

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138616.D
 Acq On : 23 Jul 2024 13:55
 Operator : RC/JU
 Sample : PB162142BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 23 14:26:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	90264	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	366629	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	195838	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	325105	20.000	ng	-0.01
76) Chrysene-d12	14.015	240	155517	20.000	ng	-0.01
86) Perylene-d12	15.474	264	153294	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	705594	123.802	ng	0.00
7) Phenol-d6	6.498	99	943113	124.391	ng	0.00
23) Nitrobenzene-d5	7.422	82	622599	83.376	ng	-0.01
42) 2,4,6-Tribromophenol	10.686	330	224891	122.871	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1027091	81.968	ng	-0.01
79) Terphenyl-d14	12.957	244	978200	102.471	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	91530	36.261	ng	99
3) Pyridine	3.481	79	248185	39.870	ng	97
4) n-Nitrosodimethylamine	3.446	42	181552	44.803	ng	90
6) Aniline	6.522	93	234780	33.061	ng	# 65
8) 2-Chlorophenol	6.645	128	287422	47.693	ng	99
9) Benzaldehyde	6.404	77	24436	6.021	ng	95
10) Phenol	6.510	94	370000	45.976	ng	90
11) bis(2-Chloroethyl)ether	6.592	93	283973	46.867	ng	99
12) 1,3-Dichlorobenzene	6.798	146	293269	43.293	ng	98
13) 1,4-Dichlorobenzene	6.875	146	298831	43.441	ng	99
14) 1,2-Dichlorobenzene	7.022	146	282919	44.159	ng	97
15) Benzyl Alcohol	6.998	79	265197	46.608	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	511079	42.892	ng	82
17) 2-Methylphenol	7.116	107	231185	46.808	ng	# 92
18) Hexachloroethane	7.363	117	112467	44.473	ng	94
19) n-Nitroso-di-n-propyla...	7.269	70	221424	47.264	ng	93
20) 3+4-Methylphenols	7.269	107	283816	45.633	ng	91
22) Acetophenone	7.263	105	371831	41.758	ng	98
24) Nitrobenzene	7.439	77	329562	43.429	ng	98
25) Isophorone	7.675	82	587608	45.822	ng	100
26) 2-Nitrophenol	7.751	139	151257	46.506	ng	92
27) 2,4-Dimethylphenol	7.792	122	206302	51.609	ng	99
28) bis(2-Chloroethoxy)met...	7.886	93	351265	45.833	ng	98
29) 2,4-Dichlorophenol	7.998	162	228738	44.064	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	250371	41.403	ng	97
31) Naphthalene	8.157	128	830569	43.559	ng	100
32) Benzoic acid	7.928	122	127682	33.489	ng	93
33) 4-Chloroaniline	8.210	127	127079	18.995	ng	97
34) Hexachlorobutadiene	8.269	225	145289	39.016	ng	99
35) Caprolactam	8.586	113	41207	24.600	ng	99
36) 4-Chloro-3-methylphenol	8.698	107	264509	45.515	ng	98
37) 2-Methylnaphthalene	8.851	142	525675	42.840	ng	100
38) 1-Methylnaphthalene	8.951	142	490556	40.963	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	218389	40.012	ng	98
41) Hexachlorocyclopentadiene	8.998	237	208769	117.841	ng	99
43) 2,4,6-Trichlorophenol	9.133	196	150580	43.250	ng	98

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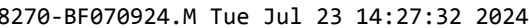
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 BNA_F
 ClientSampleId :

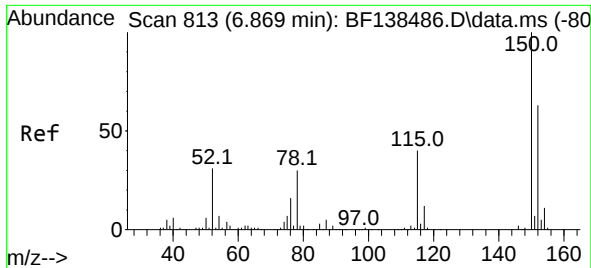
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.180	196	156231	40.798	ng	95
46) 1,1'-Biphenyl	9.316	154	616570	41.544	ng	100
47) 2-Chloronaphthalene	9.339	162	489213	43.633	ng	98
48) 2-Nitroaniline	9.439	65	182146	46.880	ng	96
49) Acenaphthylene	9.757	152	766504	48.152	ng	99
50) Dimethylphthalate	9.616	163	569290	44.956	ng	100
51) 2,6-Dinitrotoluene	9.680	165	127071	43.582	ng	92
52) Acenaphthene	9.927	154	475285	44.917	ng	99
53) 3-Nitroaniline	9.851	138	80861	27.058	ng	93
54) 2,4-Dinitrophenol	9.963	184	115765	74.331	ng	92
55) Dibenzofuran	10.098	168	679778	44.291	ng	98
56) 4-Nitrophenol	10.022	139	175187	79.450	ng	99
57) 2,4-Dinitrotoluene	10.086	165	165706	43.925	ng	94
58) Fluorene	10.439	166	532072	43.813	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	129201	42.751	ng	97
60) Diethylphthalate	10.316	149	534745	43.803	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	255749	41.939	ng	95
62) 4-Nitroaniline	10.469	138	123359	41.194	ng	99
63) Azobenzene	10.592	77	597294	45.508	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	91642	48.819	ng	78
66) n-Nitrosodiphenylamine	10.551	169	457769	46.997	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	150876	45.153	ng	99
68) Hexachlorobenzene	10.986	284	165613	44.614	ng	98
69) Atrazine	11.080	200	138246	42.809	ng	98
70) Pentachlorophenol	11.186	266	167746	76.367	ng	96
71) Phenanthrene	11.404	178	761636	46.372	ng	100
72) Anthracene	11.457	178	770661	47.268	ng	99
73) Carbazole	11.610	167	663653	45.295	ng	99
74) Di-n-butylphthalate	11.933	149	782487	46.331	ng	99
75) Fluoranthene	12.592	202	730913	43.612	ng	98
77) Benzidine	12.710	184	126978	32.362	ng	99
78) Pyrene	12.816	202	729263	46.194	ng	99
80) Butylbenzylphthalate	13.433	149	257337	54.187	ng	97
81) Benzo(a)anthracene	14.004	228	499344	47.852	ng	100
82) 3,3'-Dichlorobenzidine	13.962	252	87079	32.385	ng	# 98
83) Chrysene	14.039	228	460739	46.672	ng	98
84) Bis(2-ethylhexyl)phtha...	13.986	149	278441	54.974	ng	99
85) Di-n-octyl phthalate	14.598	149	377921	47.232	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	494713	48.045	ng	99
88) Benzo(b)fluoranthene	15.051	252	394486	45.695	ng	99
89) Benzo(k)fluoranthene	15.080	252	377090	44.786	ng	99
90) Benzo(a)pyrene	15.415	252	370129	48.805	ng	100
91) Dibenzo(a,h)anthracene	16.962	278	397694	47.216	ng	99
92) Benzo(g,h,i)perylene	17.392	276	386768	43.304	ng	98

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

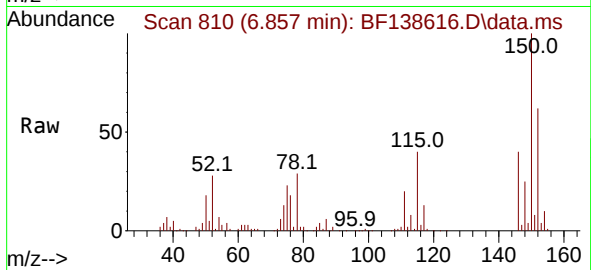
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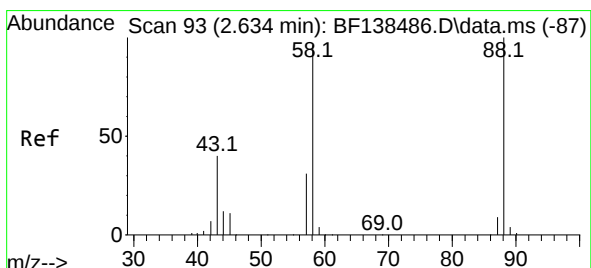
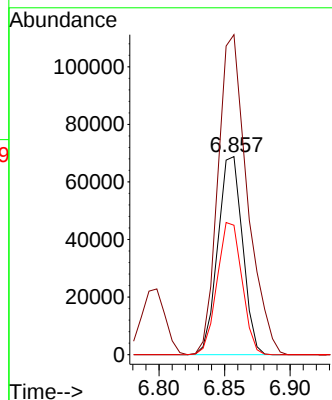
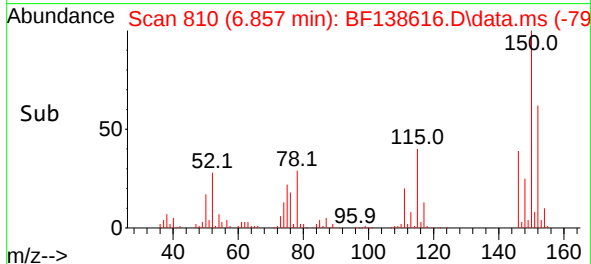


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF138616.D
 Acq: 23 Jul 2024 13:55

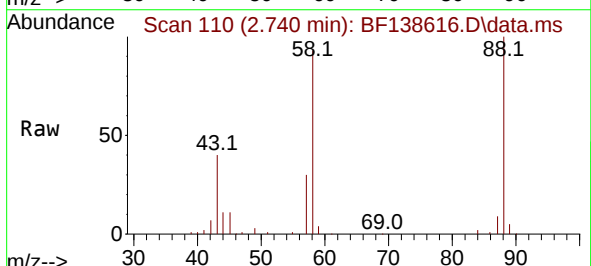
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 BNA_F
 ClientSampleId :



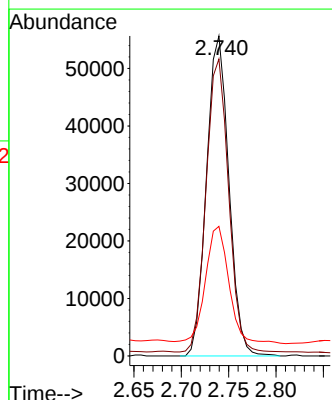
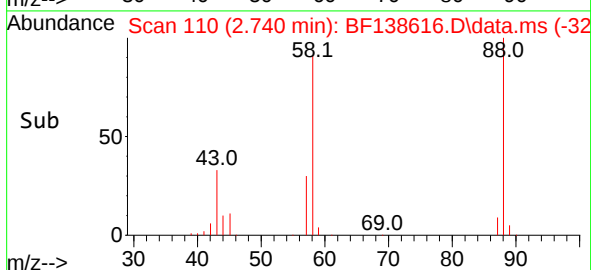
Tgt Ion:152 Resp: 90264
 Ion Ratio Lower Upper
 152 100
 150 161.5 126.2 189.4
 115 65.3 50.3 75.5

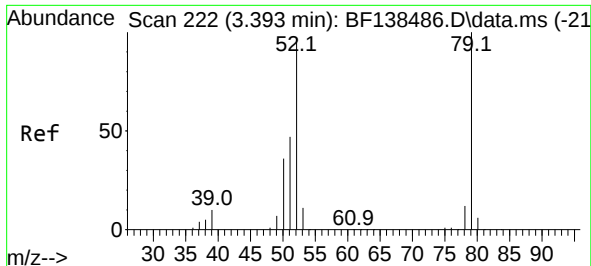


#2
 1,4-Dioxane
 Concen: 36.261 ng
 RT: 2.740 min Scan# 110
 Delta R.T. 0.106 min
 Lab File: BF138616.D
 Acq: 23 Jul 2024 13:55



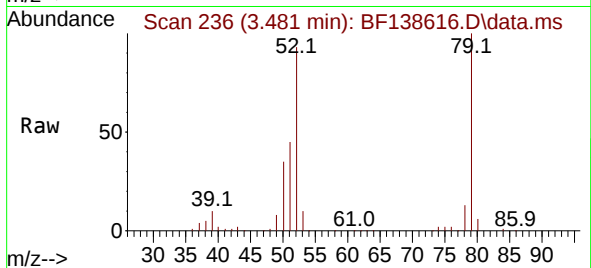
Tgt Ion: 88 Resp: 91530
 Ion Ratio Lower Upper
 88 100
 58 93.1 74.6 112.0
 43 38.7 31.8 47.6



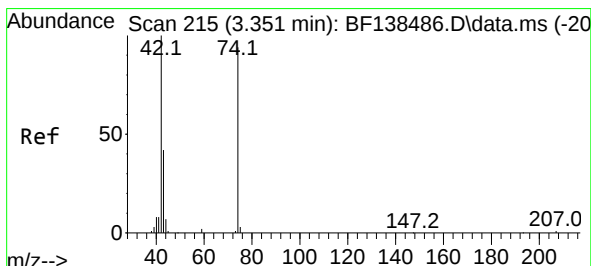
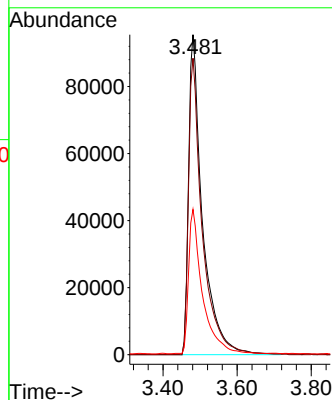
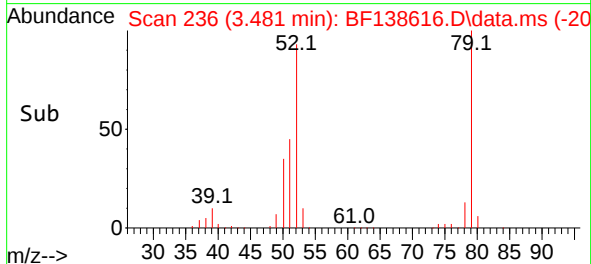


#3
Pyridine
Concen: 39.870 ng
RT: 3.481 min Scan# 21
Delta R.T. 0.088 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

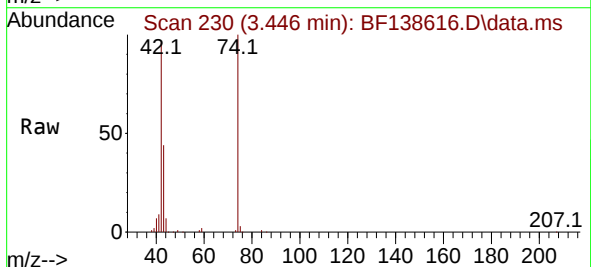
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BNA_F
ClientSampleId :



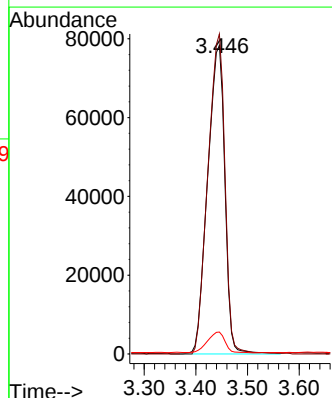
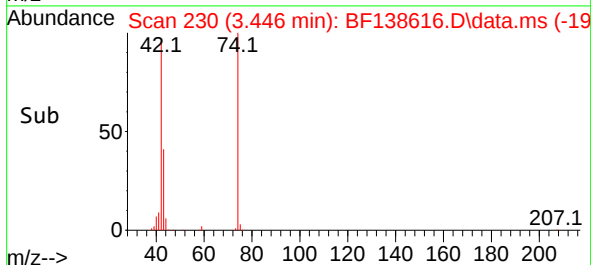
Tgt Ion: 79 Resp: 248185
Ion Ratio Lower Upper
79 100
52 92.7 77.4 116.2
51 45.4 37.4 56.0

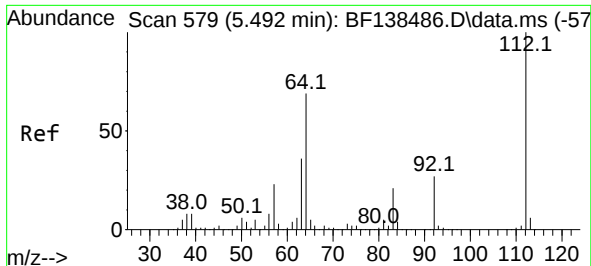


#4
n-Nitrosodimethylamine
Concen: 44.803 ng
RT: 3.446 min Scan# 230
Delta R.T. 0.094 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55



Tgt Ion: 42 Resp: 181552
Ion Ratio Lower Upper
42 100
74 103.7 75.0 112.6
44 7.1 5.4 8.2

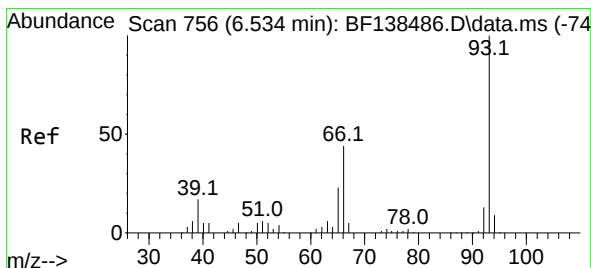
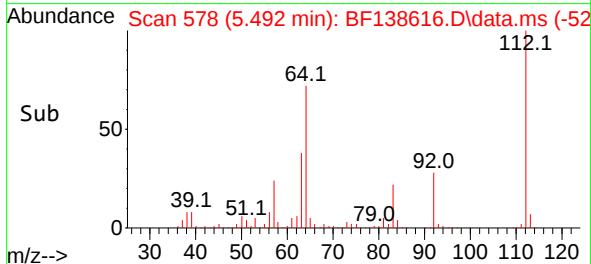
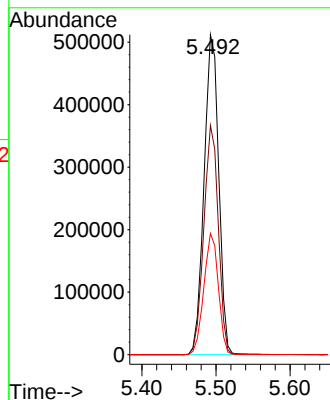
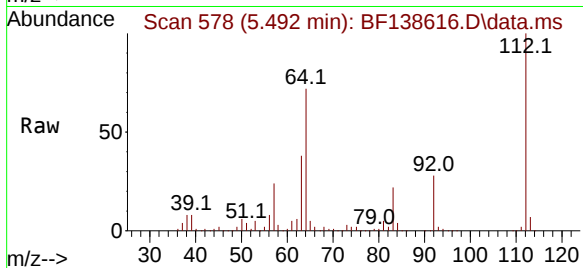




#5
2-Fluorophenol
Concen: 123.802 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

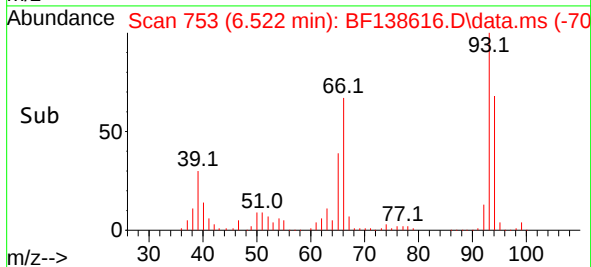
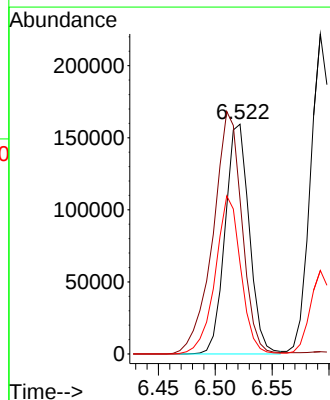
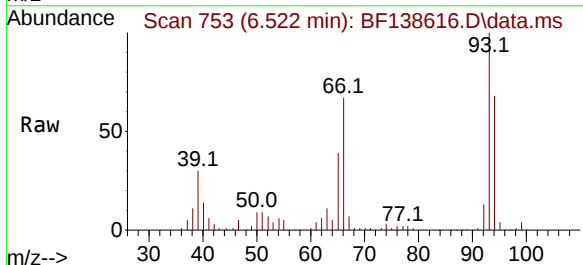
Instrument :
BNA_F
ClientSampleId :

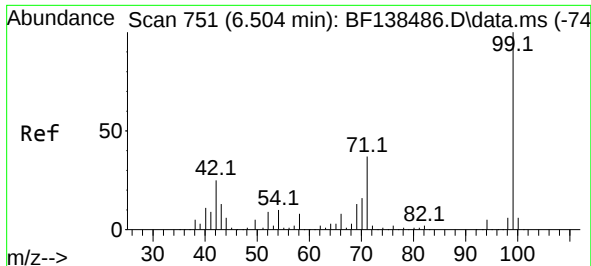
Tgt Ion:112 Resp: 705594
Ion Ratio Lower Upper
112 100
64 71.7 55.1 82.7
63 37.9 29.0 43.6



#6
Aniline
Concen: 33.061 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Tgt Ion: 93 Resp: 234780
Ion Ratio Lower Upper
93 100
66 67.3 35.4 53.0#
65 39.5 18.6 27.8#

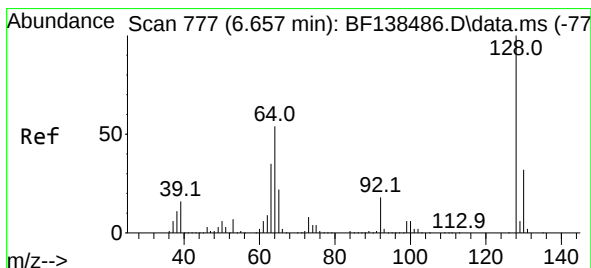
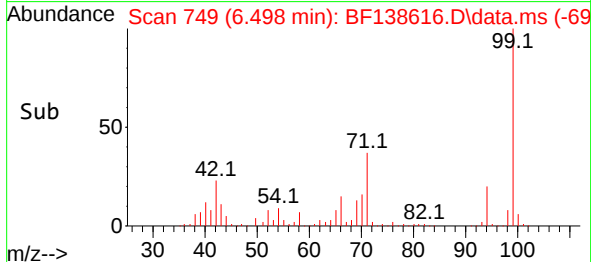
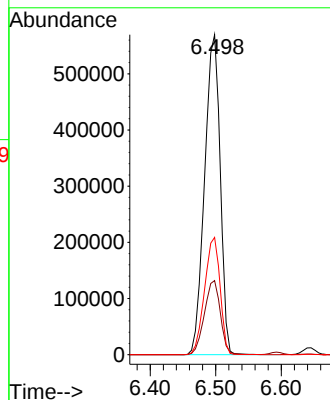
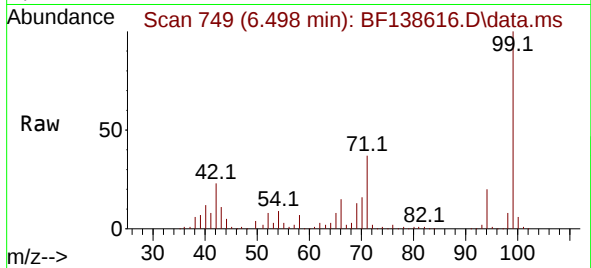




#7
Phenol-d6
Concen: 124.391 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

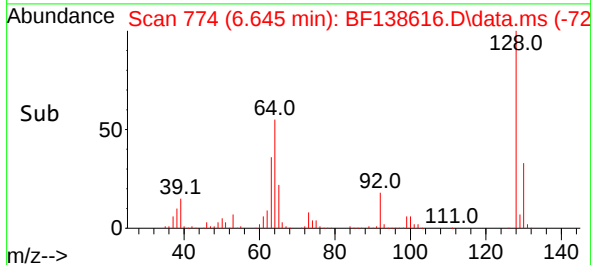
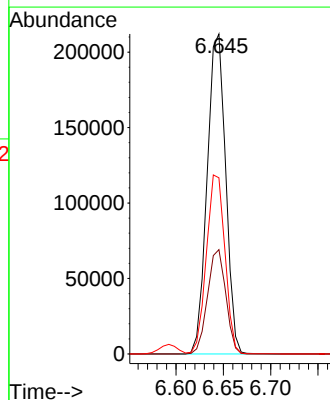
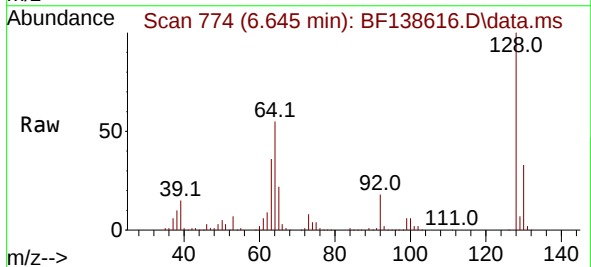
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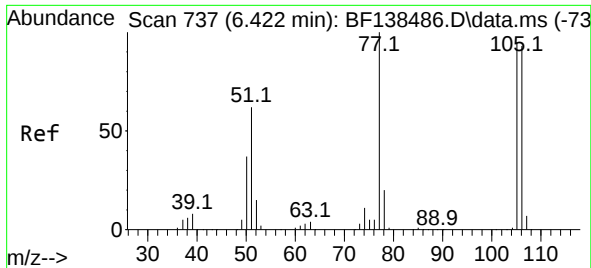
Tgt Ion: 99 Resp: 943113
Ion Ratio Lower Upper
99 100
42 23.1 19.7 29.5
71 36.6 29.9 44.9



#8
2-Chlorophenol
Concen: 47.693 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Tgt Ion:128 Resp: 287422
Ion Ratio Lower Upper
128 100
130 32.6 12.1 52.1
64 55.1 34.4 74.4





#9

Benzaldehyde

Concen: 6.021 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

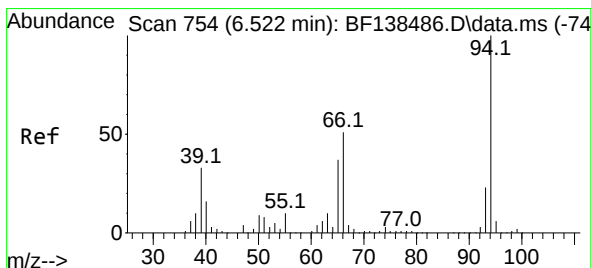
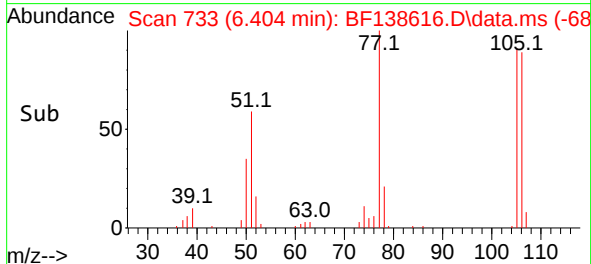
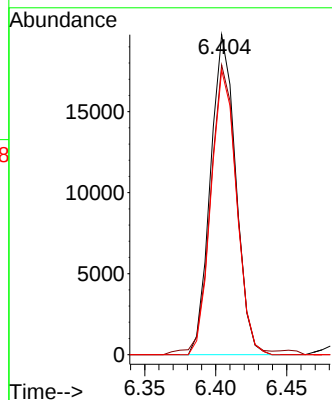
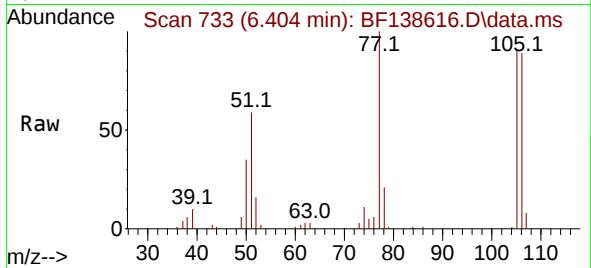
Tgt Ion: 77 Resp: 24436

