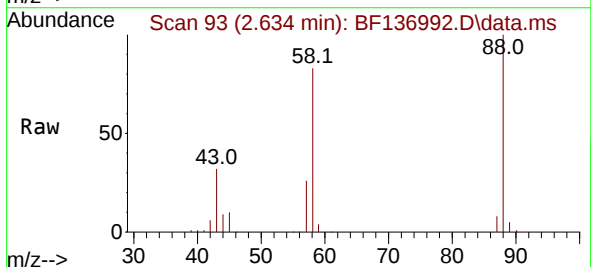
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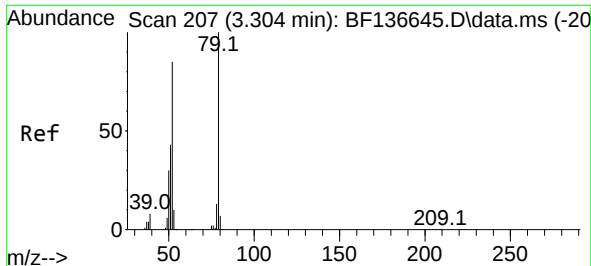
Tgt Ion:152 Resp: 92068
Ion Ratio Lower Upper
152 100
150 155.1 127.0 190.6
115 56.5 49.0 73.4



#2
1,4-Dioxane
Concen: 28.324 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.088 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion: 88 Resp: 69636
Ion Ratio Lower Upper
88 100
58 82.3 67.4 101.0
43 31.2 27.7 41.5

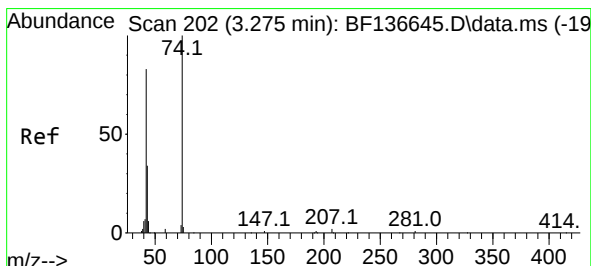
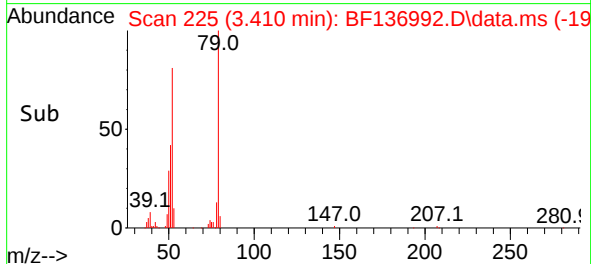
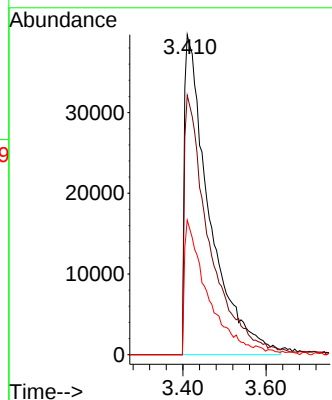
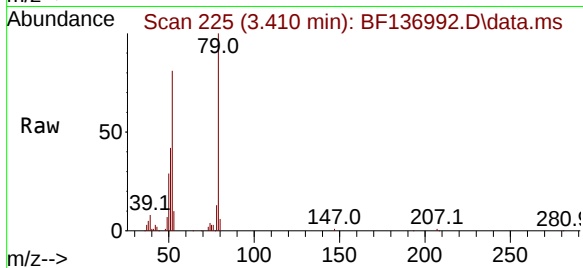




#3
Pyridine
Concen: 27.472 ng
RT: 3.410 min Scan# 219
Delta R.T. 0.106 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

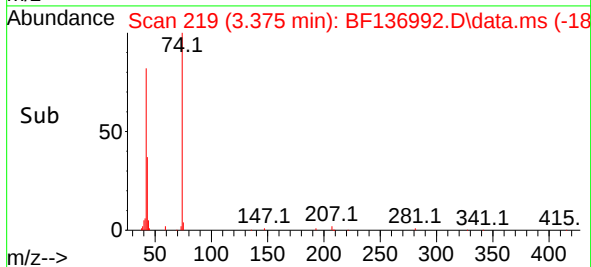
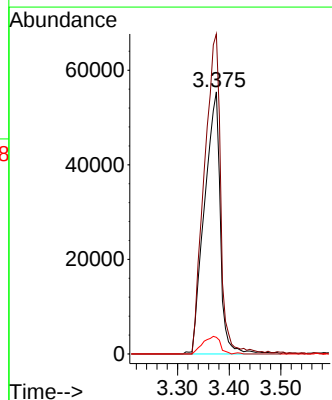
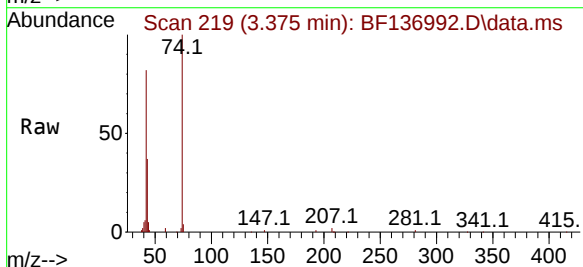
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BNA_F
ClientSampleId :
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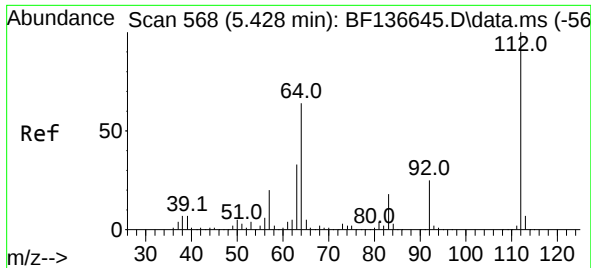
Tgt Ion: 79 Resp: 164796
Ion Ratio Lower Upper
79 100
52 81.1 67.7 101.5
51 42.1 34.0 51.0



#4
n-Nitrosodimethylamine
Concen: 36.852 ng
RT: 3.375 min Scan# 219
Delta R.T. 0.100 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion: 42 Resp: 118052
Ion Ratio Lower Upper
42 100
74 122.1 96.0 144.0
44 6.4 5.4 8.2

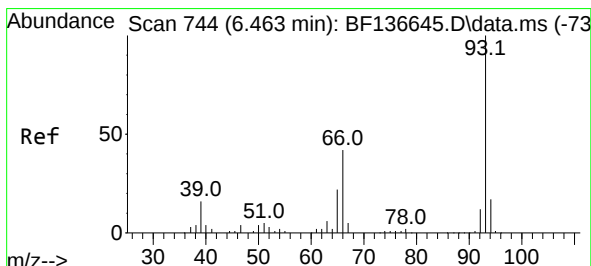
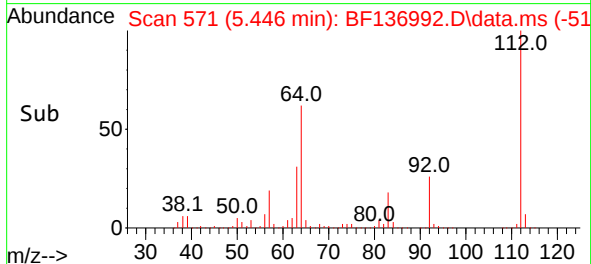
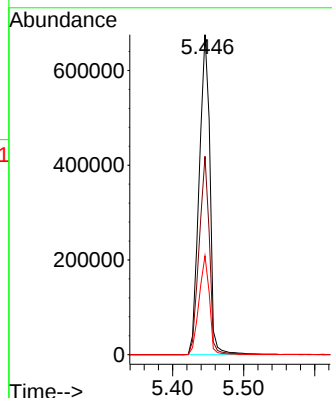
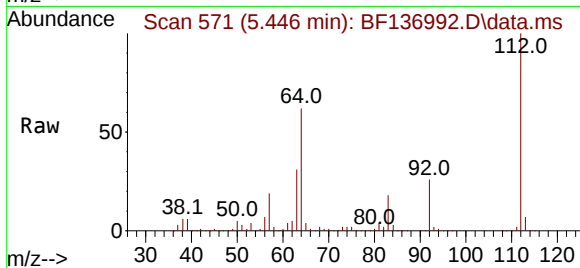




#5
2-Fluorophenol
Concen: 120.899 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

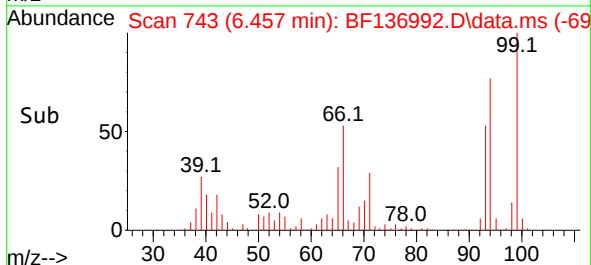
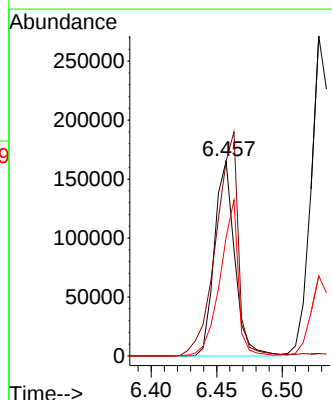
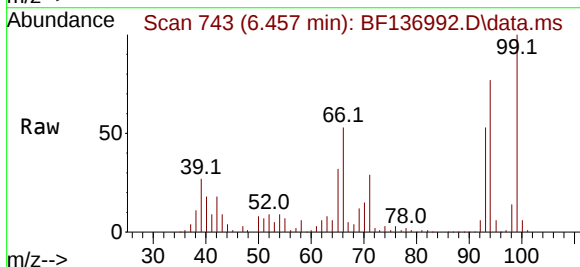
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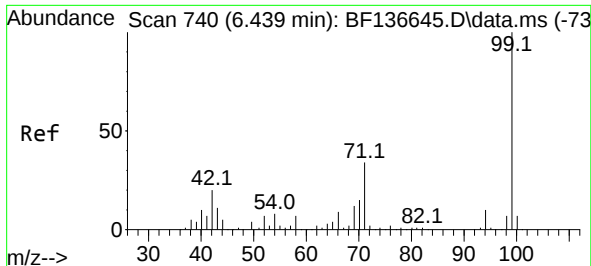
Tgt Ion:112 Resp: 713388
Ion Ratio Lower Upper
112 100
64 62.0 51.1 76.7
63 30.9 26.1 39.1



#6
Aniline
Concen: 23.249 ng
RT: 6.457 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion: 93 Resp: 177724
Ion Ratio Lower Upper
93 100
66 99.8 34.6 51.8#
65 60.8 17.8 26.8#

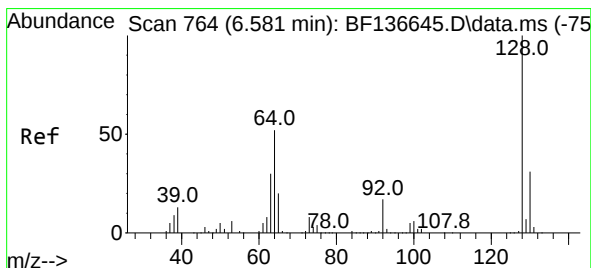
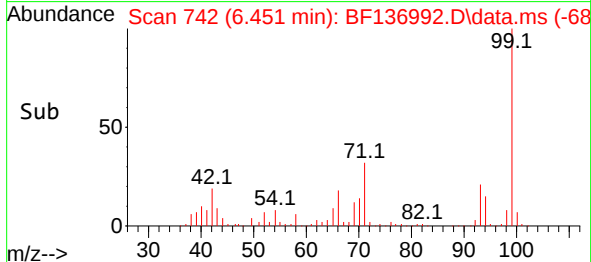
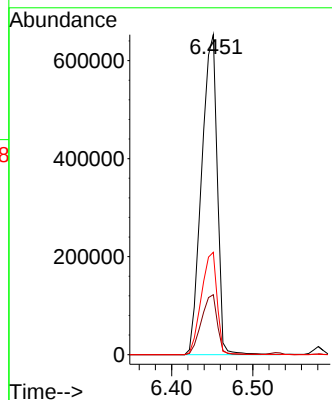
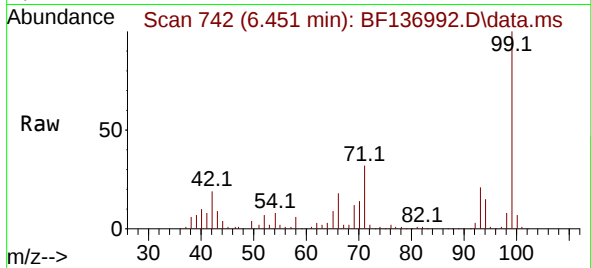




#7
Phenol-d6
Concen: 114.073 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.012 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

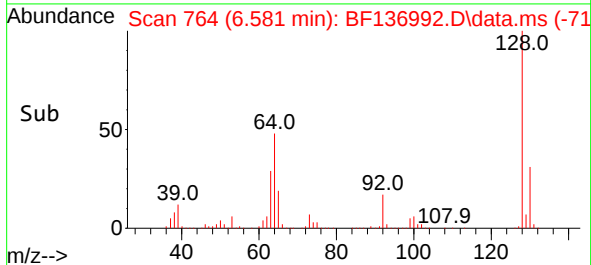
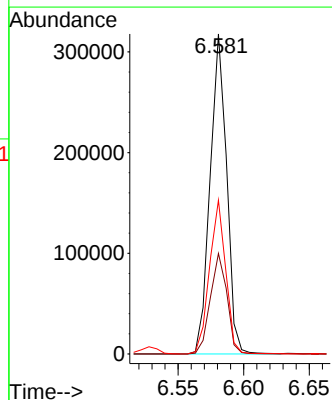
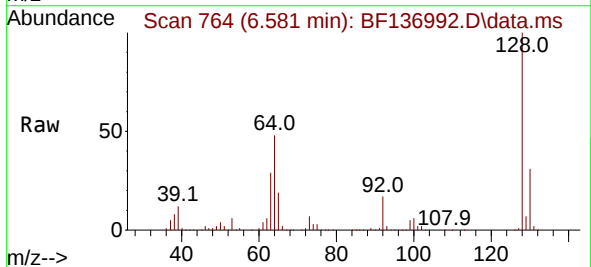
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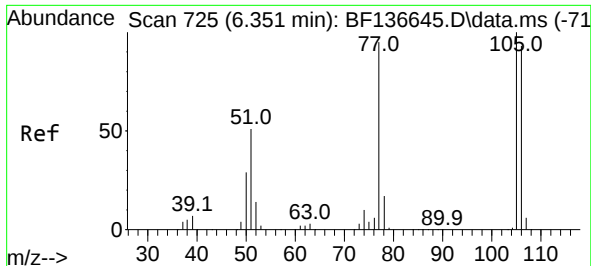
Tgt Ion: 99 Resp: 872193
Ion Ratio Lower Upper
99 100
42 18.8 16.1 24.1
71 32.0 27.4 41.2



#8
2-Chlorophenol
Concen: 43.202 ng
RT: 6.581 min Scan# 764
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:128 Resp: 278970
Ion Ratio Lower Upper
128 100
130 31.4 11.3 51.3
64 48.0 32.5 72.5

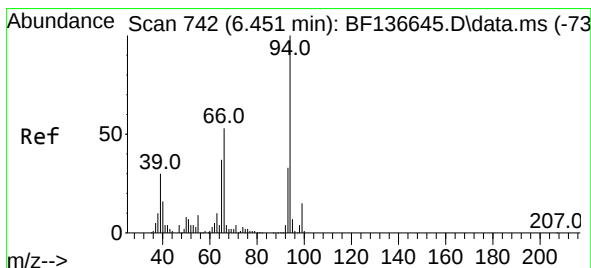
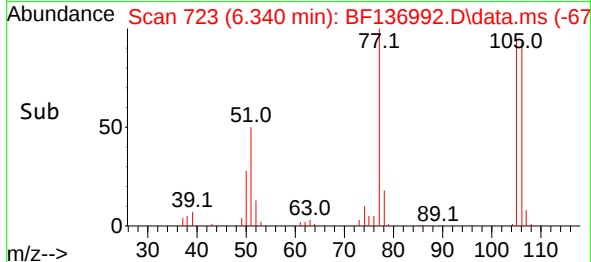
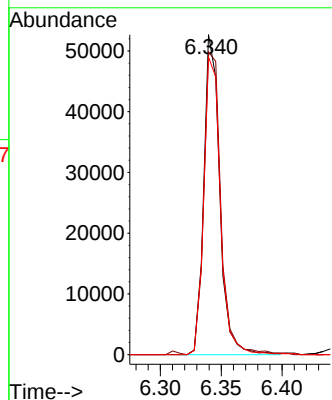
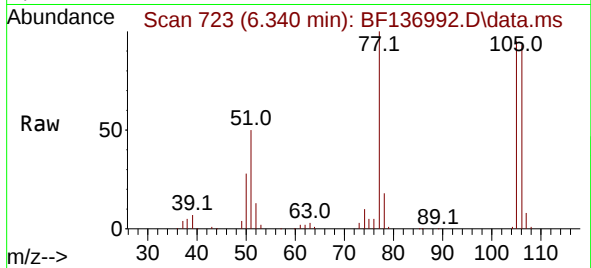




#9
Benzaldehyde
Concen: 10.968 ng
RT: 6.340 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

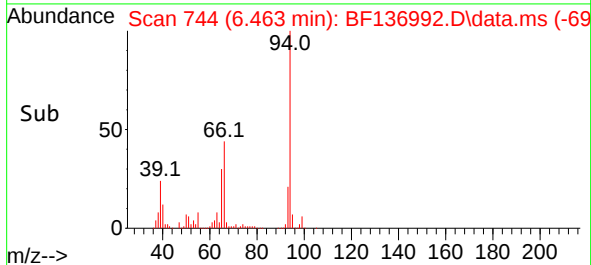
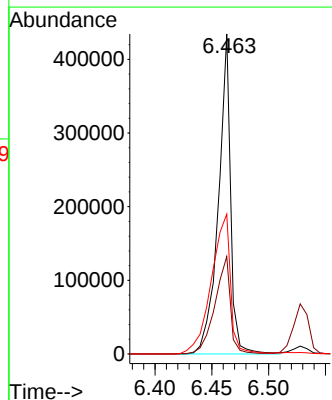
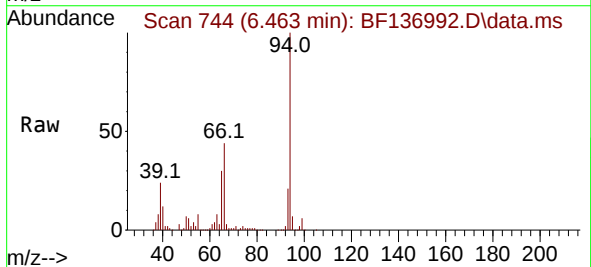
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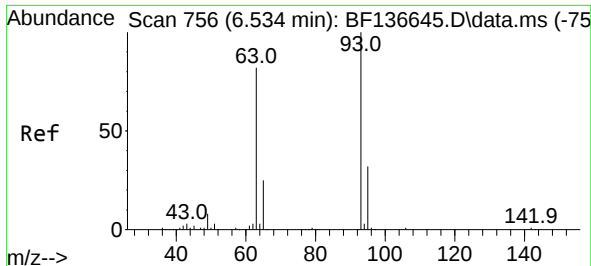
Tgt Ion: 77 Resp: 47700
Ion Ratio Lower Upper
77 100
105 94.6 84.8 124.8
106 93.0 77.8 117.8



#10
Phenol
Concen: 40.054 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.012 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion: 94 Resp: 326925
Ion Ratio Lower Upper
94 100
65 30.4 16.6 56.6
66 43.7 32.6 72.6

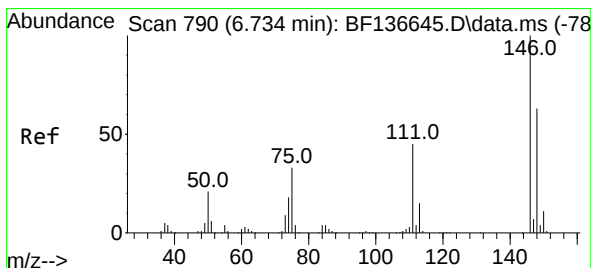
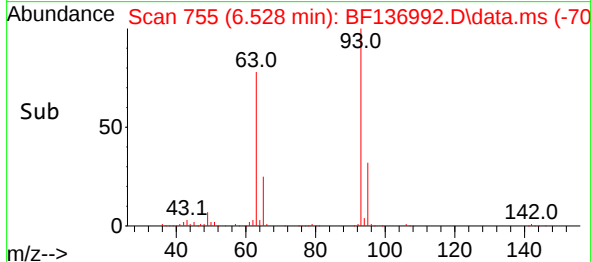
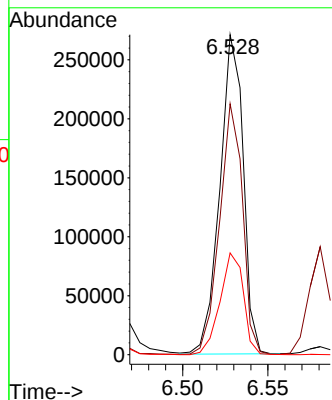
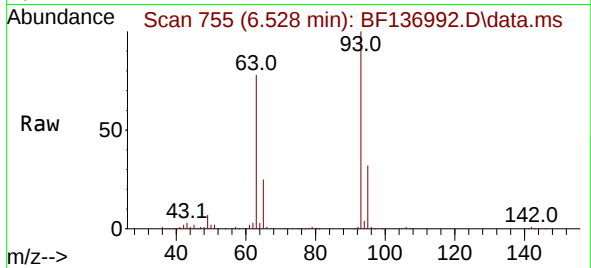




#11
bis(2-Chloroethyl)ether
Concen: 41.659 ng
RT: 6.528 min Scan# 756
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

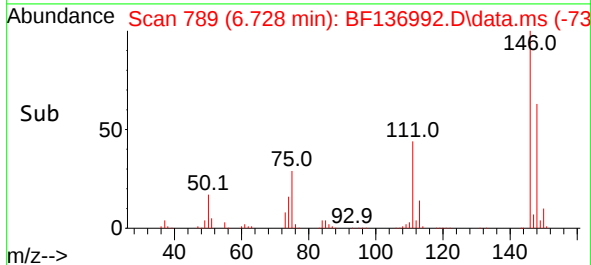
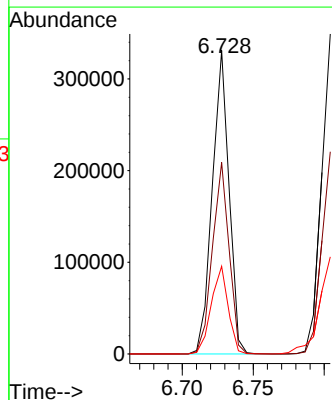
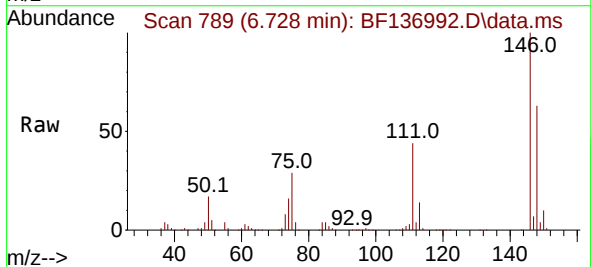
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

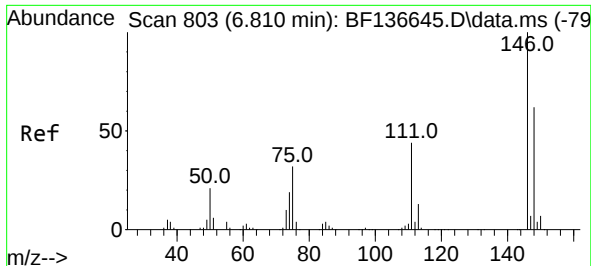
Tgt Ion: 93 Resp: 258586
Ion Ratio Lower Upper
93 100
63 78.4 61.2 101.2
95 31.8 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 38.384 ng
RT: 6.728 min Scan# 789
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion: 146 Resp: 270391
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
75 28.9 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 38.247 ng

RT: 6.804 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

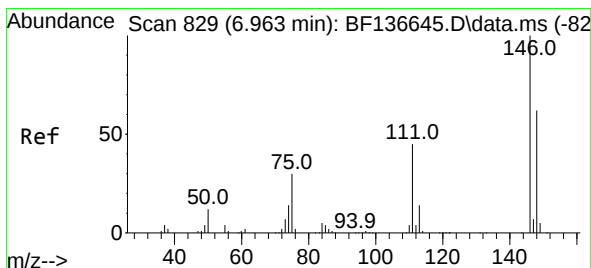
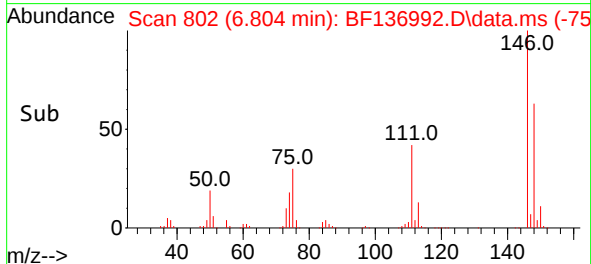
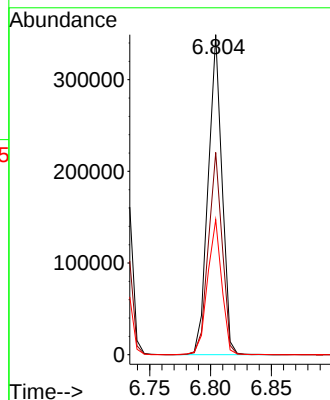
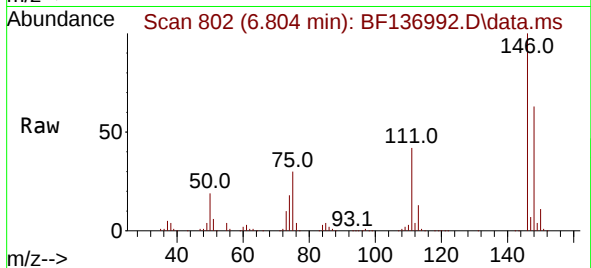
Tgt Ion:146 Resp: 275288

