

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082924\
 Data File : BF139221.D
 Acq On : 29 Aug 2024 14:15
 Operator : RC/JU
 Sample : SSTDICC060
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Quant Time: Aug 29 15:35:22 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	6.893	152	97855	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	357080	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	201422	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	342050	20.000	ng	0.00
76) Chrysene-d12	14.045	240	160256	20.000	ng	0.00
86) Perylene-d12	15.516	264	172715	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	722399	118.343	ng	0.00
7) Phenol-d6	6.522	99	954861	117.918	ng	0.00
23) Nitrobenzene-d5	7.457	82	901440	121.353	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	246318	121.913	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1456170	112.565	ng	0.00
79) Terphenyl-d14	12.992	244	1325188	119.196	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	159770	59.842	ng	99
3) Pyridine	3.428	79	403182	59.365	ng	99
4) n-Nitrosodimethylamine	3.393	42	224636	61.197	ng	100
6) Aniline	6.551	93	433960	58.181	ng	# 85
8) 2-Chlorophenol	6.675	128	361000	58.854	ng	97
9) Benzaldehyde	6.440	77	277298	53.699	ng	99
10) Phenol	6.534	94	499727	59.020	ng	95
11) bis(2-Chloroethyl)ether	6.628	93	369420	59.154	ng	99
12) 1,3-Dichlorobenzene	6.834	146	422664	58.211	ng	99
13) 1,4-Dichlorobenzene	6.910	146	428208	58.368	ng	100
14) 1,2-Dichlorobenzene	7.063	146	394780	57.487	ng	98
15) Benzyl Alcohol	7.034	79	372763	59.110	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	519636	58.578	ng	99
17) 2-Methylphenol	7.140	107	305787	59.039	ng	97
18) Hexachloroethane	7.404	117	150938	59.404	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	289944	57.544	ng	100
20) 3+4-Methylphenols	7.298	107	388850	57.928	ng	96
22) Acetophenone	7.304	105	525390	57.836	ng	99
24) Nitrobenzene	7.475	77	470261	60.535	ng	98
25) Isophorone	7.716	82	760407	59.064	ng	99
26) 2-Nitrophenol	7.787	139	184738	66.432	ng	98
27) 2,4-Dimethylphenol	7.822	122	243641	59.716	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	440704	58.793	ng	99
29) 2,4-Dichlorophenol	8.028	162	312750	59.589	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	351539	58.367	ng	100
31) Naphthalene	8.198	128	1056031	57.676	ng	100
32) Benzoic acid	7.951	122	240798	66.440	ng	99
33) 4-Chloroaniline	8.245	127	364846	58.129	ng	100
34) Hexachlorobutadiene	8.310	225	233198	58.737	ng	99
35) Caprolactam	8.622	113	92401	59.098	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	338059	58.675	ng	100
37) 2-Methylnaphthalene	8.887	142	666677	57.792	ng	100
38) 1-Methylnaphthalene	8.987	142	656202	57.677	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	350699	58.583	ng	99
41) Hexachlorocyclopentadiene	9.034	237	133338	63.593	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	235372	61.815	ng	99

