

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081823\
 Data File : BF134848.D
 Acq On : 18 Aug 2023 19:17
 Operator : CG\JU
 Sample : 04020-03MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E-2MSD

Quant Time: Aug 19 01:45:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF080123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 09:29:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.793	152	135345	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	529237	20.000	ng	# 0.00
39) Acenaphthene-d10	9.828	164	243856	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	336256	20.000	ng	# 0.00
76) Chrysene-d12	13.969	240	256534	20.000	ng	# 0.00
86) Perylene-d12	15.433	264	195780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	980890	110.167	ng	0.02
7) Phenol-d6	6.440	99	1127888	99.097	ng	0.00
23) Nitrobenzene-d5	7.357	82	838437	99.003	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	285724	114.939	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1404722	95.779	ng	-0.01
79) Terphenyl-d14	12.910	244	1146827	78.808	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	150342	36.700	ng	# 79
3) Pyridine	3.452	79	352064	31.716	ng	# 86
4) n-Nitrosodimethylamine	3.393	42	201790	38.045	ng	# 60
6) Aniline	6.463	93	157259	10.534	ng	92
8) 2-Chlorophenol	6.581	128	422349	47.024	ng	95
9) Benzaldehyde	6.351	77	141857	21.913	ng	93
10) Phenol	6.451	94	423810	37.786	ng	81
11) bis(2-Chloroethyl)ether	6.540	93	399996	44.893	ng	90
12) 1,3-Dichlorobenzene	6.734	146	437589	47.089	ng	95
13) 1,4-Dichlorobenzene	6.810	146	448529	48.160	ng	99
14) 1,2-Dichlorobenzene	6.963	146	426446	49.143	ng	96
15) Benzyl Alcohol	6.940	79	356073	45.349	ng	93
16) 2,2'-oxybis(1-Chloropr...	7.075	45	591826	42.397	ng	91
17) 2-Methylphenol	7.051	107	322717	40.661	ng	93
18) Hexachloroethane	7.304	117	156393	47.845	ng	91
19) n-Nitroso-di-n-propyla...	7.210	70	274843	40.332	ng	91
20) 3+4-Methylphenols	7.204	107	371543	38.817	ng	95
22) Acetophenone	7.204	105	538162	44.047	ng	# 90
24) Nitrobenzene	7.375	77	435958	47.650	ng	97
25) Isophorone	7.616	82	773055	41.852	ng	99
26) 2-Nitrophenol	7.692	139	215599	54.641	ng	# 86
27) 2,4-Dimethylphenol	7.728	122	331322	40.200	ng	88
28) bis(2-Chloroethoxy)met...	7.828	93	476563	43.130	ng	99
29) 2,4-Dichlorophenol	7.934	162	336273	44.955	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	374473	46.946	ng	96
31) Naphthalene	8.092	128	1169830	43.981	ng	99
32) Benzoic acid	7.840	122	165705	33.637	ng	90
33) 4-Chloroaniline	8.139	127	54008	4.557	ng	97
34) Hexachlorobutadiene	8.210	225	216488	47.051	ng	96
35) Caprolactam	8.510	113	63466	26.298	ng	96
36) 4-Chloro-3-methylphenol	8.634	107	346127	43.692	ng	93
37) 2-Methylnaphthalene	8.787	142	735968	41.744	ng	99
38) 1-Methylnaphthalene	8.886	142	699506	42.667	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	353911	49.909	ng	100
41) Hexachlorocyclopentadiene	8.934	237	116896	33.899	ng	94
43) 2,4,6-Trichlorophenol	9.063	196	229407	49.432	ng	96

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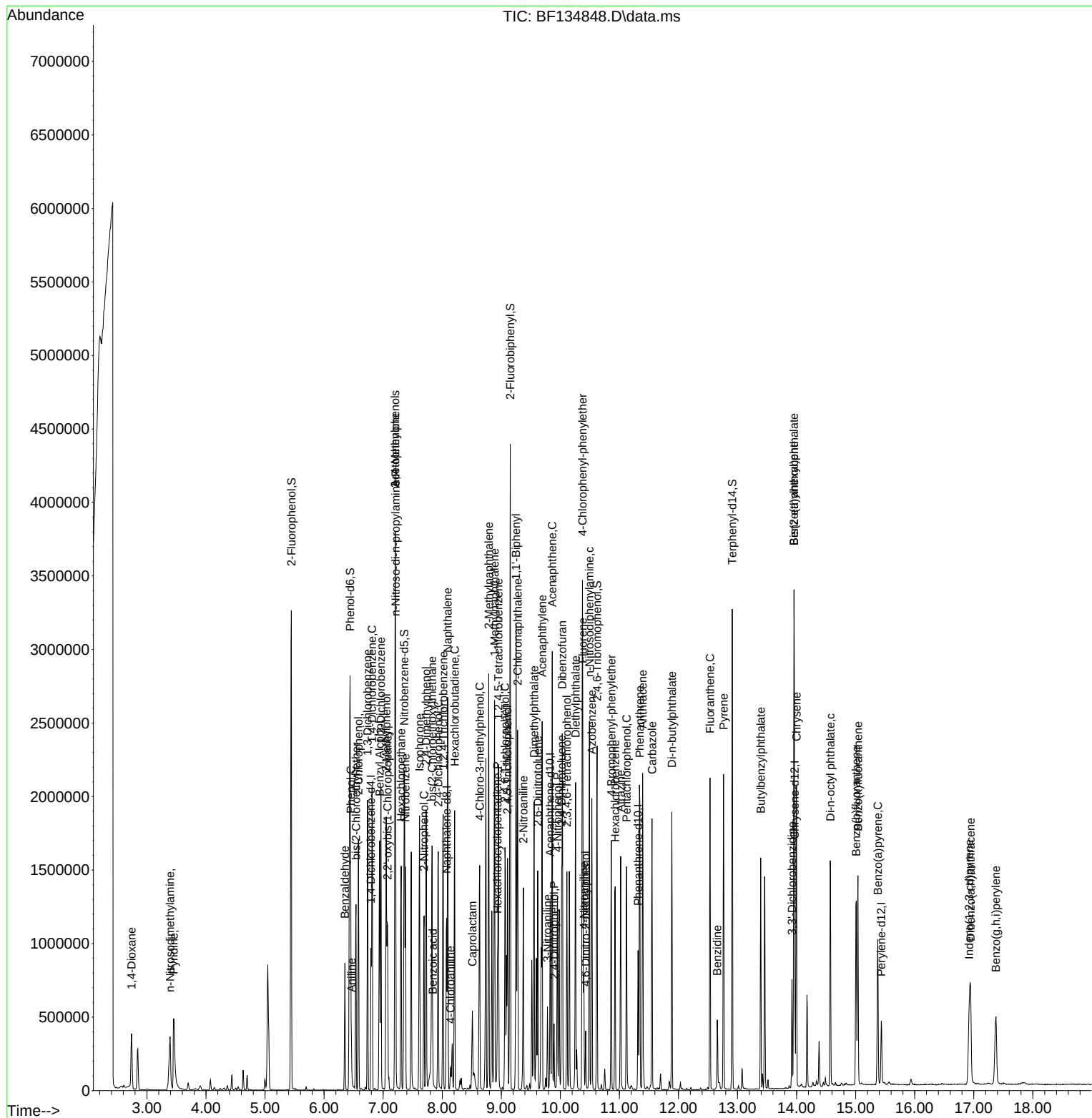
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.104	196	239189	45.095	ng	94
46) 1,1'-Biphenyl	9.251	154	904771	47.713	ng	98
47) 2-Chloronaphthalene	9.275	162	679618	47.830	ng	98
48) 2-Nitroaniline	9.375	65	211961	47.859	ng	88
49) Acenaphthylene	9.692	152	1012231	45.320	ng	100
50) Dimethylphthalate	9.557	163	808612	48.651	ng	98
51) 2,6-Dinitrotoluene	9.616	165	173136	50.694	ng	87
52) Acenaphthene	9.863	154	611511	42.249	ng	97
53) 3-Nitroaniline	9.781	138	78924	21.305	ng	93
54) 2,4-Dinitrophenol	9.892	184	50964	47.030	ng	87
55) Dibenzofuran	10.033	168	879206	42.670	ng	96
56) 4-Nitrophenol	9.951	139	207930	68.627	ng	# 72
57) 2,4-Dinitrotoluene	10.022	165	200679	48.743	ng	# 87
58) Fluorene	10.381	166	630752	42.027	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.110	232	179358	42.742	ng	94
60) Diethylphthalate	10.257	149	713535	45.293	ng	96
61) 4-Chlorophenyl-phenyle...	10.375	204	326700	44.287	ng	91
62) 4-Nitroaniline	10.398	138	134073	36.924	ng	# 84
63) Azobenzene	10.533	77	643658	38.027	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	46262	36.569	ng	85
66) n-Nitrosodiphenylamine	10.492	169	576633	53.877	ng	98
67) 4-Bromophenyl-phenylether	10.863	248	198350	53.886	ng	96
68) Hexachlorobenzene	10.928	284	201382	51.809	ng	95
69) Atrazine	11.022	200	182946	63.418	ng	98
70) Pentachlorophenol	11.122	266	172661	71.742	ng	95
71) Phenanthrene	11.345	178	804224	45.028	ng	99
72) Anthracene	11.392	178	816872	44.776	ng	99
73) Carbazole	11.551	167	693593	42.580	ng	99
74) Di-n-butylphthalate	11.886	149	853864	49.340	ng	99
75) Fluoranthene	12.533	202	806022	42.723	ng	96
77) Benzidine	12.657	184	182169	32.712	ng	99
78) Pyrene	12.763	202	847120	38.162	ng	97
80) Butylbenzylphthalate	13.392	149	323766	43.133	ng	# 98
81) Benzo(a)anthracene	13.957	228	789749	43.054	ng	99
82) 3,3'-Dichlorobenzidine	13.921	252	146787	27.607	ng	# 99
83) Chrysene	13.998	228	776868	43.470	ng	99
84) Bis(2-ethylhexyl)phtha...	13.957	149	392546	44.439	ng	99
85) Di-n-octyl phthalate	14.574	149	796462	59.292	ng	100
87) Indeno(1,2,3-cd)pyrene	16.921	276	488701	42.443	ng	# 93
88) Benzo(b)fluoranthene	15.010	252	635822	53.250	ng	# 98
89) Benzo(k)fluoranthene	15.039	252	602752	50.674	ng	98
90) Benzo(a)pyrene	15.374	252	485546	43.613	ng	# 97
91) Dibenzo(a,h)anthracene	16.945	278	406593	43.694	ng	# 95
92) Benzo(g,h,i)perylene	17.374	276	395057	41.620	ng	# 92

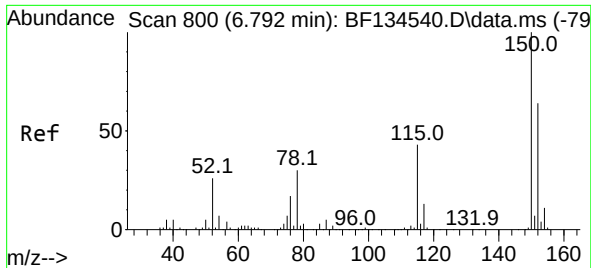
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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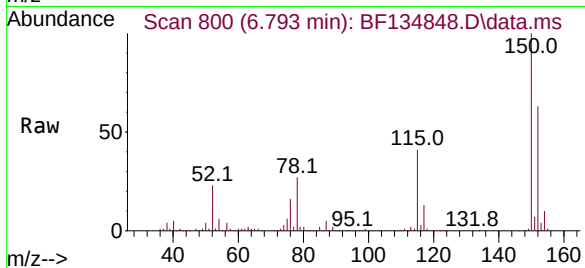
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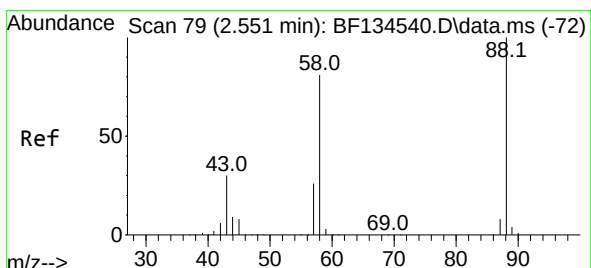
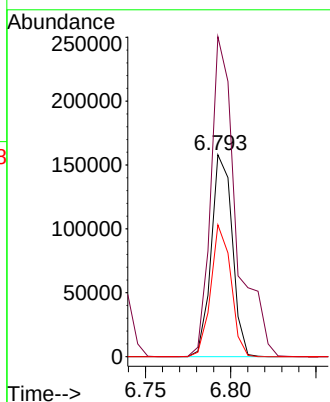
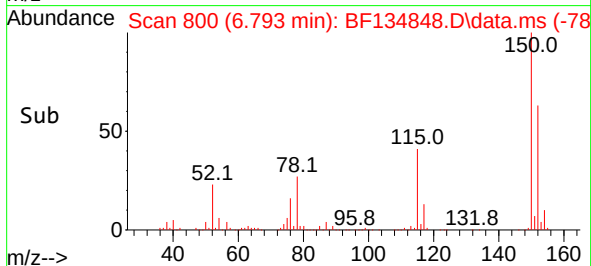


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.793 min Scan# 80
 Delta R.T. -0.005 min
 Lab File: BF134848.D
 Acq: 18 Aug 2023 19:17

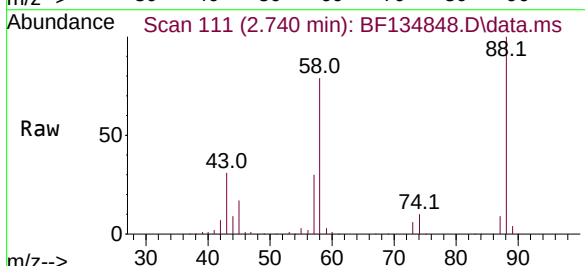
Instrument :
 BNA_F
 ClientSampleId :
 E-2MSD



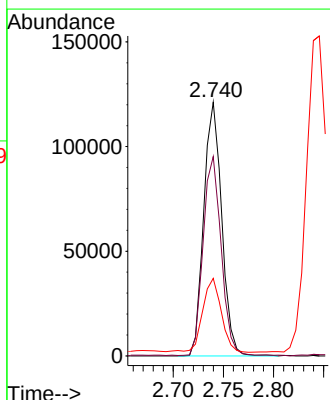
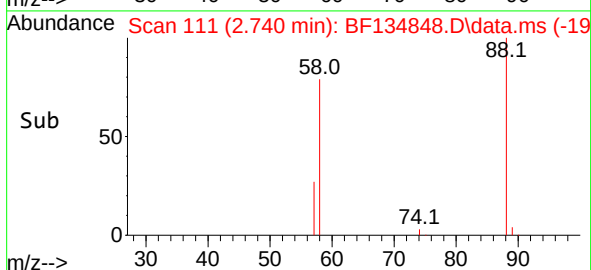
Tgt Ion:152 Resp: 135345
 Ion Ratio Lower Upper
 152 100
 150 158.6 128.3 192.5
 115 65.3 52.4 78.6

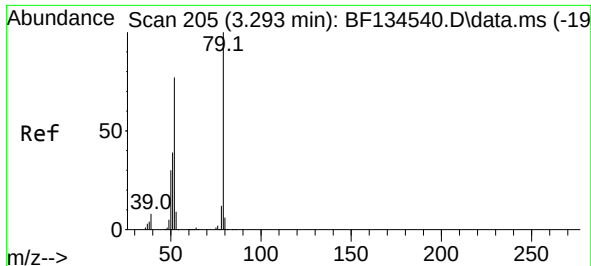


#2
 1,4-Dioxane
 Concen: 36.700 ng
 RT: 2.740 min Scan# 111
 Delta R.T. 0.188 min
 Lab File: BF134848.D
 Acq: 18 Aug 2023 19:17



Tgt Ion: 88 Resp: 150342
 Ion Ratio Lower Upper
 88 100
 58 79.7 65.1 97.7
 43 0.0 30.3 45.5#

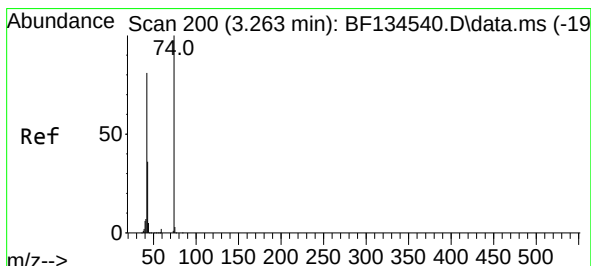
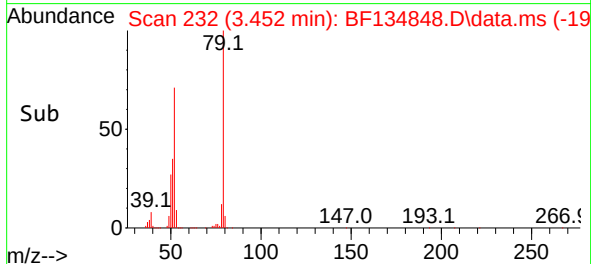
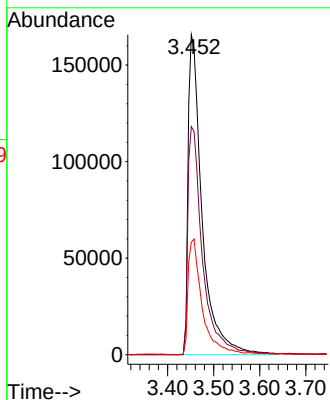
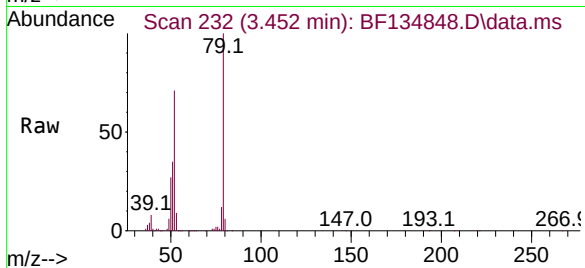




#3
Pyridine
Concen: 31.716 ng
RT: 3.452 min Scan# 231
Delta R.T. 0.147 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

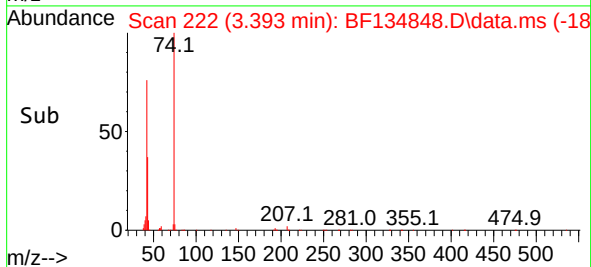
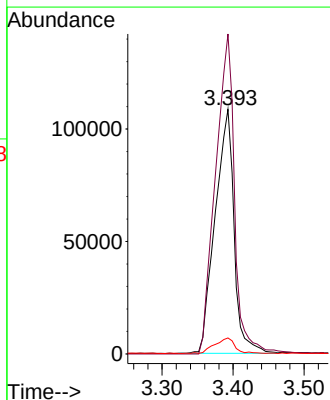
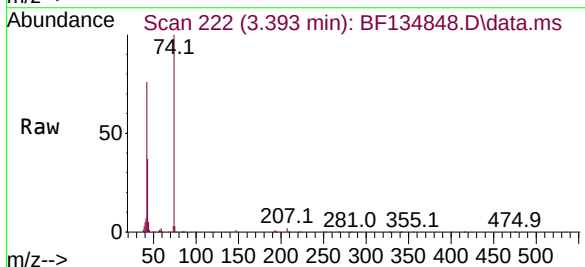
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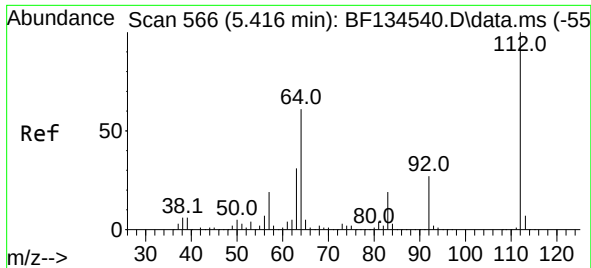
Tgt Ion: 79 Resp: 352064
Ion Ratio Lower Upper
79 100
52 71.3 66.6 100.0
51 35.1 36.5 54.7#



#4
n-Nitrosodimethylamine
Concen: 38.045 ng
RT: 3.393 min Scan# 222
Delta R.T. 0.112 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion: 42 Resp: 201790
Ion Ratio Lower Upper
42 100
74 130.9 72.2 108.4#
44 6.5 5.4 8.0

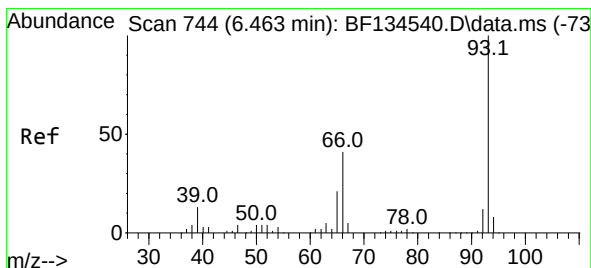
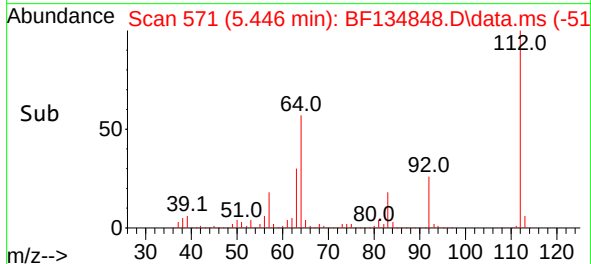
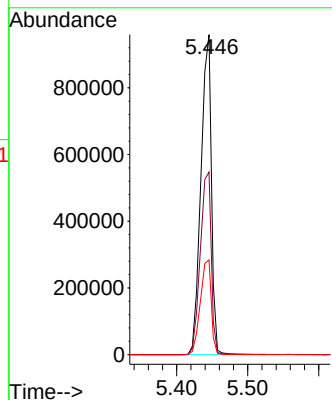
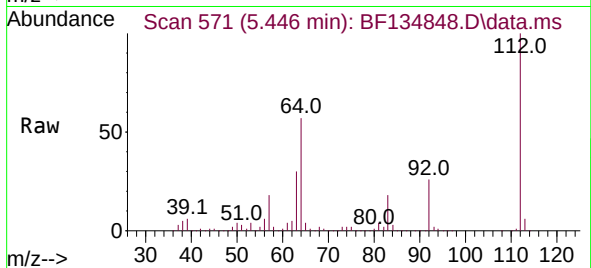




#5
2-Fluorophenol
Concen: 110.167 ng
RT: 5.446 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

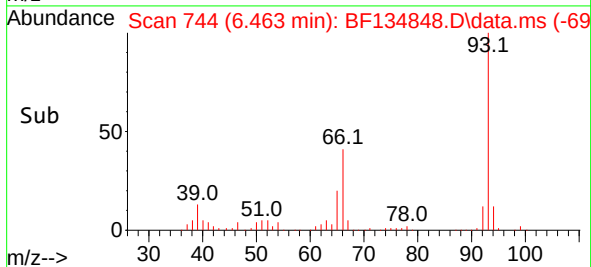
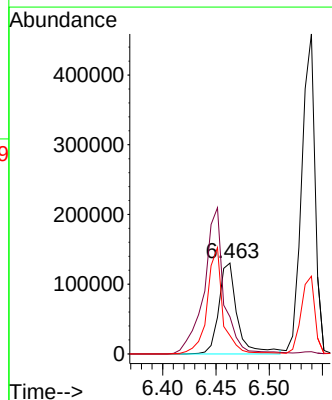
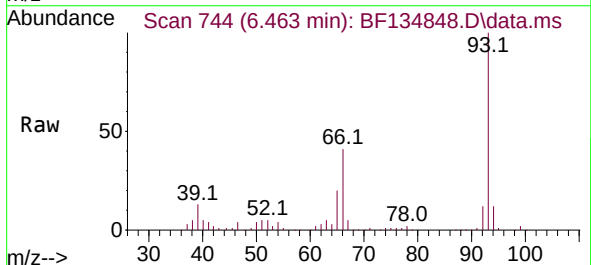
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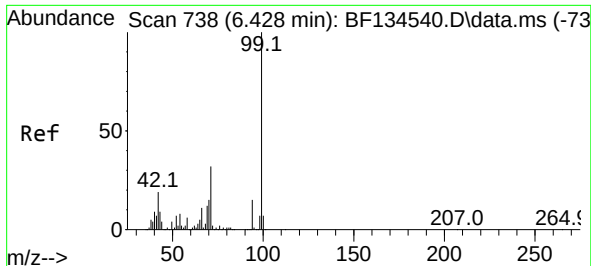
Tgt Ion:112 Resp: 980890
Ion Ratio Lower Upper
112 100
64 57.0 44.9 67.3
63 29.6 25.4 38.0



#6
Aniline
Concen: 10.534 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion: 93 Resp: 157259
Ion Ratio Lower Upper
93 100
66 40.7 36.8 55.2
65 20.2 19.4 29.0





#7

Phenol-d6

Concen: 99.097 ng

RT: 6.440 min Scan# 740

Delta R.T. 0.000 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Instrument :

BNA_F

ClientSampleId :

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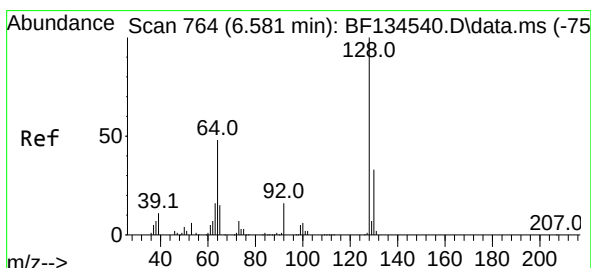
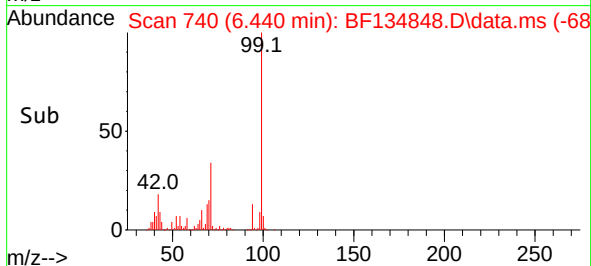
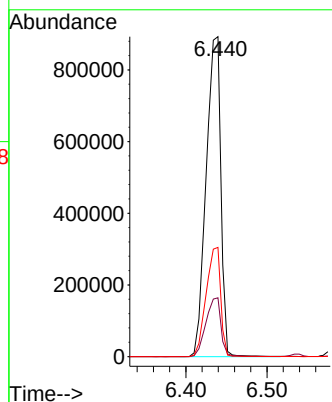
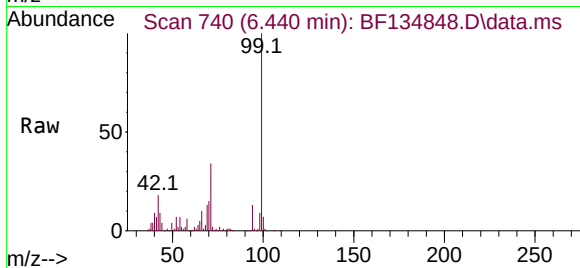
Tgt Ion: 99 Resp: 1127888