Ion Ratio Lower Upper

146 100

148 63.2 49.2 73.8

111 42.2 35.2 52.8



#14

1,2-Dichlorobenzene

Concen: 38.933 ng

RT: 6.951 min Scan# 827

Delta R.T. -0.012 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

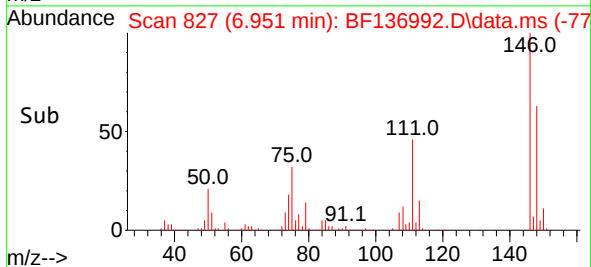
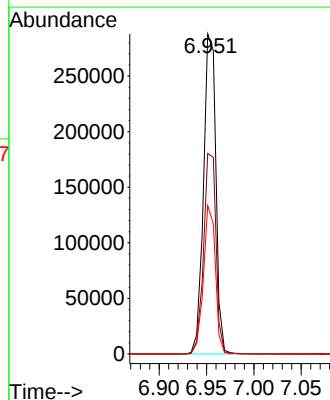
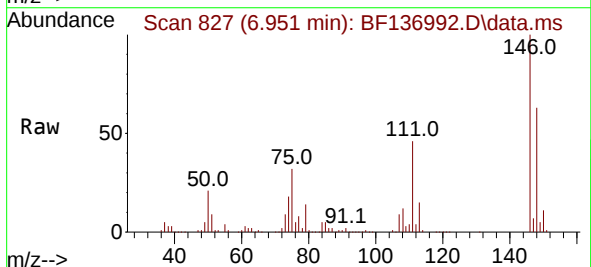
Tgt Ion:146 Resp: 260759

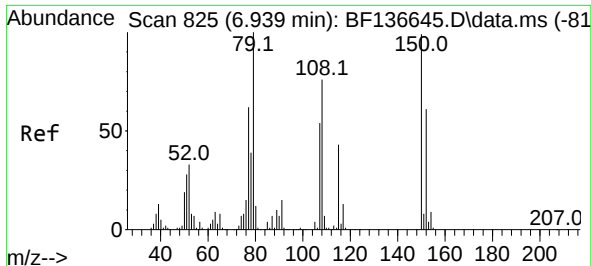
Ion Ratio Lower Upper

146 100

148 62.7 49.6 74.4

111 46.4 36.2 54.2

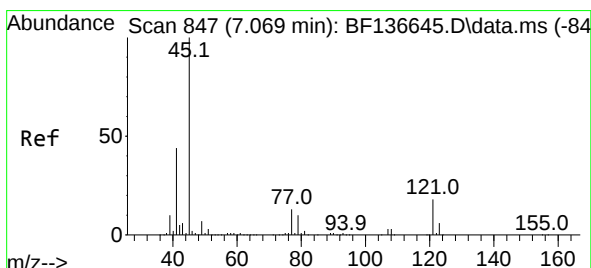
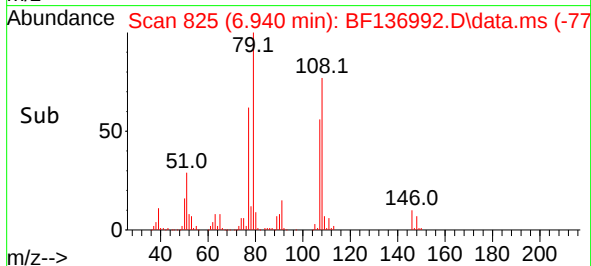
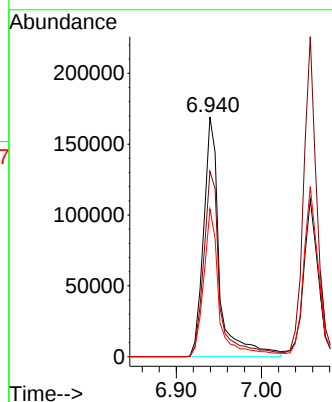
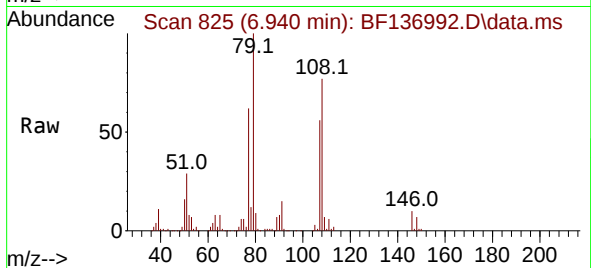




#15
Benzyl Alcohol
Concen: 42.590 ng
RT: 6.940 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

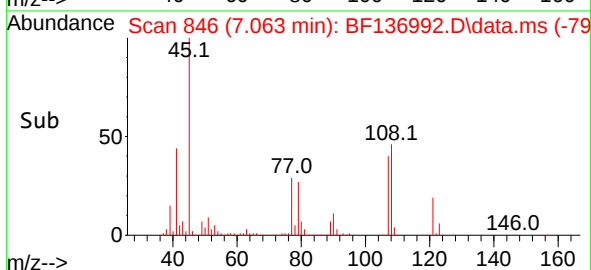
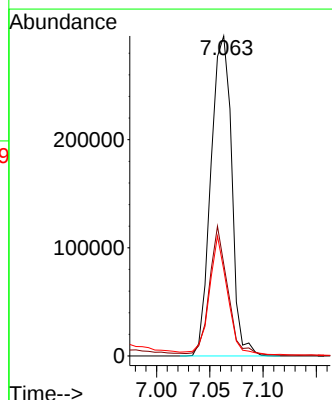
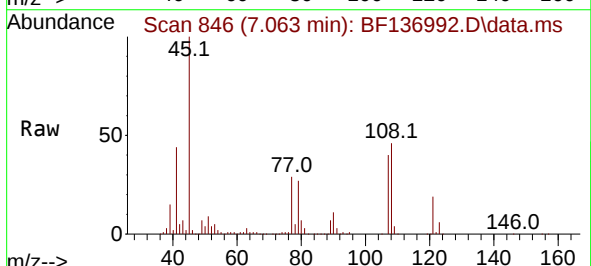
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

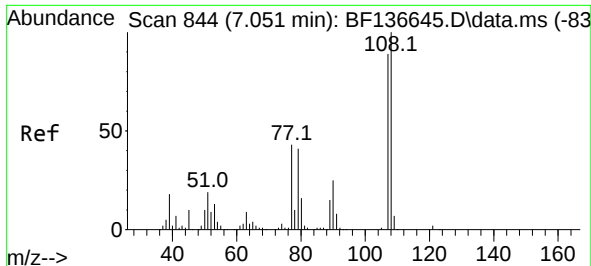
Tgt Ion: 79 Resp: 219689
Ion Ratio Lower Upper
79 100
108 77.3 61.0 91.6
77 61.5 49.8 74.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.498 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion: 45 Resp: 400837
Ion Ratio Lower Upper
45 100
77 28.7 0.0 34.3
79 27.0 0.0 31.4

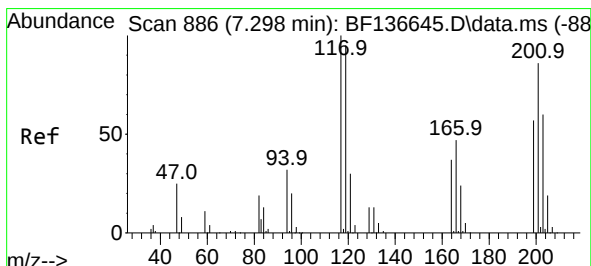
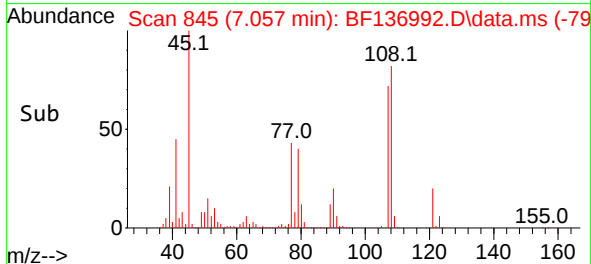
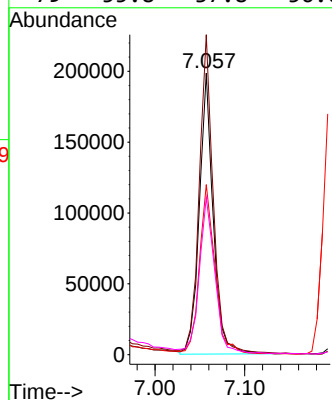
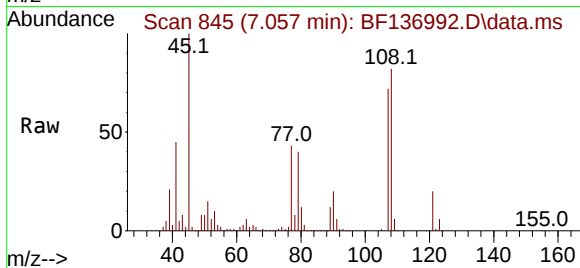




#17
2-Methylphenol
Concen: 40.003 ng
RT: 7.057 min Scan# 844
Delta R.T. 0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

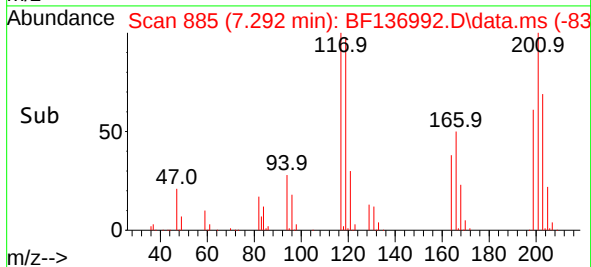
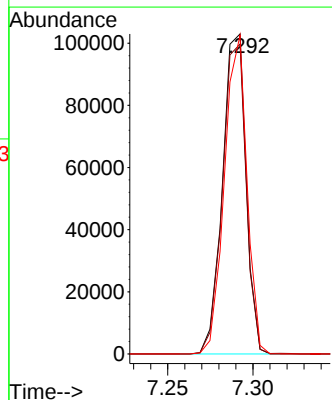
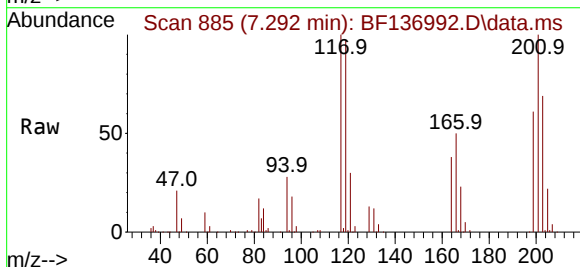
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

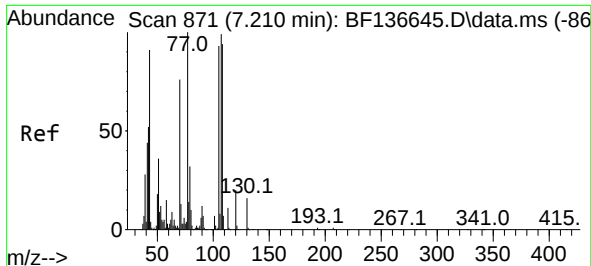
Tgt Ion:107 Resp: 213995
Ion Ratio Lower Upper
107 100
108 113.7 90.3 135.5
77 60.4 38.7 58.1#
79 55.8 37.8 56.6



#18
Hexachloroethane
Concen: 37.869 ng
RT: 7.292 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:117 Resp: 98990
Ion Ratio Lower Upper
117 100
119 96.8 75.8 113.6
201 99.6 69.1 103.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.647 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.000 min

Lab File: BF136992.D

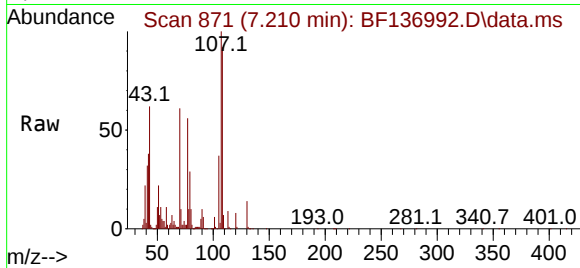
Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD



Tgt Ion: 70 Resp: 188395

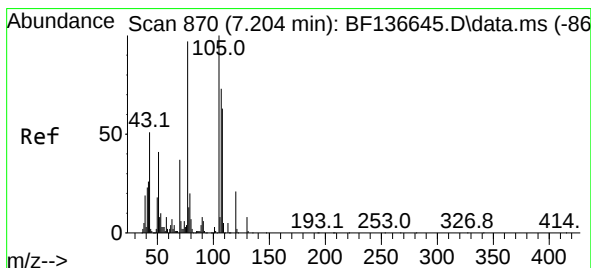
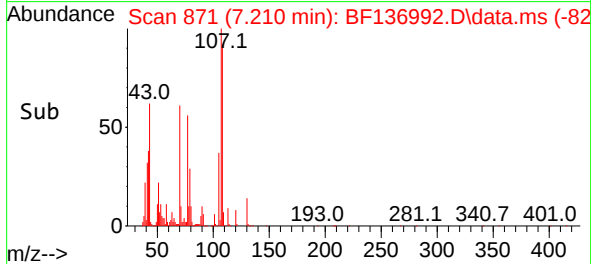
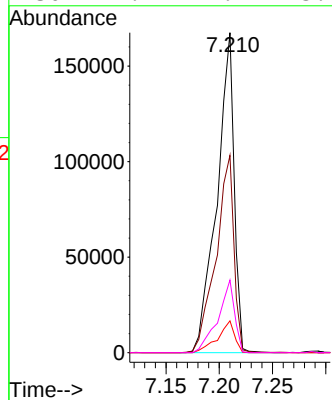
Ion Ratio Lower Upper

70 100

42 61.6 54.2 81.4

101 9.9 7.6 11.4

130 22.7 17.1 25.7



#20

3+4-Methylphenols

Concen: 40.793 ng

RT: 7.210 min Scan# 871

Delta R.T. 0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Tgt Ion: 107 Resp: 272629

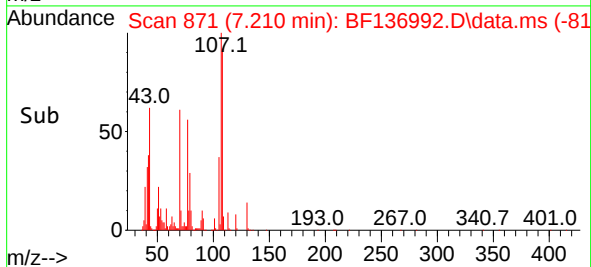
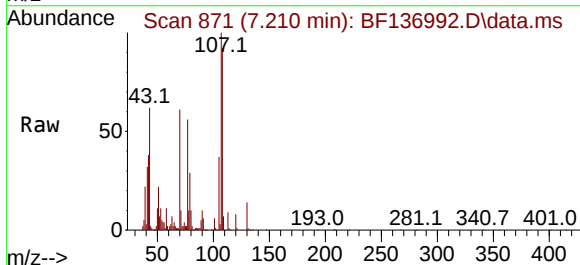
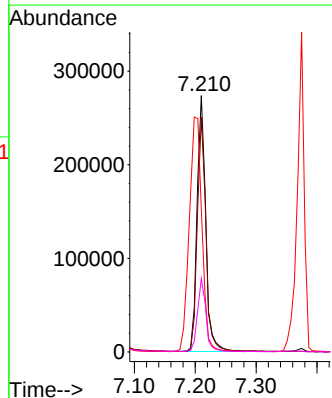
Ion Ratio Lower Upper

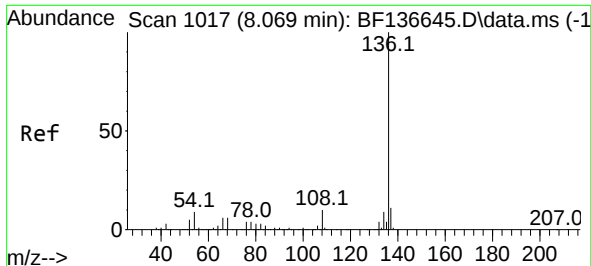
107 100

108 91.5 66.0 106.0

77 55.6 114.2 154.2#

79 28.6 7.2 47.2

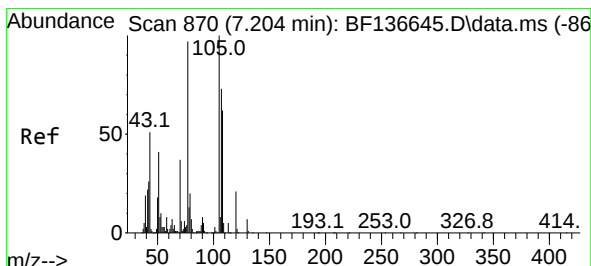
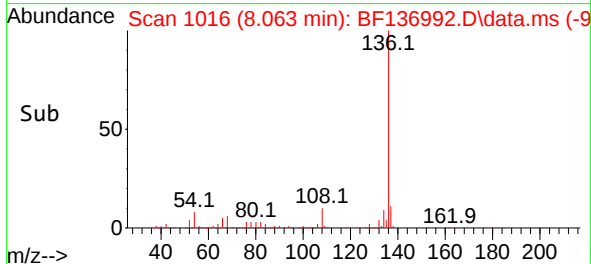
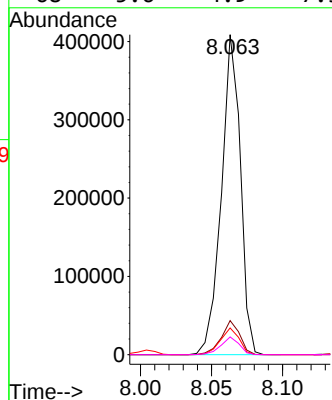
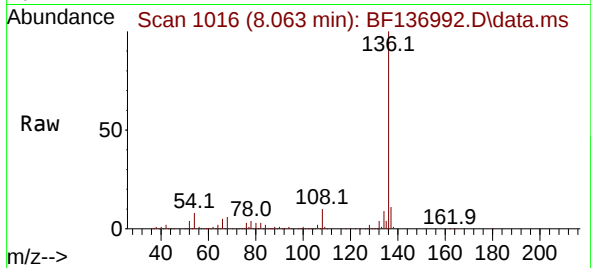




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

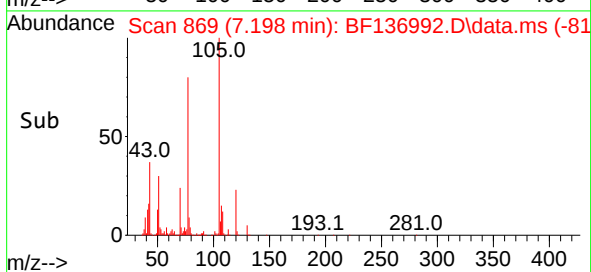
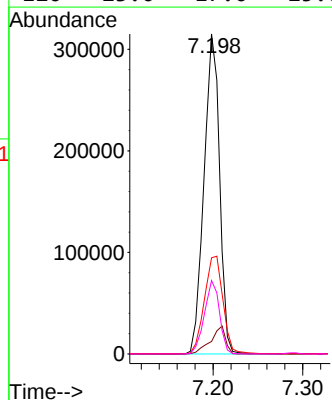
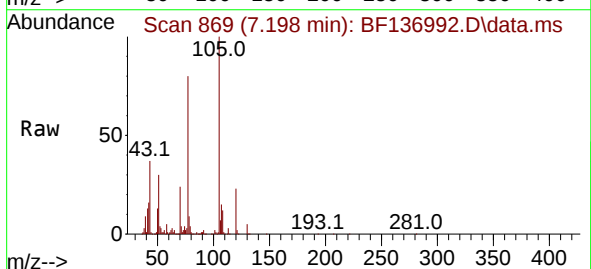
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

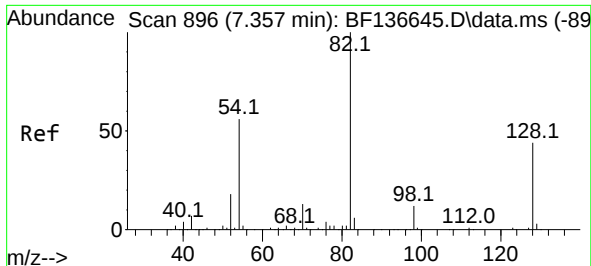
Tgt Ion:136 Resp: 379868
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.4
54 8.4 7.2 10.8
68 5.6 4.9 7.3



#22
Acetophenone
Concen: 39.849 ng
RT: 7.198 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:105 Resp: 379414
Ion Ratio Lower Upper
105 100
71 3.9 4.8 7.2#
51 30.0 32.8 49.2#
120 23.0 17.0 25.6





#23
Nitrobenzene-d5
Concen: 72.906 ng
RT: 7.357 min Scan# 896
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

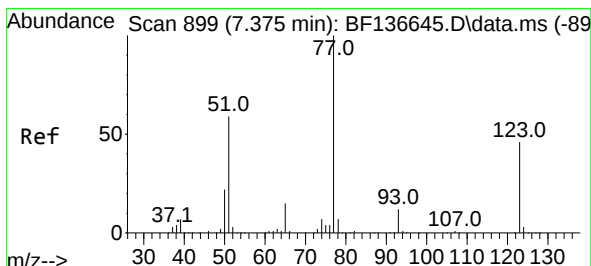
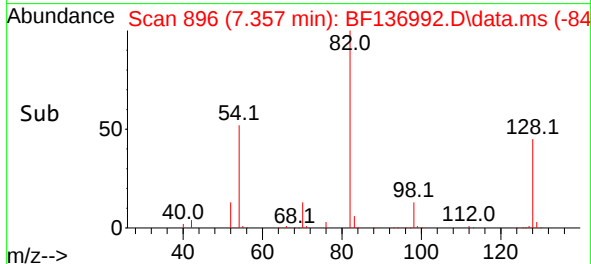
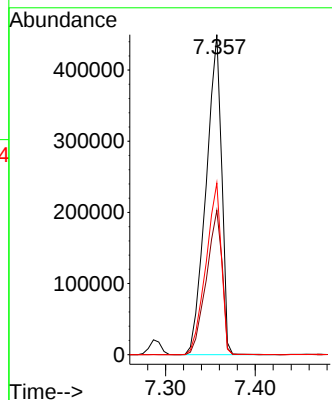
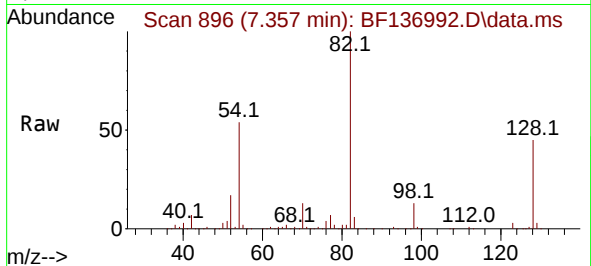
Instrument :

BNA_F

ClientSampleId :

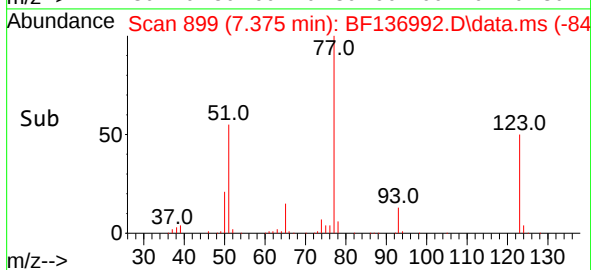
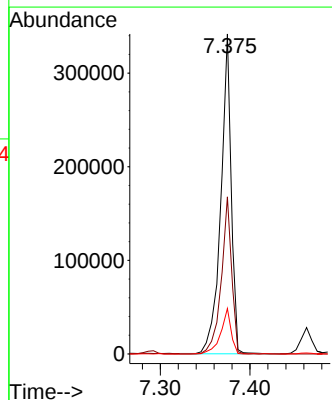
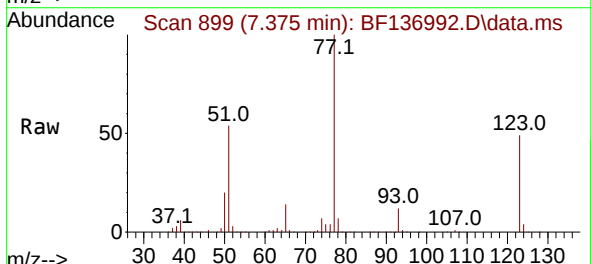
PB158264BSD

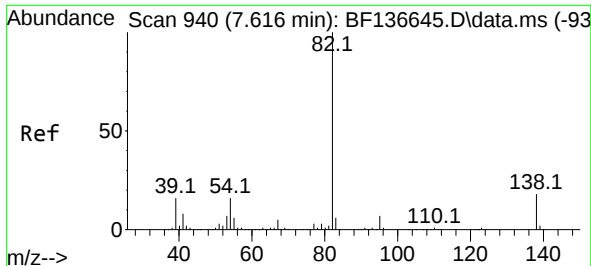
Tgt Ion: 82 Resp: 541214
Ion Ratio Lower Upper
82 100
128 45.1 35.3 52.9
54 53.6 44.5 66.7



