

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082924\
 Data File : BF139218.D
 Acq On : 29 Aug 2024 12:46
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Aug 29 15:33:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 29 15:21:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	98804	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	366473	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	212563	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	375013	20.000	ng	0.00
76) Chrysene-d12	14.045	240	201642	20.000	ng	0.00
86) Perylene-d12	15.515	264	166291	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	261273	42.390	ng	0.00
7) Phenol-d6	6.510	99	342698	41.914	ng	0.00
23) Nitrobenzene-d5	7.445	82	319643	41.928	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	88341	41.432	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	577246	42.284	ng	0.00
79) Terphenyl-d14	12.992	244	588607	42.077	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	55418	20.558	ng	99
3) Pyridine	3.422	79	145242	21.180	ng	99
4) n-Nitrosodimethylamine	3.369	42	77477	20.904	ng	100
6) Aniline	6.545	93	157913	20.968	ng	99
8) 2-Chlorophenol	6.669	128	131324	21.204	ng	99
9) Benzaldehyde	6.440	77	116845	22.410	ng	99
10) Phenol	6.522	94	180361	21.097	ng	98
11) bis(2-Chloroethyl)ether	6.622	93	134162	21.276	ng	100
12) 1,3-Dichlorobenzene	6.828	146	153925	20.995	ng	98
13) 1,4-Dichlorobenzene	6.904	146	157265	21.230	ng	98
14) 1,2-Dichlorobenzene	7.057	146	146685	21.155	ng	99
15) Benzyl Alcohol	7.022	79	134569	21.134	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	191117	21.338	ng	99
17) 2-Methylphenol	7.134	107	110306	21.092	ng	98
18) Hexachloroethane	7.398	117	54571	21.271	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	106625	20.958	ng	99
20) 3+4-Methylphenols	7.287	107	145220	21.426	ng	97
22) Acetophenone	7.292	105	194537	20.866	ng	98
24) Nitrobenzene	7.469	77	165108	20.709	ng	99
25) Isophorone	7.704	82	274862	20.803	ng	100
26) 2-Nitrophenol	7.781	139	58935	20.650	ng	98
27) 2,4-Dimethylphenol	7.816	122	87787	20.965	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	160008	20.799	ng	99
29) 2,4-Dichlorophenol	8.022	162	113062	20.990	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	129769	20.994	ng	99
31) Naphthalene	8.192	128	393100	20.919	ng	99
32) Benzoic acid	7.904	122	71154	19.129	ng	97
33) 4-Chloroaniline	8.239	127	134426	20.869	ng	99
34) Hexachlorobutadiene	8.310	225	86005	21.107	ng	98
35) Caprolactam	8.586	113	33631	20.958	ng	99
36) 4-Chloro-3-methylphenol	8.710	107	124207	21.005	ng	99
37) 2-Methylnaphthalene	8.881	142	249083	21.039	ng	99
38) 1-Methylnaphthalene	8.981	142	243870	20.885	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	130626	20.677	ng	99
41) Hexachlorocyclopentadiene	9.034	237	44843	20.266	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	85032	21.161	ng	100

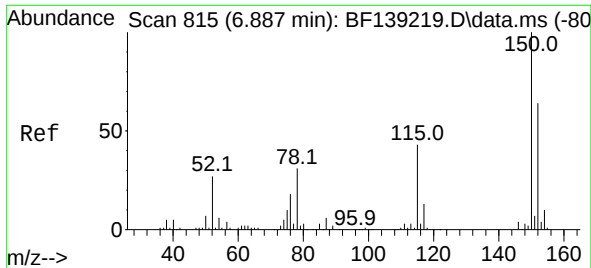
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	88975	20.575	ng	99
46) 1,1'-Biphenyl	9.345	154	319873	20.997	ng	98
47) 2-Chloronaphthalene	9.369	162	254358	21.033	ng	99
48) 2-Nitroaniline	9.463	65	76662	20.587	ng	99
49) Acenaphthylene	9.786	152	359002	20.885	ng	99
50) Dimethylphthalate	9.645	163	279262	20.981	ng	100
51) 2,6-Dinitrotoluene	9.704	165	59830	20.799	ng	96
52) Acenaphthene	9.957	154	236057	20.568	ng	98
53) 3-Nitroaniline	9.875	138	58919	20.793	ng	97
54) 2,4-Dinitrophenol	9.975	184	21425	19.788	ng	# 63
55) Dibenzofuran	10.128	168	353023	21.355	ng	99
56) 4-Nitrophenol	10.022	139	45065	20.799	ng	99
57) 2,4-Dinitrotoluene	10.104	165	76593	21.136	ng	99
58) Fluorene	10.469	166	275852	21.086	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	71781	20.932	ng	99
60) Diethylphthalate	10.345	149	267698	21.043	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	136419	20.783	ng	99
62) 4-Nitroaniline	10.480	138	59767	21.480	ng	98
63) Azobenzene	10.622	77	292555	20.865	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	32653	17.626	ng	97
66) n-Nitrosodiphenylamine	10.580	169	228625	20.526	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	83667	20.528	ng	97
68) Hexachlorobenzene	11.016	284	93925	21.070	ng	99
69) Atrazine	11.104	200	61286	22.122	ng	99
70) Pentachlorophenol	11.210	266	58221	20.641	ng	100
71) Phenanthrene	11.433	178	392685	20.819	ng	99
72) Anthracene	11.486	178	386873	21.012	ng	100
73) Carbazole	11.639	167	343253	21.130	ng	100
74) Di-n-butylphthalate	11.975	149	370758	21.347	ng	100
75) Fluoranthene	12.622	202	400347	21.559	ng	100
77) Benzidine	12.745	184	82481	20.698	ng	99
78) Pyrene	12.851	202	402220	20.758	ng	99
80) Butylbenzylphthalate	13.469	149	93311	20.664	ng	97
81) Benzo(a)anthracene	14.033	228	272343	20.622	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	68610	19.786	ng	99
83) Chrysene	14.068	228	257770	20.970	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	94051	19.360	ng	100
85) Di-n-octyl phthalate	14.645	149	166748	17.604	ng	100
87) Indeno(1,2,3-cd)pyrene	16.992	276	241462	20.594	ng	99
88) Benzo(b)fluoranthene	15.086	252	196706	19.750	ng	99
89) Benzo(k)fluoranthene	15.115	252	187886	21.633	ng	99
90) Benzo(a)pyrene	15.451	252	171046	20.367	ng	100
91) Dibenzo(a,h)anthracene	17.015	278	203017	20.807	ng	99
92) Benzo(g,h,i)perylene	17.439	276	203708	20.715	ng	99

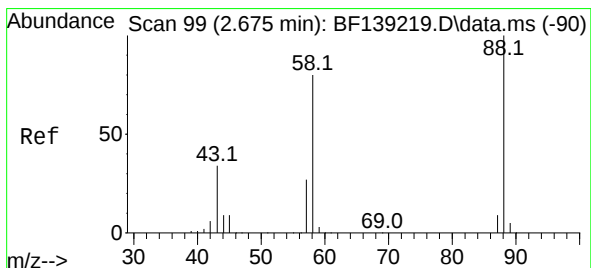
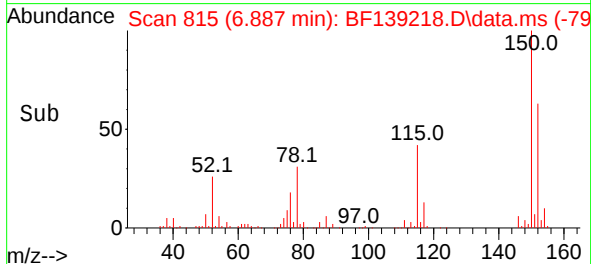
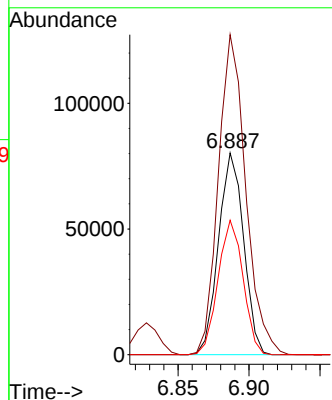
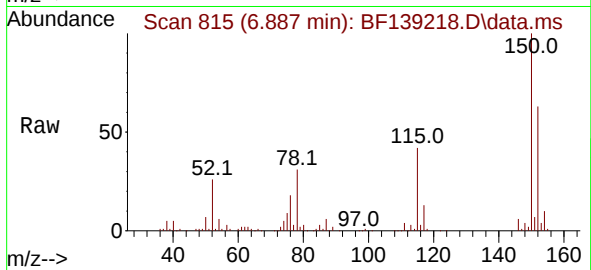
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.887 min Scan# 815
 Delta R.T. -0.000 min
 Lab File: BF139218.D
 Acq: 29 Aug 2024 12:46

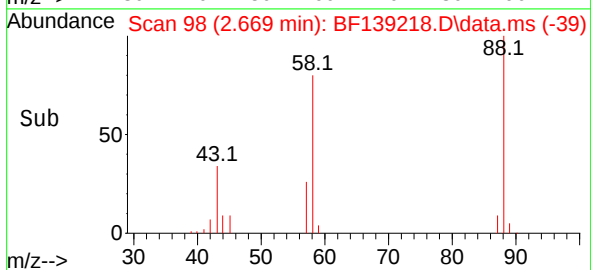
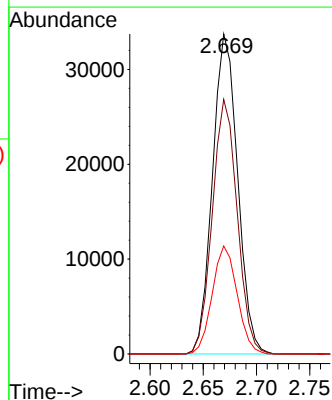
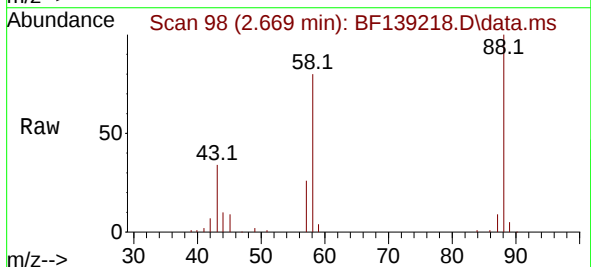
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

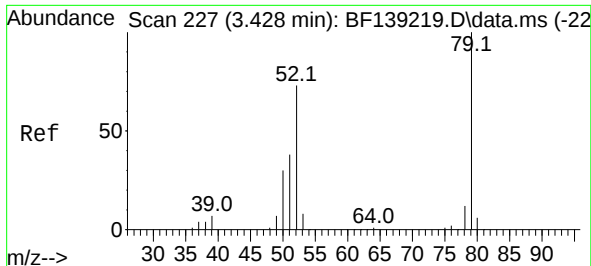
Tgt Ion:152 Resp: 98804
 Ion Ratio Lower Upper
 152 100
 150 158.6 125.6 188.4
 115 66.6 54.2 81.4



#2
 1,4-Dioxane
 Concen: 20.558 ng
 RT: 2.669 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BF139218.D
 Acq: 29 Aug 2024 12:46

Tgt Ion: 88 Resp: 55418
 Ion Ratio Lower Upper
 88 100
 58 78.7 63.3 94.9
 43 33.4 27.1 40.7





#3

Pyridine

Concen: 21.180 ng

RT: 3.422 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

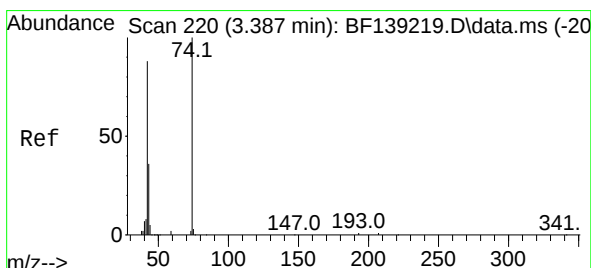
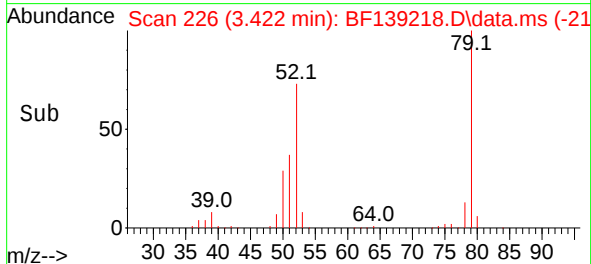
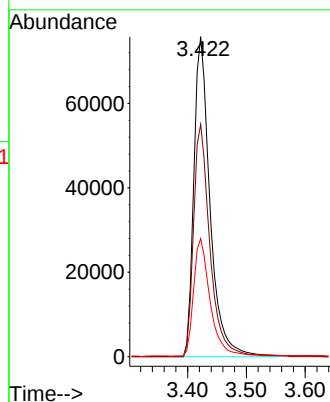
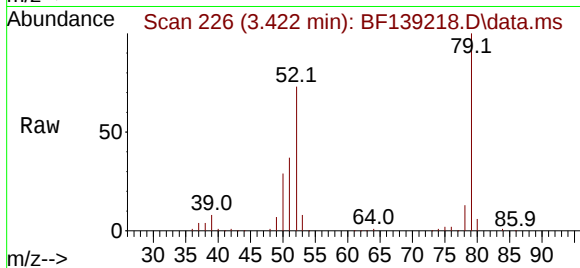
Tgt Ion: 79 Resp: 145242

Ion Ratio Lower Upper

79 100

52 72.6 58.6 87.8

51 36.9 30.6 46.0



#4

n-Nitrosodimethylamine

Concen: 20.904 ng

RT: 3.369 min Scan# 217

Delta R.T. -0.018 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

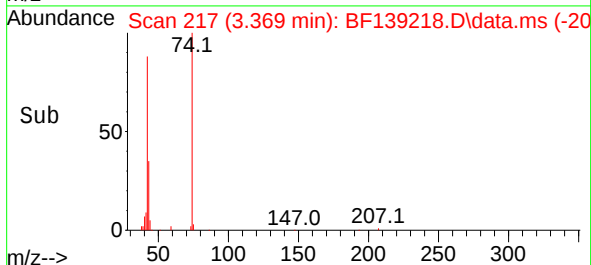
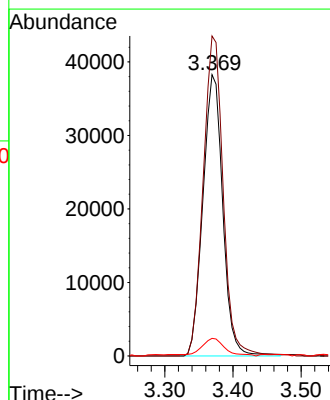
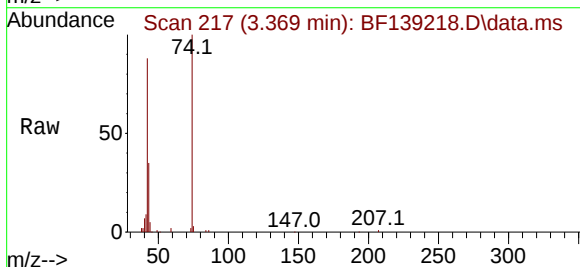
Tgt Ion: 42 Resp: 77477

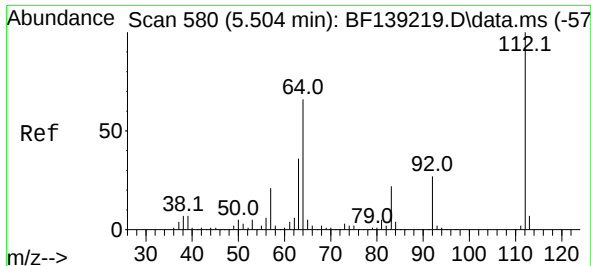
Ion Ratio Lower Upper

42 100

74 113.8 91.4 137.0

44 6.3 4.8 7.2





#5
2-Fluorophenol
Concen: 42.390 ng
RT: 5.498 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

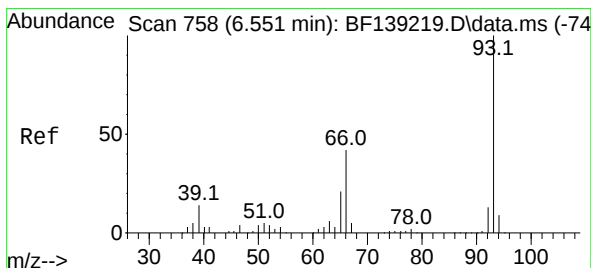
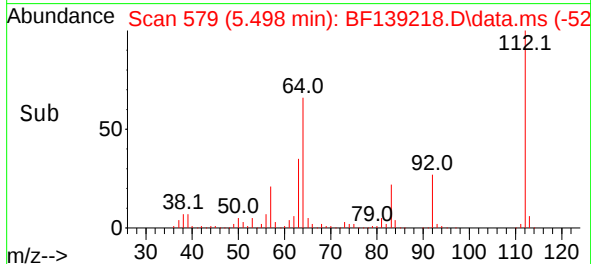
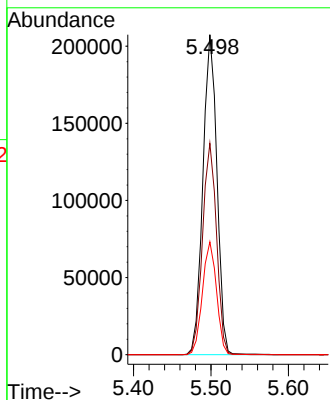
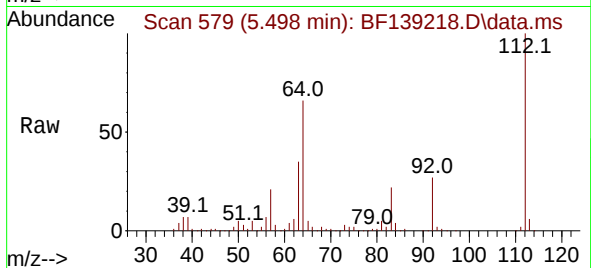
Instrument :

BNA_F

ClientSampleId :

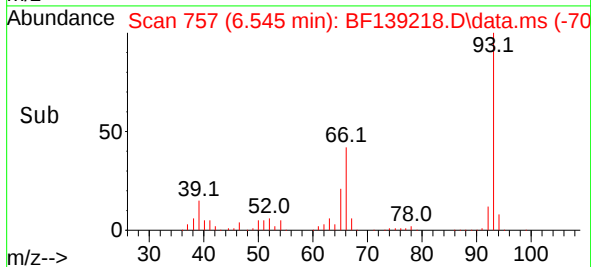
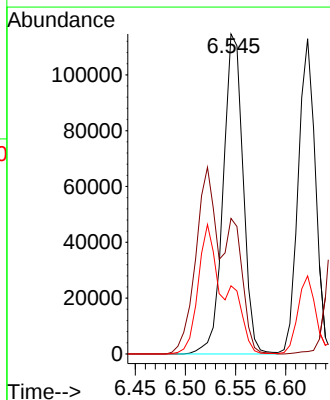
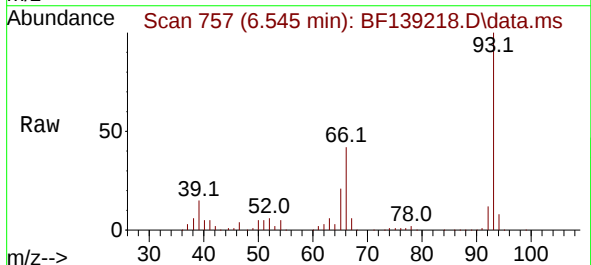
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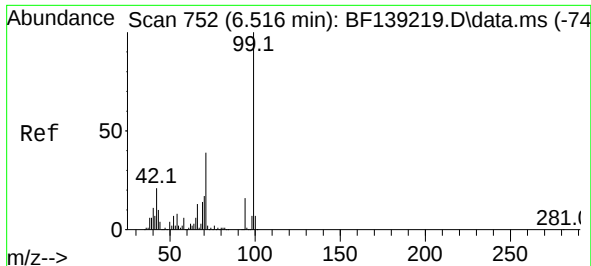
Tgt Ion:112 Resp: 261273
Ion Ratio Lower Upper
112 100
64 66.0 52.5 78.7
63 35.3 28.5 42.7



#6
Aniline
Concen: 20.968 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Tgt Ion: 93 Resp: 157913
Ion Ratio Lower Upper
93 100
66 42.3 34.2 51.4
65 21.3 17.1 25.7

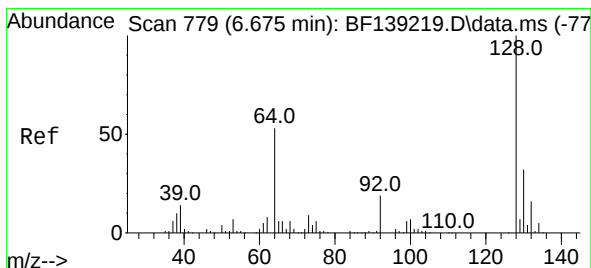
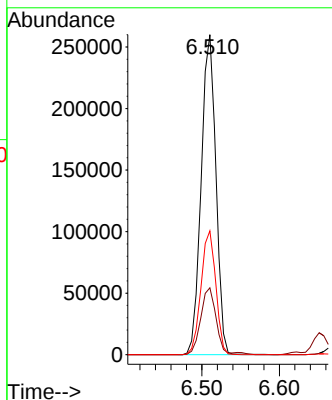
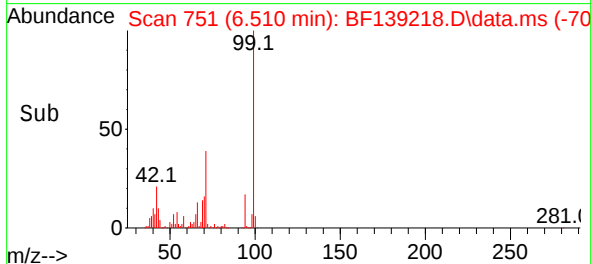
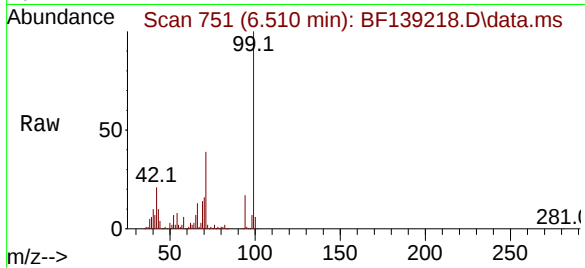




#7
Phenol-d6
Concen: 41.914 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

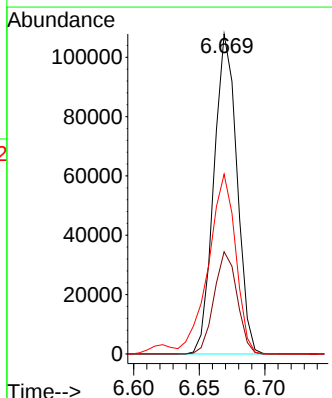
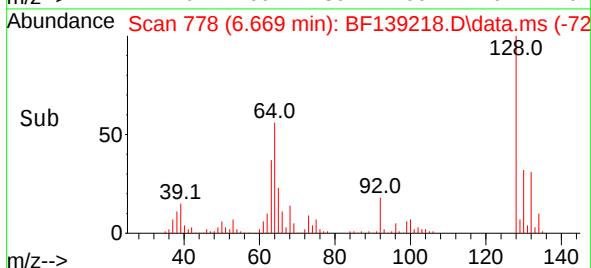
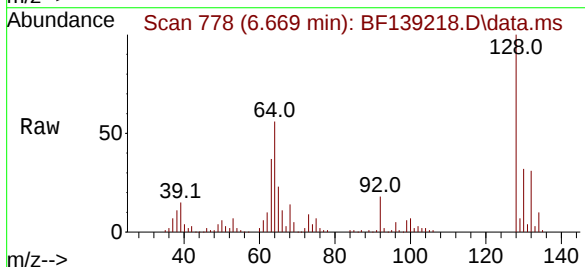
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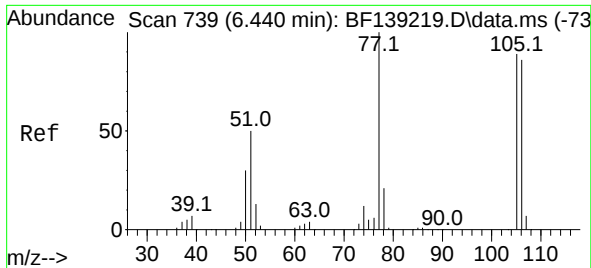
Tgt Ion: 99 Resp: 342698
Ion Ratio Lower Upper
99 100
42 20.9 16.8 25.2
71 38.7 31.3 46.9



#8
2-Chlorophenol
Concen: 21.204 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Tgt Ion: 128 Resp: 131324
Ion Ratio Lower Upper
128 100
130 31.9 12.0 52.0
64 56.2 35.5 75.5





#9

Benzaldehyde

Concen: 22.410 ng

RT: 6.440 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

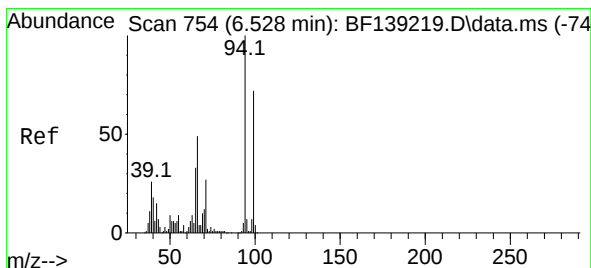
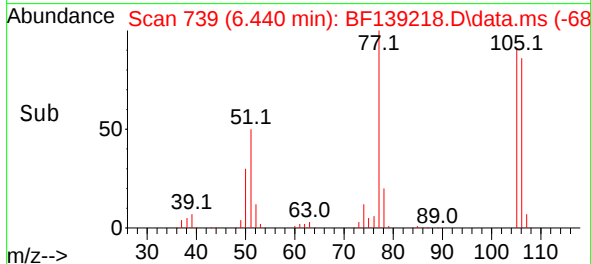
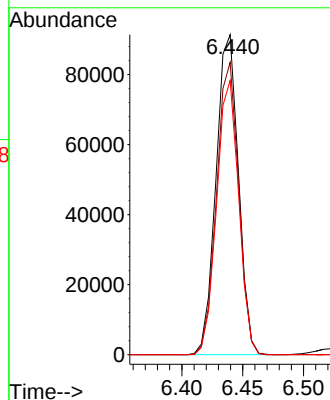
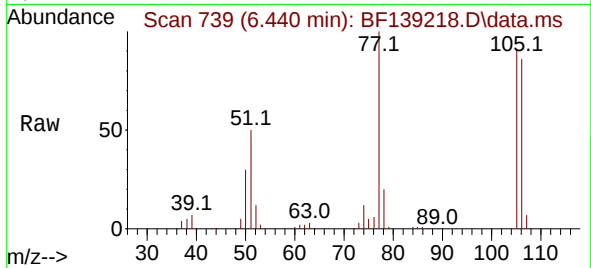
Tgt Ion: 77 Resp: 116845