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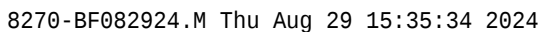
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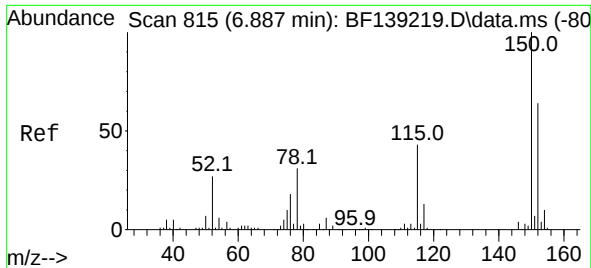
Quant Time: Aug 29 15:35:22 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	234003	57.104	ng	98
46) 1,1'-Biphenyl	9.351	154	835481	57.874	ng	99
47) 2-Chloronaphthalene	9.375	162	660470	57.637	ng	99
48) 2-Nitroaniline	9.469	65	222069	62.934	ng	99
49) Acenaphthylene	9.792	152	943212	57.906	ng	100
50) Dimethylphthalate	9.651	163	734498	58.236	ng	100
51) 2,6-Dinitrotoluene	9.710	165	171991	63.096	ng	97
52) Acenaphthene	9.963	154	646521	59.448	ng	99
53) 3-Nitroaniline	9.881	138	166568	62.035	ng	96
54) 2,4-Dinitrophenol	9.981	184	86071	61.189	ng	88
55) Dibenzofuran	10.134	168	898269	57.343	ng	100
56) 4-Nitrophenol	10.034	139	130074	63.355	ng	99
57) 2,4-Dinitrotoluene	10.116	165	220978	64.354	ng	98
58) Fluorene	10.475	166	705386	56.902	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	191845	59.038	ng	98
60) Diethylphthalate	10.351	149	702507	58.277	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	356795	57.362	ng	99
62) 4-Nitroaniline	10.498	138	160960	61.048	ng	98
63) Azobenzene	10.628	77	772111	58.112	ng	100
65) 4,6-Dinitro-2-methylph...	10.522	198	118007	69.841	ng	97
66) n-Nitrosodiphenylamine	10.586	169	595538	58.620	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	219896	59.153	ng	99
68) Hexachlorobenzene	11.022	284	238654	58.696	ng	99
69) Atrazine	11.110	200	114692	45.389	ng	100
70) Pentachlorophenol	11.210	266	161803	62.891	ng	99
71) Phenanthrene	11.439	178	990142	57.552	ng	100
72) Anthracene	11.486	178	968742	57.685	ng	100
73) Carbazole	11.639	167	848667	57.278	ng	99
74) Di-n-butylphthalate	11.975	149	926539	58.488	ng	99
75) Fluoranthene	12.622	202	944319	55.753	ng	99
77) Benzidine	12.745	184	197889	62.482	ng	99
78) Pyrene	12.851	202	930877	60.447	ng	100
80) Butylbenzylphthalate	13.469	149	225930	62.955	ng	98
81) Benzo(a)anthracene	14.033	228	606632	57.798	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	173387	62.913	ng	98
83) Chrysene	14.075	228	581064	59.477	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	252203	65.322	ng	99
85) Di-n-octyl phthalate	14.639	149	497149	66.040	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	749702	61.563	ng	100
88) Benzo(b)fluoranthene	15.086	252	622767	60.202	ng	99
89) Benzo(k)fluoranthene	15.116	252	500731	55.510	ng	99
90) Benzo(a)pyrene	15.457	252	526322	60.340	ng	99
91) Dibenzo(a,h)anthracene	17.027	278	619014	61.083	ng	100
92) Benzo(g,h,i)perylene	17.457	276	628534	61.538	ng	99

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

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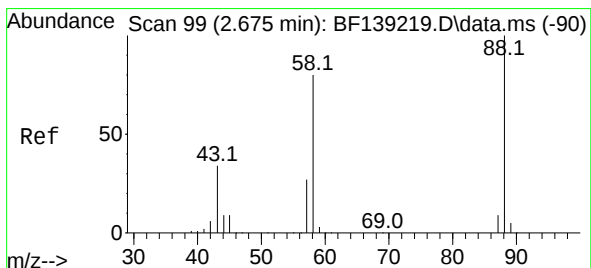
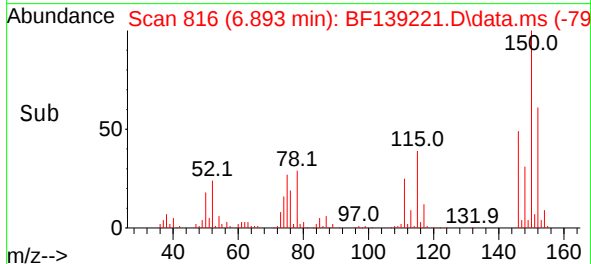
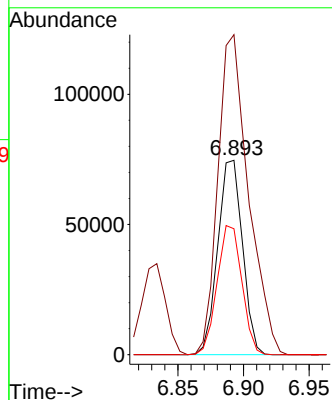
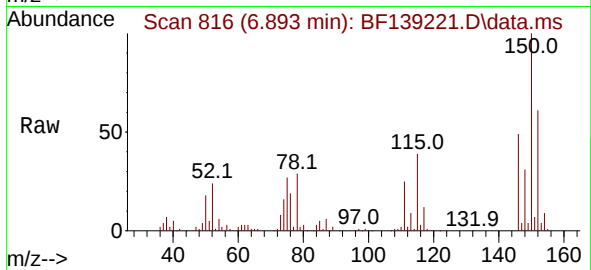




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.893 min Scan# 81
 Delta R.T. 0.006 min
 Lab File: BF139221.D
 Acq: 29 Aug 2024 14:15