#24
Nitrobenzene
Concen: 37.108 ng
RT: 7.375 min Scan# 899
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion: 77 Resp: 275949
Ion Ratio Lower Upper
77 100
123 49.1 36.7 55.1
65 14.2 11.8 17.6

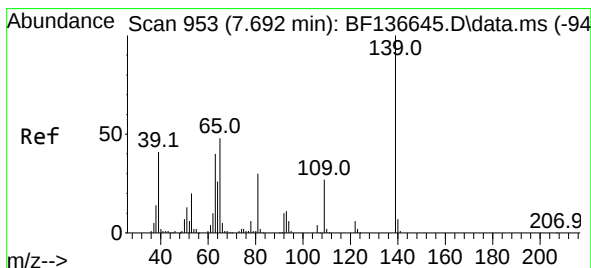
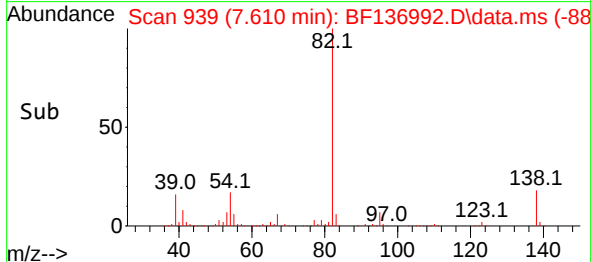
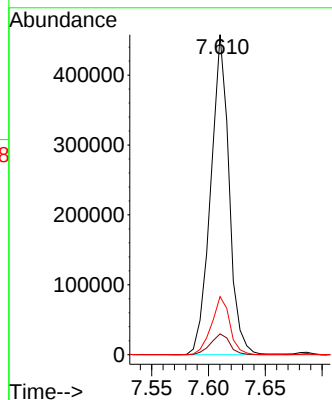
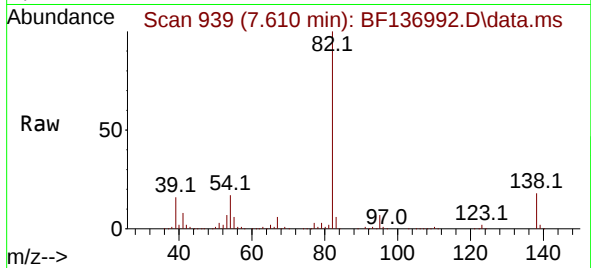




#25
Isophorone
Concen: 38.124 ng
RT: 7.610 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

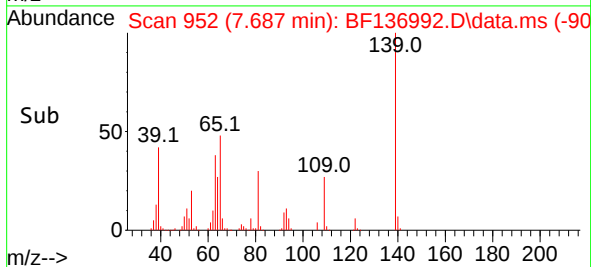
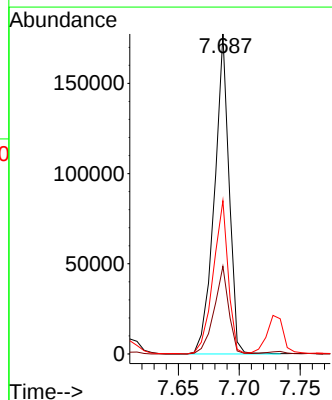
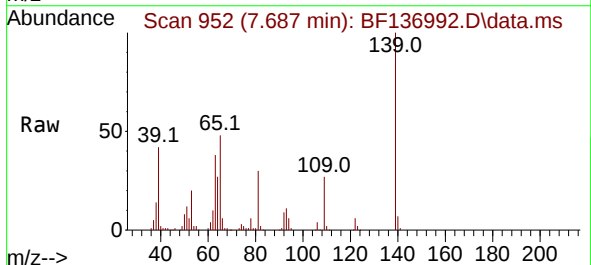
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

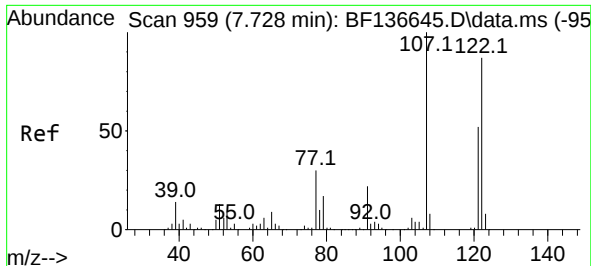
Tgt Ion: 82 Resp: 514972
Ion Ratio Lower Upper
82 100
95 6.5 5.5 8.3
138 18.1 14.5 21.7



#26
2-Nitrophenol
Concen: 41.629 ng
RT: 7.687 min Scan# 952
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion: 139 Resp: 148113
Ion Ratio Lower Upper
139 100
109 27.4 21.9 32.9
65 47.9 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 50.346 ng

RT: 7.734 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

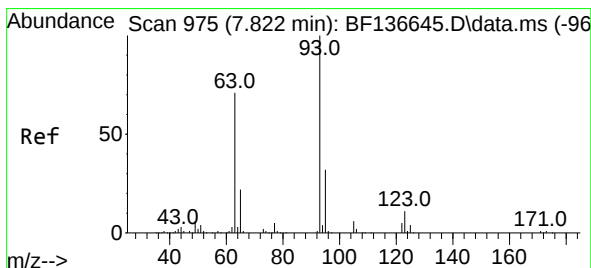
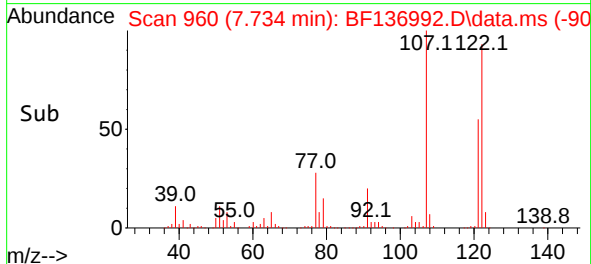
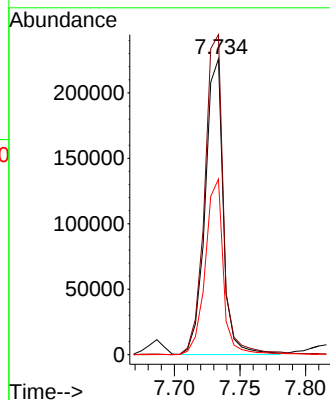
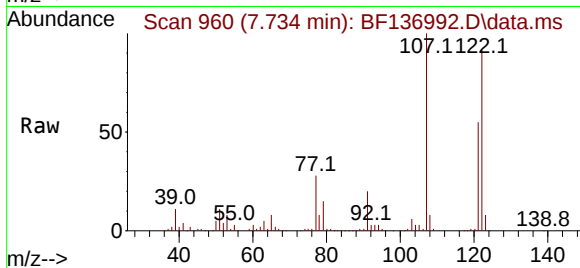
Tgt Ion:122 Resp: 218076

Ion Ratio Lower Upper

122 100

107 108.2 92.0 138.0

121 59.3 47.5 71.3



#28

bis(2-Chloroethoxy)methane

Concen: 38.454 ng

RT: 7.816 min Scan# 974

Delta R.T. -0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

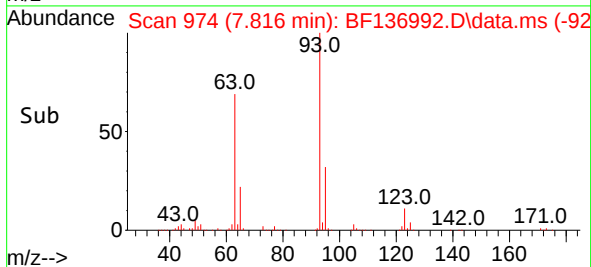
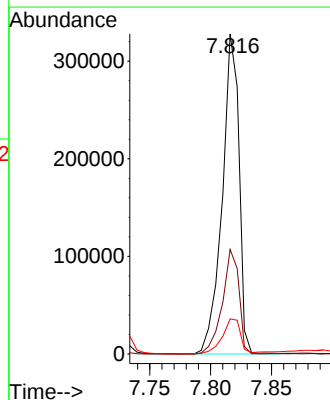
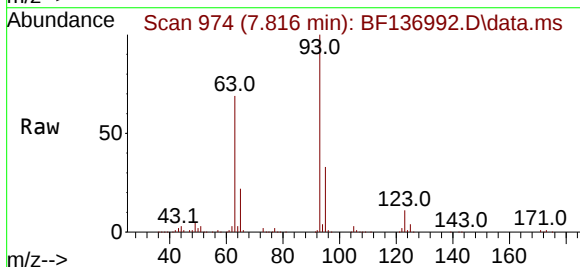
Tgt Ion: 93 Resp: 315735

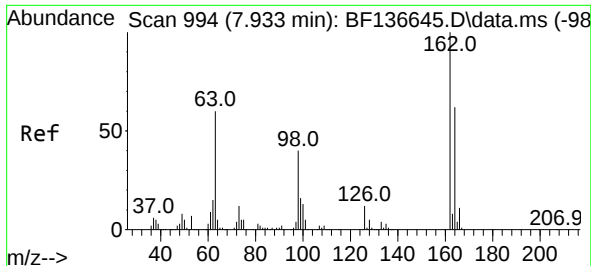
Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

123 10.9 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 38.825 ng

RT: 7.934 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

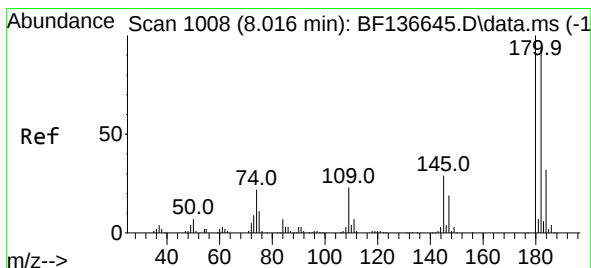
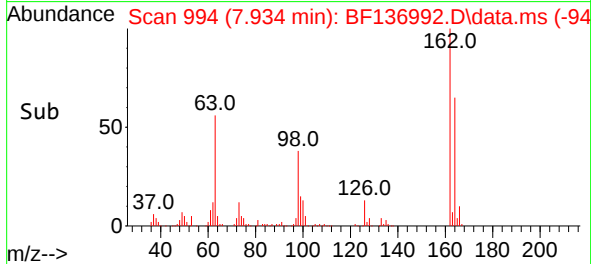
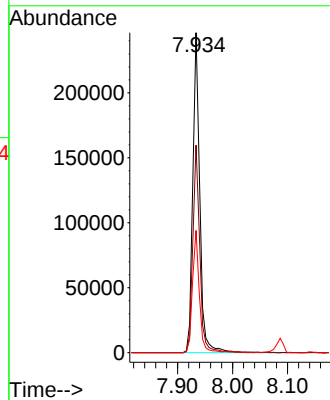
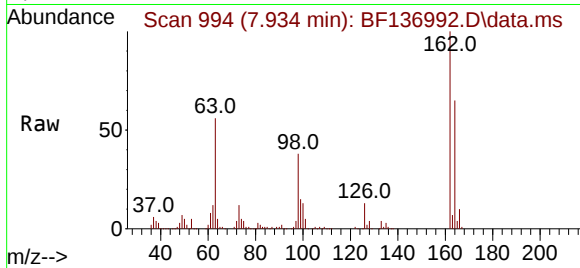
Tgt Ion:162 Resp: 216506

Ion Ratio Lower Upper

162 100

164 64.8 41.7 81.7

98 38.2 19.5 59.5



#30

1,2,4-Trichlorobenzene

Concen: 38.525 ng

RT: 8.004 min Scan# 1006

Delta R.T. -0.012 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

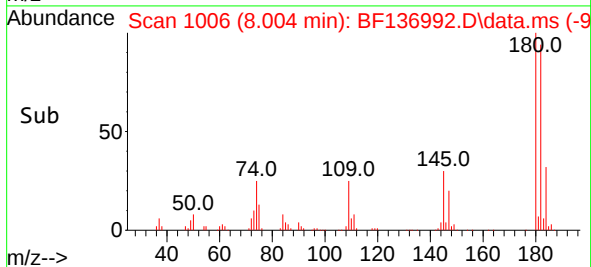
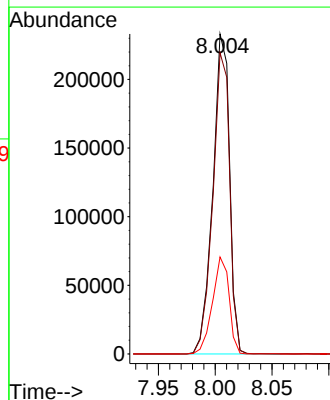
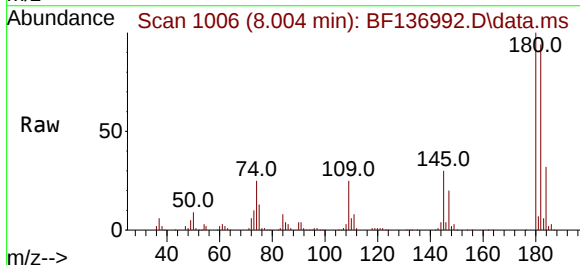
Tgt Ion:180 Resp: 239364

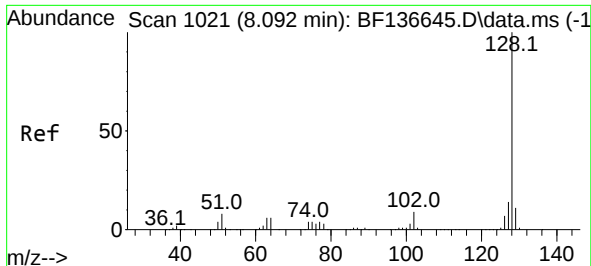
Ion Ratio Lower Upper

180 100

182 94.1 75.4 113.0

145 30.3 23.1 34.7

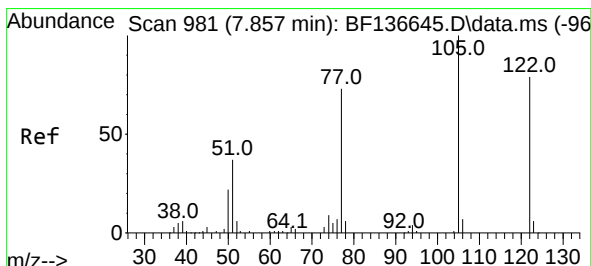
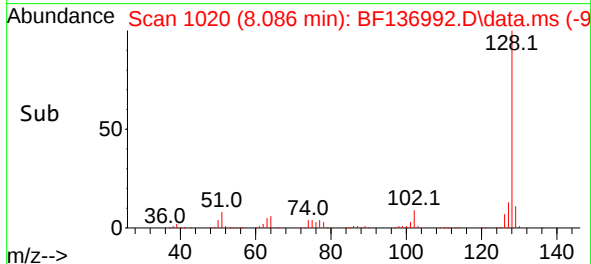
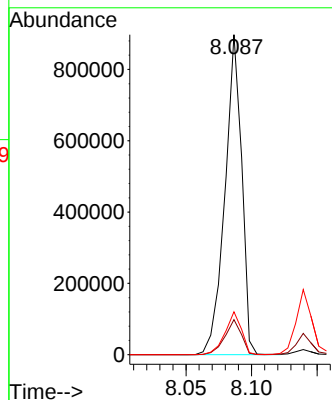
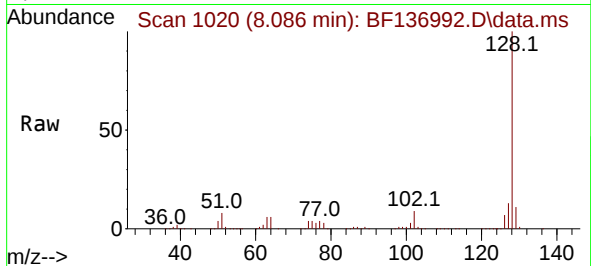




#31
Naphthalene
Concen: 38.131 ng
RT: 8.086 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

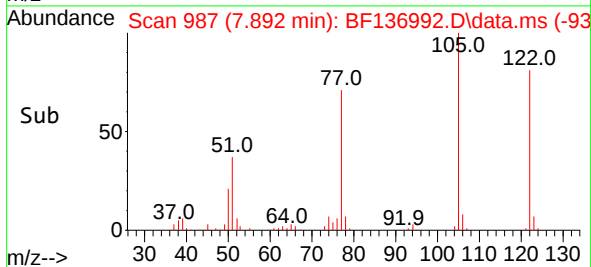
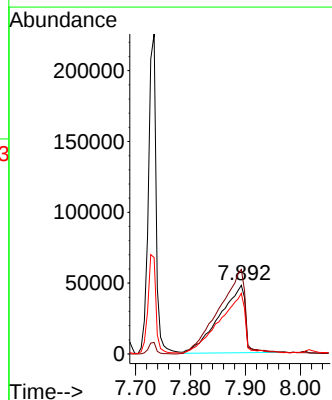
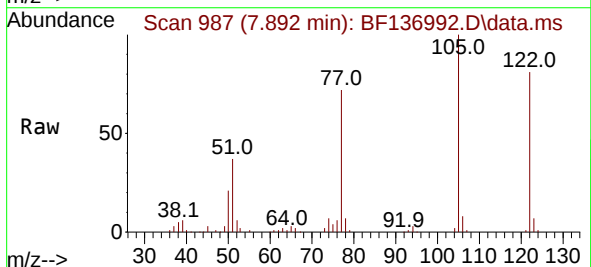
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

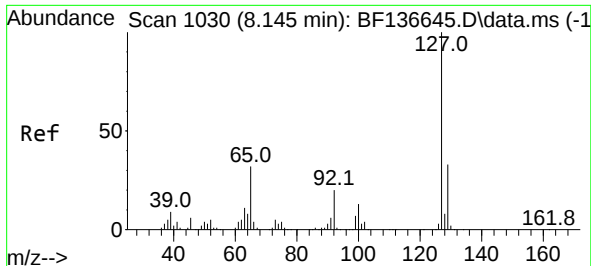
Tgt Ion:128 Resp: 795749
Ion Ratio Lower Upper
128 100
129 11.0 8.7 13.1
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 37.574 ng
RT: 7.892 min Scan# 987
Delta R.T. 0.035 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:122 Resp: 157475
Ion Ratio Lower Upper
122 100
105 123.1 100.8 140.8
77 88.4 70.9 110.9

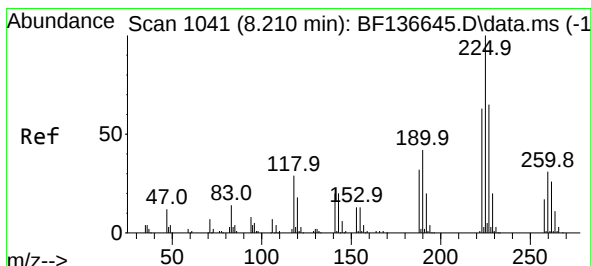
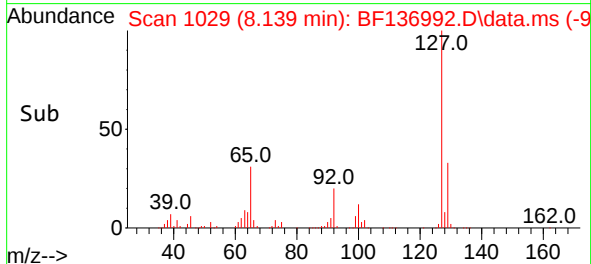
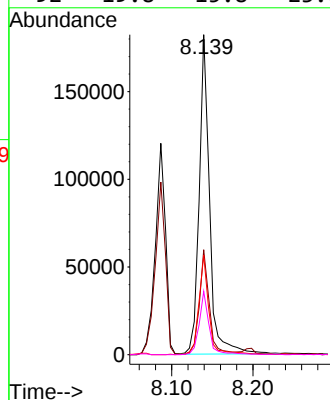
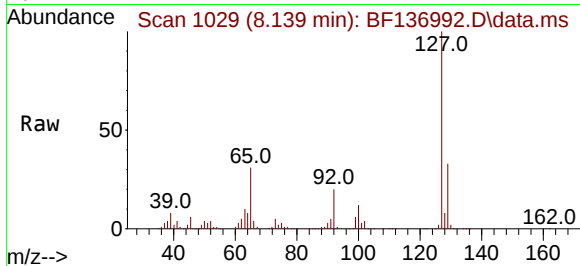




#33
4-Chloroaniline
Concen: 21.237 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

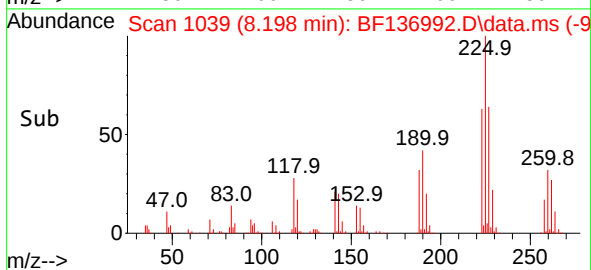
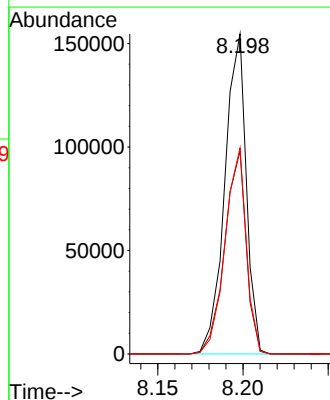
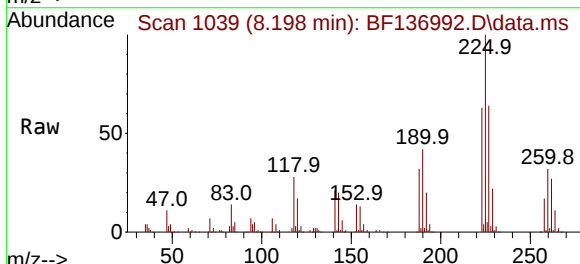
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

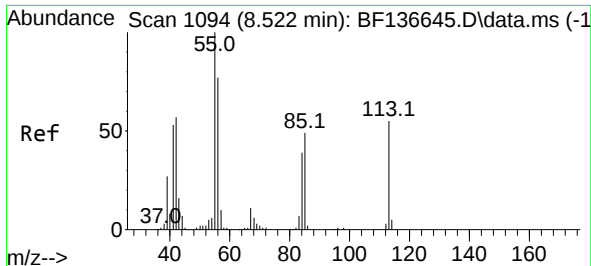
Tgt Ion:127	Resp: 163639
Ion Ratio	Lower Upper
127 100	
129 32.8	26.3 39.5
65 31.1	25.8 38.8
92 19.8	15.8 23.6



#34
Hexachlorobutadiene
Concen: 35.909 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.012 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:225	Resp: 135553
Ion Ratio	Lower Upper
225 100	
223 63.5	50.6 76.0
227 64.4	51.9 77.9

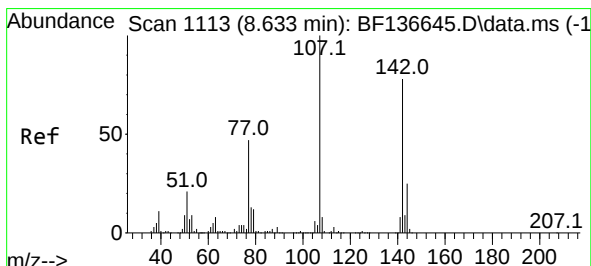
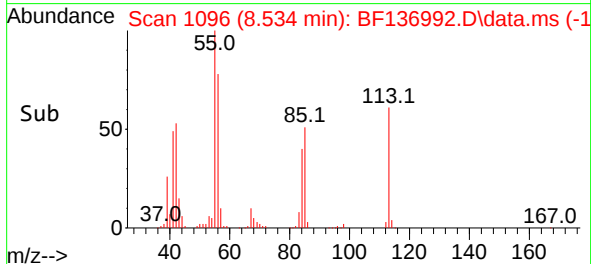
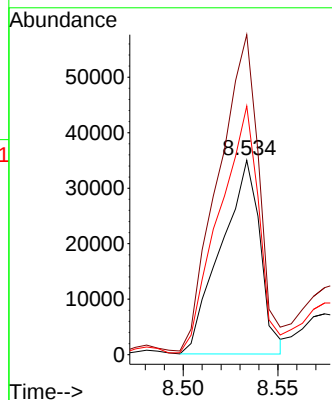
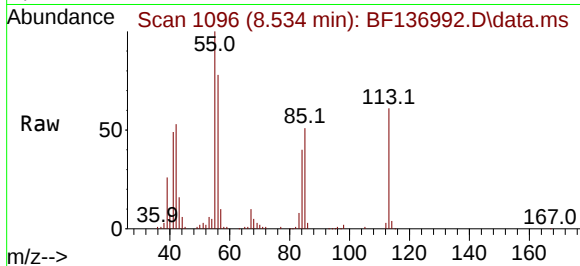




#35
 Caprolactam
 Concen: 27.284 ng
 RT: 8.534 min Scan# 1109
 Delta R.T. 0.012 min
 Lab File: BF136992.D
 Acq: 08 Jan 2024 12:11