Ion Ratio Lower Upper

77 100

105 90.6 75.1 115.1

106 88.9 73.2 113.2



#10

Phenol

Concen: 45.976 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

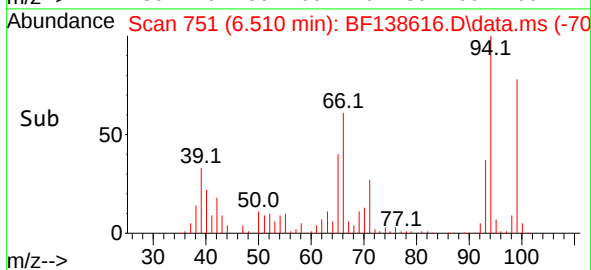
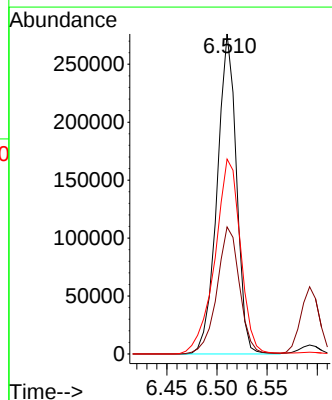
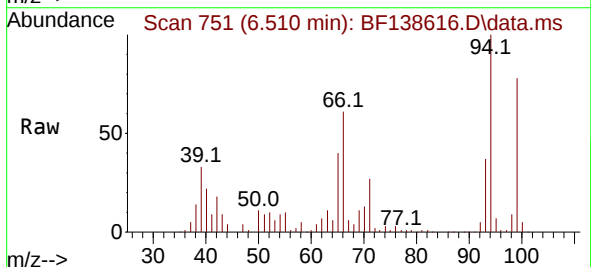
Tgt Ion: 94 Resp: 370000

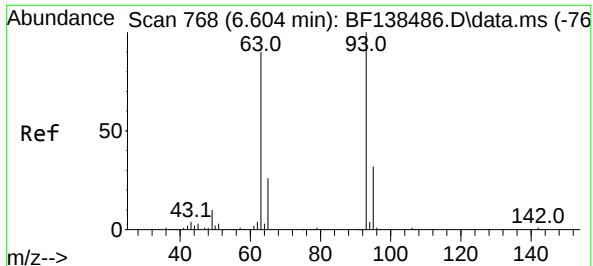
Ion Ratio Lower Upper

94 100

65 39.7 16.7 56.7

66 60.9 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 46.867 ng

RT: 6.592 min Scan# 70

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

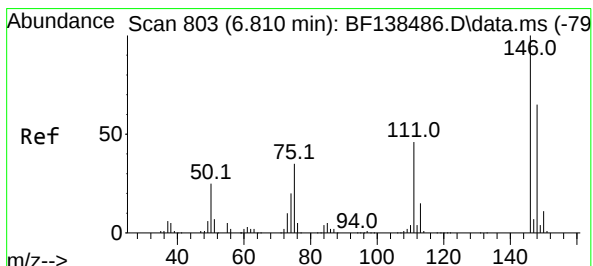
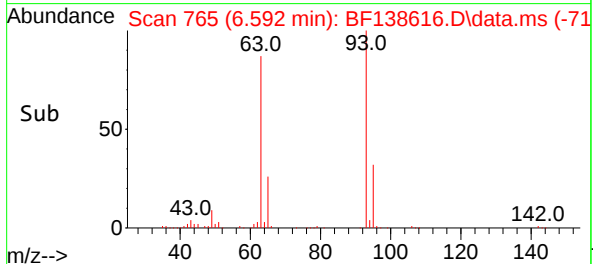
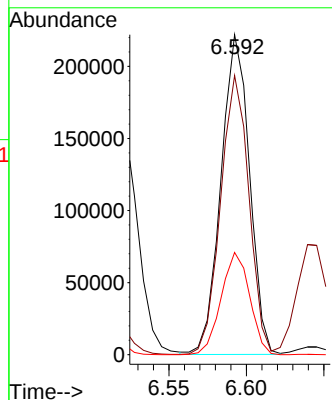
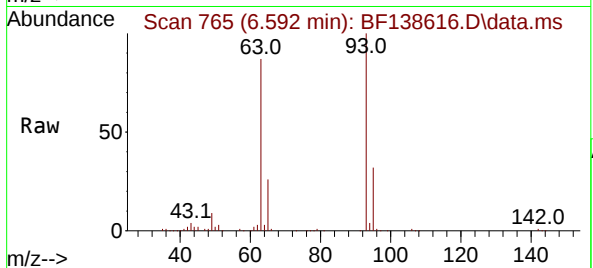
Tgt Ion: 93 Resp: 283973

Ion Ratio Lower Upper

93 100

63 87.3 68.8 108.8

95 32.0 11.8 51.8



#12

1,3-Dichlorobenzene

Concen: 43.293 ng

RT: 6.798 min Scan# 800

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

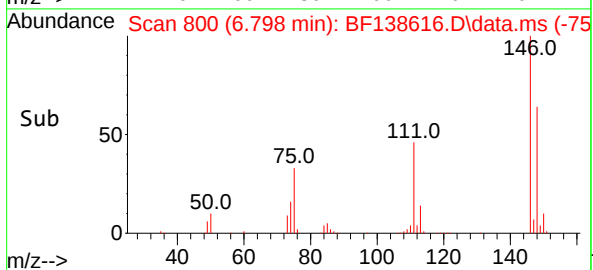
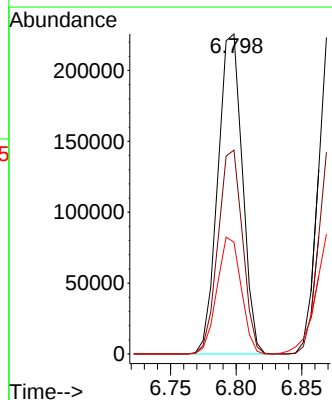
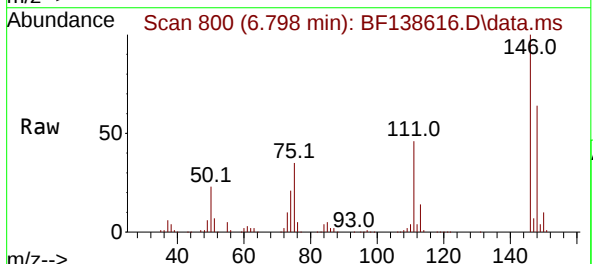
Tgt Ion:146 Resp: 293269

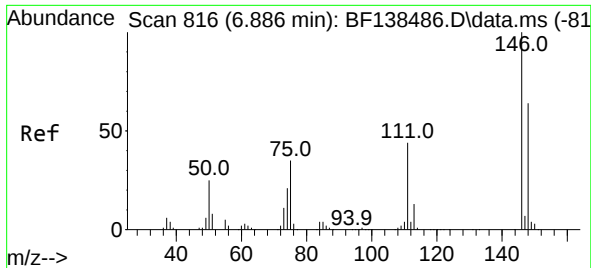
Ion Ratio Lower Upper

146 100

148 63.7 52.4 78.6

75 34.9 27.8 41.8

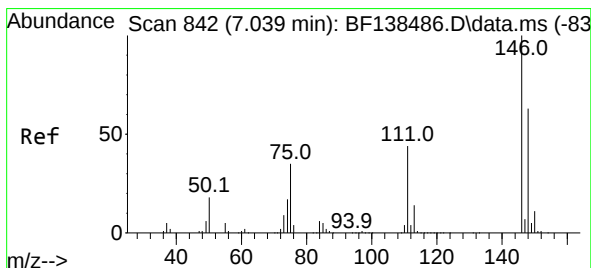
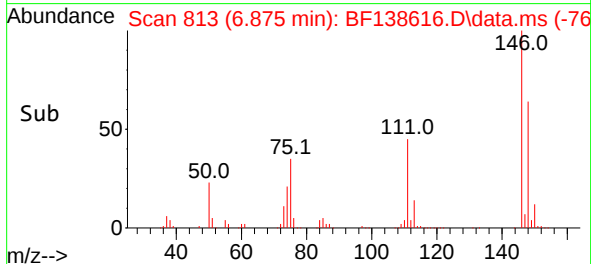
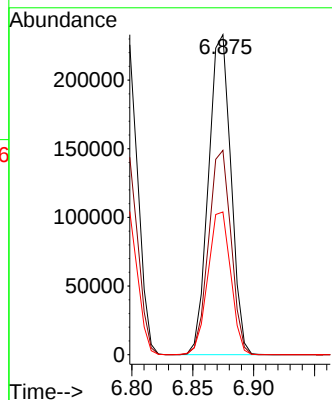
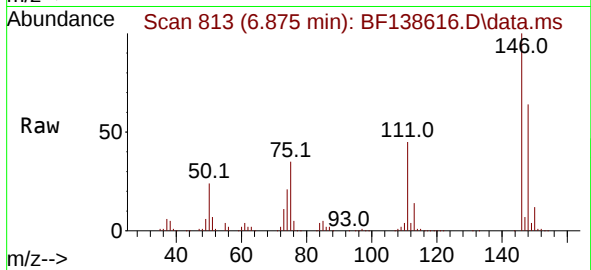




#13
1,4-Dichlorobenzene
Concen: 43.441 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

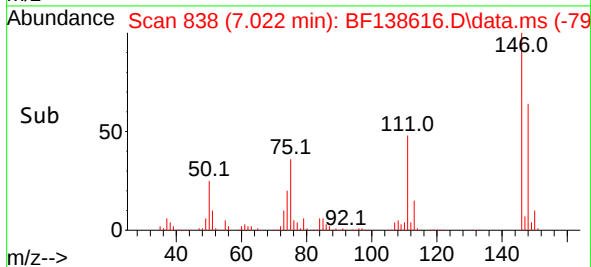
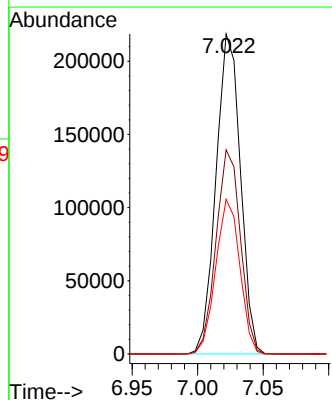
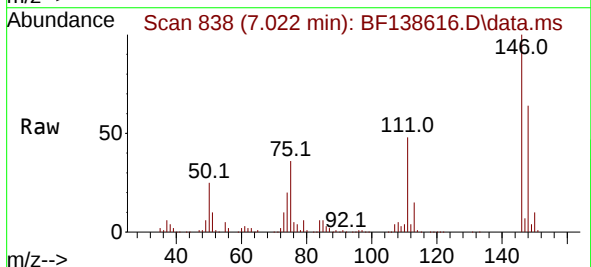
Instrument :
BNA_F
ClientSampleId :

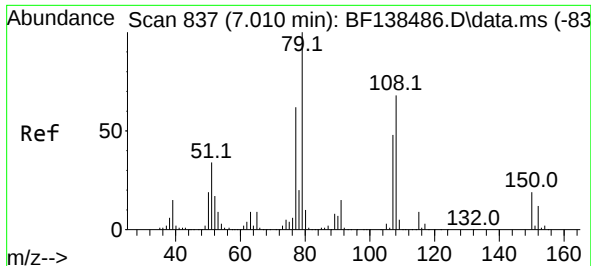
Tgt Ion:146 Resp: 298831
Ion Ratio Lower Upper
146 100
148 63.8 51.6 77.4
111 44.6 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 44.159 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.018 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Tgt Ion:146 Resp: 282919
Ion Ratio Lower Upper
146 100
148 63.8 50.1 75.1
111 48.3 35.5 53.3





#15

Benzyl Alcohol

Concen: 46.608 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

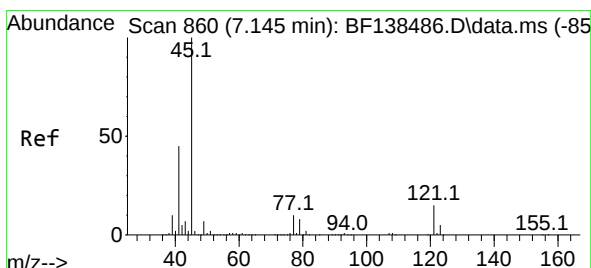
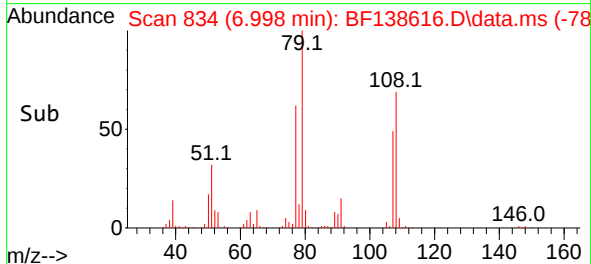
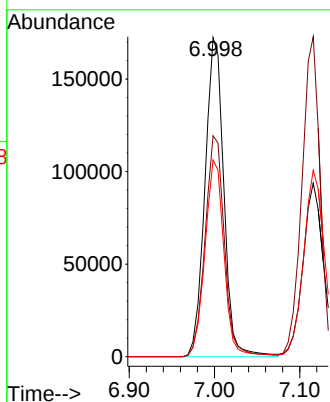
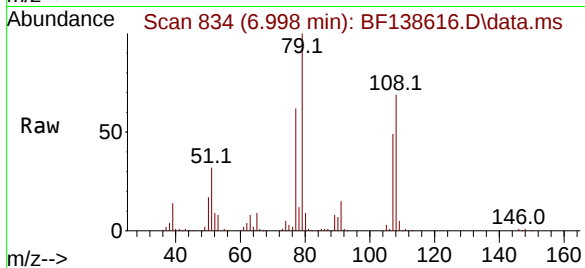
Tgt Ion: 79 Resp: 265197

Ion Ratio Lower Upper

79 100

108 69.2 54.3 81.5

77 61.7 50.0 75.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.892 ng

RT: 7.128 min Scan# 856

Delta R.T. -0.018 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

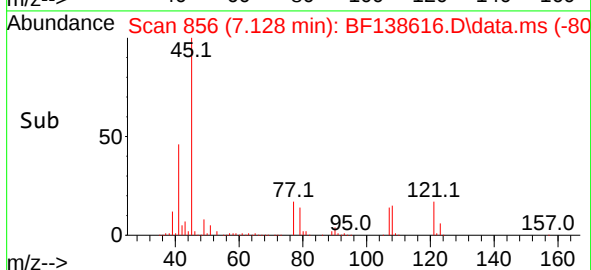
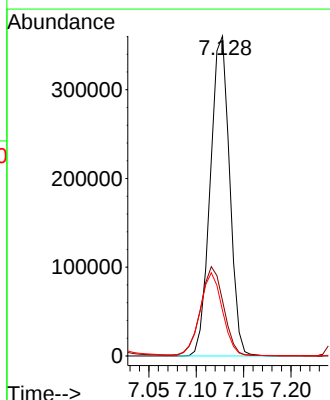
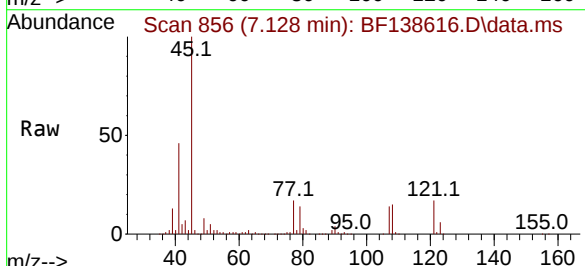
Tgt Ion: 45 Resp: 511079

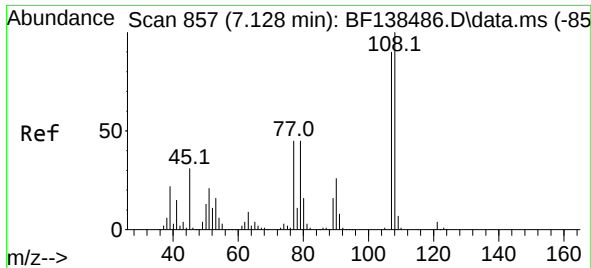
Ion Ratio Lower Upper

45 100

77 17.2 0.0 30.4

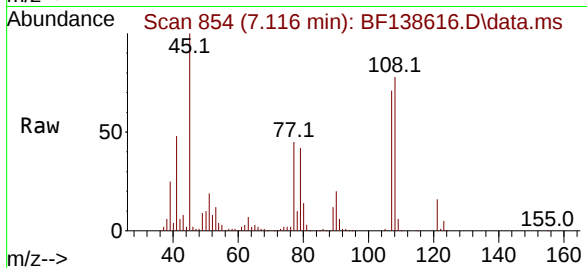
79 14.1 0.0 28.1



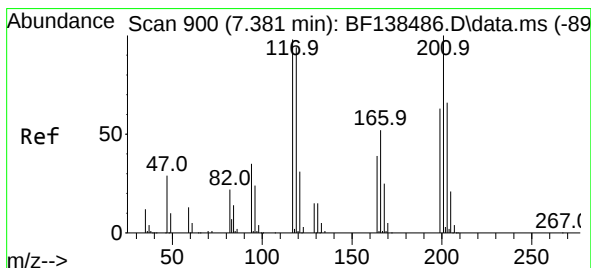
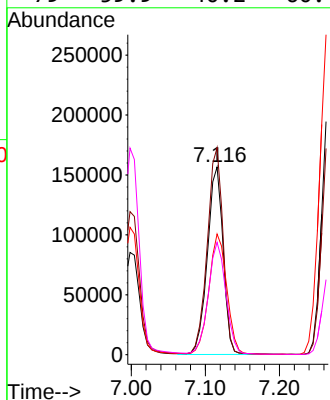
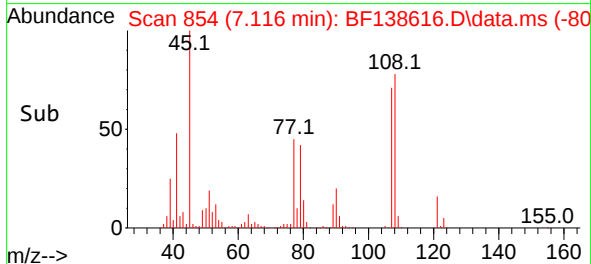


#17
2-Methylphenol
Concen: 46.808 ng
RT: 7.116 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

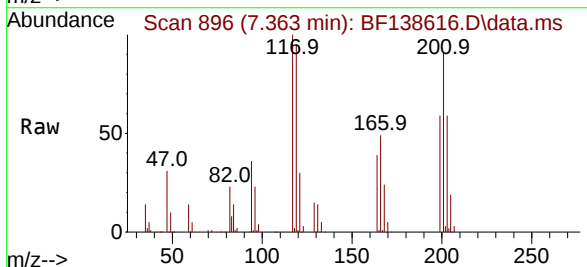
Instrument :
BNA_F
ClientSampleId :



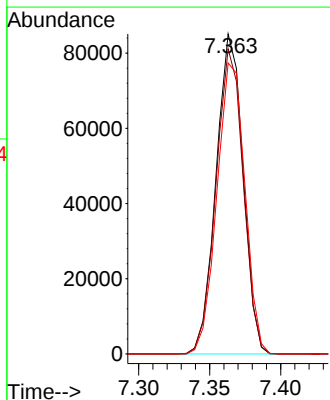
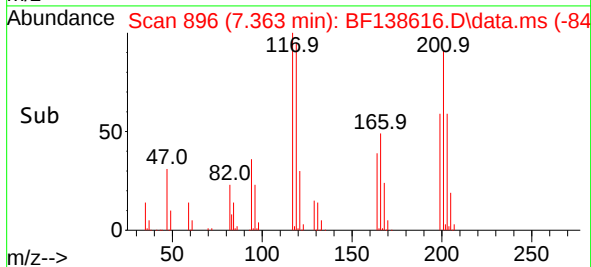
Tgt Ion:107 Resp: 231185
Ion Ratio Lower Upper
107 100
108 110.4 89.0 133.4
77 64.3 40.3 60.5#
79 59.9 40.2 60.4

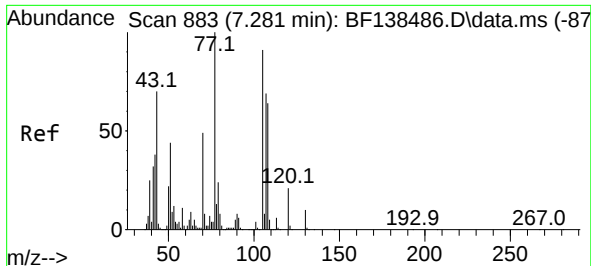


#18
Hexachloroethane
Concen: 44.473 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.018 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55



Tgt Ion:117 Resp: 112467
Ion Ratio Lower Upper
117 100
119 95.4 76.6 114.8
201 91.0 81.4 122.0

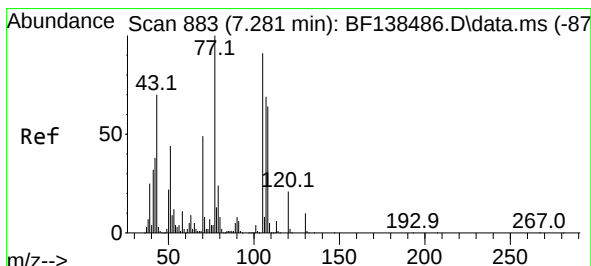
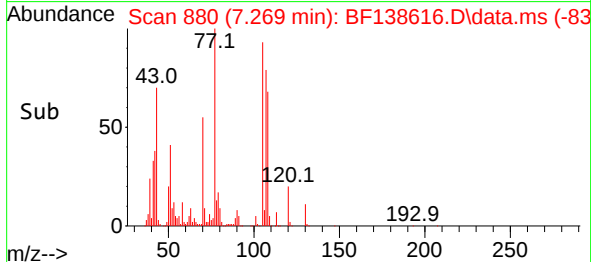
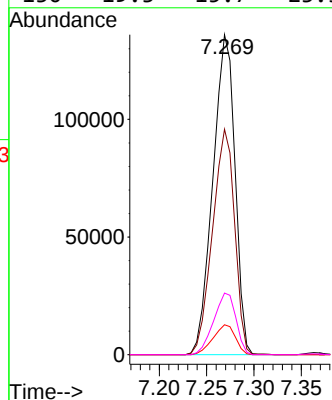
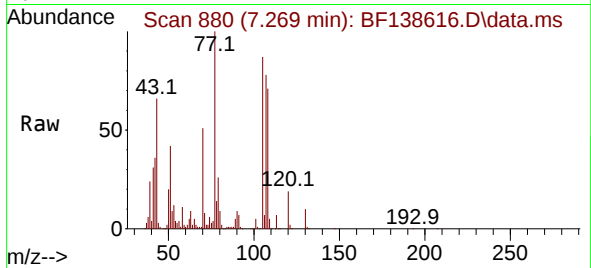




#19
n-Nitroso-di-n-propylamine
Concen: 47.264 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

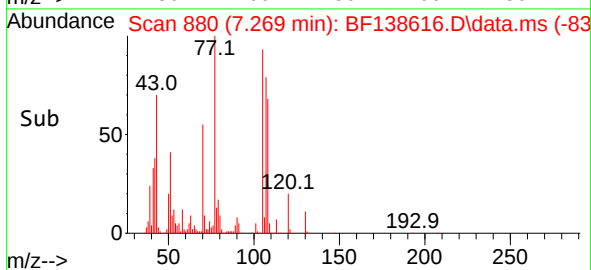
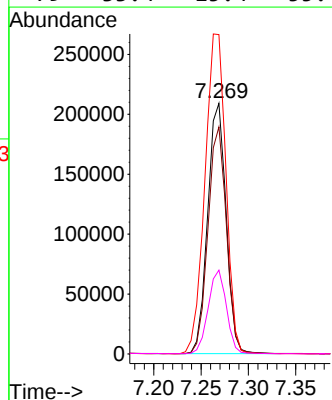
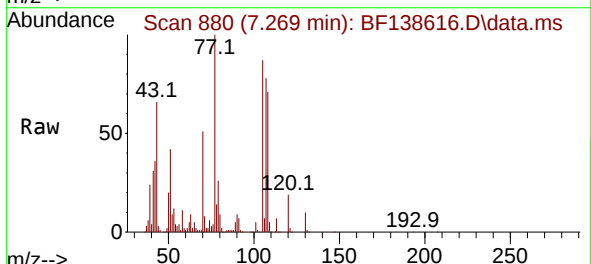
Instrument :
BNA_F
ClientSampleId :

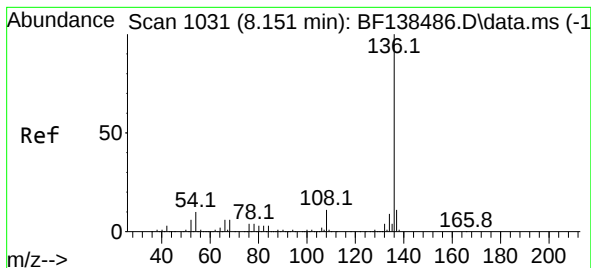
Tgt Ion: 70 Resp: 221424
Ion Ratio Lower Upper
70 100
42 70.5 62.4 93.6
101 9.3 7.2 10.8
130 19.3 15.7 23.5



#20
3+4-Methylphenols
Concen: 45.633 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Tgt Ion: 107 Resp: 283816
Ion Ratio Lower Upper
107 100
108 90.6 73.7 113.7
77 127.4 126.0 166.0
79 33.4 15.4 55.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.139 min Scan# 1028

Delta R.T. -0.012 min

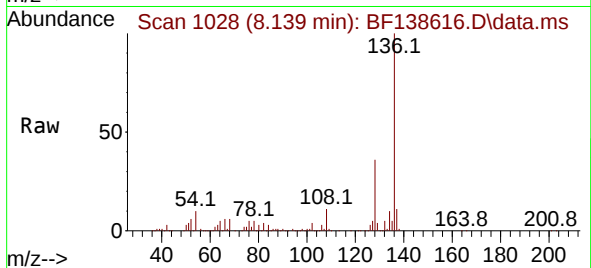
Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:136 Resp: 366629