Ion Ratio Lower Upper

77 100

105 91.4 69.3 109.3

106 85.7 65.8 105.8



#10

Phenol

Concen: 21.097 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

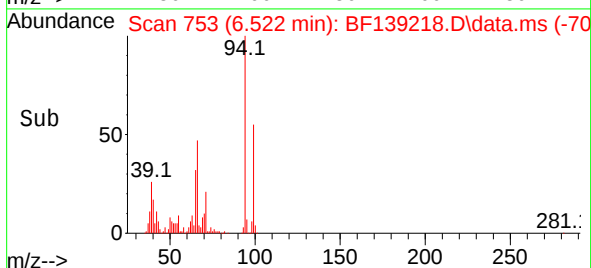
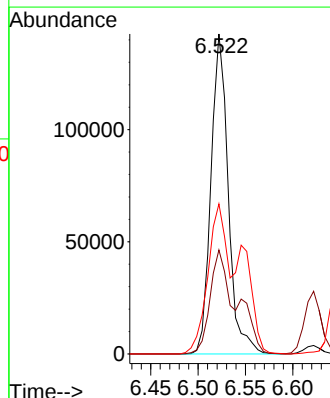
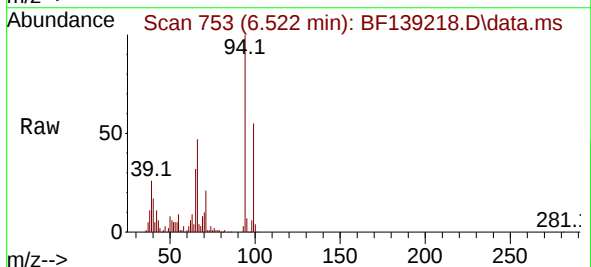
Tgt Ion: 94 Resp: 180361

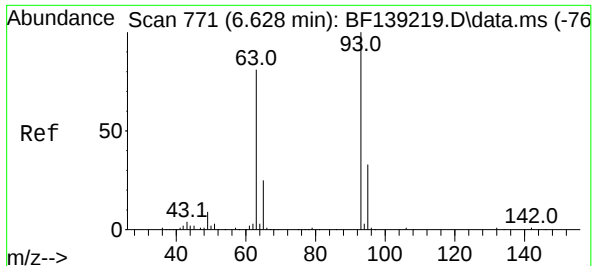
Ion Ratio Lower Upper

94 100

65 32.5 12.8 52.8

66 46.9 29.3 69.3





#11

bis(2-Chloroethyl)ether

Concen: 21.276 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

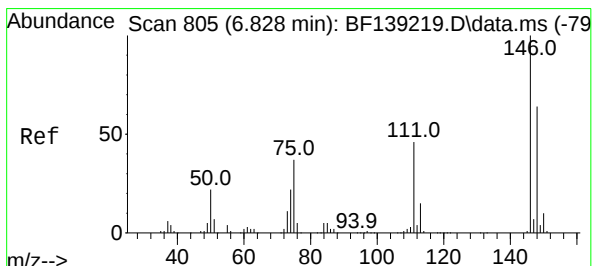
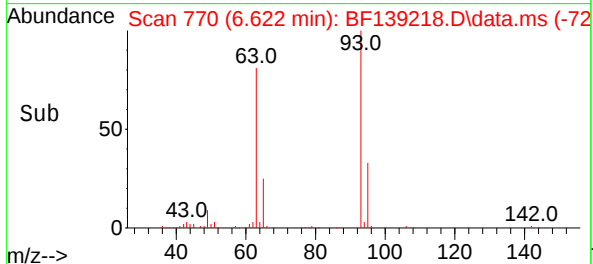
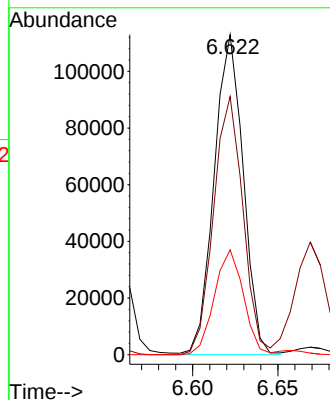
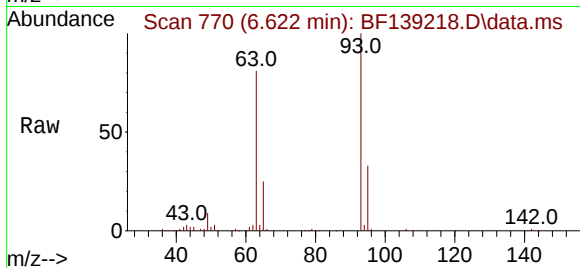
Tgt Ion: 93 Resp: 134162

Ion Ratio Lower Upper

93 100

63 80.6 60.8 100.8

95 32.7 12.7 52.7



#12

1,3-Dichlorobenzene

Concen: 20.995 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

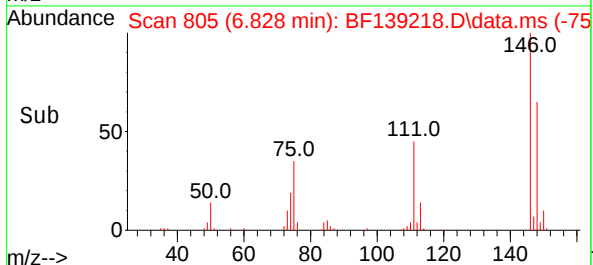
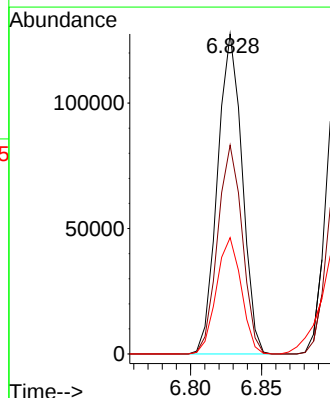
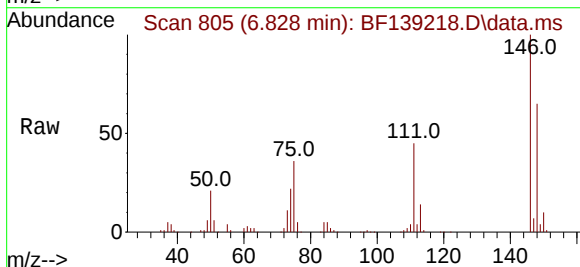
Tgt Ion:146 Resp: 153925

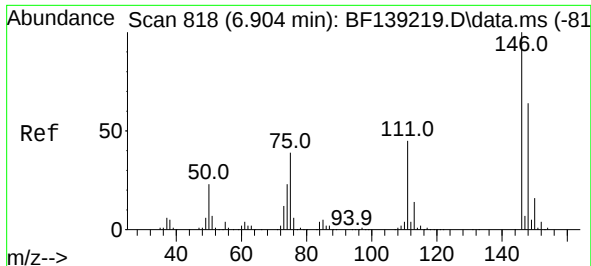
Ion Ratio Lower Upper

146 100

148 65.3 50.9 76.3

75 36.3 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 21.230 ng

RT: 6.904 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

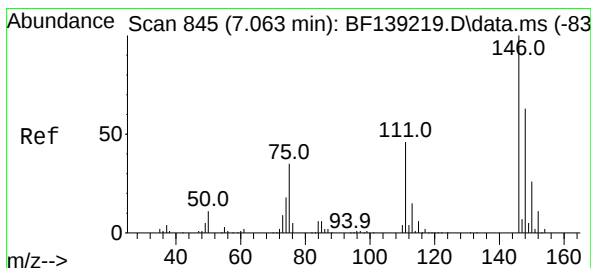
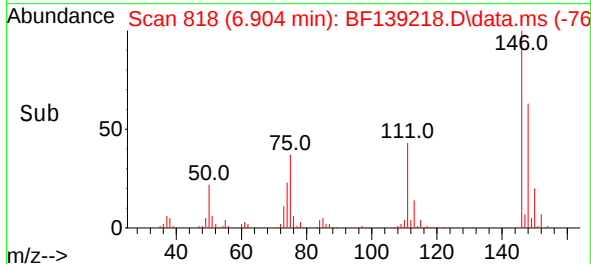
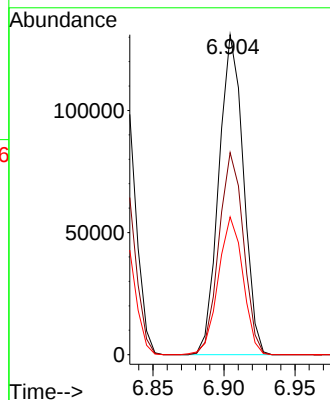
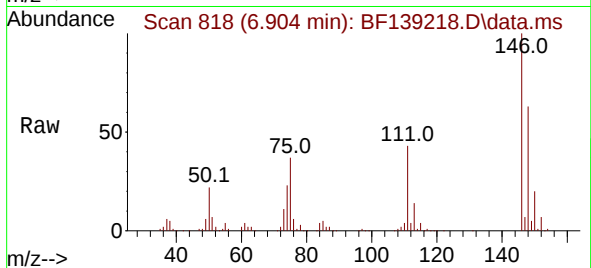
Tgt Ion:146 Resp: 157265

Ion Ratio Lower Upper

146 100

148 63.1 51.5 77.3

111 43.0 35.6 53.4



#14

1,2-Dichlorobenzene

Concen: 21.155 ng

RT: 7.057 min Scan# 844

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

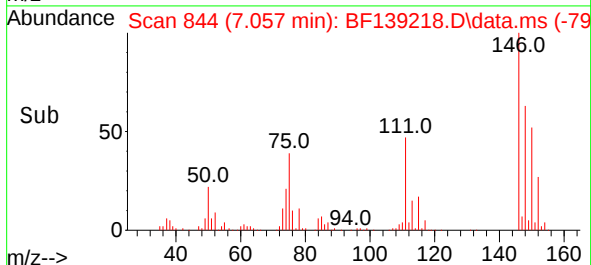
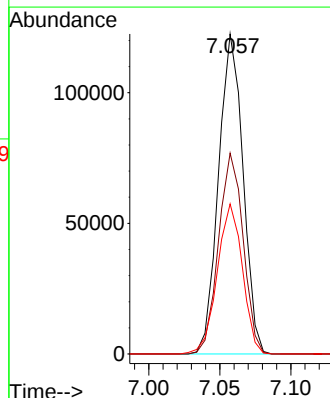
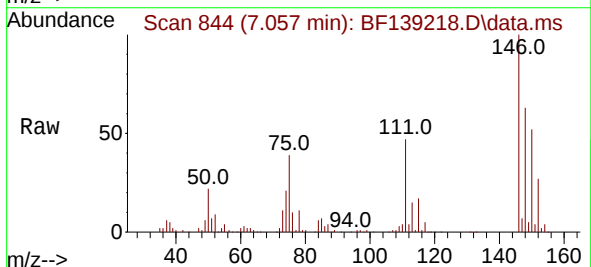
Tgt Ion:146 Resp: 146685

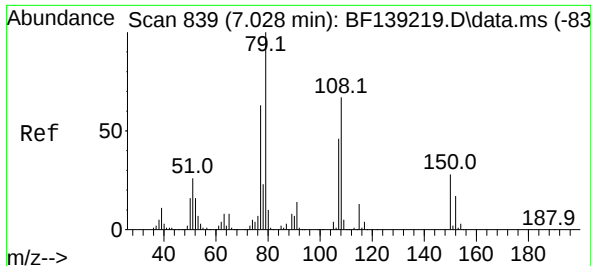
Ion Ratio Lower Upper

146 100

148 62.8 50.7 76.1

111 46.9 37.0 55.6

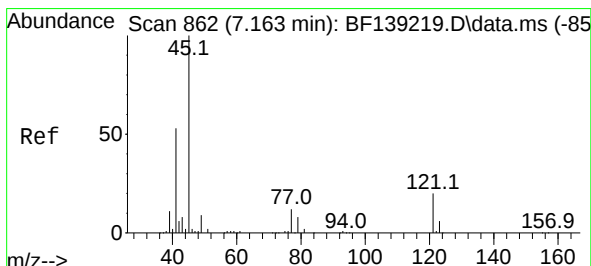
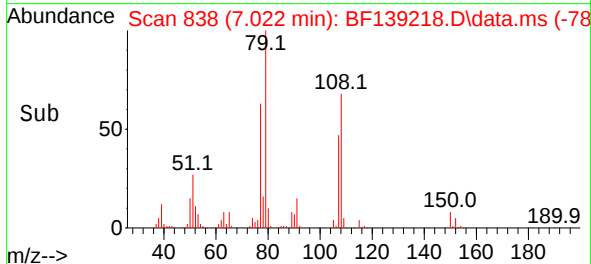
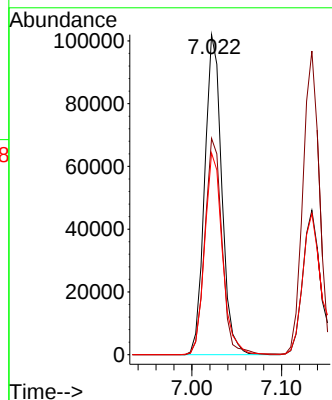
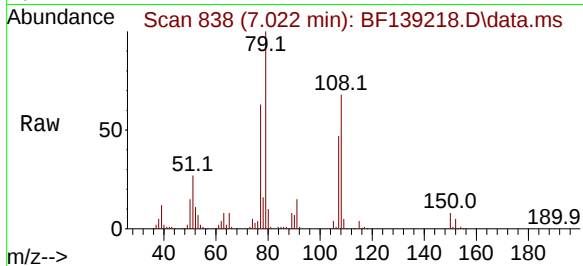




#15
Benzyl Alcohol
Concen: 21.134 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

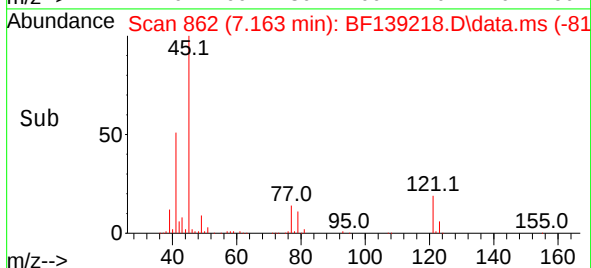
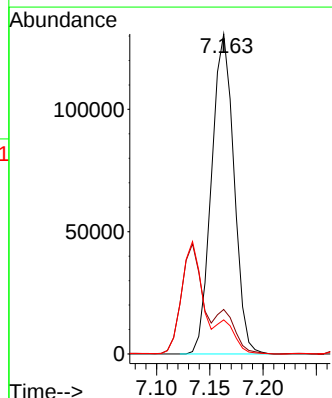
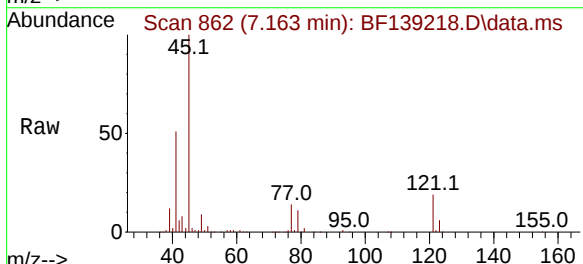
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

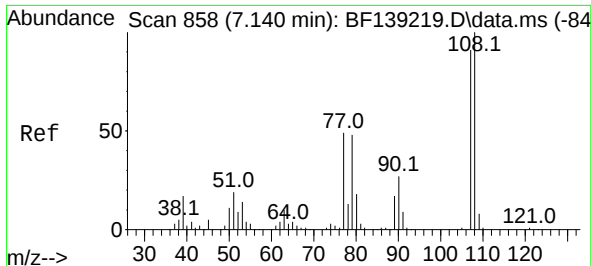
Tgt Ion: 79 Resp: 134569
Ion Ratio Lower Upper
79 100
108 67.6 53.4 80.2
77 63.0 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 21.338 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.000 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Tgt Ion: 45 Resp: 191117
Ion Ratio Lower Upper
45 100
77 13.9 0.0 34.7
79 10.7 0.0 31.0

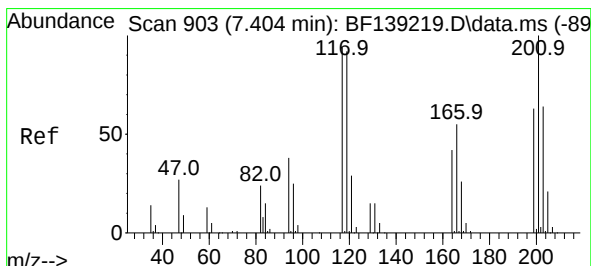
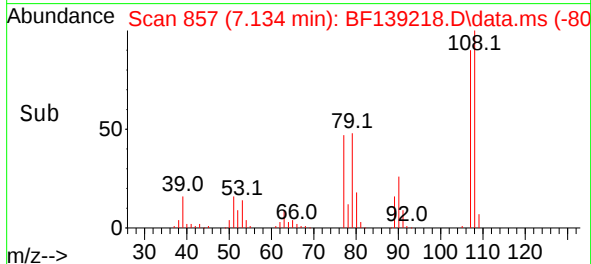
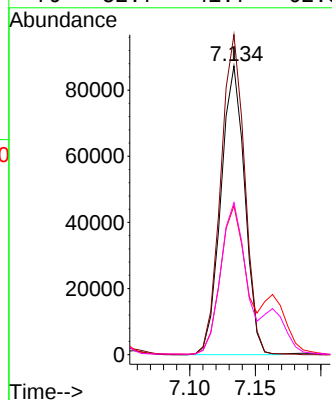
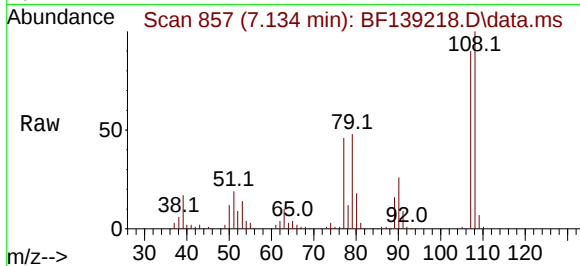




#17
2-Methylphenol
Concen: 21.092 ng
RT: 7.134 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

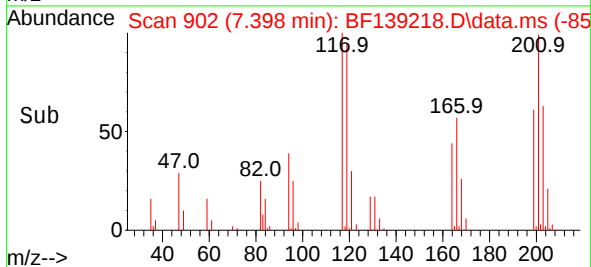
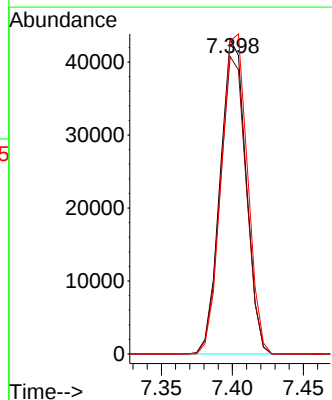
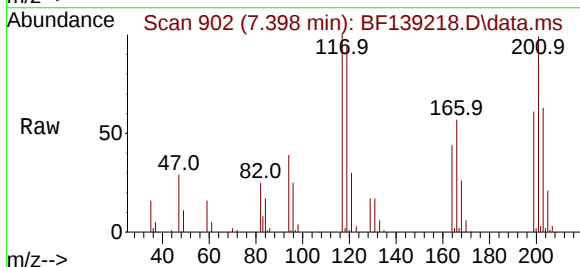
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

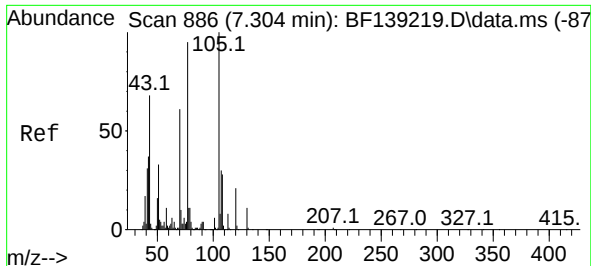
Tgt Ion:107 Resp: 110306
Ion Ratio Lower Upper
107 100
108 110.9 87.6 131.4
77 51.5 43.2 64.8
79 52.7 41.7 62.5



#18
Hexachloroethane
Concen: 21.271 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Tgt Ion:117 Resp: 54571
Ion Ratio Lower Upper
117 100
119 94.5 78.3 117.5
201 99.4 85.4 128.0





#19

n-Nitroso-di-n-propylamine

Concen: 20.958 ng

RT: 7.292 min Scan# 886

Delta R.T. -0.012 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 70 Resp: 106625

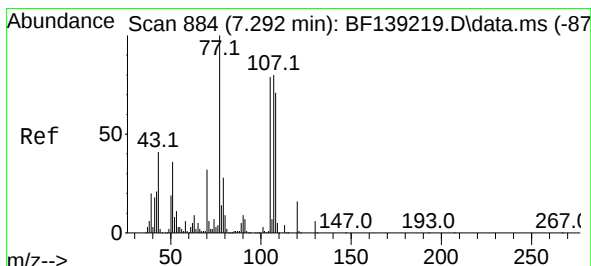
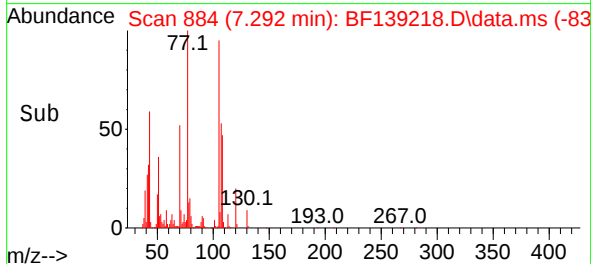
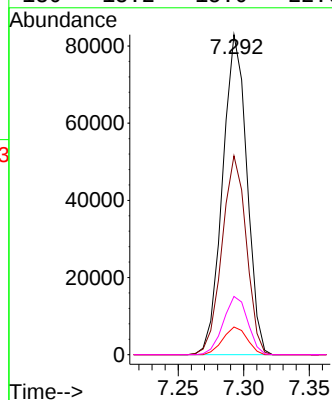
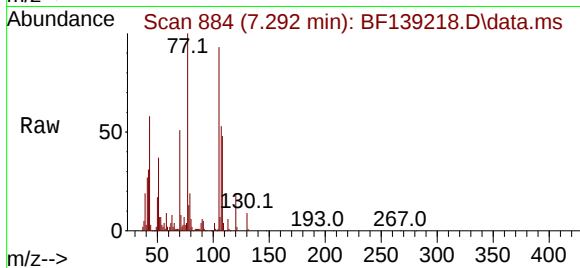
Ion Ratio Lower Upper

70 100

42 62.2 49.0 73.4

101 8.7 7.6 11.4

130 18.2 15.0 22.6



#20

3+4-Methylphenols

Concen: 21.426 ng

RT: 7.287 min Scan# 883

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Tgt Ion:107 Resp: 145220

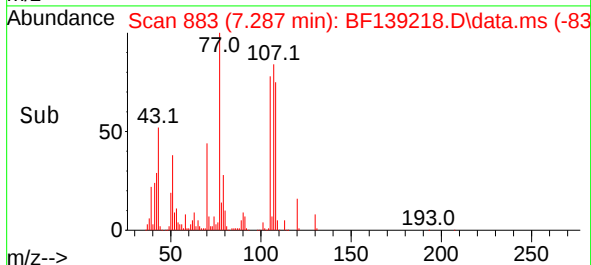
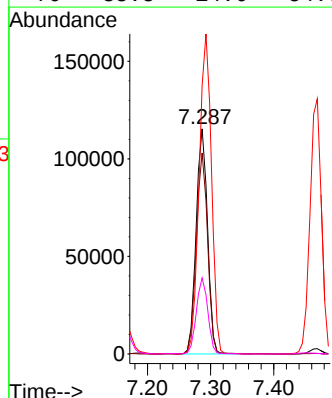
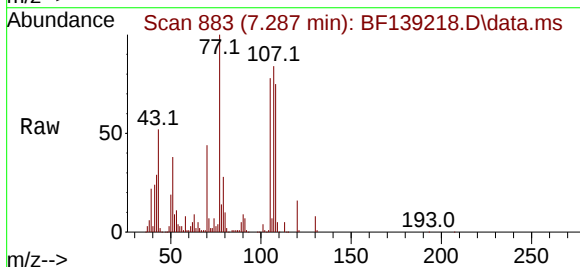
Ion Ratio Lower Upper

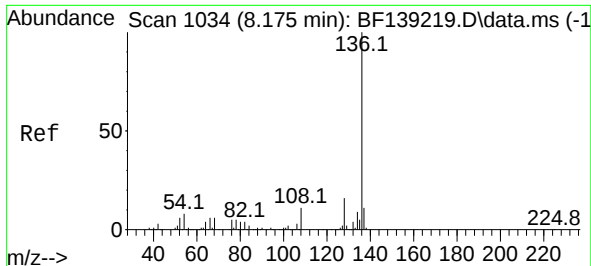
107 100

108 89.3 69.2 109.2

77 119.2 105.6 145.6

79 33.8 14.6 54.6

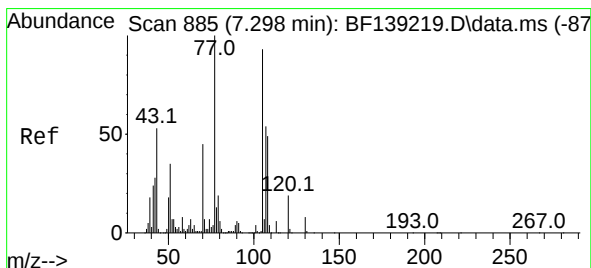
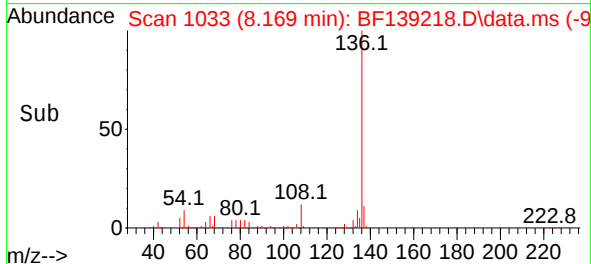
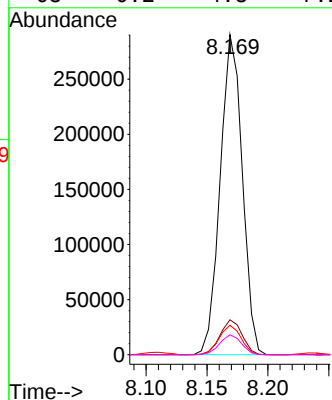
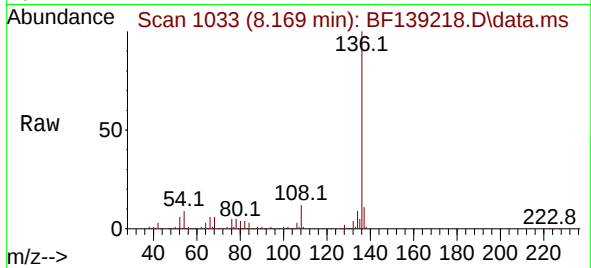