Ion Ratio Lower Upper

99 100

42 18.4 18.7 28.1#

71 34.1 36.4 54.6#



#8

2-Chlorophenol

Concen: 47.024 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF134848.D

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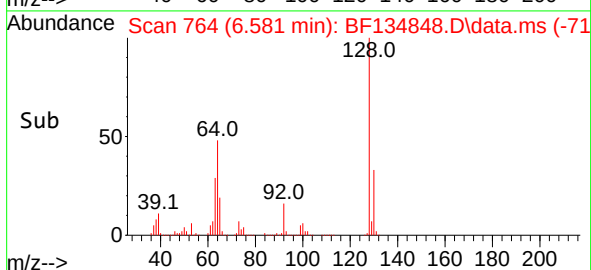
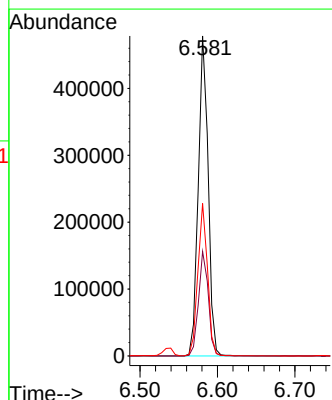
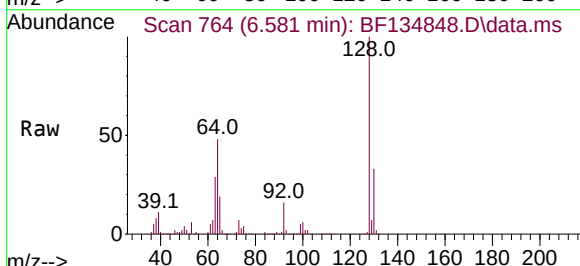
Tgt Ion: 128 Resp: 422349

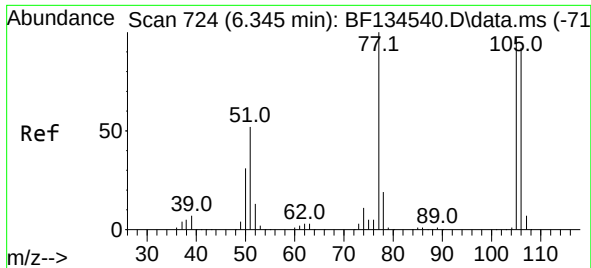
Ion Ratio Lower Upper

128 100

130 32.6 11.1 51.1

64 47.6 31.9 71.9





#9

Benzaldehyde

Concen: 21.913 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.006 min

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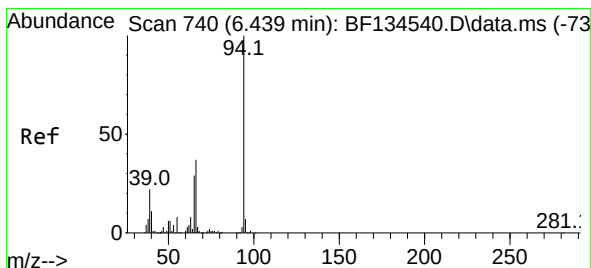
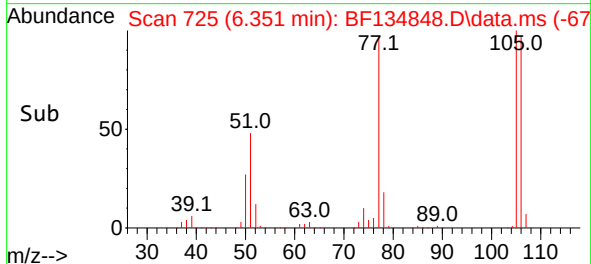
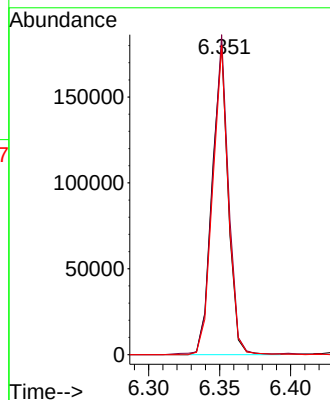
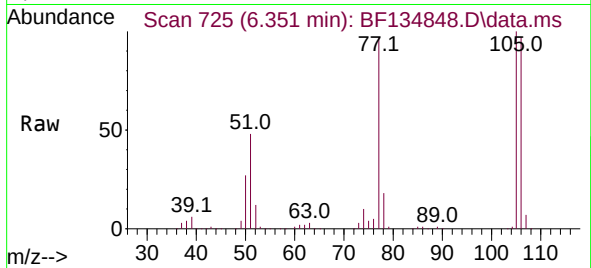
Tgt Ion: 77 Resp: 141857

Ion Ratio Lower Upper

77 100

105 103.2 77.1 117.1

106 99.6 71.4 111.4



#10

Phenol

Concen: 37.786 ng

RT: 6.451 min Scan# 742

Delta R.T. 0.000 min

Lab File: BF134848.D

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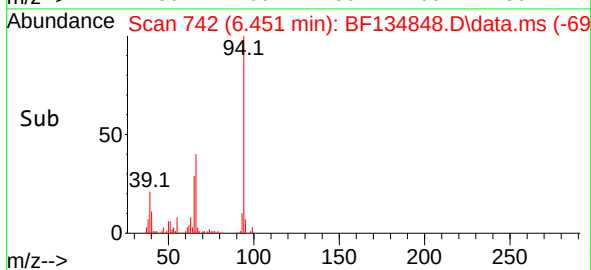
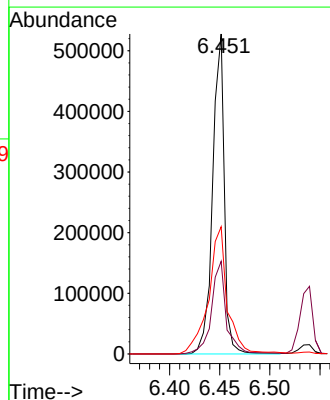
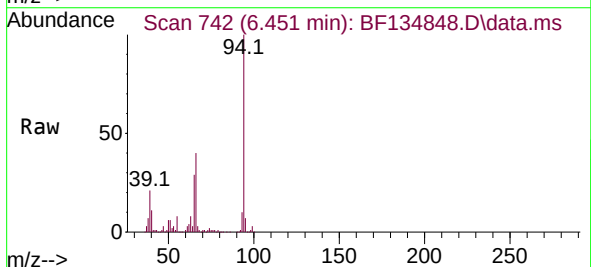
Tgt Ion: 94 Resp: 423810

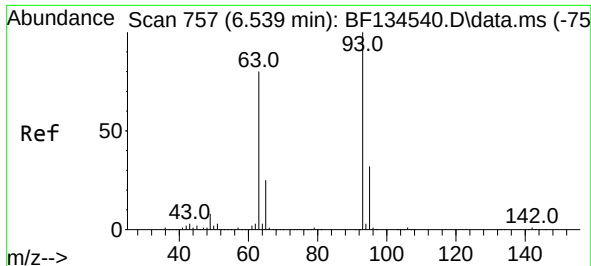
Ion Ratio Lower Upper

94 100

65 28.9 17.8 57.8

66 39.7 35.2 75.2

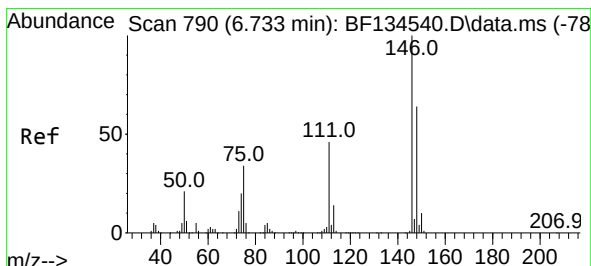
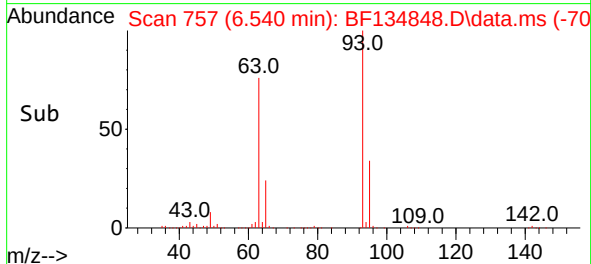
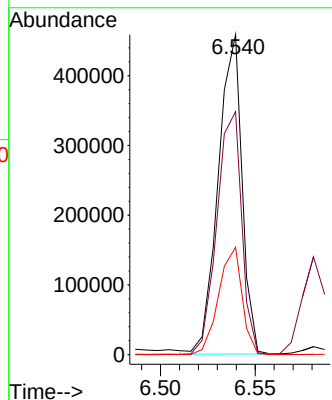
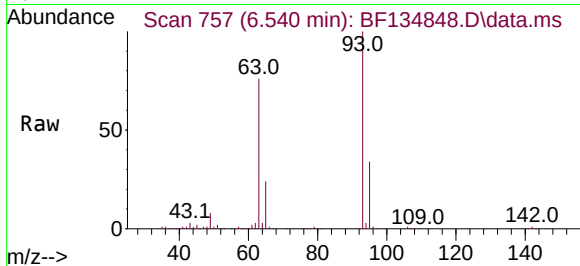




#11
bis(2-Chloroethyl)ether
Concen: 44.893 ng
RT: 6.540 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

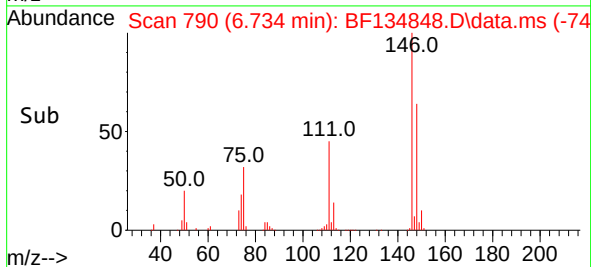
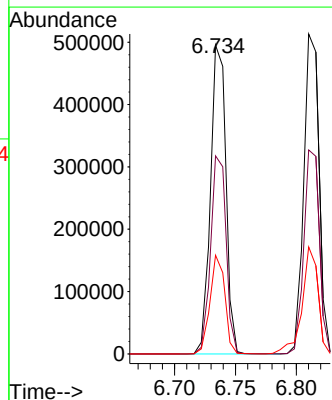
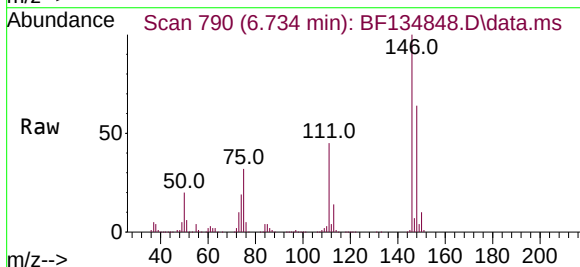
Instrument :
BNA_F
ClientSampleId :
E-2MSD

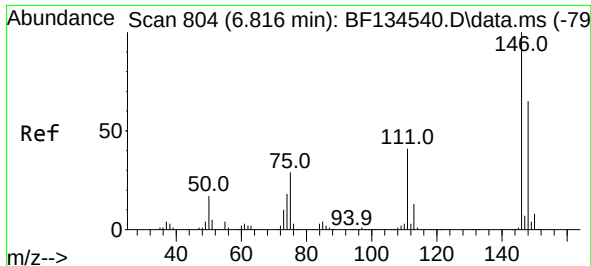
Tgt Ion: 93 Resp: 399996
Ion Ratio Lower Upper
93 100
63 75.9 68.4 108.4
95 33.5 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 47.089 ng
RT: 6.734 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:146 Resp: 437589
Ion Ratio Lower Upper
146 100
148 64.1 49.7 74.5
75 31.9 29.5 44.3





#13

1,4-Dichlorobenzene

Concen: 48.160 ng

RT: 6.810 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Instrument :

BNA_F

ClientSampleId :

E-2MSD

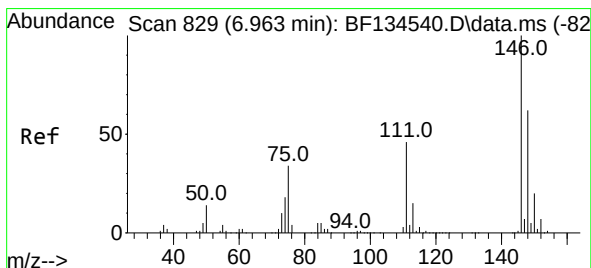
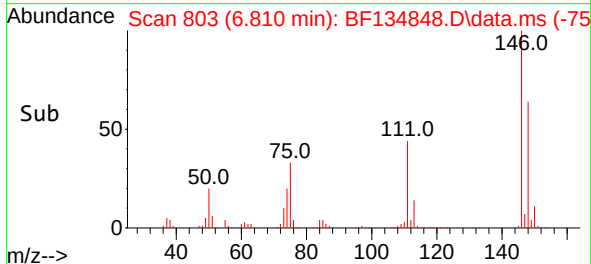
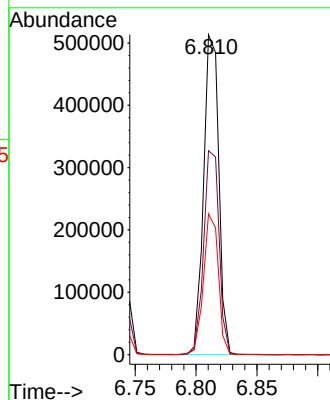
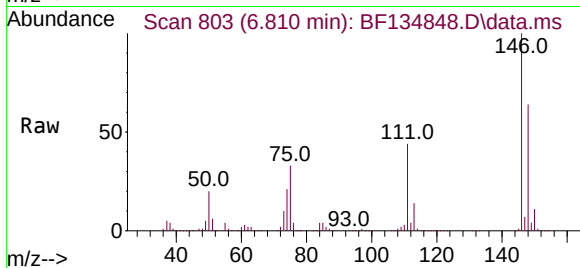
Tgt Ion:146 Resp: 448529

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

111 44.0 36.6 55.0



#14

1,2-Dichlorobenzene

Concen: 49.143 ng

RT: 6.963 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

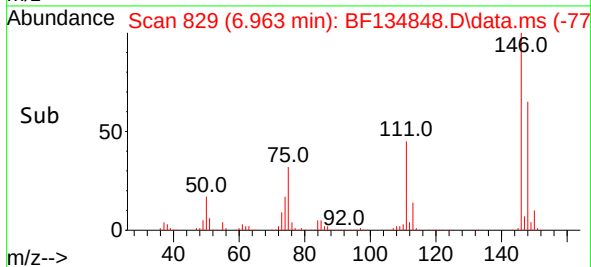
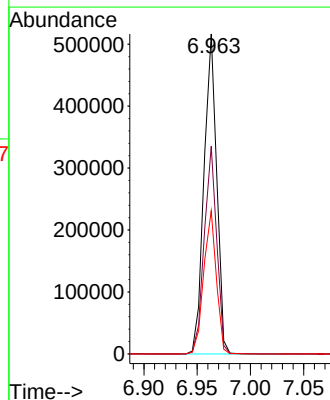
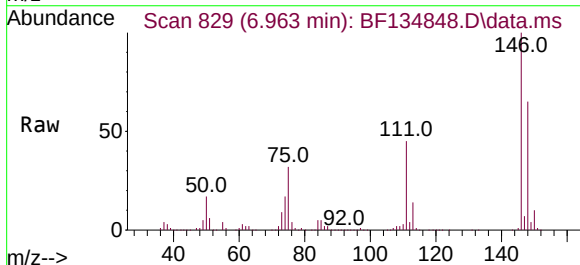
Tgt Ion:146 Resp: 426446

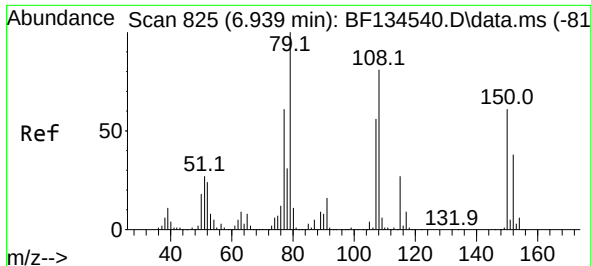
Ion Ratio Lower Upper

146 100

148 64.9 51.2 76.8

111 44.7 39.9 59.9

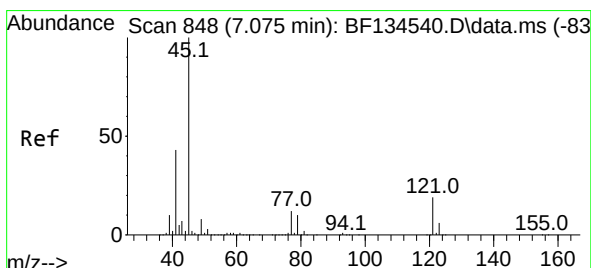
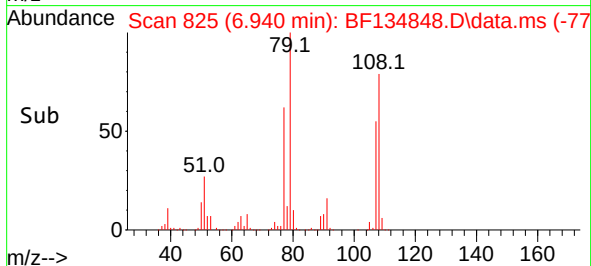
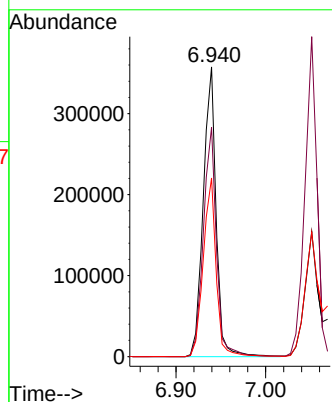
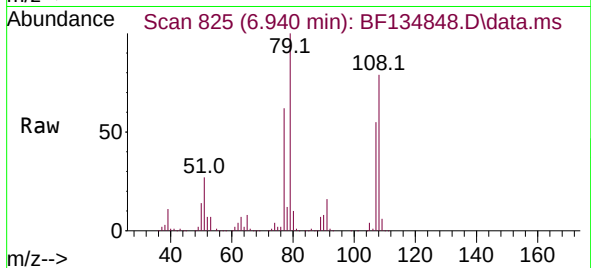




#15
Benzyl Alcohol
Concen: 45.349 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

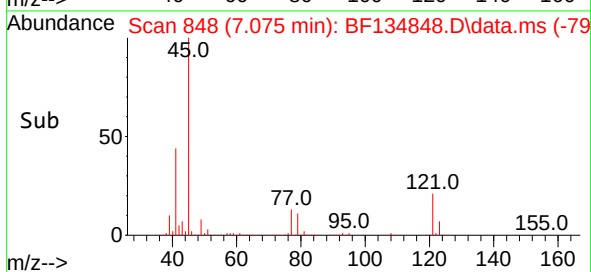
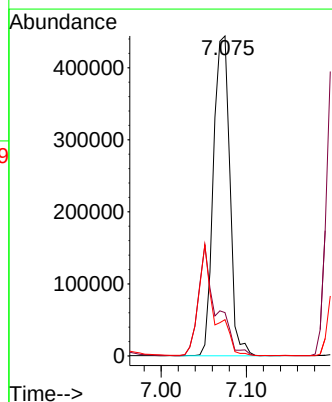
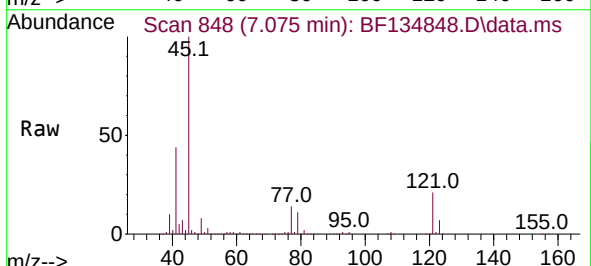
Instrument :
BNA_F
ClientSampleId :
E-2MSD

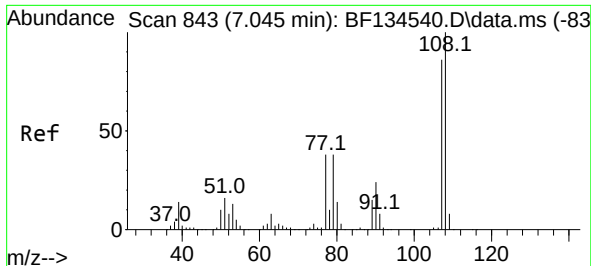
Tgt Ion: 79 Resp: 356073
Ion Ratio Lower Upper
79 100
108 79.2 56.3 84.5
77 61.7 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.397 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion: 45 Resp: 591826
Ion Ratio Lower Upper
45 100
77 13.6 0.0 37.8
79 11.3 0.0 34.5

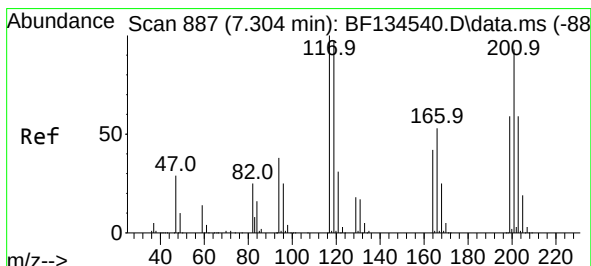
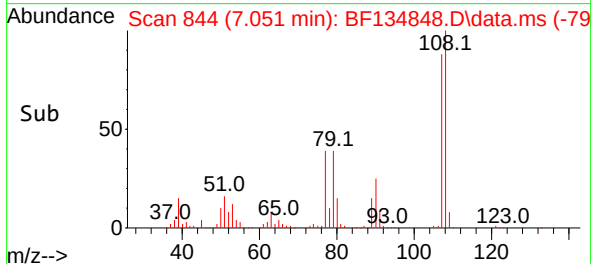
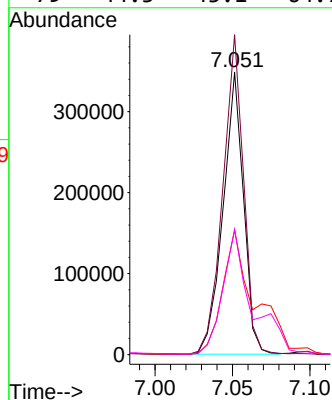
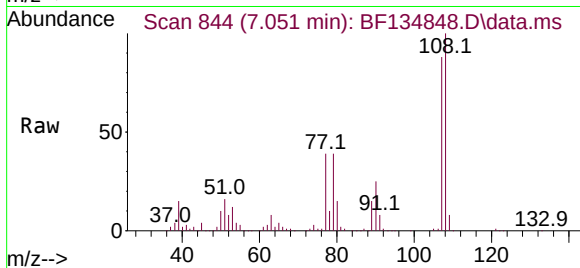




#17
2-Methylphenol
Concen: 40.661 ng
RT: 7.051 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

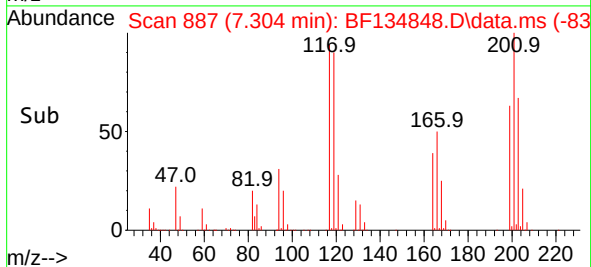
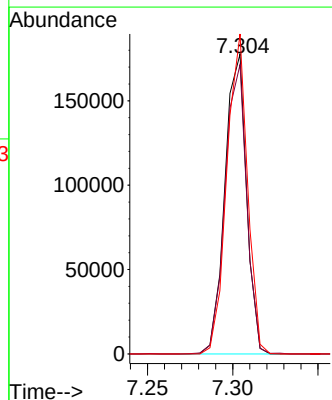
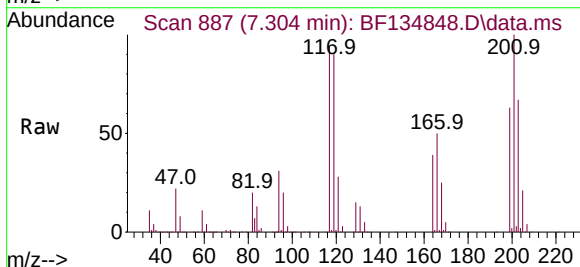
Instrument :
BNA_F
ClientSampleId :
E-2MSD

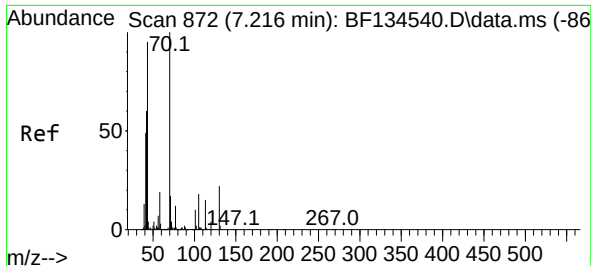
Tgt Ion:	107	Resp:	322717
Ion	Ratio	Lower	Upper
107	100		
108	113.2	89.4	134.2
77	44.0	42.4	63.6
79	44.3	43.1	64.7



#18
Hexachloroethane
Concen: 47.845 ng
RT: 7.304 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:	117	Resp:	156393
Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.8	113.8
201	106.7	73.6	110.4

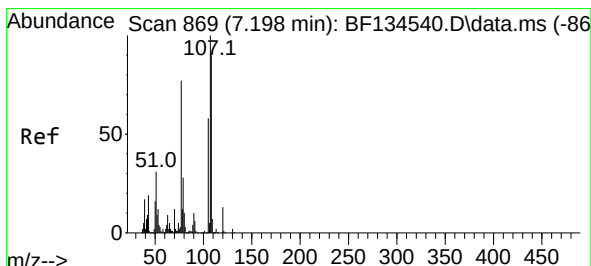
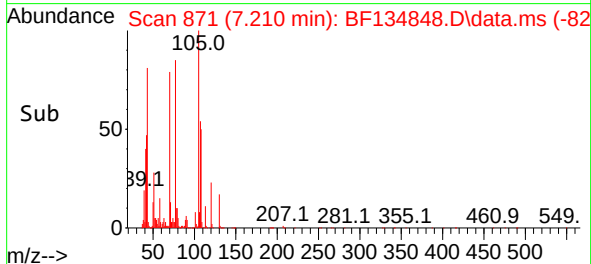
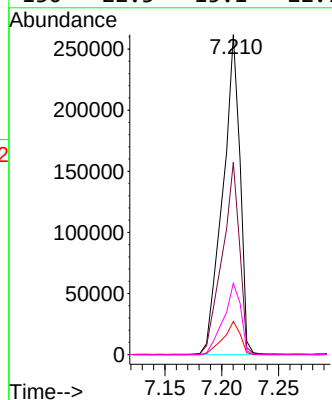
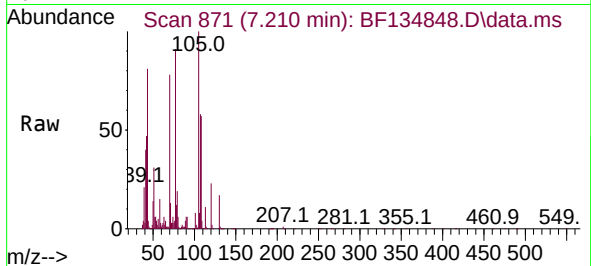




#19
n-Nitroso-di-n-propylamine
Concen: 40.332 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