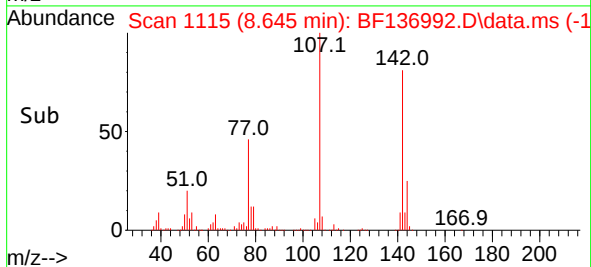
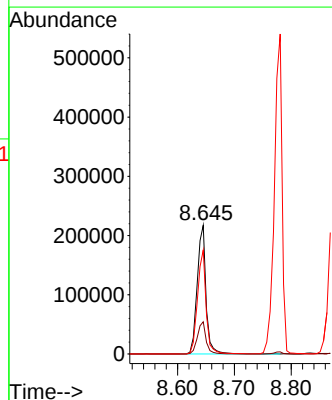
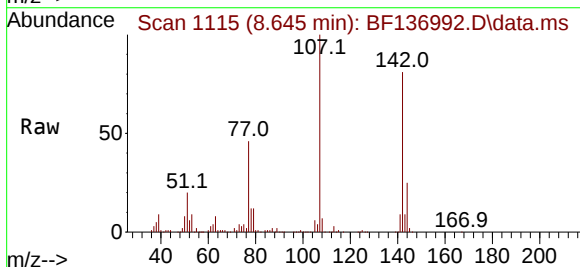
Instrument :
 BNA_F
 ClientSampleId :
 PB158264BSD

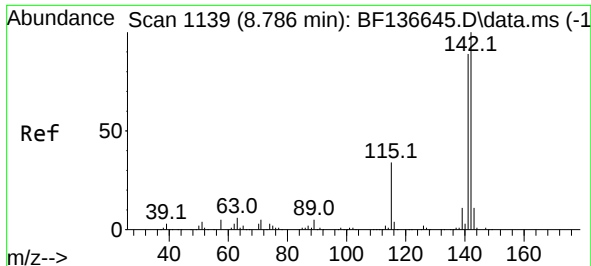
Tgt Ion:113 Resp: 50193
 Ion Ratio Lower Upper
 113 100
 55 164.6 163.1 203.1
 56 127.9 121.7 161.7



#36
 4-Chloro-3-methylphenol
 Concen: 37.483 ng
 RT: 8.645 min Scan# 1115
 Delta R.T. 0.012 min
 Lab File: BF136992.D
 Acq: 08 Jan 2024 12:11

Tgt Ion:107 Resp: 235317
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.2 30.2
 142 80.7 62.3 93.5





#37

2-Methylnaphthalene

Concen: 37.729 ng

RT: 8.781 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

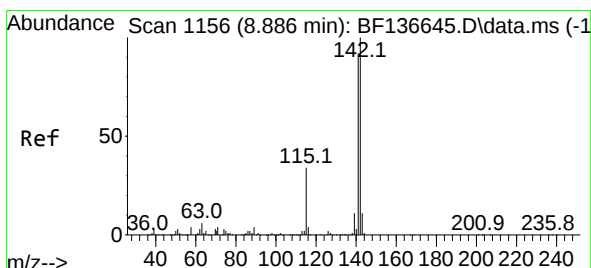
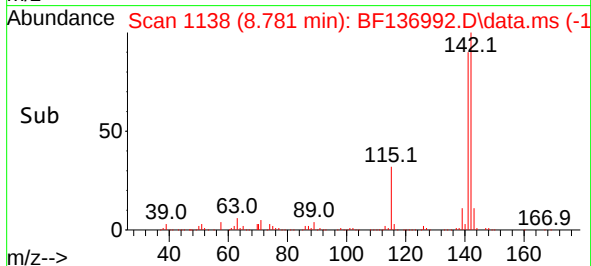
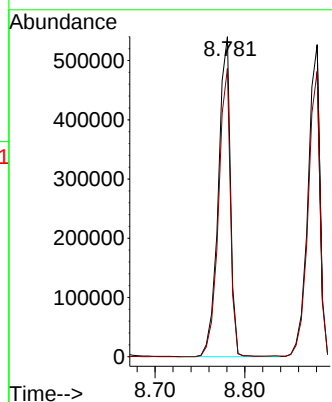
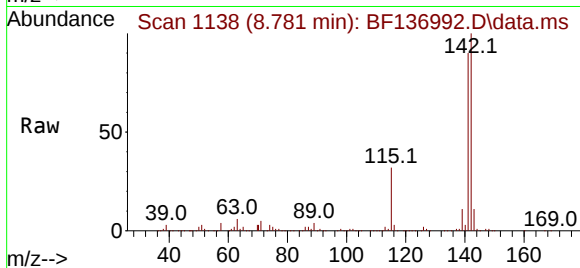
PB158264BSD

Tgt Ion:142 Resp: 506718

Ion Ratio Lower Upper

142 100

141 90.1 71.1 106.7



#38

1-Methylnaphthalene

Concen: 37.042 ng

RT: 8.881 min Scan# 1155

Delta R.T. -0.006 min

Lab File: BF136992.D

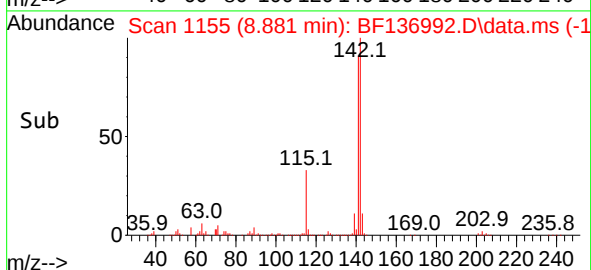
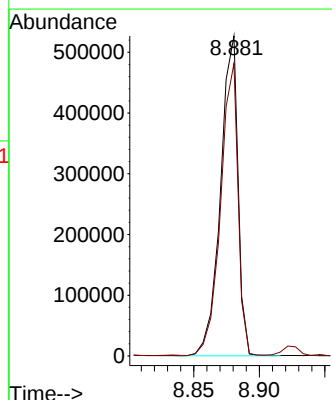
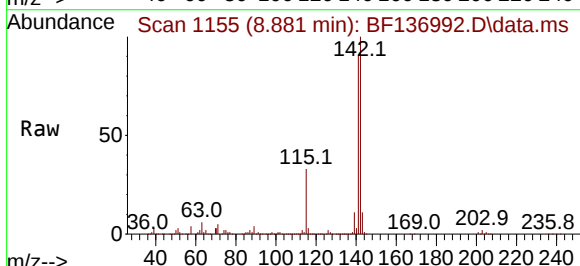
Acq: 08 Jan 2024 12:11

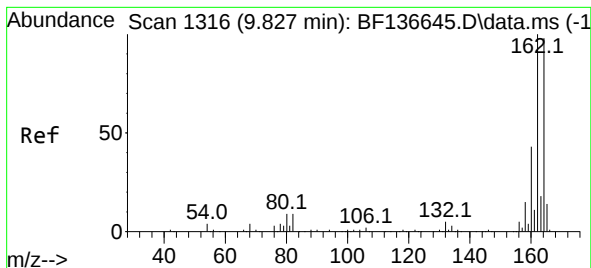
Tgt Ion:142 Resp: 488085

Ion Ratio Lower Upper

142 100

141 91.4 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.822 min Scan# 1115

Delta R.T. -0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

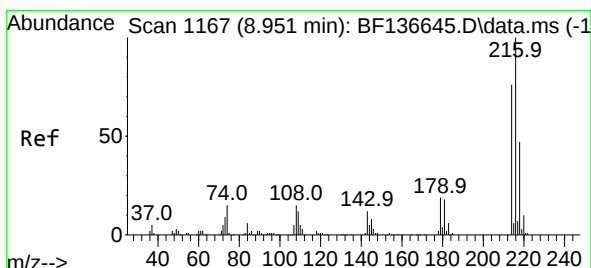
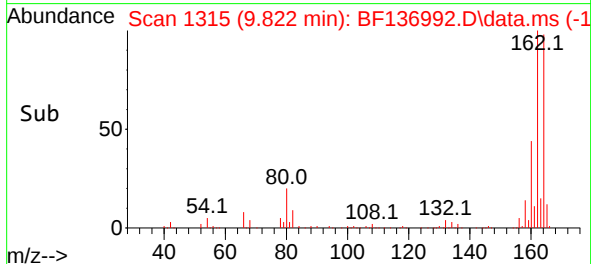
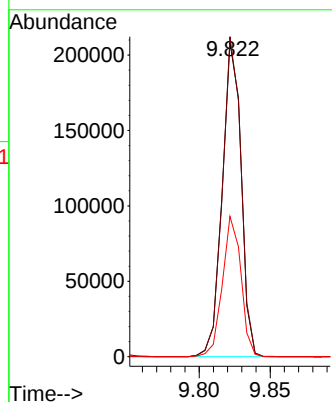
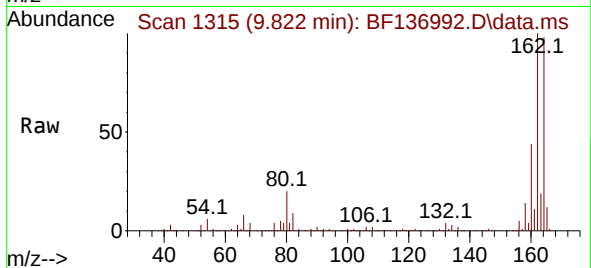
Tgt Ion:164 Resp: 192244

Ion Ratio Lower Upper

164 100

162 101.9 81.6 122.4

160 44.7 34.9 52.3



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.976 ng

RT: 8.945 min Scan# 1166

Delta R.T. -0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Tgt Ion:216 Resp: 243960

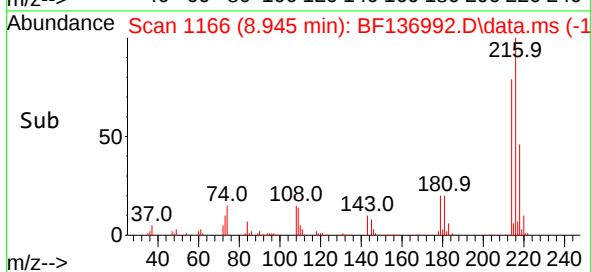
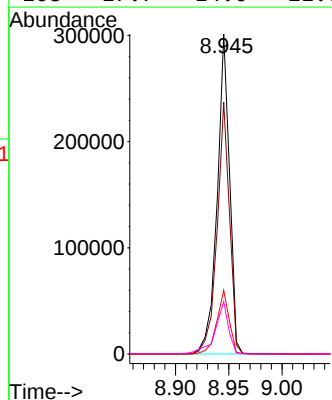
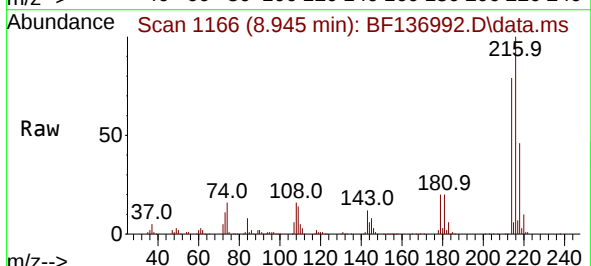
Ion Ratio Lower Upper

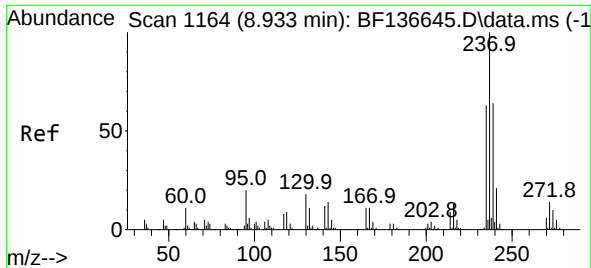
216 100

214 78.7 62.3 93.5

179 19.9 16.4 24.6

108 17.7 14.0 21.0

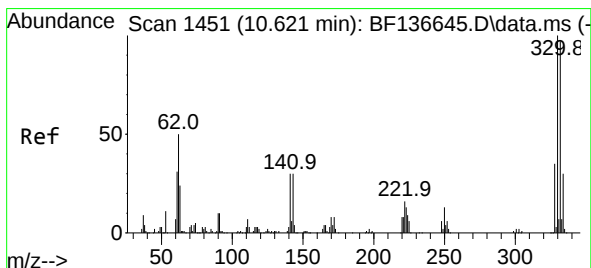
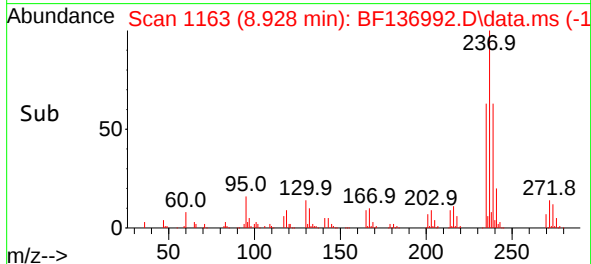
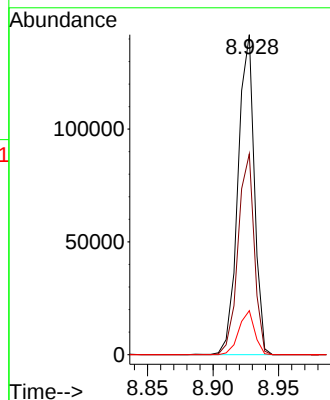
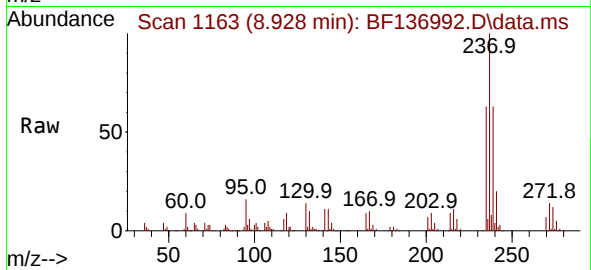




#41
Hexachlorocyclopentadiene
Concen: 65.933 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

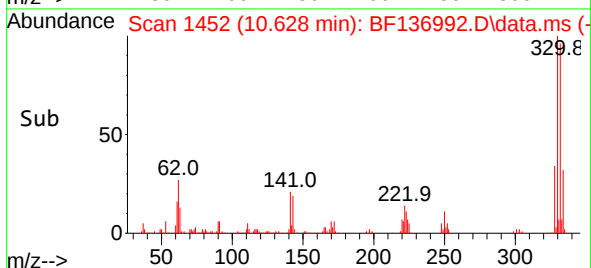
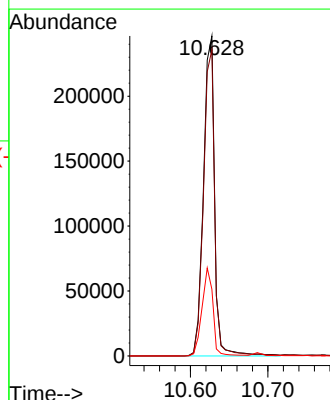
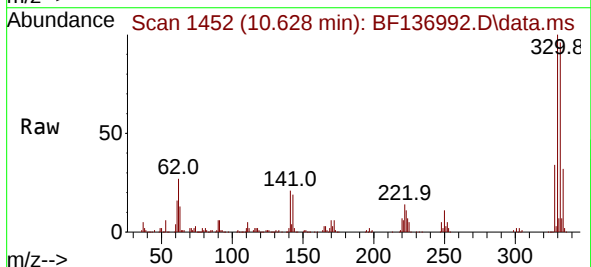
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

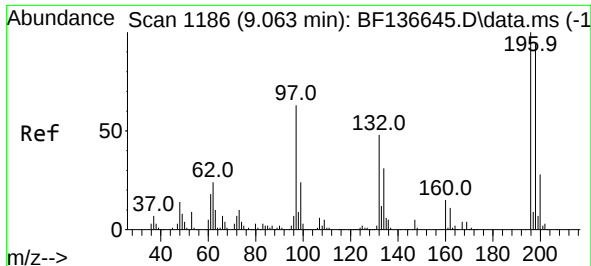
Tgt Ion:237 Resp: 123420
Ion Ratio Lower Upper
237 100
235 62.7 43.2 83.2
272 13.7 0.0 34.2



#42
2,4,6-Tribromophenol
Concen: 108.720 ng
RT: 10.628 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:330 Resp: 246153
Ion Ratio Lower Upper
330 100
332 95.8 77.4 116.0
141 26.9 23.4 35.2

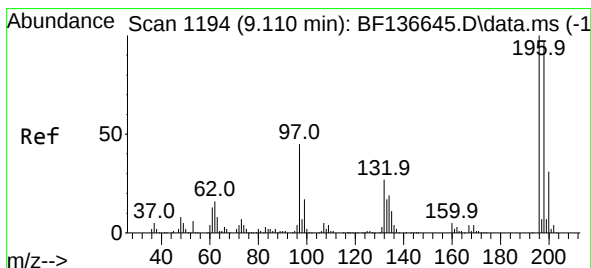
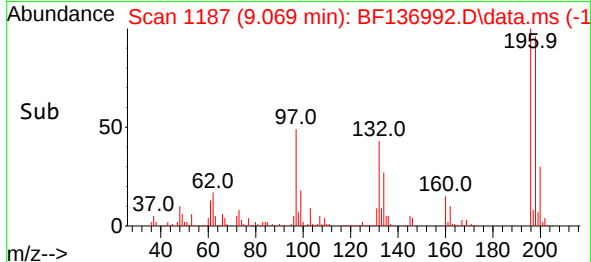
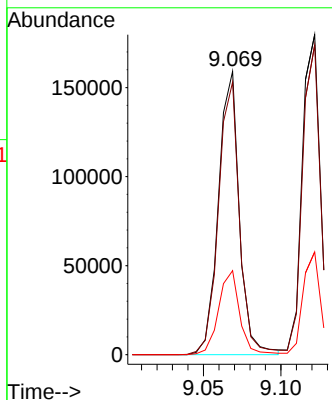
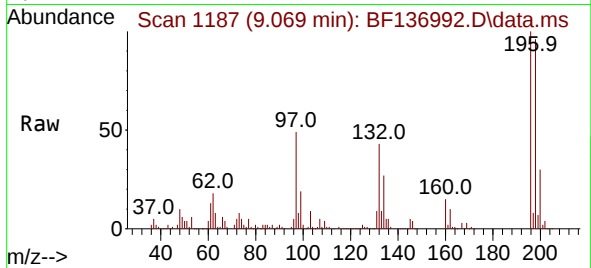




#43
2,4,6-Trichlorophenol
Concen: 39.170 ng
RT: 9.069 min Scan# 1186
Delta R.T. 0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

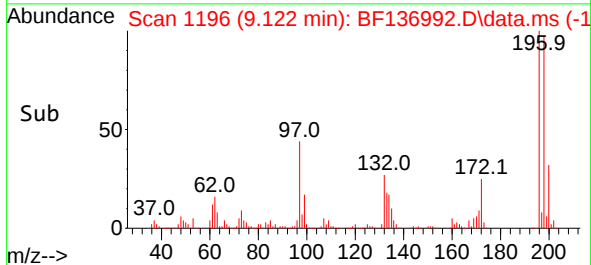
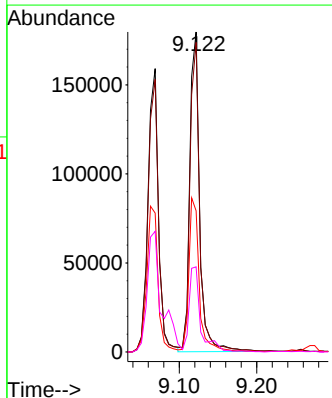
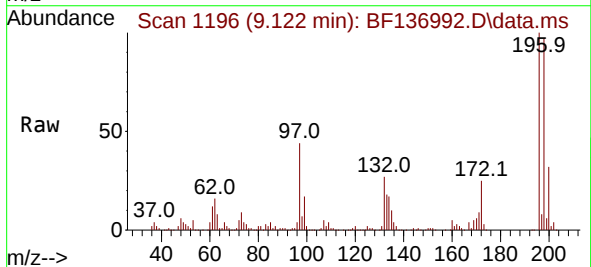
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

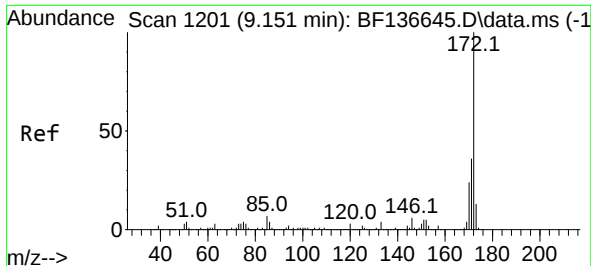
Tgt Ion:196 Resp: 149559
Ion Ratio Lower Upper
196 100
198 96.2 75.1 112.7
200 29.7 22.5 33.7



#44
2,4,5-Trichlorophenol
Concen: 37.455 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.012 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:196 Resp: 159365
Ion Ratio Lower Upper
196 100
198 96.8 77.0 115.6
97 44.1 36.1 54.1
132 26.6 21.8 32.6

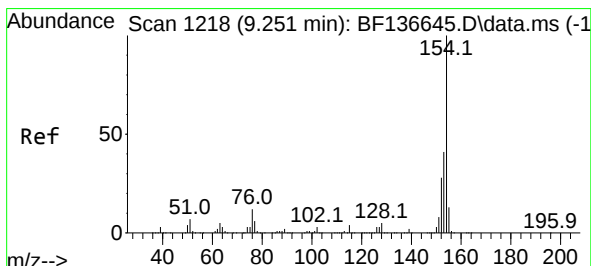
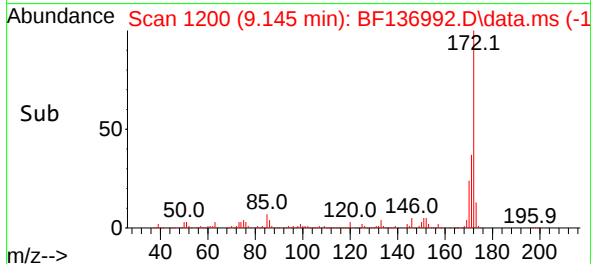
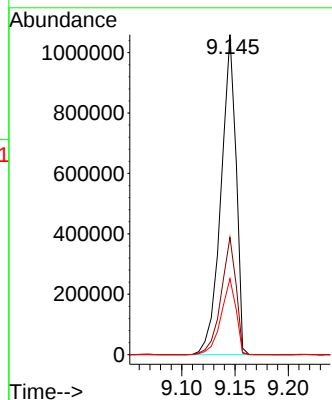
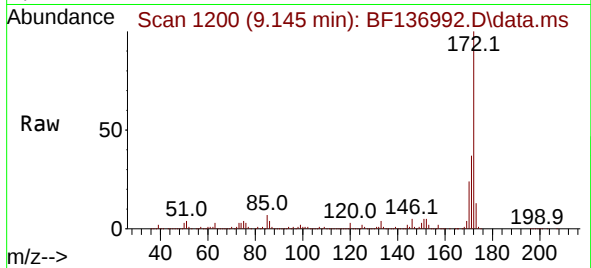




#45
2-Fluorobiphenyl
Concen: 72.477 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

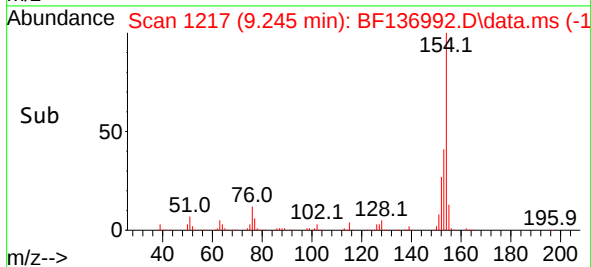
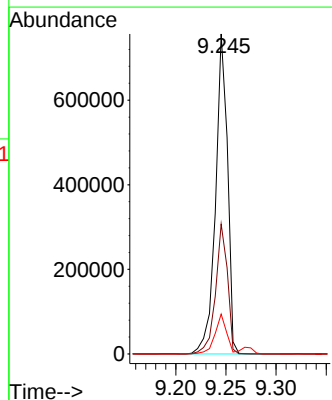
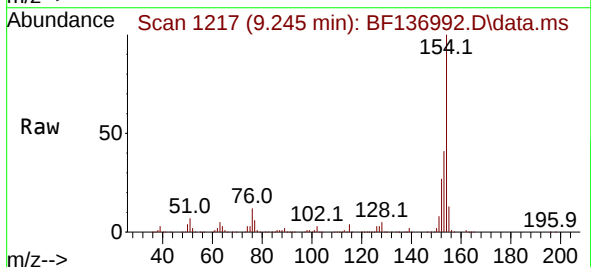
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

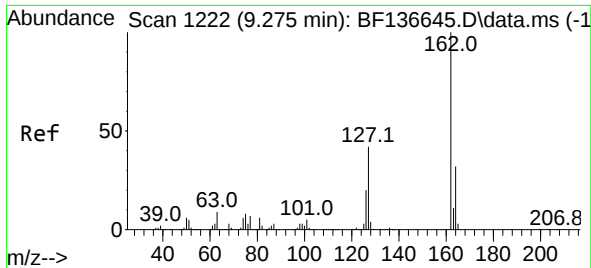
Tgt Ion:172 Resp: 1035944
Ion Ratio Lower Upper
172 100
171 36.7 29.0 43.6
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 38.943 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:154 Resp: 628230
Ion Ratio Lower Upper
154 100
153 40.6 21.1 61.1
76 12.5 0.0 31.7