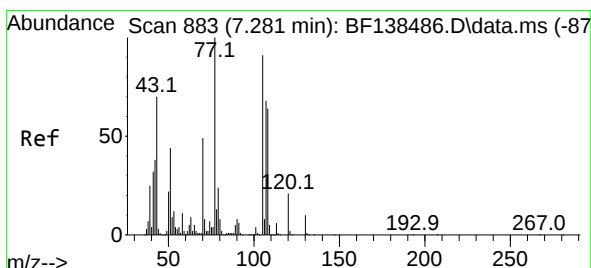
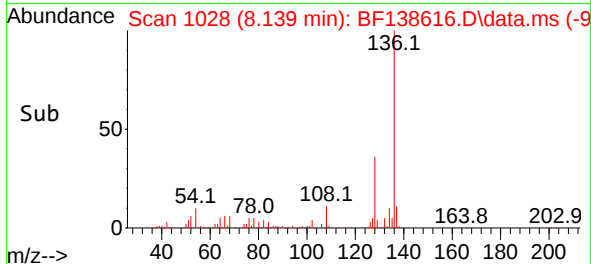
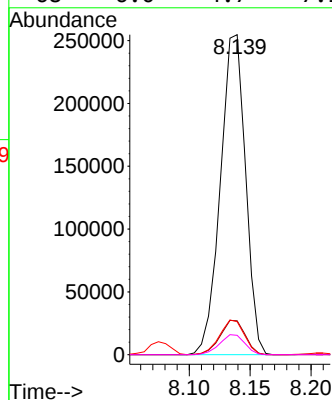
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 10.3 8.1 12.1

68 6.0 4.7 7.1



#22

Acetophenone

Concen: 41.758 ng

RT: 7.263 min Scan# 879

Delta R.T. -0.018 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Tgt Ion:105 Resp: 371831

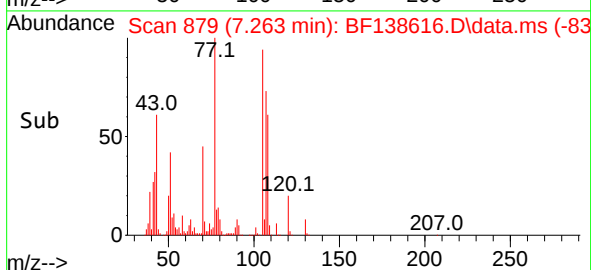
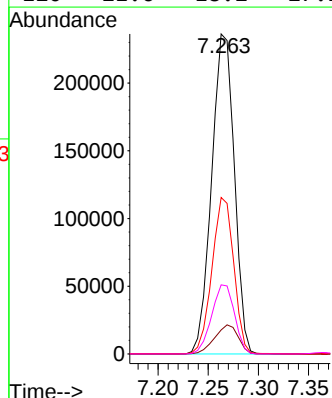
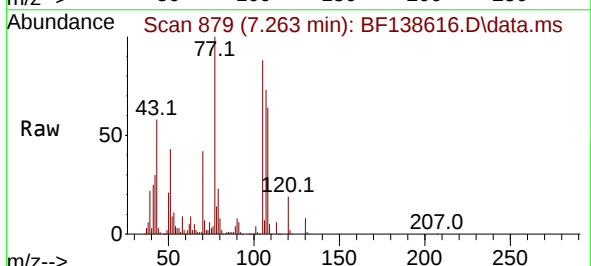
Ion Ratio Lower Upper

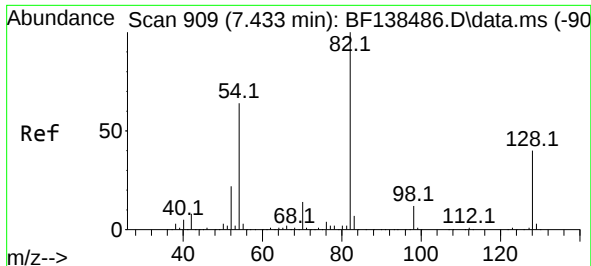
105 100

71 7.5 7.4 11.2

51 48.9 38.7 58.1

120 21.6 18.2 27.2





#23

Nitrobenzene-d5

Concen: 83.376 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

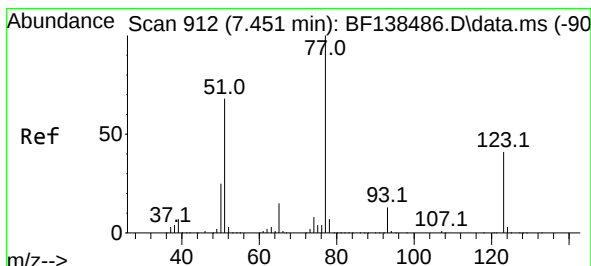
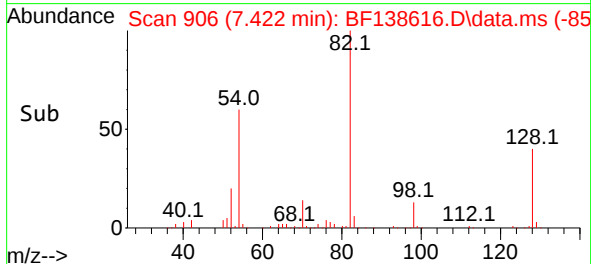
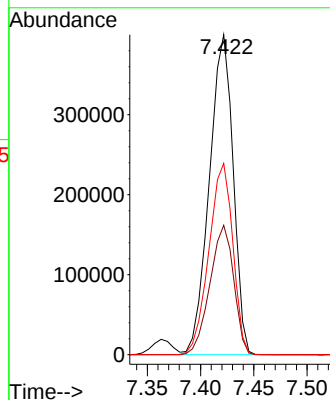
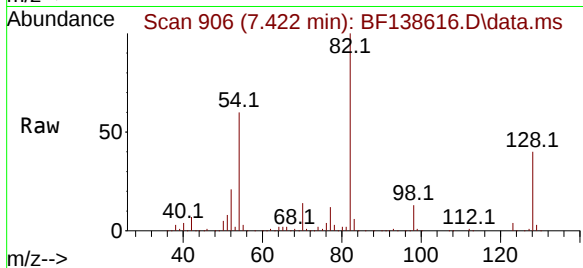
Tgt Ion: 82 Resp: 622599

Ion Ratio Lower Upper

82 100

128 40.4 32.3 48.5

54 59.8 51.4 77.0



#24

Nitrobenzene

Concen: 43.429 ng

RT: 7.439 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

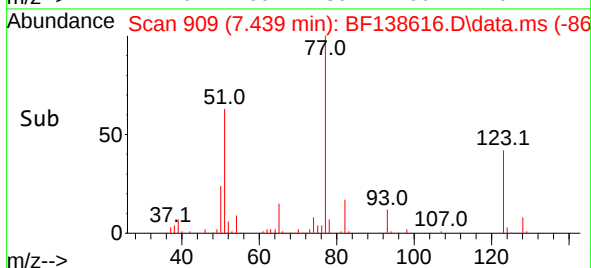
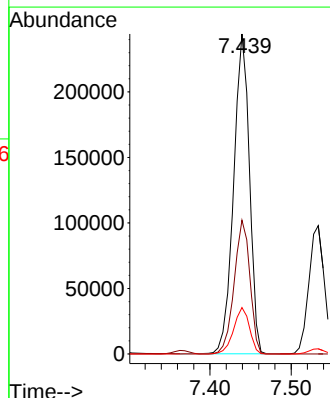
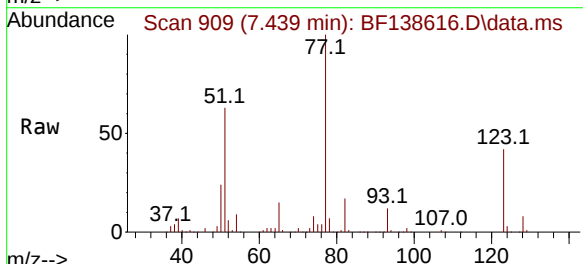
Tgt Ion: 77 Resp: 329562

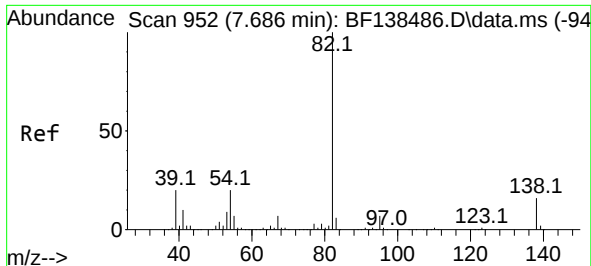
Ion Ratio Lower Upper

77 100

123 41.8 32.4 48.6

65 14.5 11.8 17.8

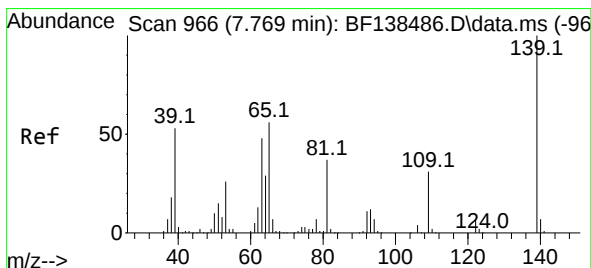
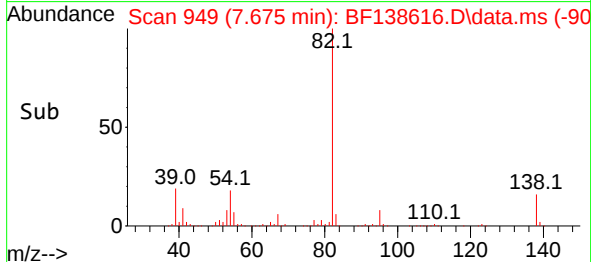
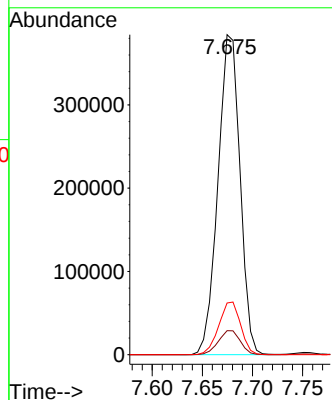
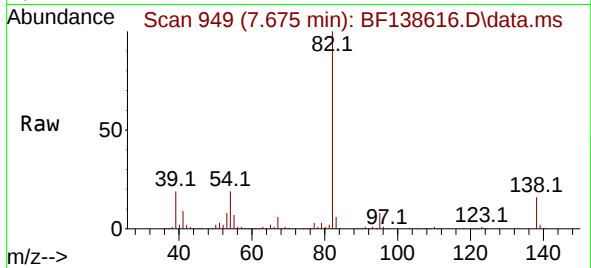




#25
Isophorone
Concen: 45.822 ng
RT: 7.675 min Scan# 94
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

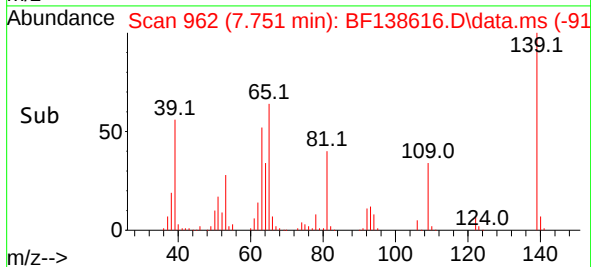
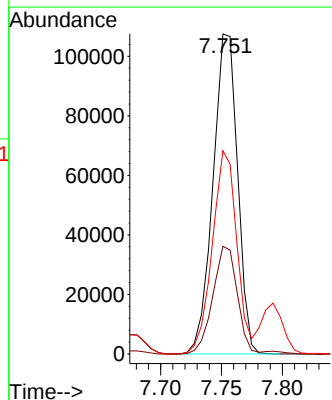
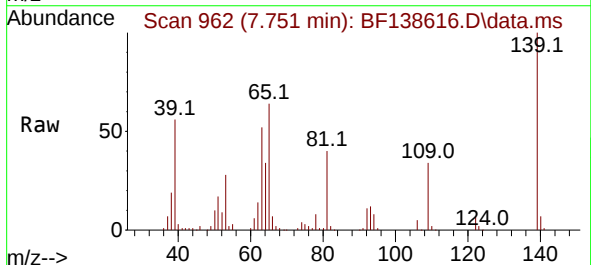
Instrument :
BNA_F
ClientSampleId :

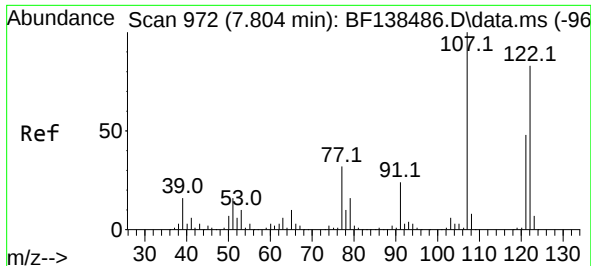
Tgt Ion: 82 Resp: 587608
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 16.2 12.8 19.2



#26
2-Nitrophenol
Concen: 46.506 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.018 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Tgt Ion:139 Resp: 151257
Ion Ratio Lower Upper
139 100
109 33.6 24.8 37.2
65 63.5 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 51.609 ng

RT: 7.792 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

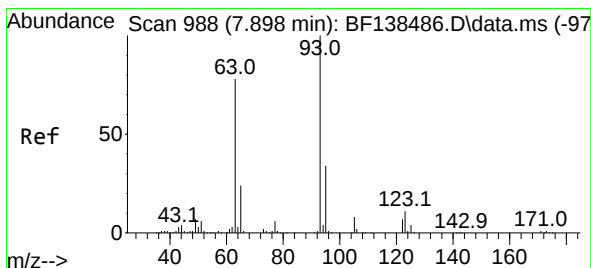
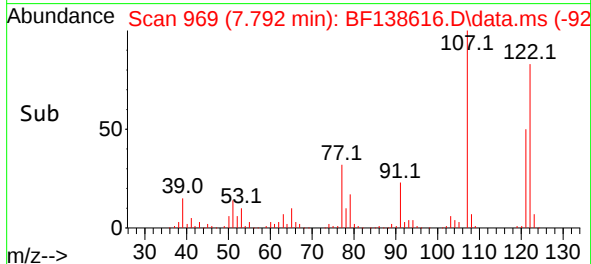
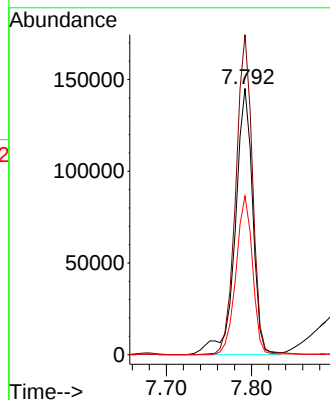
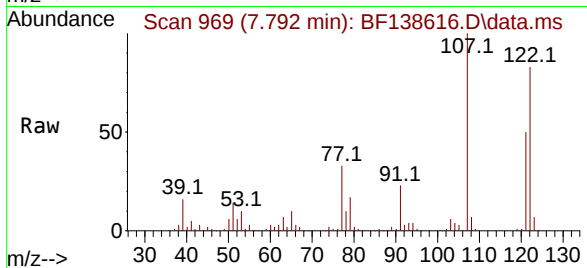
Tgt Ion:122 Resp: 206302

Ion Ratio Lower Upper

122 100

107 120.2 96.3 144.5

121 59.6 46.7 70.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.833 ng

RT: 7.886 min Scan# 985

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

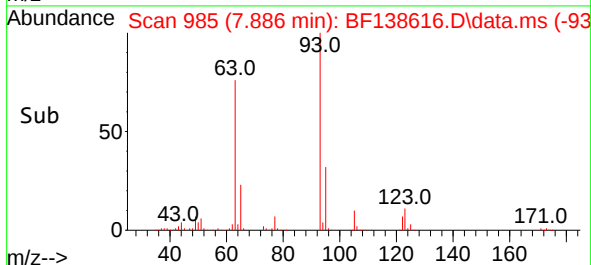
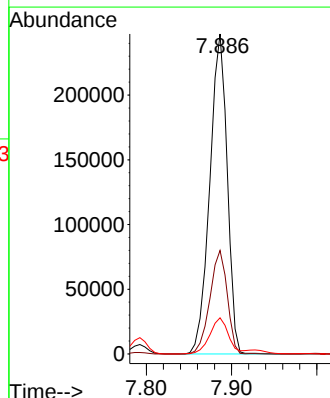
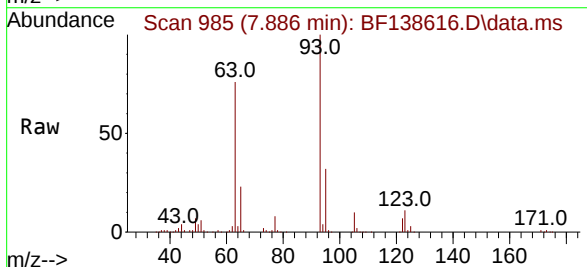
Tgt Ion: 93 Resp: 351265

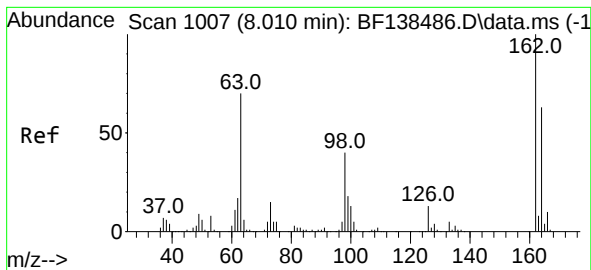
Ion Ratio Lower Upper

93 100

95 32.4 27.0 40.6

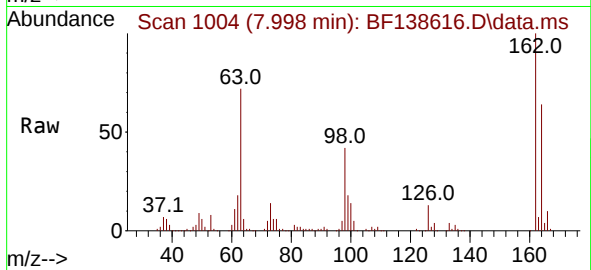
123 11.3 9.1 13.7



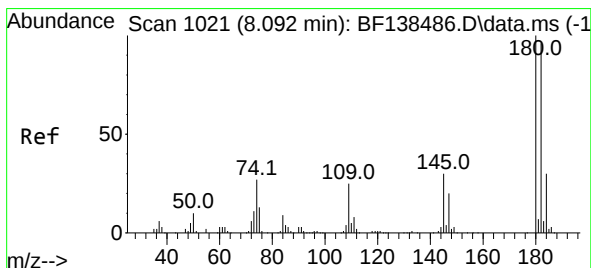
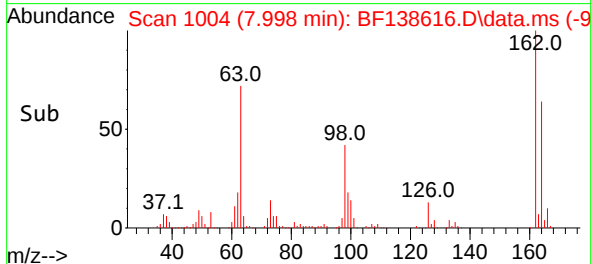
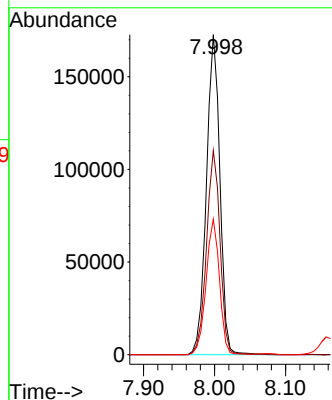


#29
2,4-Dichlorophenol
Concen: 44.064 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Instrument :
BNA_F
ClientSampleId :

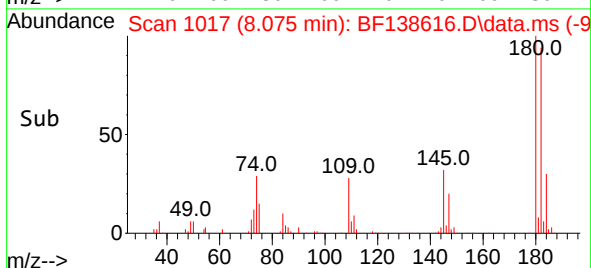
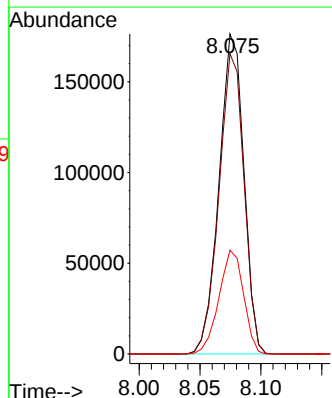
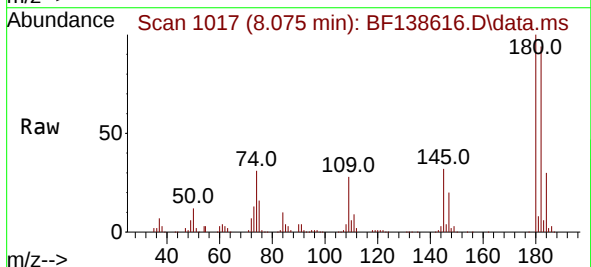


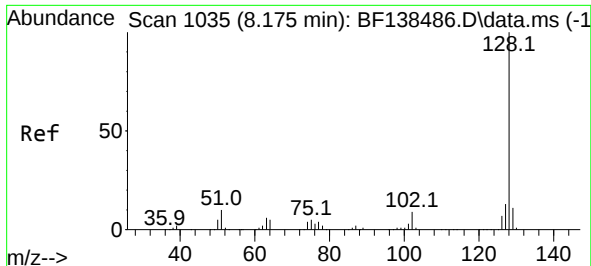
Tgt Ion:162 Resp: 228738
Ion Ratio Lower Upper
162 100
164 63.8 42.6 82.6
98 42.4 20.1 60.1



#30
1,2,4-Trichlorobenzene
Concen: 41.403 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.018 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

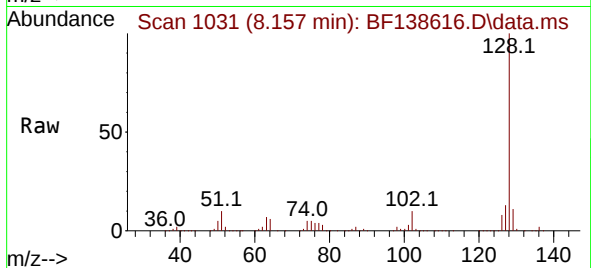
Tgt Ion:180 Resp: 250371
Ion Ratio Lower Upper
180 100
182 93.8 76.9 115.3
145 32.4 23.9 35.9



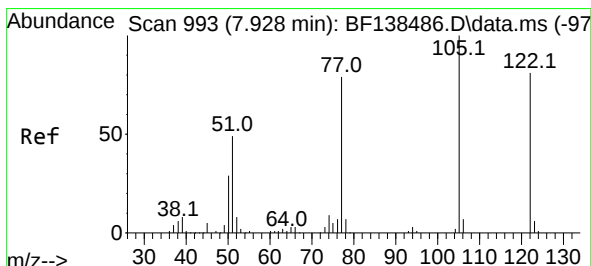
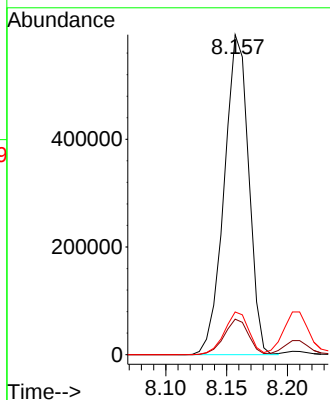
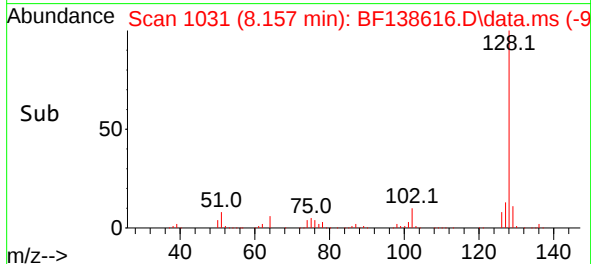


#31
Naphthalene
Concen: 43.559 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Instrument :
BNA_F
ClientSampleId :

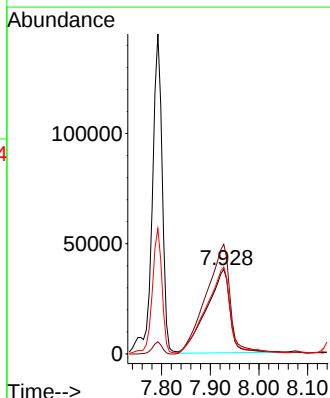
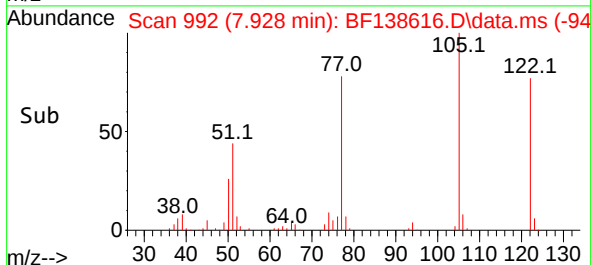
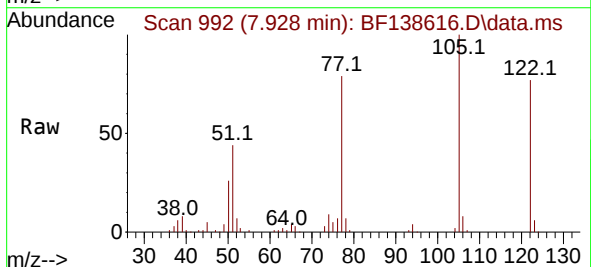


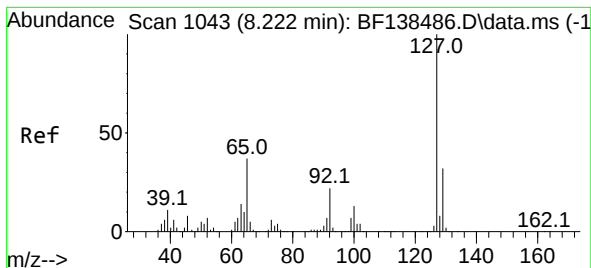
Tgt Ion:128 Resp: 830569
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.7 16.1



#32
Benzoic acid
Concen: 33.489 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Tgt Ion:122 Resp: 127682
Ion Ratio Lower Upper
122 100
105 129.6 101.5 141.5
77 102.9 77.3 117.3