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

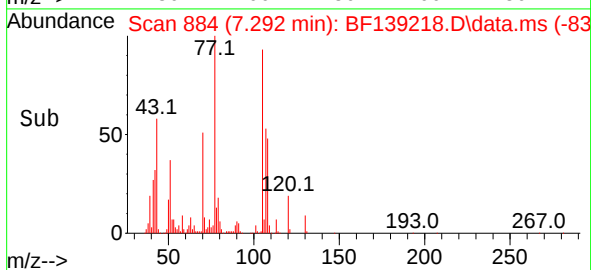
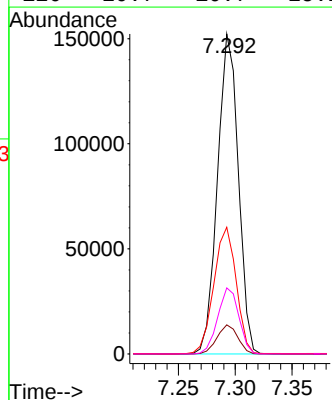
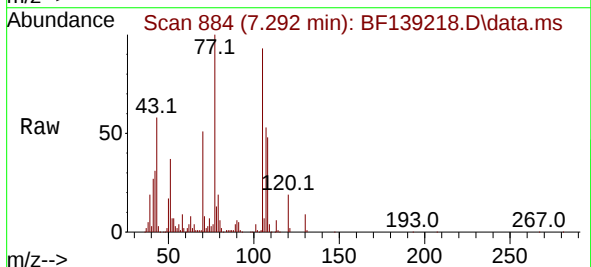
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

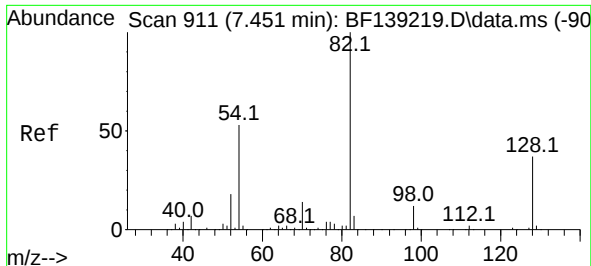
Tgt Ion:136 Resp: 366473
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 9.2 6.9 10.3
68 6.2 4.8 7.2



#22
Acetophenone
Concen: 20.866 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Tgt Ion:105 Resp: 194537
Ion Ratio Lower Upper
105 100
71 9.1 6.5 9.7
51 39.6 30.7 46.1
120 20.7 16.7 25.1





#23

Nitrobenzene-d5

Concen: 41.928 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

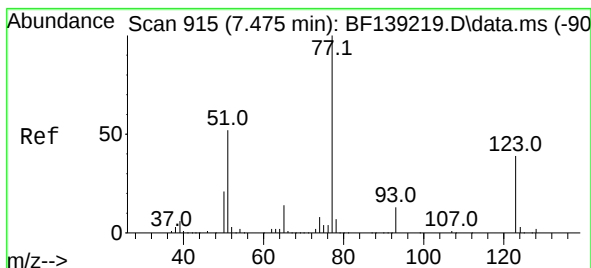
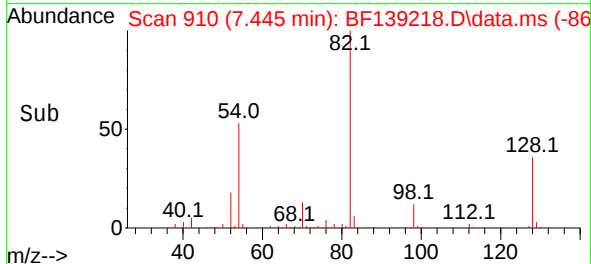
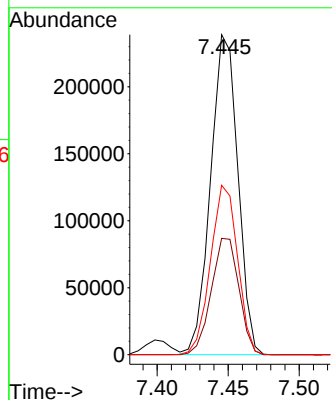
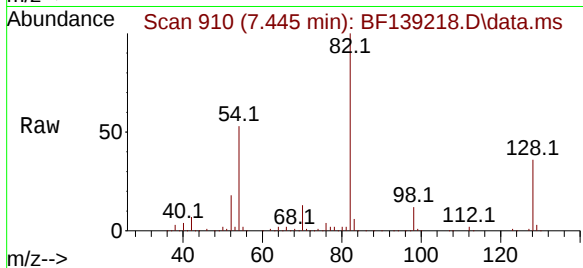
Tgt Ion: 82 Resp: 319643

Ion Ratio Lower Upper

82 100

128 36.4 29.4 44.2

54 52.9 42.4 63.6



#24

Nitrobenzene

Concen: 20.709 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

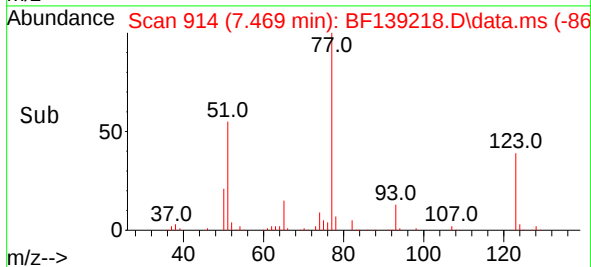
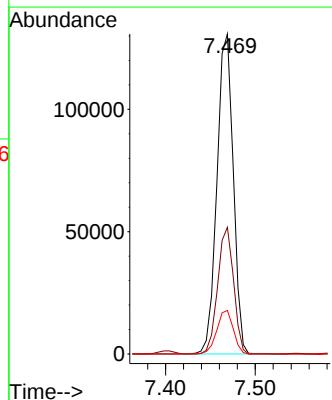
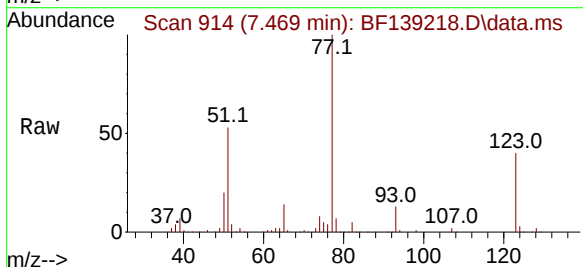
Tgt Ion: 77 Resp: 165108

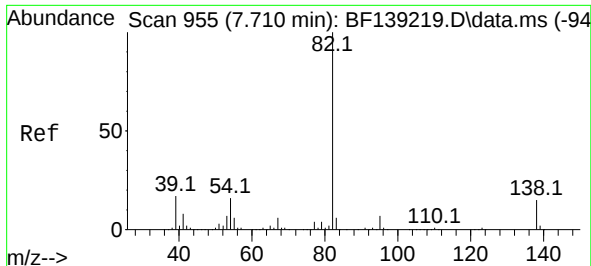
Ion Ratio Lower Upper

77 100

123 39.6 32.0 48.0

65 13.6 11.1 16.7

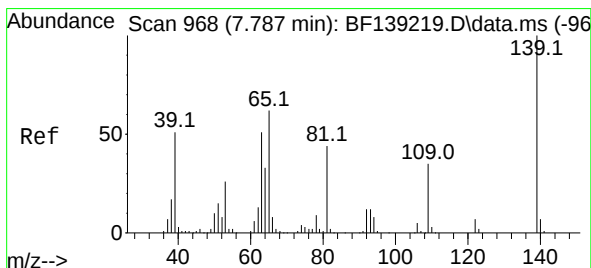
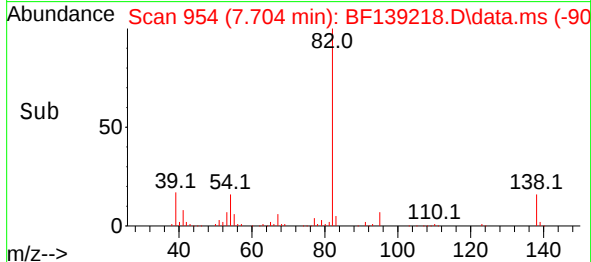
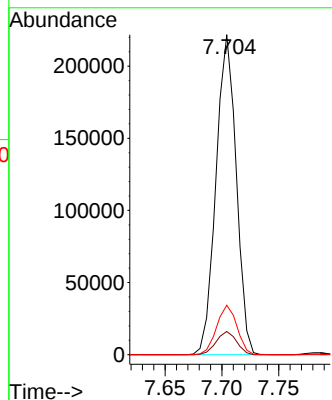
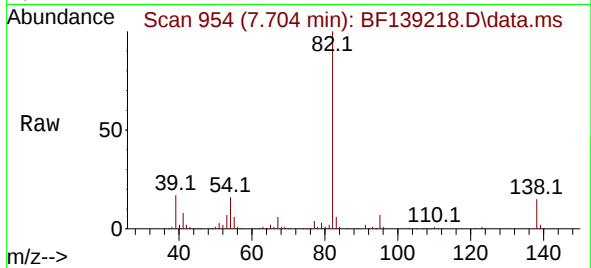




#25
Isophorone
Concen: 20.803 ng
RT: 7.704 min Scan# 90
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

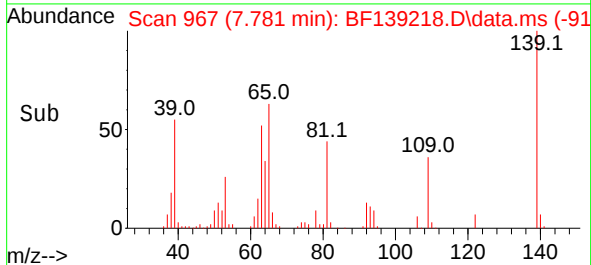
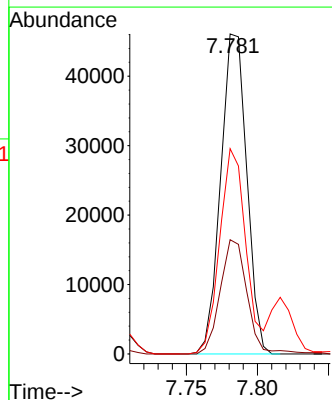
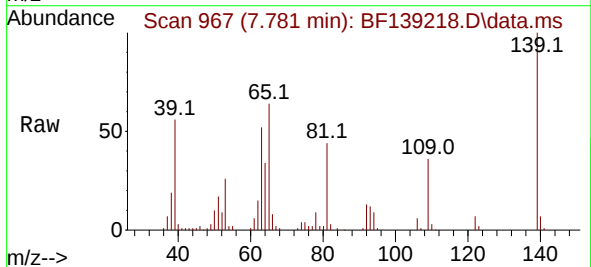
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

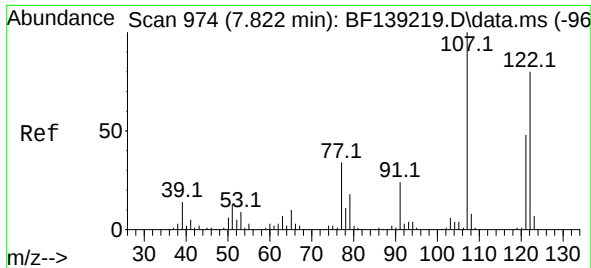
Tgt Ion: 82 Resp: 274862
Ion Ratio Lower Upper
82 100
95 7.3 5.8 8.8
138 15.5 12.3 18.5



#26
2-Nitrophenol
Concen: 20.650 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Tgt Ion:139 Resp: 58935
Ion Ratio Lower Upper
139 100
109 35.7 28.2 42.2
65 64.2 49.6 74.4

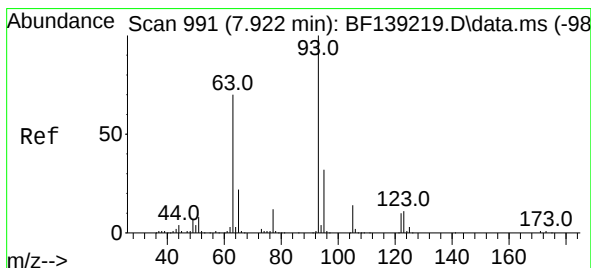
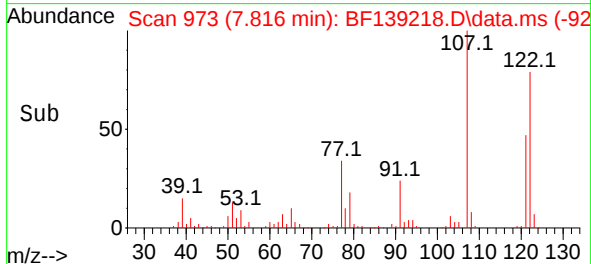
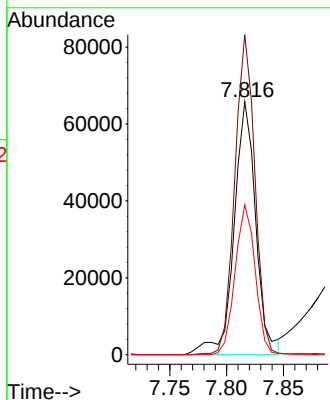
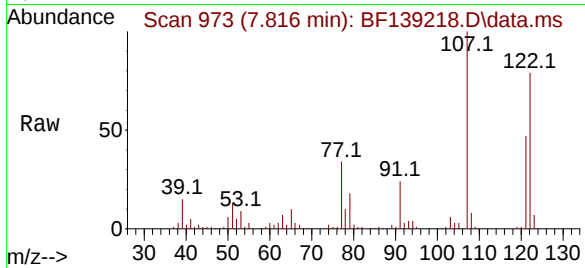




#27
2,4-Dimethylphenol
Concen: 20.965 ng
RT: 7.816 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

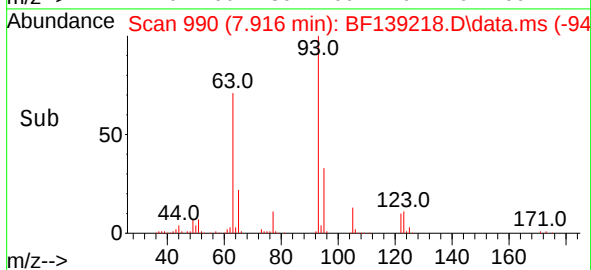
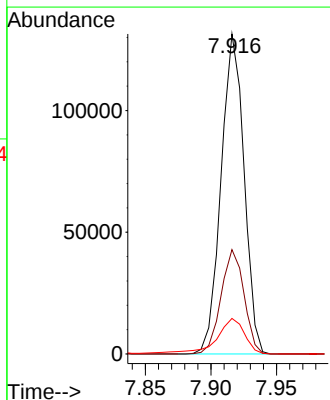
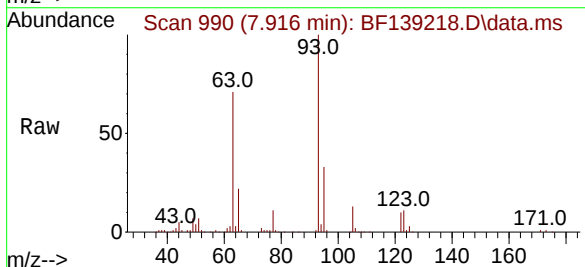
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

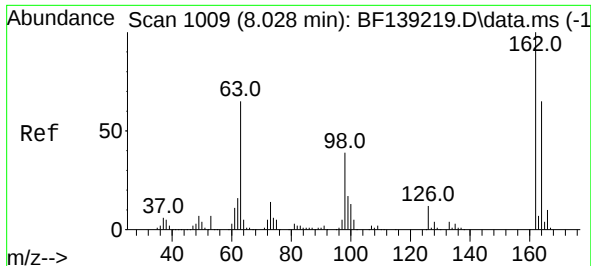
Tgt Ion:122 Resp: 87787
Ion Ratio Lower Upper
122 100
107 126.5 99.8 149.8
121 59.2 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 20.799 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Tgt Ion: 93 Resp: 160008
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 11.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 20.990 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

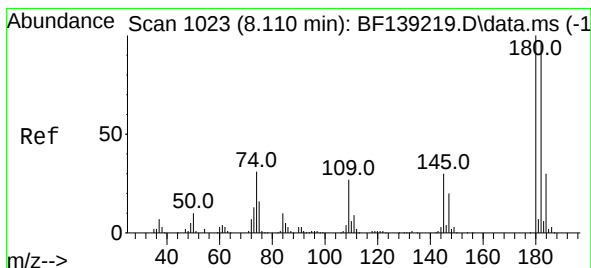
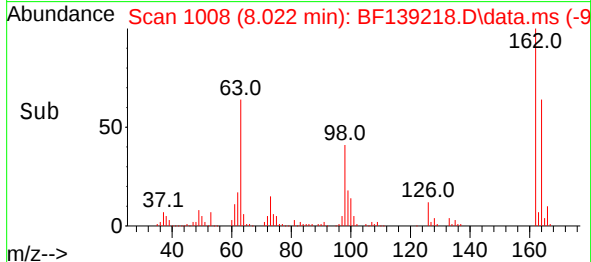
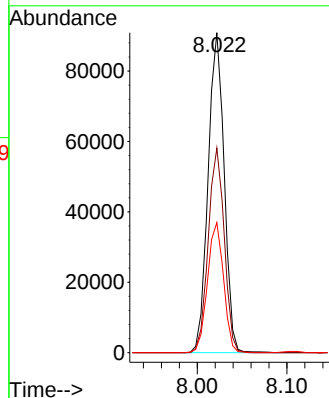
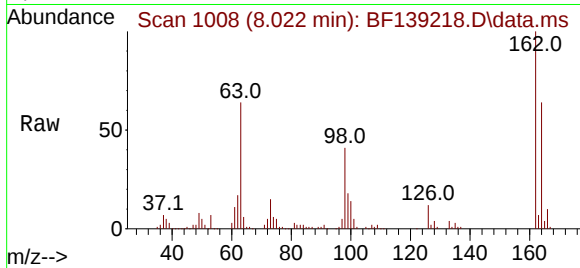
Tgt Ion:162 Resp: 113062

Ion Ratio Lower Upper

162 100

164 63.9 45.3 85.3

98 40.7 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 20.994 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

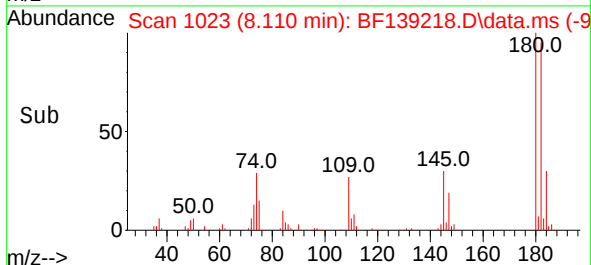
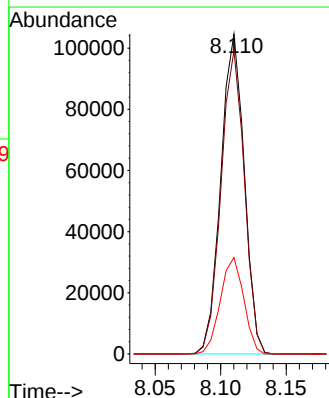
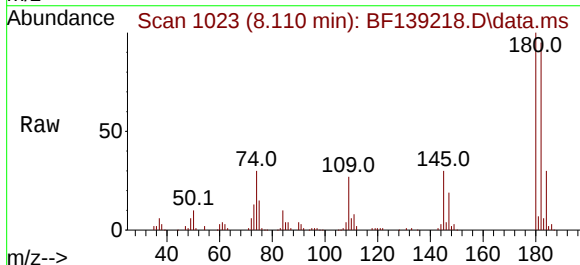
Tgt Ion:180 Resp: 129769

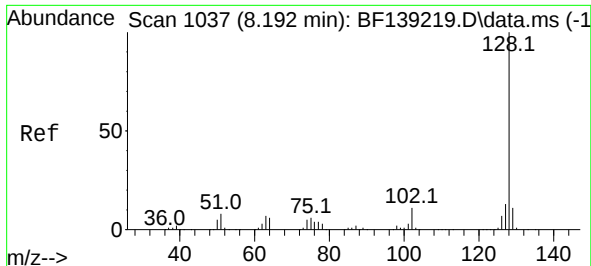
Ion Ratio Lower Upper

180 100

182 94.8 76.5 114.7

145 30.1 24.2 36.2





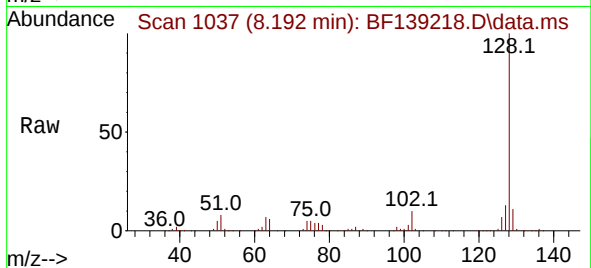
#31
Naphthalene
Concen: 20.919 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Instrument :

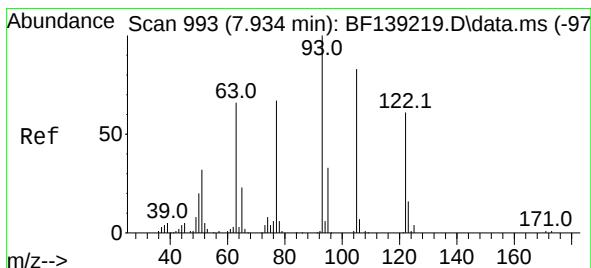
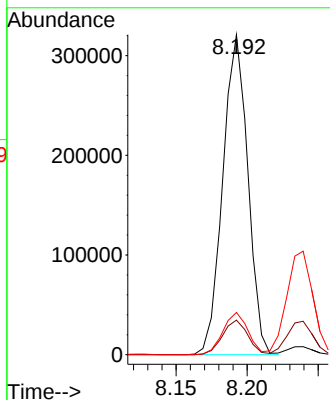
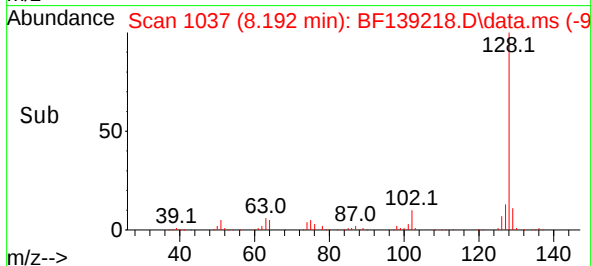
BNA_F

ClientSampleId :

SSTDICC020

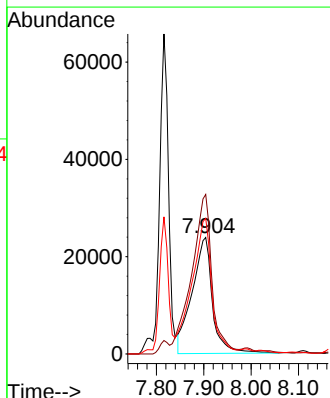
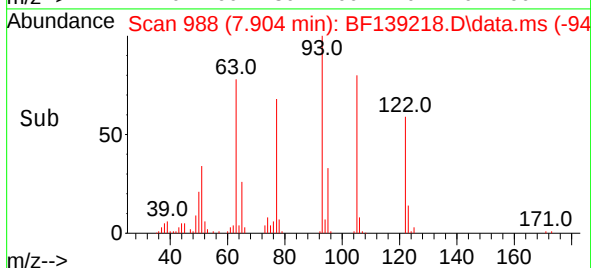
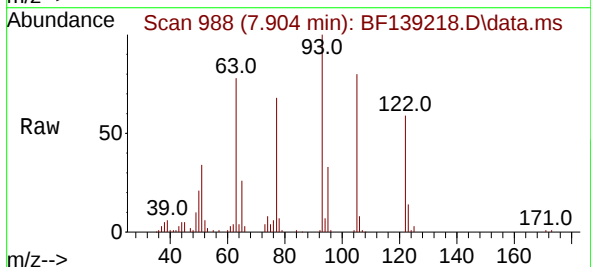


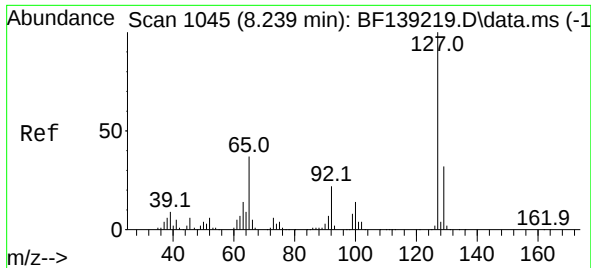
Tgt Ion:128 Resp: 393100
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 13.2 10.7 16.1



#32
Benzoic acid
Concen: 19.129 ng
RT: 7.904 min Scan# 988
Delta R.T. -0.030 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Tgt Ion:122 Resp: 71154
Ion Ratio Lower Upper
122 100
105 136.9 115.3 155.3
77 116.5 91.0 131.0