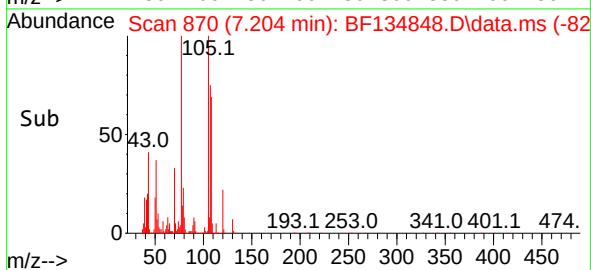
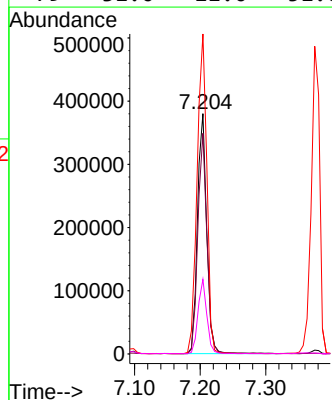
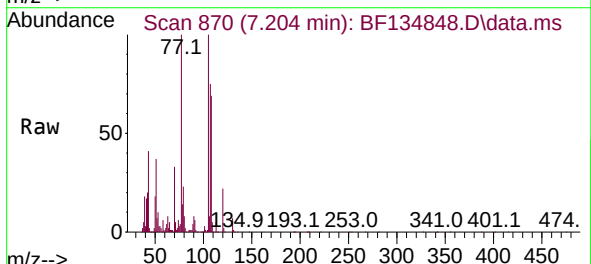
Instrument :
BNA_F
ClientSampleId :
E-2MSD

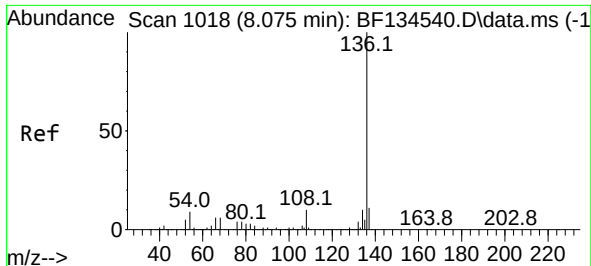
Tgt Ion: 70 Resp: 274843
Ion Ratio Lower Upper
70 100
42 60.1 54.7 82.1
101 10.4 8.2 12.2
130 22.3 15.1 22.7



#20
3+4-Methylphenols
Concen: 38.817 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion: 107 Resp: 371543
Ion Ratio Lower Upper
107 100
108 91.8 68.1 108.1
77 133.2 122.1 162.1
79 31.0 11.0 51.0

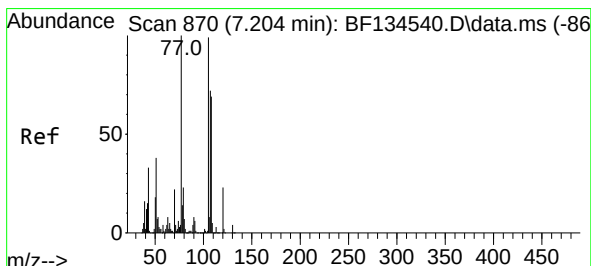
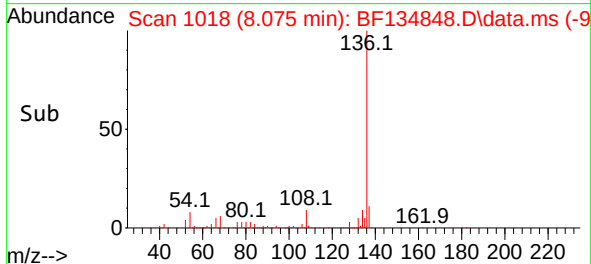
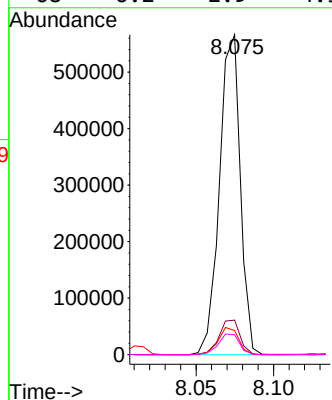
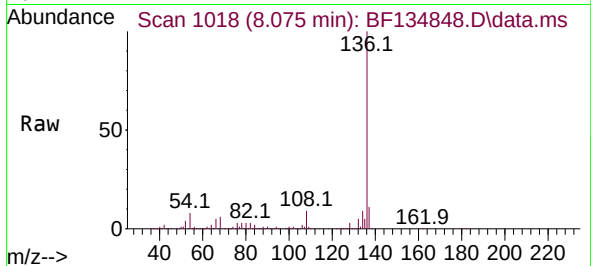




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

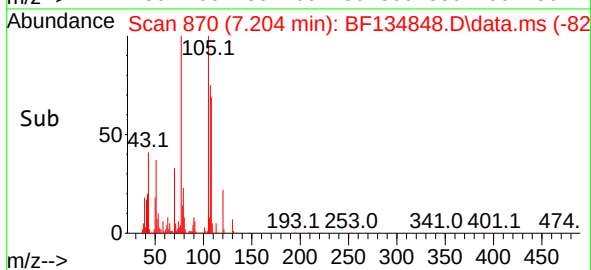
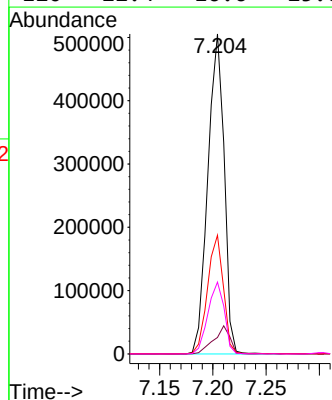
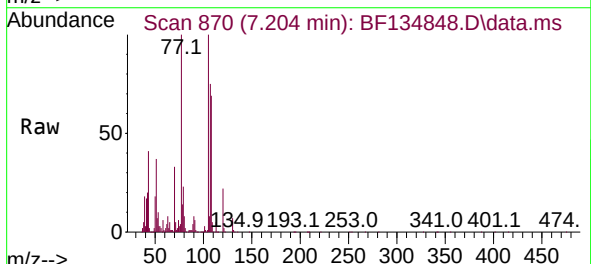
Instrument :
BNA_F
ClientSampleId :
E-2MSD

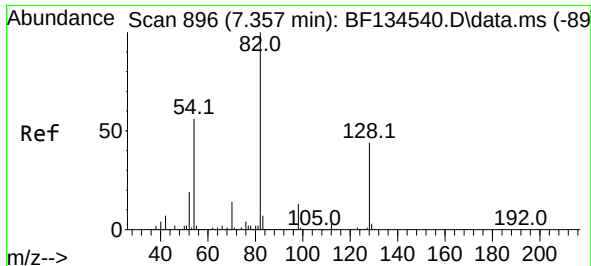
Tgt Ion	136	Resp:	529237
	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	7.5	5.2	7.8
68	6.2	2.9	4.3#



#22
Acetophenone
Concen: 44.047 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt	Ion:105	Resp:	538162
Ion	Ratio	Lower	Upper
105	100		
71	5.1	7.4	11.0#
51	37.1	36.4	54.6
120	22.4	16.6	25.0





#23

Nitrobenzene-d5

Concen: 99.003 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Instrument :

BNA_F

ClientSampleId :

E-2MSD

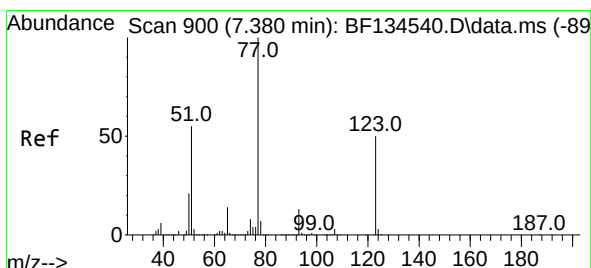
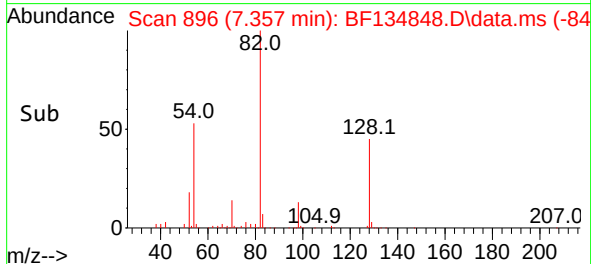
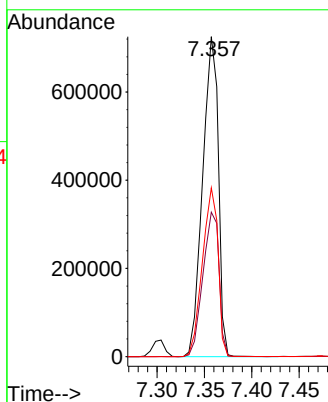
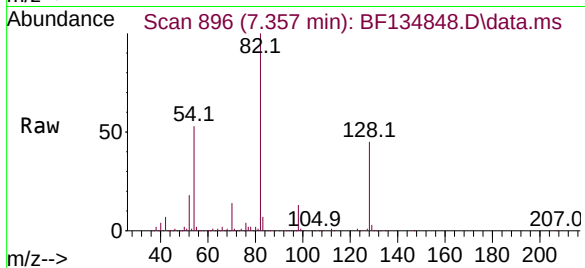
Tgt Ion: 82 Resp: 838437

Ion Ratio Lower Upper

82 100

128 45.1 34.3 51.5

54 52.7 43.8 65.6



#24

Nitrobenzene

Concen: 47.650 ng

RT: 7.375 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

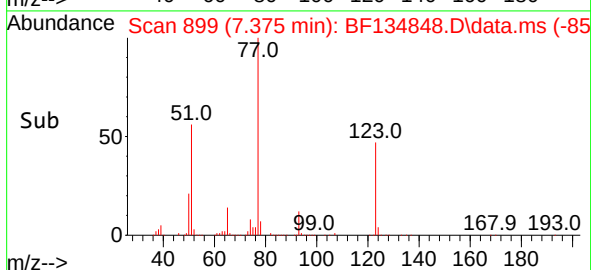
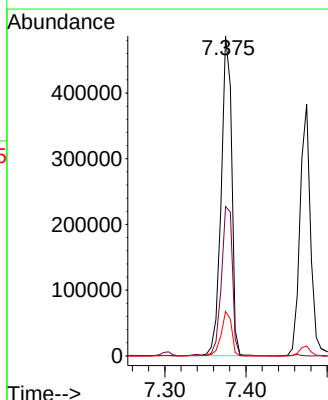
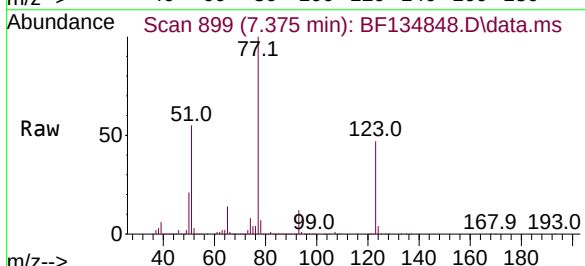
Tgt Ion: 77 Resp: 435958

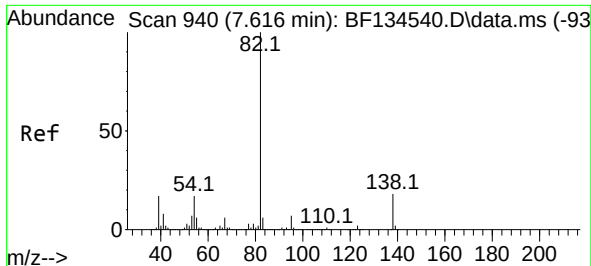
Ion Ratio Lower Upper

77 100

123 46.7 35.5 53.3

65 13.9 11.9 17.9

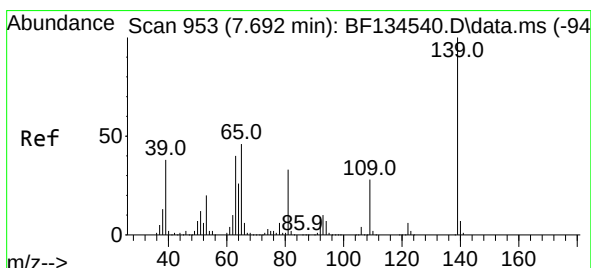
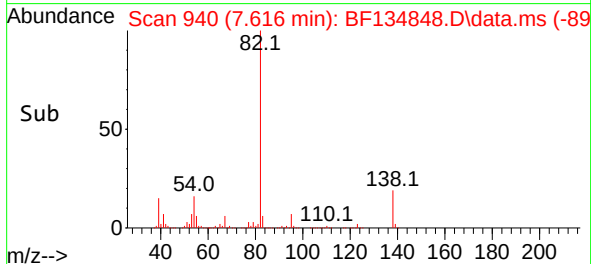
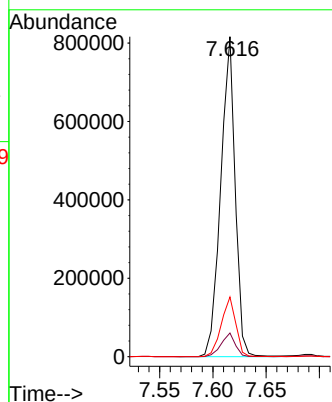
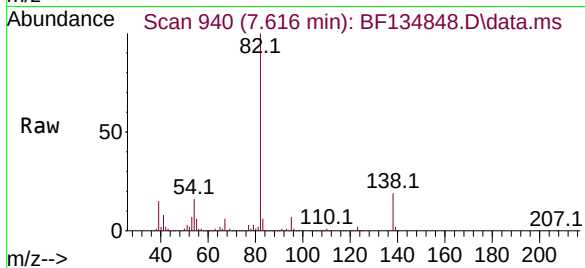




#25
Isophorone
Concen: 41.852 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

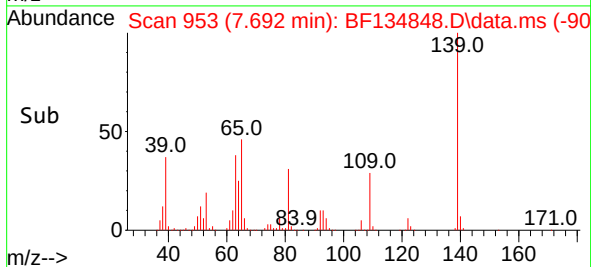
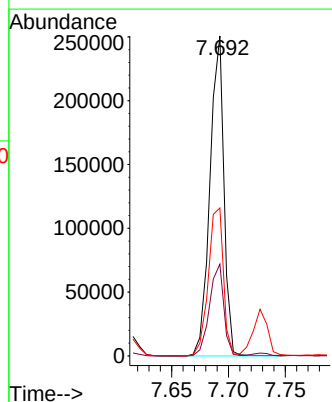
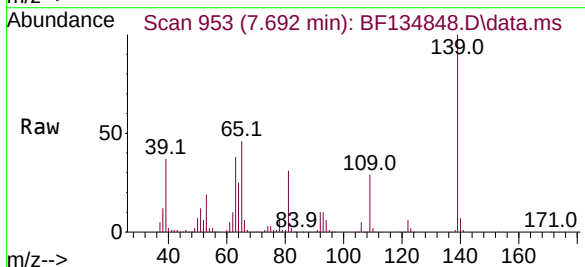
Instrument :
BNA_F
ClientSampleId :
E-2MSD

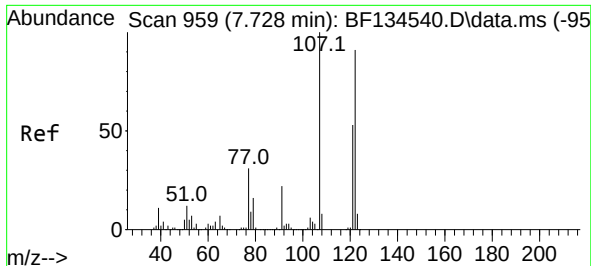
Tgt Ion: 82 Resp: 773055
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.6 14.6 22.0



#26
2-Nitrophenol
Concen: 54.641 ng
RT: 7.692 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion: 139 Resp: 215599
Ion Ratio Lower Upper
139 100
109 28.7 29.8 44.6#
65 46.2 45.4 68.2





#27

2,4-Dimethylphenol

Concen: 40.200 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Instrument :

BNA_F

ClientSampleId :

E-2MSD

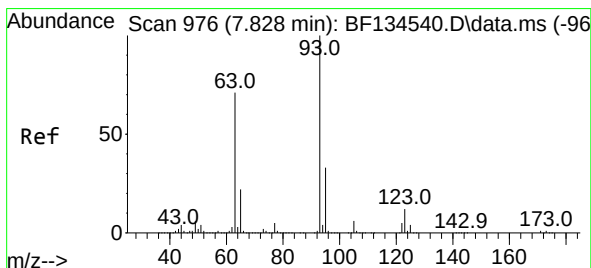
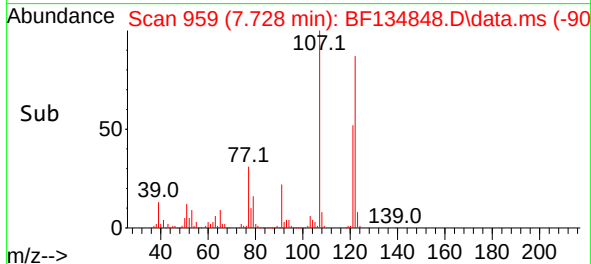
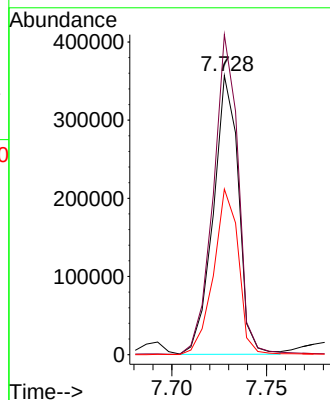
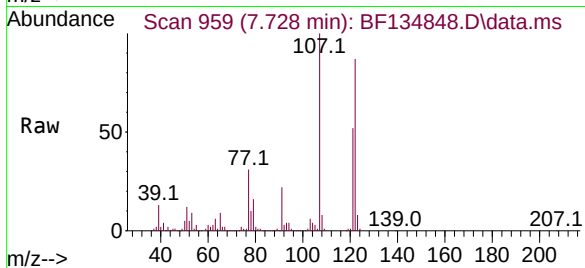
Tgt Ion:122 Resp: 331322

Ion Ratio Lower Upper

122 100

107 114.7 106.7 160.1

121 59.3 49.0 73.6



#28

bis(2-Chloroethoxy)methane

Concen: 43.130 ng

RT: 7.828 min Scan# 976

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

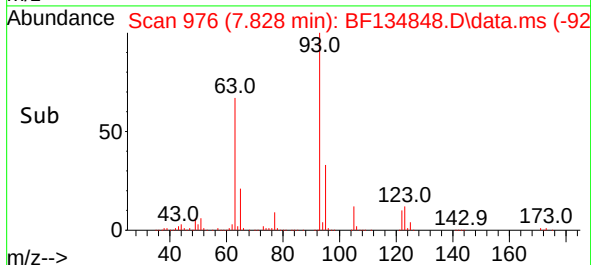
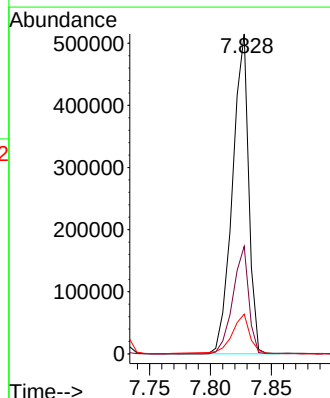
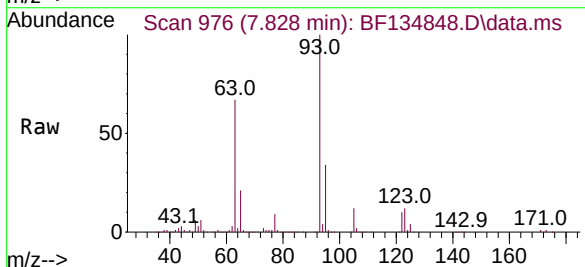
Tgt Ion: 93 Resp: 476563

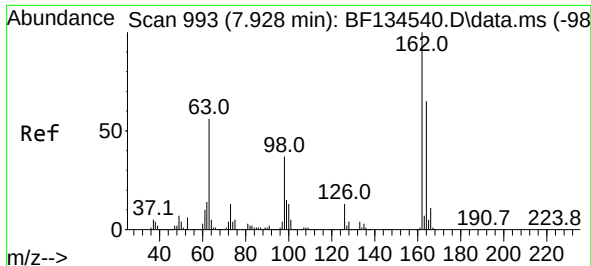
Ion Ratio Lower Upper

93 100

95 33.6 26.5 39.7

123 12.4 9.6 14.4





#29

2,4-Dichlorophenol

Concen: 44.955 ng

RT: 7.934 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Instrument :

BNA_F

ClientSampleId :

E-2MSD

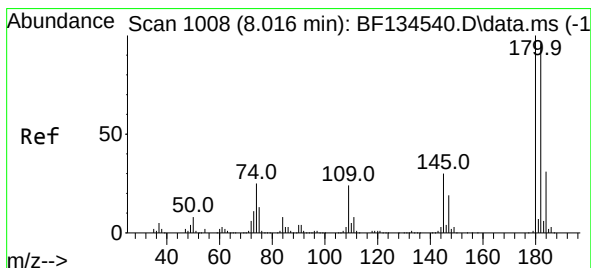
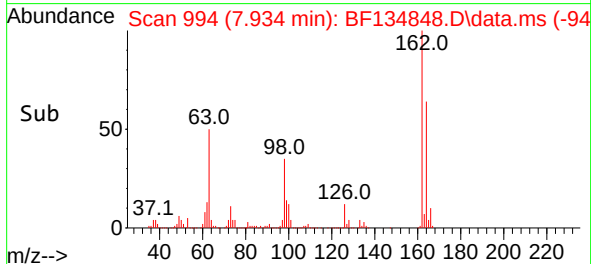
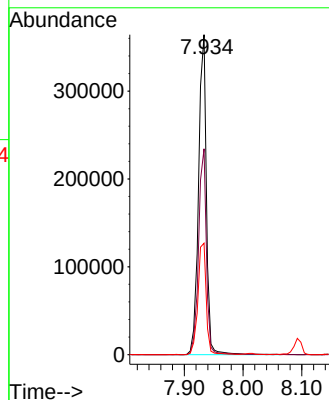
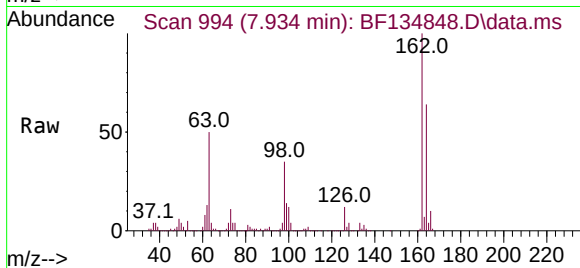
Tgt Ion:162 Resp: 336273

Ion Ratio Lower Upper

162 100

164 64.3 42.2 82.2

98 34.8 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 46.946 ng

RT: 8.016 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

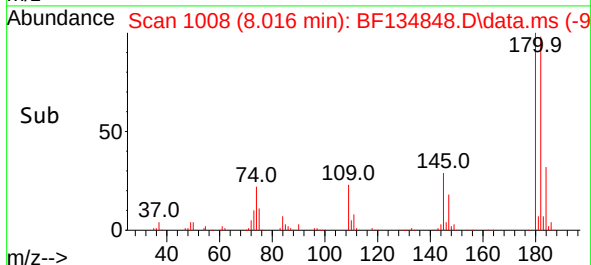
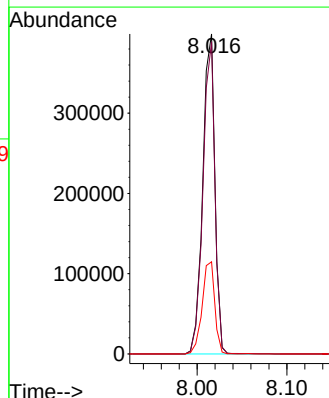
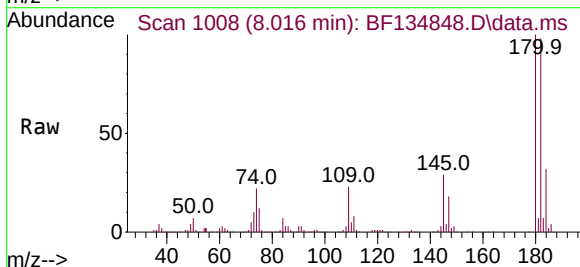
Tgt Ion:180 Resp: 374473

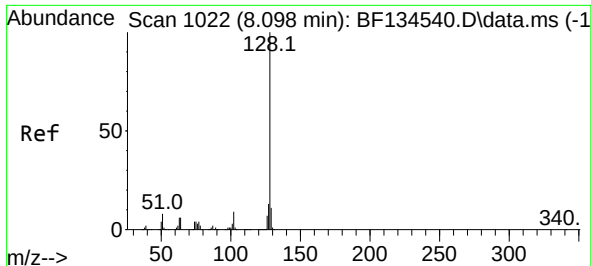
Ion Ratio Lower Upper

180 100

182 97.5 75.0 112.6

145 28.8 25.5 38.3





#31
Naphthalene
Concen: 43.981 ng
RT: 8.092 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

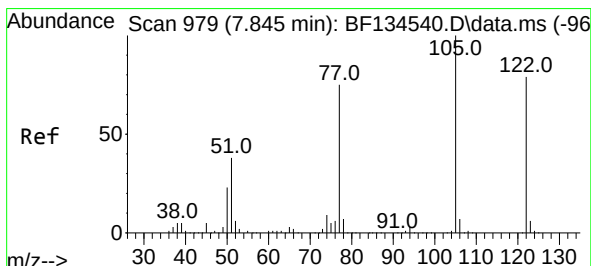
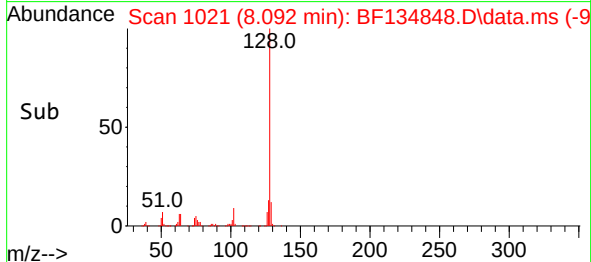
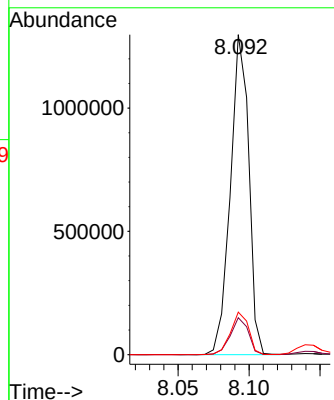
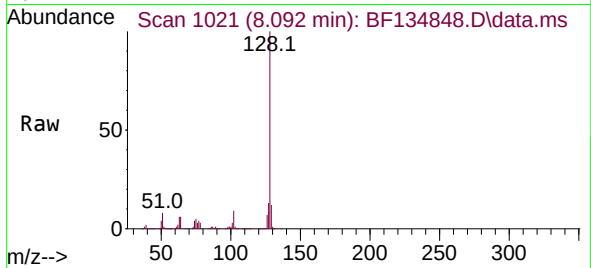
Instrument :

BNA_F

ClientSampleId :

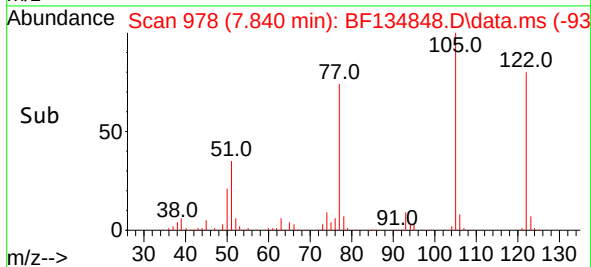
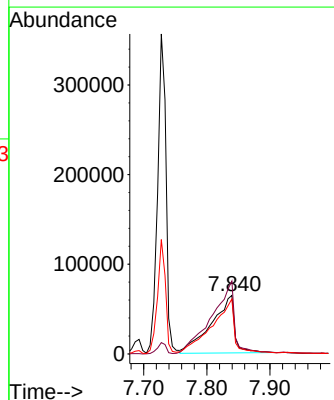
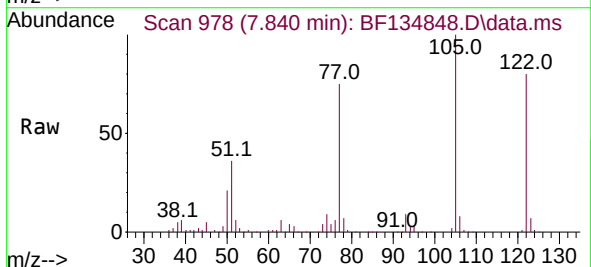
E-2MSD