#33

4-Chloroaniline

Concen: 18.995 ng

RT: 8.210 min Scan# 1040

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:127 Resp: 127079

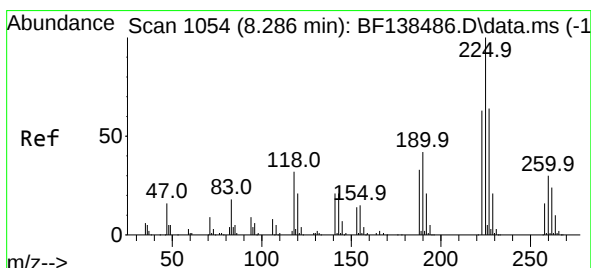
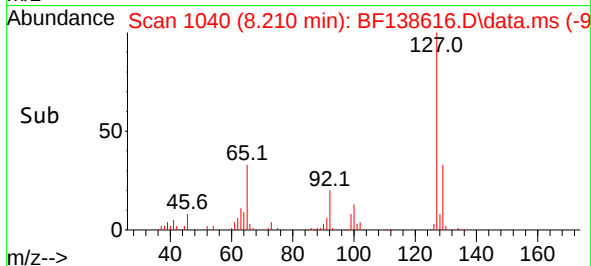
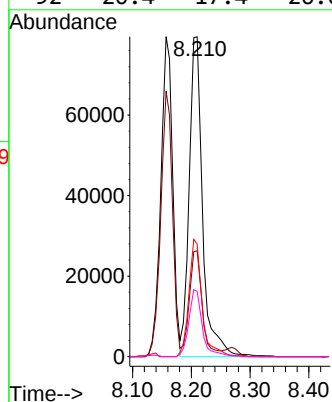
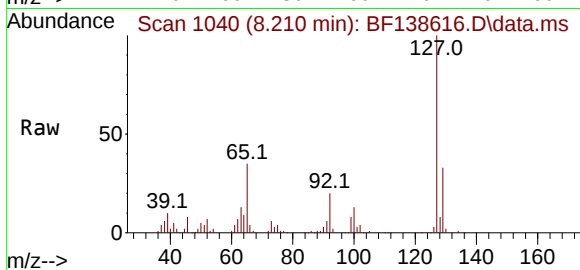
Ion Ratio Lower Upper

127 100

129 33.1 25.6 38.4

65 35.2 29.6 44.4

92 20.4 17.4 26.0



#34

Hexachlorobutadiene

Concen: 39.016 ng

RT: 8.269 min Scan# 1050

Delta R.T. -0.018 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

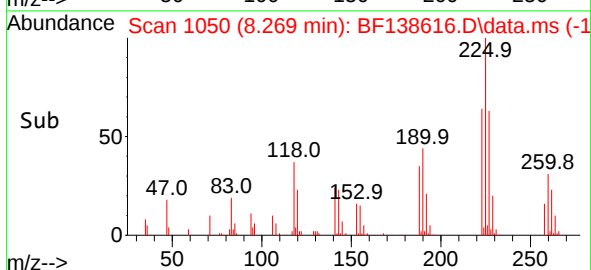
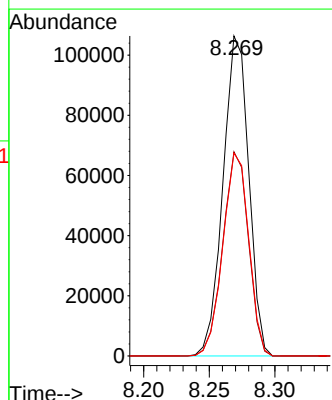
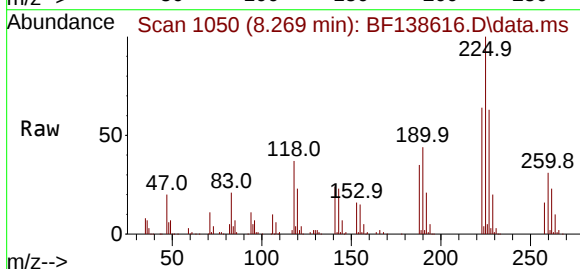
Tgt Ion:225 Resp: 145289

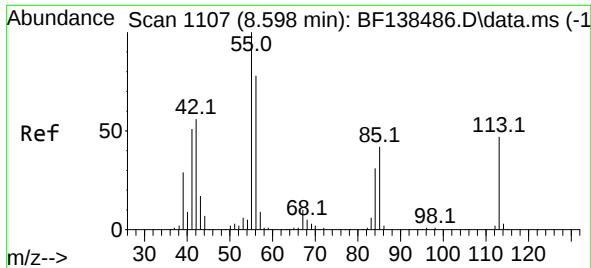
Ion Ratio Lower Upper

225 100

223 63.8 50.0 75.0

227 63.4 51.0 76.6

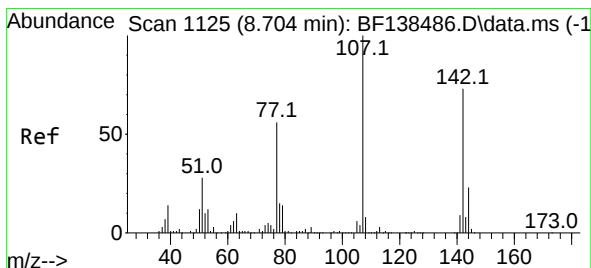
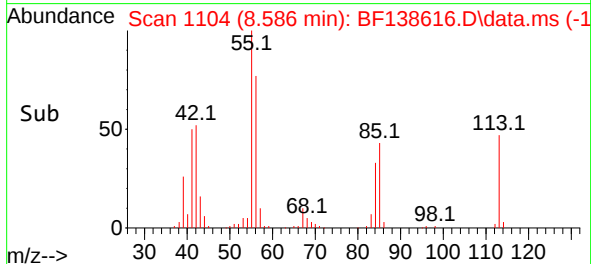
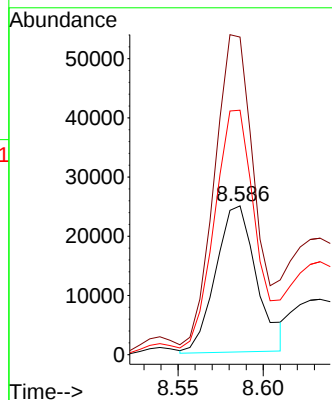
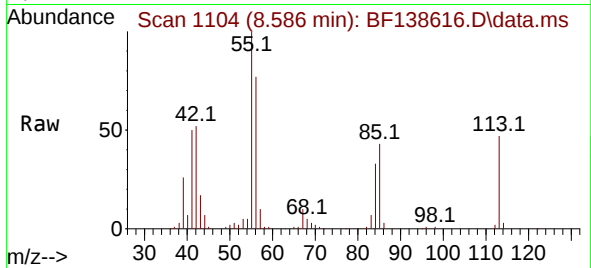




#35
 Caprolactam
 Concen: 24.600 ng
 RT: 8.586 min Scan# 1104
 Delta R.T. -0.012 min
 Lab File: BF138616.D
 Acq: 23 Jul 2024 13:55

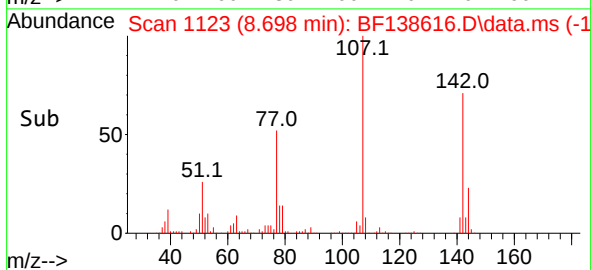
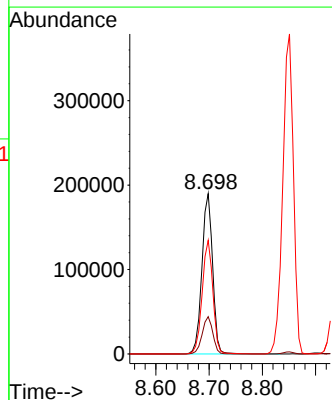
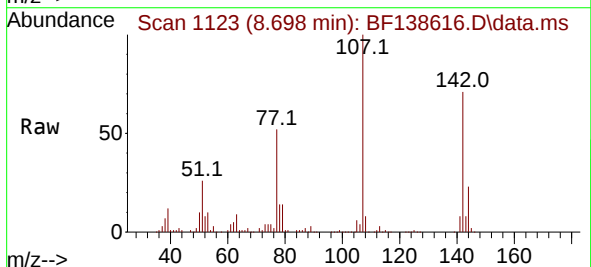
Instrument :
 BNA_F
 ClientSampleId :

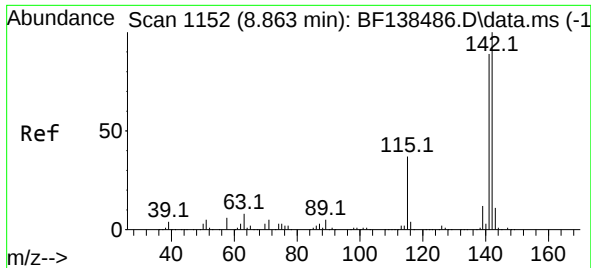
Tgt Ion:113 Resp: 41207
 Ion Ratio Lower Upper
 113 100
 55 213.3 192.5 232.5
 56 164.2 145.3 185.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.515 ng
 RT: 8.698 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: BF138616.D
 Acq: 23 Jul 2024 13:55

Tgt Ion:107 Resp: 264509
 Ion Ratio Lower Upper
 107 100
 144 23.3 18.6 27.8
 142 70.9 58.6 88.0

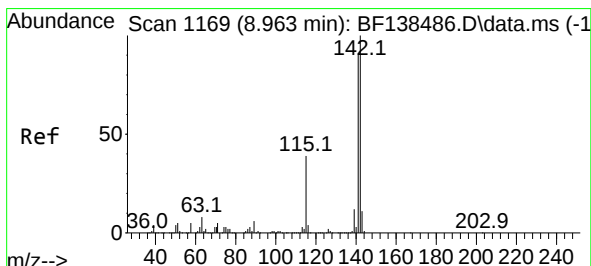
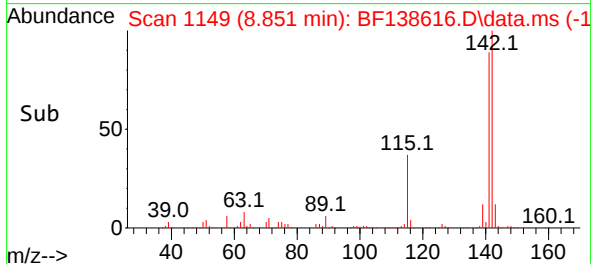
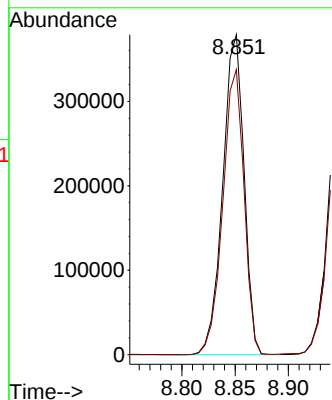
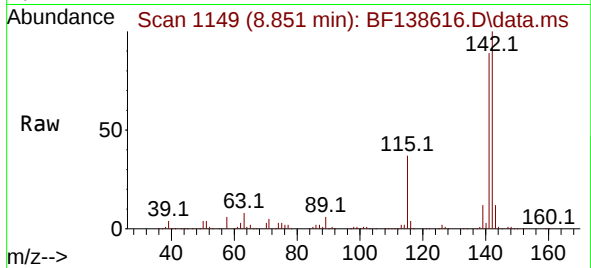




#37
2-Methylnaphthalene
Concen: 42.840 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

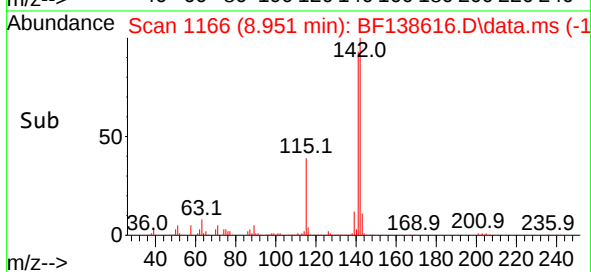
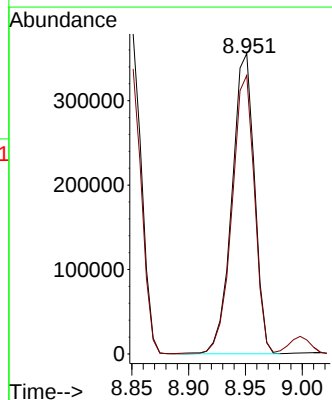
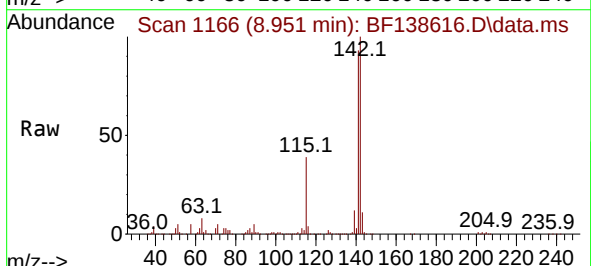
Instrument :
BNA_F
ClientSampleId :

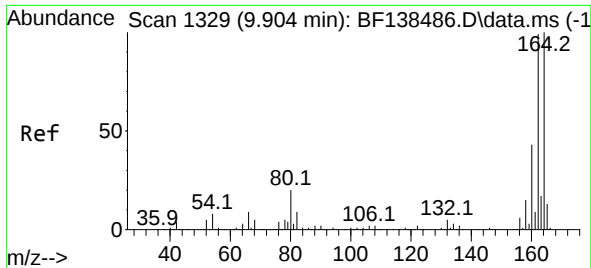
Tgt Ion:142 Resp: 525675
Ion Ratio Lower Upper
142 100
141 89.1 71.4 107.0



#38
1-Methylnaphthalene
Concen: 40.963 ng
RT: 8.951 min Scan# 1166
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

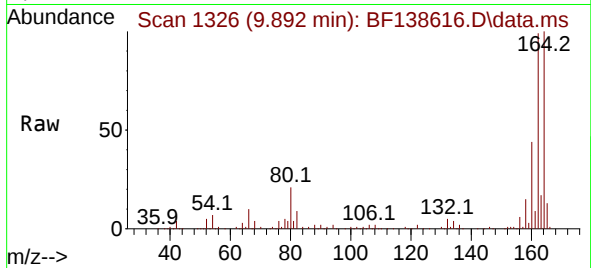
Tgt Ion:142 Resp: 490556
Ion Ratio Lower Upper
142 100
141 92.7 72.6 108.8



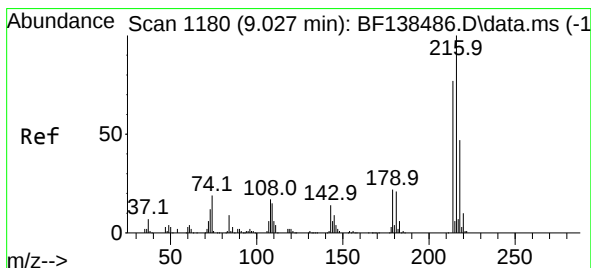
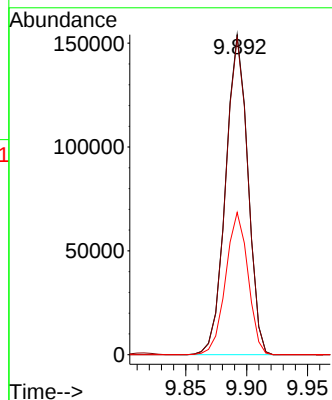
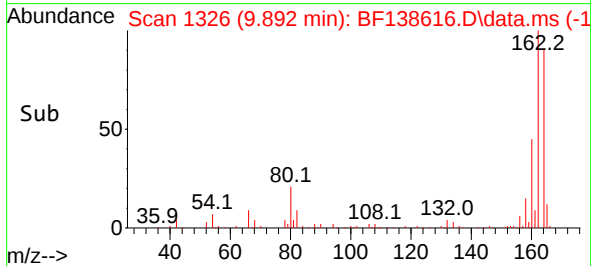


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

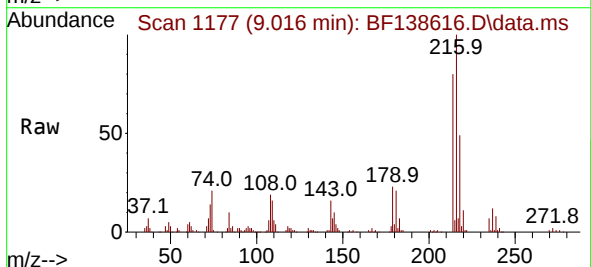
Instrument :
BNA_F
ClientSampleId :



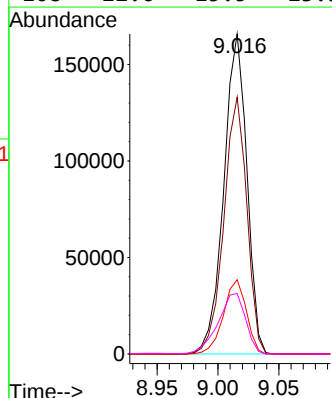
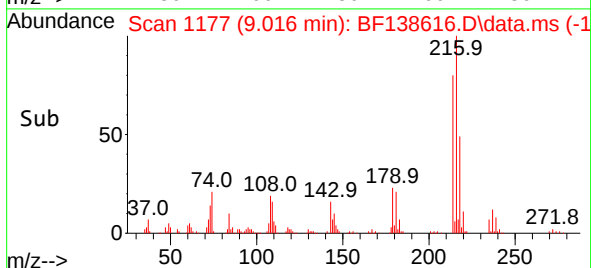
Tgt Ion:164 Resp: 195838
Ion Ratio Lower Upper
164 100
162 99.0 79.0 118.6
160 44.5 34.4 51.6

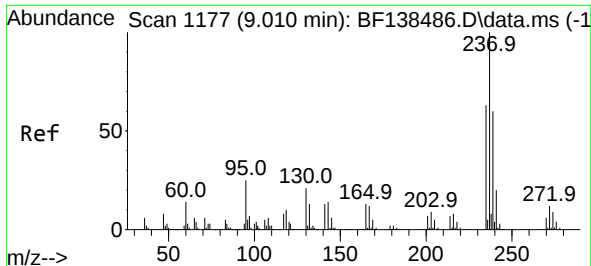


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.012 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55



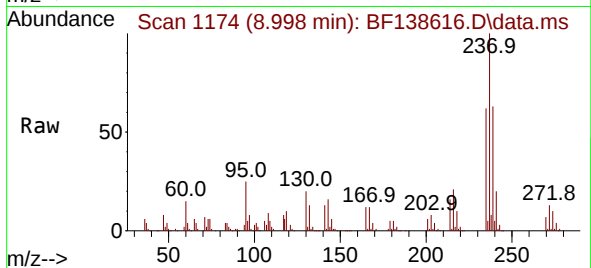
Tgt Ion:216 Resp: 218389
Ion Ratio Lower Upper
216 100
214 79.7 62.8 94.2
179 23.1 17.7 26.5
108 22.6 15.5 23.3



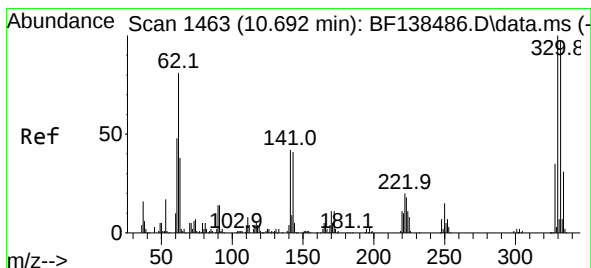
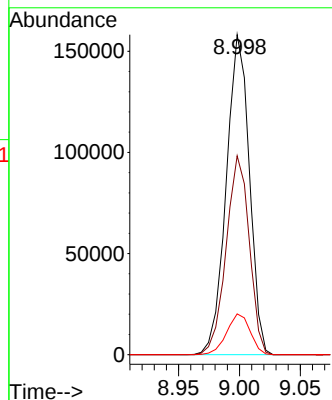
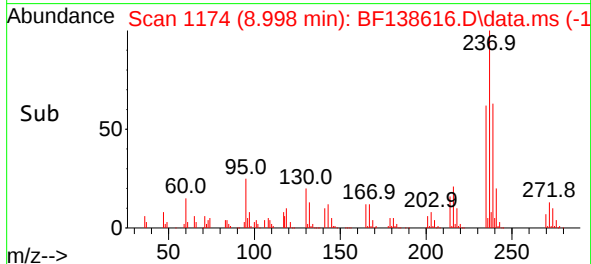


#41
Hexachlorocyclopentadiene
Concen: 117.841 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

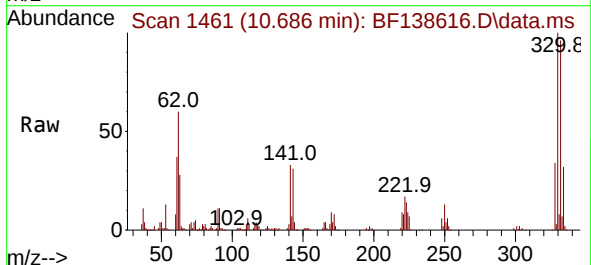
Instrument :
BNA_F
ClientSampleId :



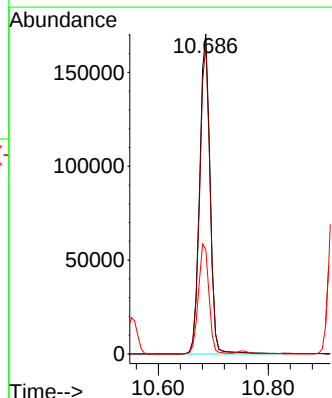
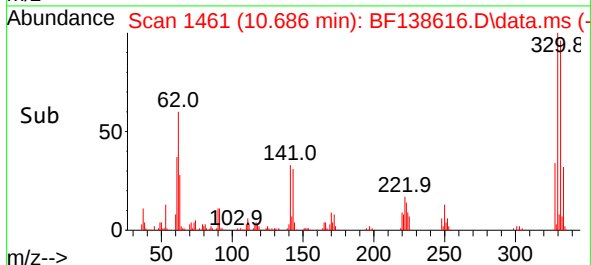
Tgt Ion:237 Resp: 208769
Ion Ratio Lower Upper
237 100
235 62.2 43.3 83.3
272 12.8 0.0 32.3

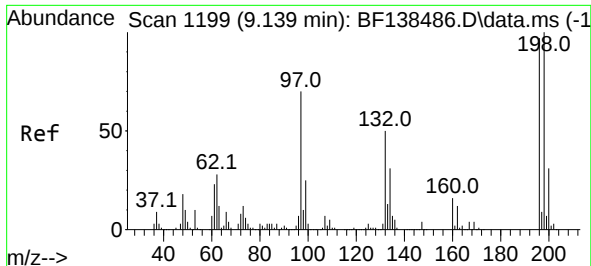


#42
2,4,6-Tribromophenol
Concen: 122.871 ng
RT: 10.686 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55



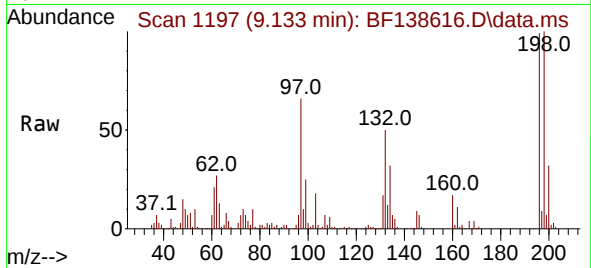
Tgt Ion:330 Resp: 224891
Ion Ratio Lower Upper
330 100
332 96.1 76.8 115.2
141 34.8 29.4 44.2



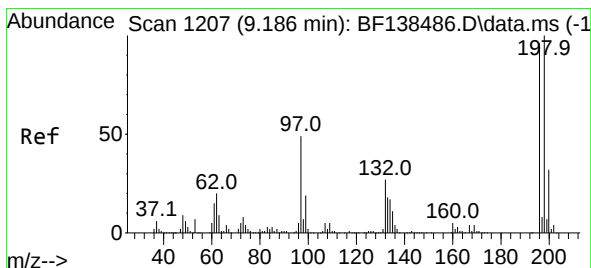
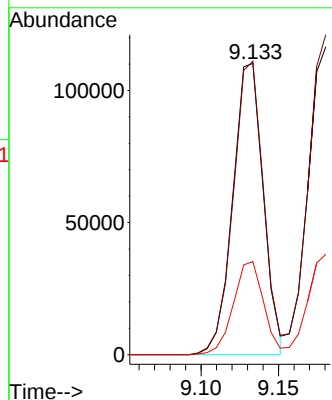
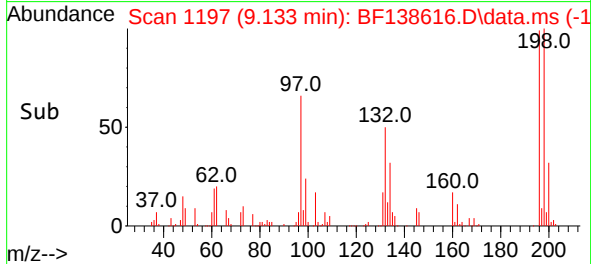


#43
2,4,6-Trichlorophenol
Concen: 43.250 ng
RT: 9.133 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

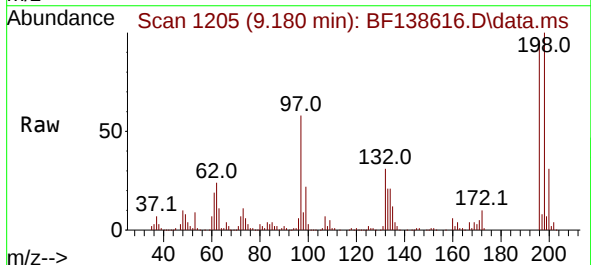
Instrument :
BNA_F
ClientSampleId :



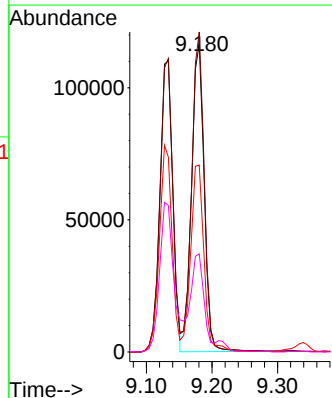
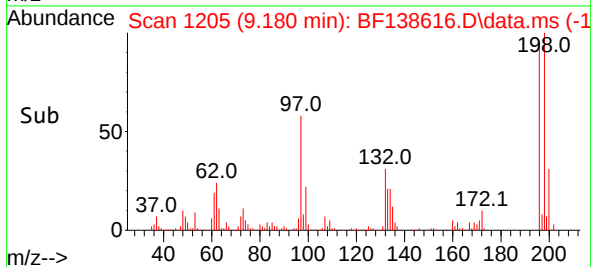
Tgt Ion:196 Resp: 150580
Ion Ratio Lower Upper
196 100
198 100.8 82.3 123.5
200 32.0 25.8 38.6

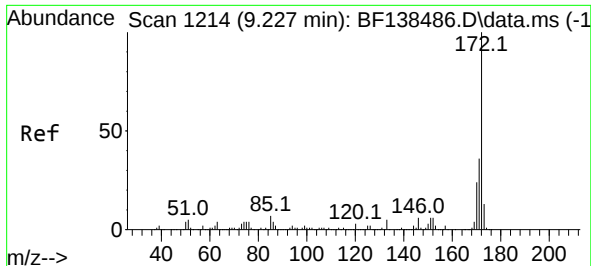


#44
2,4,5-Trichlorophenol
Concen: 40.798 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.006 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55