#33

4-Chloroaniline

Concen: 20.869 ng

RT: 8.239 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:127 Resp: 134426

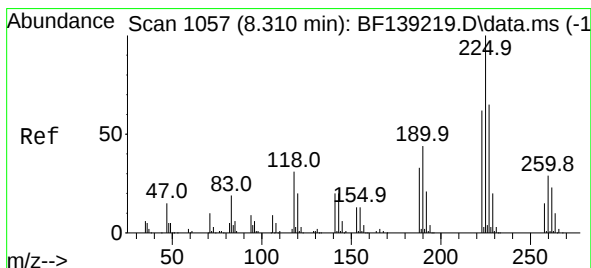
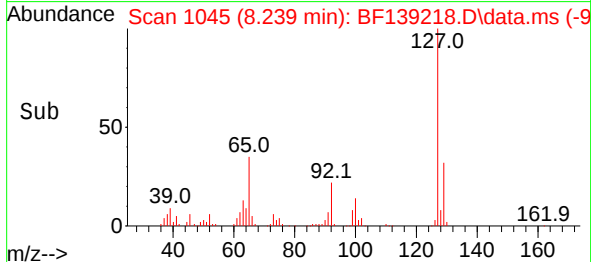
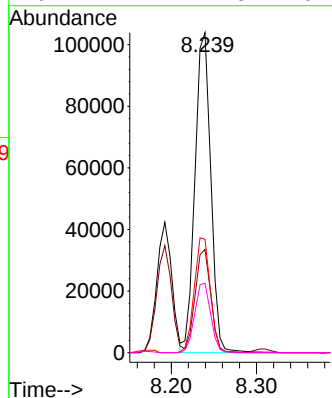
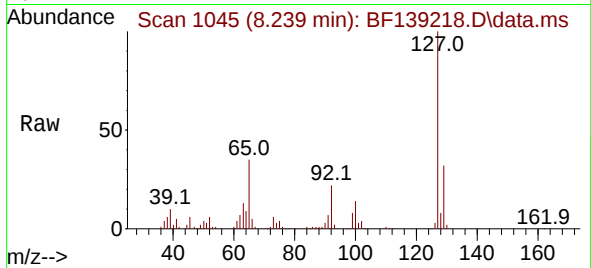
Ion Ratio Lower Upper

127 100

129 32.3 25.5 38.3

65 35.5 29.3 43.9

92 21.7 17.8 26.6



#34

Hexachlorobutadiene

Concen: 21.107 ng

RT: 8.310 min Scan# 1057

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

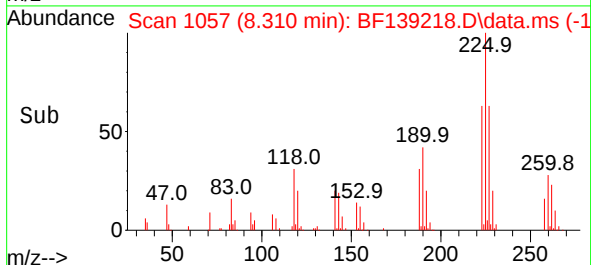
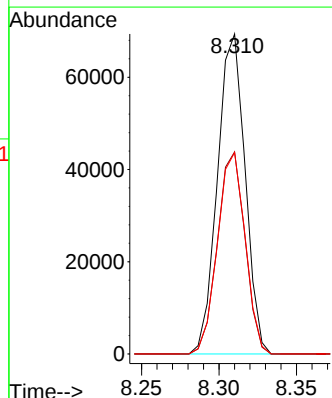
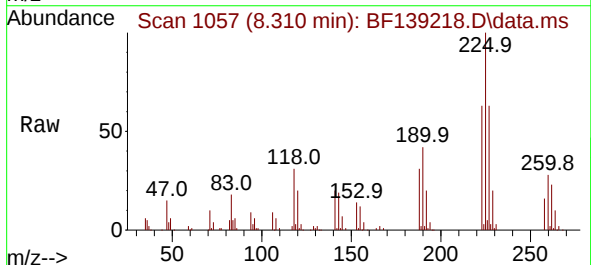
Tgt Ion:225 Resp: 86005

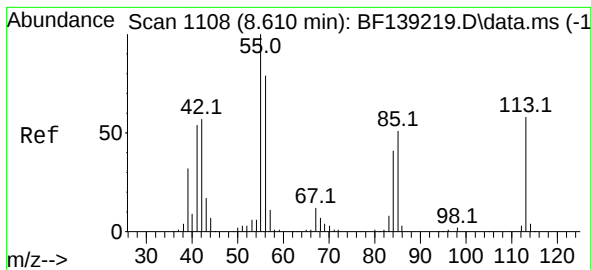
Ion Ratio Lower Upper

225 100

223 63.2 49.4 74.0

227 63.0 51.7 77.5





#35

Caprolactam

Concen: 20.958 ng

RT: 8.586 min Scan# 1104

Delta R.T. -0.024 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

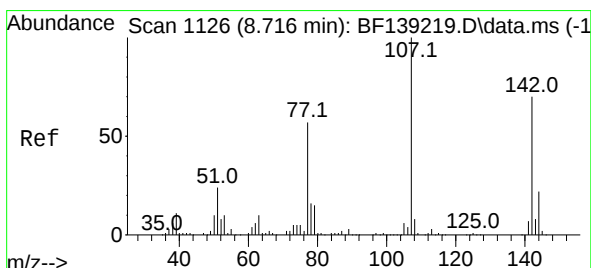
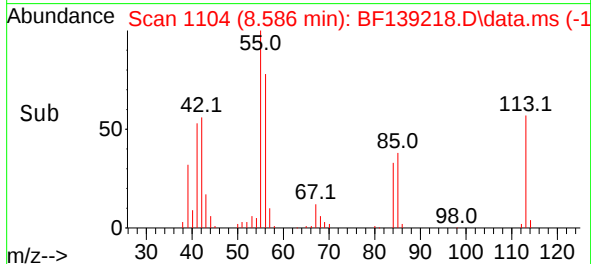
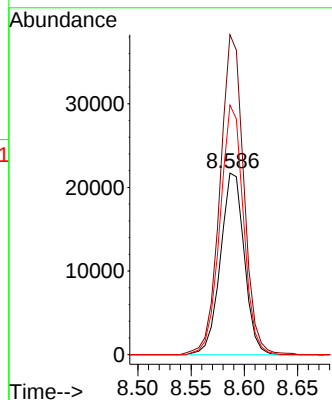
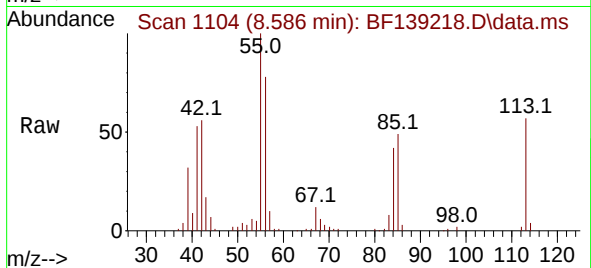
Tgt Ion:113 Resp: 33631

Ion Ratio Lower Upper

113 100

55 176.2 153.2 193.2

56 137.5 116.8 156.8



#36

4-Chloro-3-methylphenol

Concen: 21.005 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

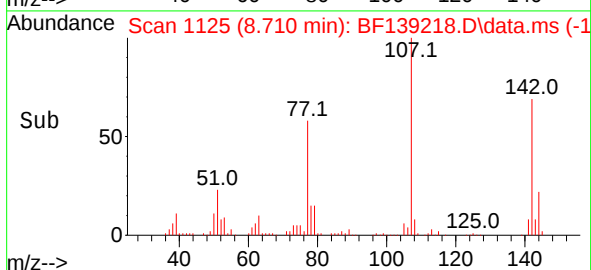
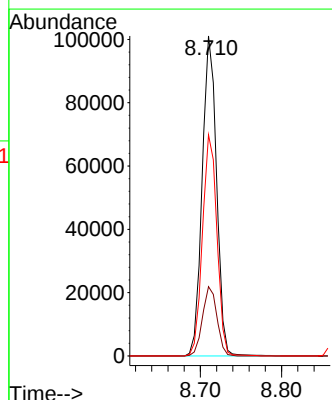
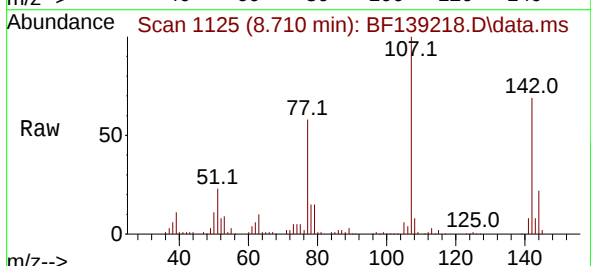
Tgt Ion:107 Resp: 124207

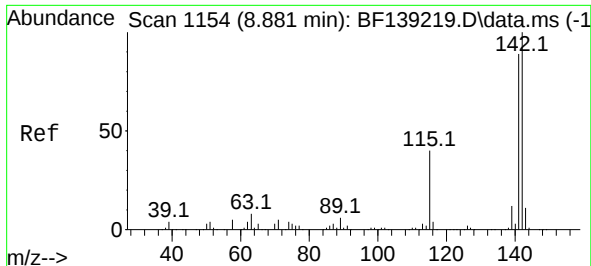
Ion Ratio Lower Upper

107 100

144 21.6 17.8 26.8

142 69.1 55.8 83.8





#37

2-Methylnaphthalene

Concen: 21.039 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

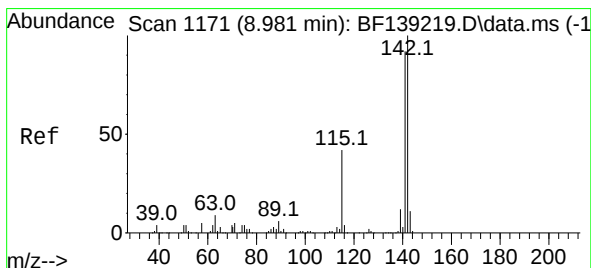
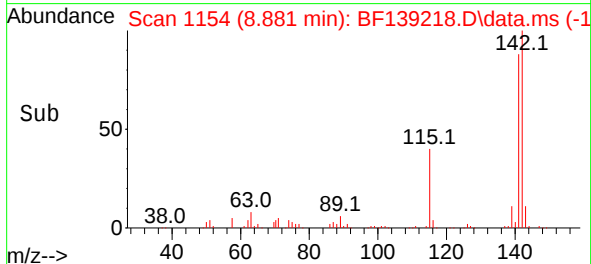
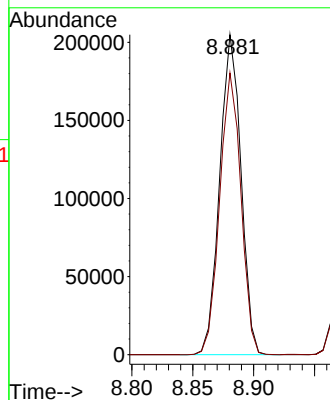
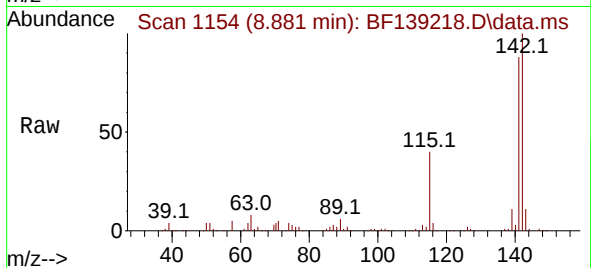
SSTDICC020

Tgt Ion:142 Resp: 249083

Ion Ratio Lower Upper

142 100

141 88.0 70.9 106.3



#38

1-Methylnaphthalene

Concen: 20.885 ng

RT: 8.981 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF139218.D

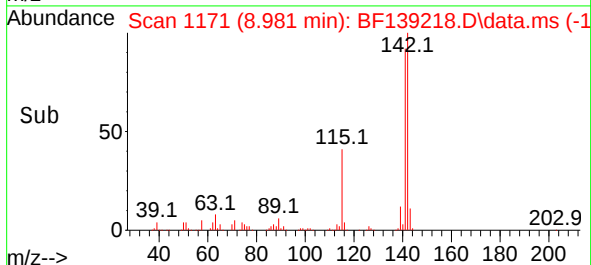
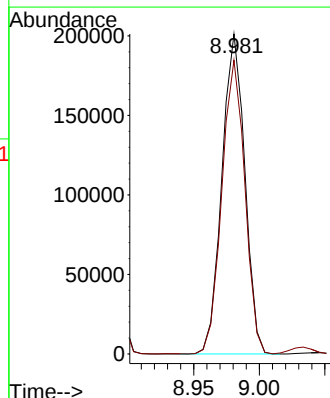
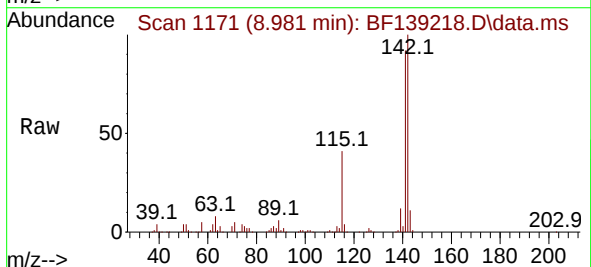
Acq: 29 Aug 2024 12:46

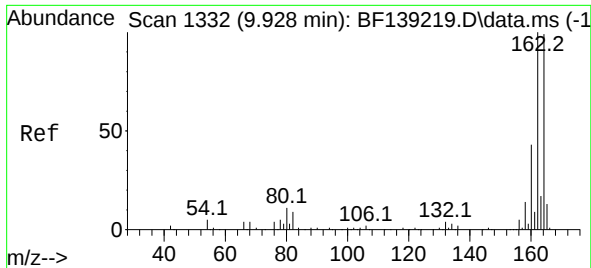
Tgt Ion:142 Resp: 243870

Ion Ratio Lower Upper

142 100

141 91.8 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

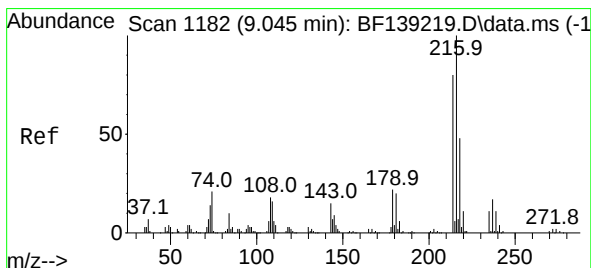
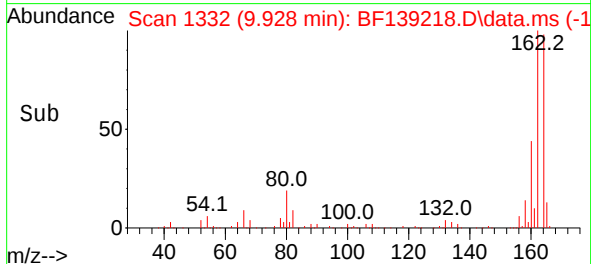
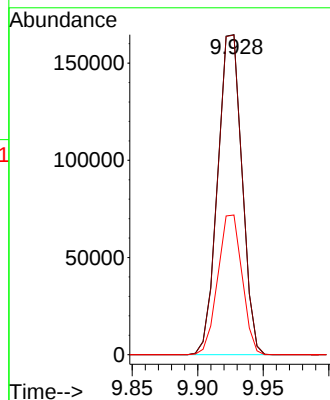
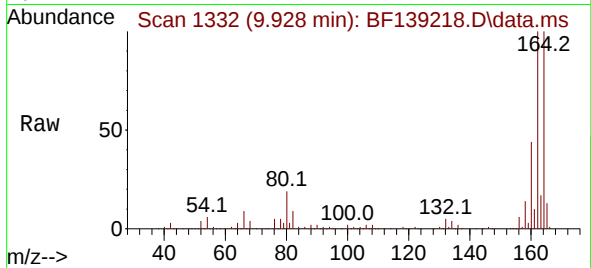
Tgt Ion:164 Resp: 212563

Ion Ratio Lower Upper

164 100

162 99.9 80.8 121.2

160 43.6 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 20.677 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Tgt Ion:216 Resp: 130626

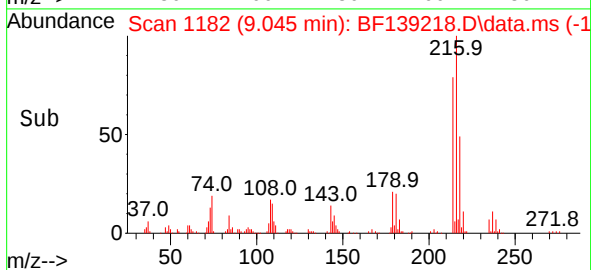
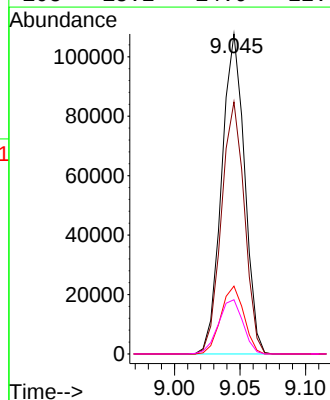
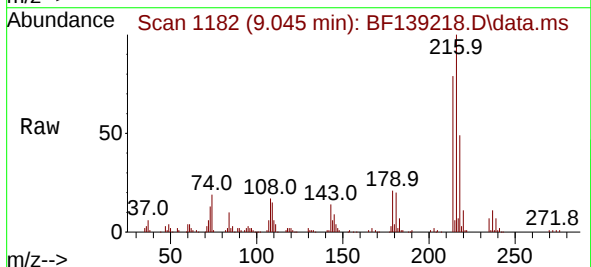
Ion Ratio Lower Upper

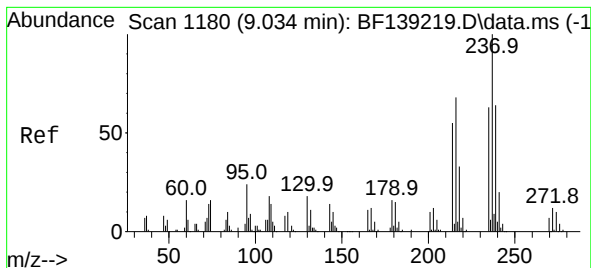
216 100

214 78.9 63.6 95.4

179 21.4 17.1 25.7

108 18.2 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 20.266 ng

RT: 9.034 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

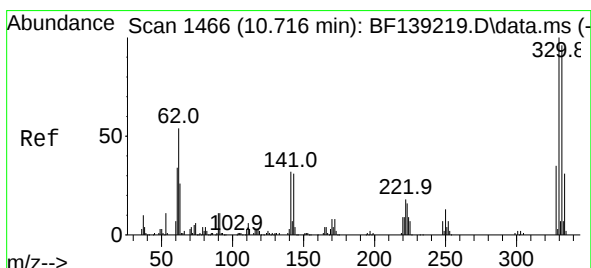
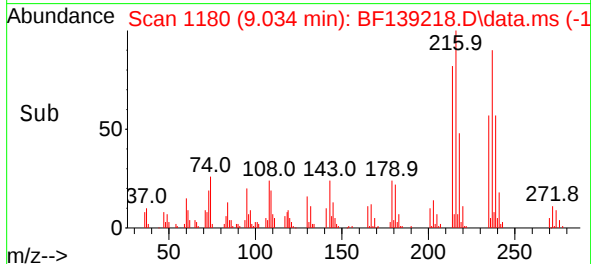
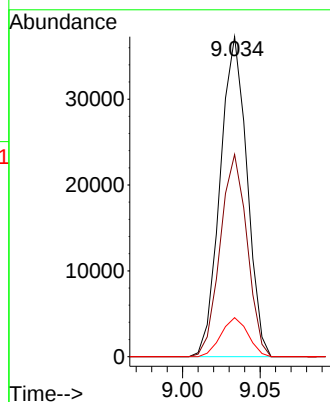
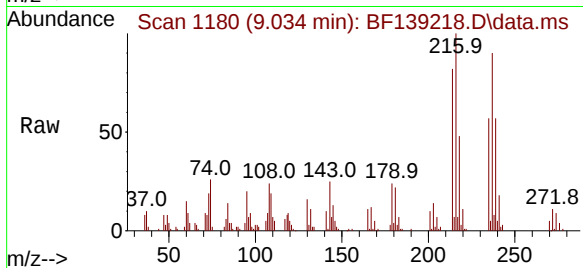
Tgt Ion:237 Resp: 44843

Ion Ratio Lower Upper

237 100

235 63.2 43.2 83.2

272 12.2 0.0 32.1



#42

2,4,6-Tribromophenol

Concen: 41.432 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

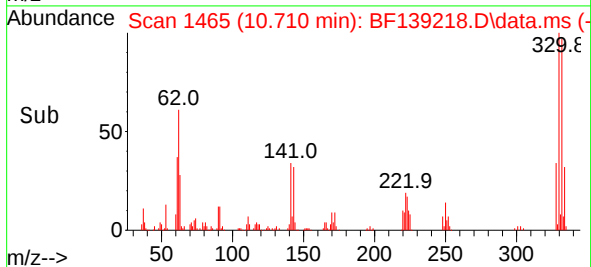
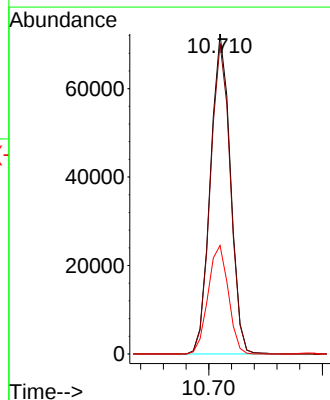
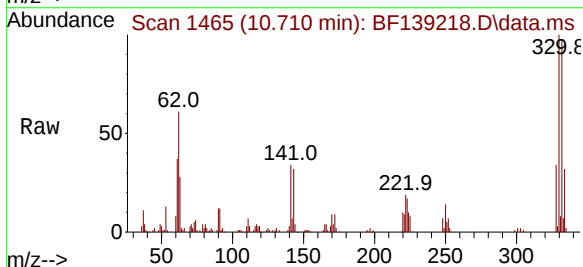
Tgt Ion:330 Resp: 88341

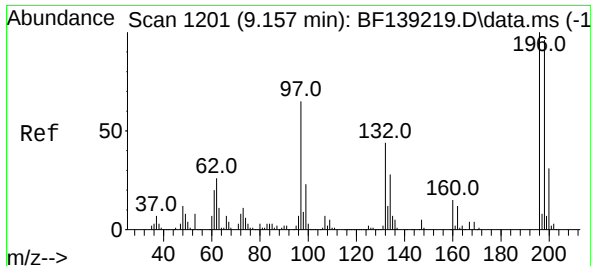
Ion Ratio Lower Upper

330 100

332 96.8 76.6 114.8

141 34.3 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 21.161 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

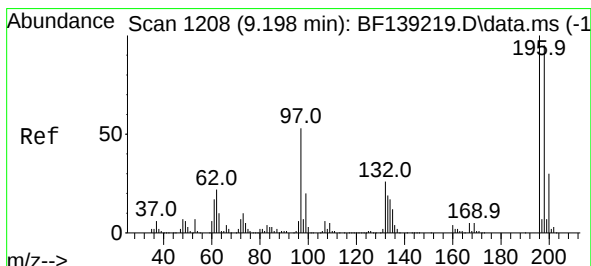
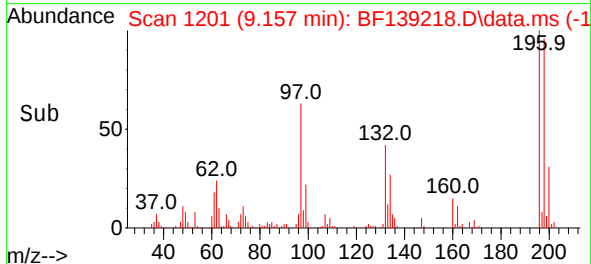
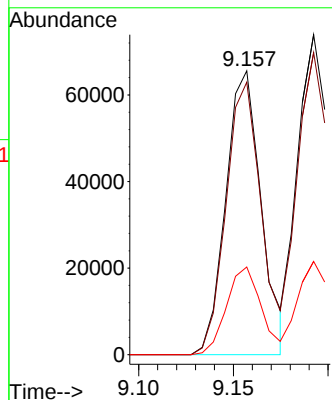
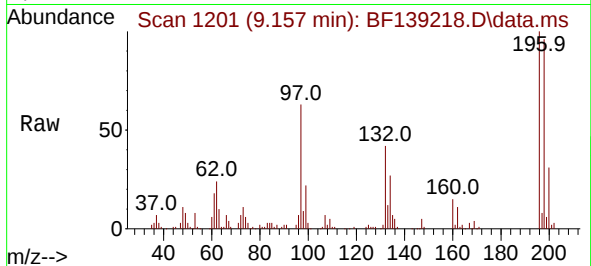
Tgt Ion:196 Resp: 85032

Ion Ratio Lower Upper

196 100

198 96.0 76.6 115.0

200 30.9 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 20.575 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Tgt Ion:196 Resp: 88975

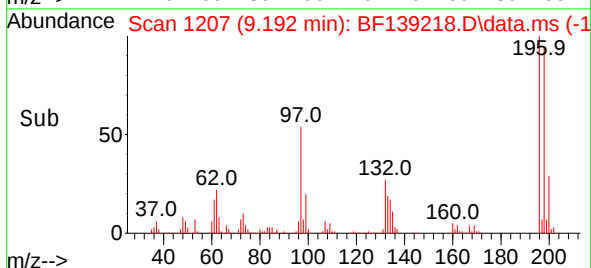
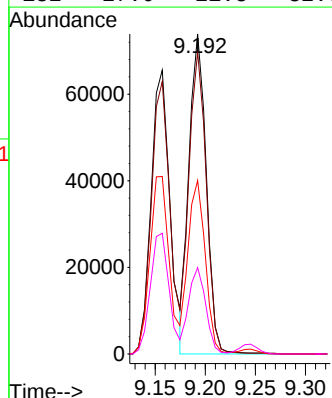
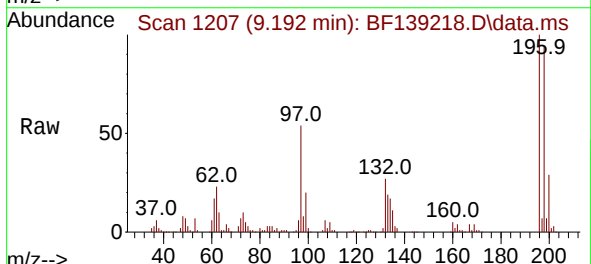
Ion Ratio Lower Upper

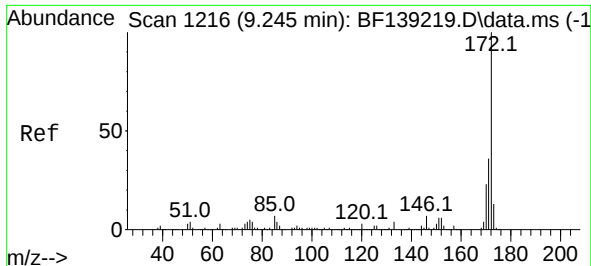
196 100

198 94.4 76.2 114.4

97 54.2 43.0 64.4

132 27.0 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 42.284 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