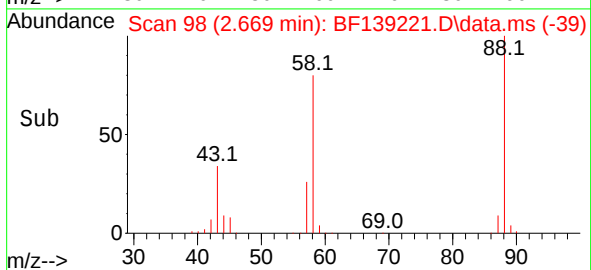
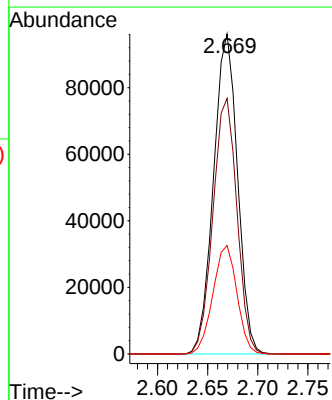
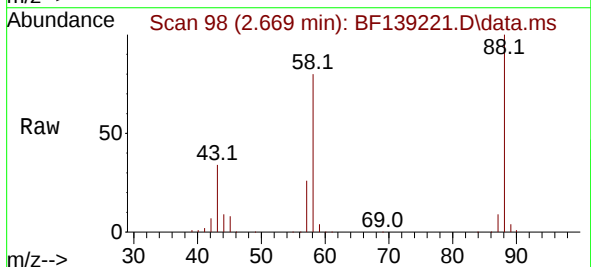
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 SSTDICC060

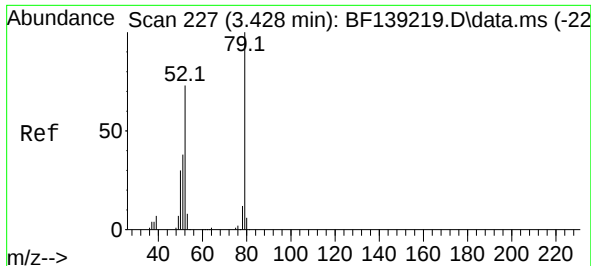
Tgt Ion:152 Resp: 97855
 Ion Ratio Lower Upper
 152 100
 150 164.6 125.6 188.4
 115 64.7 54.2 81.4



#2
 1,4-Dioxane
 Concen: 59.842 ng
 RT: 2.669 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BF139221.D
 Acq: 29 Aug 2024 14:15

Tgt Ion: 88 Resp: 159770
 Ion Ratio Lower Upper
 88 100
 58 79.9 63.3 94.9
 43 34.0 27.1 40.7





#3

Pyridine

Concen: 59.365 ng

RT: 3.428 min Scan# 221

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

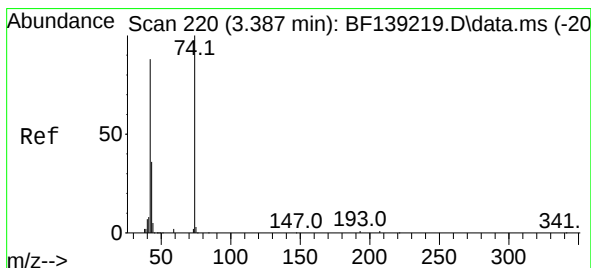
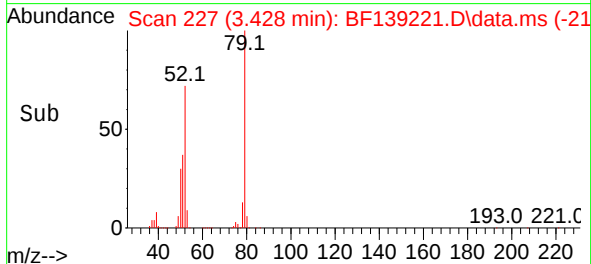
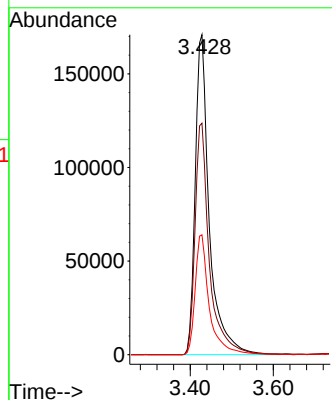
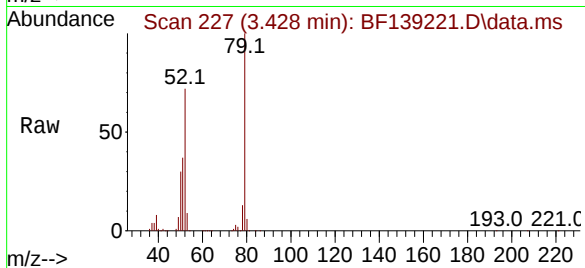
Tgt Ion: 79 Resp: 403182