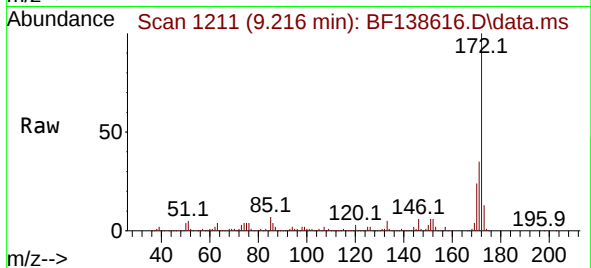
Tgt Ion:196 Resp: 156231
Ion Ratio Lower Upper
196 100
198 103.9 82.8 124.2
97 60.7 41.0 61.4
132 31.9 22.7 34.1



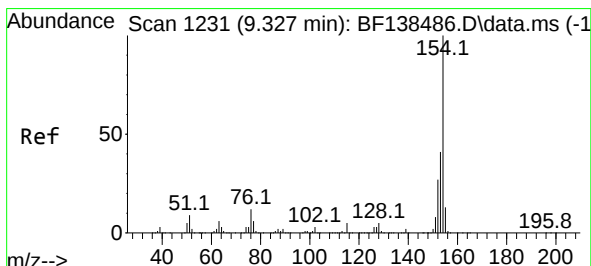
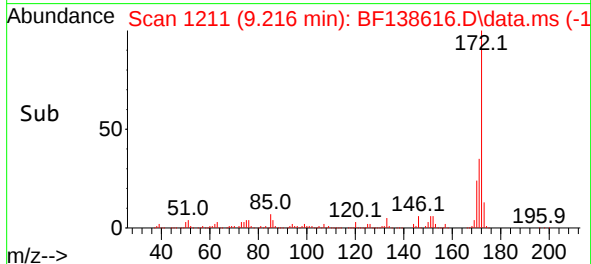
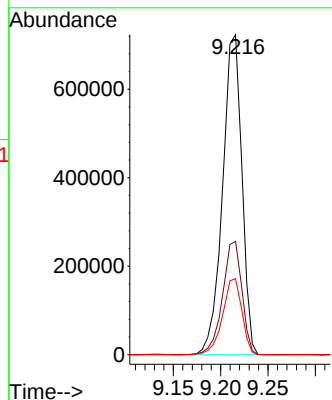


#45
2-Fluorobiphenyl
Concen: 81.968 ng
RT: 9.216 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Instrument :
BNA_F
ClientSampleId :

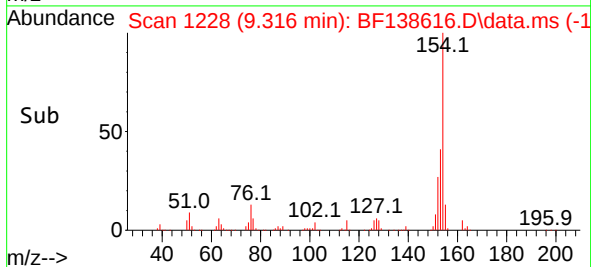
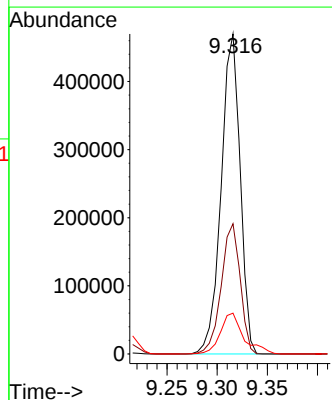
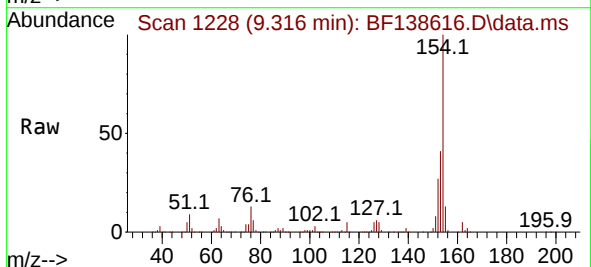


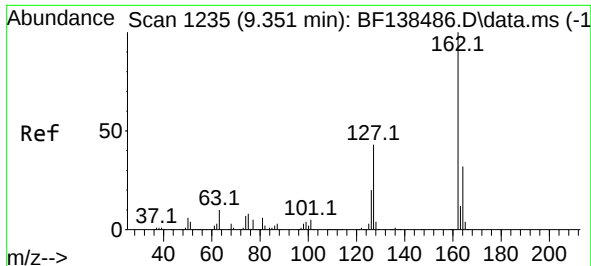
Tgt Ion:172 Resp: 1027091
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 23.8 18.9 28.3



#46
1,1'-Biphenyl
Concen: 41.544 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Tgt Ion:154 Resp: 616570
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 12.7 0.0 32.2

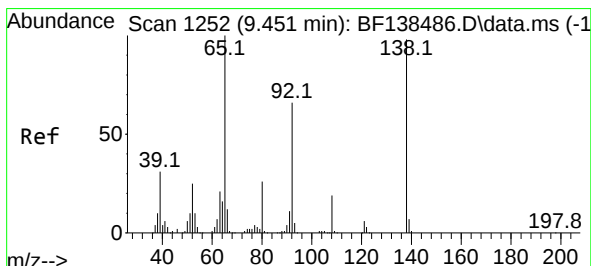
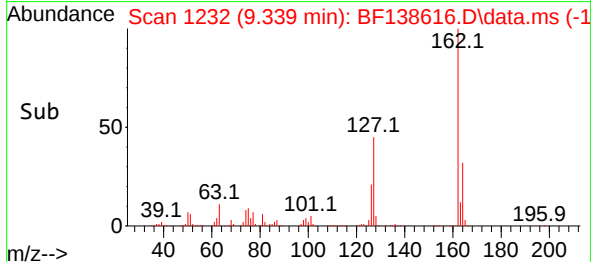
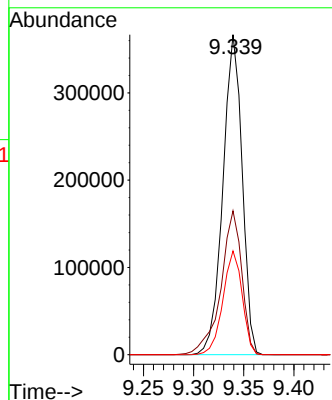
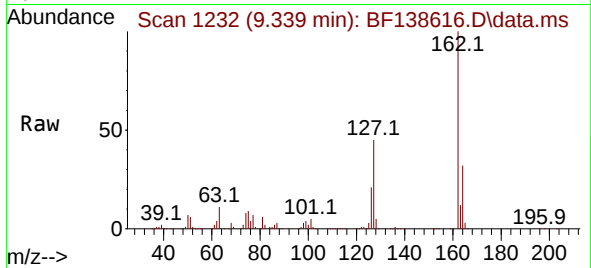




#47
2-Chloronaphthalene
Concen: 43.633 ng
RT: 9.339 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

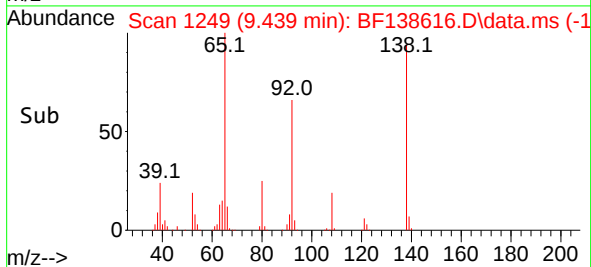
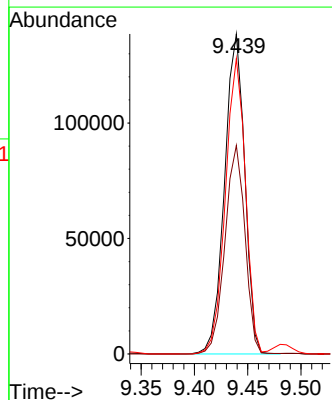
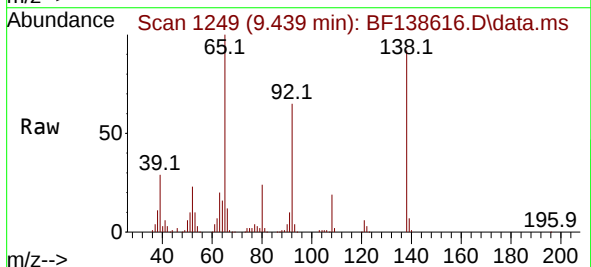
Instrument :
BNA_F
ClientSampleId :

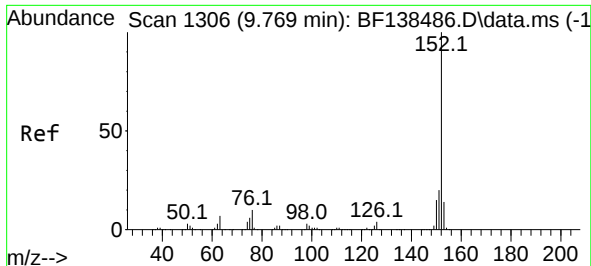
Tgt Ion:162 Resp: 489213
Ion Ratio Lower Upper
162 100
127 45.0 34.8 52.2
164 32.4 25.6 38.4



#48
2-Nitroaniline
Concen: 46.880 ng
RT: 9.439 min Scan# 1249
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Tgt Ion: 65 Resp: 182146
Ion Ratio Lower Upper
65 100
92 65.1 52.6 78.8
138 92.3 78.6 118.0





#49

Acenaphthylene

Concen: 48.152 ng

RT: 9.757 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

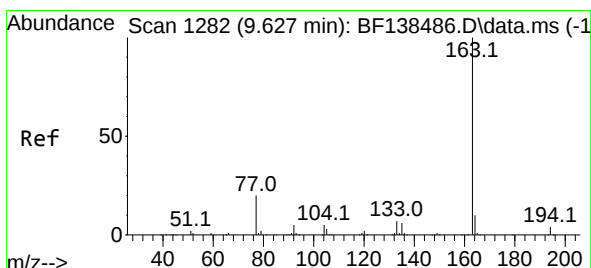
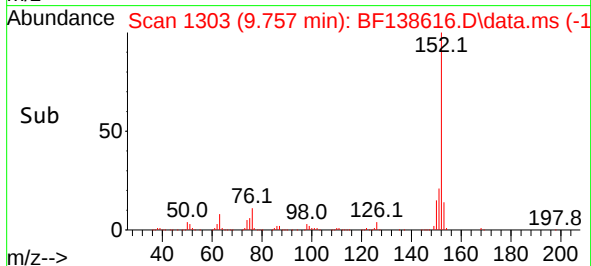
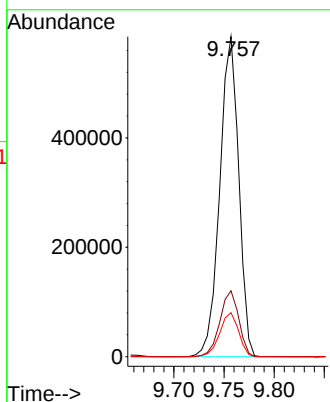
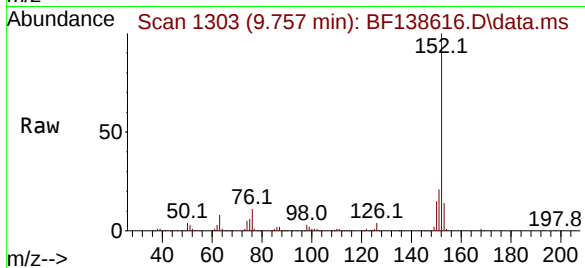
Tgt Ion:152 Resp: 766504

Ion Ratio Lower Upper

152 100

151 20.6 16.3 24.5

153 13.8 11.3 16.9



#50

Dimethylphthalate

Concen: 44.956 ng

RT: 9.616 min Scan# 1279

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

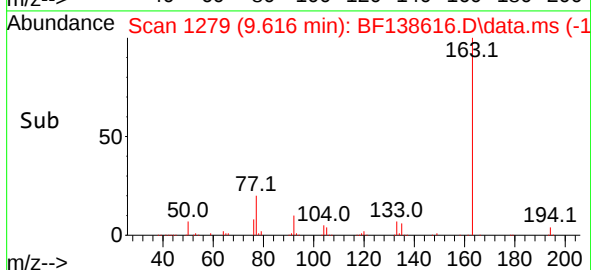
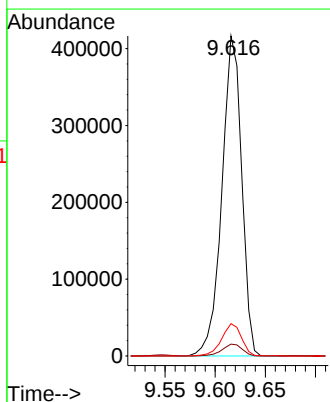
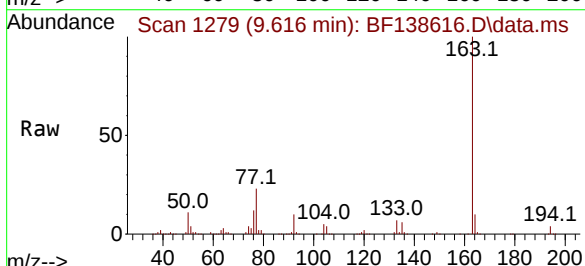
Tgt Ion:163 Resp: 569290

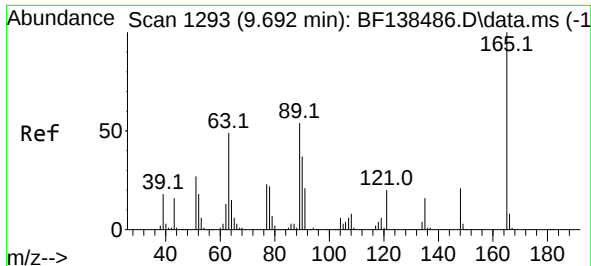
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.6

164 10.1 8.1 12.1





#51

2,6-Dinitrotoluene

Concen: 43.582 ng

RT: 9.680 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

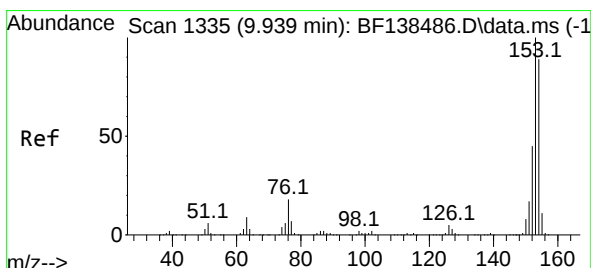
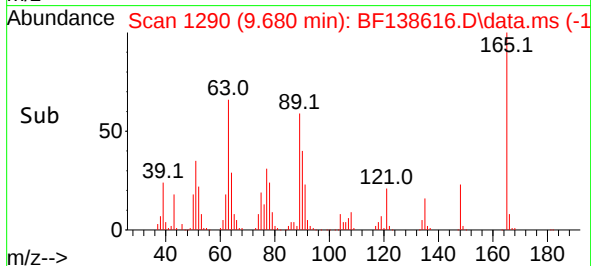
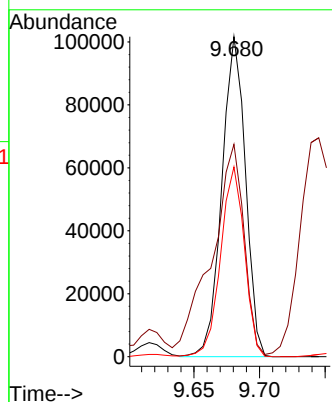
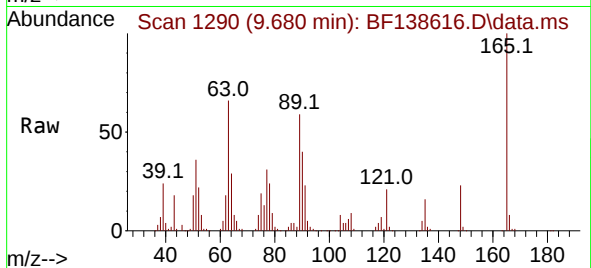
Tgt Ion:165 Resp: 127071

Ion Ratio Lower Upper

165 100

63 66.4 48.1 72.1

89 59.3 43.0 64.6



#52

Acenaphthene

Concen: 44.917 ng

RT: 9.927 min Scan# 1332

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

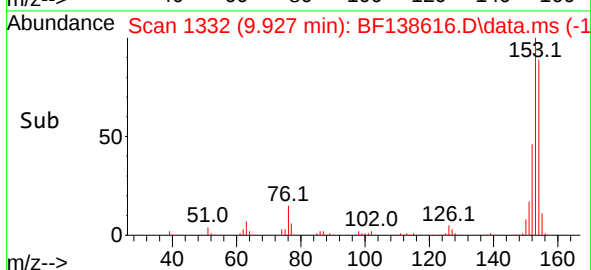
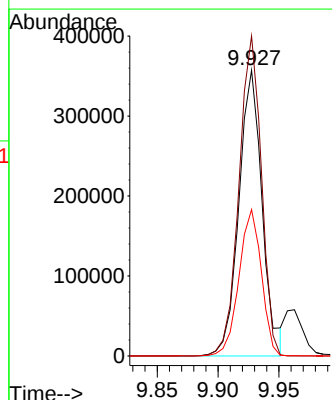
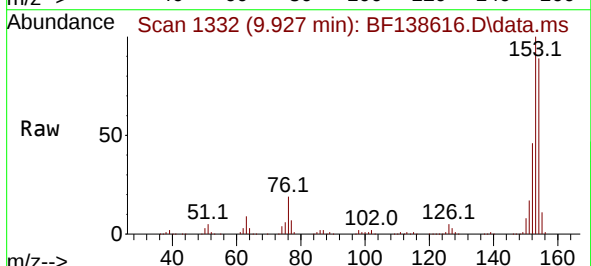
Tgt Ion:154 Resp: 475285

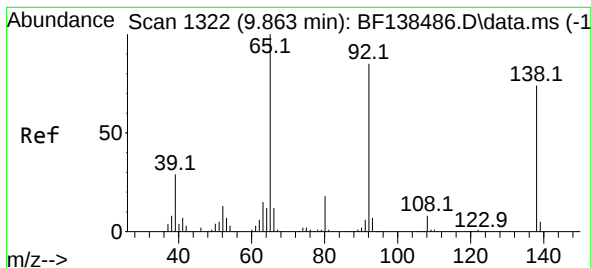
Ion Ratio Lower Upper

154 100

153 112.0 90.4 135.6

152 51.3 41.1 61.7





#53

3-Nitroaniline

Concen: 27.058 ng

RT: 9.851 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

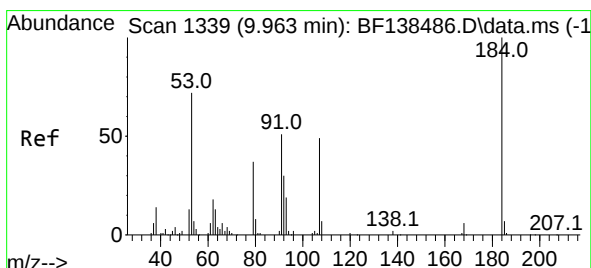
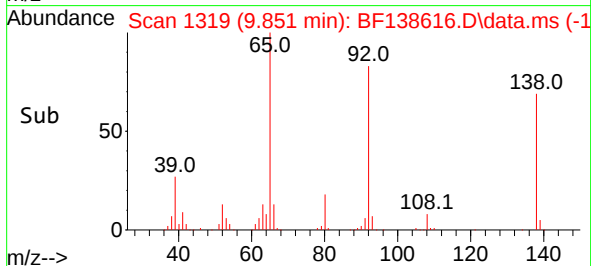
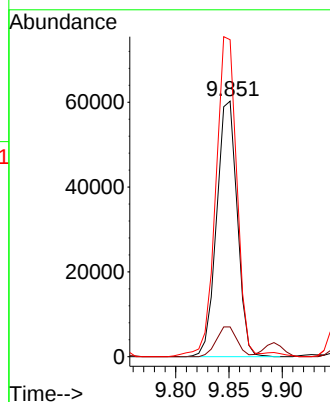
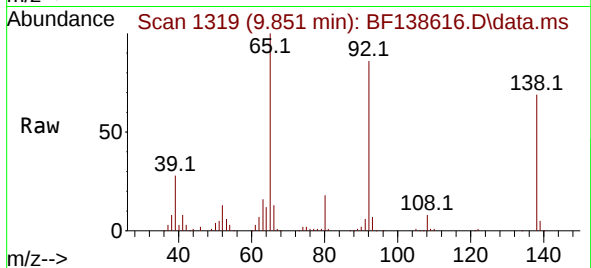
Tgt Ion:138 Resp: 80861

Ion Ratio Lower Upper

138 100

108 11.6 8.3 12.5

92 124.0 92.6 138.8



#54

2,4-Dinitrophenol

Concen: 74.331 ng

RT: 9.963 min Scan# 1338

Delta R.T. -0.000 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

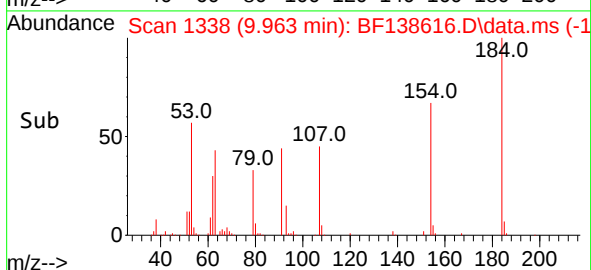
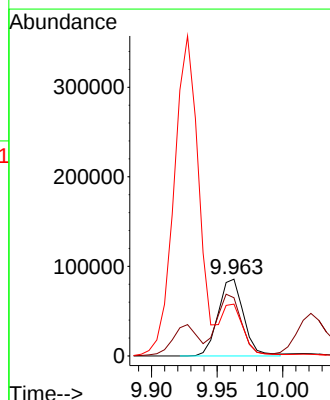
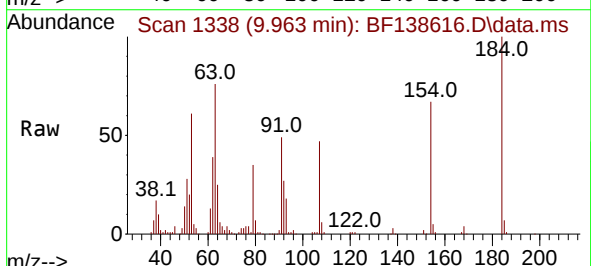
Tgt Ion:184 Resp: 115765

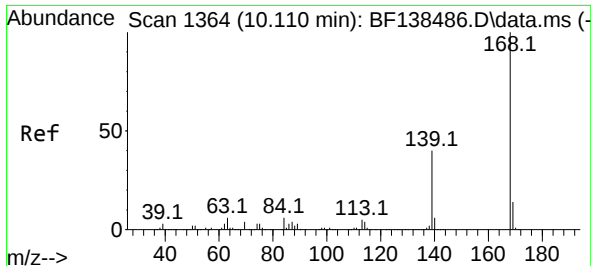
Ion Ratio Lower Upper

184 100

63 75.9 70.6 106.0

154 67.5 53.8 80.6

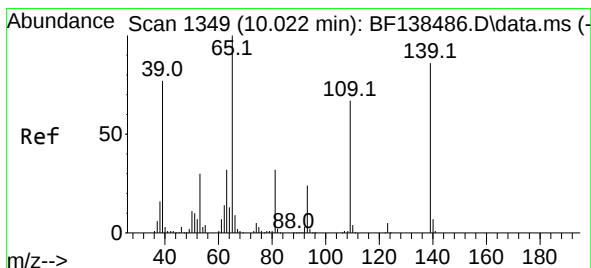
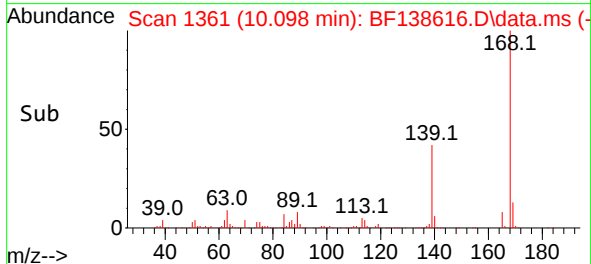
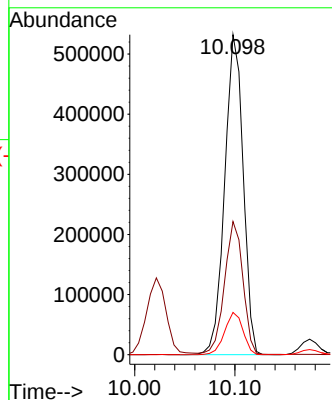
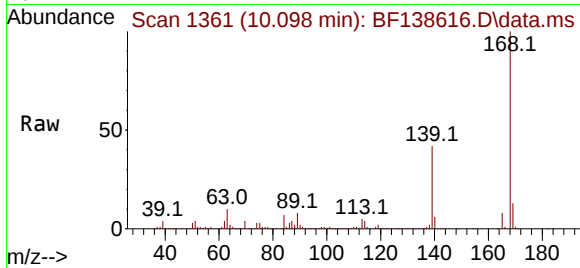




#55
Dibenzenofuran
Concen: 44.291 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

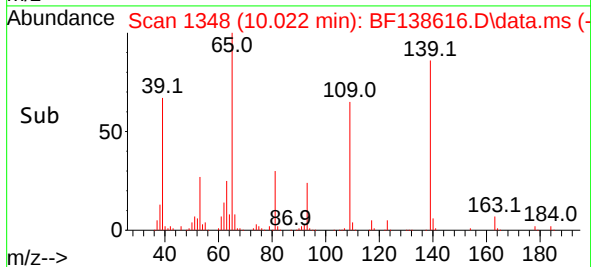
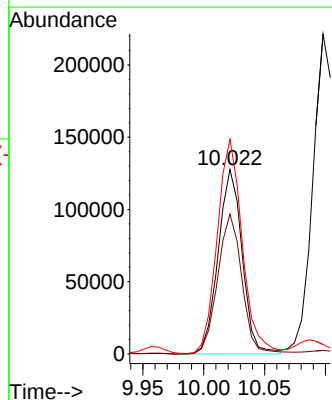
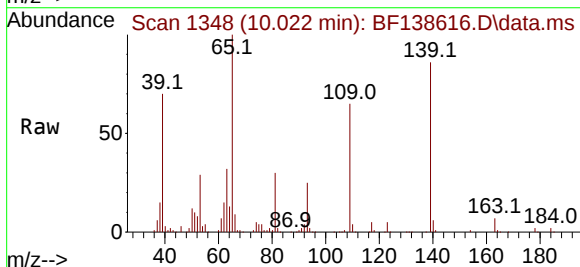
Instrument :
BNA_F
ClientSampleId :