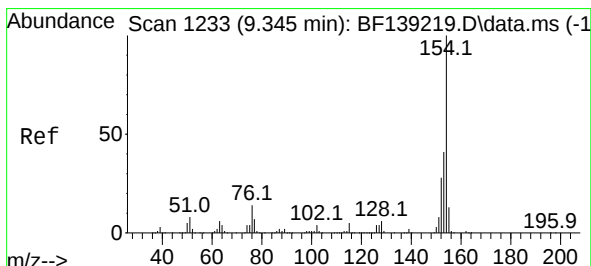
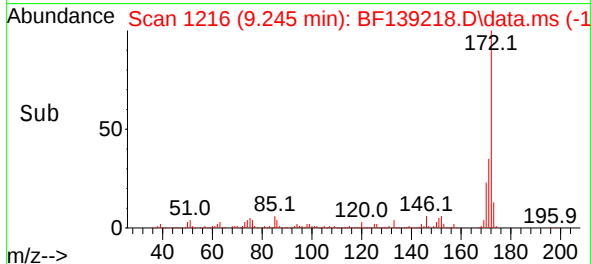
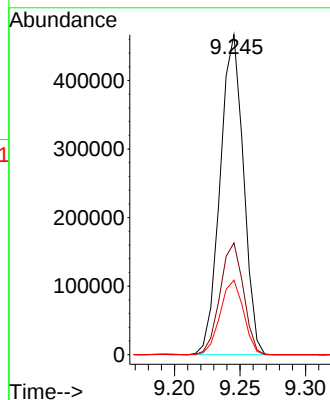
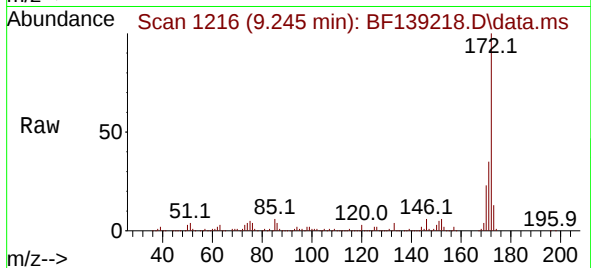
Tgt Ion:172 Resp: 577246

Ion Ratio Lower Upper

172 100

171 34.9 28.7 43.1

170 23.3 18.7 28.1



#46

1,1'-Biphenyl

Concen: 20.997 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

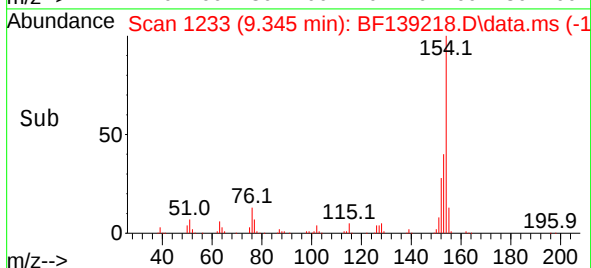
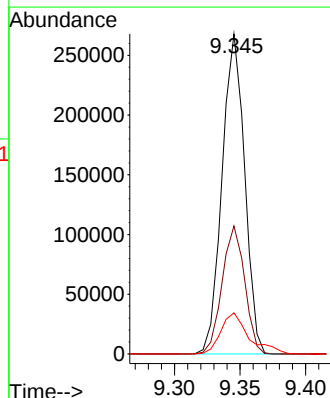
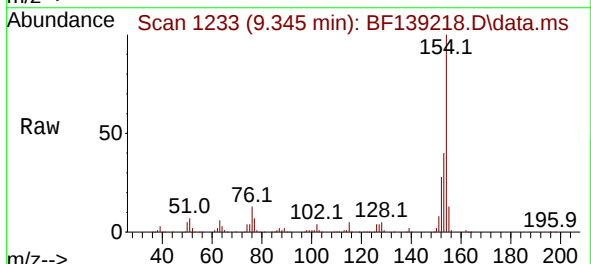
Tgt Ion:154 Resp: 319873

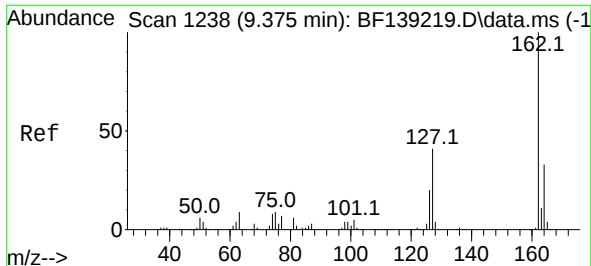
Ion Ratio Lower Upper

154 100

153 40.0 20.8 60.8

76 12.9 0.0 33.9





#47

2-Chloronaphthalene

Concen: 21.033 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

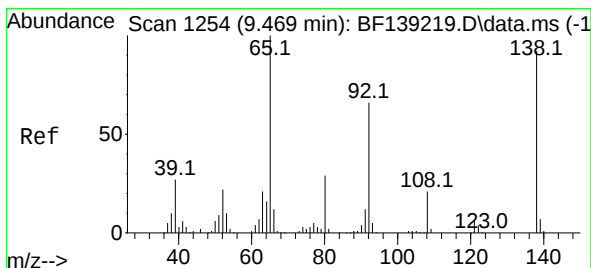
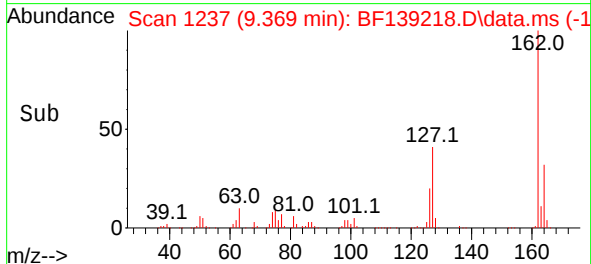
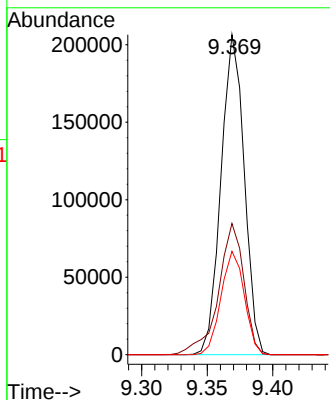
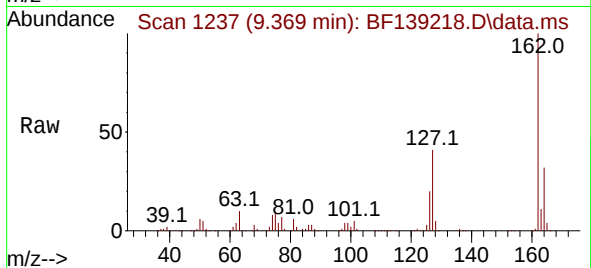
Tgt Ion:162 Resp: 254358

Ion Ratio Lower Upper

162 100

127 41.0 33.0 49.4

164 32.3 26.2 39.4



#48

2-Nitroaniline

Concen: 20.587 ng

RT: 9.463 min Scan# 1253

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

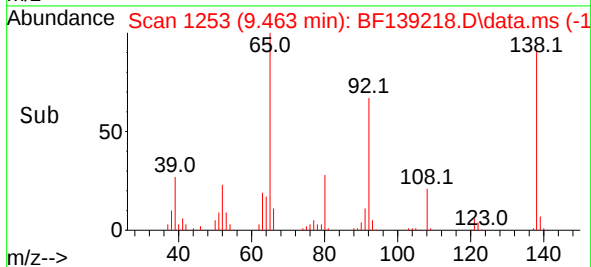
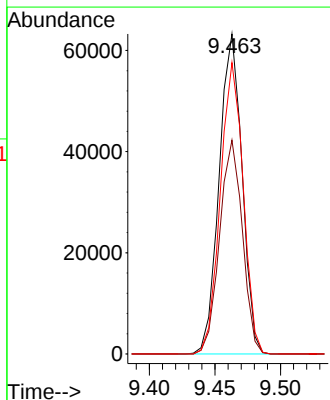
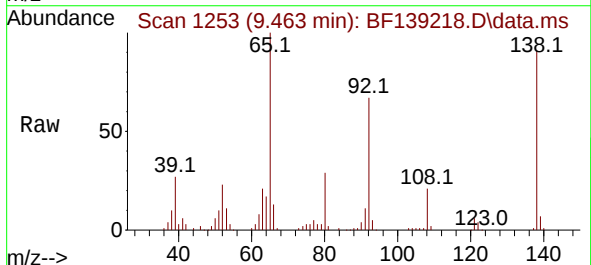
Tgt Ion: 65 Resp: 76662

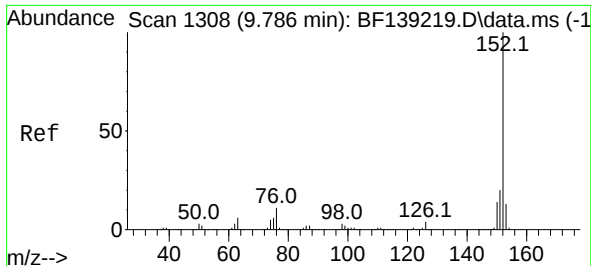
Ion Ratio Lower Upper

65 100

92 66.8 52.7 79.1

138 91.1 73.4 110.0





#49

Acenaphthylene

Concen: 20.885 ng

RT: 9.786 min Scan# 1308

Delta R.T. 0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

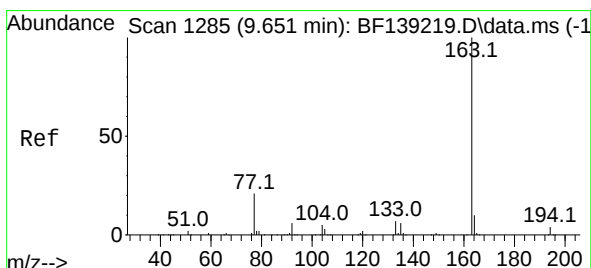
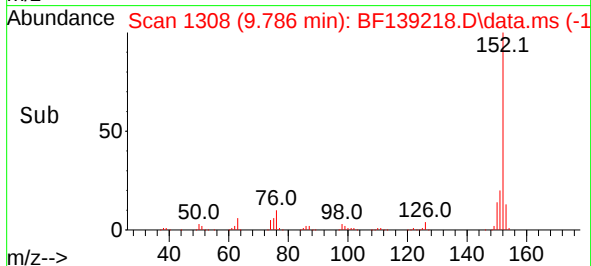
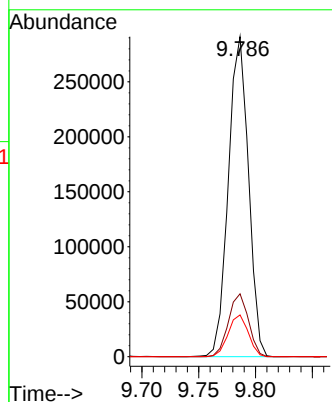
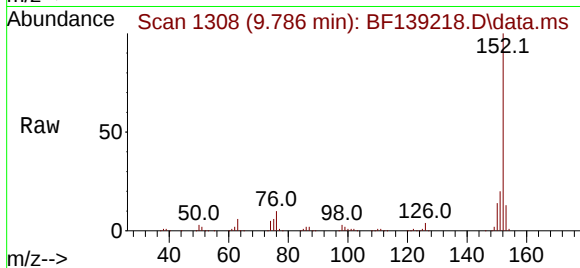
Tgt Ion:152 Resp: 359002

Ion Ratio Lower Upper

152 100

151 19.6 16.2 24.2

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 20.981 ng

RT: 9.645 min Scan# 1284

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

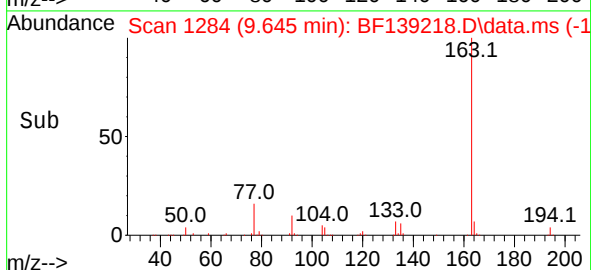
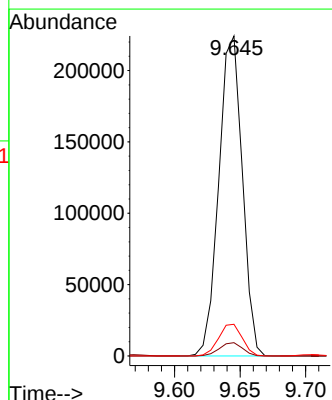
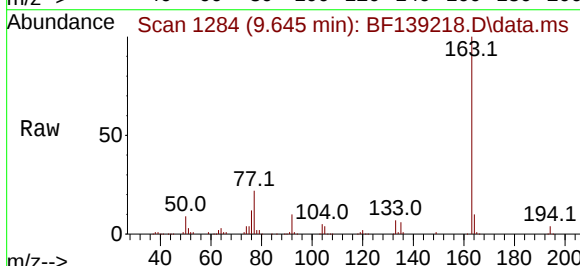
Tgt Ion:163 Resp: 279262

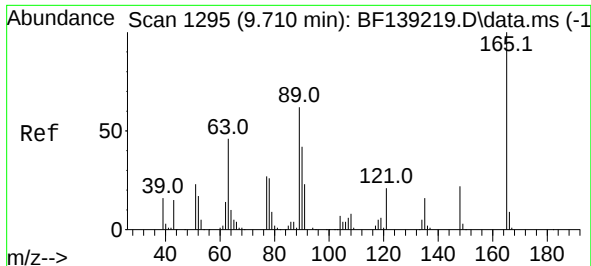
Ion Ratio Lower Upper

163 100

194 4.1 3.2 4.8

164 9.9 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 20.799 ng

RT: 9.704 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

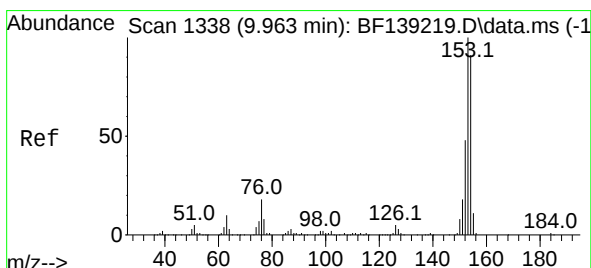
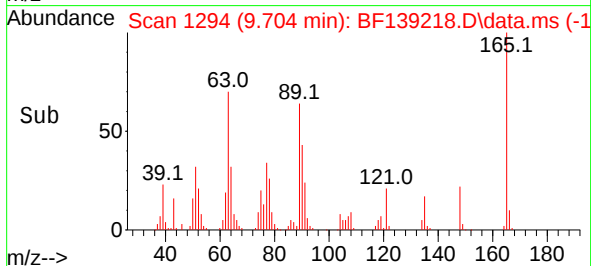
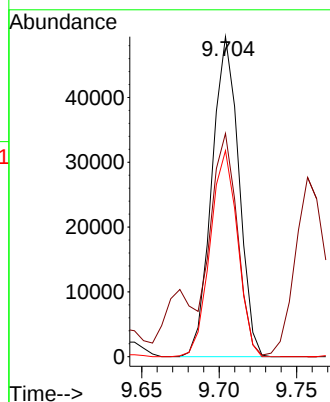
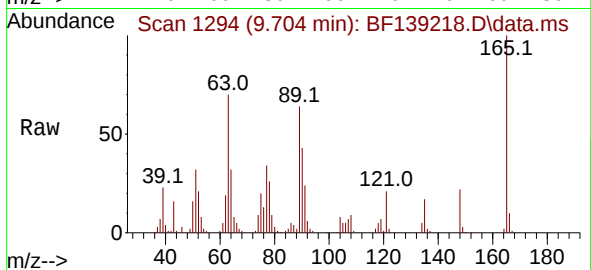
Tgt Ion:165 Resp: 59830

Ion Ratio Lower Upper

165 100

63 69.7 52.1 78.1

89 64.4 49.7 74.5



#52

Acenaphthene

Concen: 20.568 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

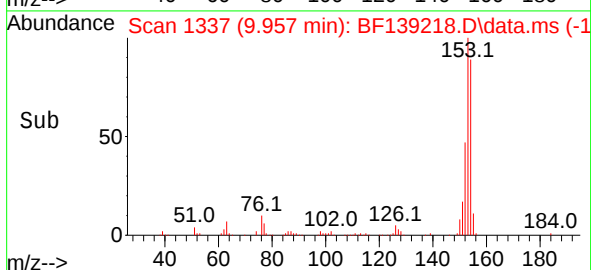
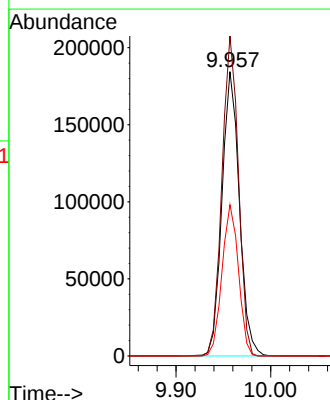
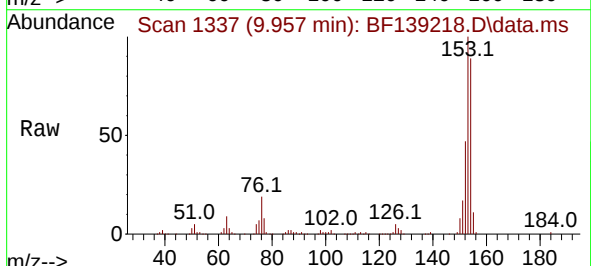
Tgt Ion:154 Resp: 236057

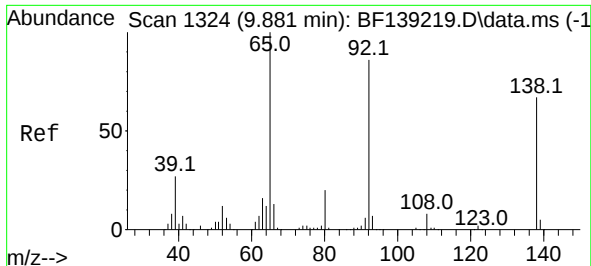
Ion Ratio Lower Upper

154 100

153 112.6 88.2 132.2

152 53.2 42.2 63.4





#53

3-Nitroaniline

Concen: 20.793 ng

RT: 9.875 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

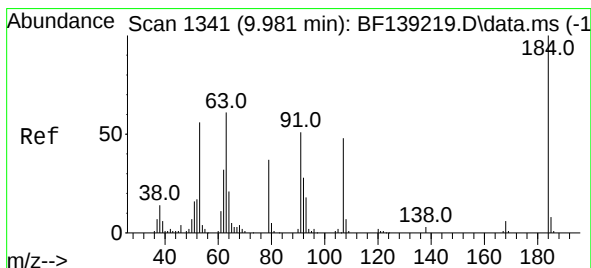
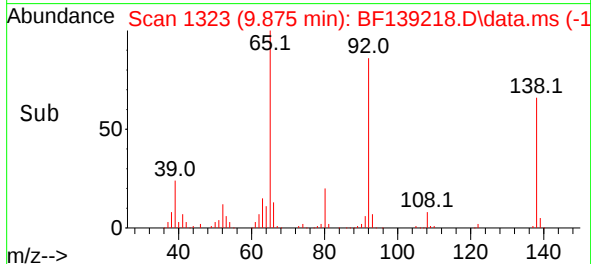
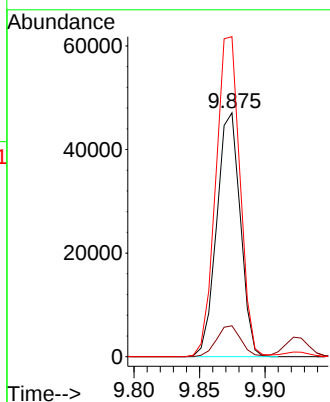
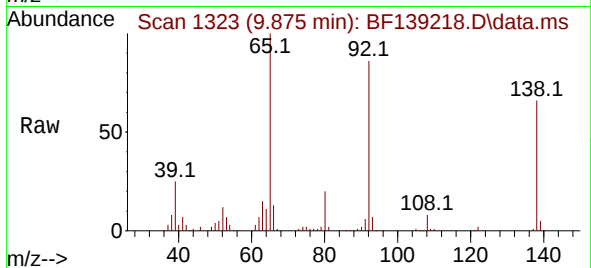
Tgt Ion:138 Resp: 58919

Ion Ratio Lower Upper

138 100

108 12.7 9.4 14.0

92 131.2 102.0 153.0



#54

2,4-Dinitrophenol

Concen: 19.788 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

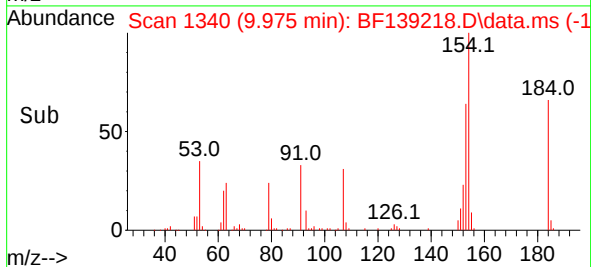
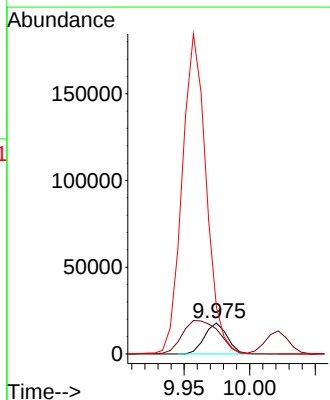
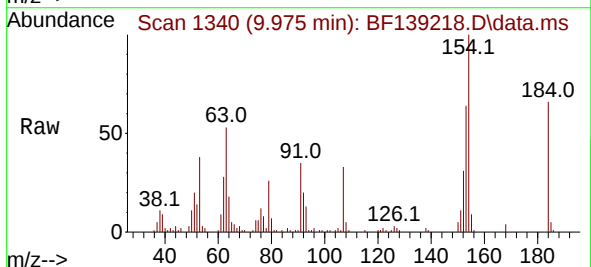
Tgt Ion:184 Resp: 21425

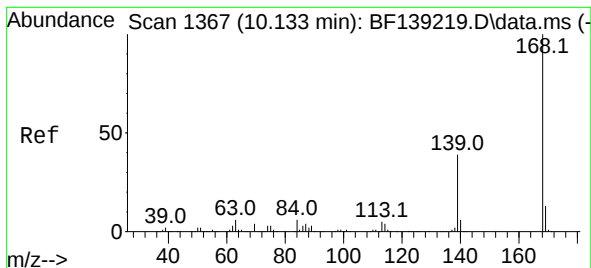
Ion Ratio Lower Upper

184 100

63 80.3 61.9 92.9

154 150.6 70.9 106.3#





#55

Dibenzenofuran

Concen: 21.355 ng

RT: 10.128 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

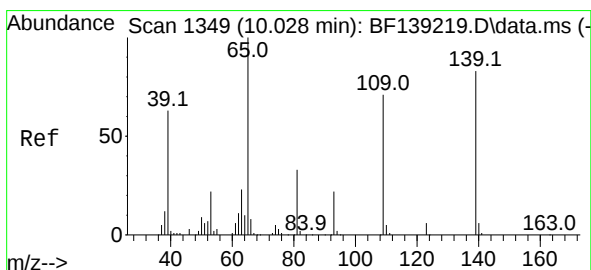
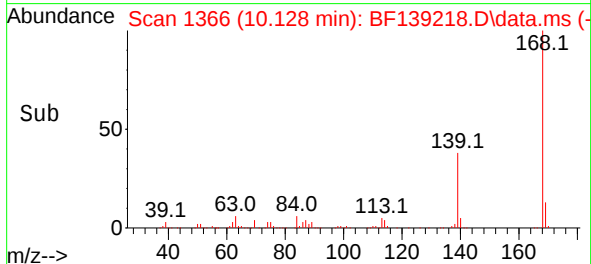
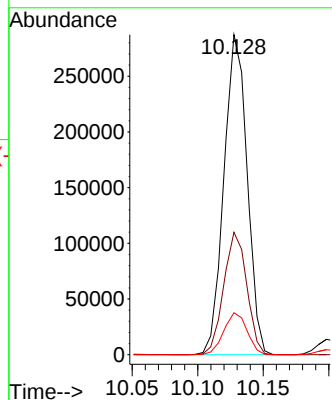
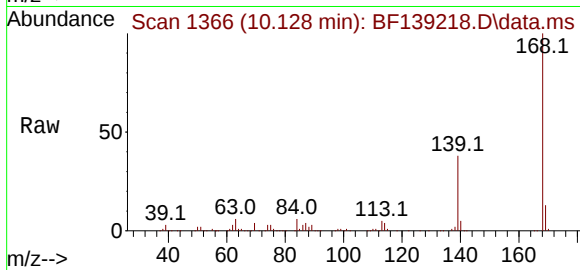
Tgt Ion:168 Resp: 353023

Ion Ratio Lower Upper

168 100

139 38.3 31.3 46.9

169 13.1 10.6 16.0



#56

4-Nitrophenol

Concen: 20.799 ng

RT: 10.022 min Scan# 1348

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

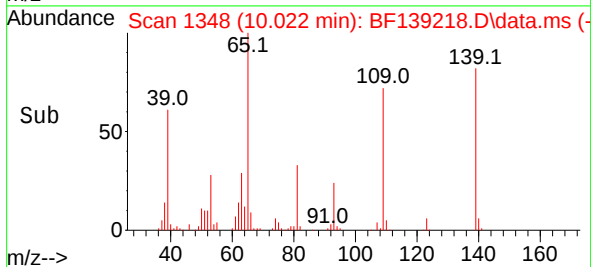
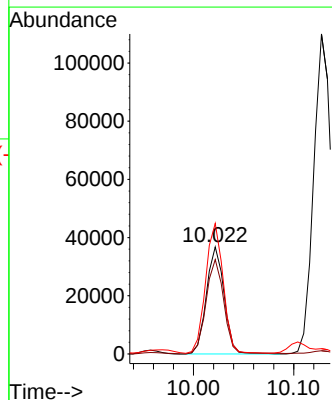
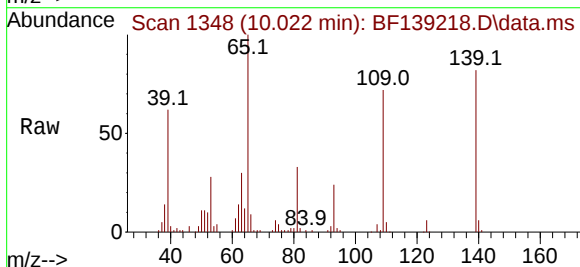
Tgt Ion:139 Resp: 45065