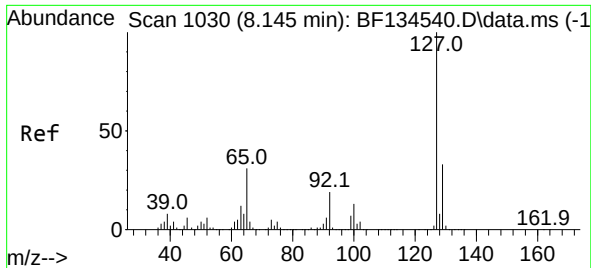
Tgt Ion:128 Resp: 1169830
Ion Ratio Lower Upper
128 100
129 11.6 8.4 12.6
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 33.637 ng
RT: 7.840 min Scan# 978
Delta R.T. -0.023 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:122 Resp: 165705
Ion Ratio Lower Upper
122 100
105 124.6 87.5 127.5
77 93.8 71.4 111.4

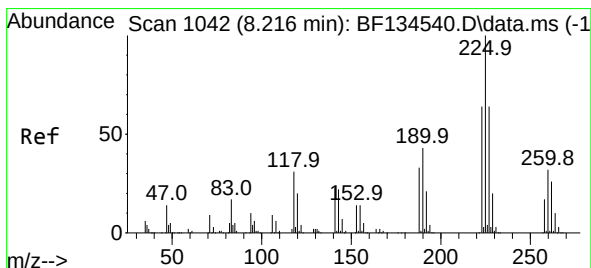
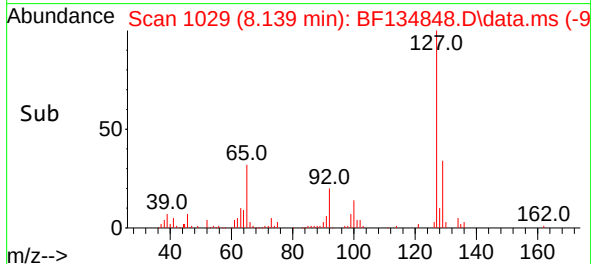
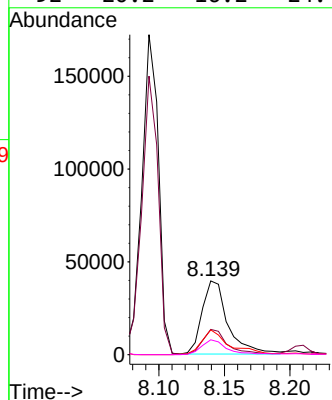
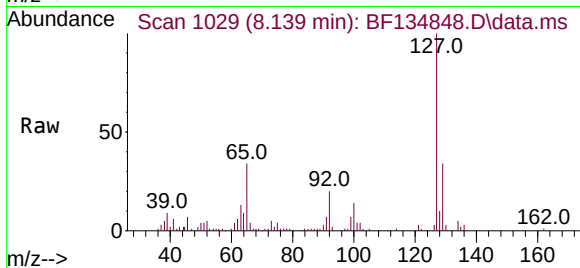




#33
4-Chloroaniline
Concen: 4.557 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

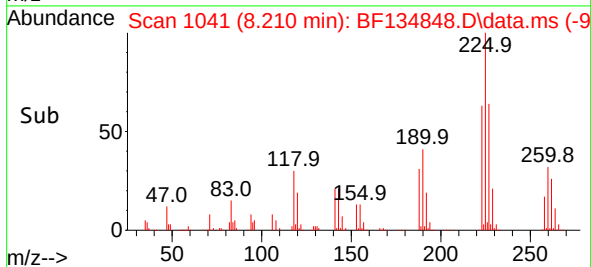
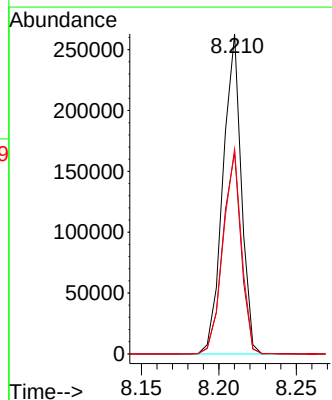
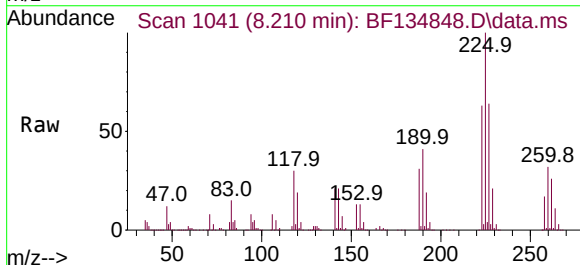
Instrument :
BNA_F
ClientSampleId :
E-2MSD

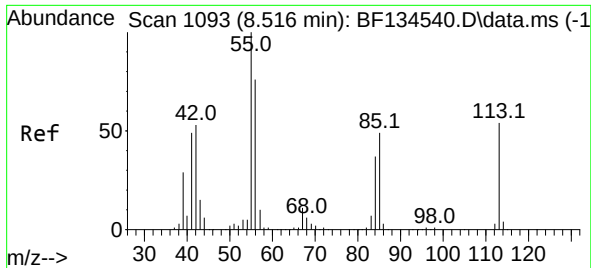
Tgt Ion:	127	Resp:	54008
Ion	Ratio	Lower	Upper
127	100		
129	34.2	25.6	38.4
65	33.5	25.4	38.0
92	20.2	16.2	24.4



#34
Hexachlorobutadiene
Concen: 47.051 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:	225	Resp:	216488
Ion	Ratio	Lower	Upper
225	100		
223	63.0	48.2	72.4
227	64.0	48.5	72.7

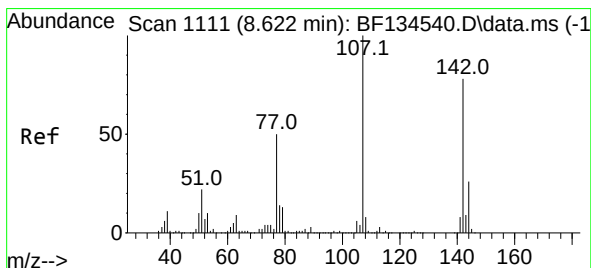
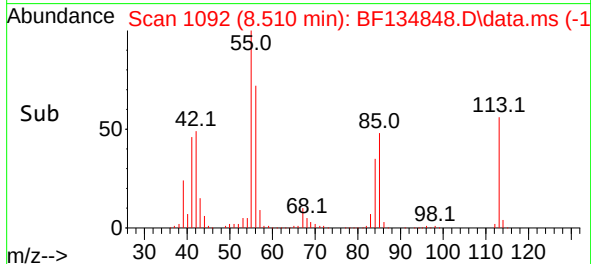
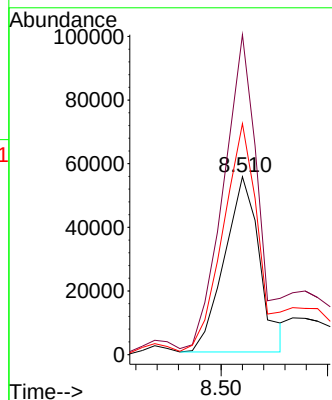
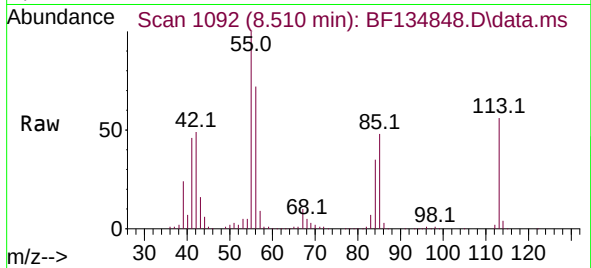




#35
 Caprolactam
 Concen: 26.298 ng
 RT: 8.510 min Scan# 1093
 Delta R.T. -0.023 min
 Lab File: BF134848.D
 Acq: 18 Aug 2023 19:17

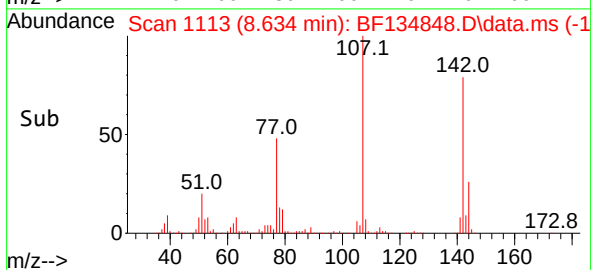
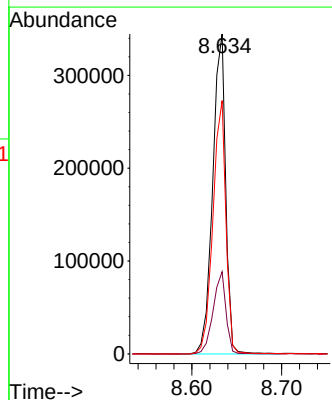
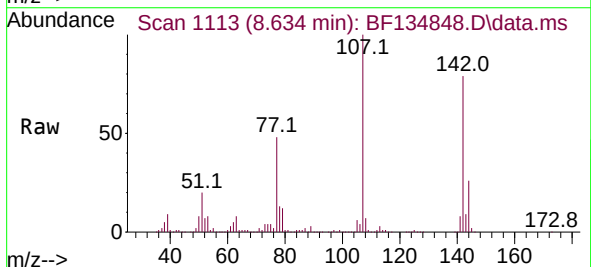
Instrument :
 BNA_F
 ClientSampleId :
 E-2MSD

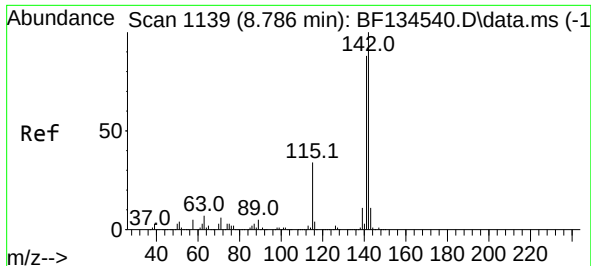
Tgt Ion:113 Resp: 63466
 Ion Ratio Lower Upper
 113 100
 55 179.9 161.5 201.5
 56 129.8 117.8 157.8



#36
 4-Chloro-3-methylphenol
 Concen: 43.692 ng
 RT: 8.634 min Scan# 1113
 Delta R.T. 0.000 min
 Lab File: BF134848.D
 Acq: 18 Aug 2023 19:17

Tgt Ion:107 Resp: 346127
 Ion Ratio Lower Upper
 107 100
 144 25.7 19.6 29.4
 142 79.2 57.7 86.5





#37

2-Methylnaphthalene

Concen: 41.744 ng

RT: 8.787 min Scan# 1139

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Instrument :

BNA_F

ClientSampleId :

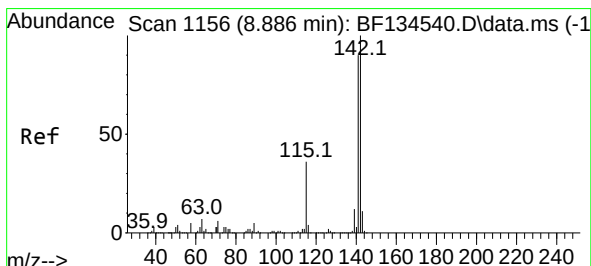
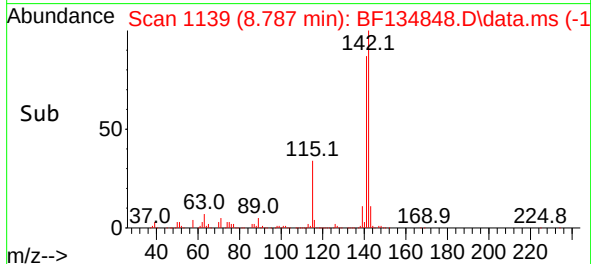
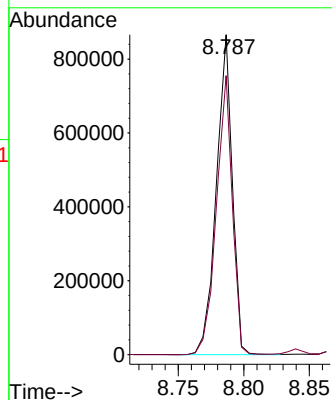
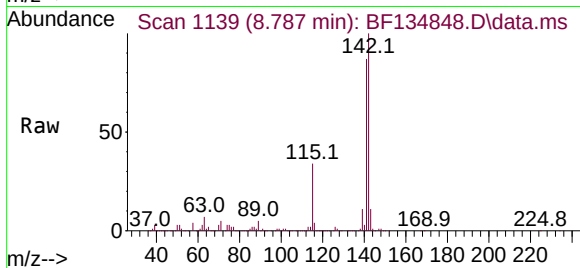
E-2MSD

Tgt Ion:142 Resp: 735968

Ion Ratio Lower Upper

142 100

141 87.2 70.8 106.2



#38

1-Methylnaphthalene

Concen: 42.667 ng

RT: 8.886 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF134848.D

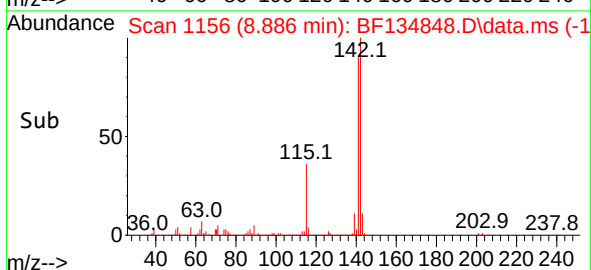
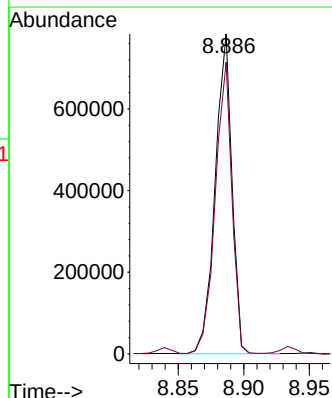
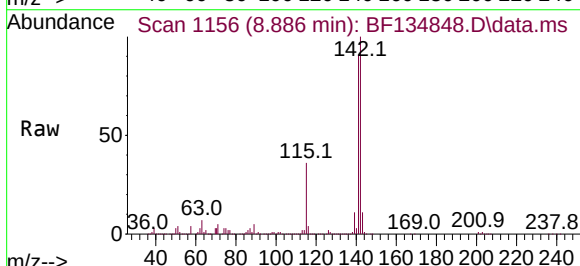
Acq: 18 Aug 2023 19:17

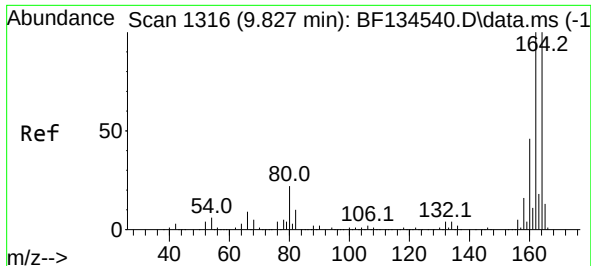
Tgt Ion:142 Resp: 699506

Ion Ratio Lower Upper

142 100

141 91.2 71.4 107.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.828 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Instrument :

BNA_F

ClientSampleId :

E-2MSD

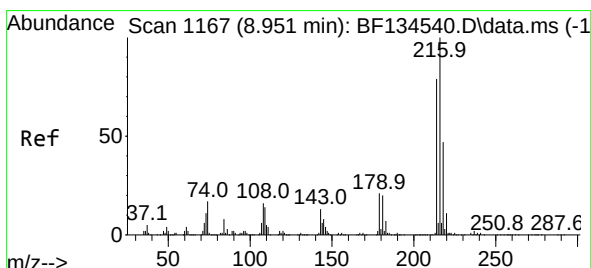
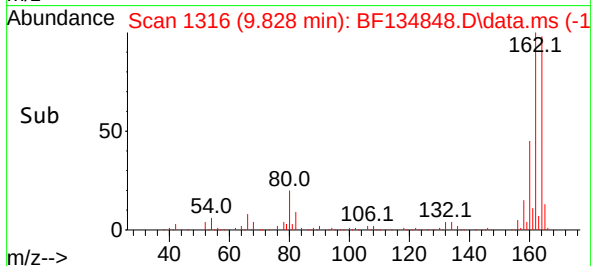
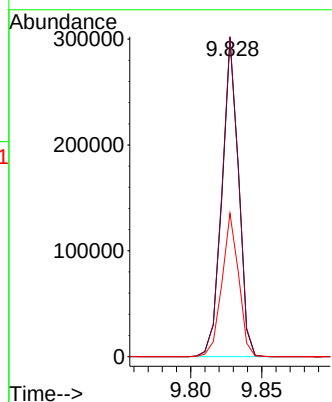
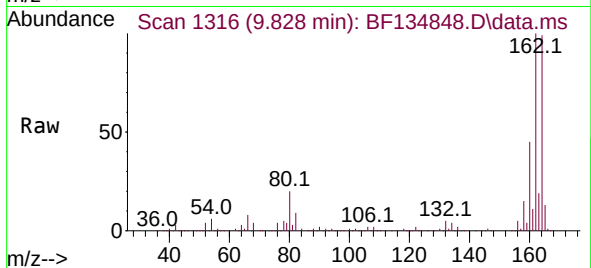
Tgt Ion:164 Resp: 243856

Ion Ratio Lower Upper

164 100

162 100.7 82.6 123.8

160 45.1 37.2 55.8



#40

1,2,4,5-Tetrachlorobenzene

Concen: 49.909 ng

RT: 8.951 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Tgt Ion:216 Resp: 353911

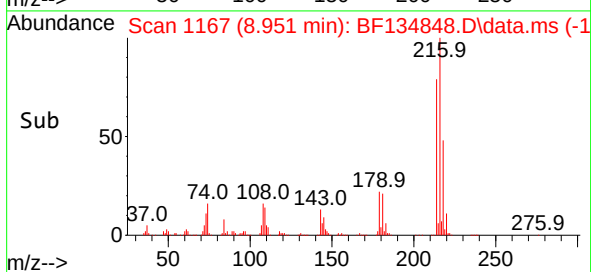
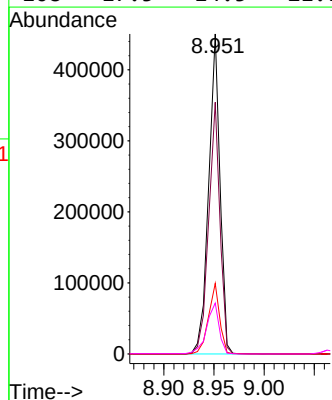
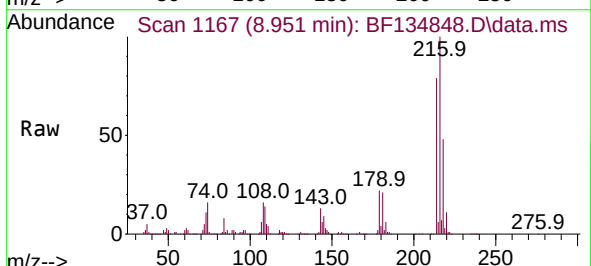
Ion Ratio Lower Upper

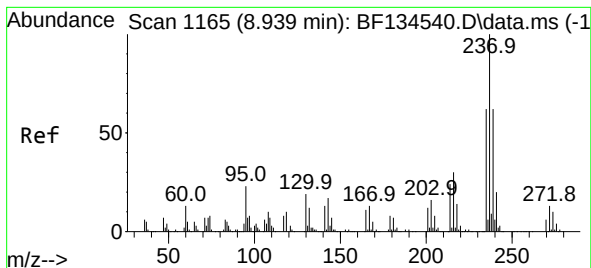
216 100

214 78.1 62.3 93.5

179 21.6 17.4 26.0

108 17.5 14.5 21.7





#41

Hexachlorocyclopentadiene

Concen: 33.899 ng

RT: 8.934 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Instrument :

BNA_F

ClientSampleId :

E-2MSD

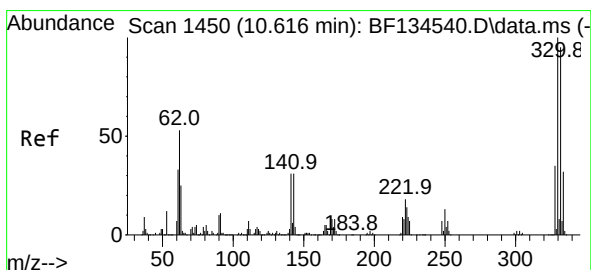
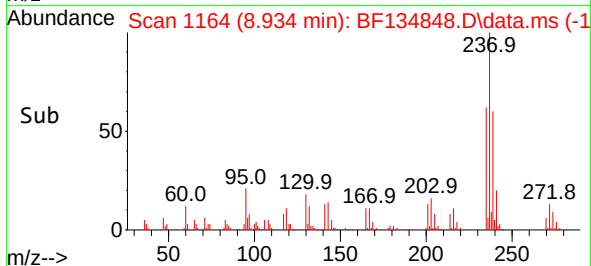
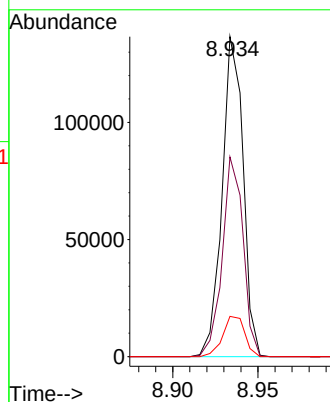
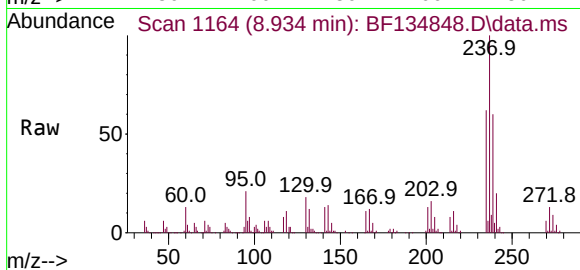
Tgt Ion:237 Resp: 116896

Ion Ratio Lower Upper

237 100

235 62.4 37.0 77.0

272 12.6 0.0 32.7



#42

2,4,6-Tribromophenol

Concen: 114.939 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

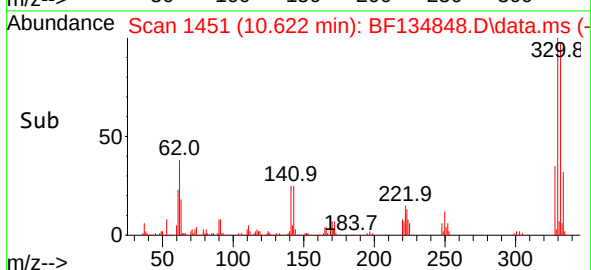
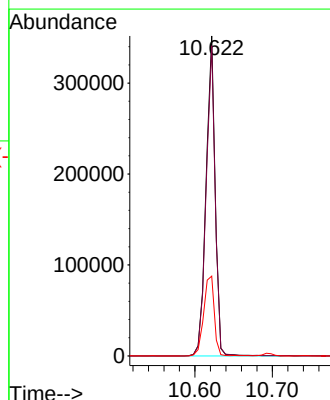
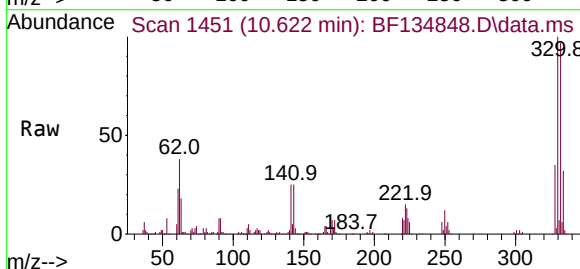
Tgt Ion:330 Resp: 285724

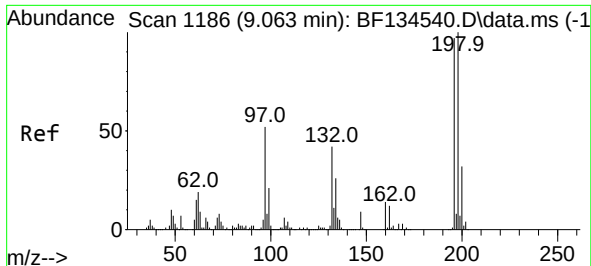
Ion Ratio Lower Upper

330 100

332 96.8 78.8 118.2

141 29.2 25.4 38.2

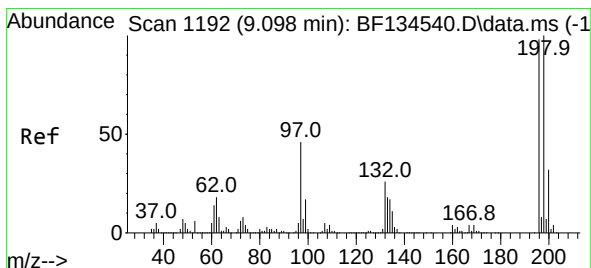
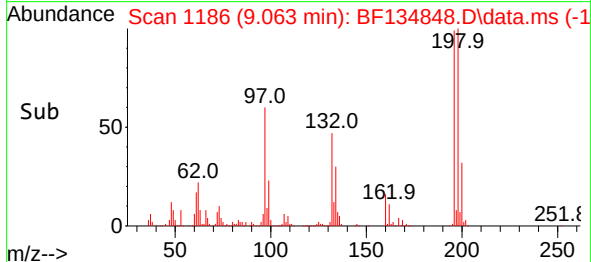
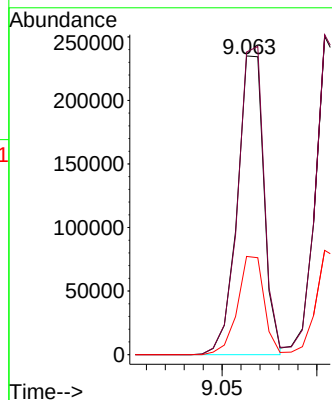
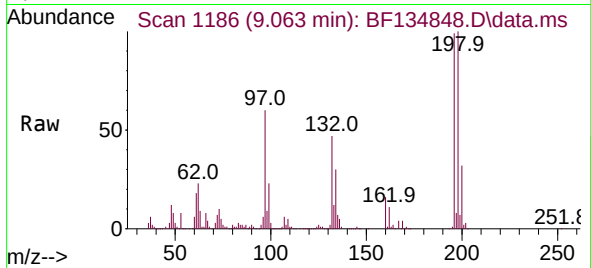




#43
 2,4,6-Trichlorophenol
 Concen: 49.432 ng
 RT: 9.063 min Scan# 1186
 Delta R.T. -0.006 min
 Lab File: BF134848.D
 Acq: 18 Aug 2023 19:17