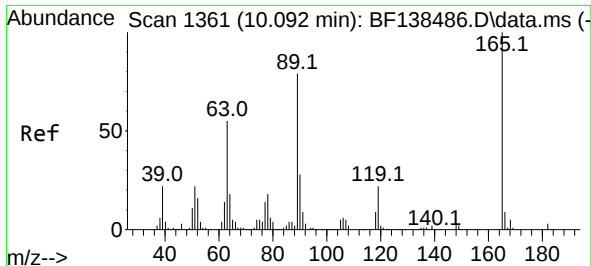
Tgt Ion:168 Resp: 679778
Ion Ratio Lower Upper
168 100
139 41.6 32.4 48.6
169 13.2 10.9 16.3



#56
4-Nitrophenol
Concen: 79.450 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Tgt Ion:139 Resp: 175187
Ion Ratio Lower Upper
139 100
109 75.7 58.1 98.1
65 116.4 96.9 136.9





#57

2,4-Dinitrotoluene

Concen: 43.925 ng

RT: 10.086 min Scan# 1419

Delta R.T. -0.006 min

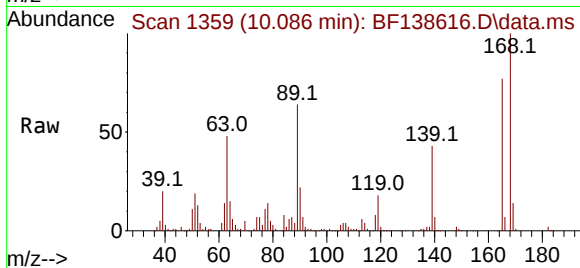
Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :



Tgt Ion:165 Resp: 165706

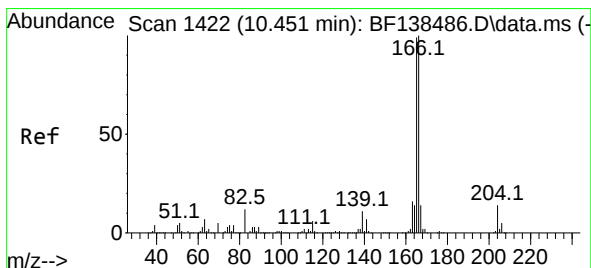
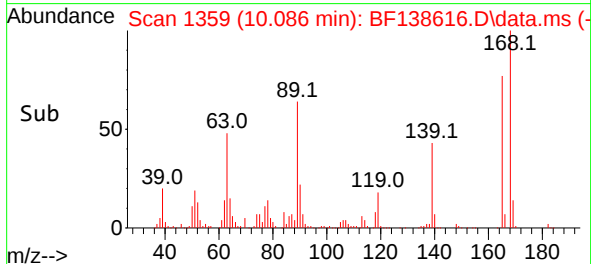
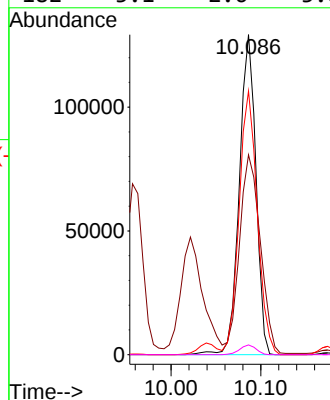
Ion Ratio Lower Upper

165 100

63 62.5 44.6 66.8

89 82.4 63.4 95.2

182 3.1 2.6 3.8



#58

Fluorene

Concen: 43.813 ng

RT: 10.439 min Scan# 1419

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

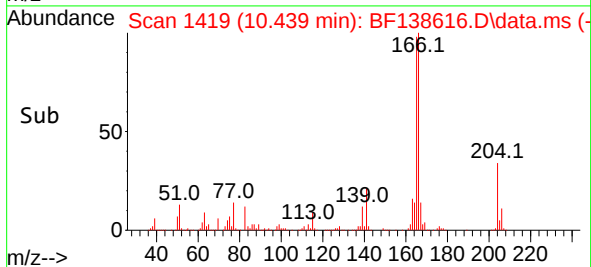
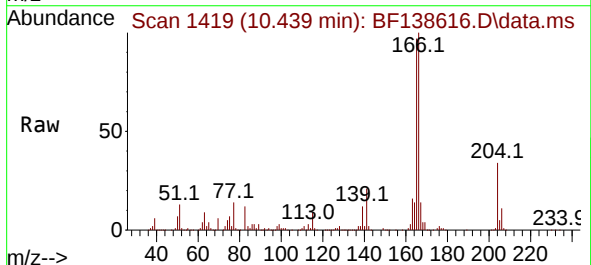
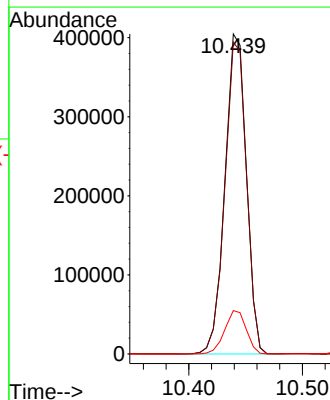
Tgt Ion:166 Resp: 532072

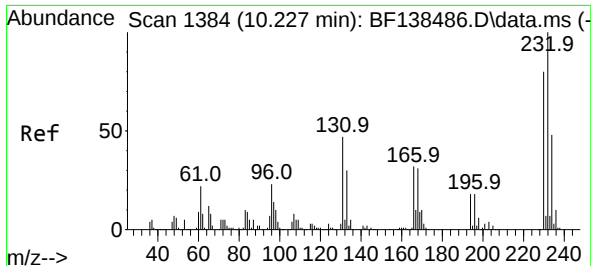
Ion Ratio Lower Upper

166 100

165 97.5 79.1 118.7

167 13.6 11.0 16.6





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.751 ng

RT: 10.216 min Scan# 1381

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

Tgt Ion:232 Resp: 129201

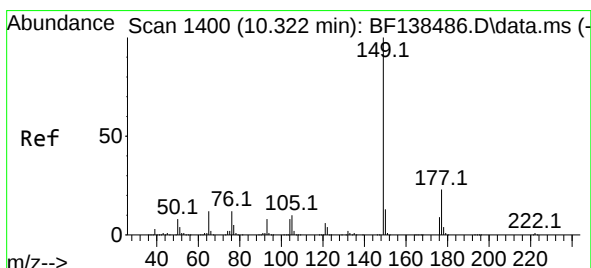
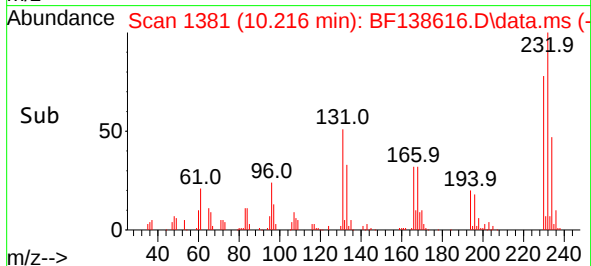
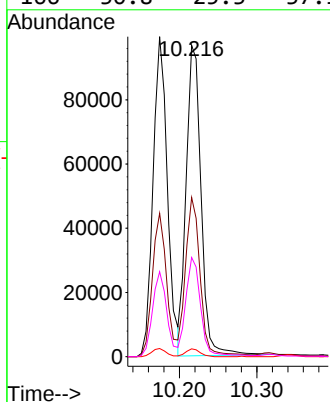
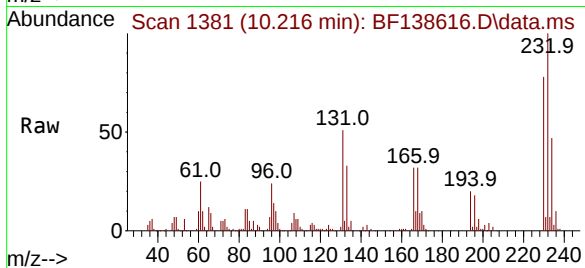
Ion Ratio Lower Upper

232 100

131 50.0 37.5 56.3

130 2.4 2.0 3.0

166 30.8 25.3 37.9



#60

Diethylphthalate

Concen: 43.803 ng

RT: 10.316 min Scan# 1398

Delta R.T. -0.006 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

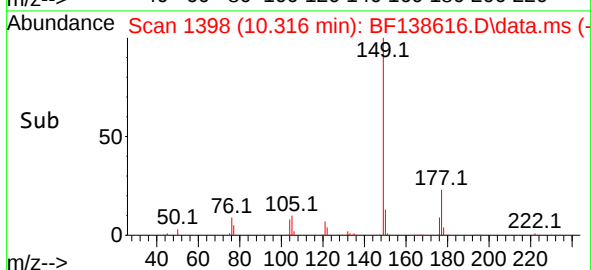
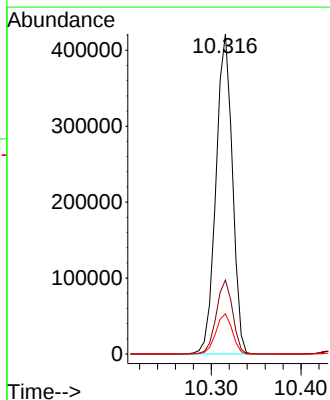
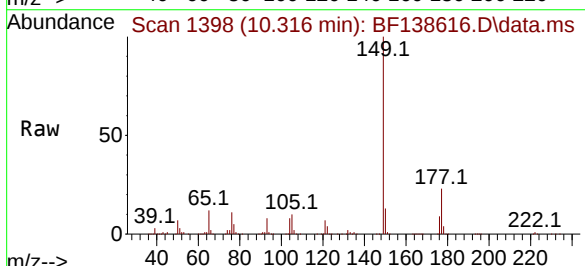
Tgt Ion:149 Resp: 534745

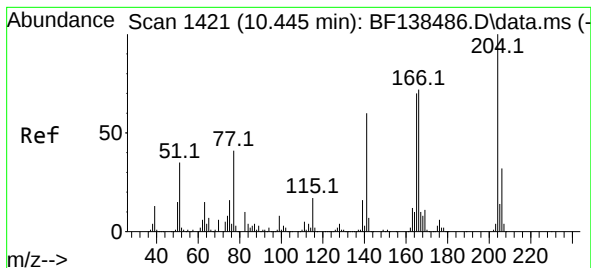
Ion Ratio Lower Upper

149 100

177 23.1 18.5 27.7

150 12.6 10.3 15.5

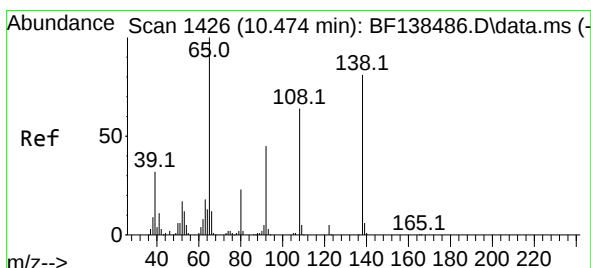
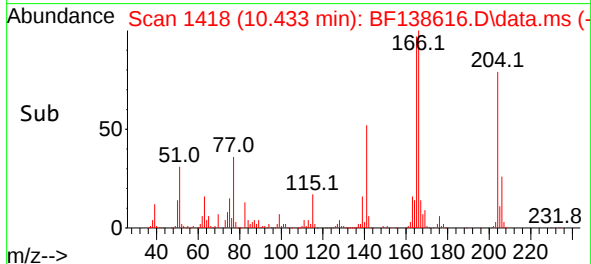
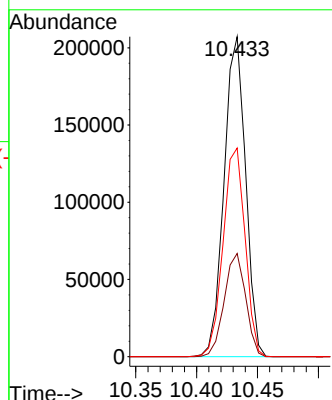
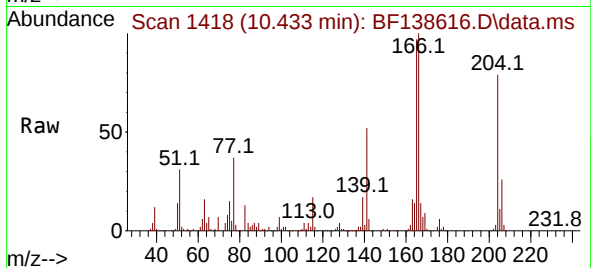




#61
4-Chlorophenyl-phenylether
Concen: 41.939 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

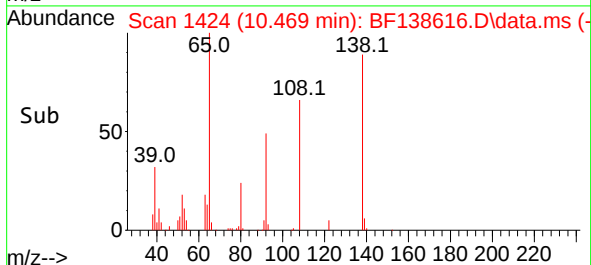
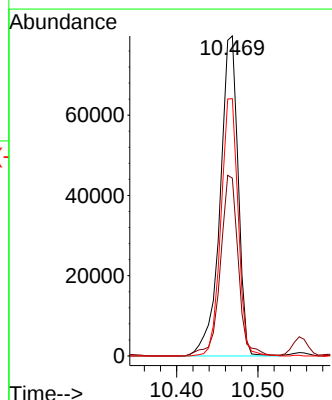
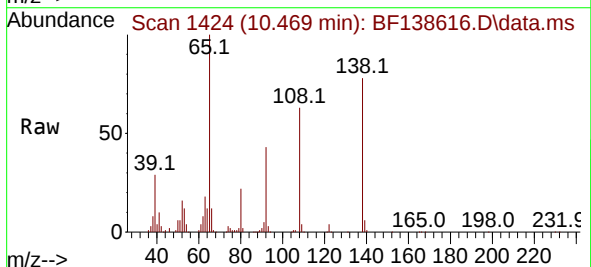
Instrument :
BNA_F
ClientSampleId :

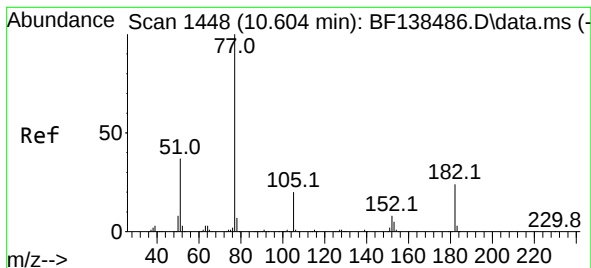
Tgt Ion:204 Resp: 255749
Ion Ratio Lower Upper
204 100
206 32.3 25.6 38.4
141 65.2 47.7 71.5



#62
4-Nitroaniline
Concen: 41.194 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.006 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

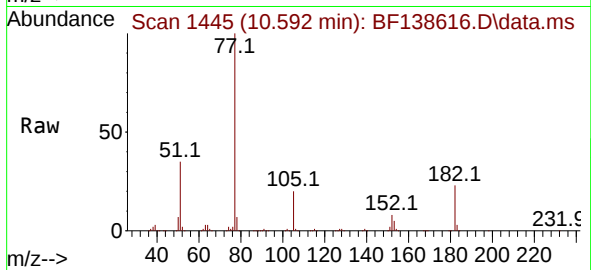
Tgt Ion:138 Resp: 123359
Ion Ratio Lower Upper
138 100
92 55.5 35.8 75.8
108 80.4 59.8 99.8



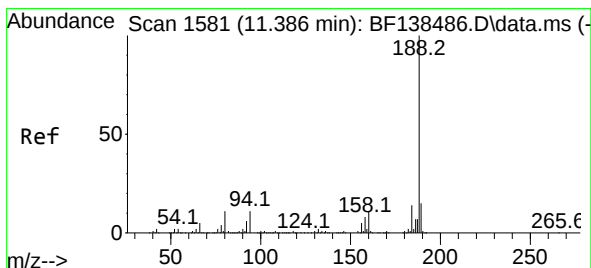
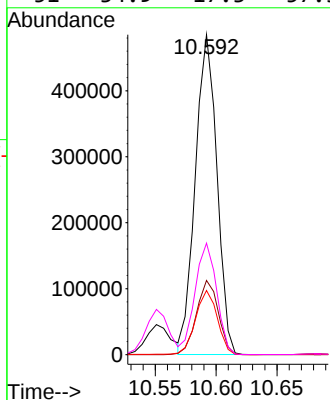
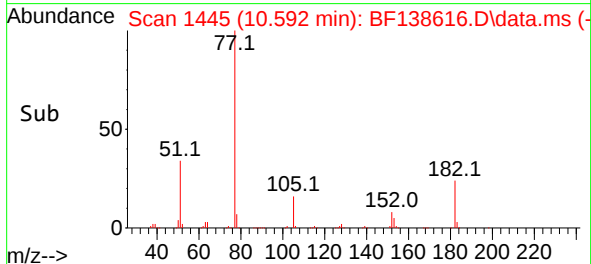


#63
 Azobenzene
 Concen: 45.508 ng
 RT: 10.592 min Scan# 1445
 Delta R.T. -0.012 min
 Lab File: BF138616.D
 Acq: 23 Jul 2024 13:55

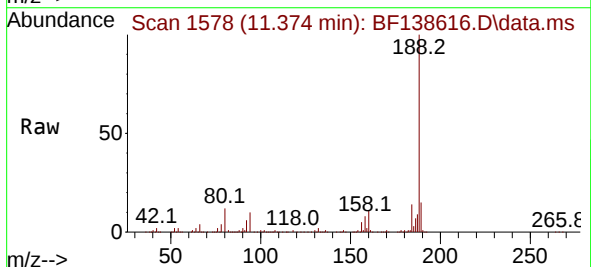
Instrument :
 BNA_F
 ClientSampleId :



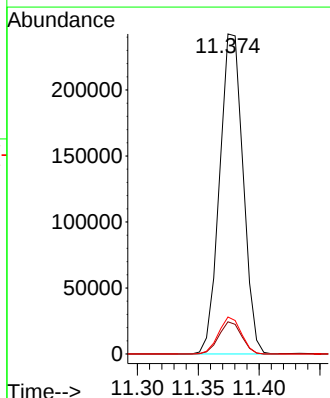
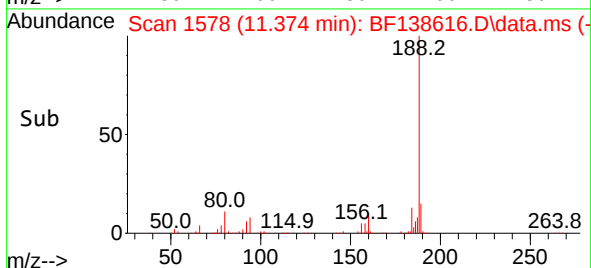
Tgt Ion:	77	Resp:	597294
Ion	Ratio	Lower	Upper
77	100		
182	23.2	3.8	43.8
105	20.1	0.0	39.8
51	34.9	17.3	57.3

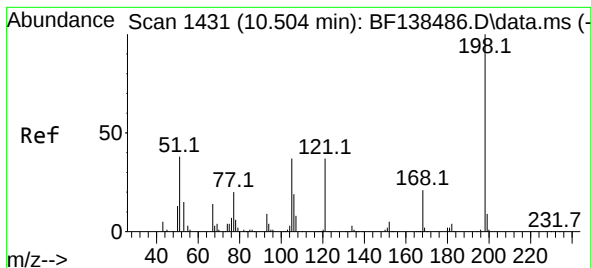


#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.374 min Scan# 1578
 Delta R.T. -0.012 min
 Lab File: BF138616.D
 Acq: 23 Jul 2024 13:55



Tgt Ion:	188	Resp:	325105
Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.7	13.1
80	11.6	9.0	13.4

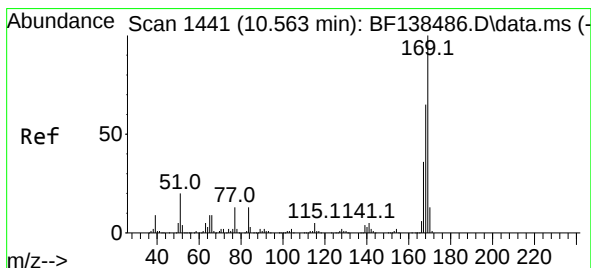
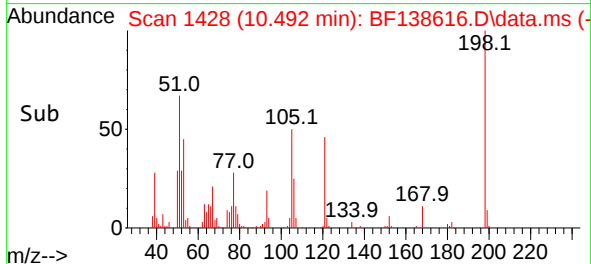
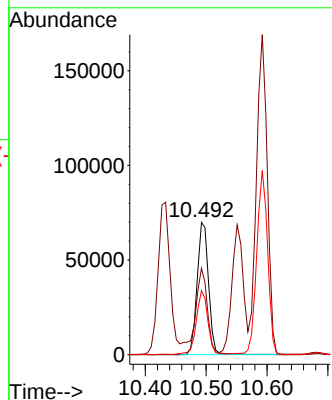
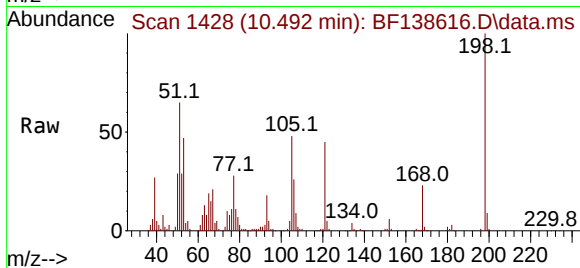




#65
4,6-Dinitro-2-methylphenol
Concen: 48.819 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

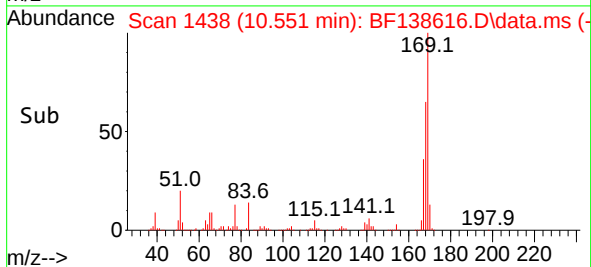
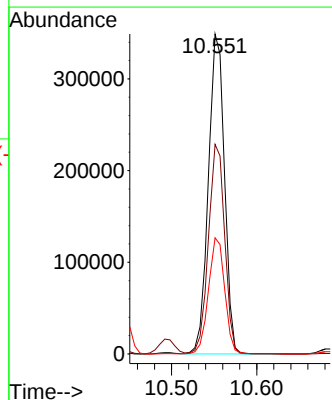
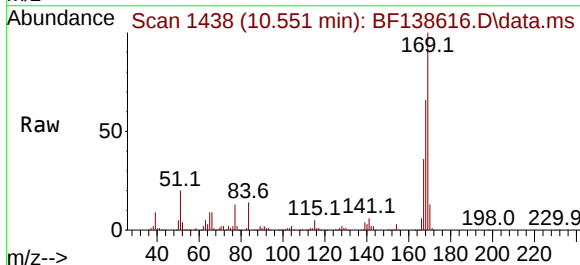
Instrument :
BNA_F
ClientSampleId :

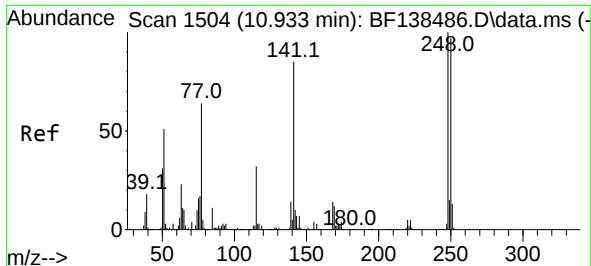
Tgt Ion:198 Resp: 91642
Ion Ratio Lower Upper
198 100
51 65.4 27.2 67.2
105 48.5 18.5 58.5



#66
n-Nitrosodiphenylamine
Concen: 46.997 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Tgt Ion:169 Resp: 457769
Ion Ratio Lower Upper
169 100
168 65.5 51.7 77.5
167 36.3 28.5 42.7





#67

4-Bromophenyl-phenylether

Concen: 45.153 ng

RT: 10.922 min Scan# 1501

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

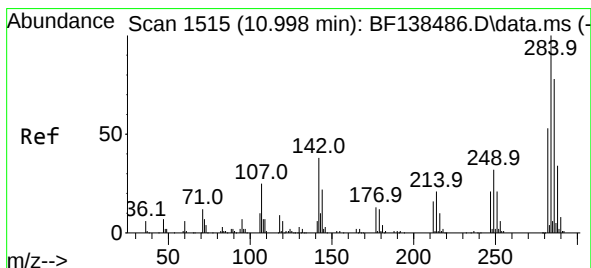
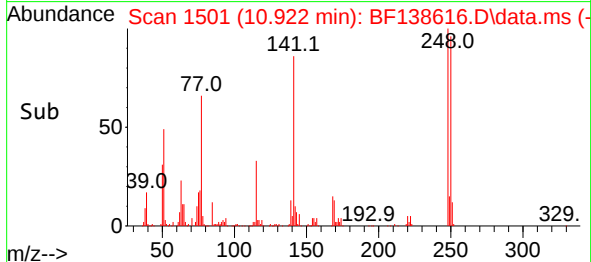
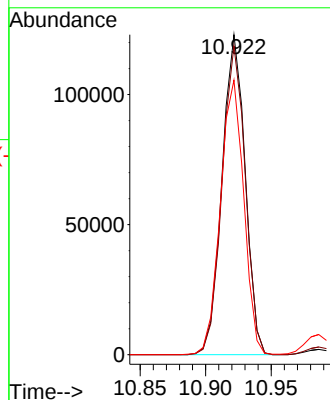
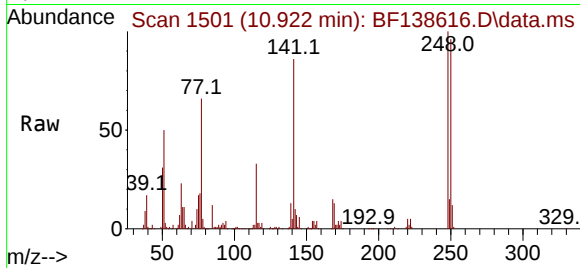
Tgt Ion:248 Resp: 150876