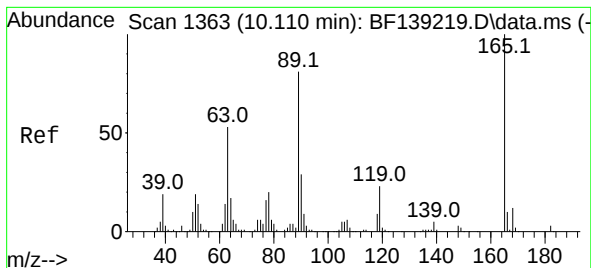
Ion Ratio Lower Upper

139 100

109 88.2 65.8 105.8

65 121.9 101.4 141.4





#57

2,4-Dinitrotoluene

Concen: 21.136 ng

RT: 10.104 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:165 Resp: 76593

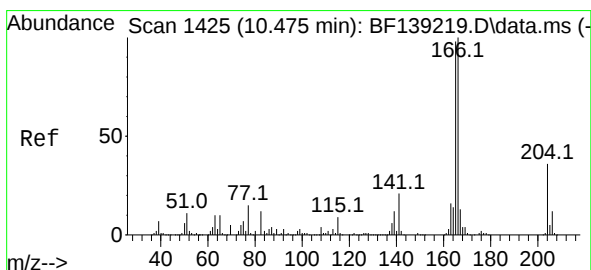
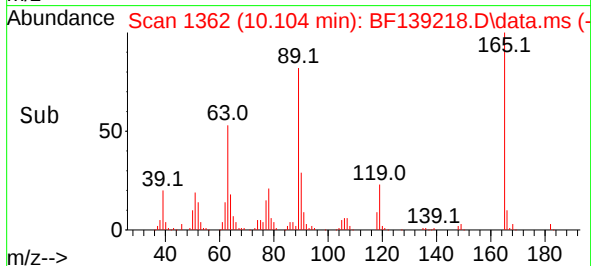
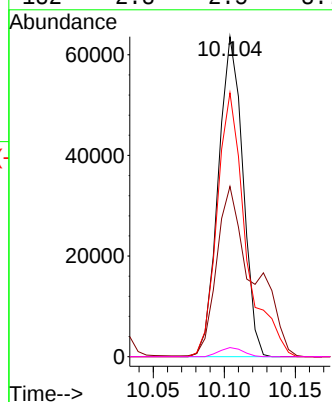
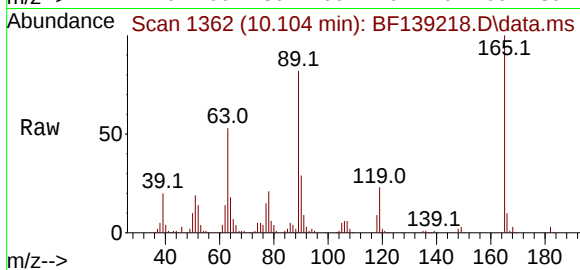
Ion Ratio Lower Upper

165 100

63 53.2 42.2 63.4

89 82.4 64.7 97.1

182 2.8 2.5 3.7



#58

Fluorene

Concen: 21.086 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

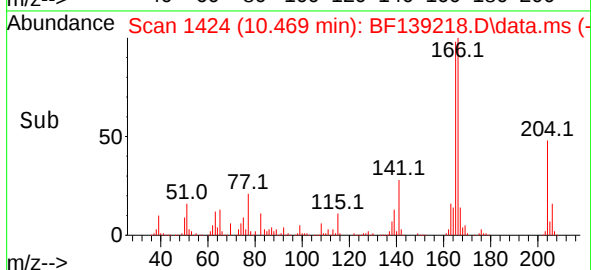
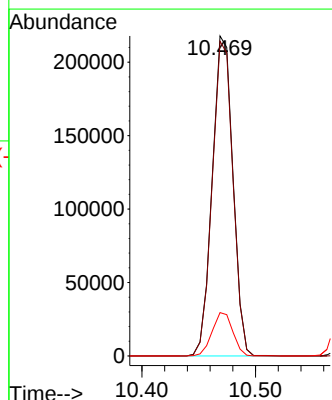
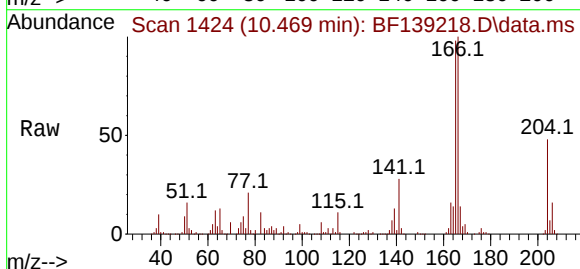
Tgt Ion:166 Resp: 275852

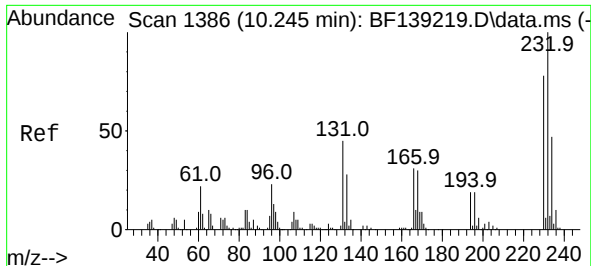
Ion Ratio Lower Upper

166 100

165 98.3 78.0 117.0

167 13.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 20.932 ng

RT: 10.245 min Scan# 1386

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion:232 Resp: 71781

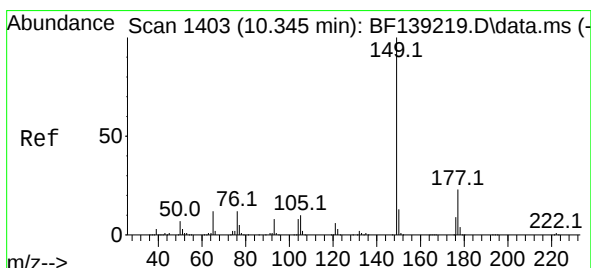
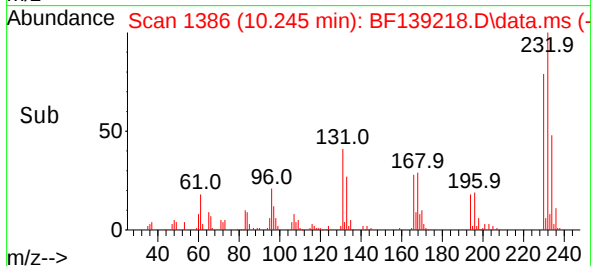
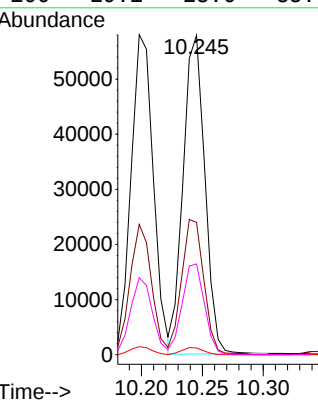
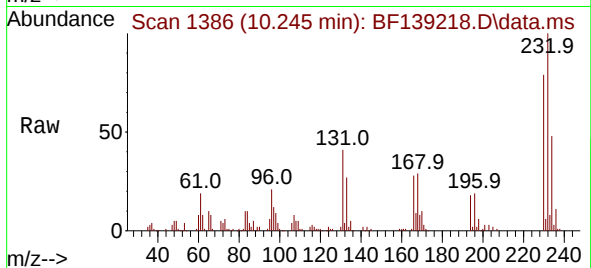
Ion Ratio Lower Upper

232 100

131 43.6 34.6 52.0

130 2.2 1.8 2.8

166 29.1 23.6 35.4



#60

Diethylphthalate

Concen: 21.043 ng

RT: 10.345 min Scan# 1403

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

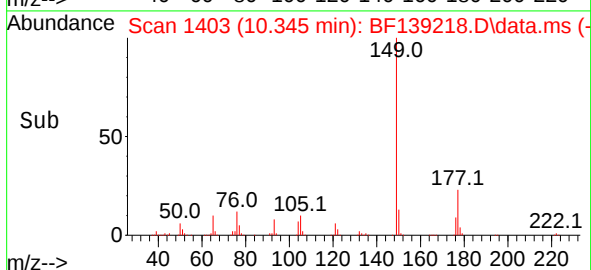
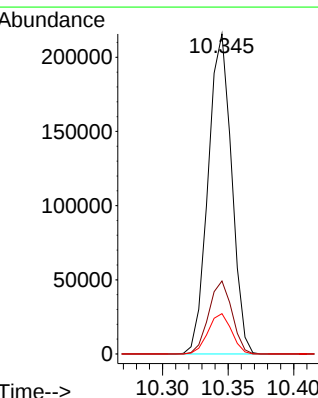
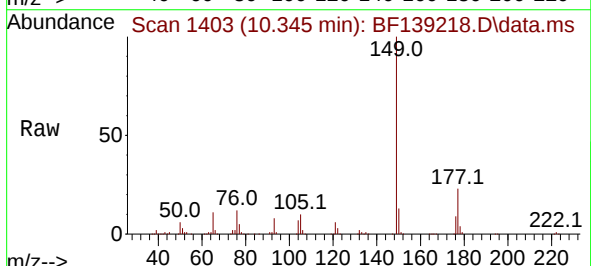
Tgt Ion:149 Resp: 267698

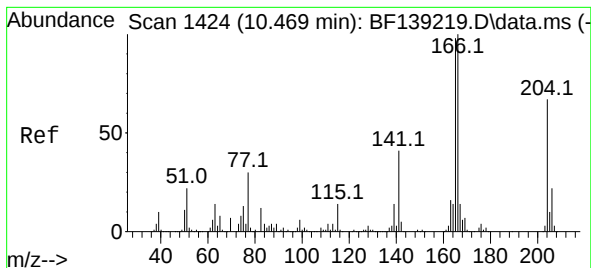
Ion Ratio Lower Upper

149 100

177 22.8 18.2 27.4

150 12.6 10.1 15.1

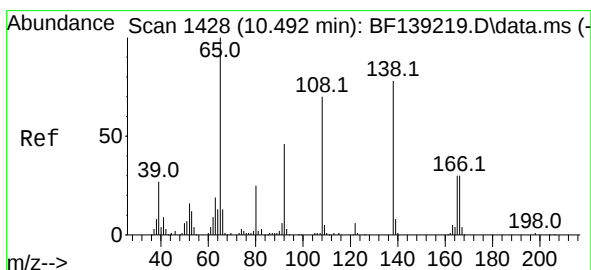
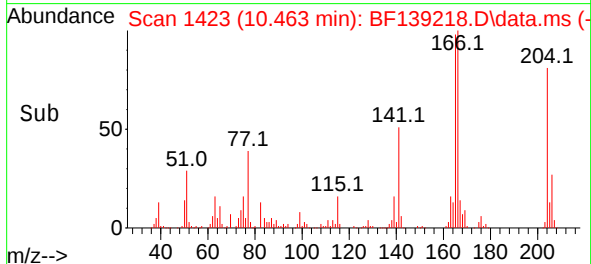
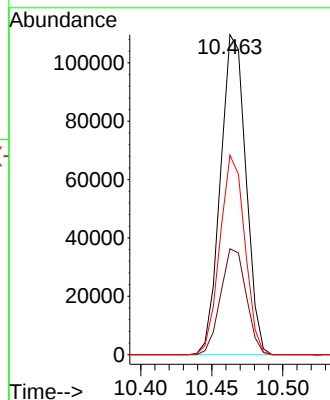
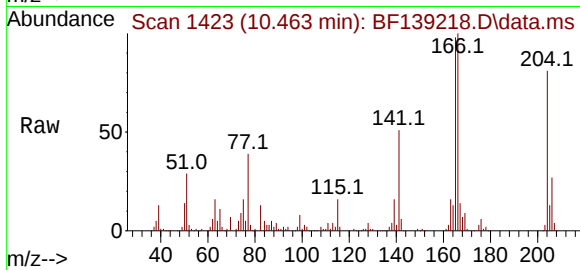




#61
4-Chlorophenyl-phenylether
Concen: 20.783 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

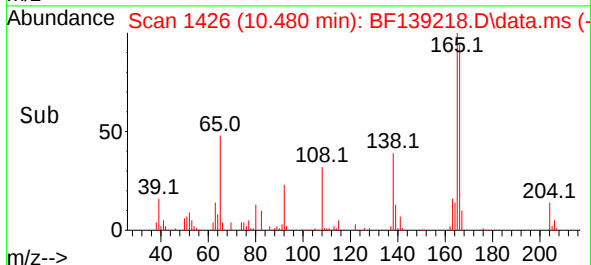
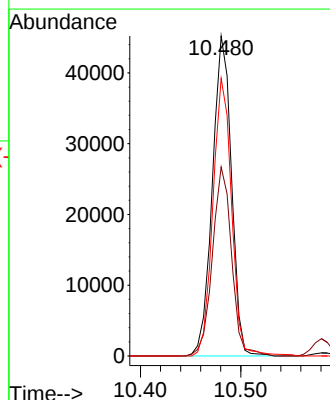
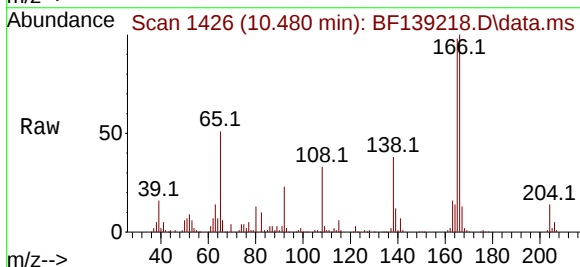
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

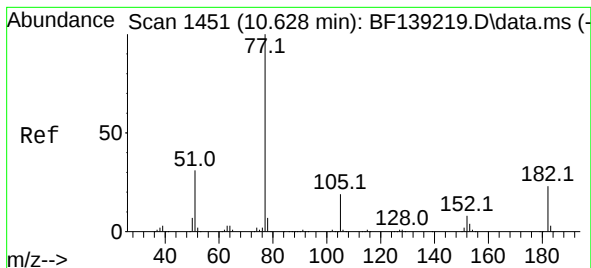
Tgt Ion:204 Resp: 136419
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 62.3 49.1 73.7



#62
4-Nitroaniline
Concen: 21.480 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Tgt Ion:138 Resp: 59767
Ion Ratio Lower Upper
138 100
92 59.1 38.5 78.5
108 86.8 69.5 109.5





#63

Azobenzene

Concen: 20.865 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 77 Resp: 292555

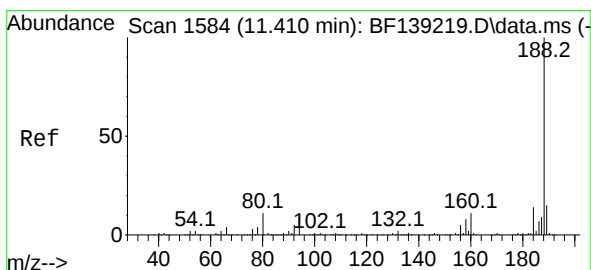
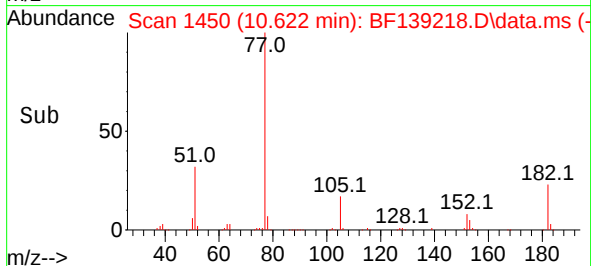
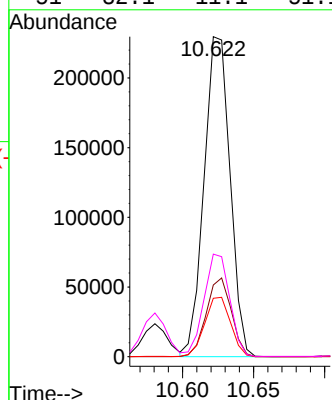
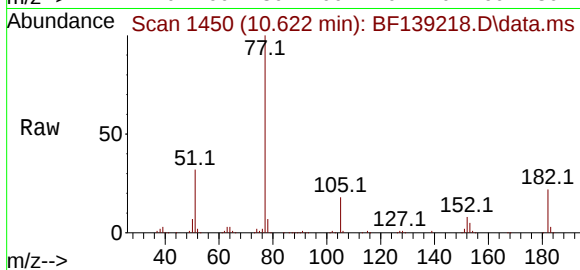
Ion Ratio Lower Upper

77 100

182 22.4 3.2 43.2

105 18.3 0.0 38.8

51 32.1 11.1 51.1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

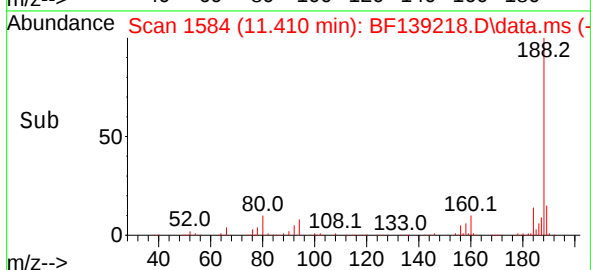
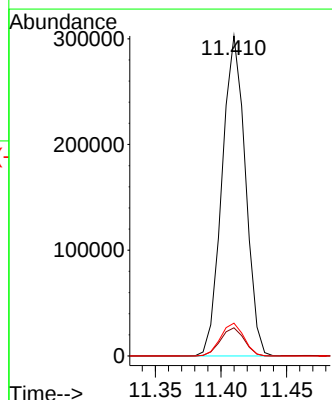
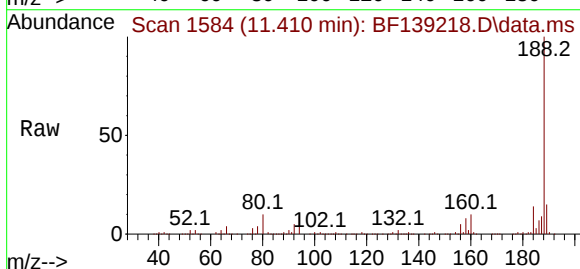
Tgt Ion:188 Resp: 375013

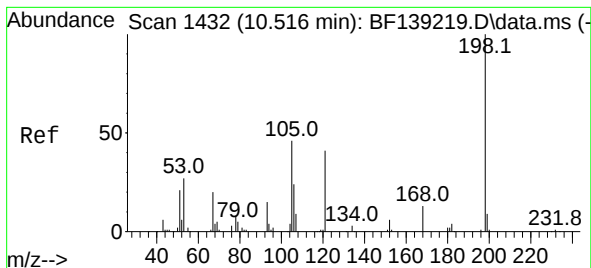
Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 10.3 8.6 12.8

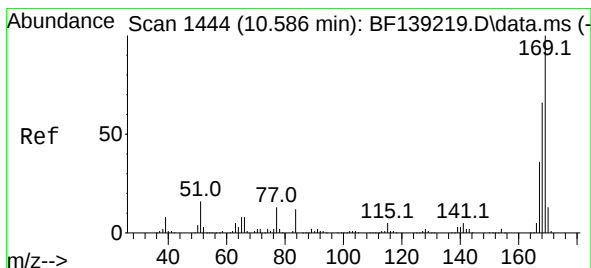
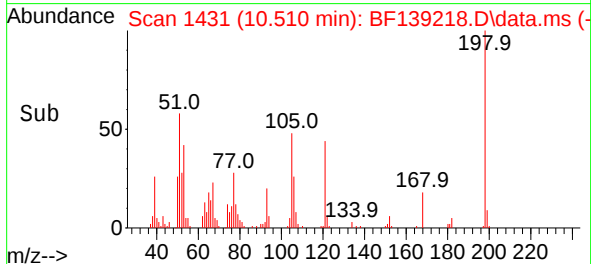
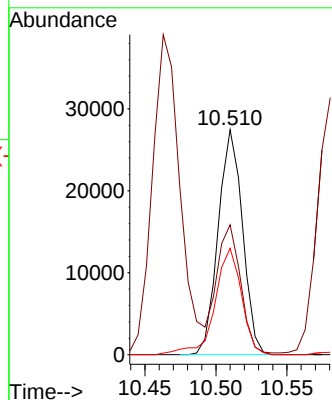
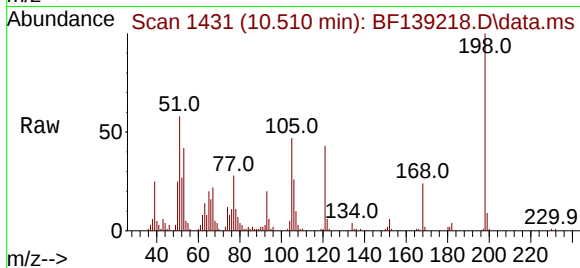




#65
4,6-Dinitro-2-methylphenol
Concen: 17.626 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

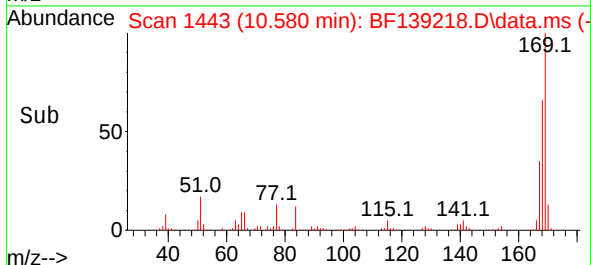
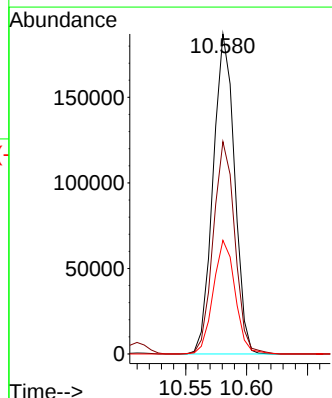
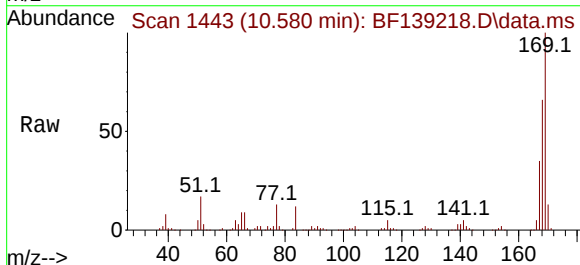
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

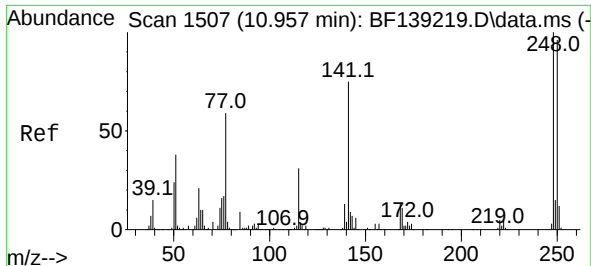
Tgt Ion:198 Resp: 32653
Ion Ratio Lower Upper
198 100
51 57.7 34.4 74.4
105 47.3 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 20.526 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Tgt Ion:169 Resp: 228625
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 35.5 28.6 42.8





#67

4-Bromophenyl-phenylether

Concen: 20.528 ng

RT: 10.957 min Scan# 1507

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

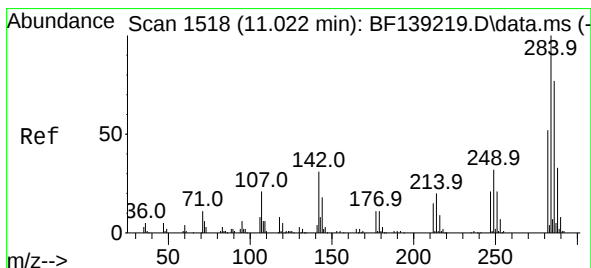
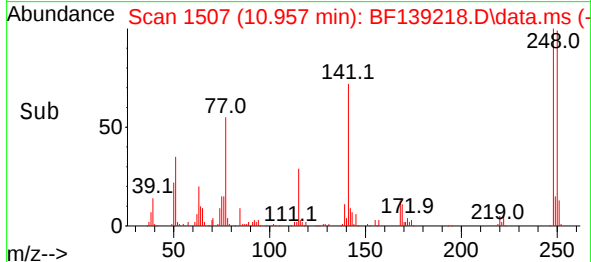
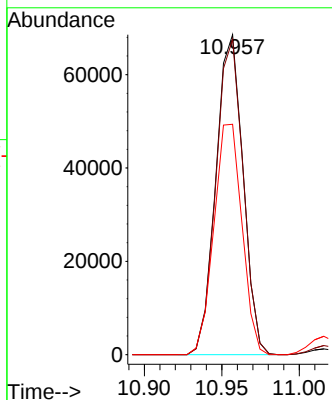
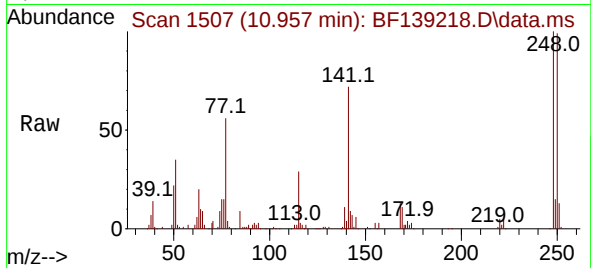
Tgt Ion:248 Resp: 83667

Ion Ratio Lower Upper

248 100

250 98.6 77.1 115.7

141 72.0 60.0 90.0



#68

Hexachlorobenzene

Concen: 21.070 ng

RT: 11.016 min Scan# 1517

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

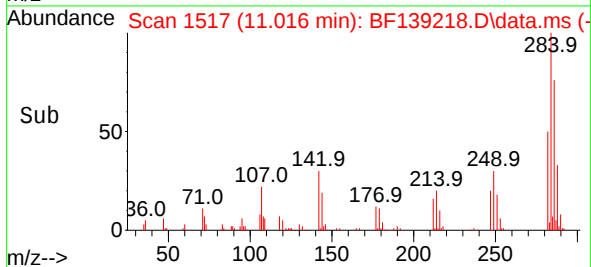
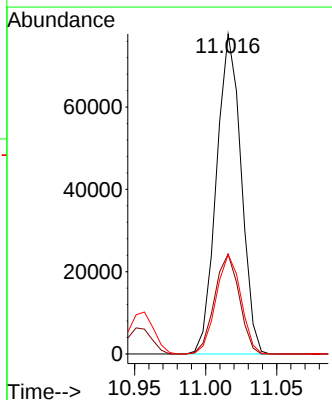
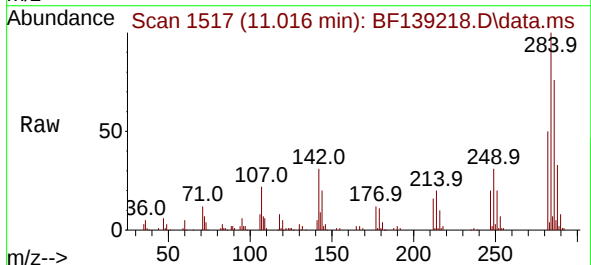
Tgt Ion:284 Resp: 93925