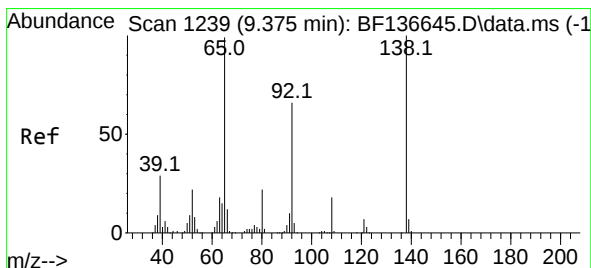
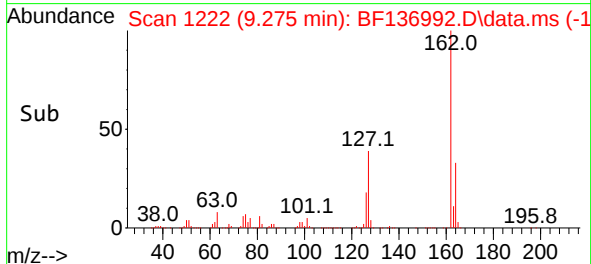
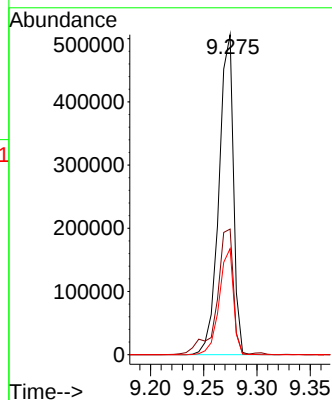
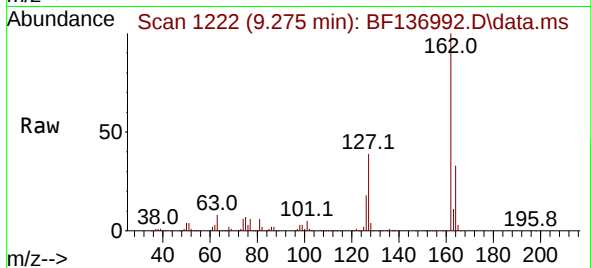




#47
2-Chloronaphthalene
Concen: 38.979 ng
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

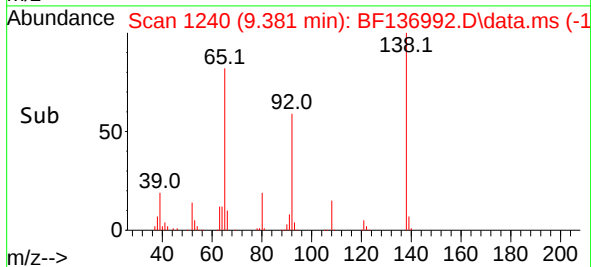
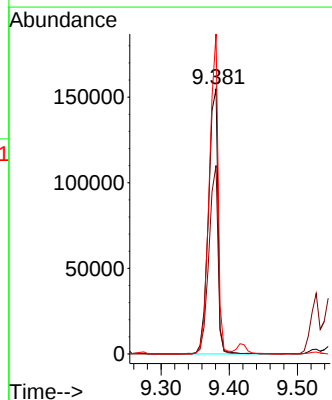
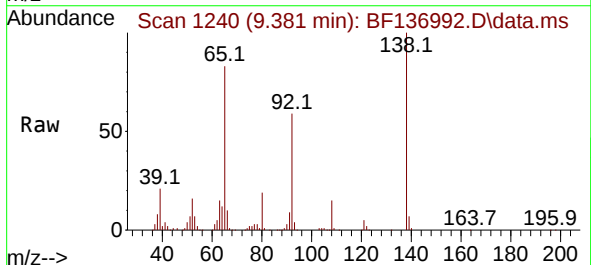
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

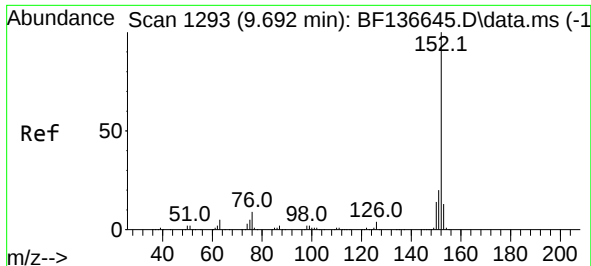
Tgt Ion:162 Resp: 478041
Ion Ratio Lower Upper
162 100
127 39.2 33.6 50.4
164 33.1 25.7 38.5



#48
2-Nitroaniline
Concen: 39.126 ng
RT: 9.381 min Scan# 1240
Delta R.T. 0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion: 65 Resp: 150261
Ion Ratio Lower Upper
65 100
92 71.1 53.2 79.8
138 120.8 81.1 121.7





#49

Acenaphthylene

Concen: 39.702 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

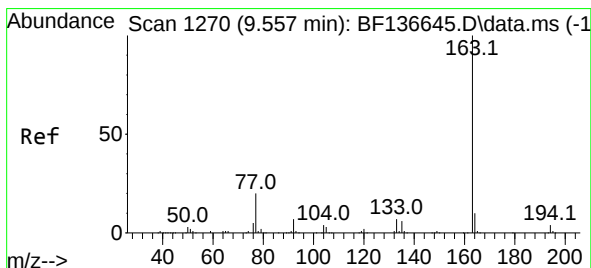
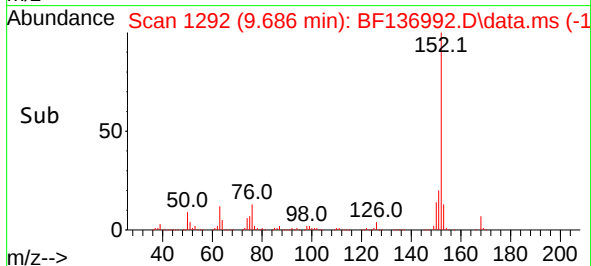
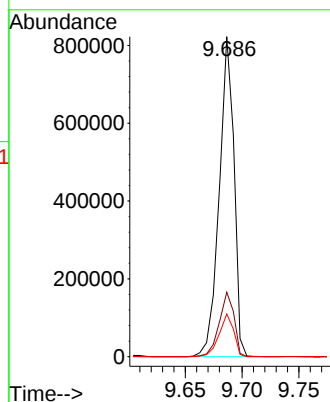
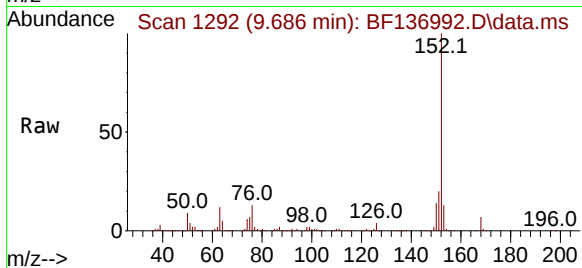
Tgt Ion:152 Resp: 744218

Ion Ratio Lower Upper

152 100

151 20.2 16.2 24.4

153 13.4 10.2 15.2



#50

Dimethylphthalate

Concen: 39.041 ng

RT: 9.551 min Scan# 1269

Delta R.T. -0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

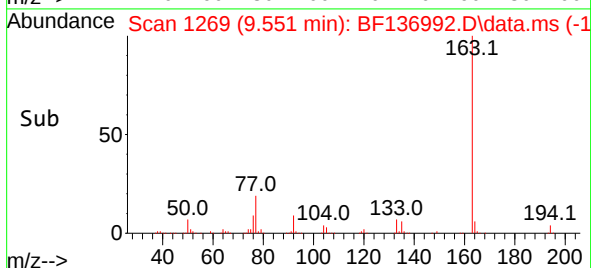
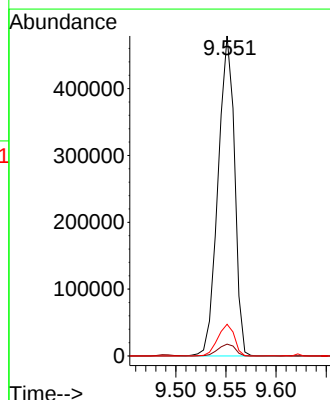
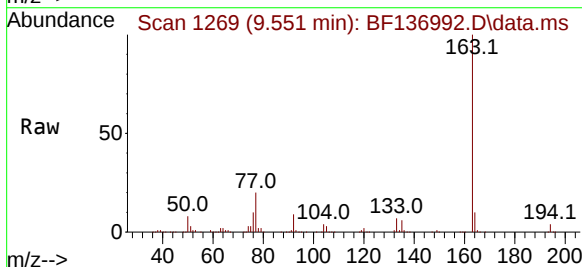
Tgt Ion:163 Resp: 548214

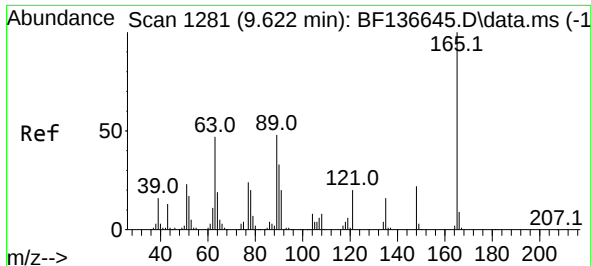
Ion Ratio Lower Upper

163 100

194 3.7 3.3 4.9

164 9.9 7.8 11.6

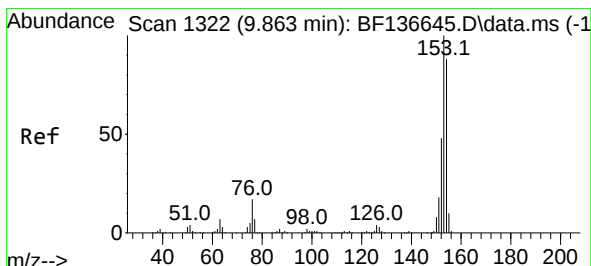
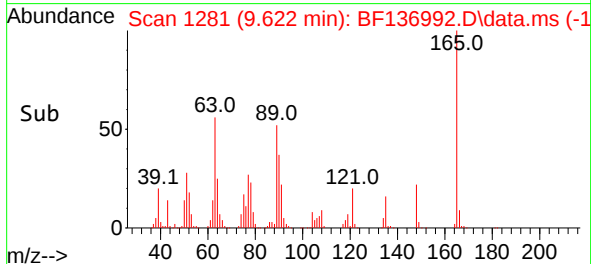
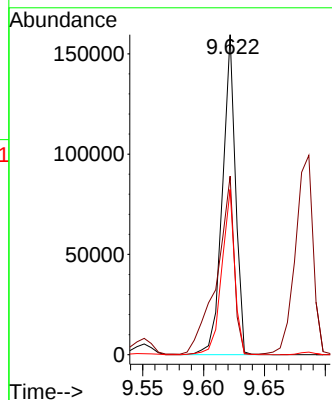
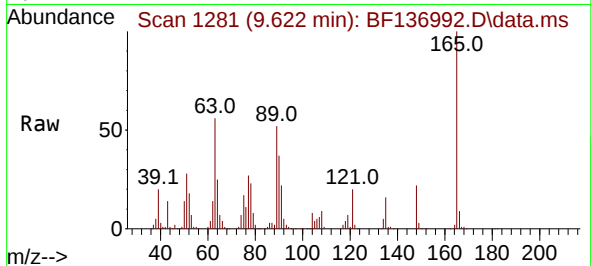




#51
2,6-Dinitrotoluene
Concen: 37.556 ng
RT: 9.622 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

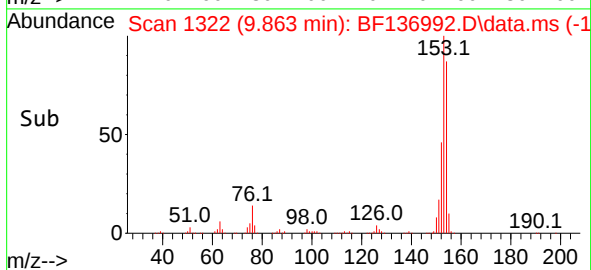
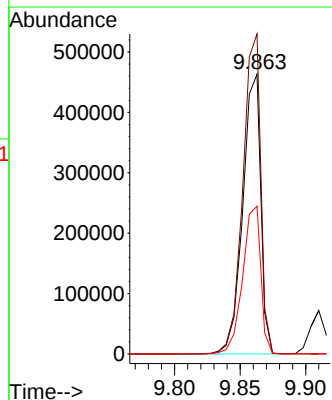
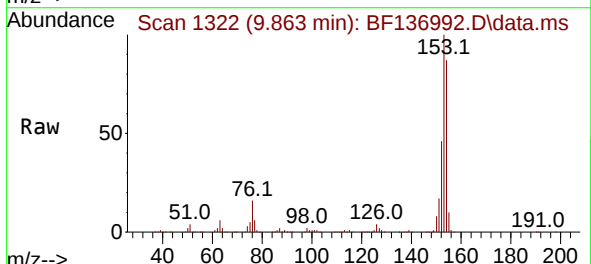
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

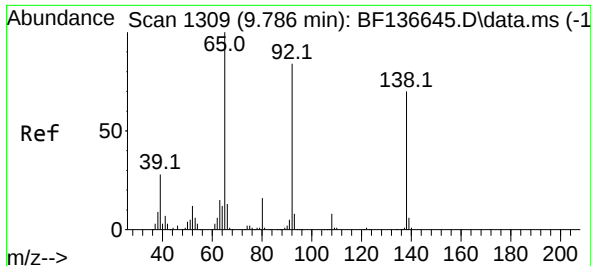
Tgt Ion:165 Resp: 119686
Ion Ratio Lower Upper
165 100
63 55.8 39.8 59.6
89 51.6 38.8 58.2



#52
Acenaphthene
Concen: 38.083 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:154 Resp: 442517
Ion Ratio Lower Upper
154 100
153 114.4 90.7 136.1
152 52.9 43.7 65.5

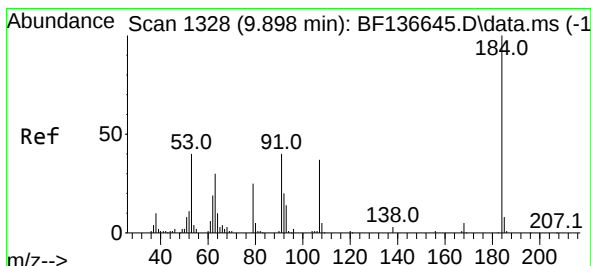
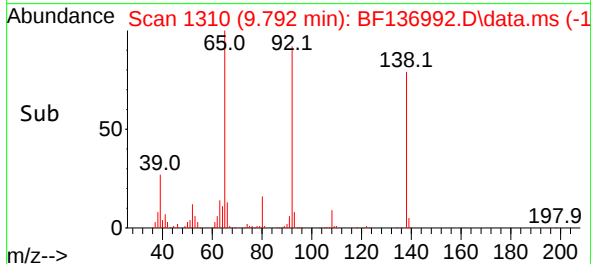
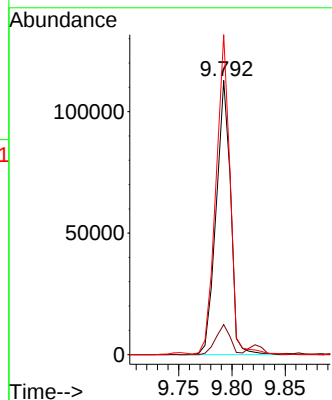
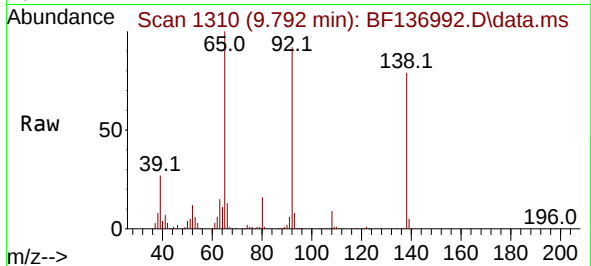




#53
3-Nitroaniline
Concen: 31.563 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

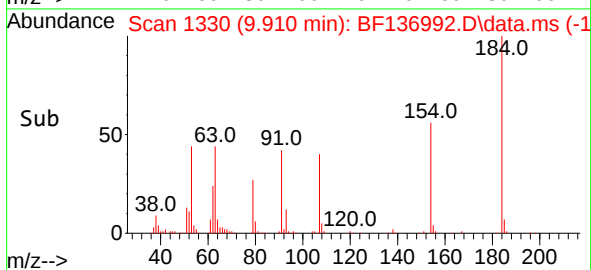
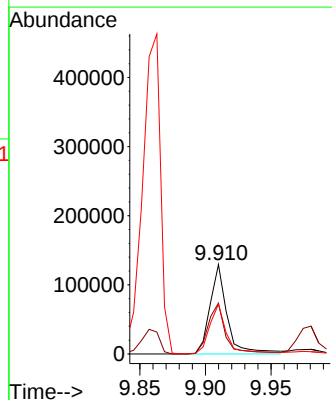
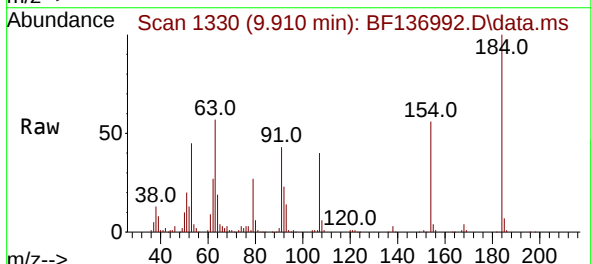
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

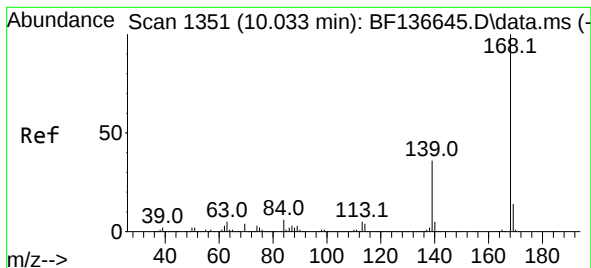
Tgt Ion:138 Resp: 106554
Ion Ratio Lower Upper
138 100
108 11.0 8.6 12.8
92 116.7 95.2 142.8



#54
2,4-Dinitrophenol
Concen: 67.543 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.012 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:184 Resp: 118218
Ion Ratio Lower Upper
184 100
63 56.8 40.9 61.3
154 55.6 42.7 64.1





#55

Dibenzenofuran

Concen: 37.154 ng

RT: 10.033 min Scan# 1351

Delta R.T. 0.000 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

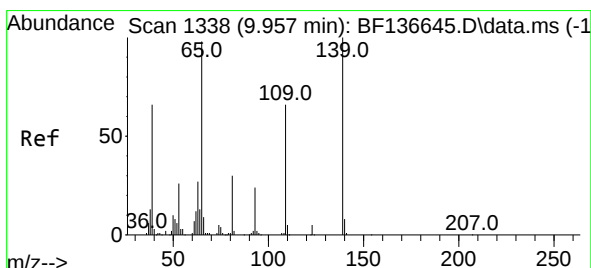
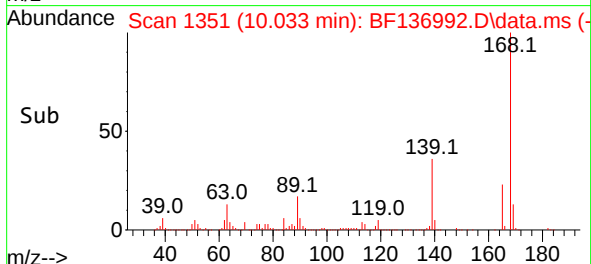
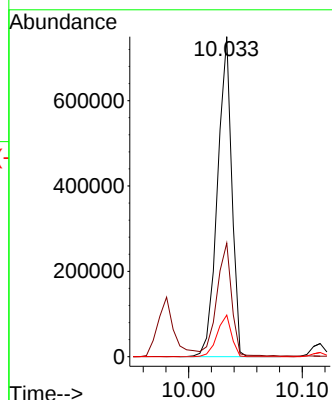
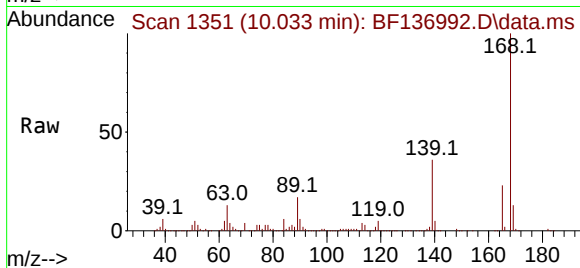
Tgt Ion:168 Resp: 654428

Ion Ratio Lower Upper

168 100

139 35.5 29.3 43.9

169 13.0 11.0 16.4



#56

4-Nitrophenol

Concen: 62.954 ng

RT: 9.980 min Scan# 1342

Delta R.T. 0.024 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

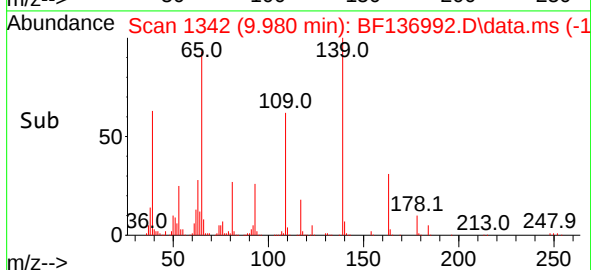
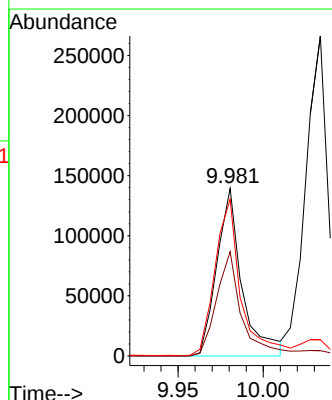
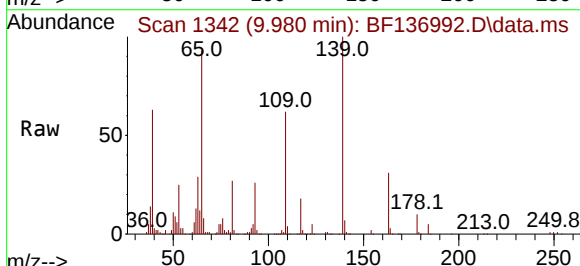
Tgt Ion:139 Resp: 143467

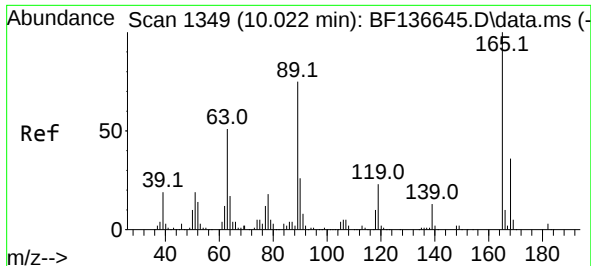
Ion Ratio Lower Upper

139 100

109 62.3 45.8 85.8

65 93.5 77.8 117.8

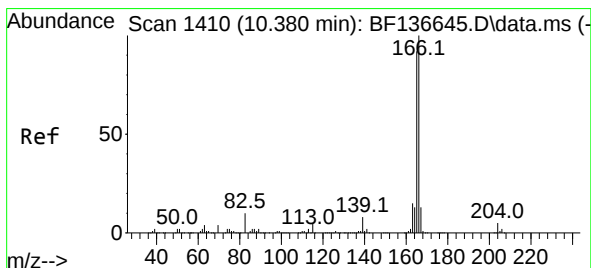
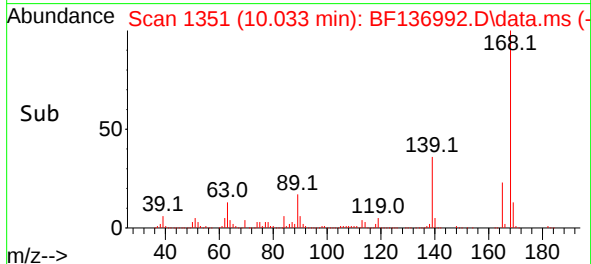
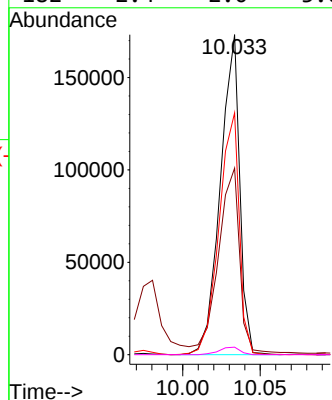
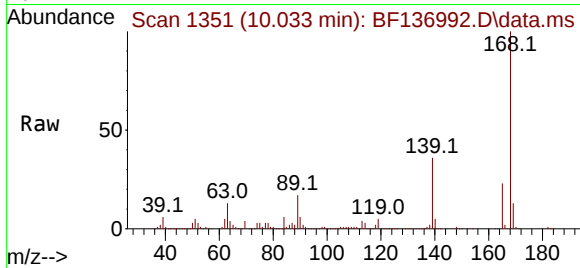




#57
2,4-Dinitrotoluene
Concen: 36.337 ng
RT: 10.033 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

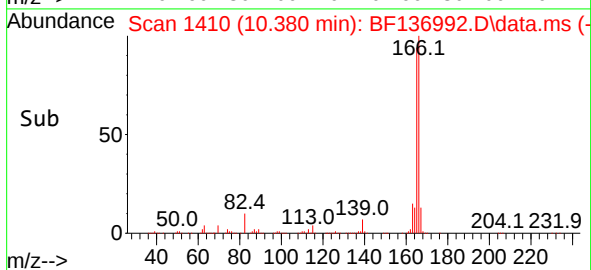
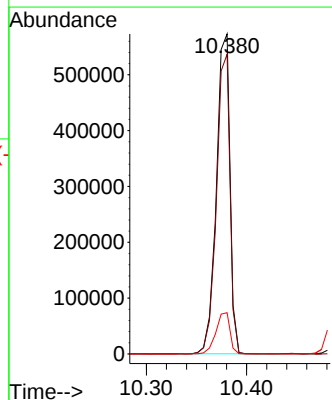
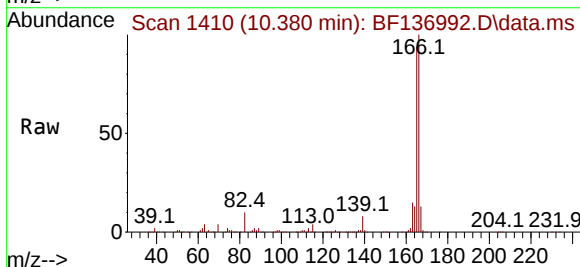
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