Ion Ratio Lower Upper

79 100

52 72.4 58.6 87.8

51 37.4 30.6 46.0



#4

n-Nitrosodimethylamine

Concen: 61.197 ng

RT: 3.393 min Scan# 221

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

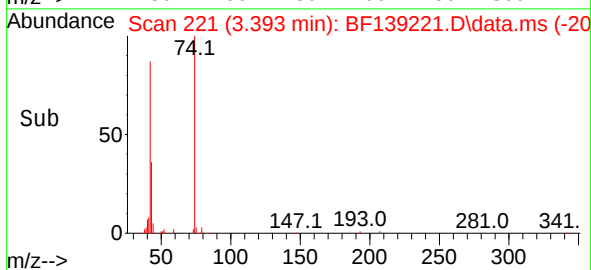
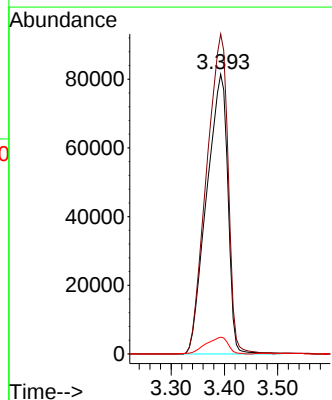
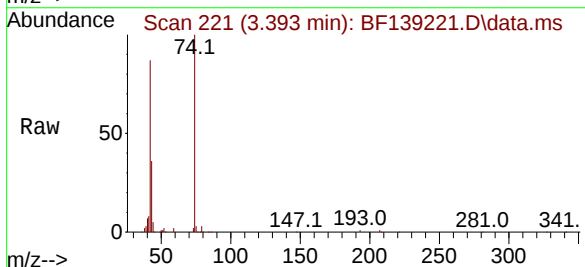
Tgt Ion: 42 Resp: 224636

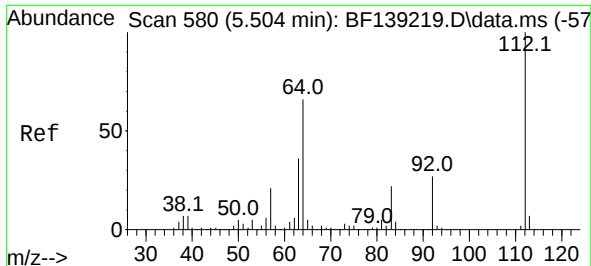
Ion Ratio Lower Upper

42 100

74 114.4 91.4 137.0

44 6.0 4.8 7.2

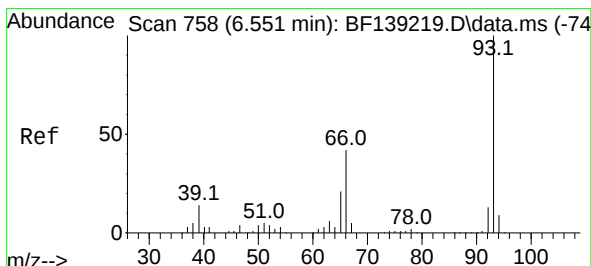
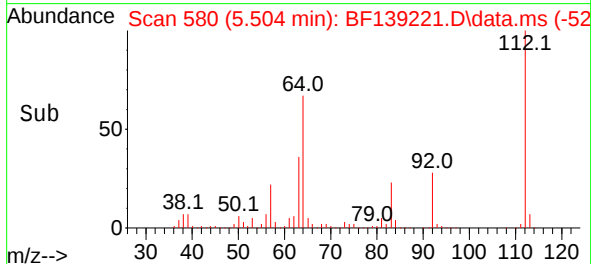
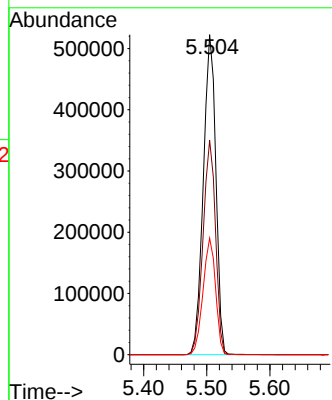
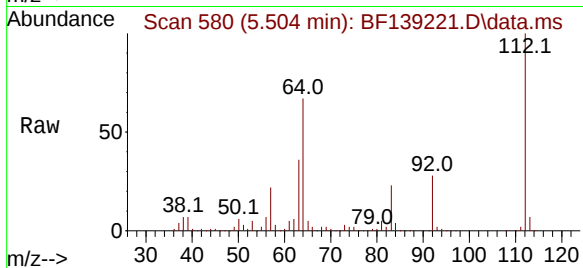




#5
2-Fluorophenol
Concen: 118.343 ng
RT: 5.504 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