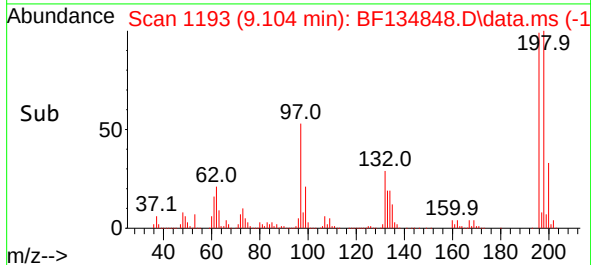
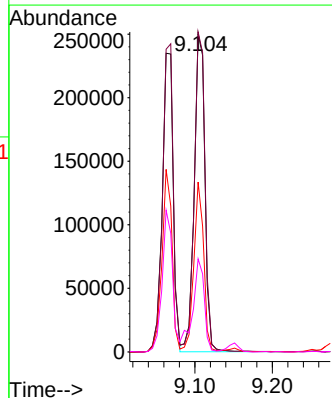
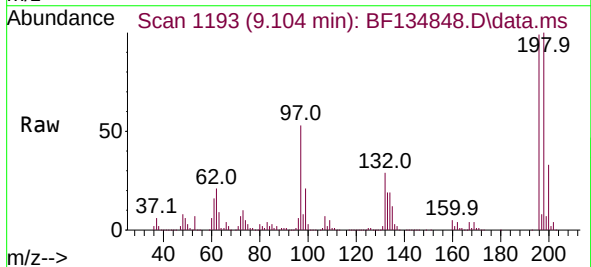
Instrument :
 BNA_F
 ClientSampleId :
 E-2MSD

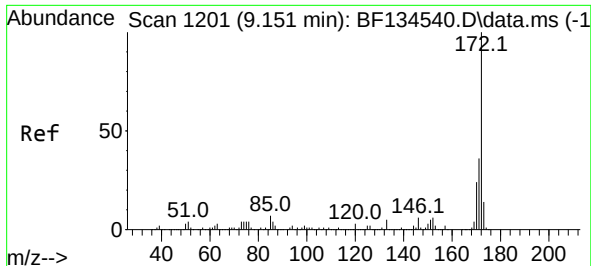
Tgt Ion:196 Resp: 229407
 Ion Ratio Lower Upper
 196 100
 198 101.3 77.4 116.2
 200 32.8 25.4 38.2



#44
 2,4,5-Trichlorophenol
 Concen: 45.095 ng
 RT: 9.104 min Scan# 1193
 Delta R.T. -0.006 min
 Lab File: BF134848.D
 Acq: 18 Aug 2023 19:17

Tgt Ion:196 Resp: 239189
 Ion Ratio Lower Upper
 196 100
 198 100.6 73.0 109.4
 97 53.4 40.8 61.2
 132 29.2 23.3 34.9

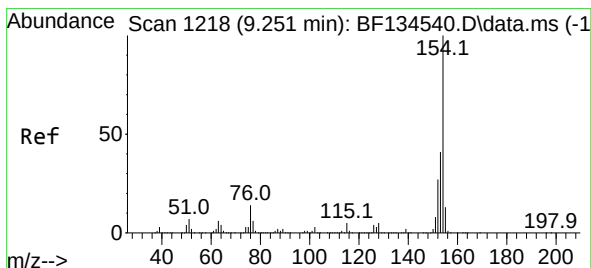
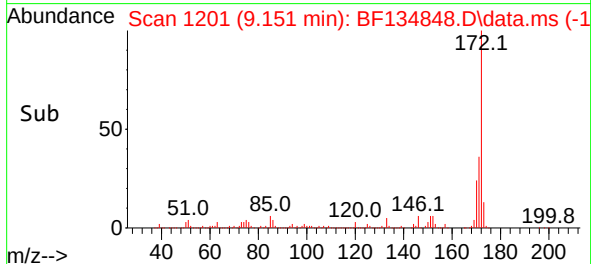
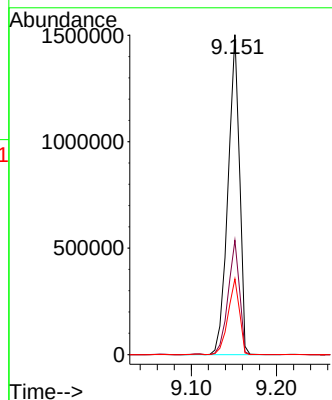
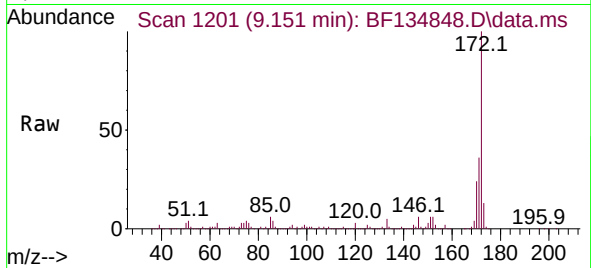




#45
2-Fluorobiphenyl
Concen: 95.779 ng
RT: 9.151 min Scan# 1201
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

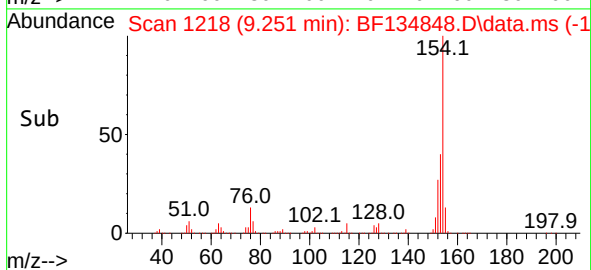
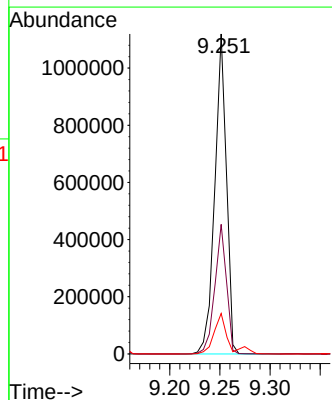
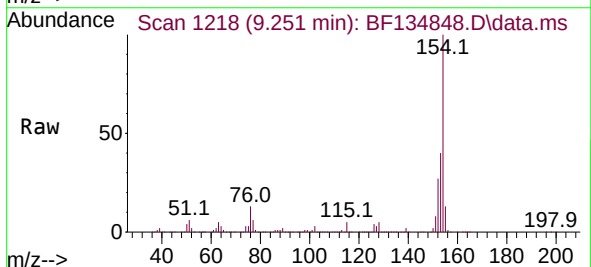
Instrument :
BNA_F
ClientSampleId :
E-2MSD

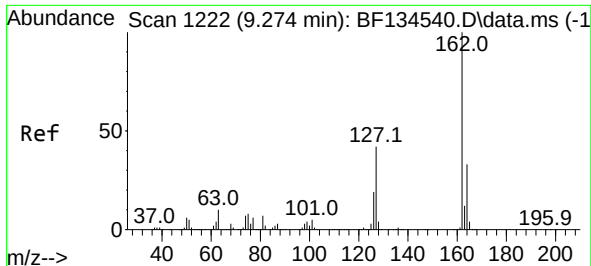
Tgt Ion:172 Resp: 1404722
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.7 18.7 28.1



#46
1,1'-Biphenyl
Concen: 47.713 ng
RT: 9.251 min Scan# 1218
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:154 Resp: 904771
Ion Ratio Lower Upper
154 100
153 40.5 20.8 60.8
76 12.6 0.0 30.2





#47

2-Chloronaphthalene

Concen: 47.830 ng

RT: 9.275 min Scan# 1222

Delta R.T. -0.012 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Instrument :

BNA_F

ClientSampleId :

E-2MSD

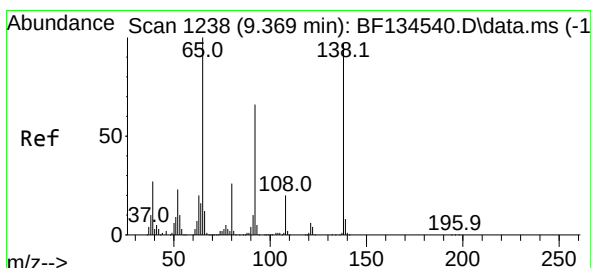
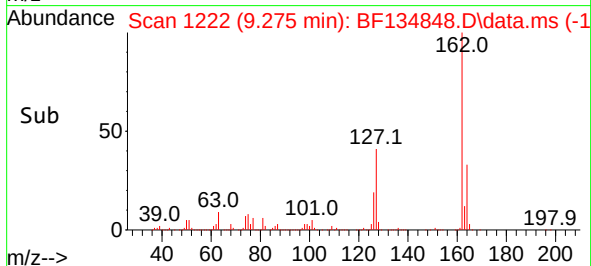
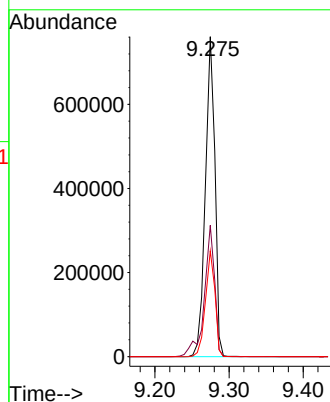
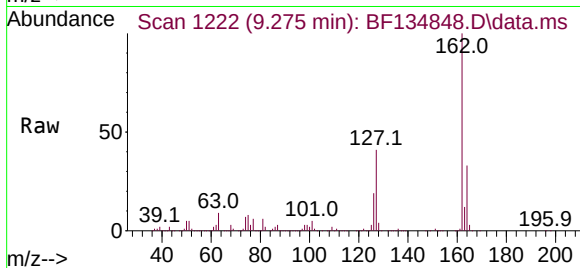
Tgt Ion:162 Resp: 679618

Ion Ratio Lower Upper

162 100

127 41.0 34.0 51.0

164 33.0 25.7 38.5



#48

2-Nitroaniline

Concen: 47.859 ng

RT: 9.375 min Scan# 1239

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

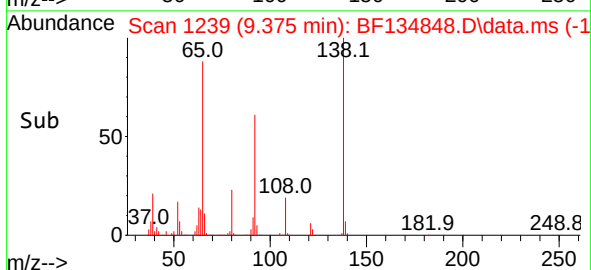
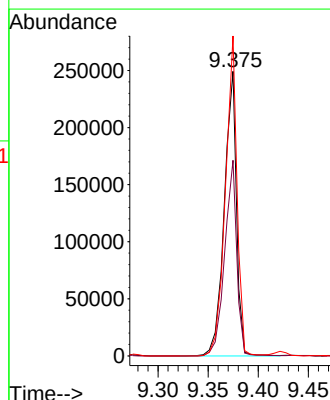
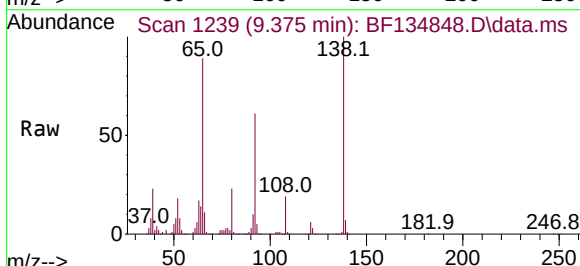
Tgt Ion: 65 Resp: 211961

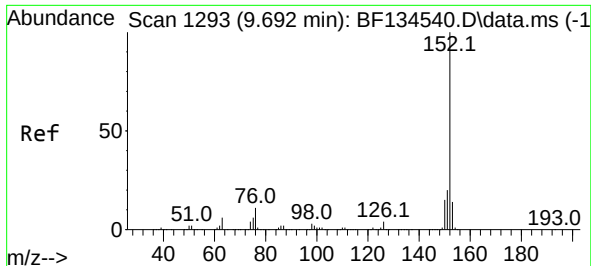
Ion Ratio Lower Upper

65 100

92 68.7 50.7 76.1

138 112.5 78.2 117.4

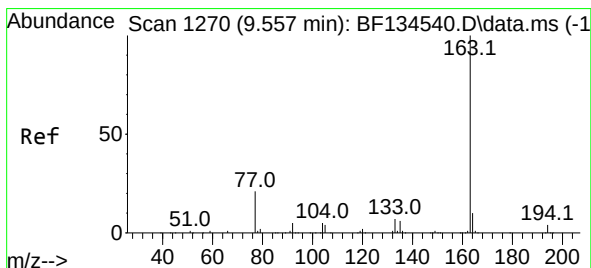
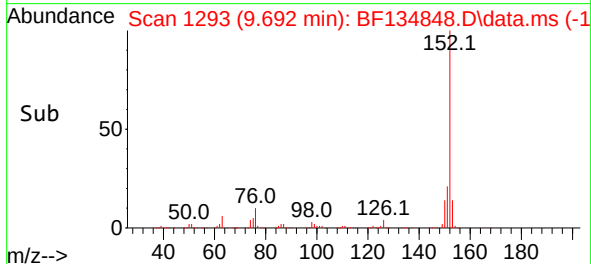
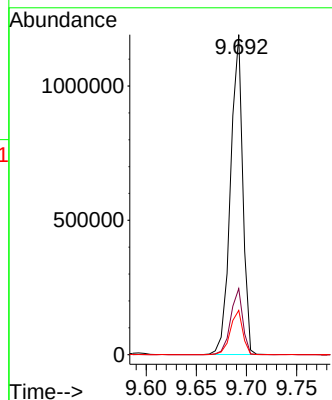
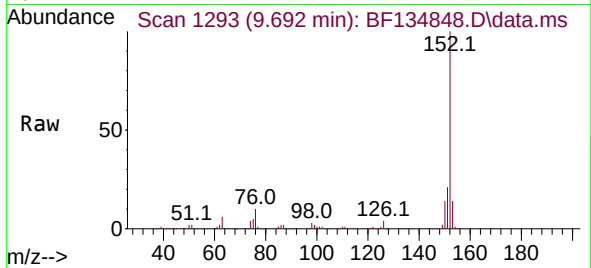




#49
Acenaphthylene
Concen: 45.320 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

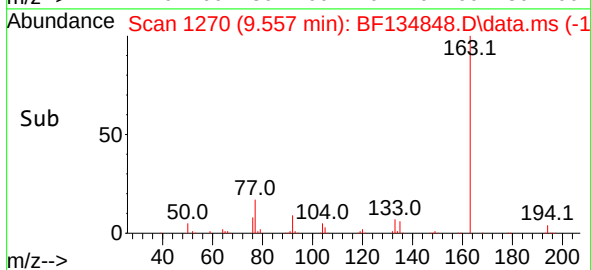
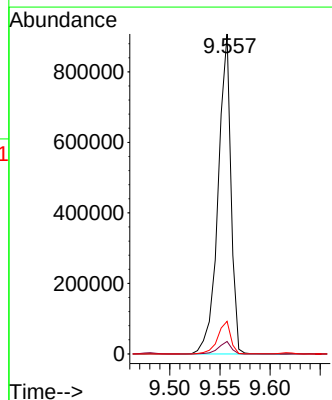
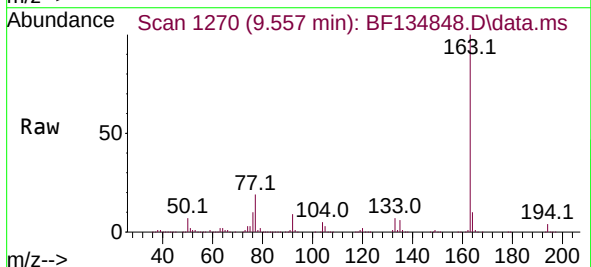
Instrument :
BNA_F
ClientSampleId :
E-2MSD

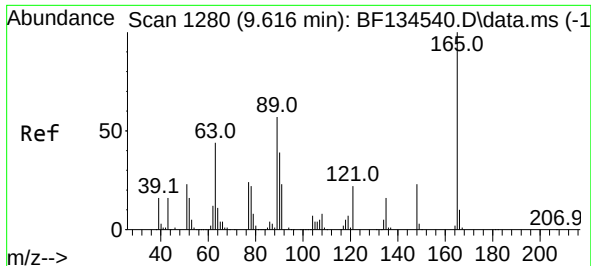
Tgt Ion:152 Resp: 1012231
Ion Ratio Lower Upper
152 100
151 20.6 16.4 24.6
153 13.8 10.9 16.3



#50
Dimethylphthalate
Concen: 48.651 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:163 Resp: 808612
Ion Ratio Lower Upper
163 100
194 3.9 3.3 4.9
164 10.2 7.5 11.3

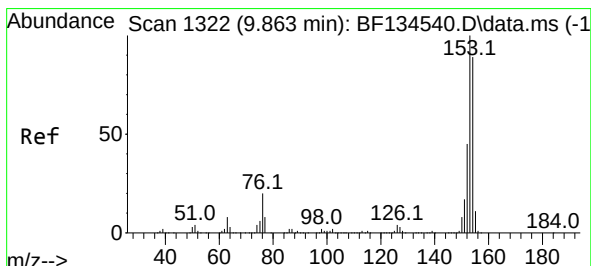
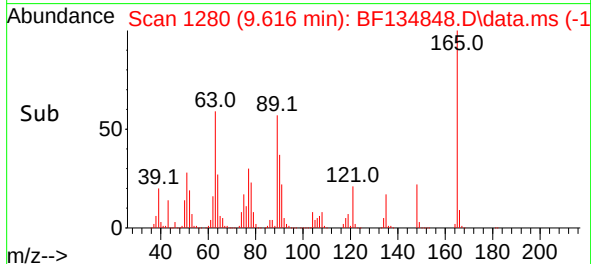
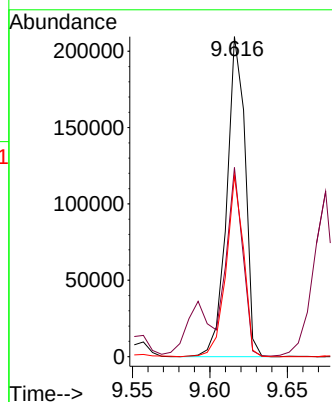
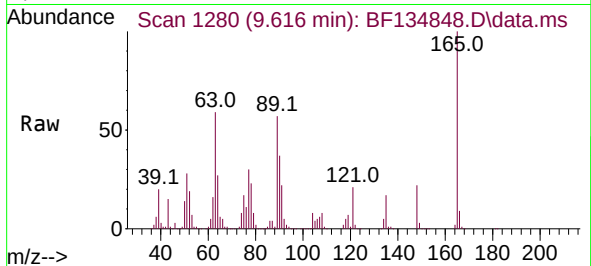




#51
2,6-Dinitrotoluene
Concen: 50.694 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

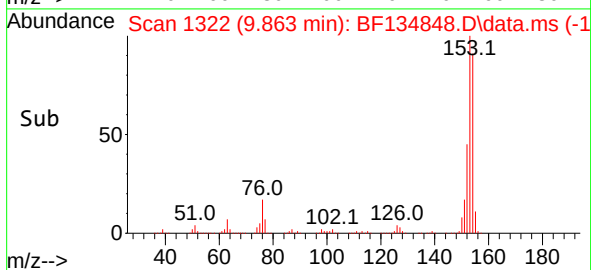
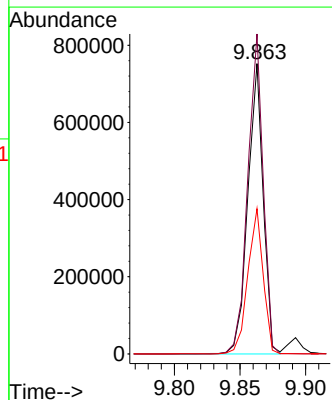
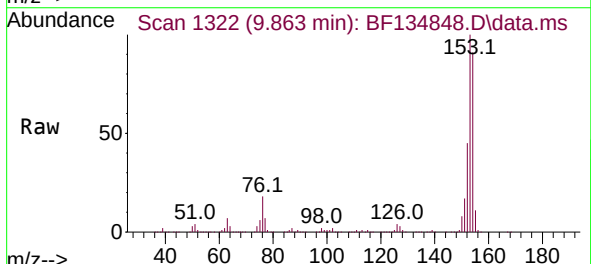
Instrument :
BNA_F
ClientSampleId :
E-2MSD

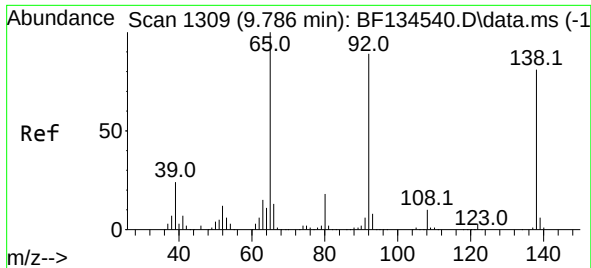
Tgt Ion:165 Resp: 173136
Ion Ratio Lower Upper
165 100
63 59.1 57.8 86.6
89 56.5 51.8 77.8



#52
Acenaphthene
Concen: 42.249 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:154 Resp: 611511
Ion Ratio Lower Upper
154 100
153 110.2 90.0 135.0
152 50.0 42.4 63.6

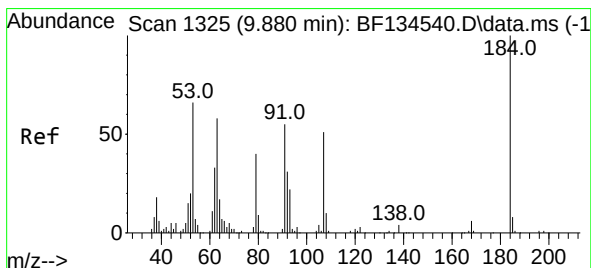
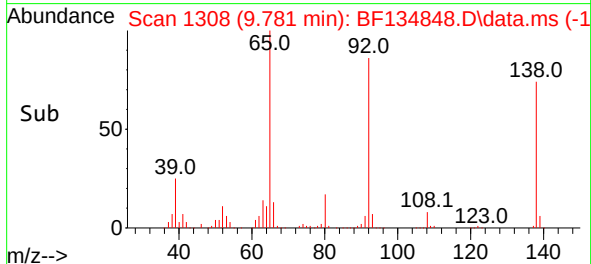
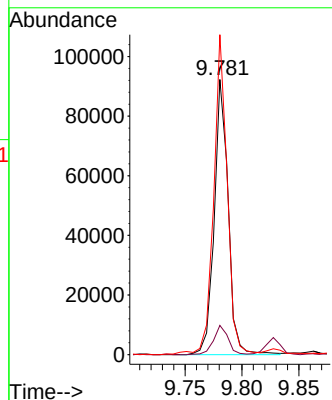
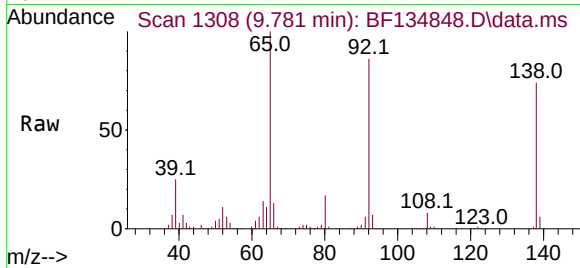




#53
3-Nitroaniline
Concen: 21.305 ng
RT: 9.781 min Scan# 1309
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

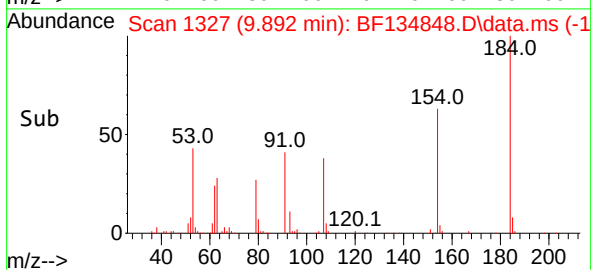
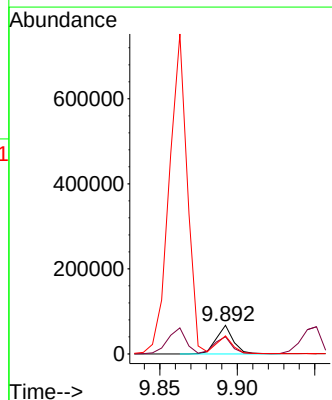
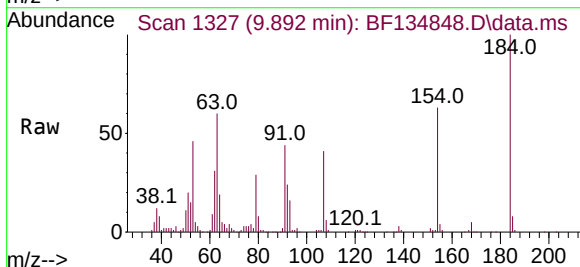
Instrument :
BNA_F
ClientSampleId :
E-2MSD

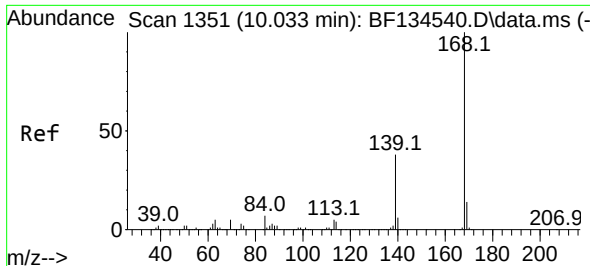
Tgt Ion:138 Resp: 78924
Ion Ratio Lower Upper
138 100
108 10.6 9.3 13.9
92 116.3 86.6 129.8



#54
2,4-Dinitrophenol
Concen: 47.030 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:184 Resp: 50964
Ion Ratio Lower Upper
184 100
63 60.4 57.1 85.7
154 63.0 59.1 88.7

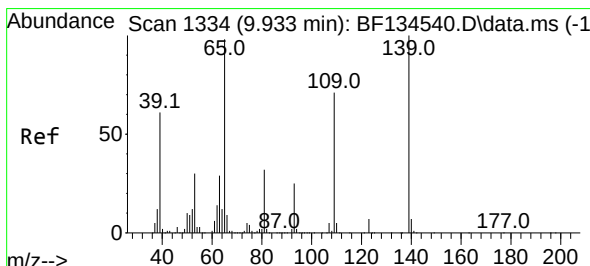
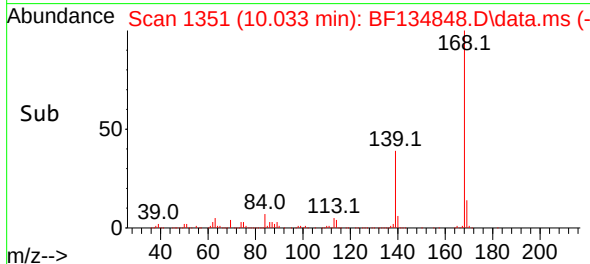
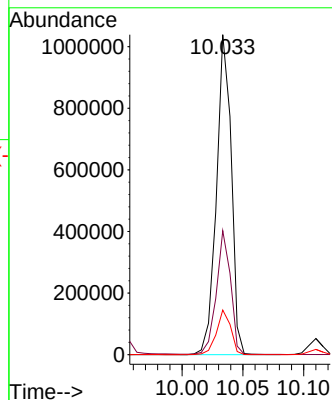
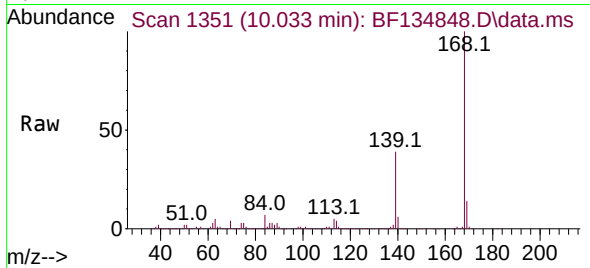




#55
Dibenzofuran
Concen: 42.670 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