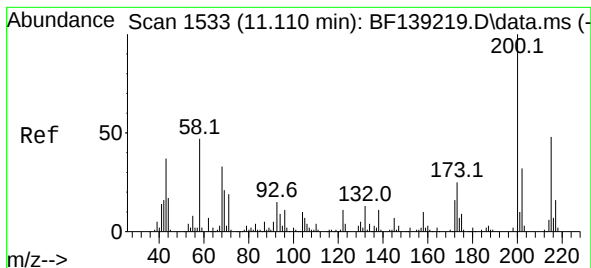
Ion Ratio Lower Upper

284 100

142 31.2 24.7 37.1

249 31.1 25.8 38.6





#69

Atrazine

Concen: 22.122 ng

RT: 11.104 min Scan# 1532

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

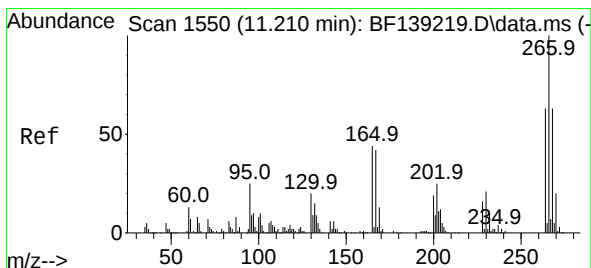
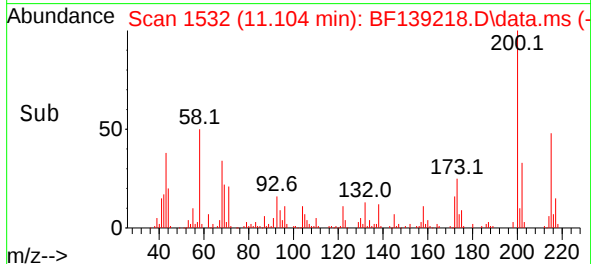
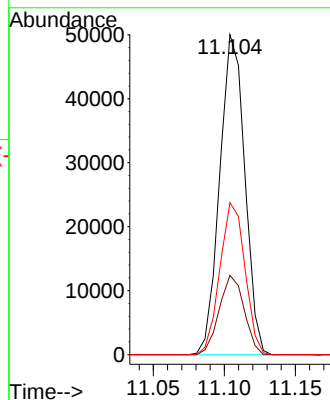
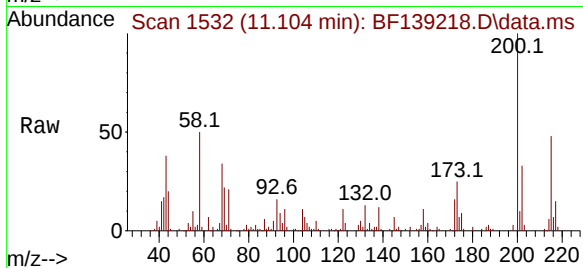
Tgt Ion:200 Resp: 61286

Ion Ratio Lower Upper

200 100

173 24.8 4.7 44.7

215 47.5 28.1 68.1



#70

Pentachlorophenol

Concen: 20.641 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

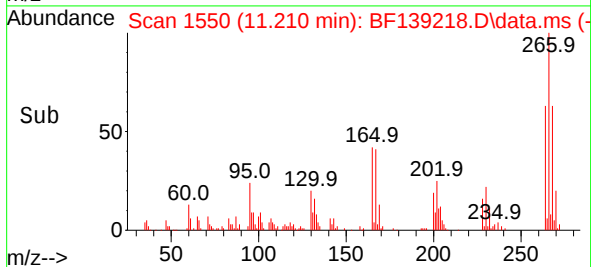
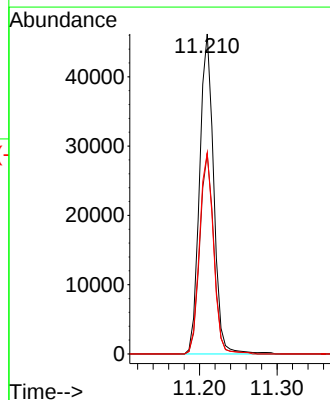
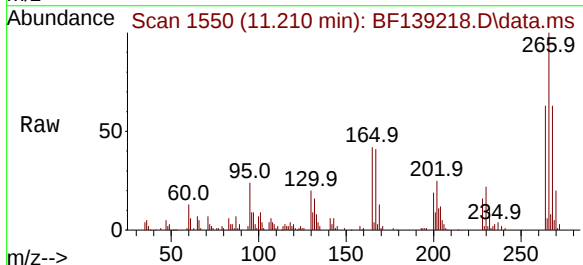
Tgt Ion:266 Resp: 58221

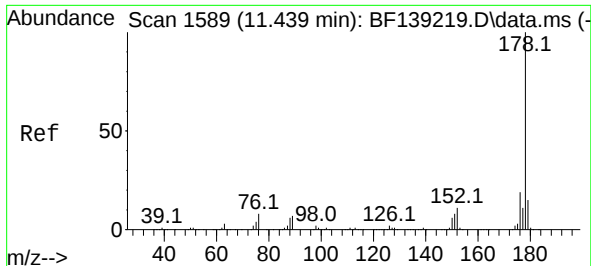
Ion Ratio Lower Upper

266 100

268 62.5 50.1 75.1

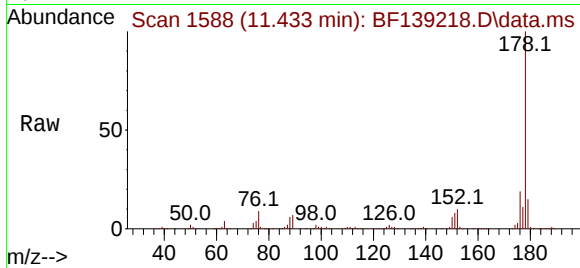
264 62.8 50.2 75.4



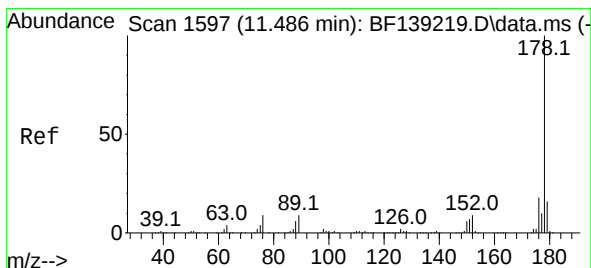
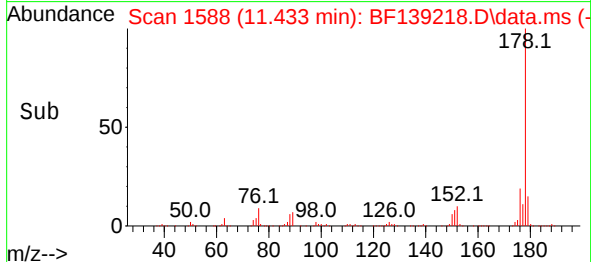
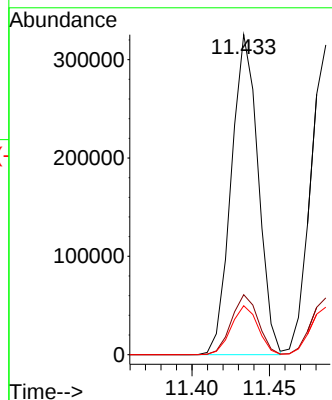


#71
Phenanthrene
Concen: 20.819 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

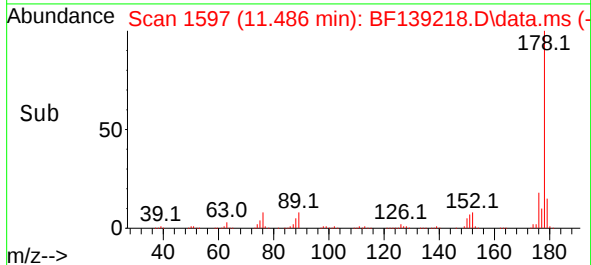
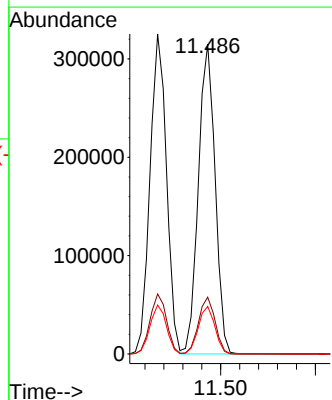
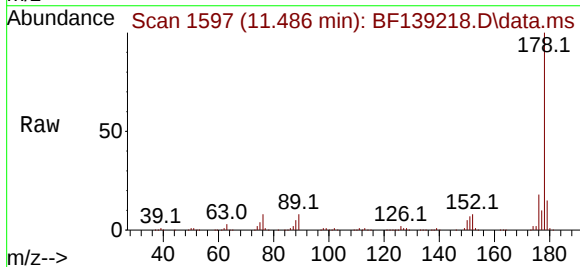


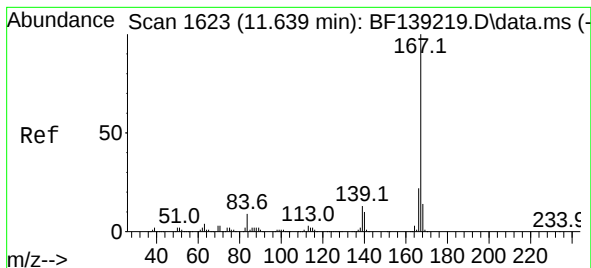
Tgt Ion:178 Resp: 392685
Ion Ratio Lower Upper
178 100
176 18.7 15.3 22.9
179 15.3 12.3 18.5



#72
Anthracene
Concen: 21.012 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Tgt Ion:178 Resp: 386873
Ion Ratio Lower Upper
178 100
176 18.3 14.7 22.1
179 15.3 12.4 18.6





#73

Carbazole

Concen: 21.130 ng

RT: 11.639 min Scan# 1623

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

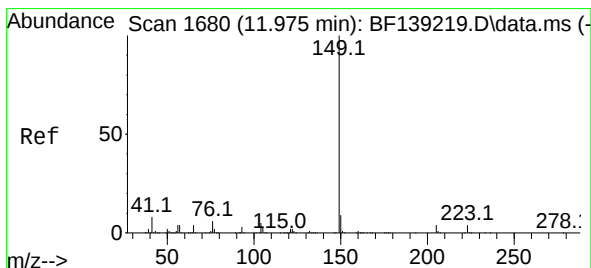
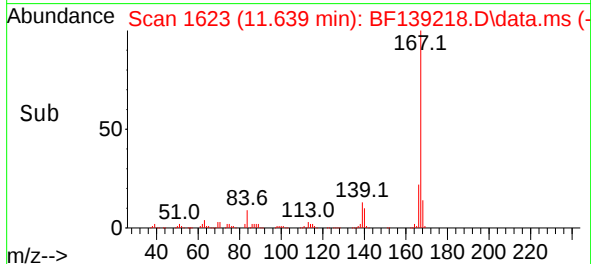
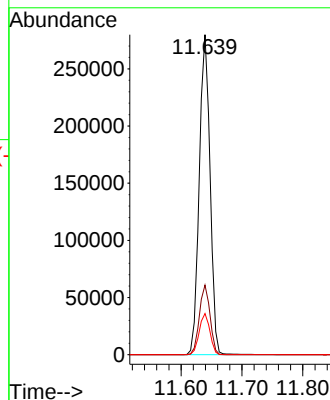
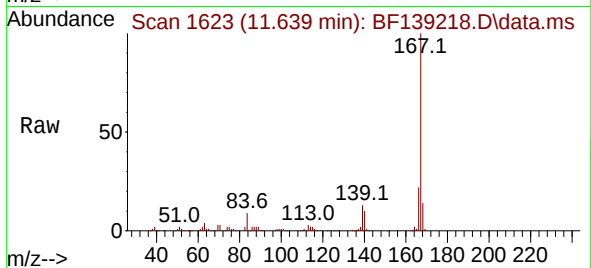
Tgt Ion:167 Resp: 343253

Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 12.9 10.4 15.6



#74

Di-n-butylphthalate

Concen: 21.347 ng

RT: 11.975 min Scan# 1680

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

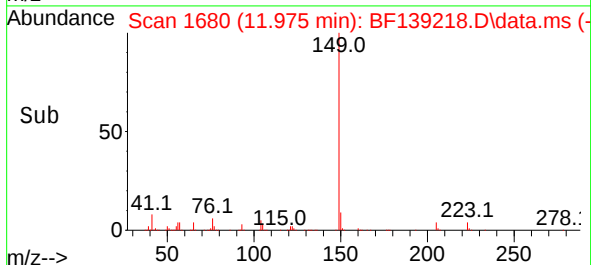
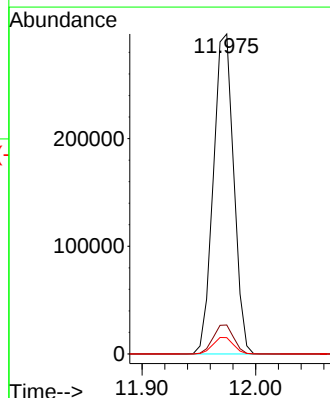
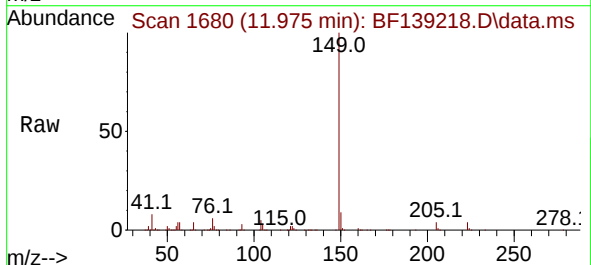
Tgt Ion:149 Resp: 370758

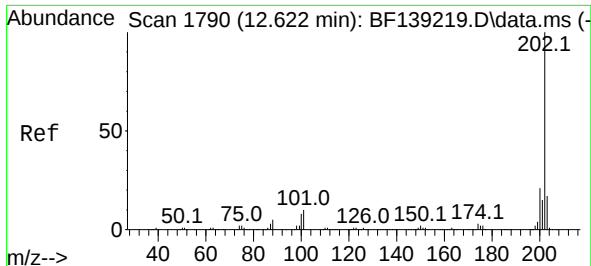
Ion Ratio Lower Upper

149 100

150 9.1 7.3 10.9

104 5.1 4.2 6.2

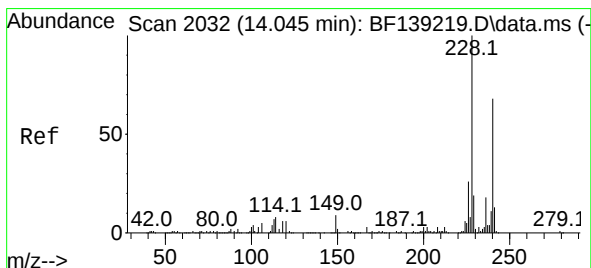
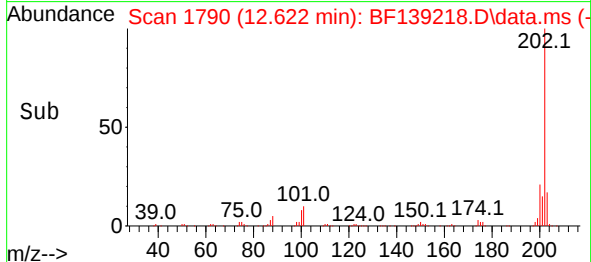
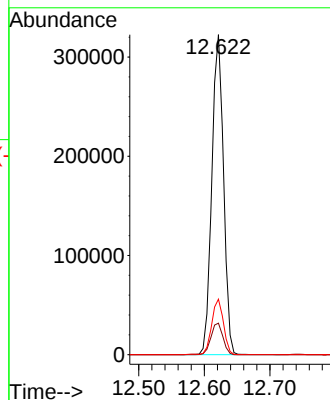
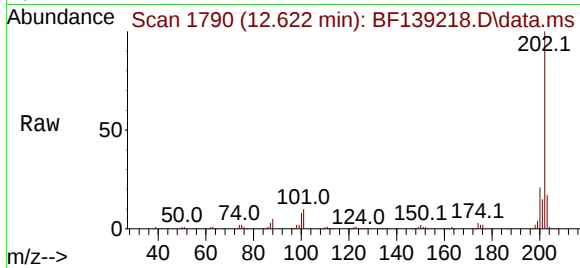




#75
Fluoranthene
Concen: 21.559 ng
RT: 12.622 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

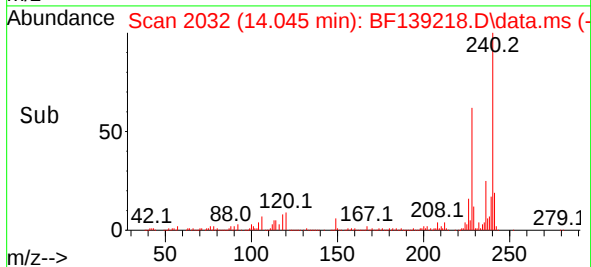
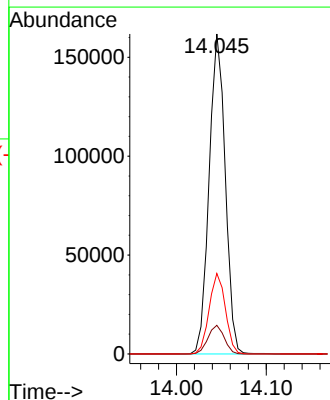
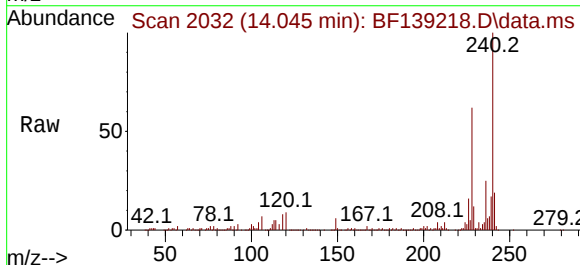
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

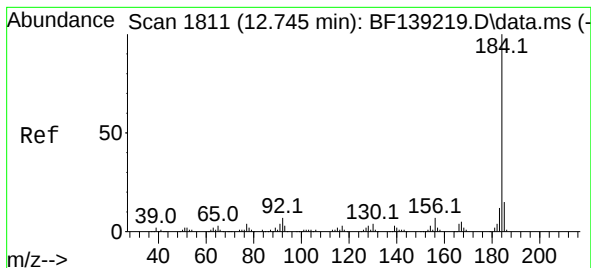
Tgt Ion:202 Resp: 400347
Ion Ratio Lower Upper
202 100
101 9.9 0.0 30.2
203 17.4 0.0 37.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Tgt Ion:240 Resp: 201642
Ion Ratio Lower Upper
240 100
120 8.9 7.4 11.2
236 25.1 20.9 31.3





#77

Benzidine

Concen: 20.698 ng

RT: 12.745 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

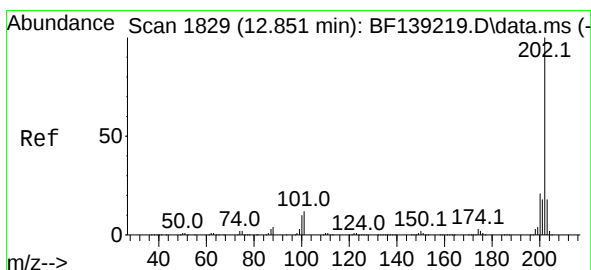
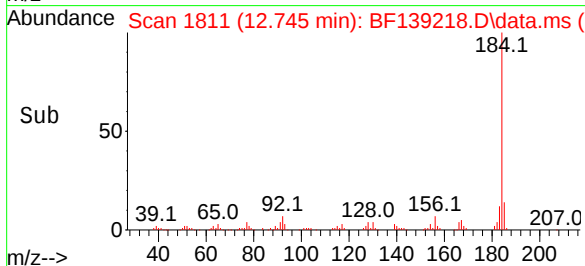
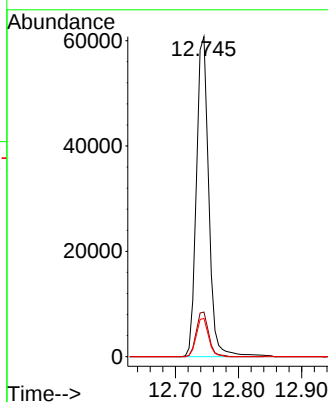
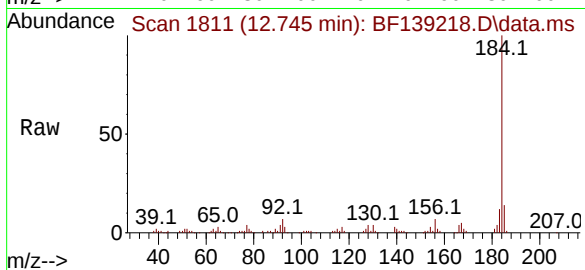
Tgt Ion:184 Resp: 82481

Ion Ratio Lower Upper

184 100

185 13.9 12.0 18.0

183 11.9 9.5 14.3



#78

Pyrene

Concen: 20.758 ng

RT: 12.851 min Scan# 1829

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

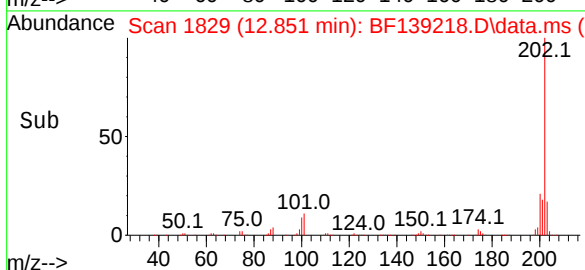
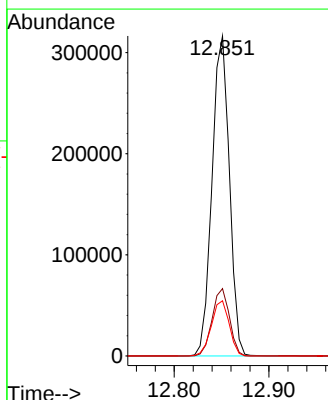
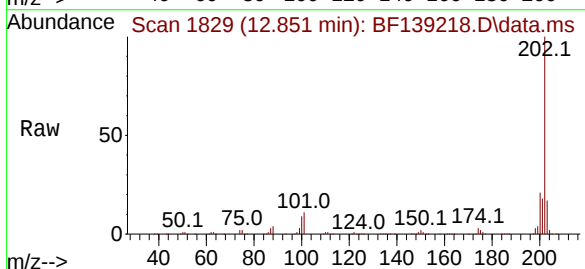
Tgt Ion:202 Resp: 402220

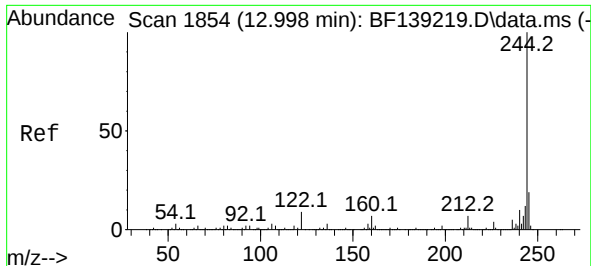
Ion Ratio Lower Upper

202 100

200 21.1 17.0 25.6

203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 42.077 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

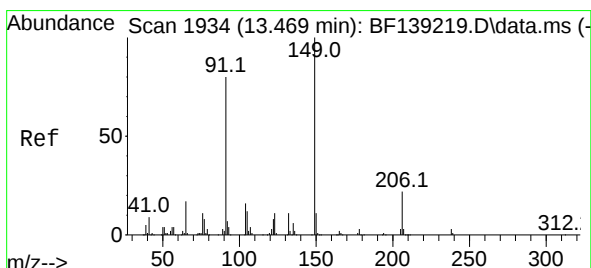
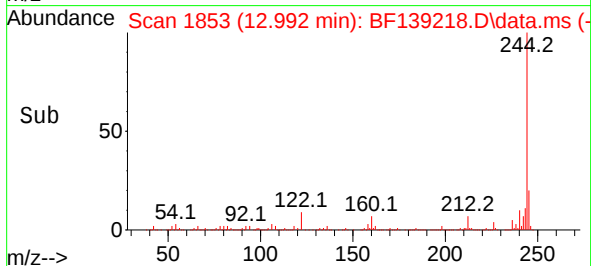
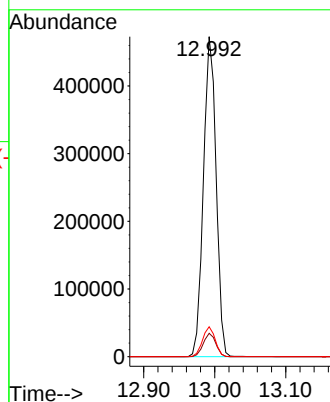
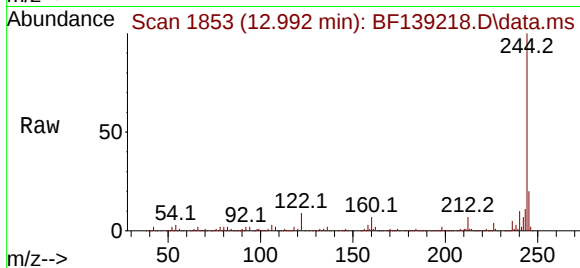
Tgt Ion:244 Resp: 588607