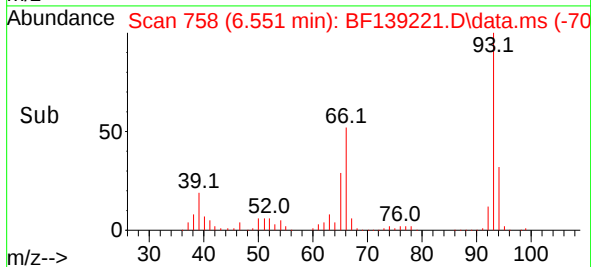
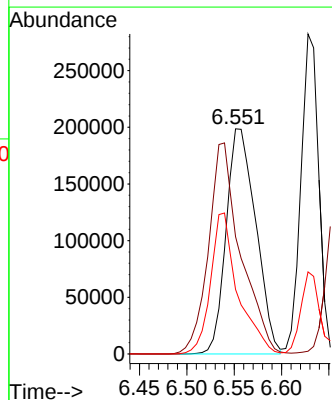
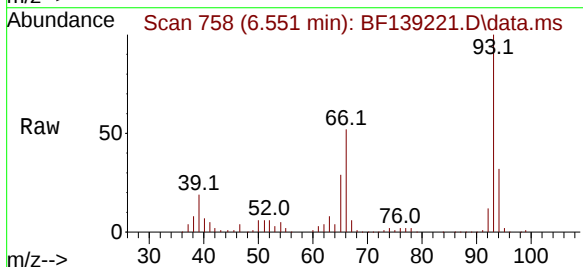
Instrument :
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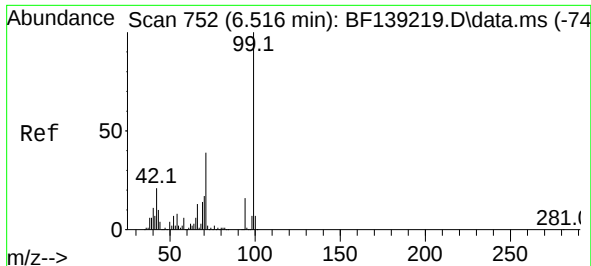
Tgt Ion:112 Resp: 722399
Ion Ratio Lower Upper
112 100
64 67.0 52.5 78.7
63 36.4 28.5 42.7



#6
Aniline
Concen: 58.181 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion: 93 Resp: 433960
Ion Ratio Lower Upper
93 100
66 52.1 34.2 51.4#
65 28.7 17.1 25.7#





#7

Phenol-d6

Concen: 117.918 ng

RT: 6.522 min Scan# 753

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

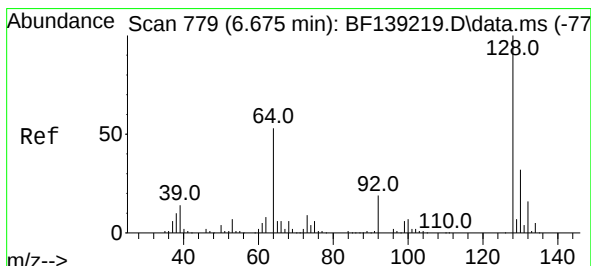
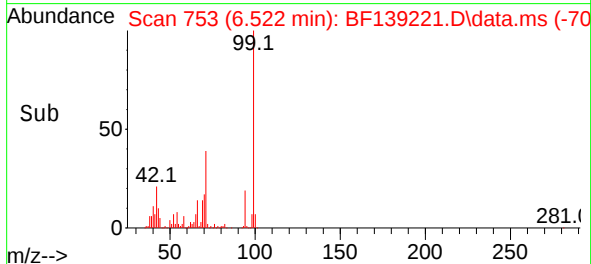
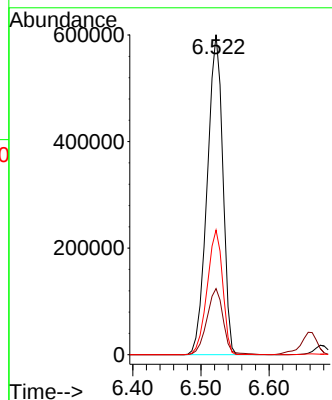
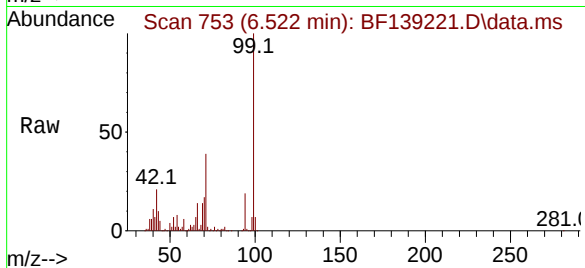
Tgt Ion: 99 Resp: 954861

Ion Ratio Lower Upper

99 100

42 20.7 16.8 25.2

71 39.0 31.3 46.9



#8

2-Chlorophenol

Concen: 58.854 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

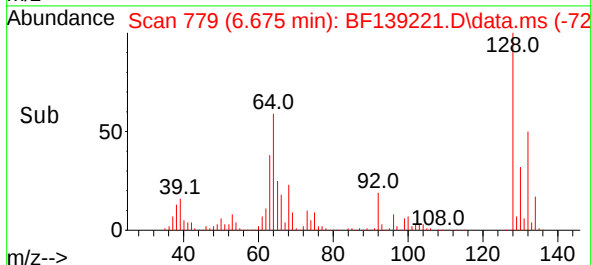
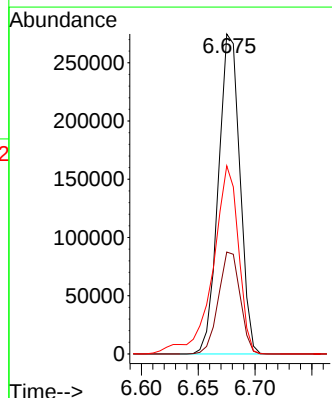
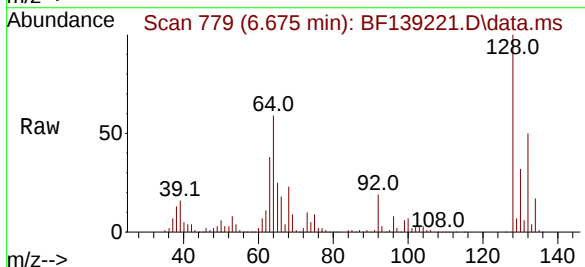
Tgt Ion: 128 Resp: 361000