Ion Ratio Lower Upper

248 100

250 96.5 77.9 116.9

141 85.8 67.7 101.5



#68

Hexachlorobenzene

Concen: 44.614 ng

RT: 10.986 min Scan# 1512

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

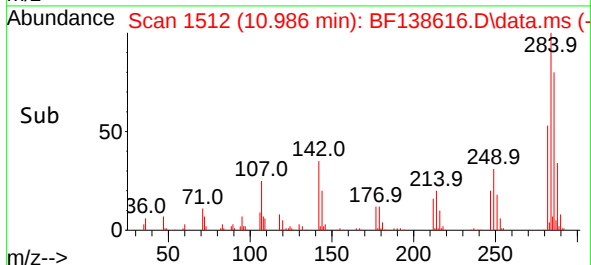
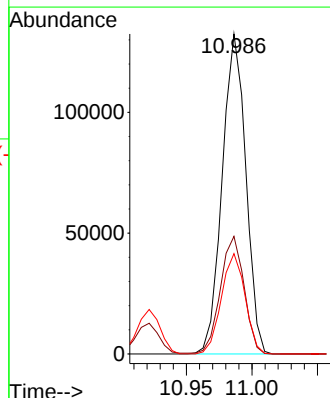
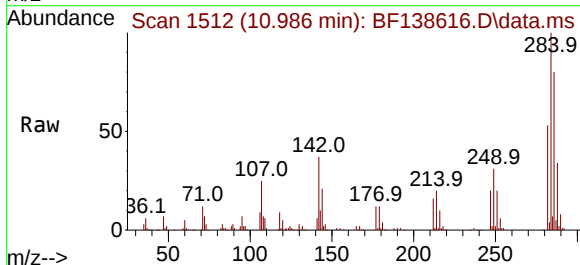
Tgt Ion:284 Resp: 165613

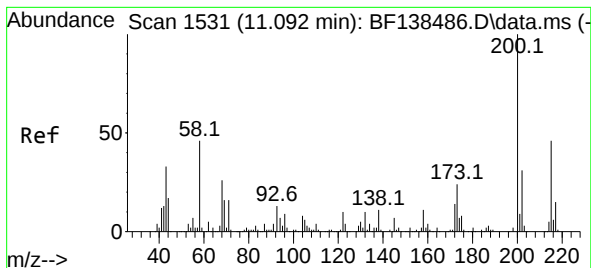
Ion Ratio Lower Upper

284 100

142 36.7 30.5 45.7

249 31.4 25.9 38.9





#69

Atrazine

Concen: 42.809 ng

RT: 11.080 min Scan# 1528

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

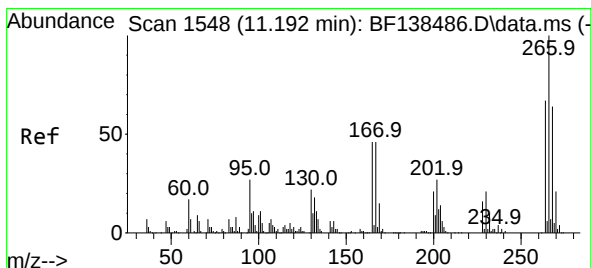
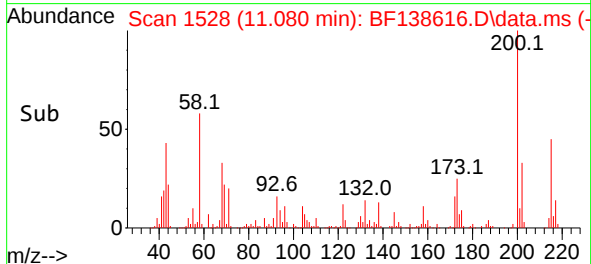
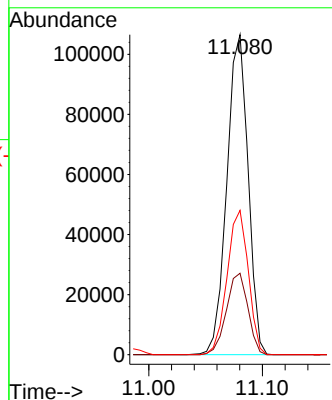
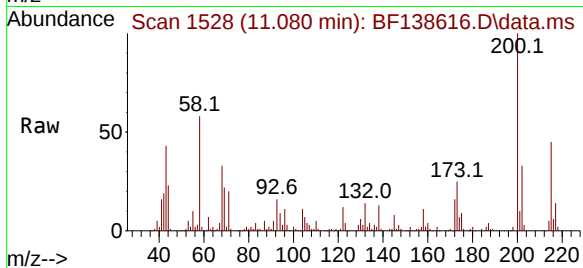
Tgt Ion:200 Resp: 138246

Ion Ratio Lower Upper

200 100

173 25.5 4.1 44.1

215 45.1 26.5 66.5



#70

Pentachlorophenol

Concen: 76.367 ng

RT: 11.186 min Scan# 1546

Delta R.T. -0.006 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

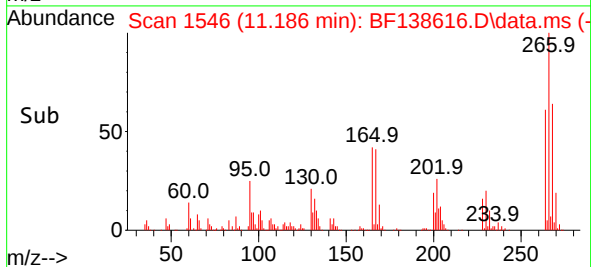
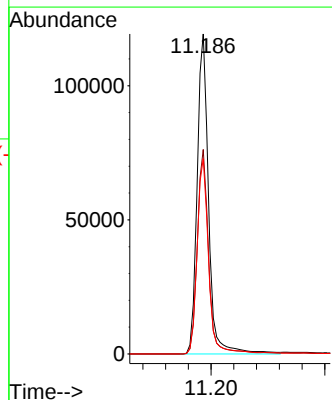
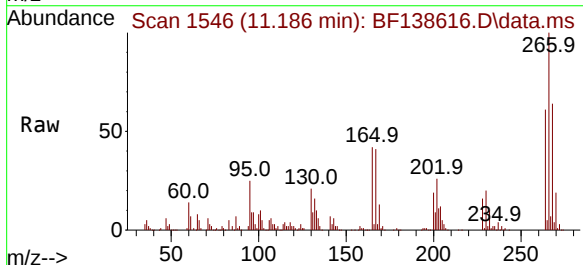
Tgt Ion:266 Resp: 167746

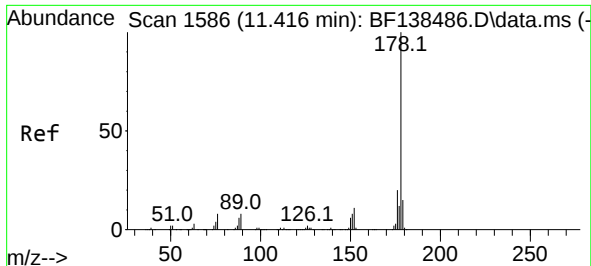
Ion Ratio Lower Upper

266 100

268 63.9 50.9 76.3

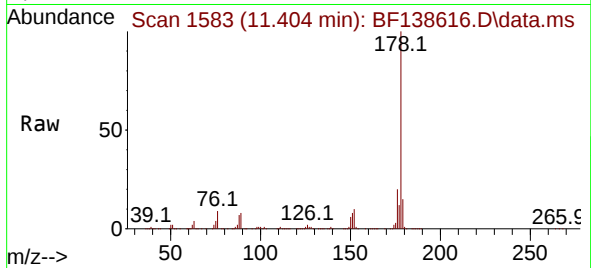
264 61.0 53.5 80.3



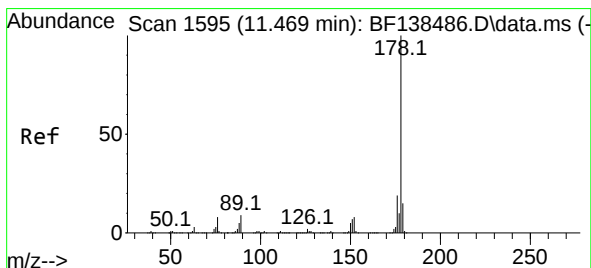
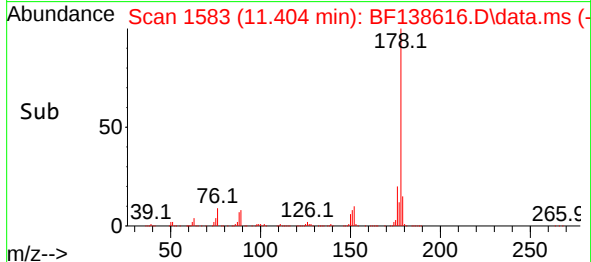
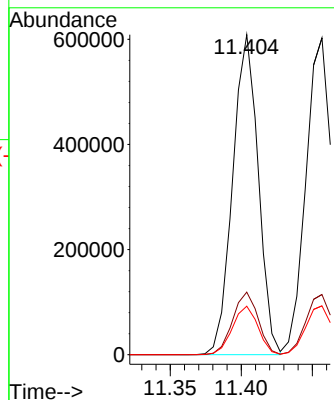


#71
Phenanthrene
Concen: 46.372 ng
RT: 11.404 min Scan# 1586
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Instrument :
BNA_F
ClientSampleId :

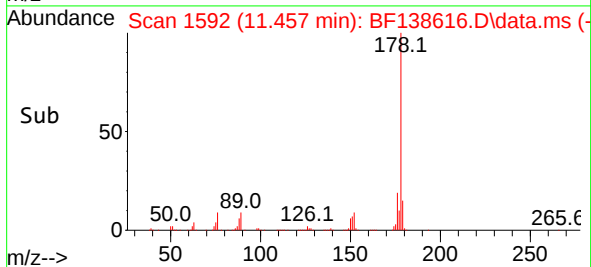
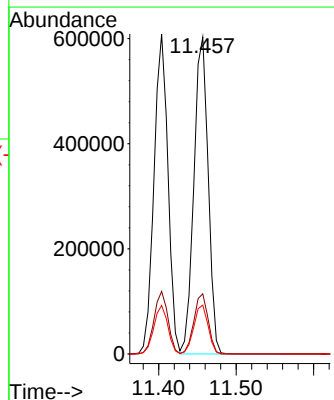
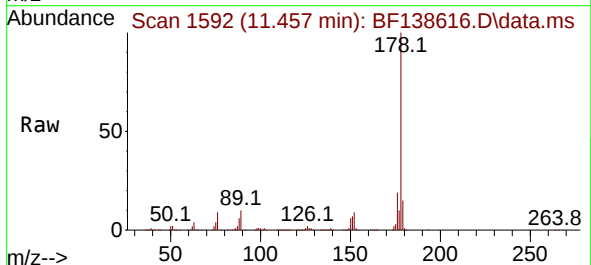


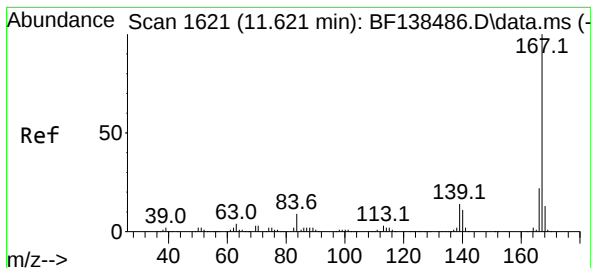
Tgt Ion:178 Resp: 761636
Ion Ratio Lower Upper
178 100
176 19.6 15.7 23.5
179 15.2 12.2 18.2



#72
Anthracene
Concen: 47.268 ng
RT: 11.457 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Tgt Ion:178 Resp: 770661
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.4 12.2 18.4





#73

Carbazole

Concen: 45.295 ng

RT: 11.610 min Scan# 1618

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

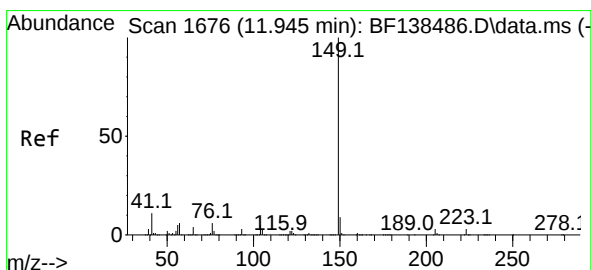
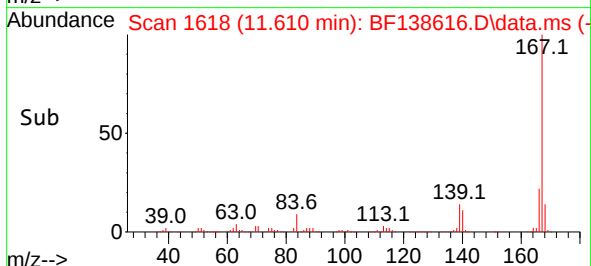
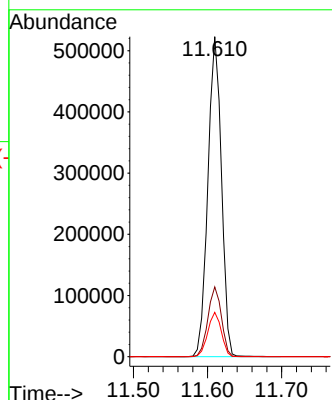
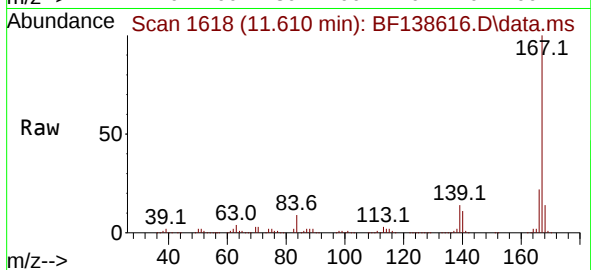
Tgt Ion:167 Resp: 663653

Ion Ratio Lower Upper

167 100

166 21.8 17.8 26.6

139 13.9 11.0 16.4



#74

Di-n-butylphthalate

Concen: 46.331 ng

RT: 11.933 min Scan# 1673

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

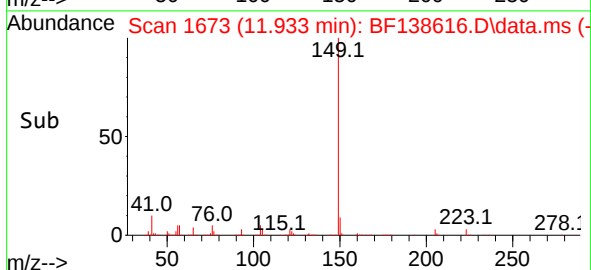
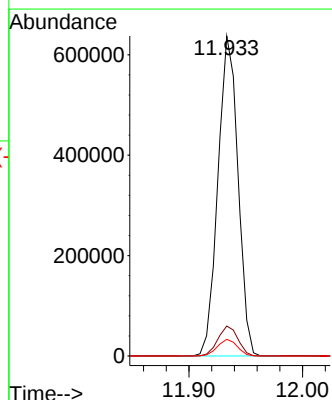
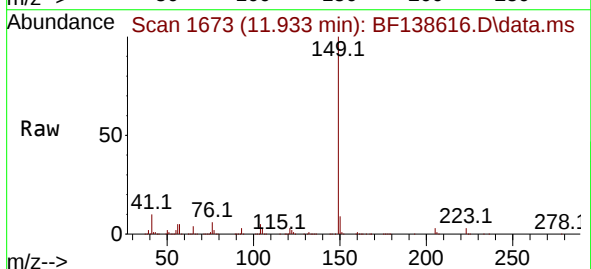
Tgt Ion:149 Resp: 782487

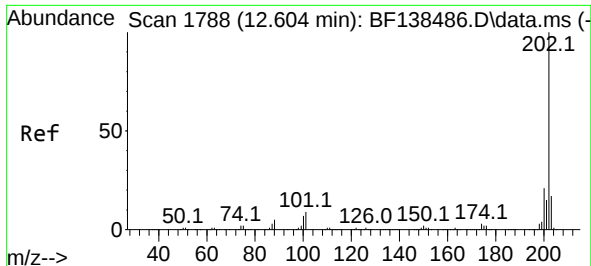
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.0

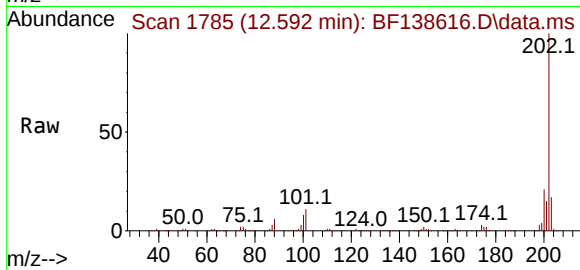
104 5.2 4.4 6.6



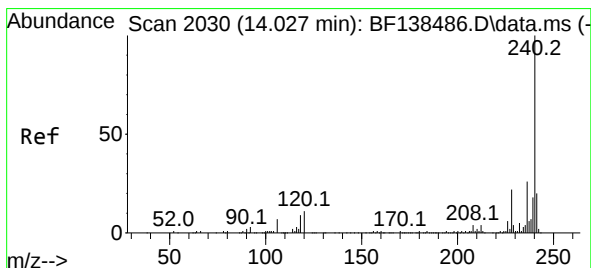
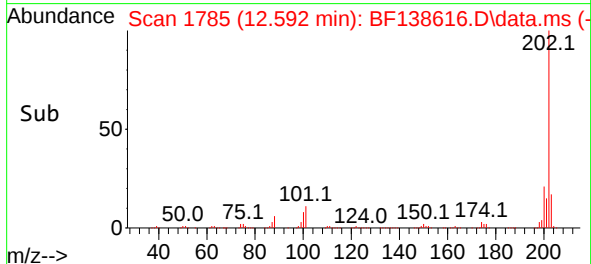
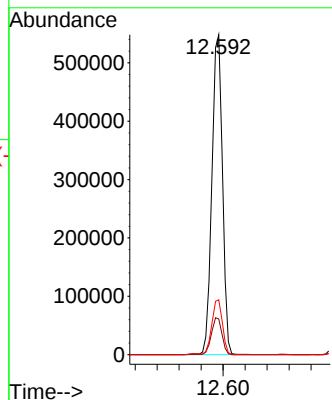


#75
Fluoranthene
Concen: 43.612 ng
RT: 12.592 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Instrument :
BNA_F
ClientSampleId :

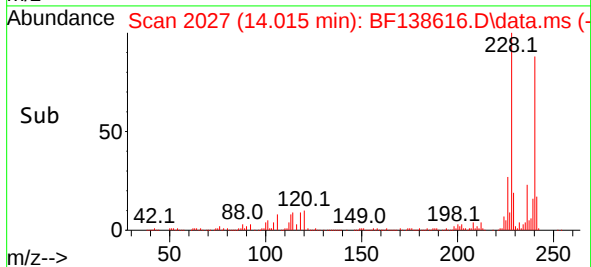
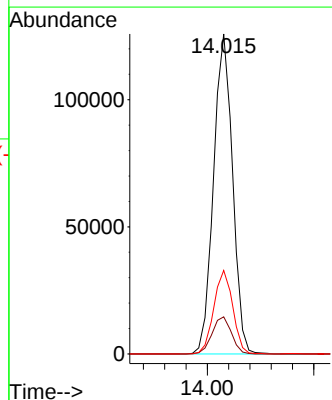
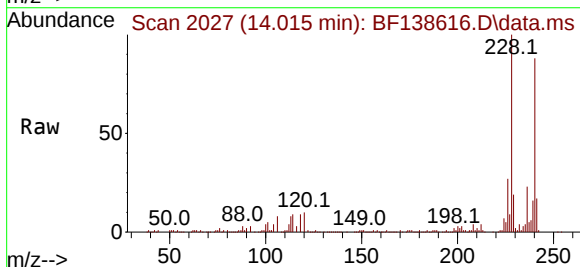


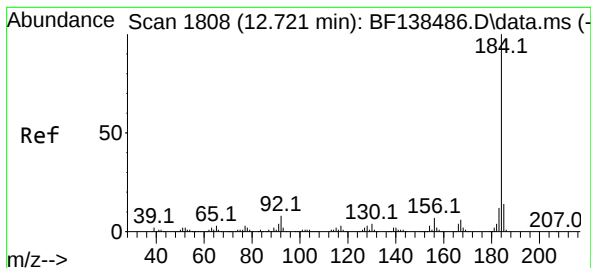
Tgt Ion:202 Resp: 730913
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.2
203 17.2 0.0 37.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.015 min Scan# 2027
Delta R.T. -0.012 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Tgt Ion:240 Resp: 155517
Ion Ratio Lower Upper
240 100
120 11.6 8.6 12.8
236 26.1 21.0 31.6





#77

Benzidine

Concen: 32.362 ng

RT: 12.710 min Scan# 1805

Delta R.T. -0.011 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

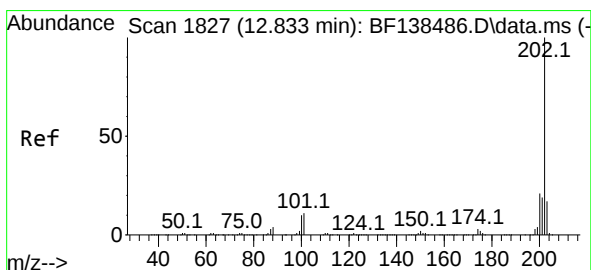
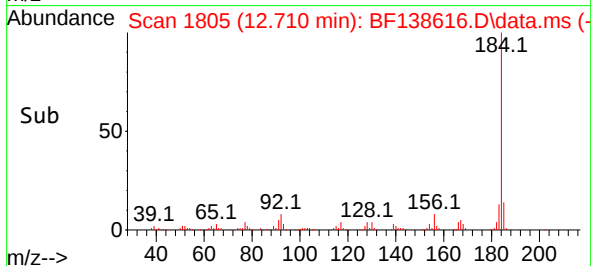
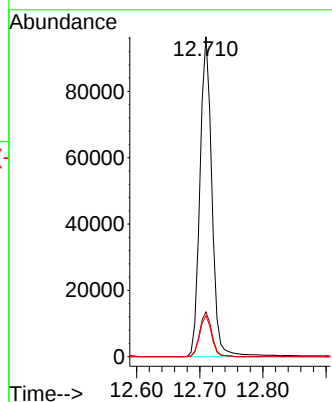
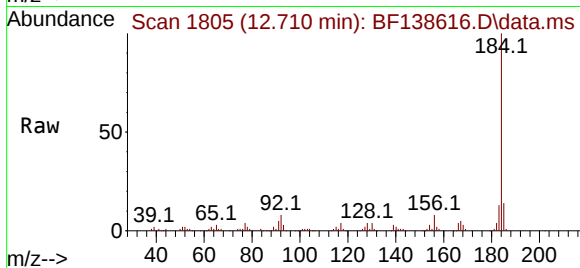
Tgt Ion:184 Resp: 126978

Ion Ratio Lower Upper

184 100

185 14.0 11.3 16.9

183 12.8 9.5 14.3



#78

Pyrene

Concen: 46.194 ng

RT: 12.816 min Scan# 1823

Delta R.T. -0.018 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

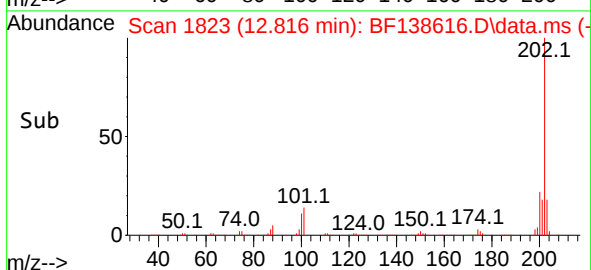
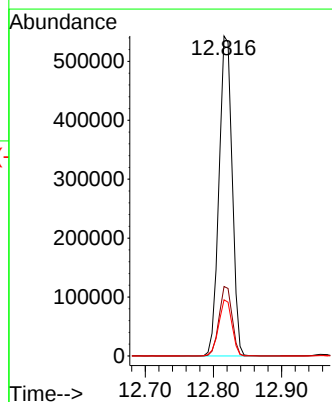
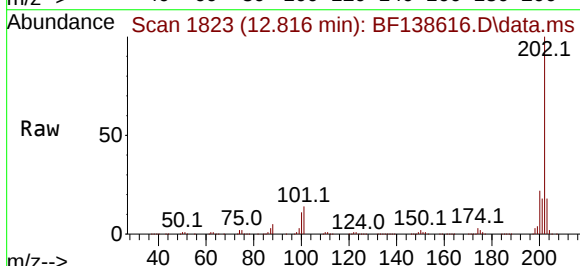
Tgt Ion:202 Resp: 729263

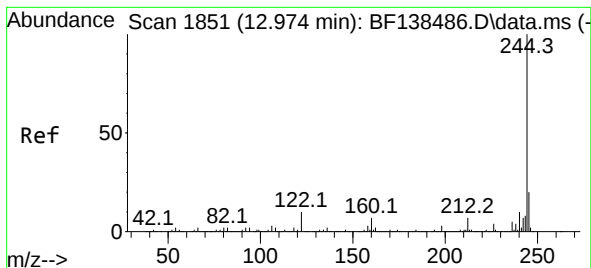
Ion Ratio Lower Upper

202 100

200 21.7 17.0 25.6

203 17.6 13.7 20.5





#79

Terphenyl-d14

Concen: 102.471 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

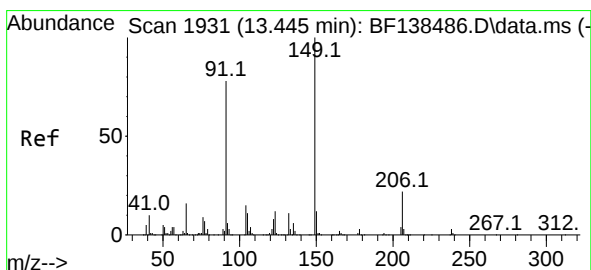
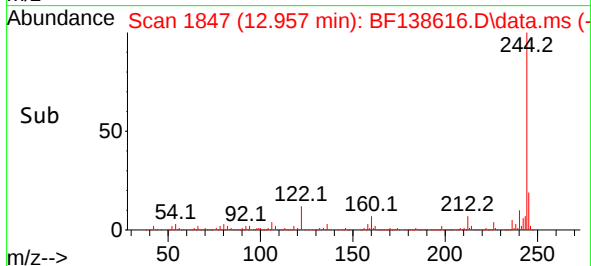
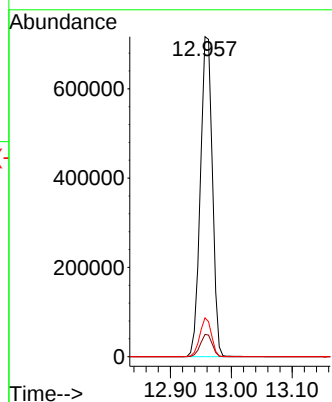
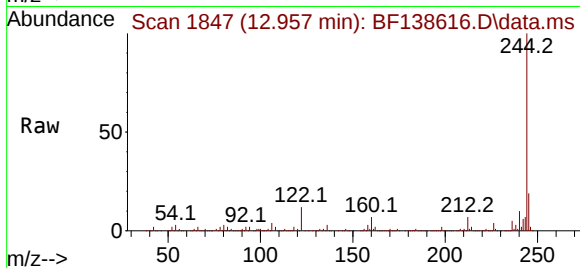
Tgt Ion:244 Resp: 978200