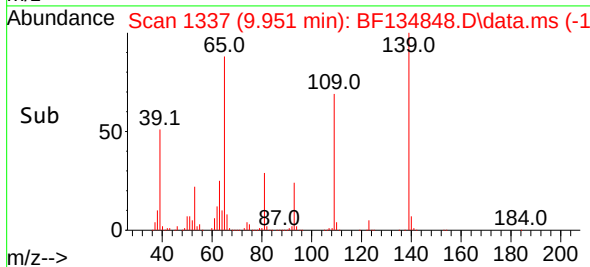
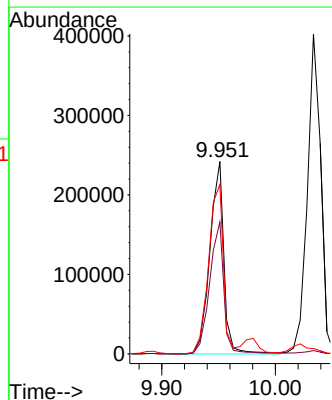
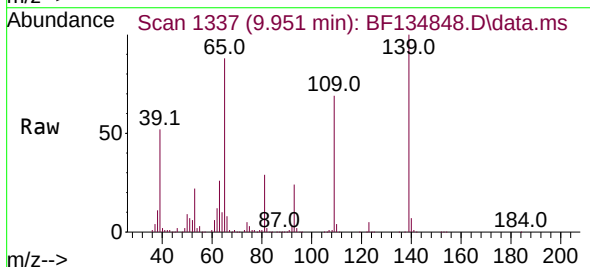
Instrument :
BNA_F
ClientSampleId :
E-2MSD

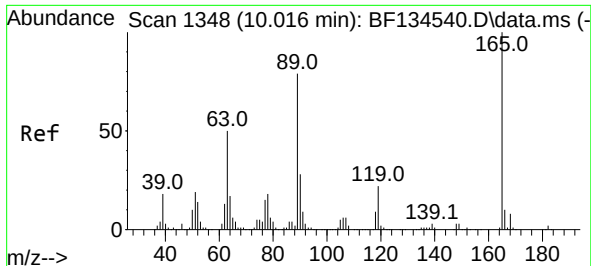
Tgt Ion:168 Resp: 879206
Ion Ratio Lower Upper
168 100
139 38.7 33.4 50.2
169 13.9 10.6 15.8



#56
4-Nitrophenol
Concen: 68.627 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:139 Resp: 207930
Ion Ratio Lower Upper
139 100
109 68.6 76.9 116.9#
65 88.0 98.5 138.5#

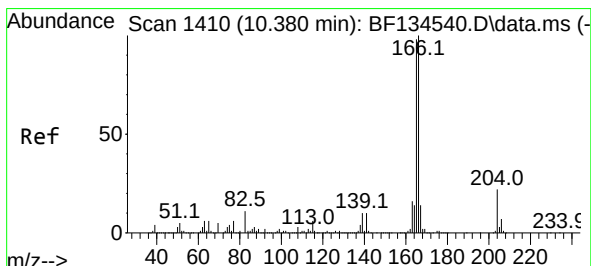
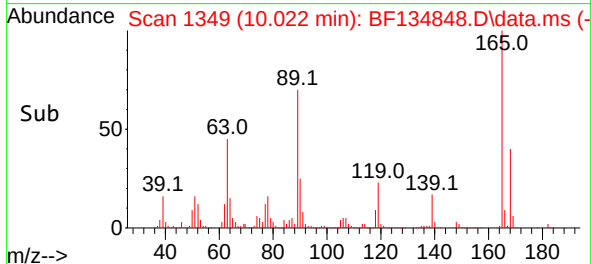
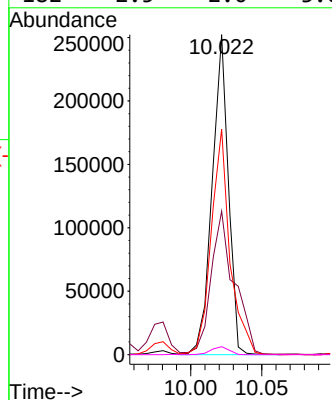
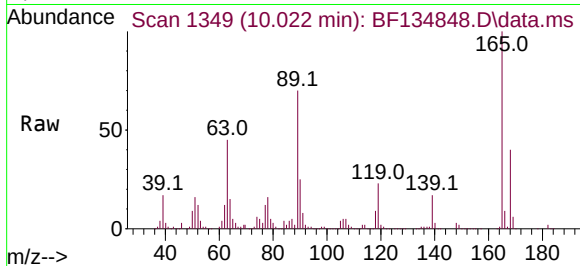




#57
2,4-Dinitrotoluene
Concen: 48.743 ng
RT: 10.022 min Scan# 1348
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

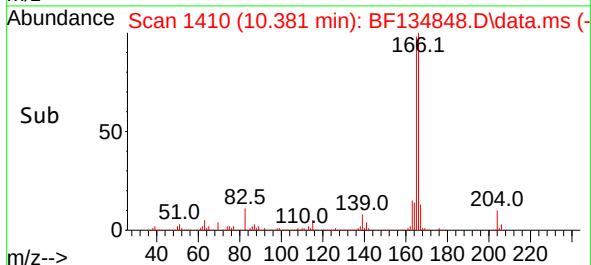
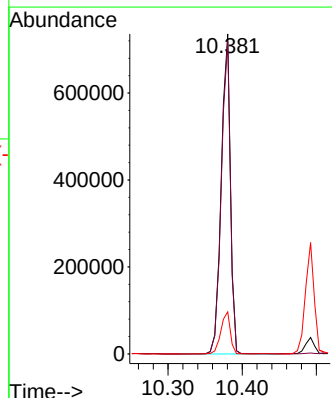
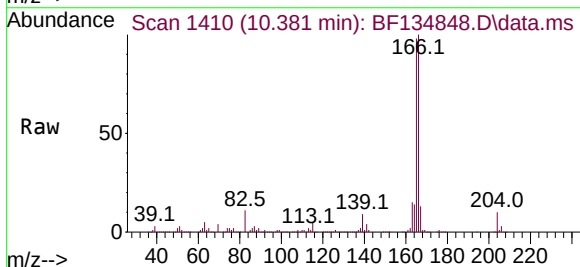
Instrument :
BNA_F
ClientSampleId :
E-2MSD

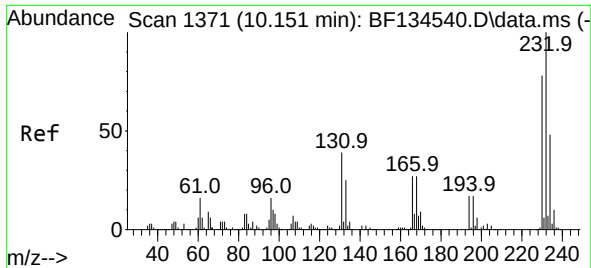
Tgt Ion:165 Resp: 200679
Ion Ratio Lower Upper
165 100
63 44.8 48.9 73.3#
89 70.5 61.7 92.5
182 2.5 2.0 3.0



#58
Fluorene
Concen: 42.027 ng
RT: 10.381 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:166 Resp: 630752
Ion Ratio Lower Upper
166 100
165 97.6 74.5 111.7
167 13.1 10.6 16.0





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.742 ng

RT: 10.110 min Scan# 1364

Delta R.T. -0.047 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Instrument :

BNA_F

ClientSampleId :

E-2MSD

Tgt Ion:232 Resp: 179358

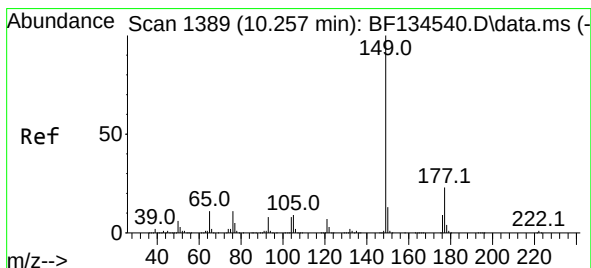
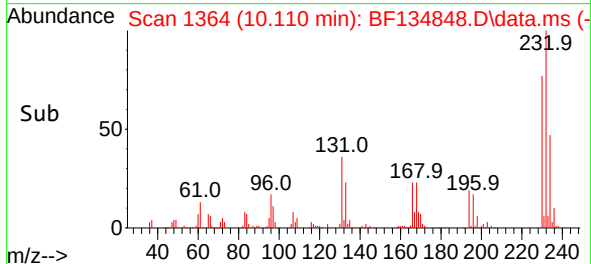
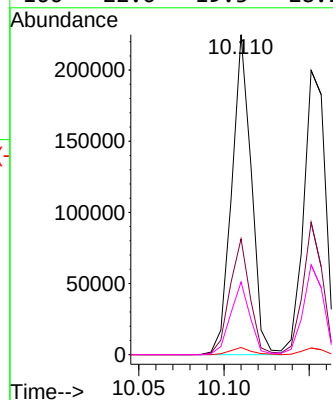
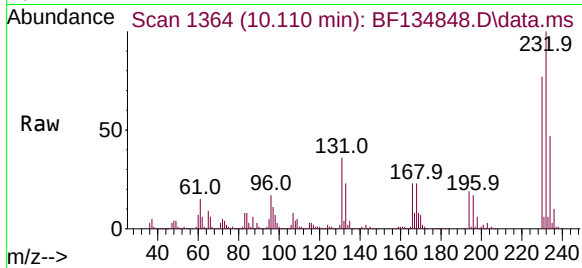
Ion Ratio Lower Upper

232 100

131 37.1 33.4 50.0

130 2.3 1.8 2.6

166 22.6 19.3 28.9



#60

Diethylphthalate

Concen: 45.293 ng

RT: 10.257 min Scan# 1389

Delta R.T. -0.012 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

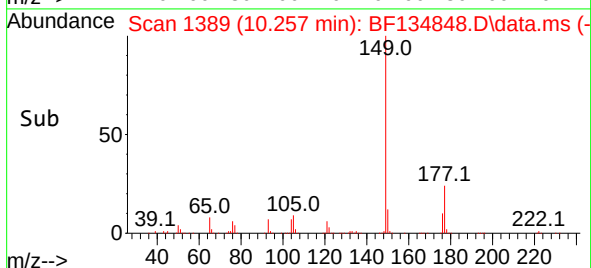
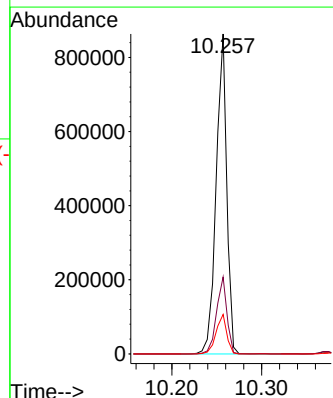
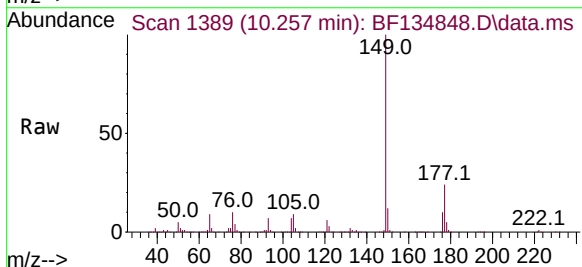
Tgt Ion:149 Resp: 713535

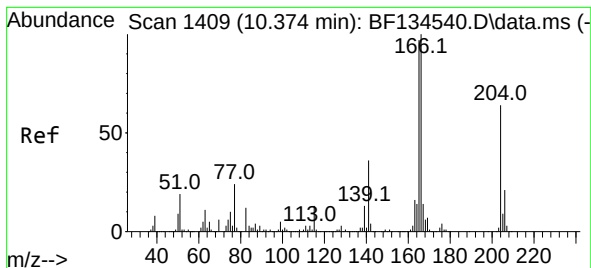
Ion Ratio Lower Upper

149 100

177 24.0 17.0 25.4

150 12.4 9.9 14.9

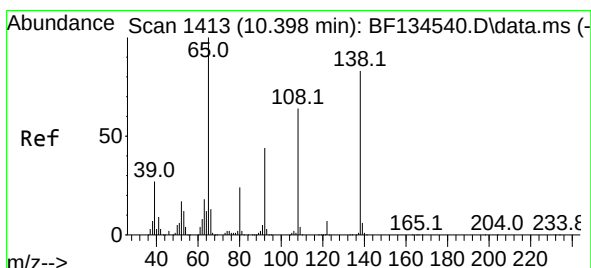
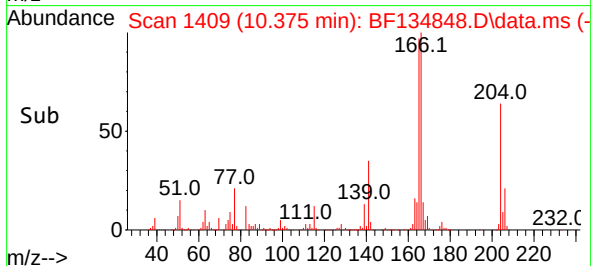
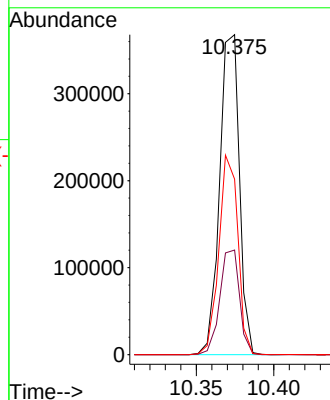
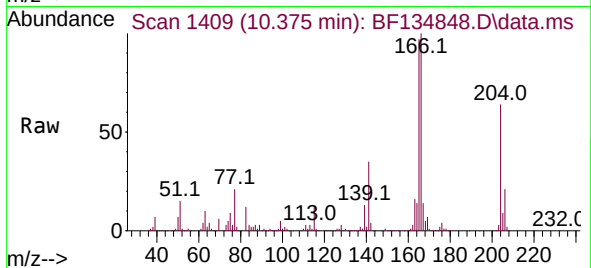




#61
4-Chlorophenyl-phenylether
Concen: 44.287 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

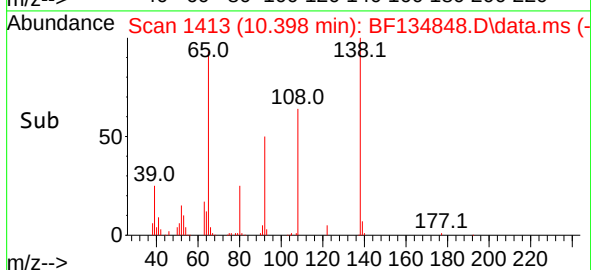
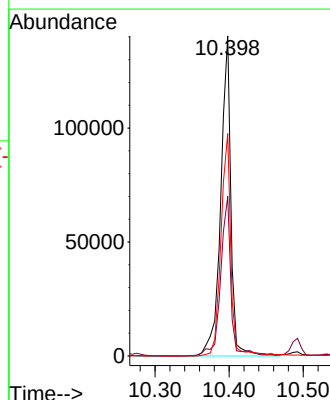
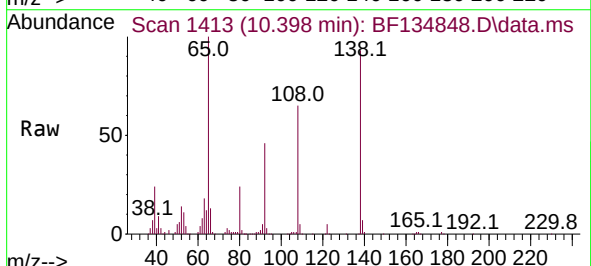
Instrument :
BNA_F
ClientSampleId :
E-2MSD

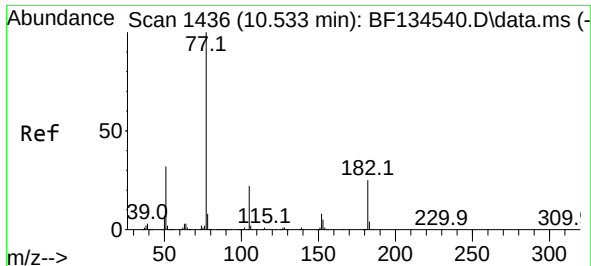
Tgt Ion:204 Resp: 326700
Ion Ratio Lower Upper
204 100
206 32.7 26.0 39.0
141 54.8 52.2 78.4



#62
4-Nitroaniline
Concen: 36.924 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:138 Resp: 134073
Ion Ratio Lower Upper
138 100
92 49.8 27.0 67.0
108 69.5 70.4 110.4#

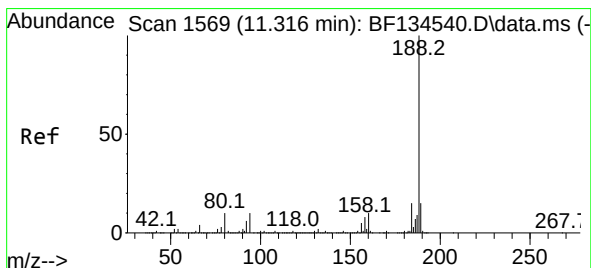
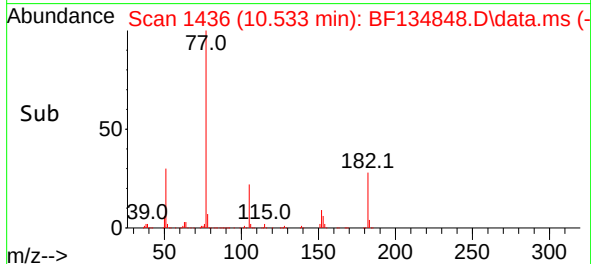
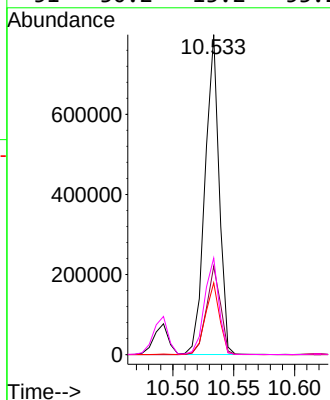
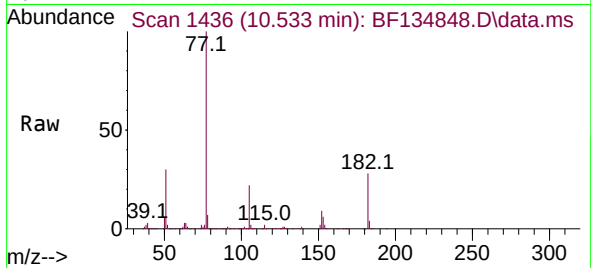




#63
 Azobenzene
 Concen: 38.027 ng
 RT: 10.533 min Scan# 1436
 Delta R.T. -0.006 min
 Lab File: BF134848.D
 Acq: 18 Aug 2023 19:17

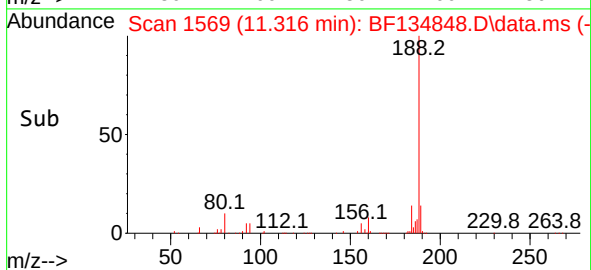
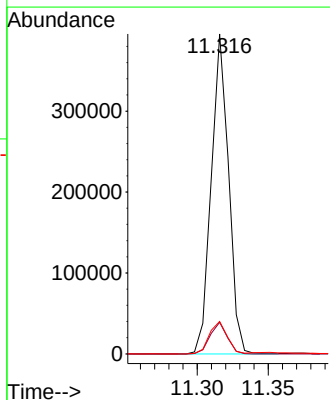
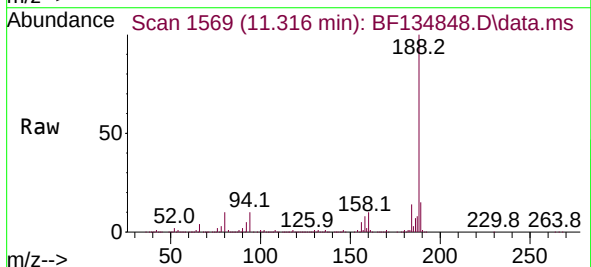
Instrument :
 BNA_F
 ClientSampleId :
 E-2MSD

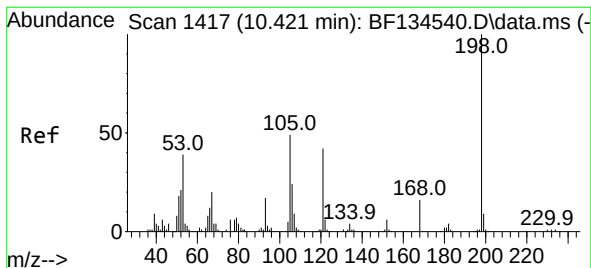
Tgt Ion: 77	Resp: 643658
Ion Ratio	Lower Upper
77 100	
182 27.6	7.5 47.5
105 22.4	1.9 41.9
51 30.2	13.2 53.2



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.316 min Scan# 1569
 Delta R.T. -0.006 min
 Lab File: BF134848.D
 Acq: 18 Aug 2023 19:17

Tgt Ion: 188	Resp: 336256
Ion Ratio	Lower Upper
188 100	
94 9.9	5.1 7.7#
80 10.1	6.6 9.8#

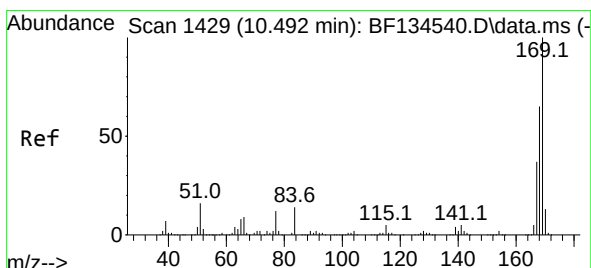
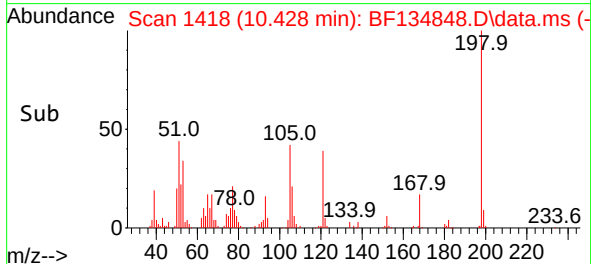
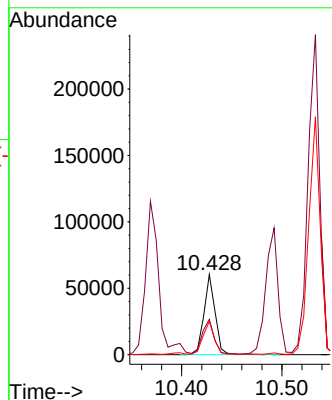
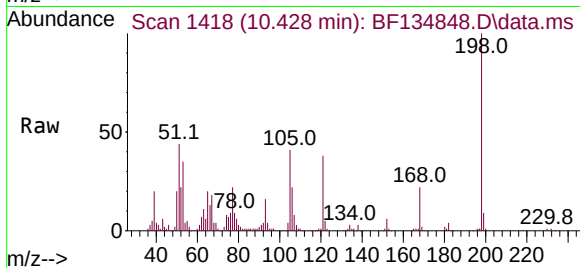




#65
4,6-Dinitro-2-methylphenol
Concen: 36.569 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

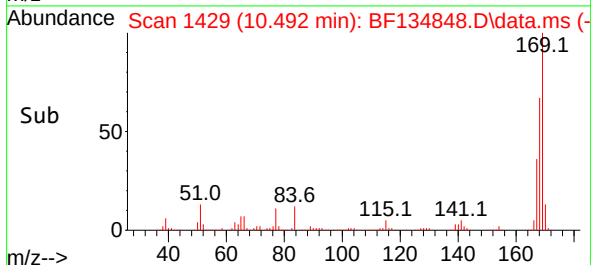
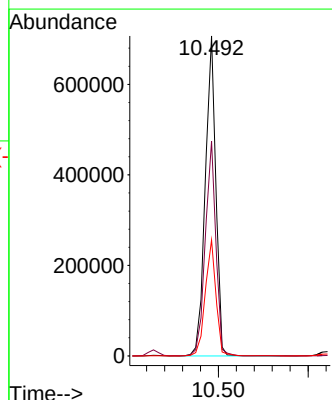
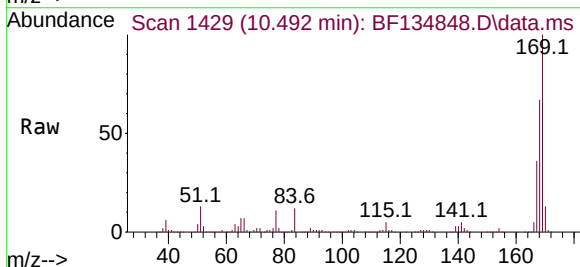
Instrument :
BNA_F
ClientSampleId :
E-2MSD

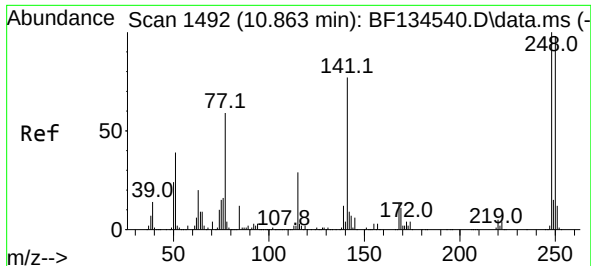
Tgt Ion:198 Resp: 46262
Ion Ratio Lower Upper
198 100
51 44.0 38.6 78.6
105 41.4 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 53.877 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:169 Resp: 576633
Ion Ratio Lower Upper
169 100
168 67.1 52.6 78.8
167 36.2 29.8 44.8

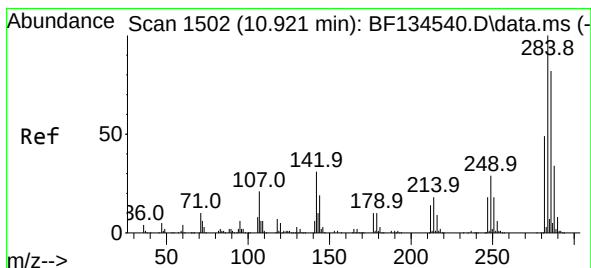
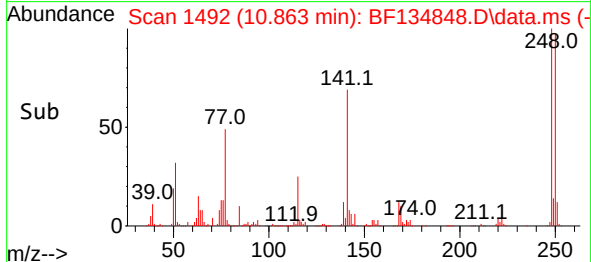
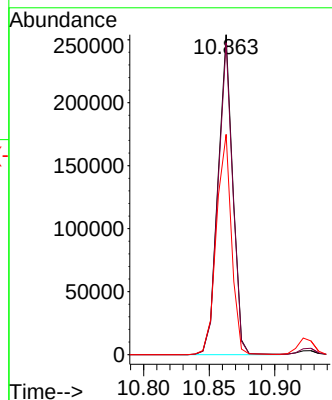
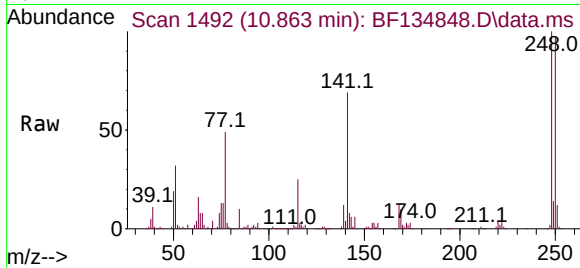




#67
4-Bromophenyl-phenylether
Concen: 53.886 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