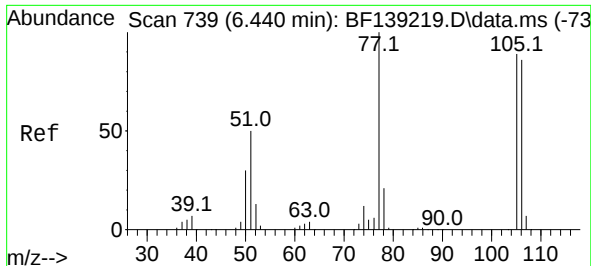
Ion Ratio Lower Upper

128 100

130 31.8 12.0 52.0

64 58.8 35.5 75.5





#9

Benzaldehyde

Concen: 53.699 ng

RT: 6.440 min Scan# 74

Delta R.T. -0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

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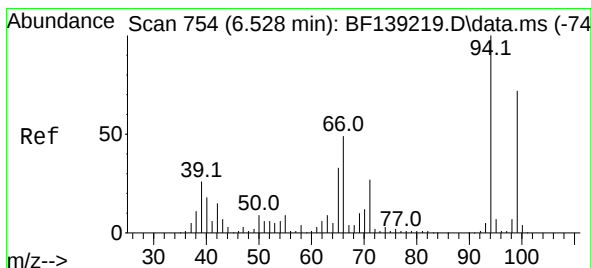
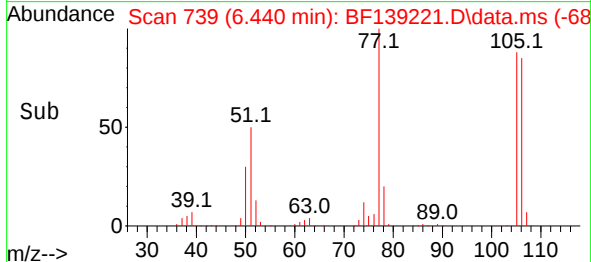
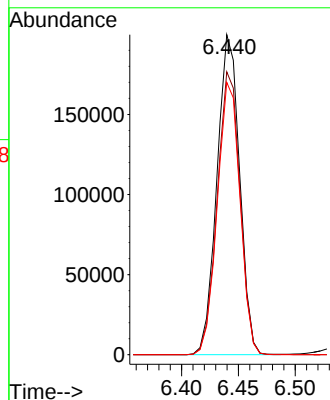
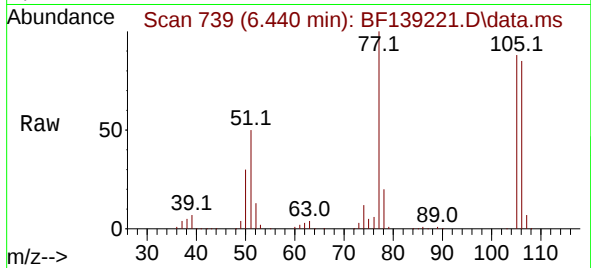
Tgt Ion: 77 Resp: 277298

Ion Ratio Lower Upper

77 100

105 88.4 69.3 109.3

106 85.1 65.8 105.8



#10

Phenol

Concen: 59.020 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

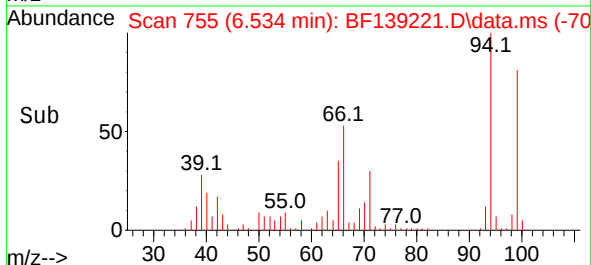
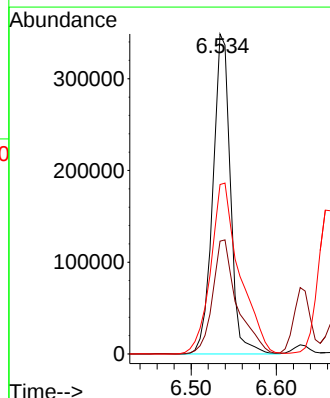
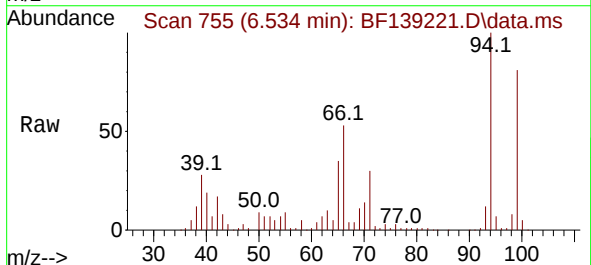
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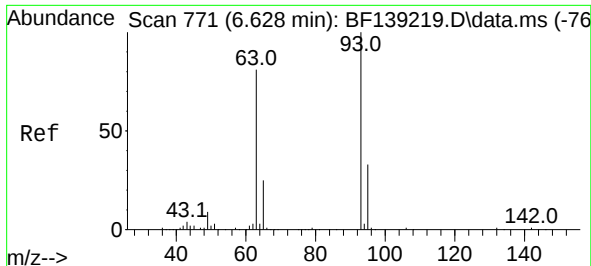
Ion Ratio Lower Upper