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

122 12.2 7.8 11.8#



#80

Butylbenzylphthalate

Concen: 54.187 ng

RT: 13.433 min Scan# 1928

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

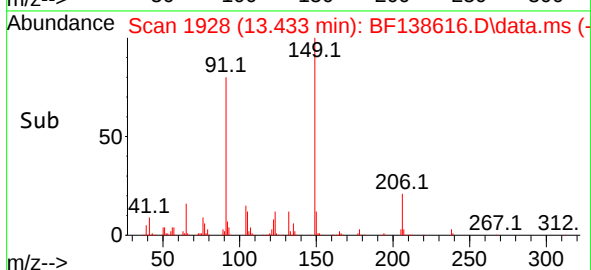
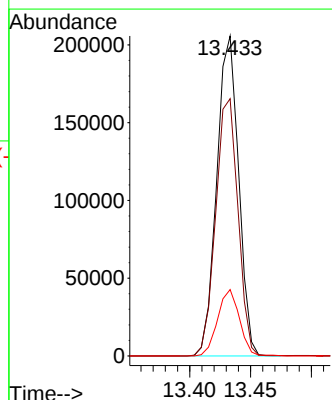
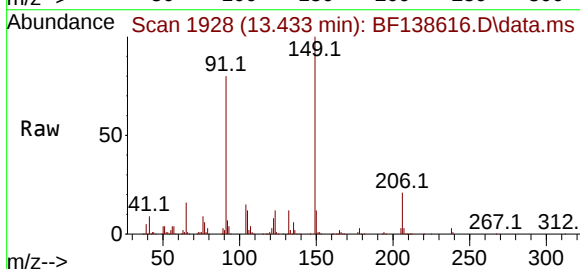
Tgt Ion:149 Resp: 257337

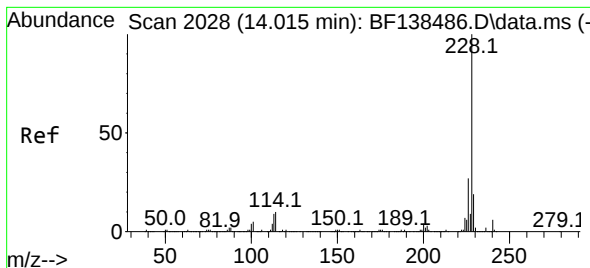
Ion Ratio Lower Upper

149 100

91 80.4 62.1 93.1

206 20.7 18.0 27.0





#81

Benzo(a)anthracene

Concen: 47.852 ng

RT: 14.004 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

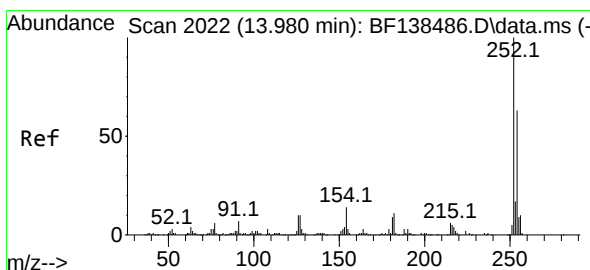
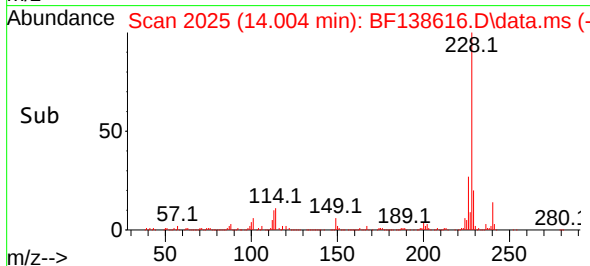
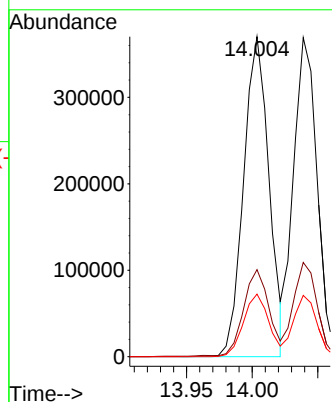
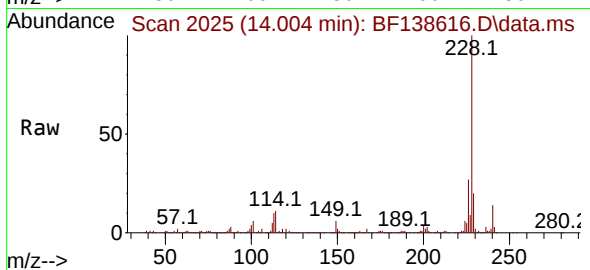
Tgt Ion:228 Resp: 499344

Ion Ratio Lower Upper

228 100

226 27.2 21.9 32.9

229 19.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 32.385 ng

RT: 13.962 min Scan# 2018

Delta R.T. -0.018 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

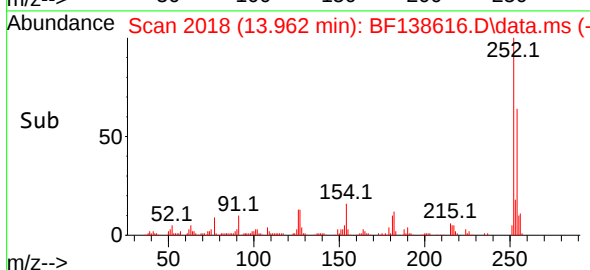
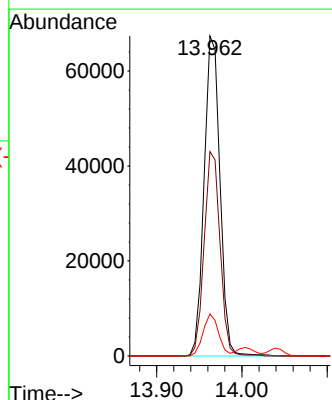
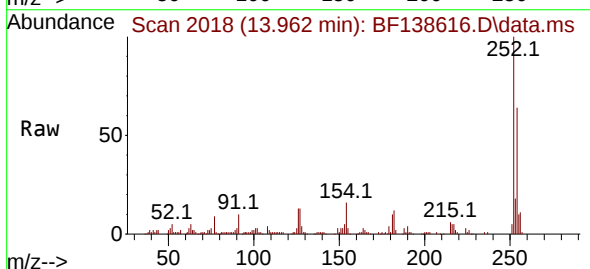
Tgt Ion:252 Resp: 87079

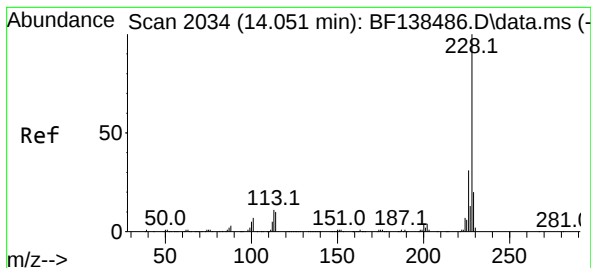
Ion Ratio Lower Upper

252 100

254 63.8 50.3 75.5

126 13.1 8.1 12.1#





#83

Chrysene

Concen: 46.672 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

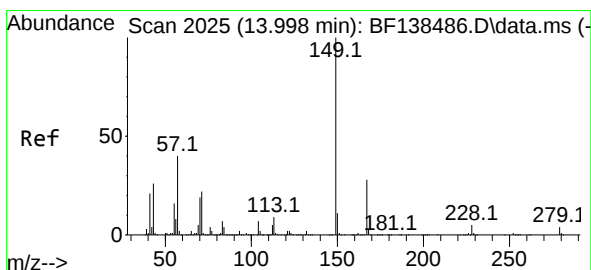
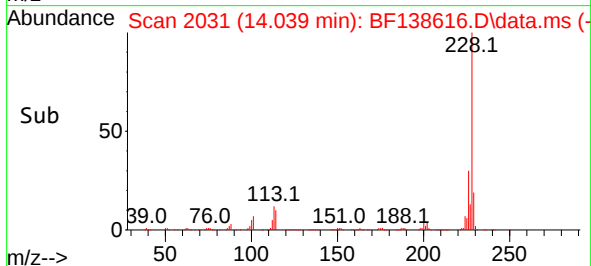
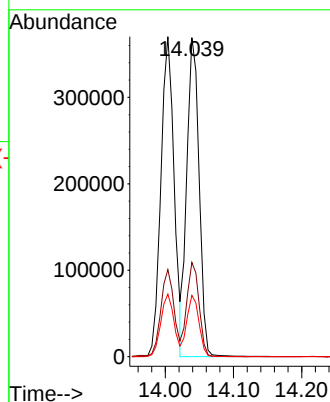
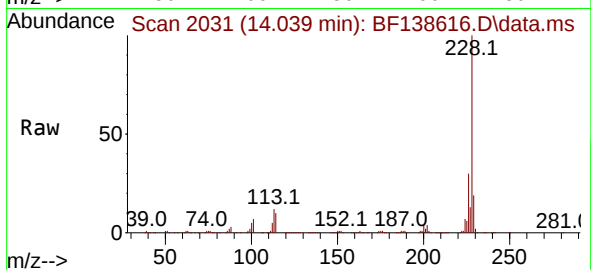
Tgt Ion:228 Resp: 460739

Ion Ratio Lower Upper

228 100

226 29.5 24.4 36.6

229 19.2 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.974 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

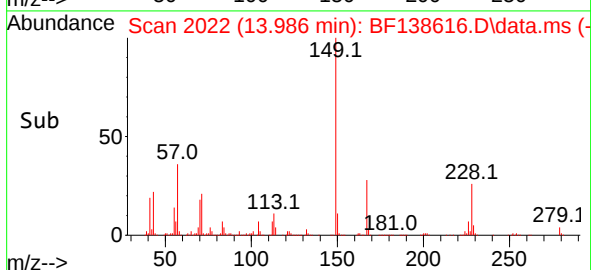
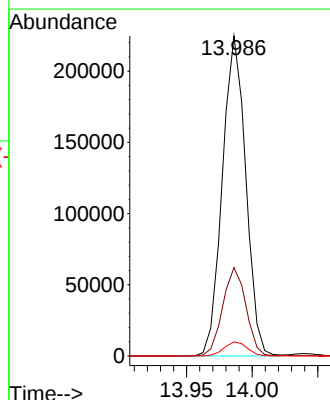
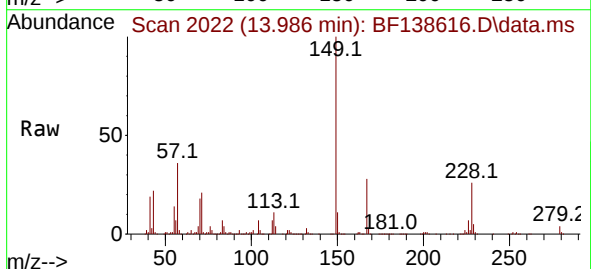
Tgt Ion:149 Resp: 278441

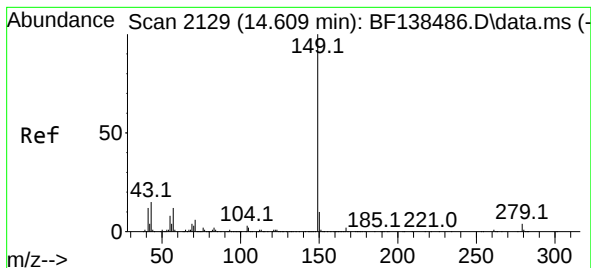
Ion Ratio Lower Upper

149 100

167 27.6 22.5 33.7

279 4.4 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 47.232 ng

RT: 14.598 min Scan# 2126

Delta R.T. -0.011 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

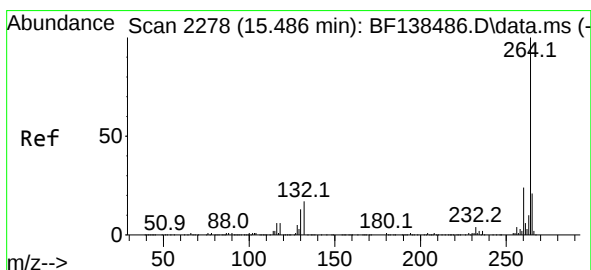
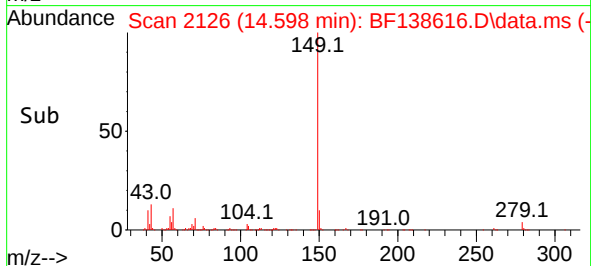
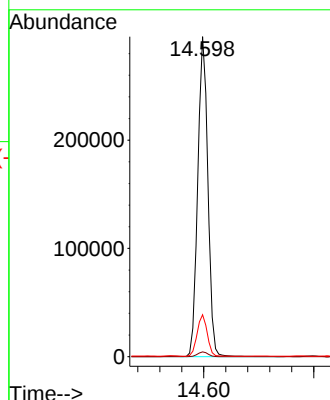
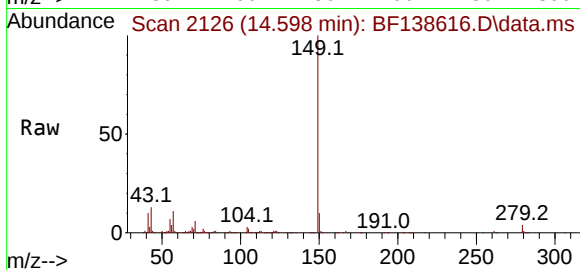
Tgt Ion:149 Resp: 377921

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.9 10.7 16.1



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.474 min Scan# 2275

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

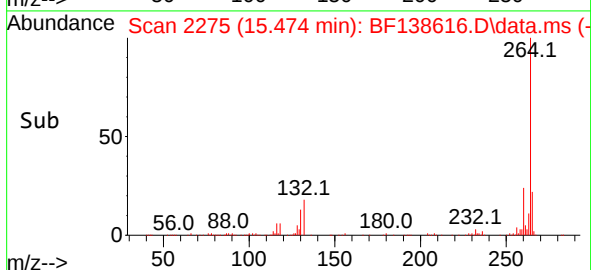
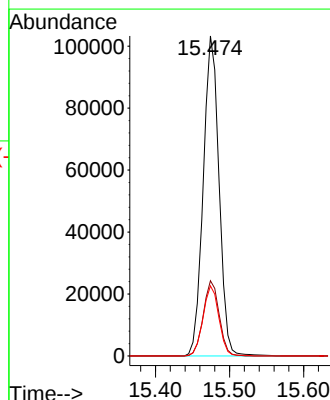
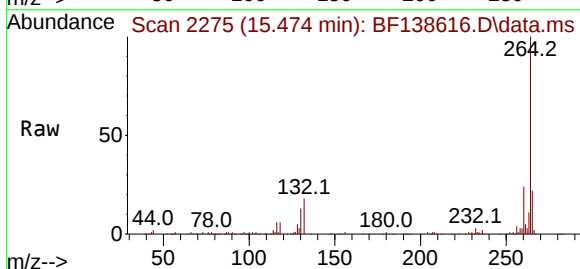
Tgt Ion:264 Resp: 153294

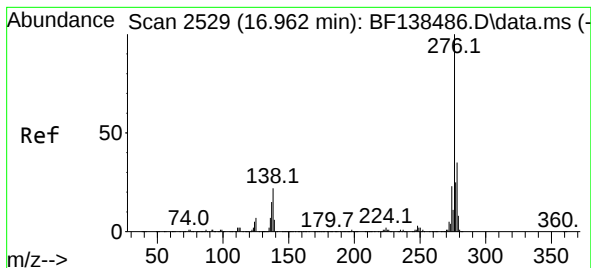
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 21.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.045 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

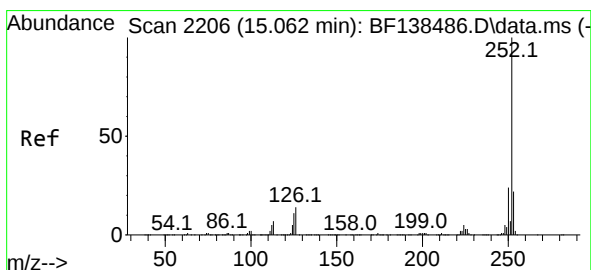
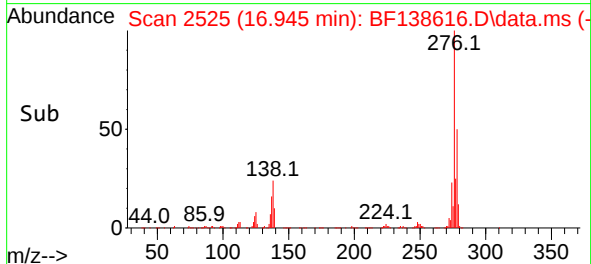
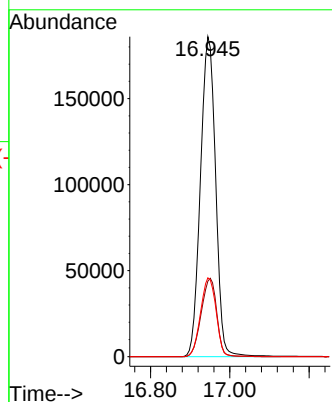
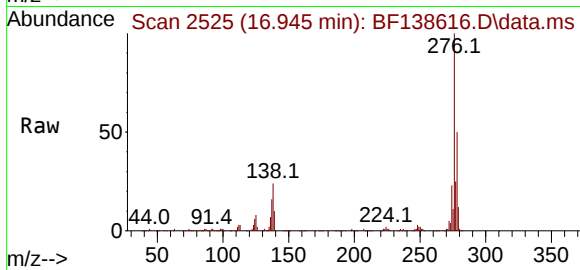
Tgt Ion:276 Resp: 494713

Ion Ratio Lower Upper

276 100

138 25.0 19.6 29.4

277 25.2 20.5 30.7



#88

Benzo(b)fluoranthene

Concen: 45.695 ng

RT: 15.051 min Scan# 2203

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

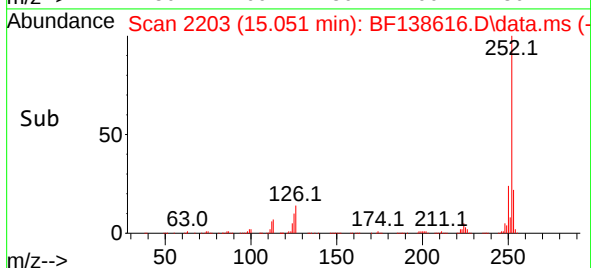
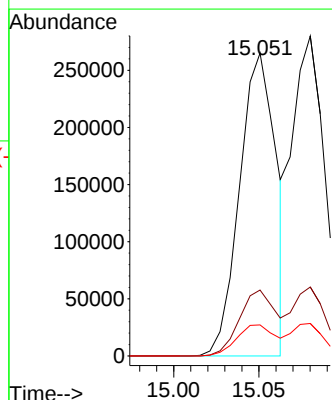
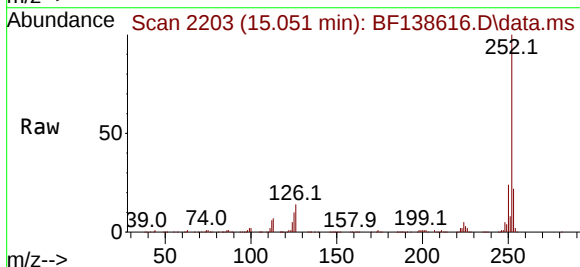
Tgt Ion:252 Resp: 394486

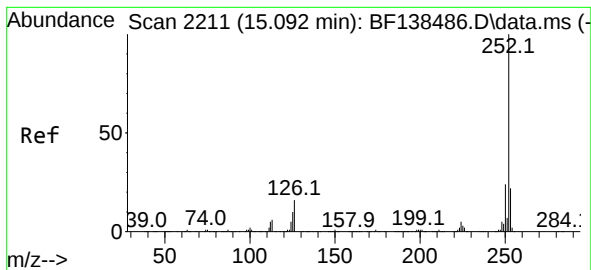
Ion Ratio Lower Upper

252 100

253 21.7 17.3 25.9

125 10.2 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 44.786 ng

RT: 15.080 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

Instrument :

BNA_F

ClientSampleId :

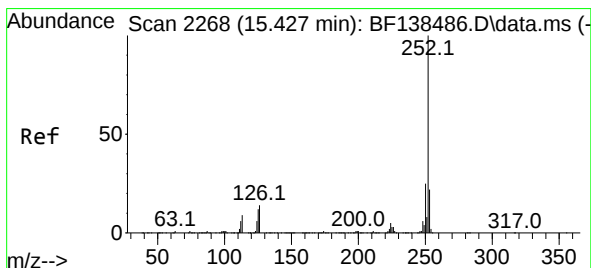
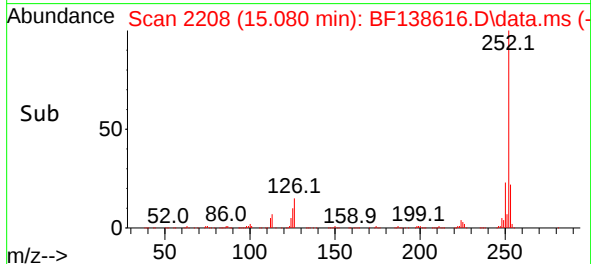
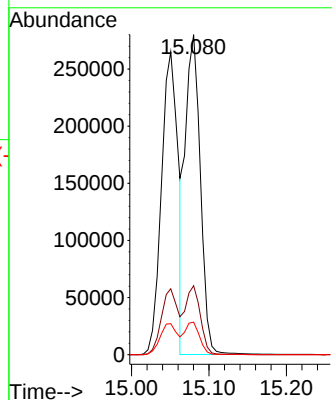
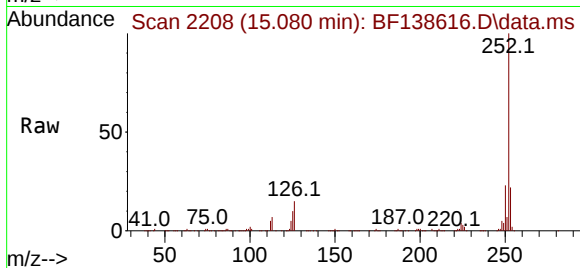
Tgt Ion:252 Resp: 377090

Ion Ratio Lower Upper

252 100

253 21.6 17.7 26.5

125 10.2 8.1 12.1



#90

Benzo(a)pyrene

Concen: 48.805 ng

RT: 15.415 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF138616.D

Acq: 23 Jul 2024 13:55

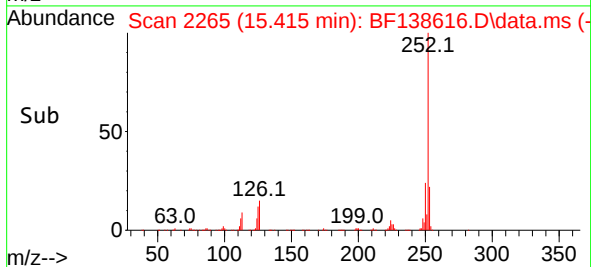
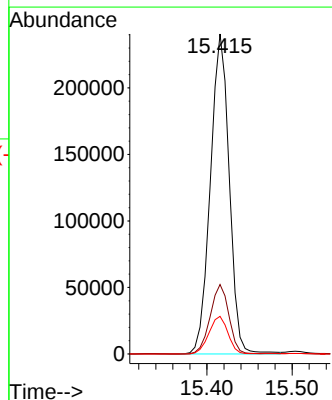
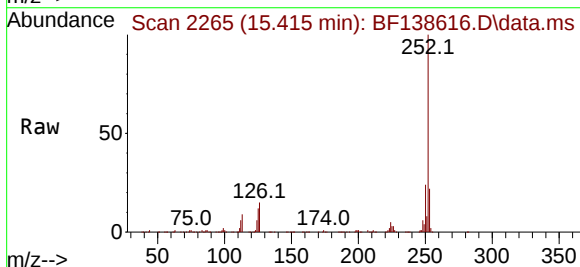
Tgt Ion:252 Resp: 370129

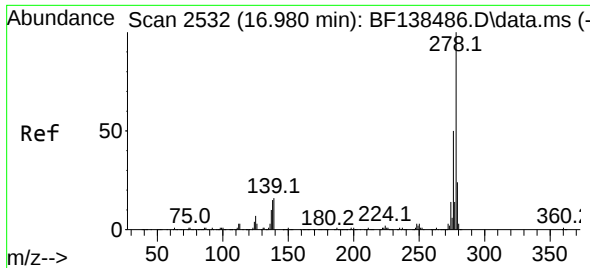
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

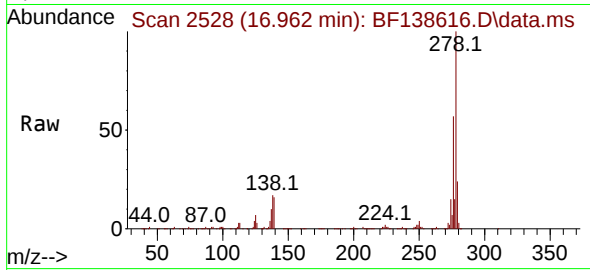
125 11.7 9.4 14.2



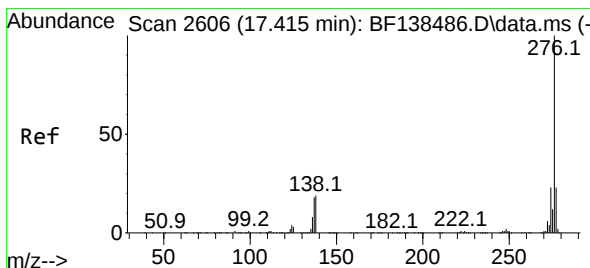
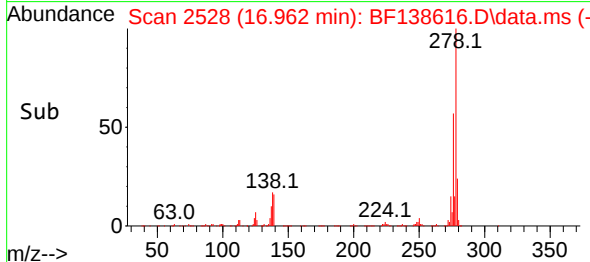
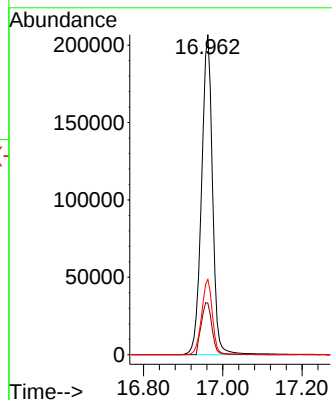


#91
Dibenzo(a,h)anthracene
Concen: 47.216 ng
RT: 16.962 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Instrument :
BNA_F
ClientSampleId :



Tgt Ion:278 Resp: 397694
Ion Ratio Lower Upper
278 100
139 16.1 12.8 19.2
279 23.5 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 43.304 ng
RT: 17.392 min Scan# 2601
Delta R.T. -0.023 min
Lab File: BF138616.D
Acq: 23 Jul 2024 13:55

Tgt Ion:276 Resp: 386768
Ion Ratio Lower Upper
276 100
277 22.6 18.0 27.0
138 21.4 15.5 23.3