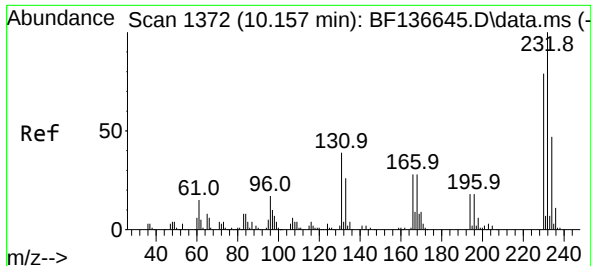
Tgt Ion:165 Resp: 150333
Ion Ratio Lower Upper
165 100
63 58.3 41.0 61.6
89 75.6 59.9 89.9
182 2.4 2.0 3.0



#58
Fluorene
Concen: 38.534 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:166 Resp: 538562
Ion Ratio Lower Upper
166 100
165 93.7 73.7 110.5
167 12.9 10.4 15.6

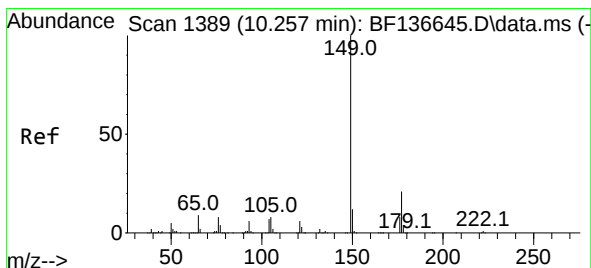
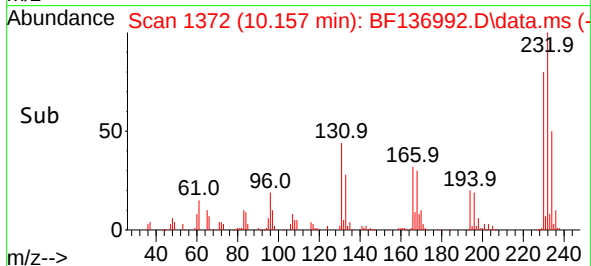
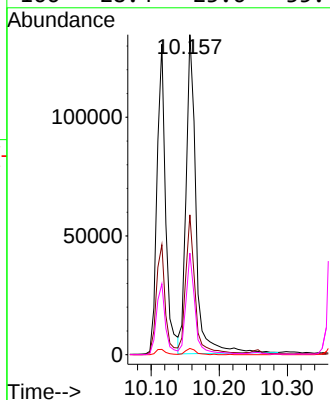
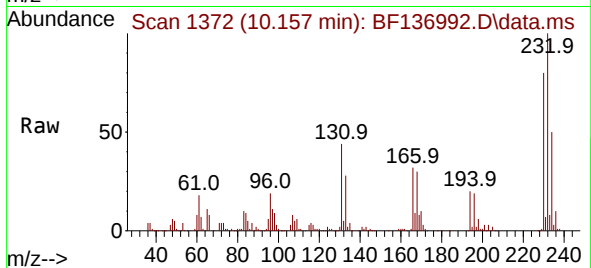




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.763 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

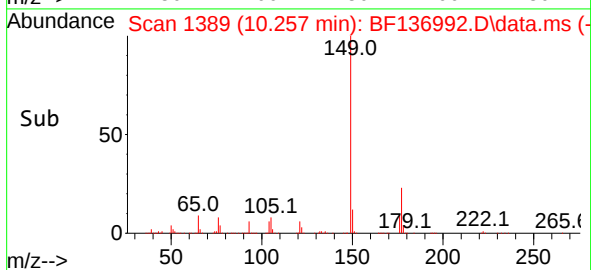
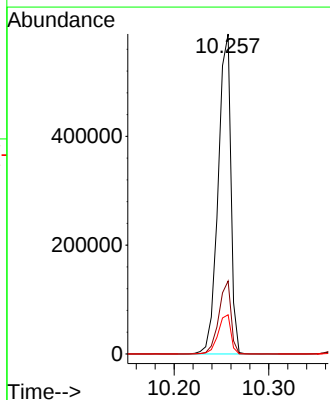
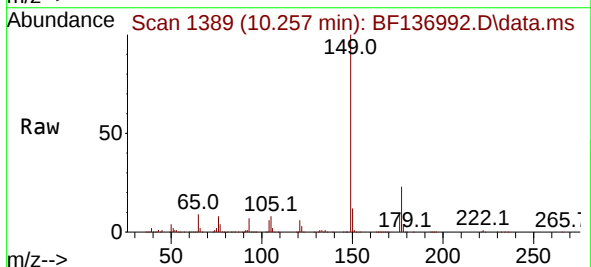
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

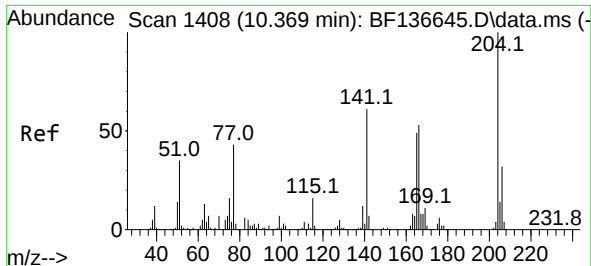
Tgt Ion:232 Resp: 133512
Ion Ratio Lower Upper
232 100
131 42.2 35.1 52.7
130 2.1 1.6 2.4
166 28.4 23.6 35.4



#60
Diethylphthalate
Concen: 37.628 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:149 Resp: 548214
Ion Ratio Lower Upper
149 100
177 22.8 16.9 25.3
150 12.3 9.3 13.9

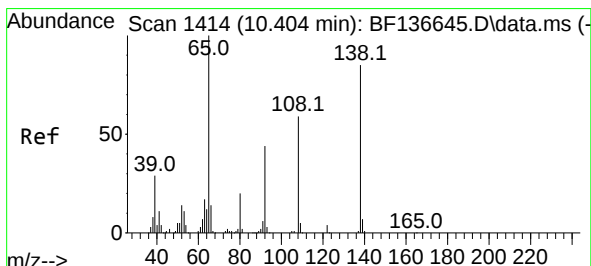
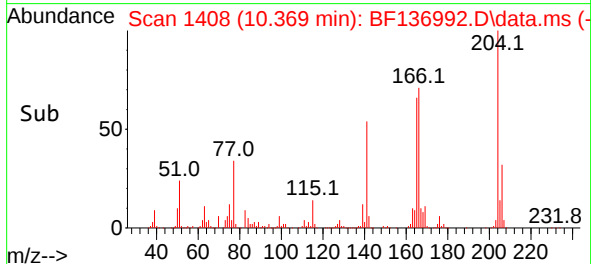
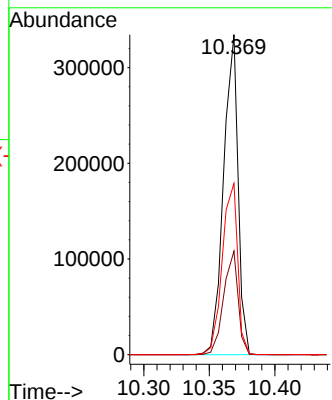
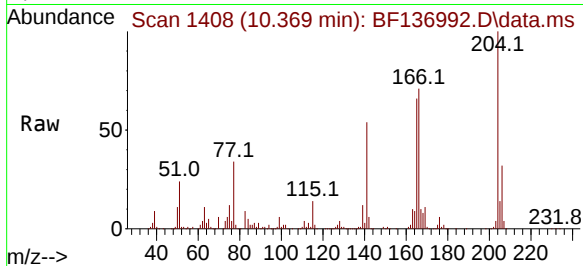




#61
4-Chlorophenyl-phenylether
Concen: 37.725 ng
RT: 10.369 min Scan# 1408
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

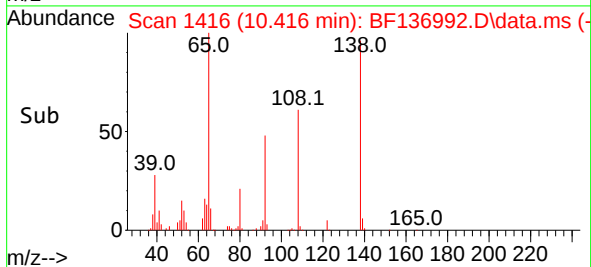
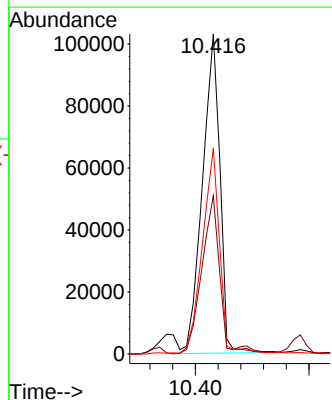
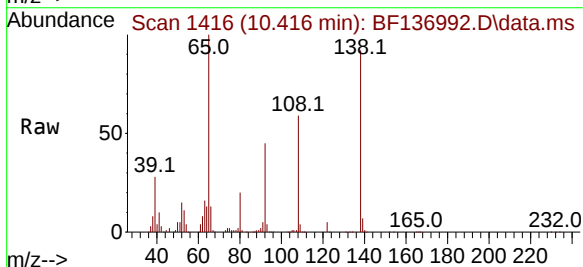
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

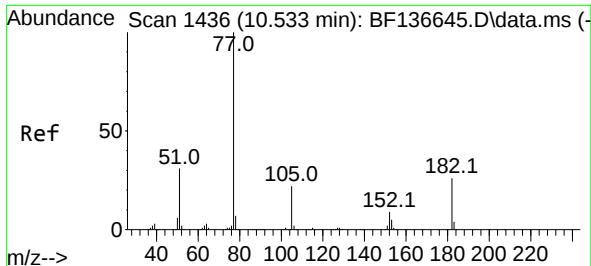
Tgt Ion:204 Resp: 256277
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 53.5 48.4 72.6



#62
4-Nitroaniline
Concen: 33.709 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.012 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:138 Resp: 109701
Ion Ratio Lower Upper
138 100
92 49.4 32.1 72.1
108 64.4 50.1 90.1

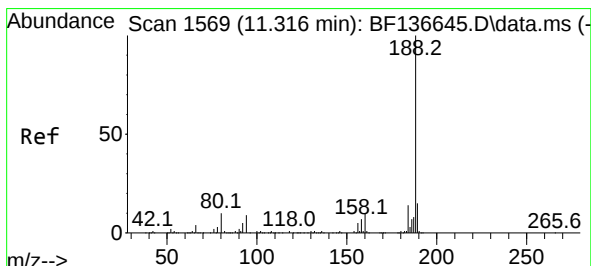
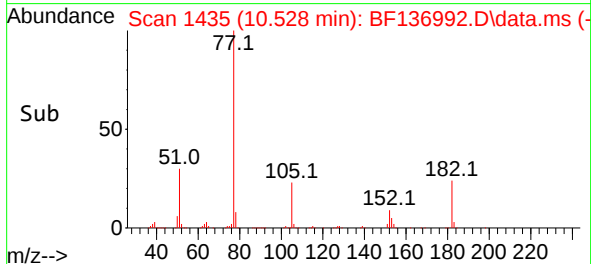
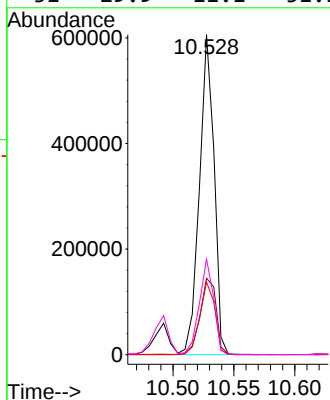
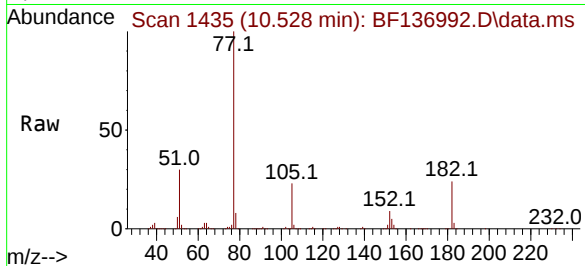




#63
Azobenzene
Concen: 37.126 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

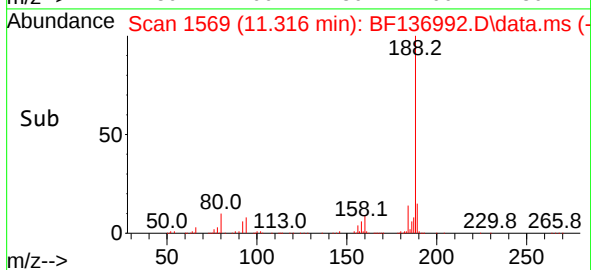
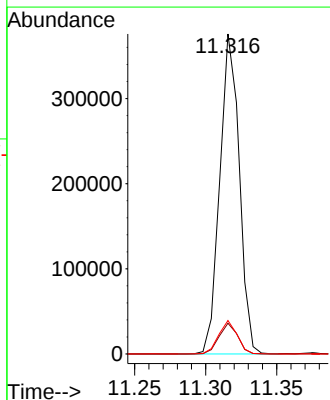
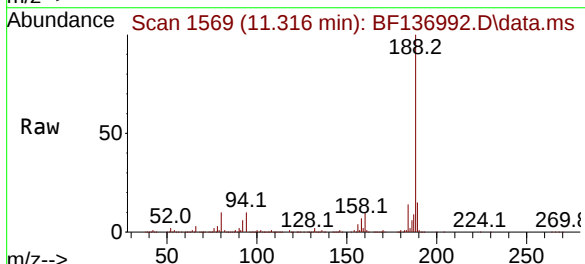
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

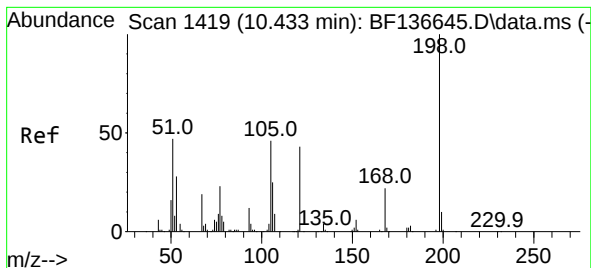
Tgt Ion: 77	Resp: 505205
Ion Ratio	Lower Upper
77 100	
182 23.9	6.0 46.0
105 22.7	2.3 42.3
51 29.9	11.1 51.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion: 188	Resp: 357720
Ion Ratio	Lower Upper
188 100	
94 9.6	7.5 11.3
80 10.4	8.1 12.1

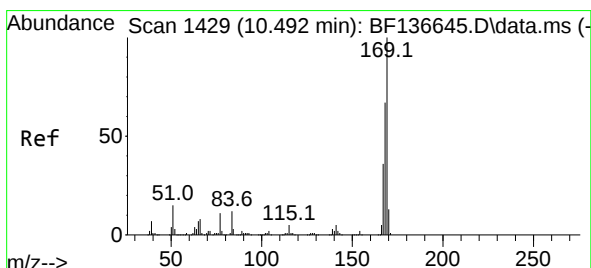
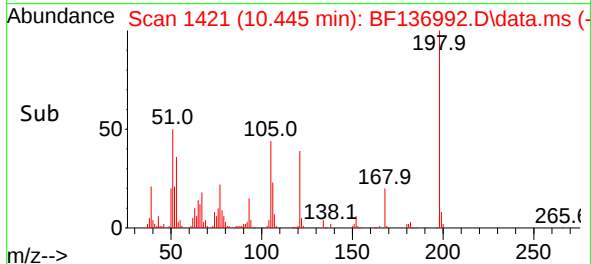
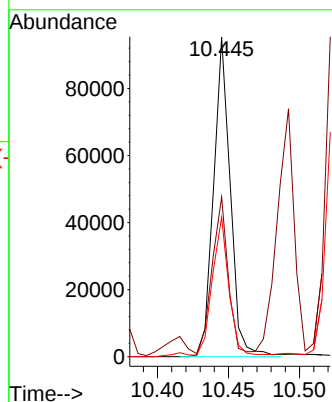
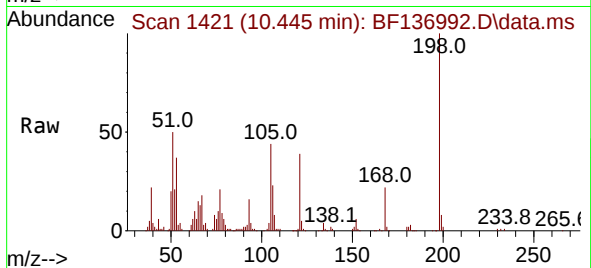




#65
4,6-Dinitro-2-methylphenol
Concen: 38.271 ng
RT: 10.445 min Scan# 1419
Delta R.T. 0.012 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

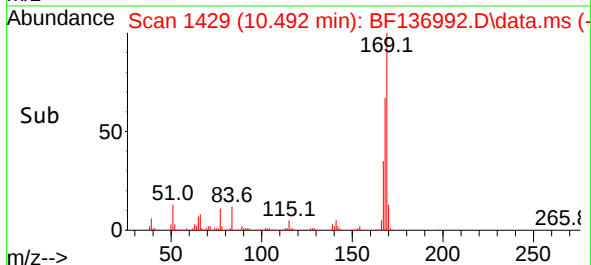
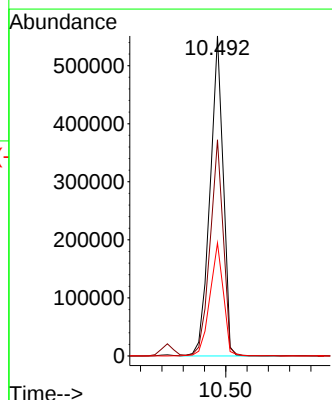
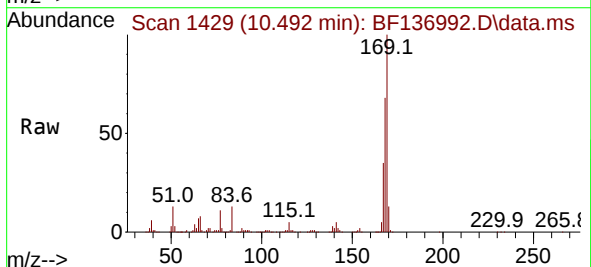
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

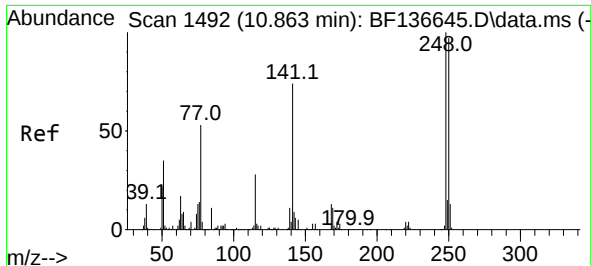
Tgt Ion:198 Resp: 78459
Ion Ratio Lower Upper
198 100
51 50.0 34.1 74.1
105 43.6 27.3 67.3



#66
n-Nitrosodiphenylamine
Concen: 40.831 ng
RT: 10.492 min Scan# 1429
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:169 Resp: 474471
Ion Ratio Lower Upper
169 100
168 67.5 53.8 80.6
167 35.3 28.7 43.1

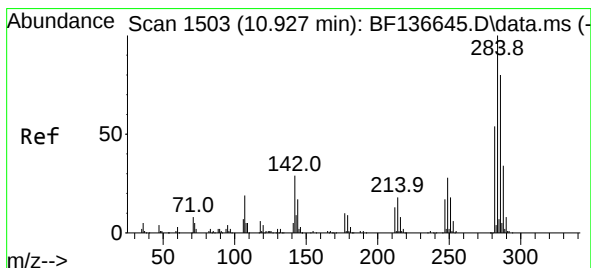
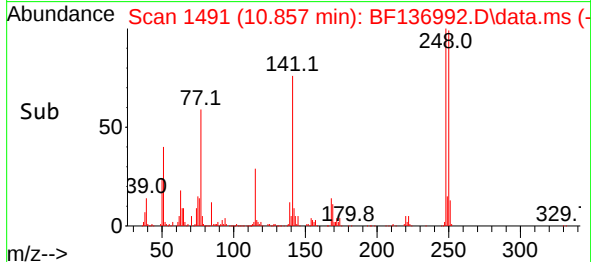
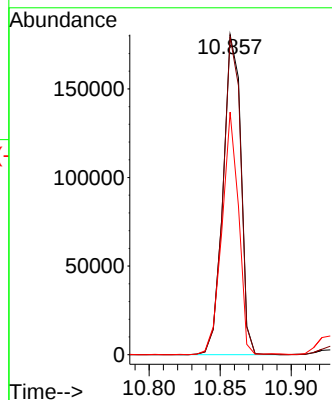
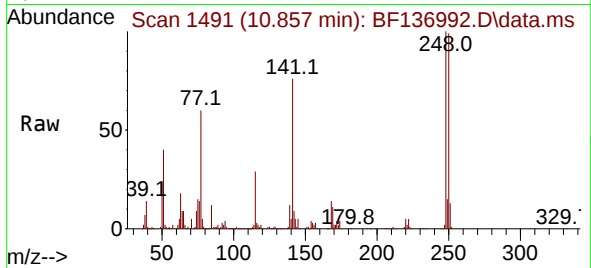




#67
4-Bromophenyl-phenylether
Concen: 39.637 ng
RT: 10.857 min Scan# 1491
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

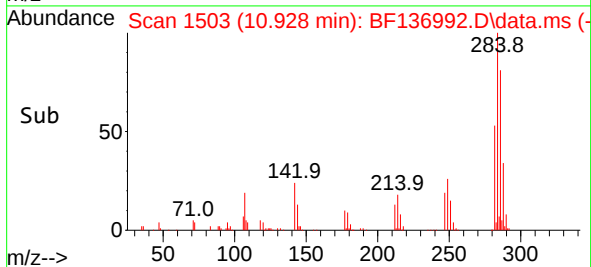
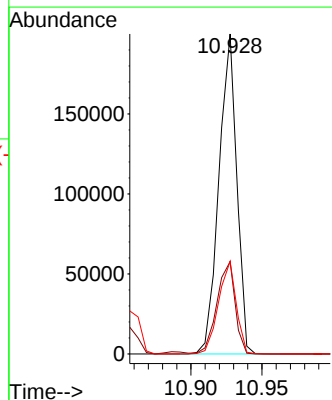
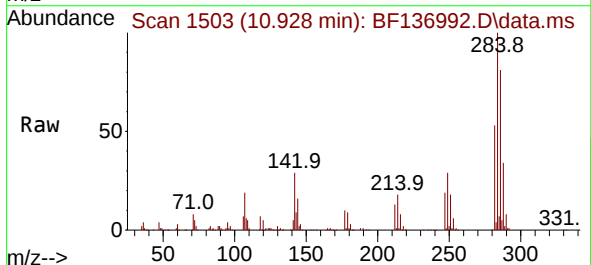
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

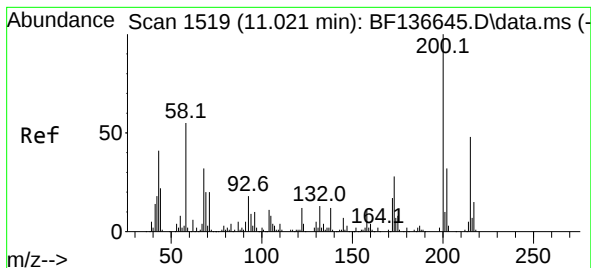
Tgt Ion:248 Resp: 157466
Ion Ratio Lower Upper
248 100
250 99.3 77.8 116.6
141 75.8 59.2 88.8



#68
Hexachlorobenzene
Concen: 39.331 ng
RT: 10.928 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:284 Resp: 174129
Ion Ratio Lower Upper
284 100
142 28.9 23.4 35.0
249 28.9 22.3 33.5





#69

Atrazine

Concen: 39.181 ng

RT: 11.027 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

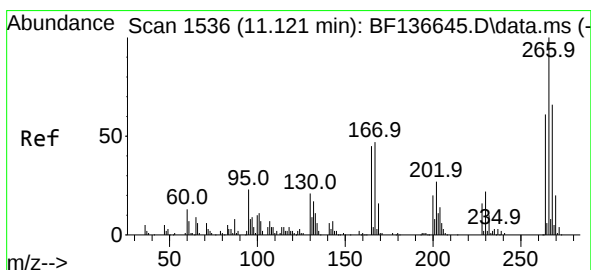
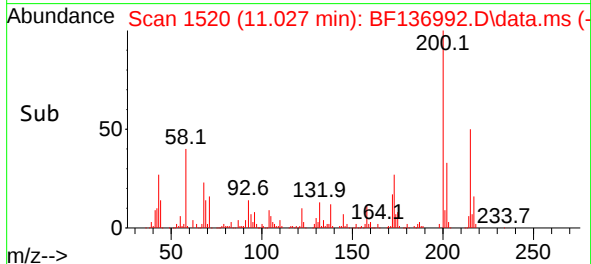
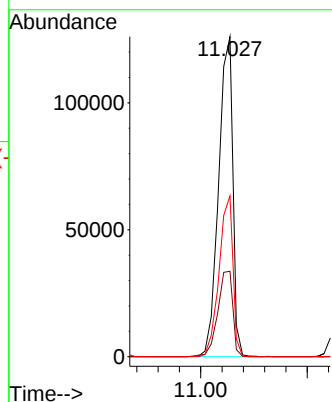
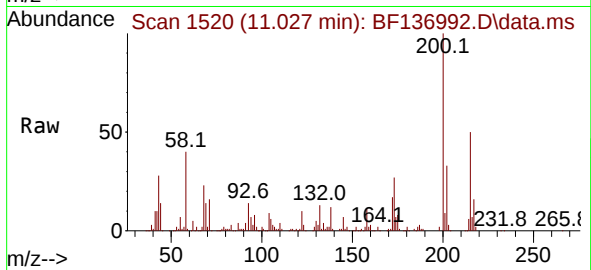
Tgt Ion:200 Resp: 116453