94 100

65 35.2 12.8 52.8

66 53.0 29.3 69.3

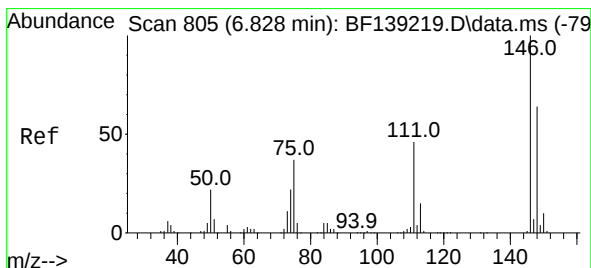
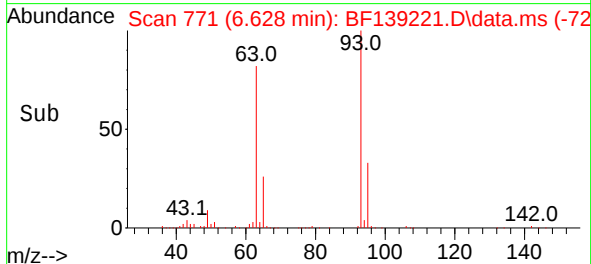
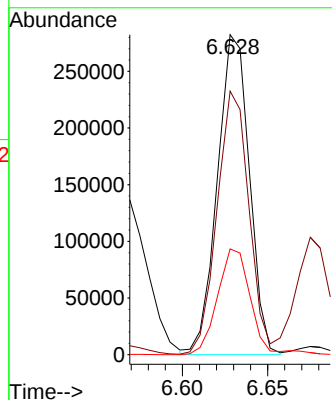
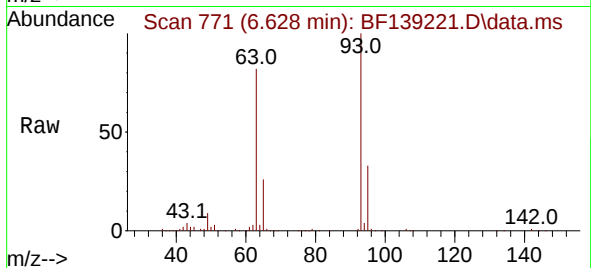




#11
bis(2-Chloroethyl)ether
Concen: 59.154 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

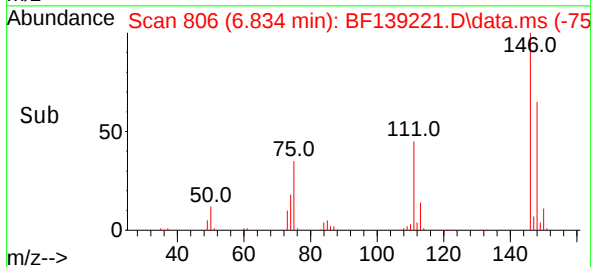
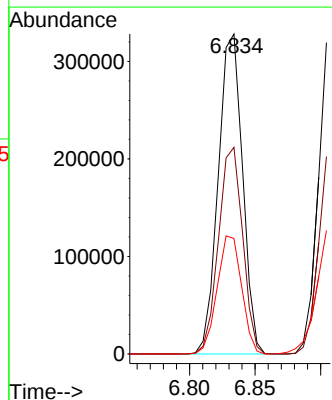
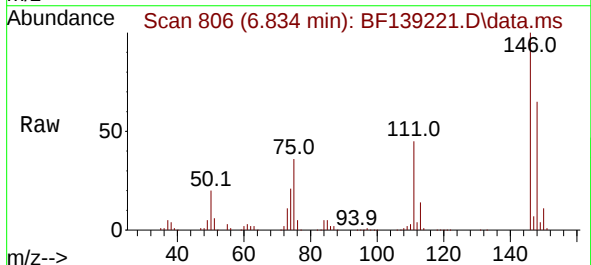
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