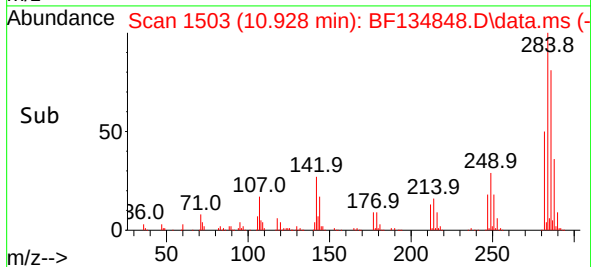
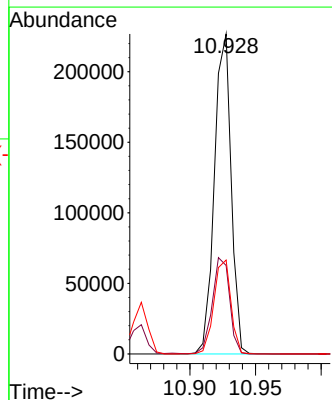
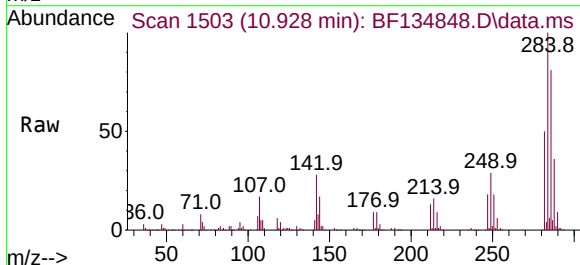
Instrument :
BNA_F
ClientSampleId :
E-2MSD

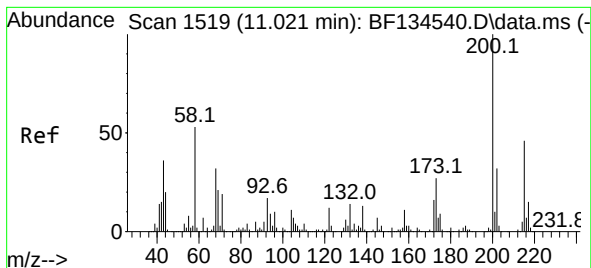
Tgt Ion:248 Resp: 198350
Ion Ratio Lower Upper
248 100
250 97.5 79.6 119.4
141 68.8 59.6 89.4



#68
Hexachlorobenzene
Concen: 51.809 ng
RT: 10.928 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:284 Resp: 201382
Ion Ratio Lower Upper
284 100
142 27.7 26.5 39.7
249 29.3 23.8 35.8





#69

Atrazine

Concen: 63.418 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.012 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Instrument :

BNA_F

ClientSampleId :

E-2MSD

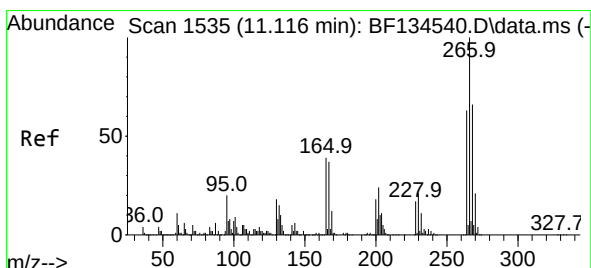
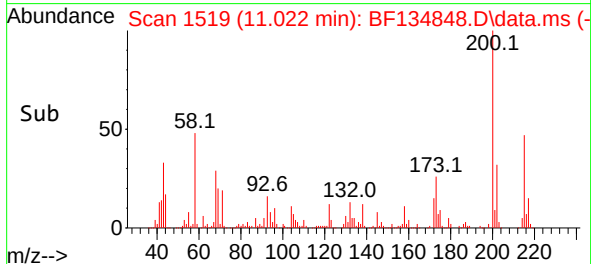
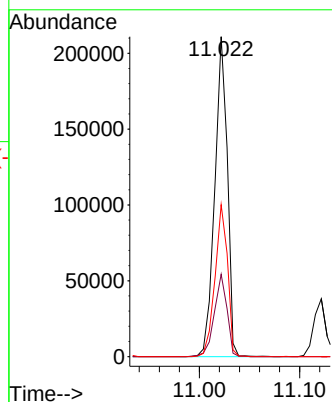
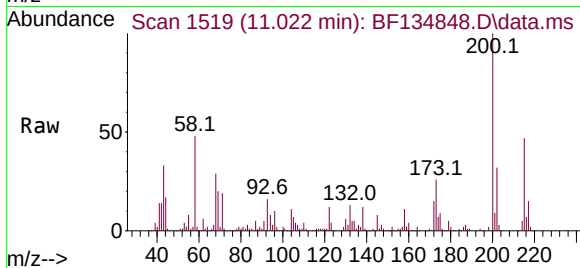
Tgt Ion:200 Resp: 182946

Ion Ratio Lower Upper

200 100

173 25.7 6.1 46.1

215 47.5 29.7 69.7



#70

Pentachlorophenol

Concen: 71.742 ng

RT: 11.122 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

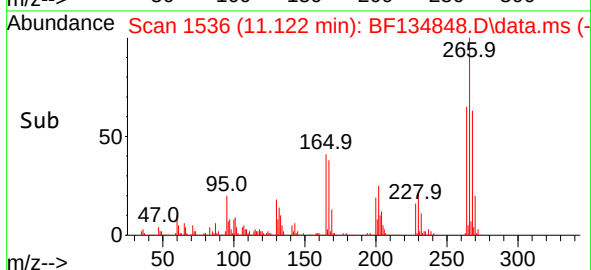
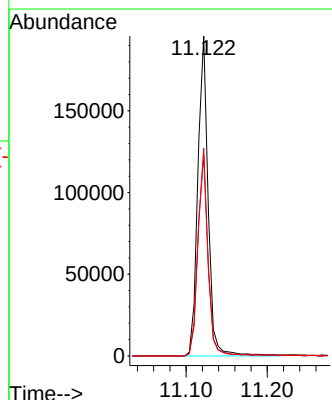
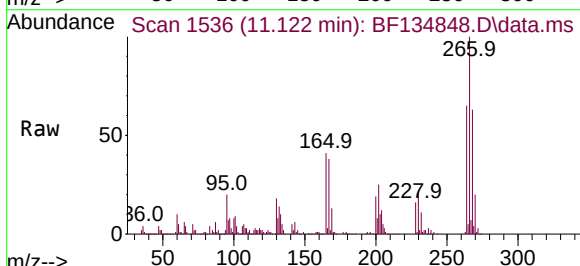
Tgt Ion:266 Resp: 172661

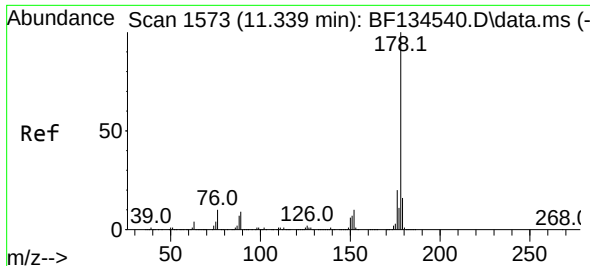
Ion Ratio Lower Upper

266 100

268 62.8 52.9 79.3

264 64.9 47.8 71.6

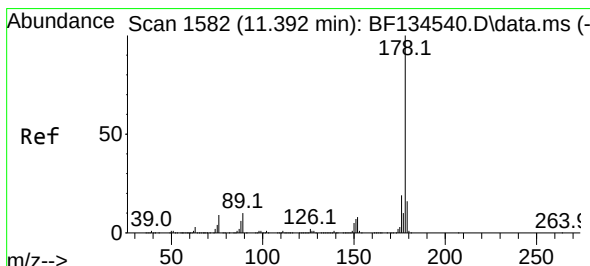
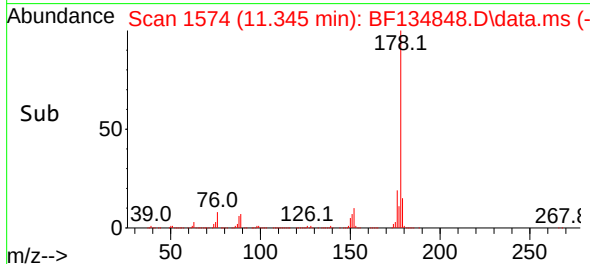
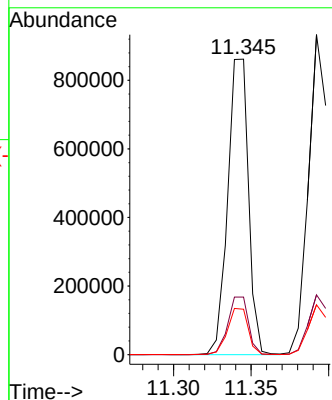
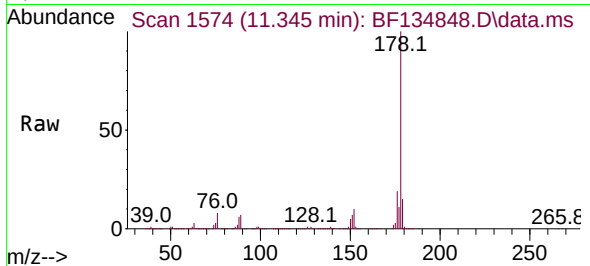




#71
Phenanthrene
Concen: 45.028 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

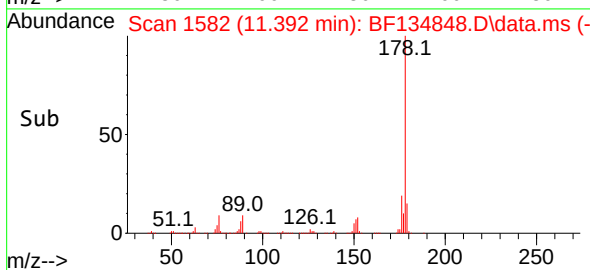
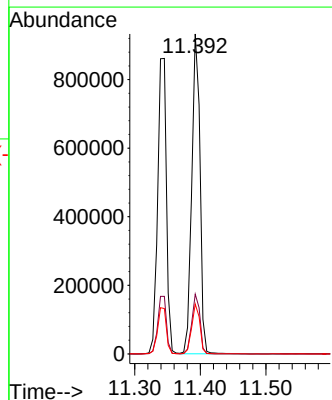
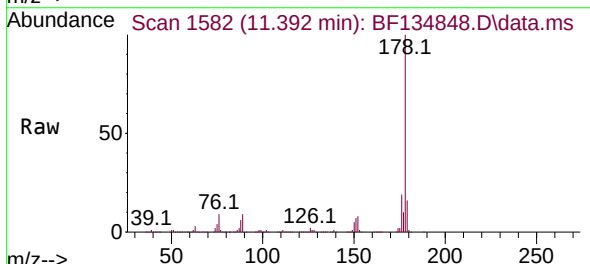
Instrument :
BNA_F
ClientSampleId :
E-2MSD

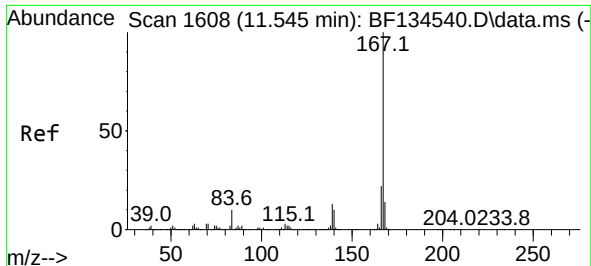
Tgt Ion:178 Resp: 804224
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.3 12.7 19.1



#72
Anthracene
Concen: 44.776 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.012 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:178 Resp: 816872
Ion Ratio Lower Upper
178 100
176 18.7 14.6 21.8
179 15.6 12.3 18.5

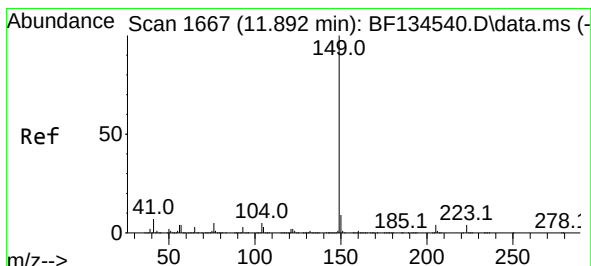
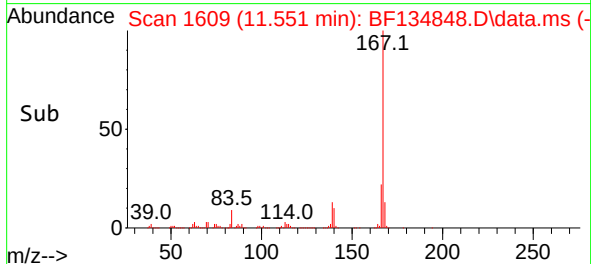
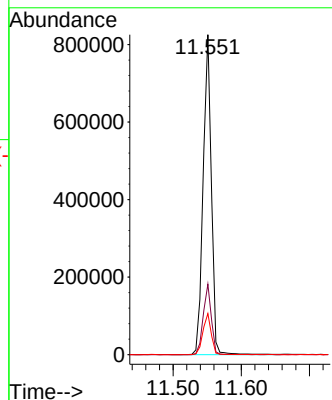
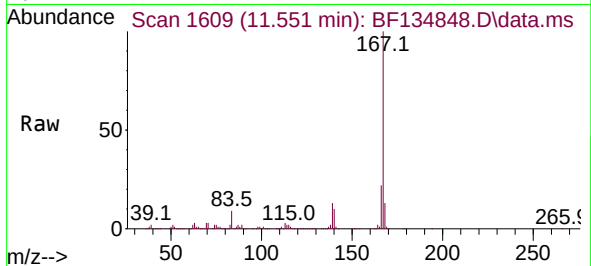




#73
 Carbazole
 Concen: 42.580 ng
 RT: 11.551 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF134848.D
 Acq: 18 Aug 2023 19:17

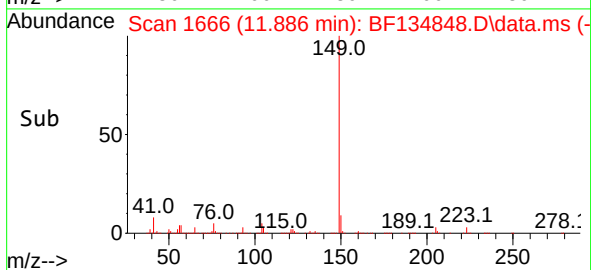
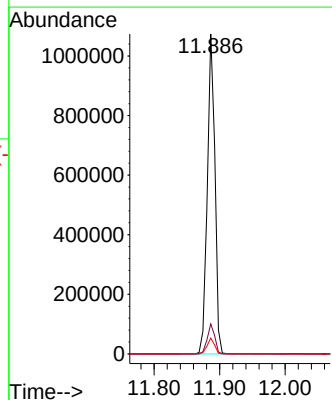
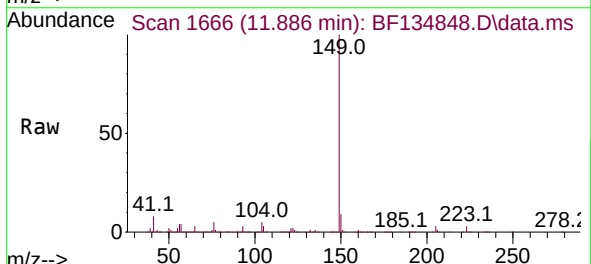
Instrument :
 BNA_F
 ClientSampleId :
 E-2MSD

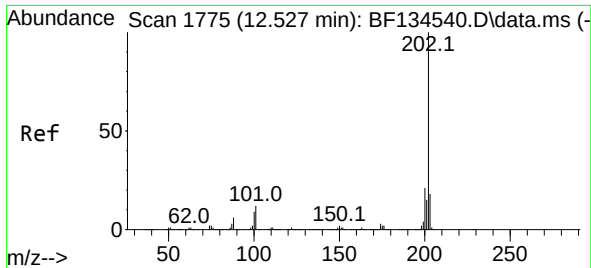
Tgt Ion:167 Resp: 693593
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.5 26.3
 139 12.8 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 49.340 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.012 min
 Lab File: BF134848.D
 Acq: 18 Aug 2023 19:17

Tgt Ion:149 Resp: 853864
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.2 10.8
 104 4.9 3.8 5.8

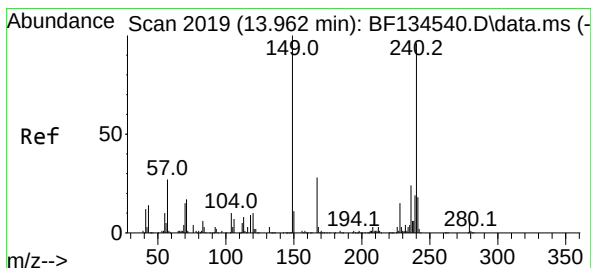
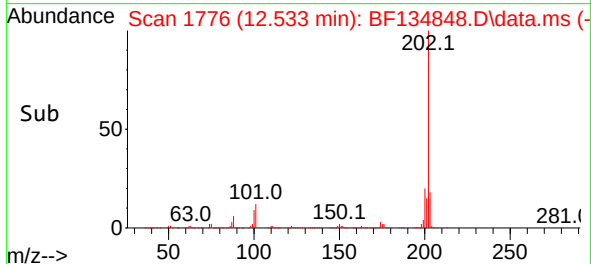
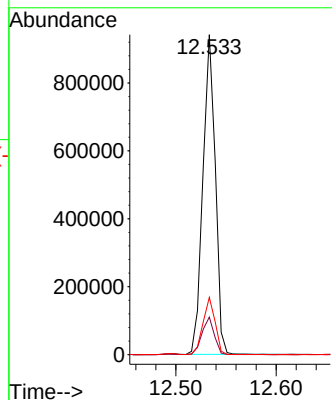
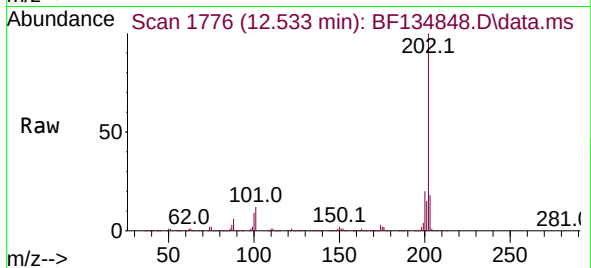




#75
Fluoranthene
Concen: 42.723 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

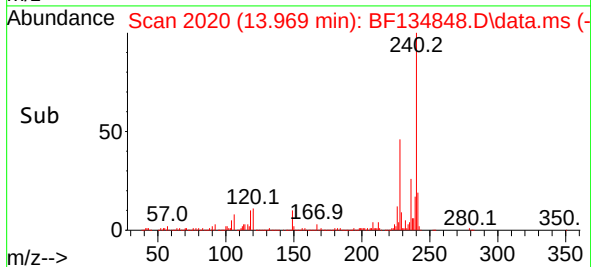
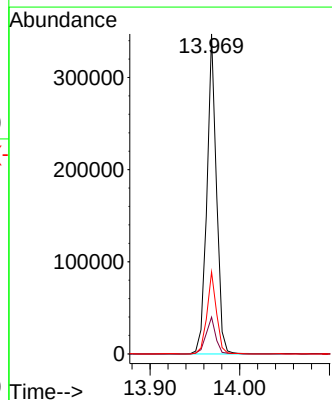
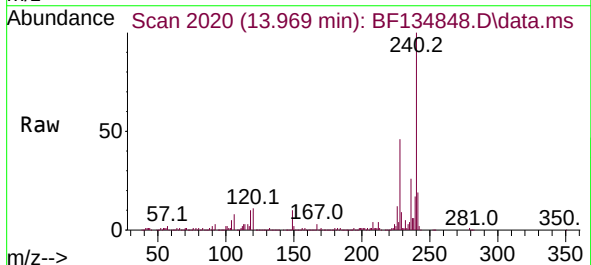
Instrument :
BNA_F
ClientSampleId :
E-2MSD

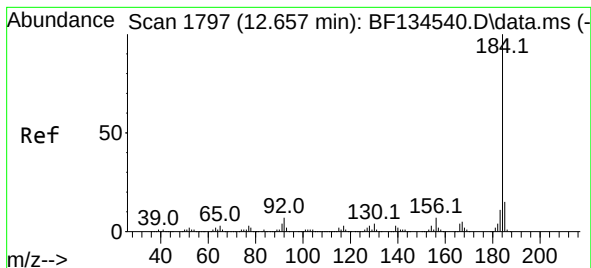
Tgt Ion:202 Resp: 806022
Ion Ratio Lower Upper
202 100
101 11.7 0.0 28.5
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.969 min Scan# 2020
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:240 Resp: 256534
Ion Ratio Lower Upper
240 100
120 11.5 6.6 10.0#
236 25.6 20.2 30.2





#77

Benzidine

Concen: 32.712 ng

RT: 12.657 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Instrument :

BNA_F

ClientSampleId :

E-2MSD

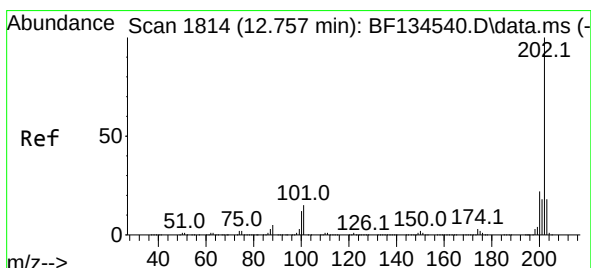
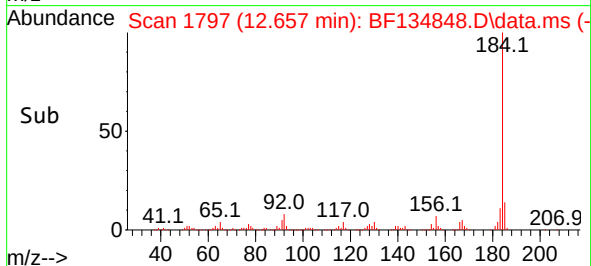
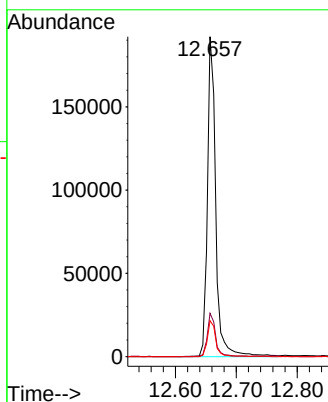
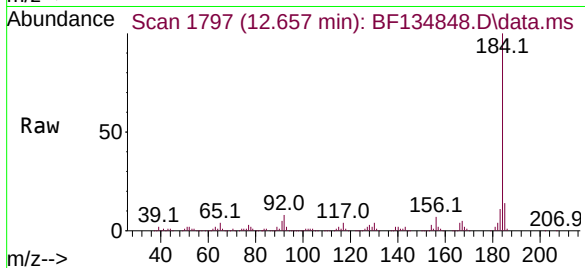
Tgt Ion:184 Resp: 182169

Ion Ratio Lower Upper

184 100

185 13.5 11.2 16.8

183 11.2 8.6 13.0



#78

Pyrene

Concen: 38.162 ng

RT: 12.763 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

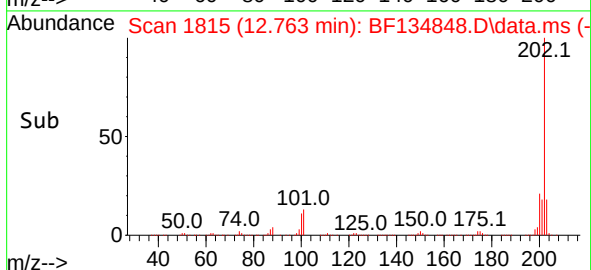
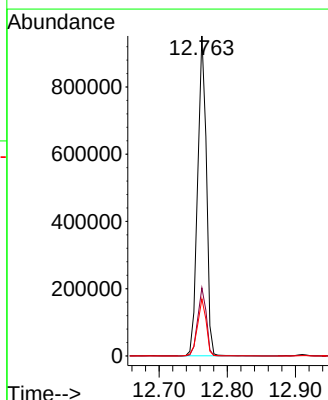
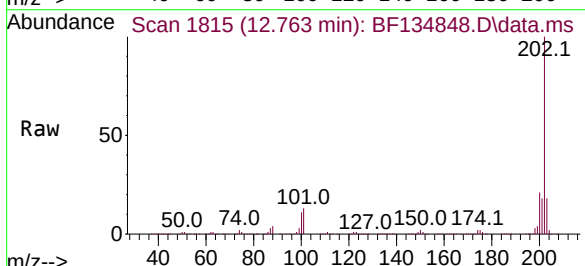
Tgt Ion:202 Resp: 847120

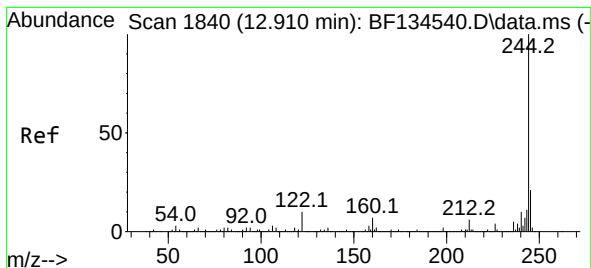
Ion Ratio Lower Upper

202 100

200 21.3 15.8 23.8

203 17.8 13.5 20.3

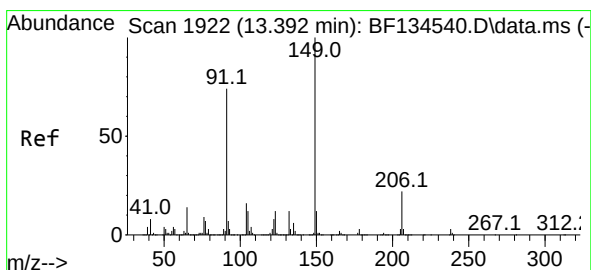
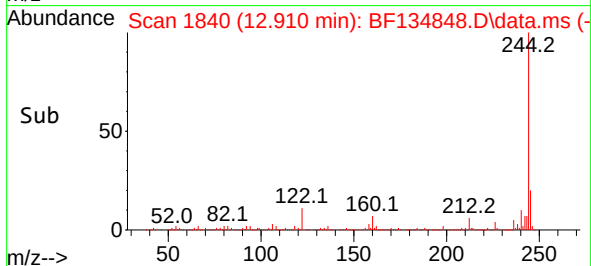
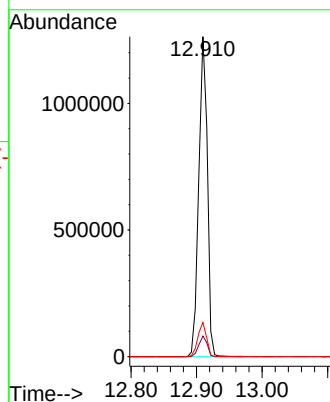
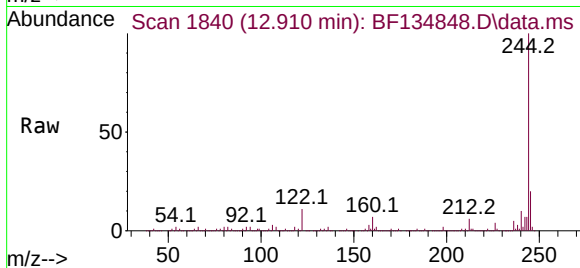




#79
 Terphenyl-d14
 Concen: 78.808 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.012 min
 Lab File: BF134848.D
 Acq: 18 Aug 2023 19:17