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 9.3 7.4 11.2



#80

Butylbenzylphthalate

Concen: 20.664 ng

RT: 13.469 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

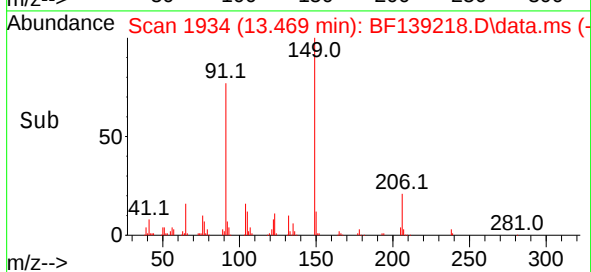
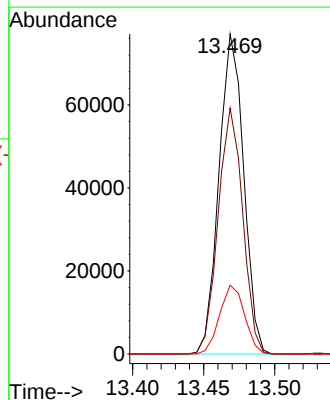
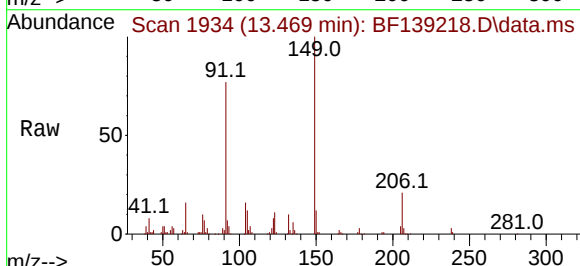
Tgt Ion:149 Resp: 93311

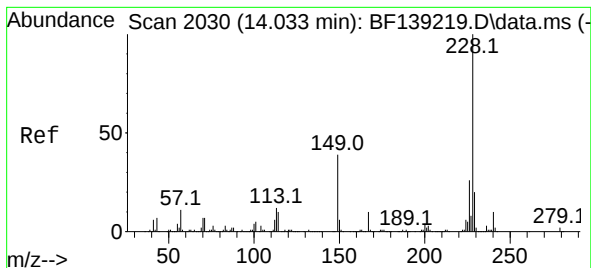
Ion Ratio Lower Upper

149 100

91 76.8 64.0 96.0

206 21.5 17.8 26.6





#81

Benzo(a)anthracene

Concen: 20.622 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

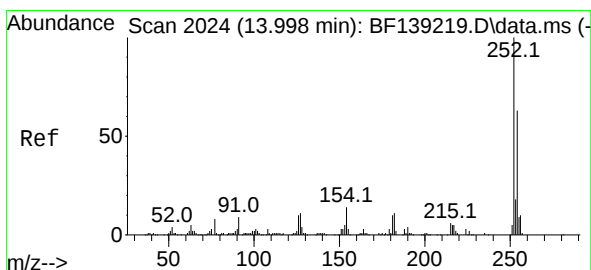
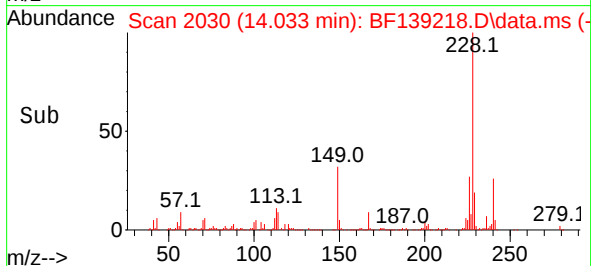
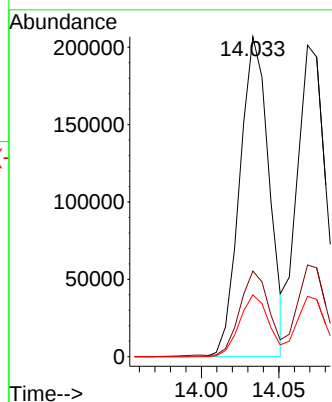
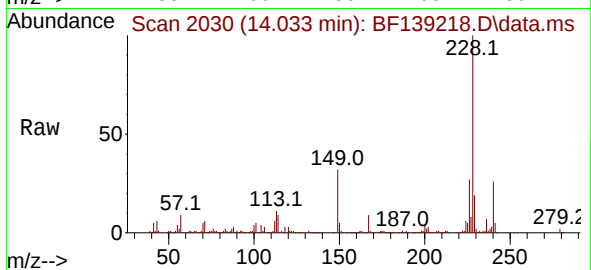
Tgt Ion:228 Resp: 272343

Ion Ratio Lower Upper

228 100

226 26.7 21.2 31.8

229 19.3 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 19.786 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

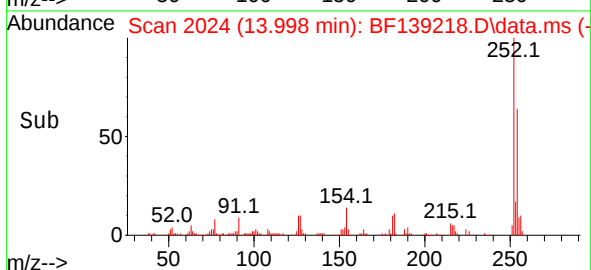
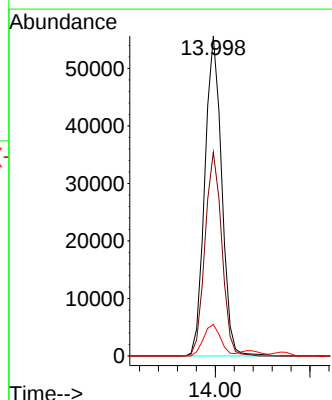
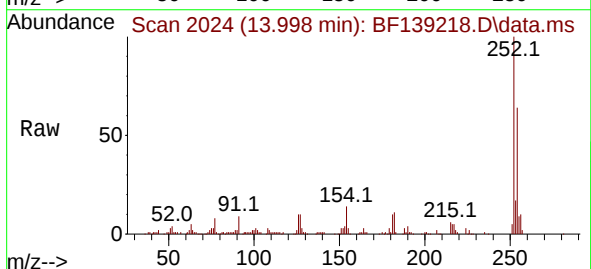
Tgt Ion:252 Resp: 68610

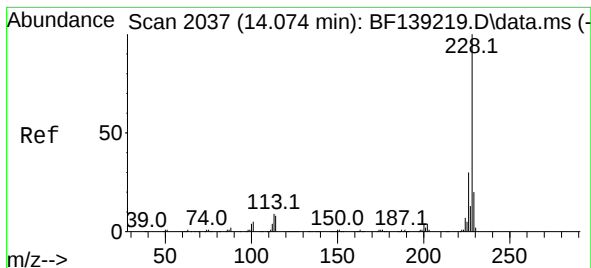
Ion Ratio Lower Upper

252 100

254 63.7 50.6 76.0

126 9.9 8.3 12.5





#83

Chrysene

Concen: 20.970 ng

RT: 14.068 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

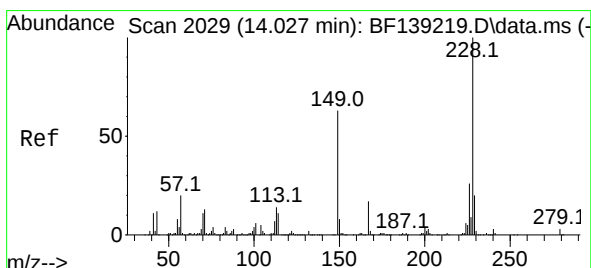
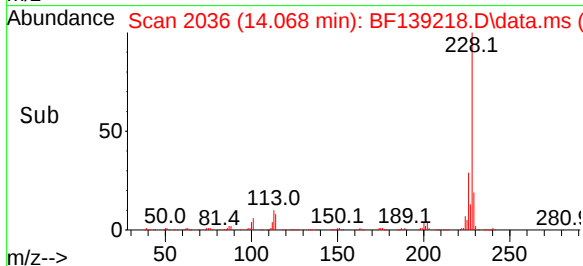
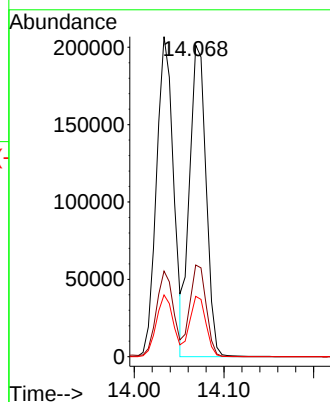
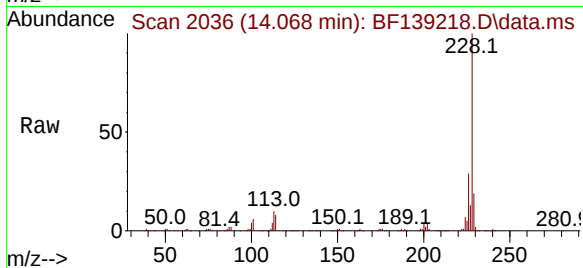
Tgt Ion:228 Resp: 257770

Ion Ratio Lower Upper

228 100

226 29.4 24.1 36.1

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 19.360 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

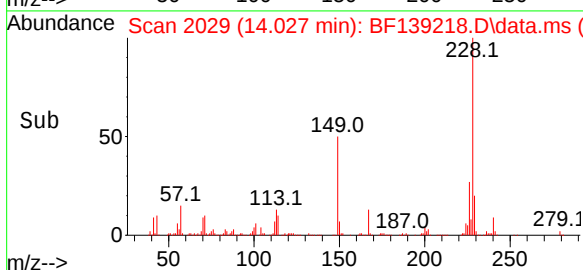
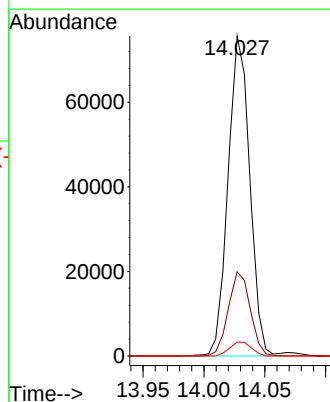
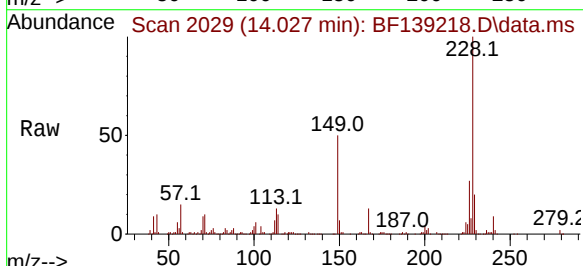
Tgt Ion:149 Resp: 94051

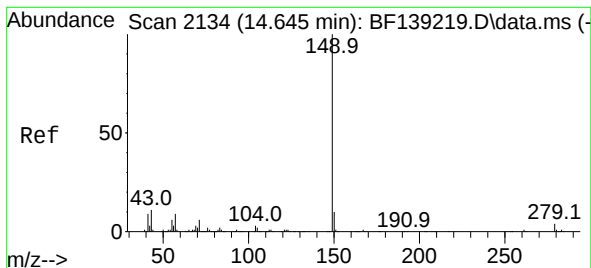
Ion Ratio Lower Upper

149 100

167 26.3 21.0 31.6

279 4.4 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 17.604 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF139218.D

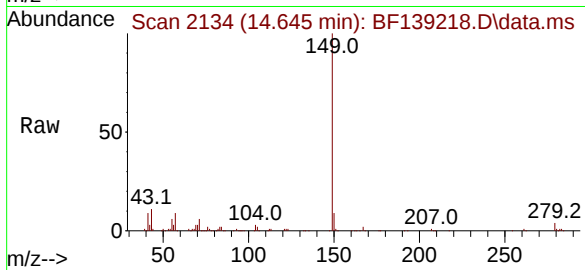
Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020



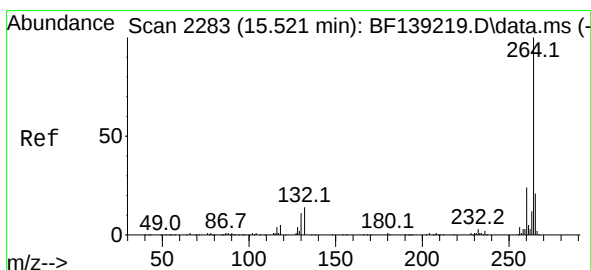
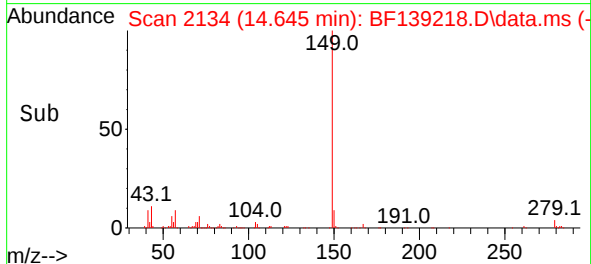
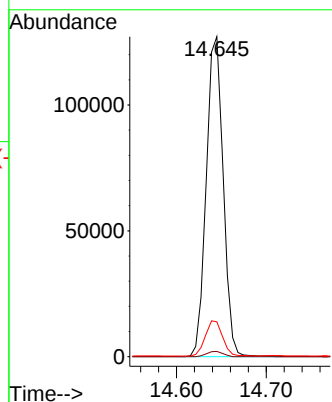
Tgt Ion:149 Resp: 166748

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 11.3 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

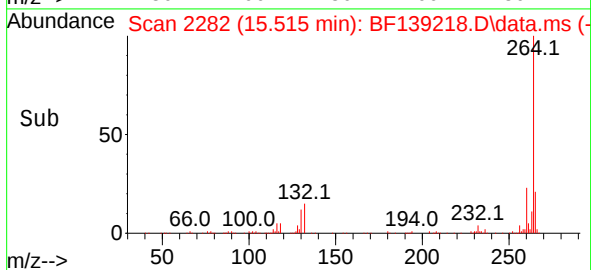
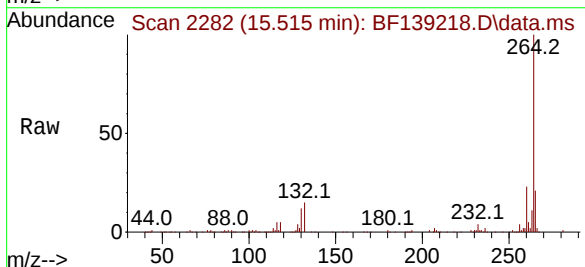
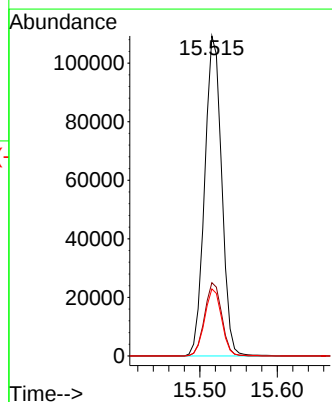
Tgt Ion:264 Resp: 166291

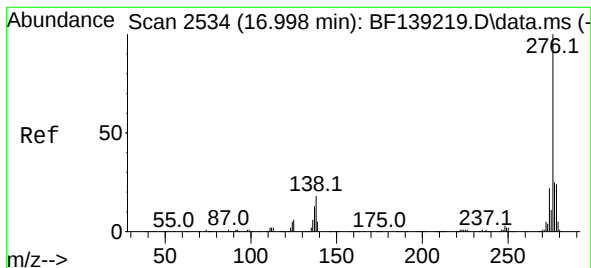
Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 21.0 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 20.594 ng

RT: 16.992 min Scan# 2533

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

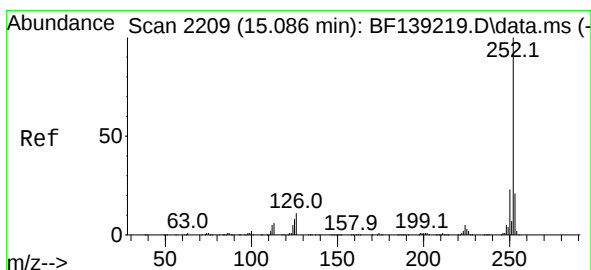
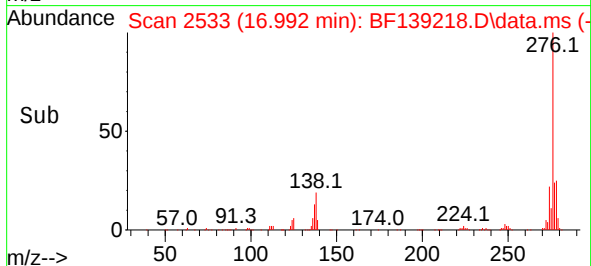
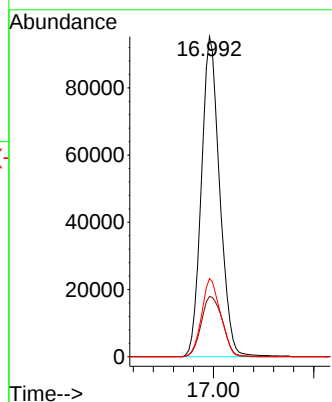
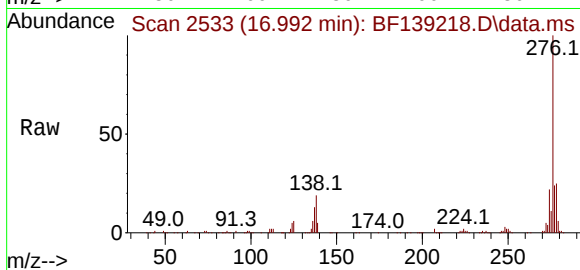
Tgt Ion:276 Resp: 241462

Ion Ratio Lower Upper

276 100

138 21.7 17.0 25.6

277 25.3 20.6 31.0



#88

Benzo(b)fluoranthene

Concen: 19.750 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

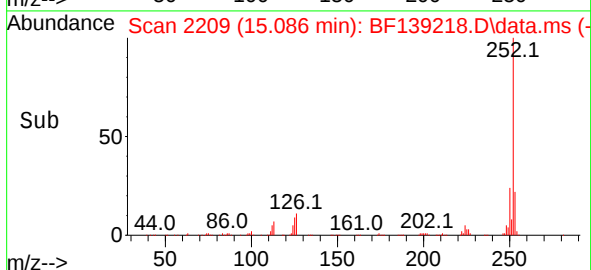
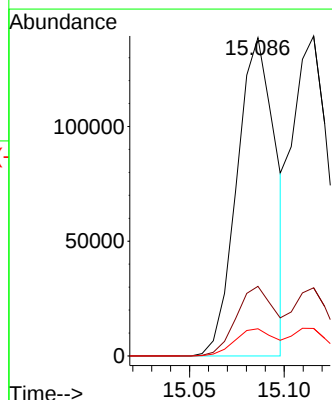
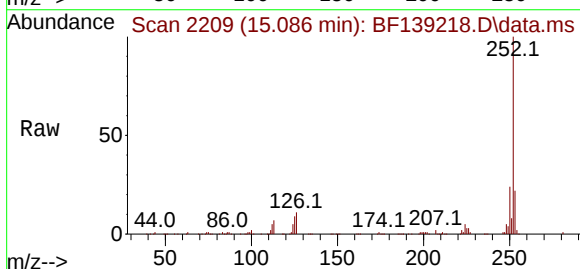
Tgt Ion:252 Resp: 196706

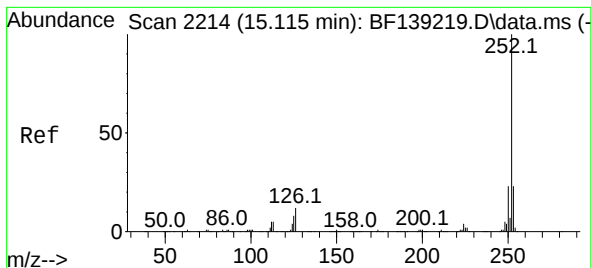
Ion Ratio Lower Upper

252 100

253 21.9 17.0 25.6

125 8.6 6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 21.633 ng

RT: 15.115 min Scan# 2214

Delta R.T. 0.000 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

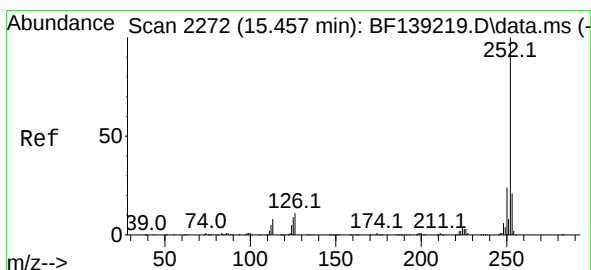
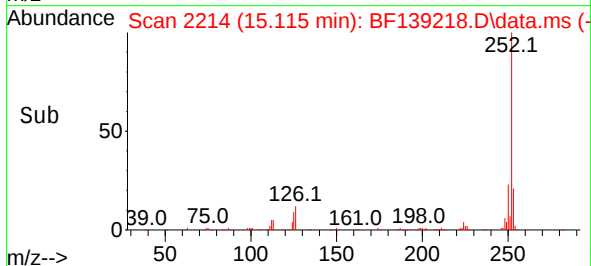
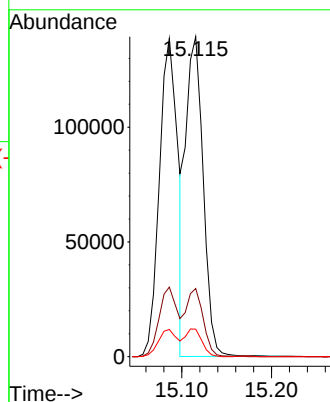
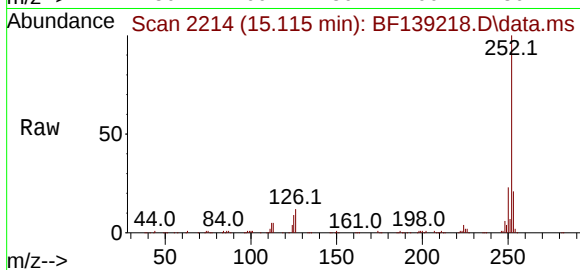
Tgt Ion:252 Resp: 187886

Ion Ratio Lower Upper

252 100

253 21.3 17.5 26.3

125 8.6 6.8 10.2



#90

Benzo(a)pyrene

Concen: 20.367 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.006 min

Lab File: BF139218.D

Acq: 29 Aug 2024 12:46

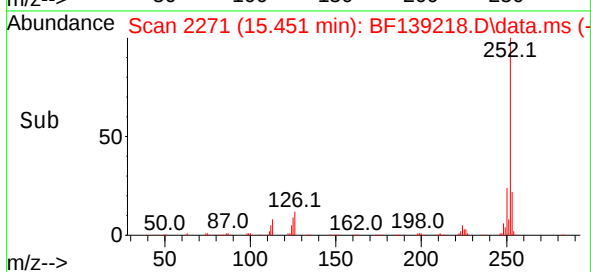
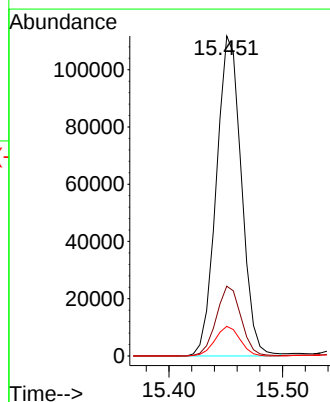
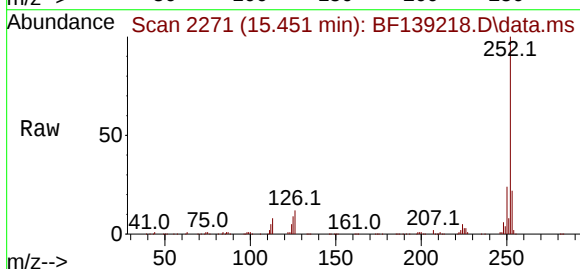
Tgt Ion:252 Resp: 171046

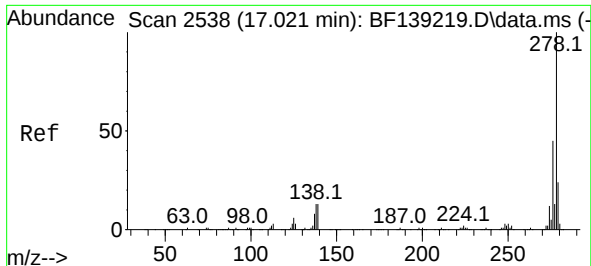
Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.3 7.4 11.2

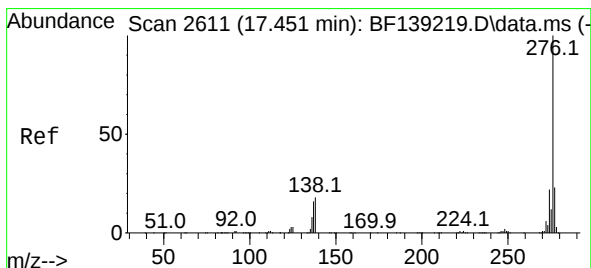
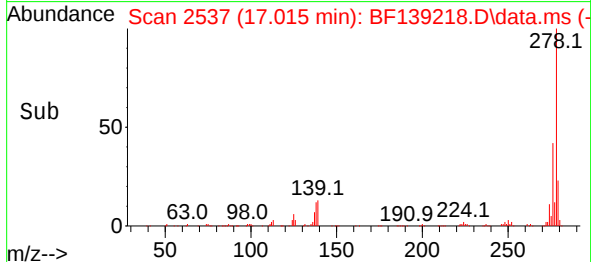
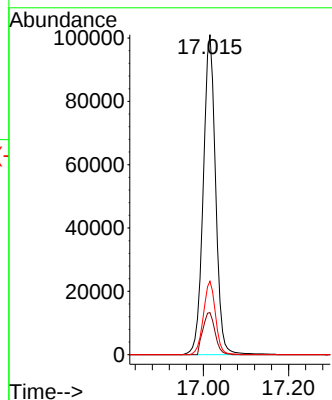
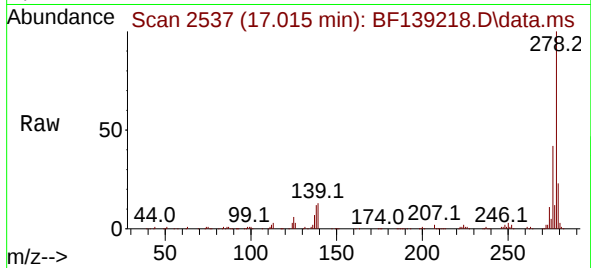




#91
Dibenzo(a,h)anthracene
Concen: 20.807 ng
RT: 17.015 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 203017
Ion Ratio Lower Upper
278 100
139 13.1 10.8 16.2
279 22.9 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 20.715 ng
RT: 17.439 min Scan# 2609
Delta R.T. -0.012 min
Lab File: BF139218.D
Acq: 29 Aug 2024 12:46

Tgt Ion:276 Resp: 203708
Ion Ratio Lower Upper
276 100
277 23.9 18.6 27.8
138 18.3 14.5 21.7