Ion Ratio Lower Upper

200 100

173 26.7 7.6 47.6

215 50.3 28.3 68.3



#70

Pentachlorophenol

Concen: 59.076 ng

RT: 11.127 min Scan# 1537

Delta R.T. 0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

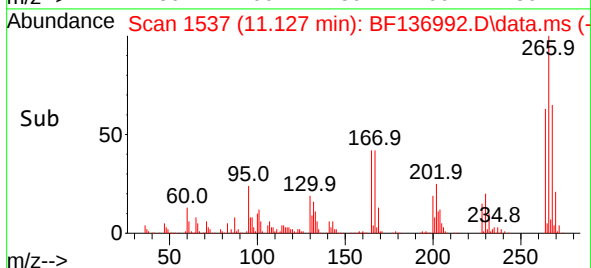
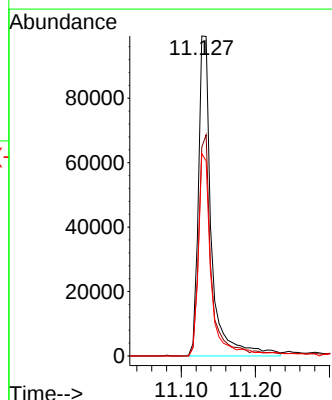
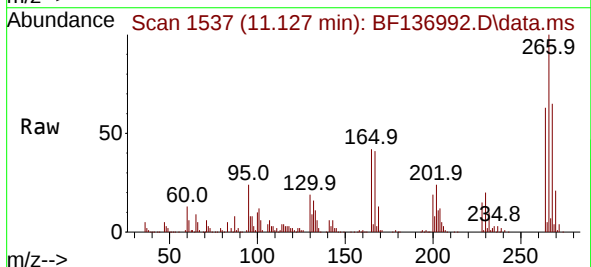
Tgt Ion:266 Resp: 121909

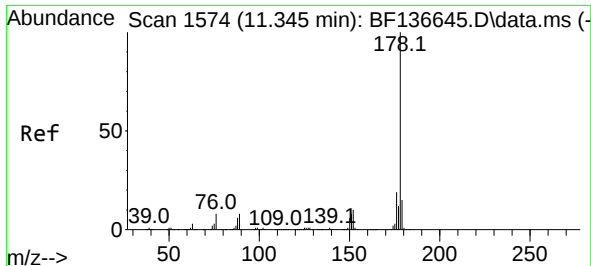
Ion Ratio Lower Upper

266 100

268 65.3 52.6 78.8

264 63.2 49.0 73.4

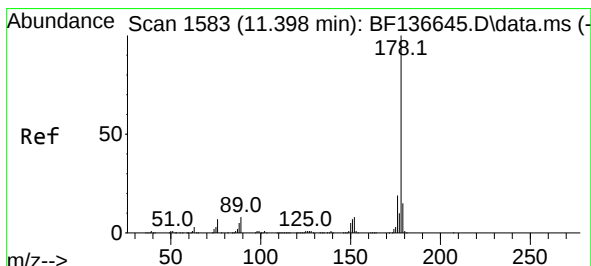
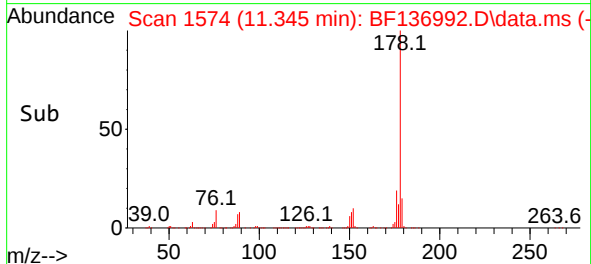
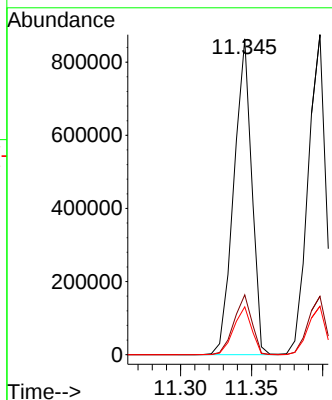
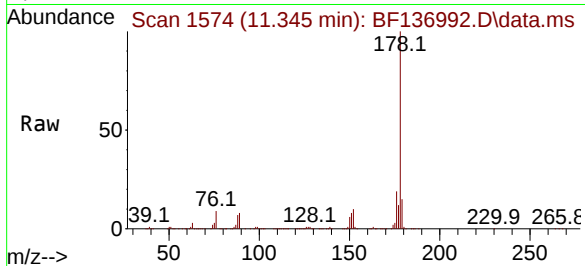




#71
Phenanthrene
Concen: 41.112 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

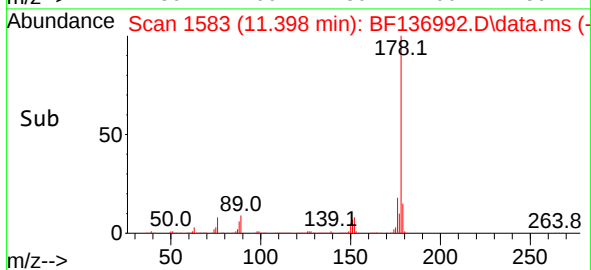
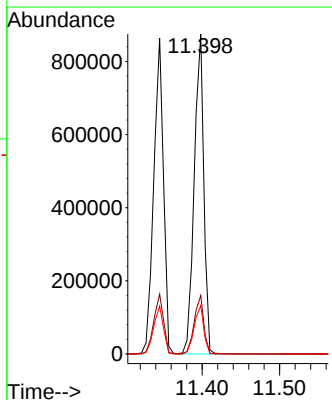
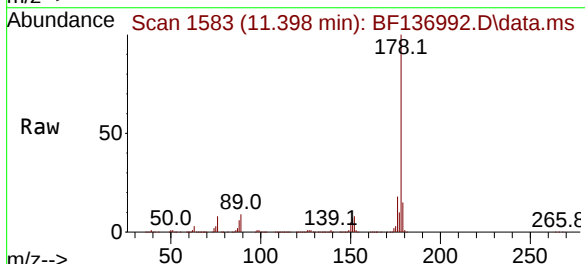
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

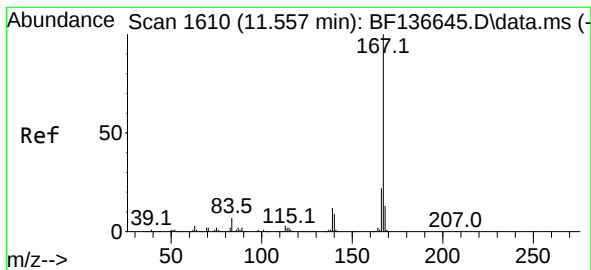
Tgt Ion:178 Resp: 754604
Ion Ratio Lower Upper
178 100
176 19.0 15.3 22.9
179 15.1 11.9 17.9



#72
Anthracene
Concen: 40.497 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:178 Resp: 752777
Ion Ratio Lower Upper
178 100
176 18.2 14.9 22.3
179 15.2 11.8 17.6





#73

Carbazole

Concen: 38.617 ng

RT: 11.557 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

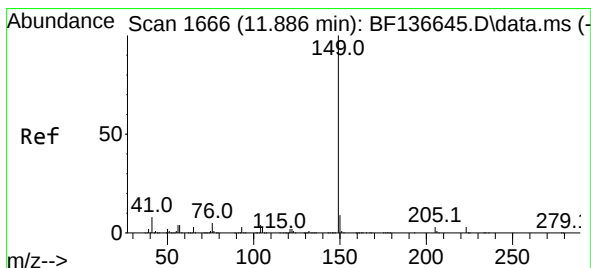
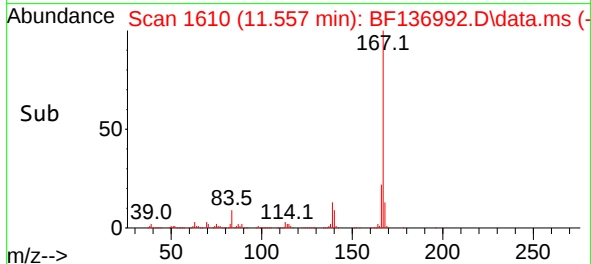
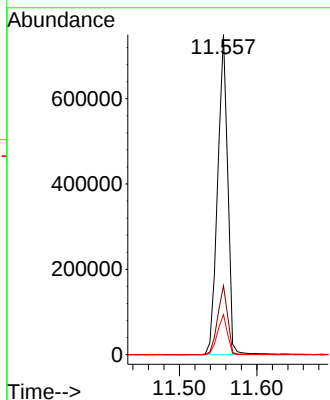
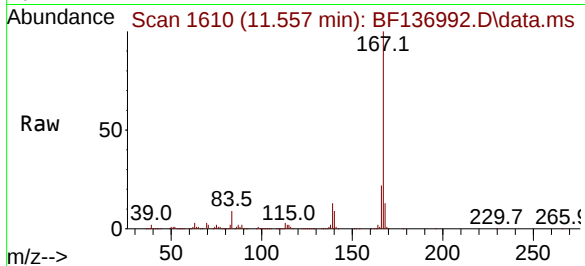
Tgt Ion:167 Resp: 676783

Ion Ratio Lower Upper

167 100

166 21.5 17.3 25.9

139 12.6 9.8 14.6



#74

Di-n-butylphthalate

Concen: 40.670 ng

RT: 11.880 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

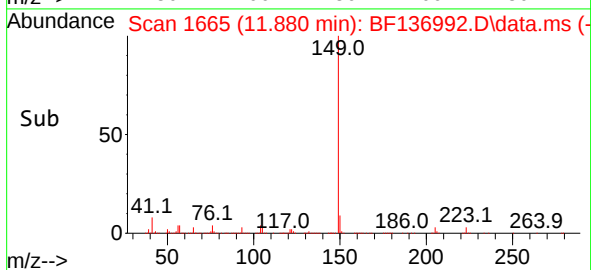
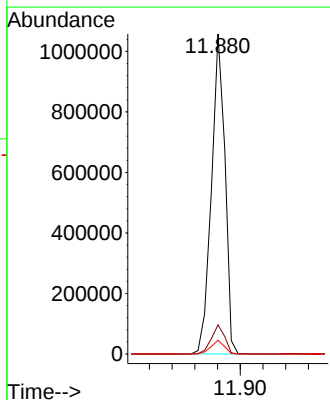
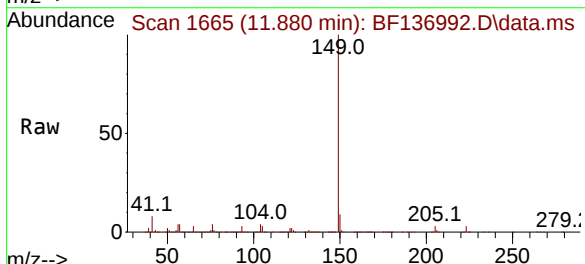
Tgt Ion:149 Resp: 869753

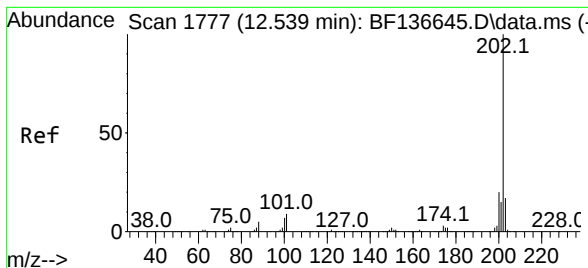
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 4.3 3.6 5.4





#75

Fluoranthene

Concen: 38.369 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

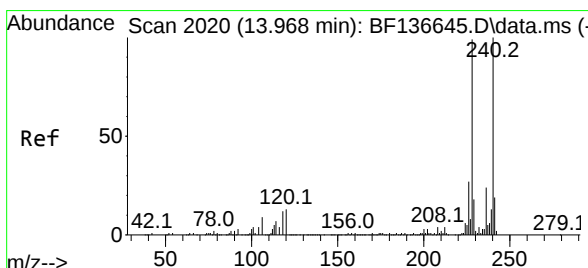
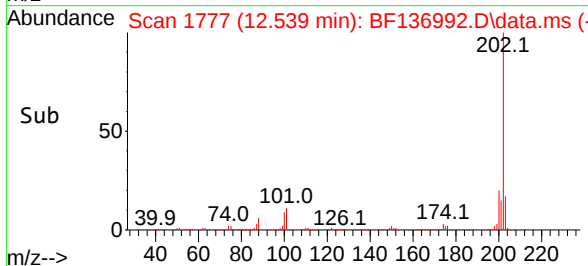
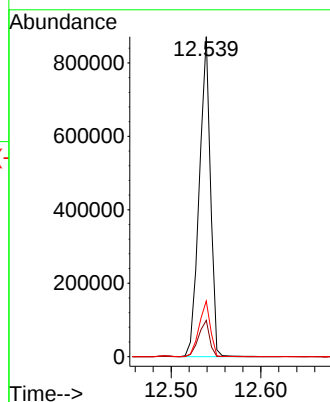
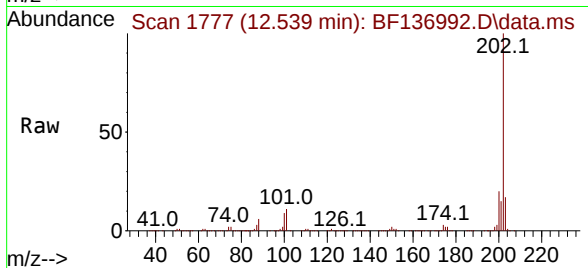
Tgt Ion:202 Resp: 753306

Ion Ratio Lower Upper

202 100

101 11.4 0.0 29.3

203 17.4 0.0 37.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.974 min Scan# 2021

Delta R.T. 0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

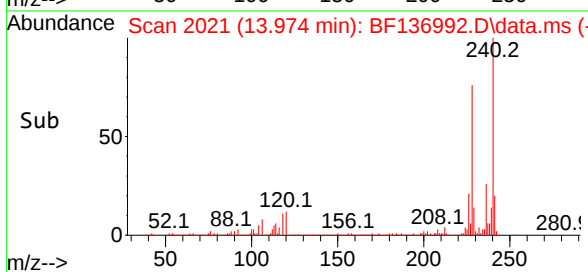
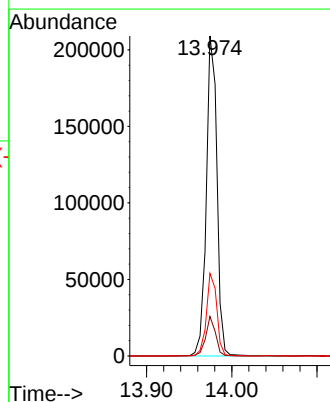
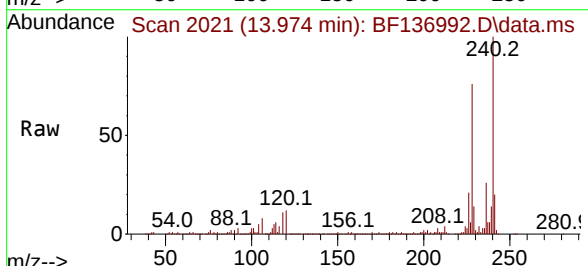
Tgt Ion:240 Resp: 180857

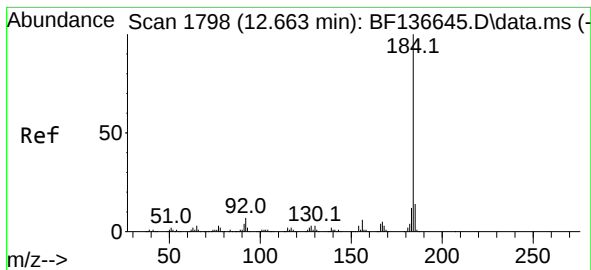
Ion Ratio Lower Upper

240 100

120 12.4 10.3 15.5

236 25.8 19.4 29.2





#77

Benzidine

Concen: 4.735 ng

RT: 12.663 min Scan# 1798

Delta R.T. 0.000 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

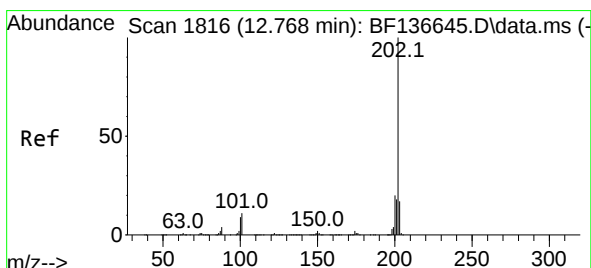
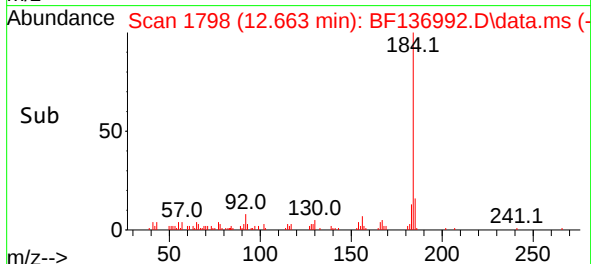
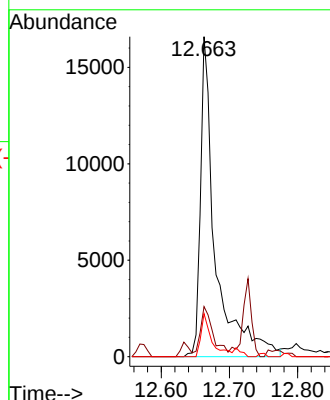
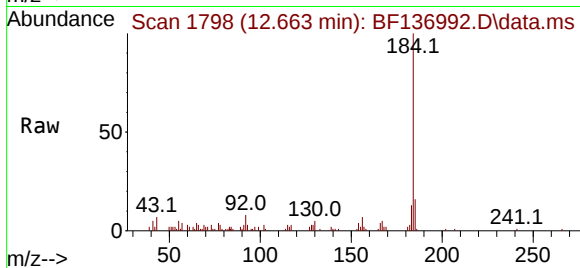
Tgt Ion:184 Resp: 25249

Ion Ratio Lower Upper

184 100

185 15.6 11.2 16.8

183 13.4 9.3 13.9



#78

Pyrene

Concen: 42.391 ng

RT: 12.769 min Scan# 1816

Delta R.T. 0.000 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

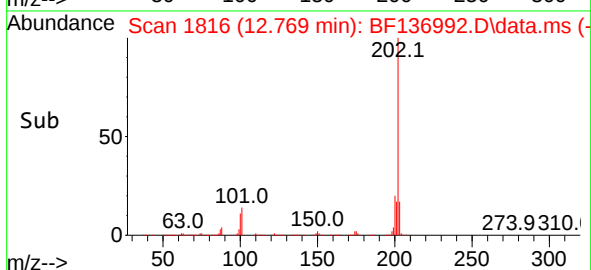
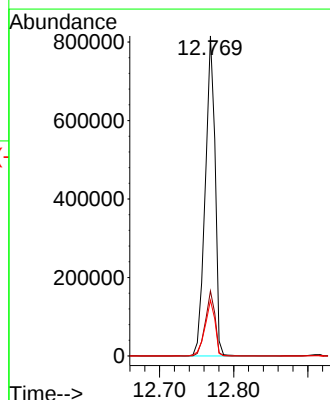
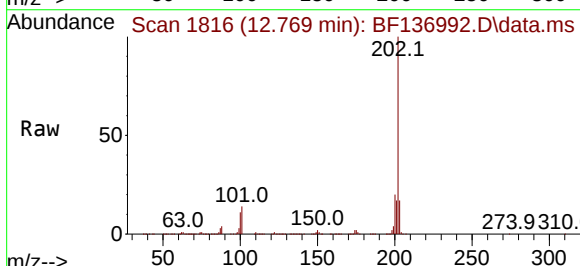
Tgt Ion:202 Resp: 752624

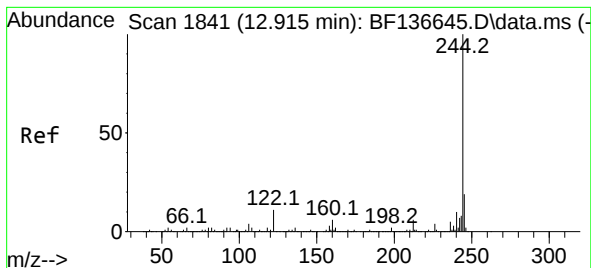
Ion Ratio Lower Upper

202 100

200 20.3 15.9 23.9

203 17.4 13.8 20.6





#79

Terphenyl-d14

Concen: 81.659 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

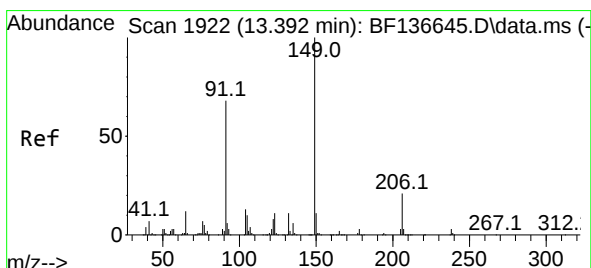
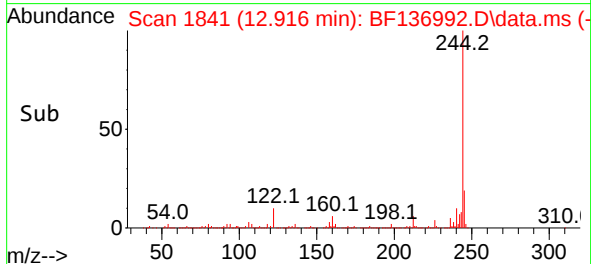
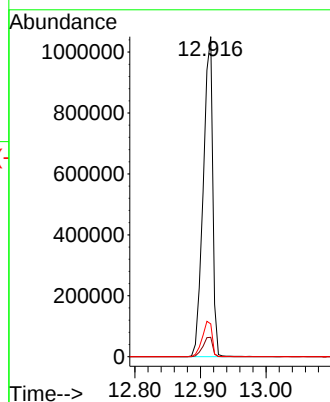
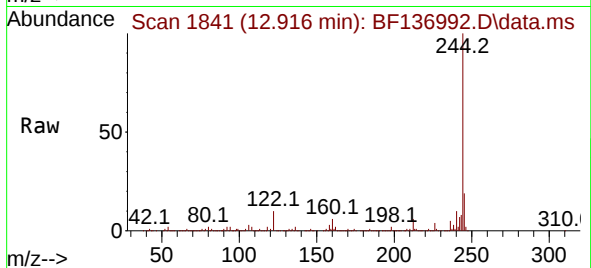
Tgt Ion:244 Resp: 1056810

Ion Ratio Lower Upper

244 100

212 6.1 5.0 7.4

122 10.3 9.0 13.4



#80

Butylbenzylphthalate

Concen: 46.142 ng

RT: 13.386 min Scan# 1921

Delta R.T. -0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

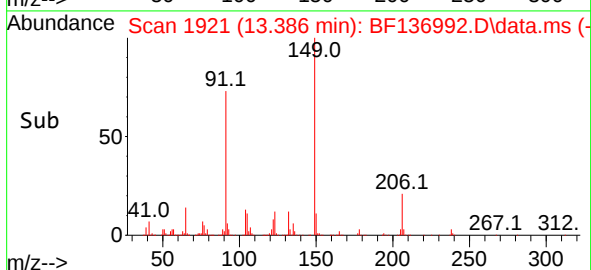
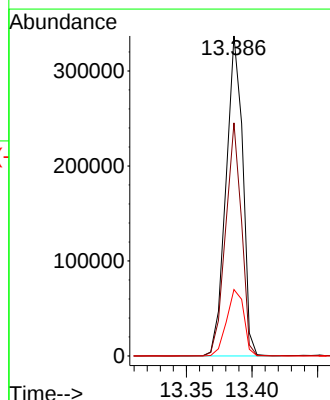
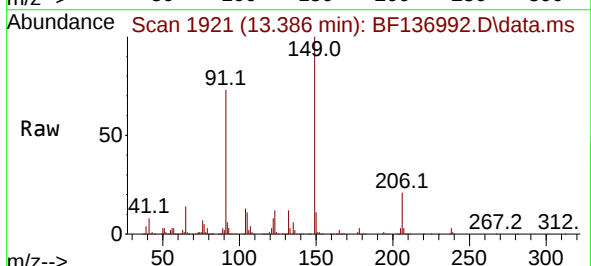
Tgt Ion:149 Resp: 298089