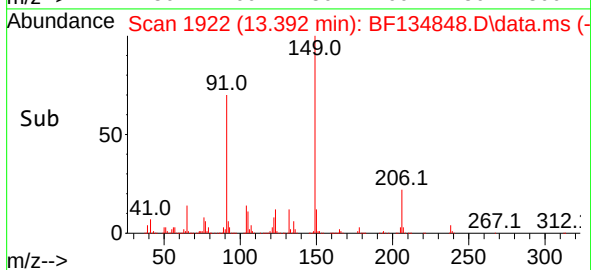
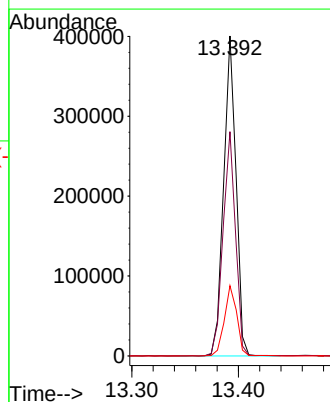
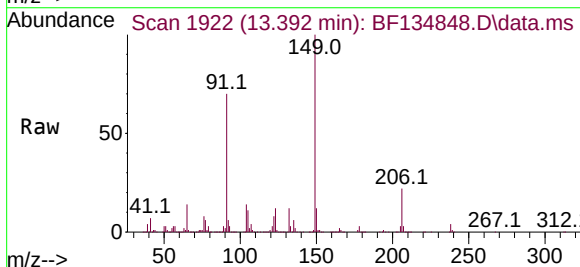
Instrument :
 BNA_F
 ClientSampleId :
 E-2MSD

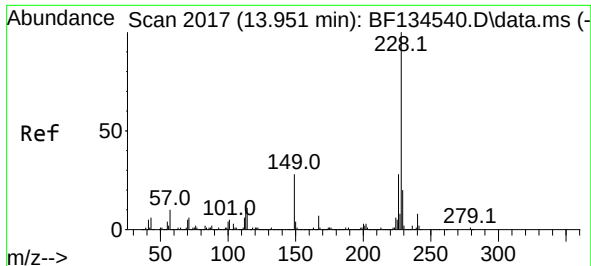
Tgt Ion:244 Resp: 1146827
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.6 8.4
 122 10.7 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 43.133 ng
 RT: 13.392 min Scan# 1922
 Delta R.T. -0.006 min
 Lab File: BF134848.D
 Acq: 18 Aug 2023 19:17

Tgt Ion:149 Resp: 323766
 Ion Ratio Lower Upper
 149 100
 91 70.1 55.8 83.6
 206 21.9 14.6 21.8#

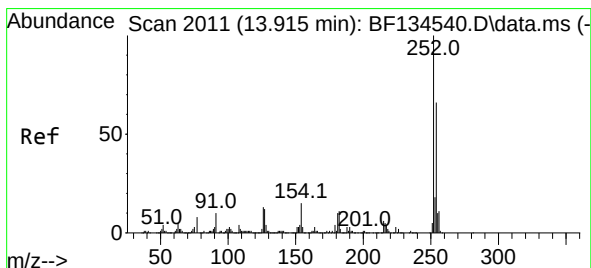
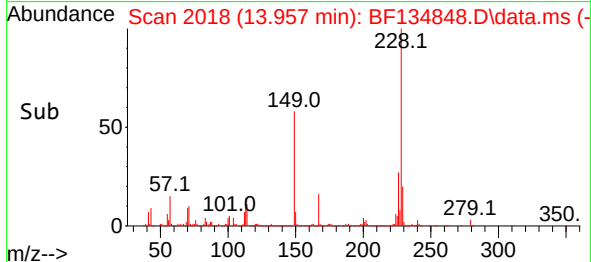
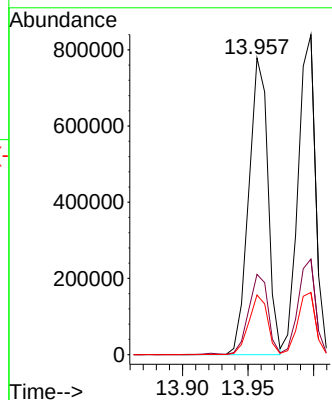
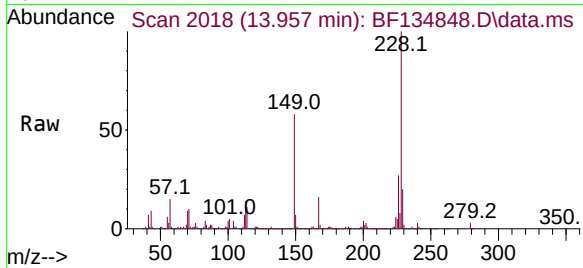




#81
Benzo(a)anthracene
Concen: 43.054 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

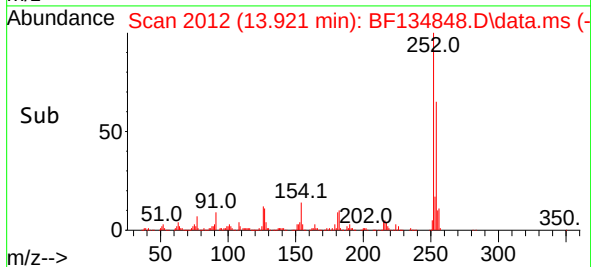
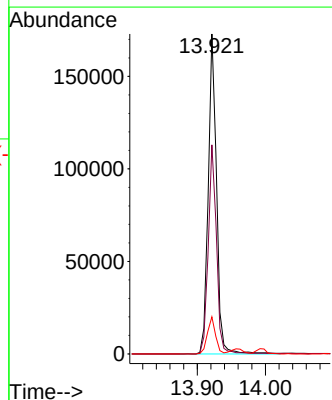
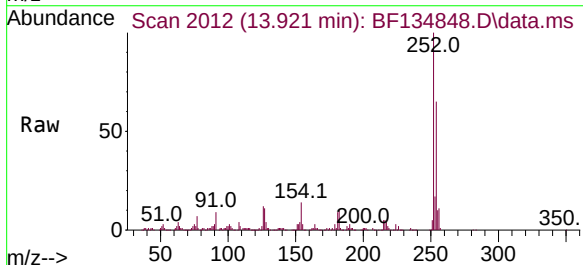
Instrument :
BNA_F
ClientSampleId :
E-2MSD

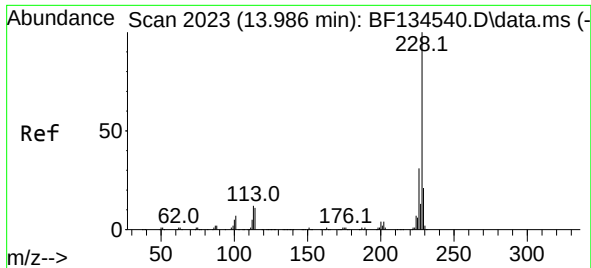
Tgt Ion:228 Resp: 789749
Ion Ratio Lower Upper
228 100
226 27.0 22.3 33.5
229 20.1 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 27.607 ng
RT: 13.921 min Scan# 2012
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:252 Resp: 146787
Ion Ratio Lower Upper
252 100
254 65.3 52.7 79.1
126 11.6 7.2 10.8#

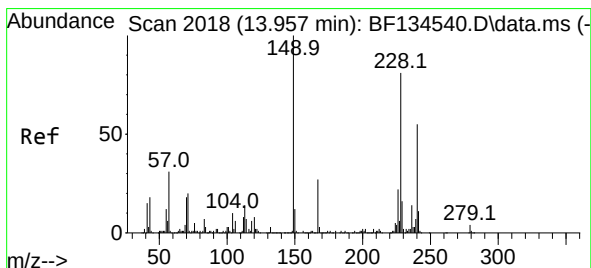
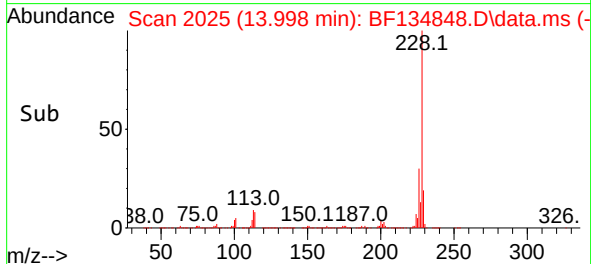
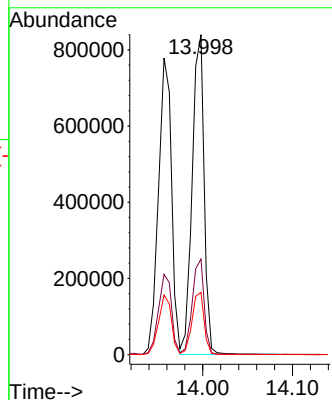
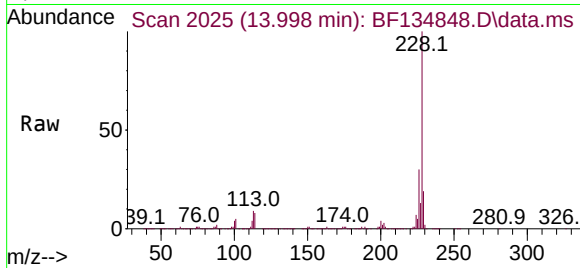




#83
Chrysene
Concen: 43.470 ng
RT: 13.998 min Scan# 20
Delta R.T. 0.000 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

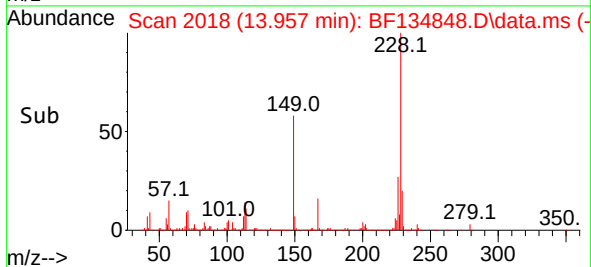
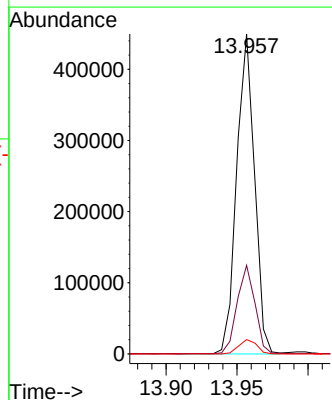
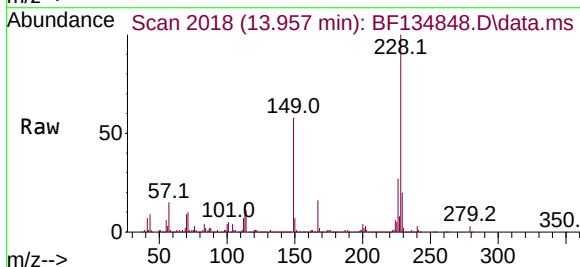
Instrument :
BNA_F
ClientSampleId :
E-2MSD

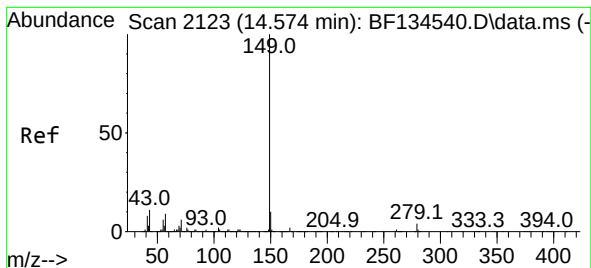
Tgt Ion:228 Resp: 776868
Ion Ratio Lower Upper
228 100
226 29.9 24.5 36.7
229 19.4 15.8 23.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.439 ng
RT: 13.957 min Scan# 2018
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:149 Resp: 392546
Ion Ratio Lower Upper
149 100
167 27.7 21.6 32.4
279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 59.292 ng

RT: 14.574 min Scan# 2123

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

Instrument :

BNA_F

ClientSampleId :

E-2MSD

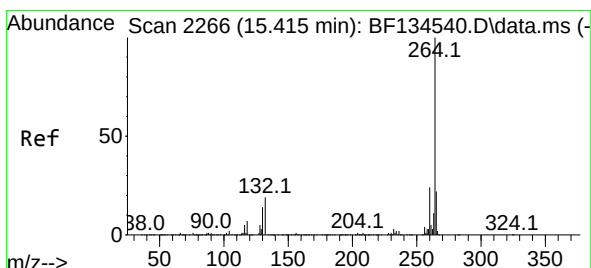
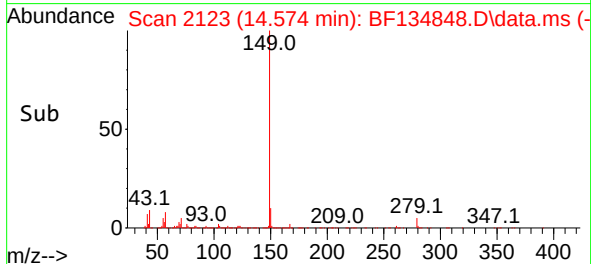
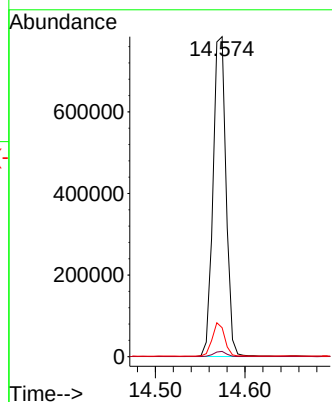
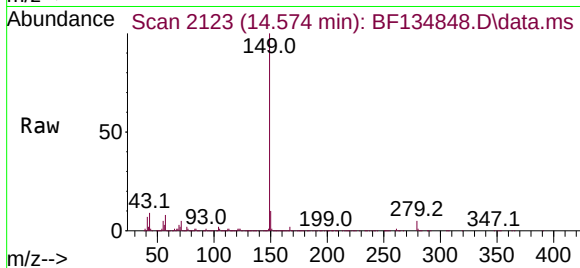
Tgt Ion:149 Resp: 796462

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.0 8.1 12.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.433 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF134848.D

Acq: 18 Aug 2023 19:17

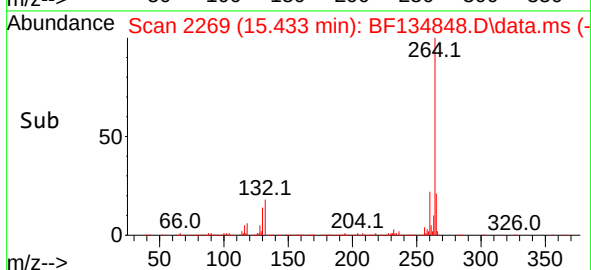
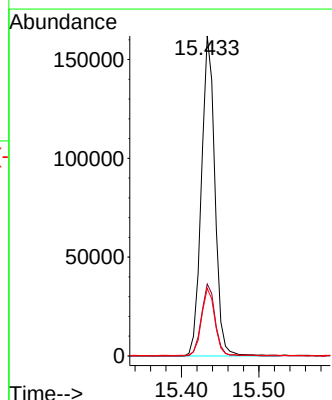
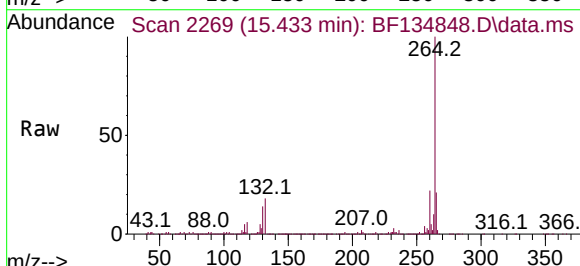
Tgt Ion:264 Resp: 195780

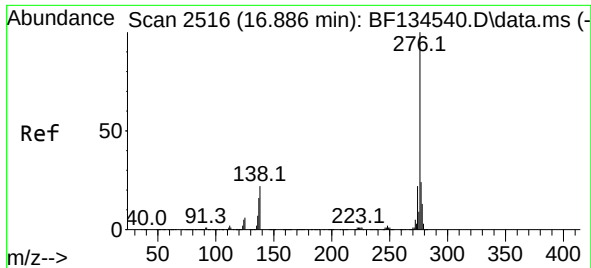
Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

265 21.1 15.8 23.8

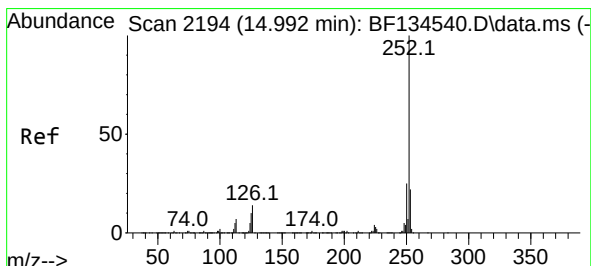
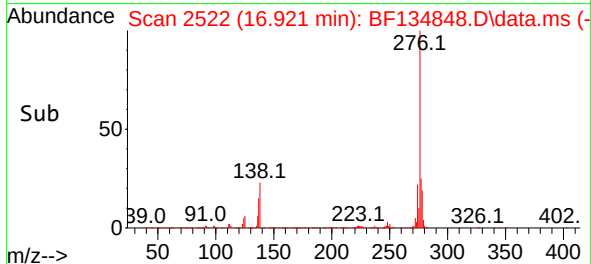
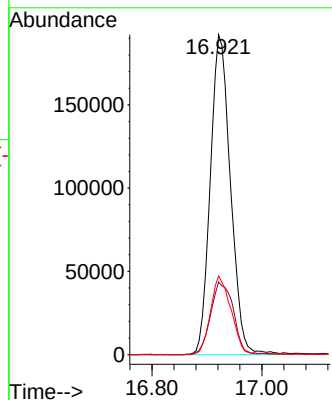
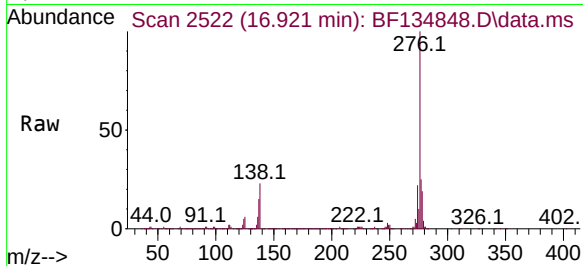




#87
Indeno(1,2,3-cd)pyrene
Concen: 42.443 ng
RT: 16.921 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

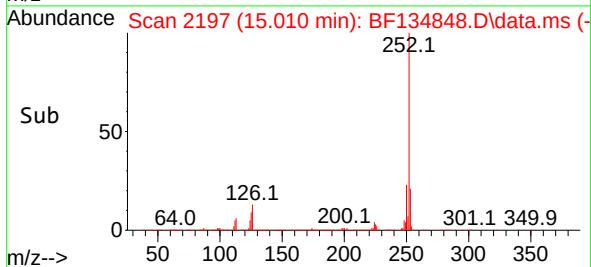
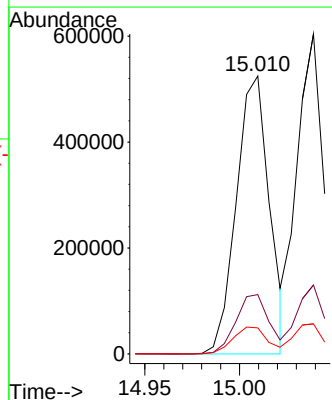
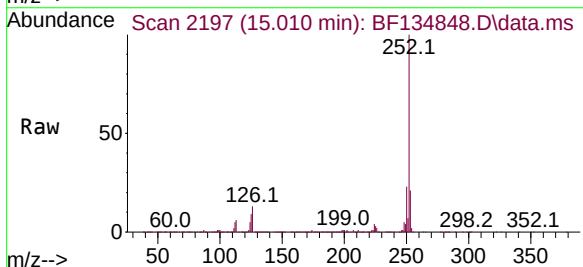
Instrument :
BNA_F
ClientSampleId :
E-2MSD

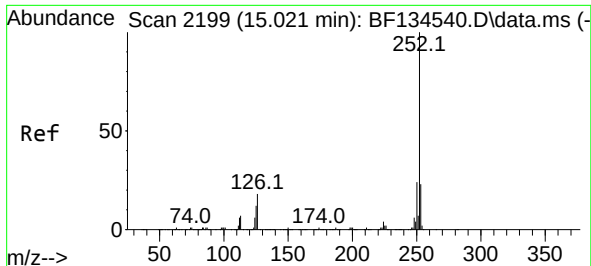
Tgt Ion:276 Resp: 488701
Ion Ratio Lower Upper
276 100
138 25.5 14.2 21.4#
277 24.9 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 53.250 ng
RT: 15.010 min Scan# 2197
Delta R.T. 0.000 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:252 Resp: 635822
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 9.3 6.0 9.0#

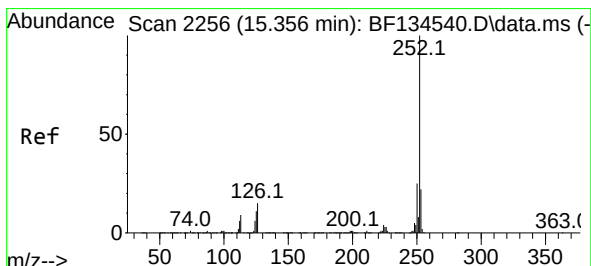
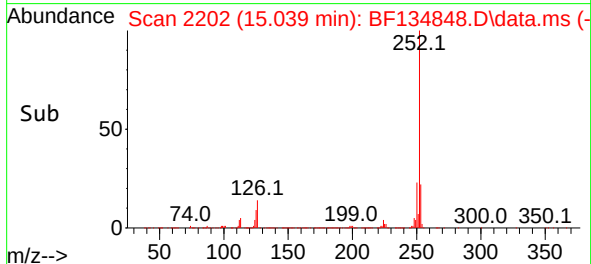
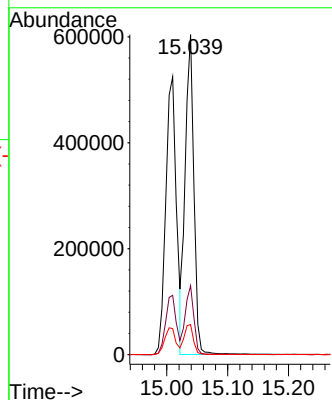
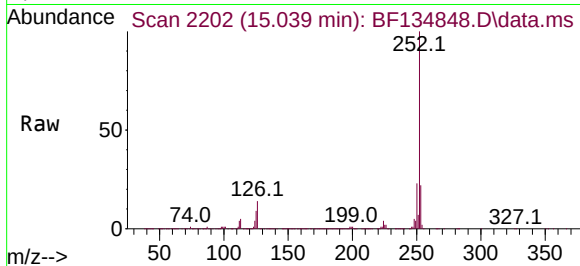




#89
Benzo(k)fluoranthene
Concen: 50.674 ng
RT: 15.039 min Scan# 2199
Delta R.T. 0.000 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

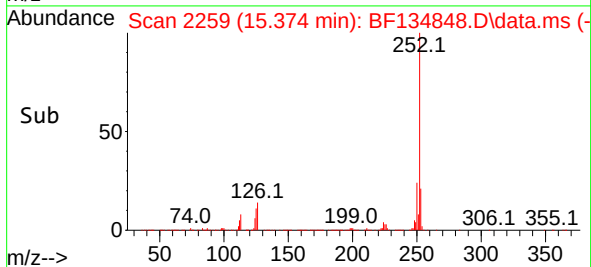
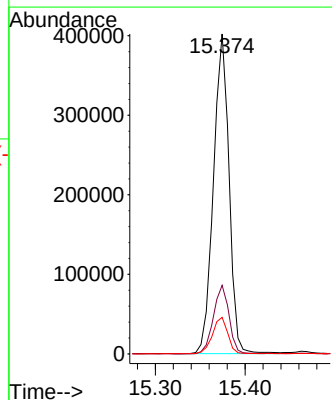
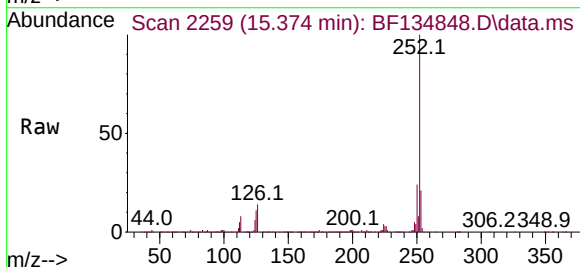
Instrument :
BNA_F
ClientSampleId :
E-2MSD

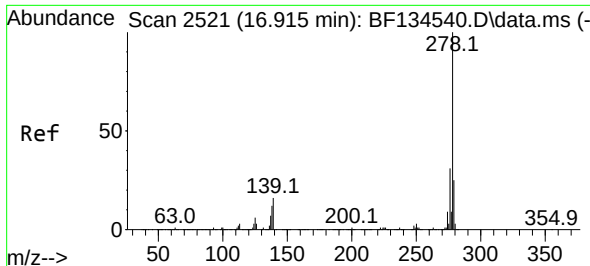
Tgt Ion:252 Resp: 602752
Ion Ratio Lower Upper
252 100
253 21.5 17.9 26.9
125 9.4 6.3 9.5



#90
Benzo(a)pyrene
Concen: 43.613 ng
RT: 15.374 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:252 Resp: 485546
Ion Ratio Lower Upper
252 100
253 21.4 17.0 25.4
125 11.4 6.2 9.4

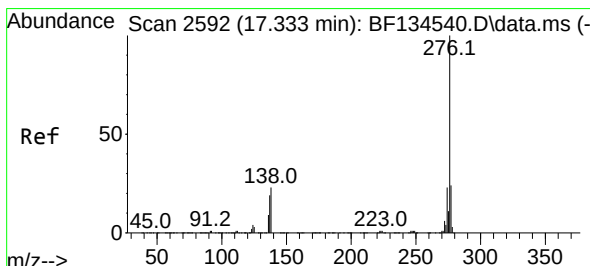
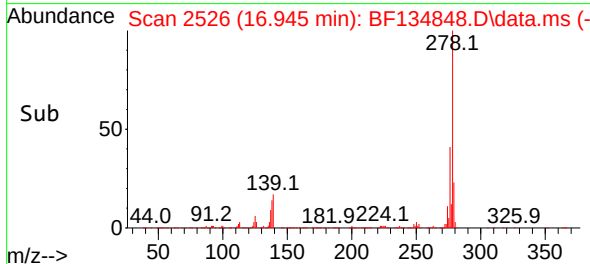
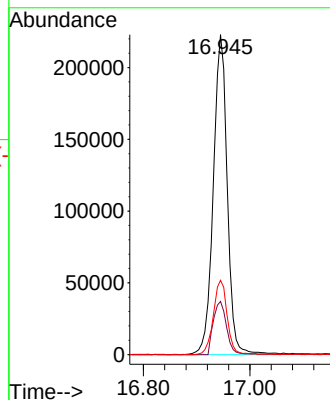
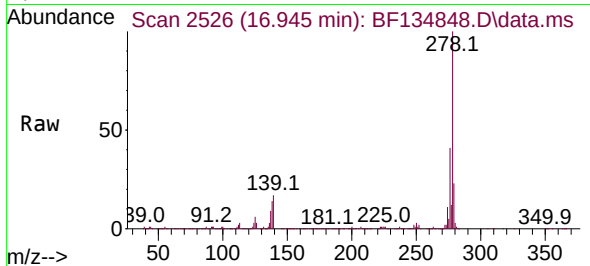




#91
Dibenzo(a,h)anthracene
Concen: 43.694 ng
RT: 16.945 min Scan# 2521
Delta R.T. -0.006 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Instrument :
BNA_F
ClientSampleId :
E-2MSD

Tgt Ion:278 Resp: 406593
Ion Ratio Lower Upper
278 100
139 16.6 10.0 15.0#
279 23.2 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 41.620 ng
RT: 17.374 min Scan# 2599
Delta R.T. 0.000 min
Lab File: BF134848.D
Acq: 18 Aug 2023 19:17

Tgt Ion:276 Resp: 395057
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 23.2 12.2 18.2#