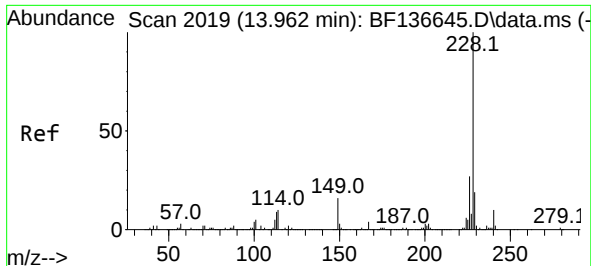
Ion Ratio Lower Upper

149 100

91 72.9 54.1 81.1

206 20.7 17.1 25.7

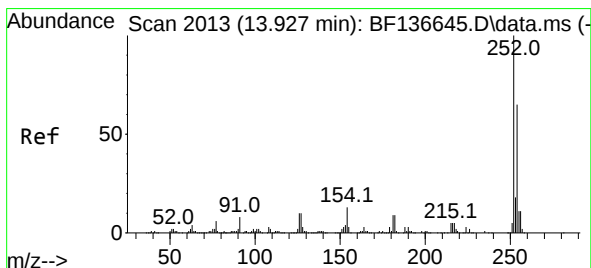
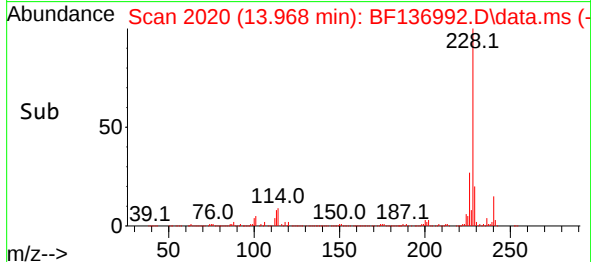
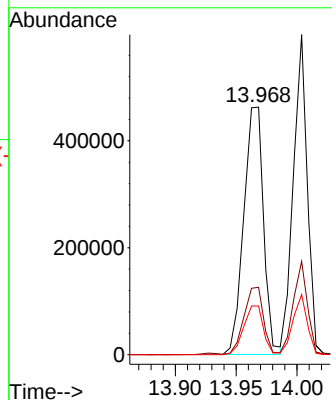
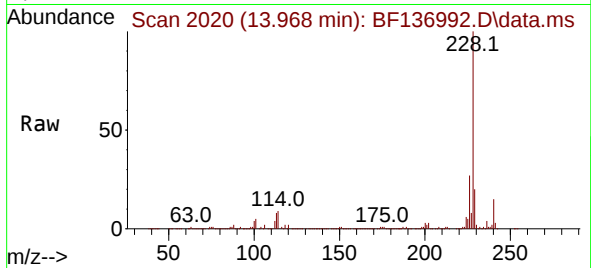




#81
Benzo(a)anthracene
Concen: 41.894 ng
RT: 13.968 min Scan# 2019
Delta R.T. 0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

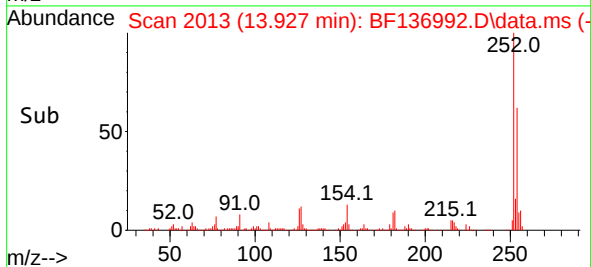
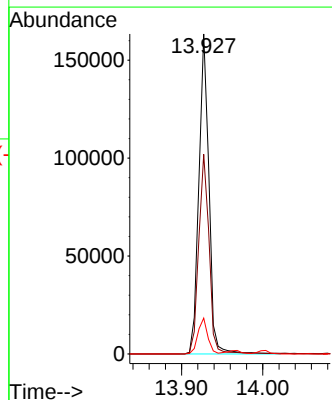
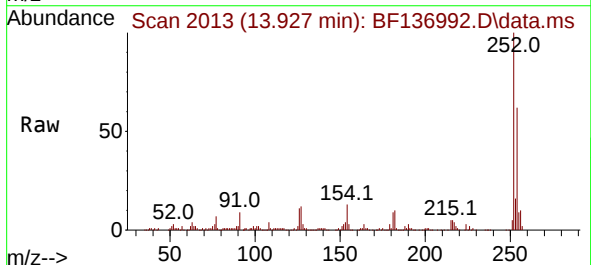
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

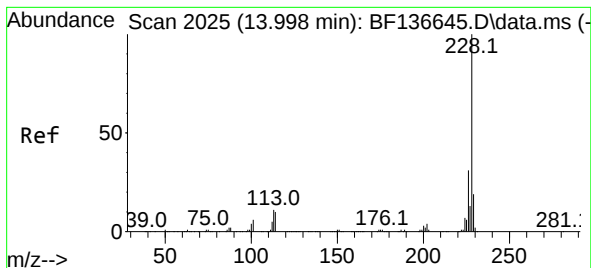
Tgt Ion:228 Resp: 526130
Ion Ratio Lower Upper
228 100
226 27.2 21.4 32.0
229 19.6 14.9 22.3



#82
3,3'-Dichlorobenzidine
Concen: 39.668 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:252 Resp: 141477
Ion Ratio Lower Upper
252 100
254 62.4 52.2 78.4
126 11.2 8.0 12.0





#83

Chrysene

Concen: 39.020 ng

RT: 14.004 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

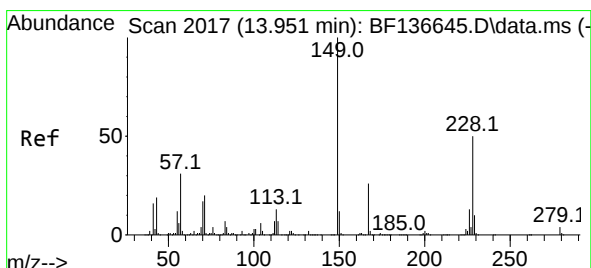
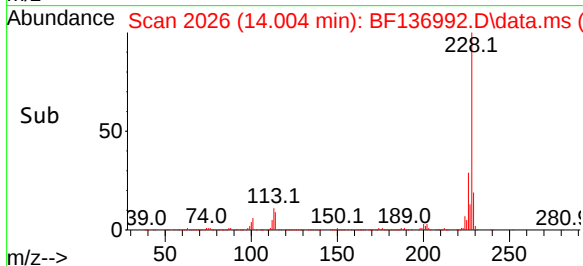
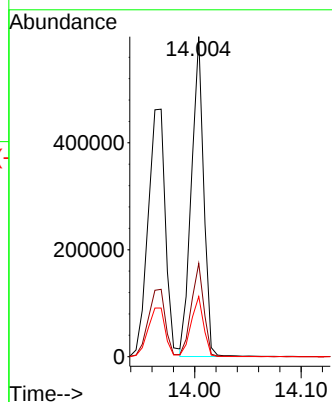
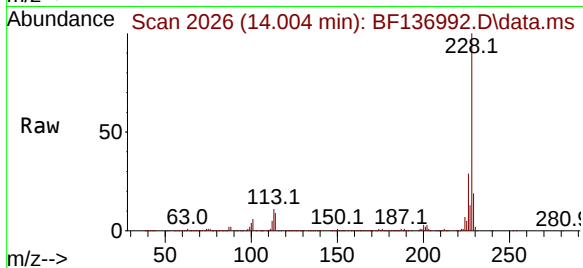
Tgt Ion:228 Resp: 479200

Ion Ratio Lower Upper

228 100

226 29.2 24.7 37.1

229 18.8 15.4 23.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.911 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.006 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

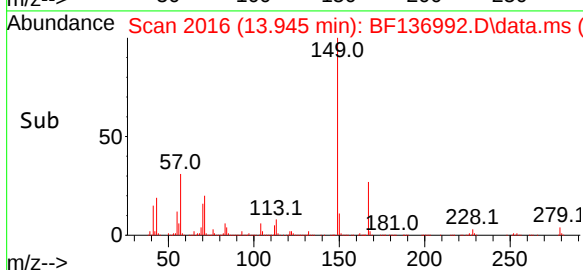
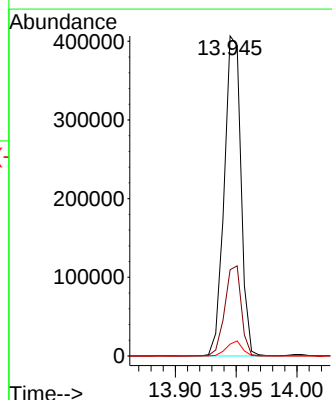
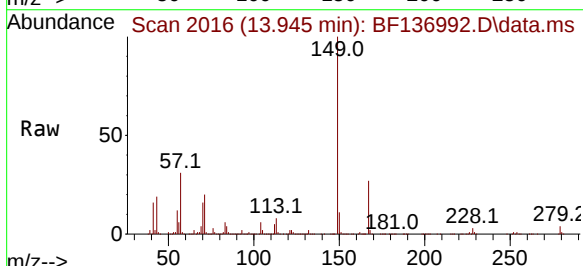
Tgt Ion:149 Resp: 389424

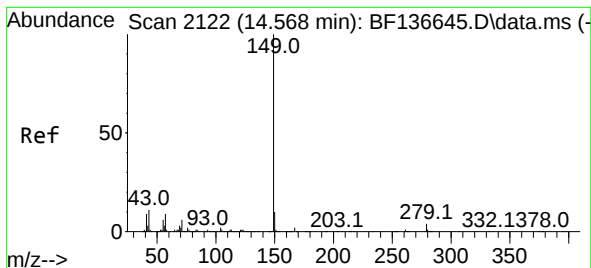
Ion Ratio Lower Upper

149 100

167 26.9 20.9 31.3

279 3.7 2.9 4.3

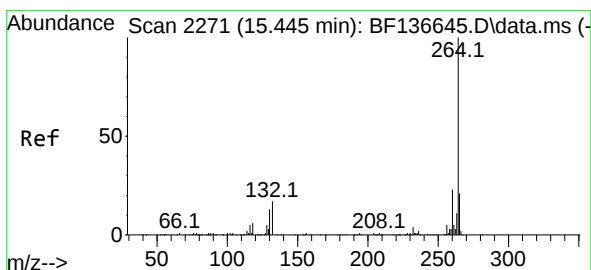
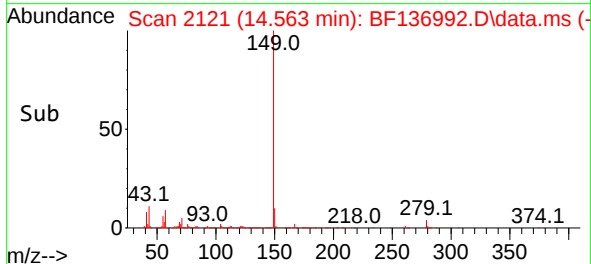
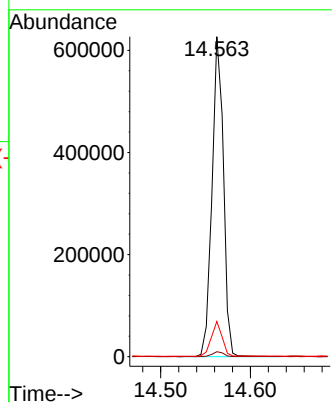
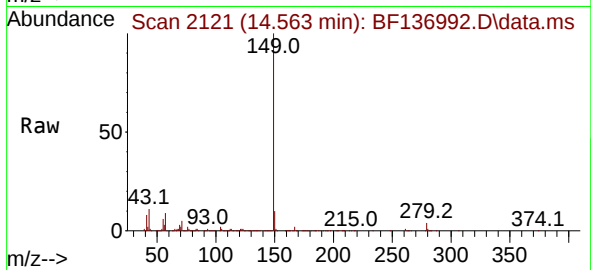




#85
Di-n-octyl phthalate
Concen: 44.040 ng
RT: 14.563 min Scan# 2121
Delta R.T. -0.006 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

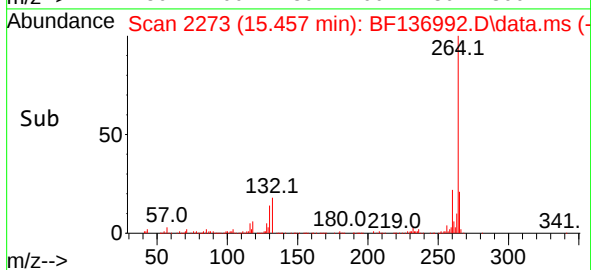
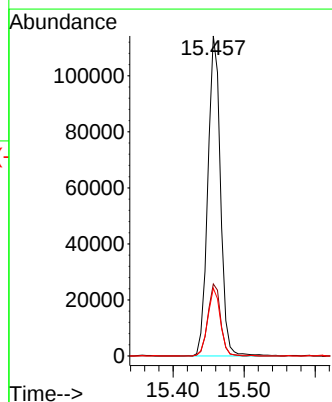
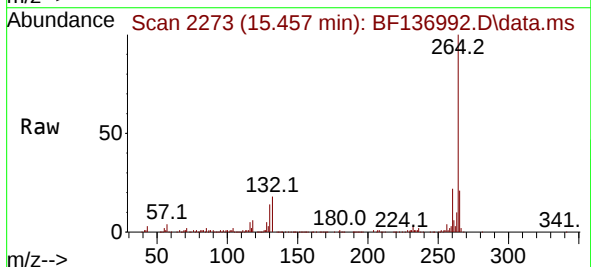
Instrument :
BNA_F
ClientSampleId :
PB158264BSD

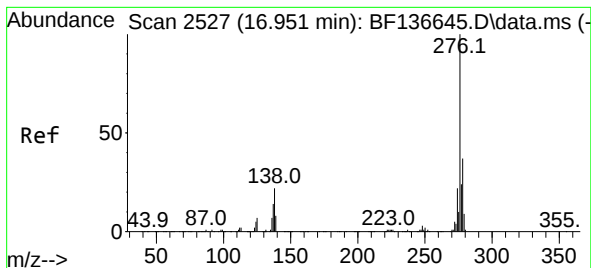
Tgt Ion:149 Resp: 553717
Ion Ratio Lower Upper
149 100
167 1.7 1.2 1.8
43 10.4 8.9 13.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.457 min Scan# 2273
Delta R.T. 0.012 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:264 Resp: 141384
Ion Ratio Lower Upper
264 100
260 22.5 18.3 27.5
265 21.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.171 ng

RT: 16.992 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

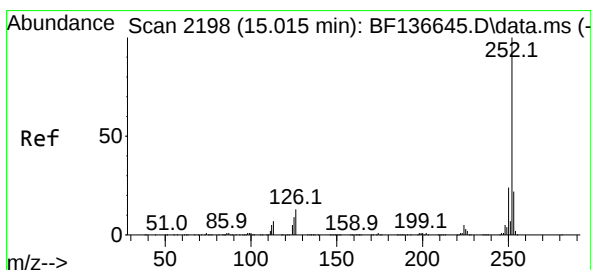
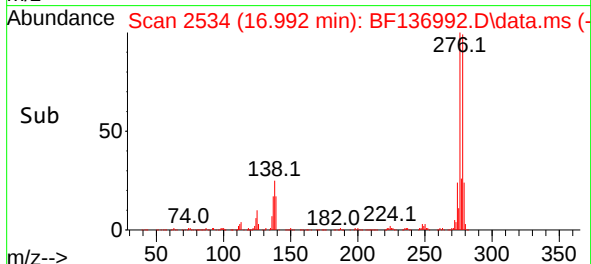
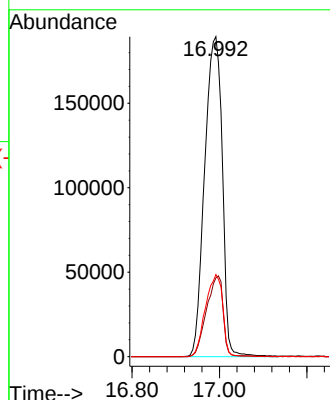
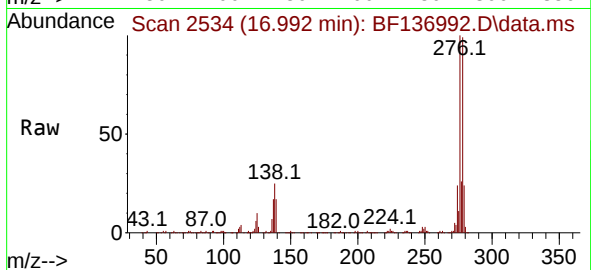
Tgt Ion:276 Resp: 532569

Ion Ratio Lower Upper

276 100

138 23.9 18.7 28.1

277 25.1 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 45.863 ng

RT: 15.027 min Scan# 2200

Delta R.T. 0.012 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

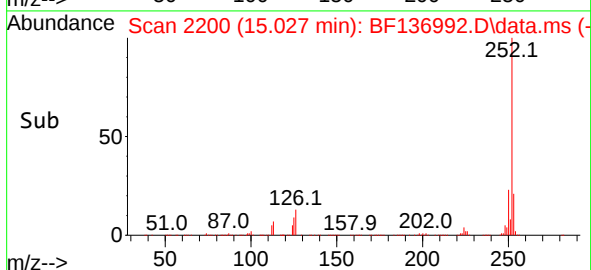
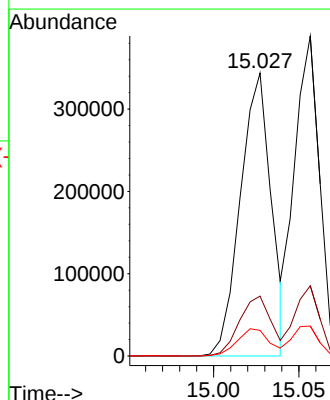
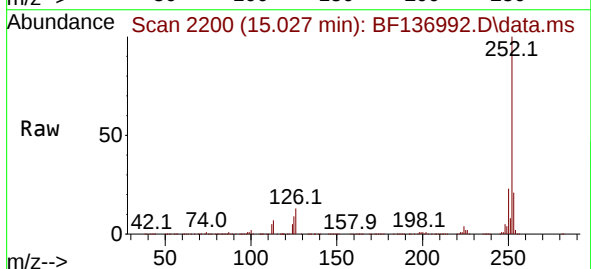
Tgt Ion:252 Resp: 433094

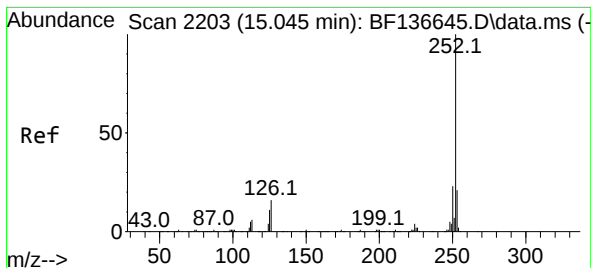
Ion Ratio Lower Upper

252 100

253 21.2 17.4 26.0

125 9.1 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 44.992 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

Instrument :

BNA_F

ClientSampleId :

PB158264BSD

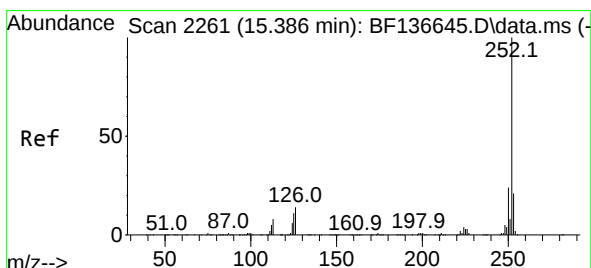
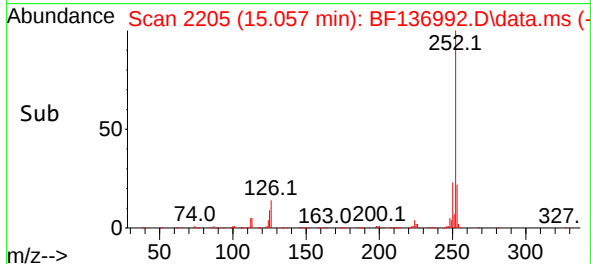
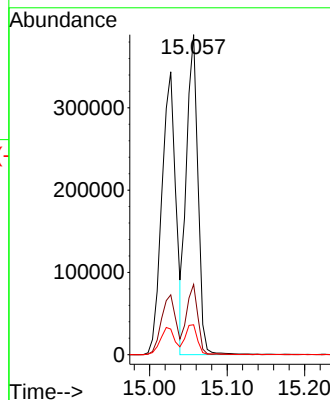
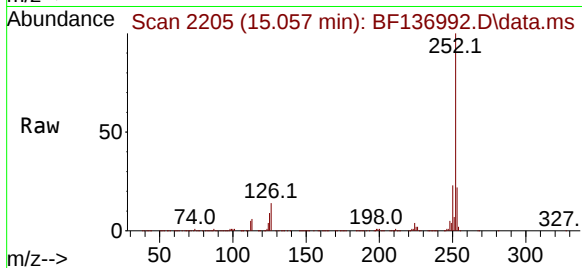
Tgt Ion:252 Resp: 401463

Ion Ratio Lower Upper

252 100

253 22.0 17.0 25.6

125 9.4 8.2 12.4



#90

Benzo(a)pyrene

Concen: 46.084 ng

RT: 15.398 min Scan# 2263

Delta R.T. 0.012 min

Lab File: BF136992.D

Acq: 08 Jan 2024 12:11

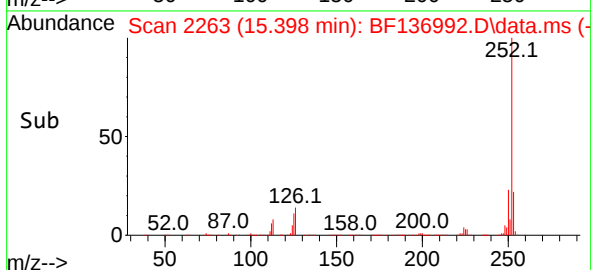
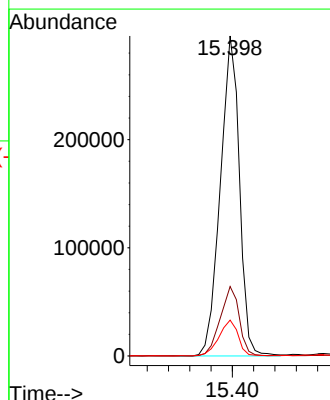
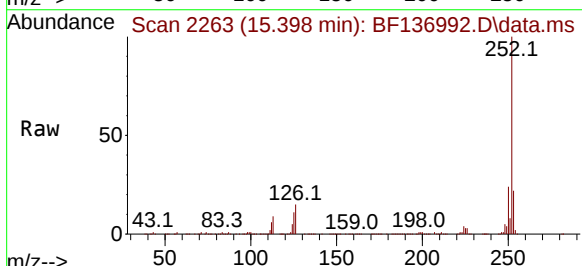
Tgt Ion:252 Resp: 367336

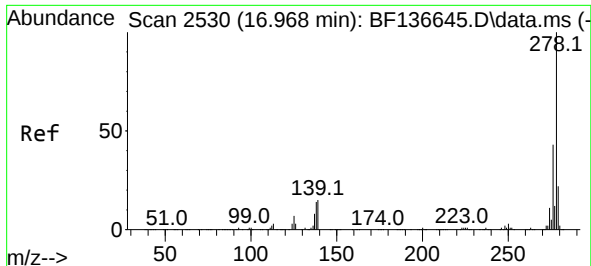
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 11.2 8.8 13.2

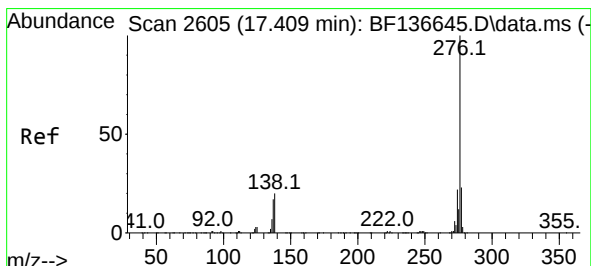
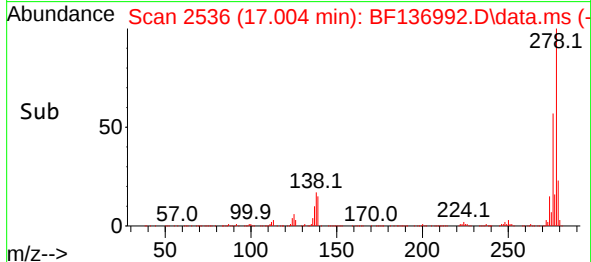
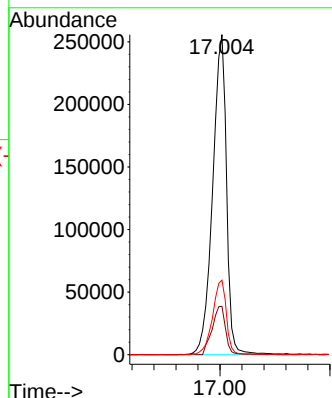
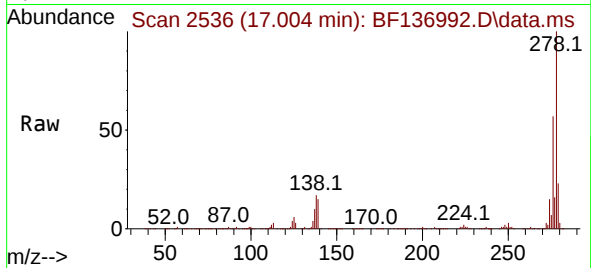




#91
Dibenzo(a,h)anthracene
Concen: 53.533 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Instrument :
BNA_F
ClientSampleId :
PB158264BSD

Tgt Ion:278 Resp: 448325
Ion Ratio Lower Upper
278 100
139 15.1 12.2 18.4
279 23.3 17.8 26.6



#92
Benzo(g,h,i)perylene
Concen: 52.349 ng
RT: 17.451 min Scan# 2612
Delta R.T. 0.041 min
Lab File: BF136992.D
Acq: 08 Jan 2024 12:11

Tgt Ion:276 Resp: 449023
Ion Ratio Lower Upper
276 100
277 23.8 18.3 27.5
138 20.5 15.6 23.4