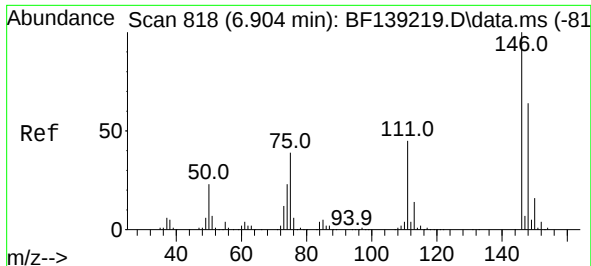
Tgt Ion: 93 Resp: 369420
Ion Ratio Lower Upper
93 100
63 82.3 60.8 100.8
95 33.1 12.7 52.7



#12
1,3-Dichlorobenzene
Concen: 58.211 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.006 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion:146 Resp: 422664
Ion Ratio Lower Upper
146 100
148 64.5 50.9 76.3
75 36.1 29.4 44.0





#13

1,4-Dichlorobenzene

Concen: 58.368 ng

RT: 6.910 min Scan# 81

Delta R.T. 0.006 min

Lab File: BF139221.D

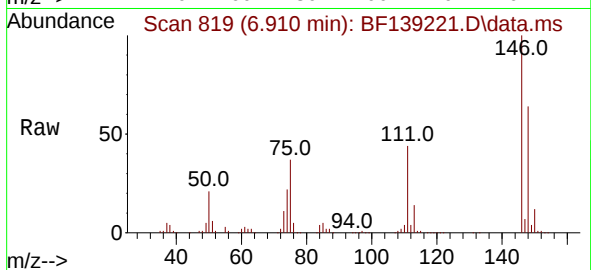
Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



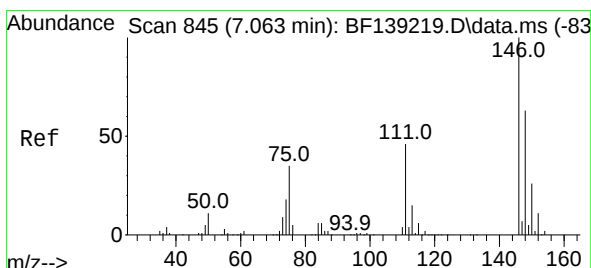
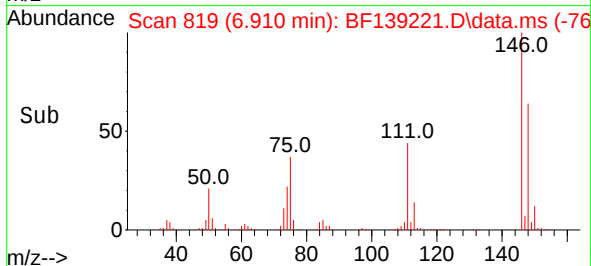
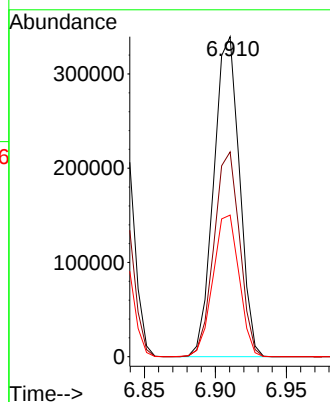
Tgt Ion:146 Resp: 428208

Ion Ratio Lower Upper

146 100

148 64.0 51.5 77.3

111 44.3 35.6 53.4



#14

1,2-Dichlorobenzene

Concen: 57.487 ng

RT: 7.063 min Scan# 845

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

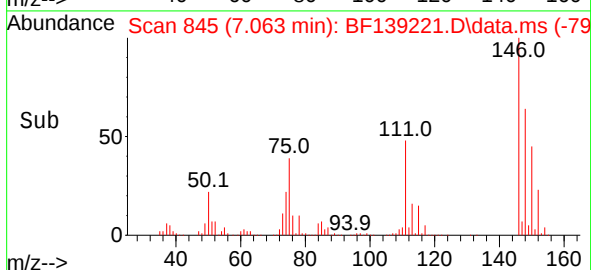
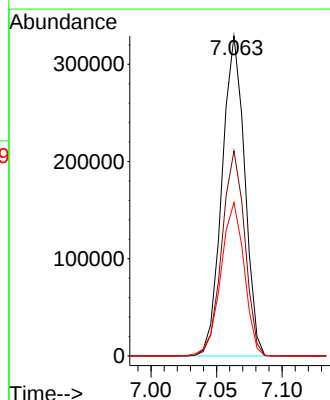
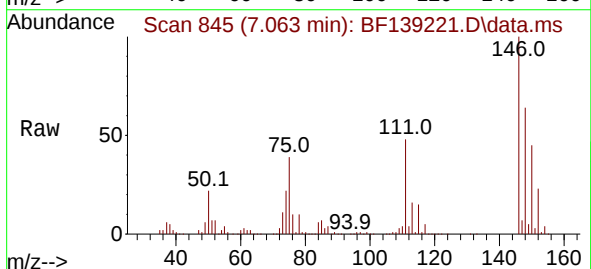
Tgt Ion:146 Resp: 394780

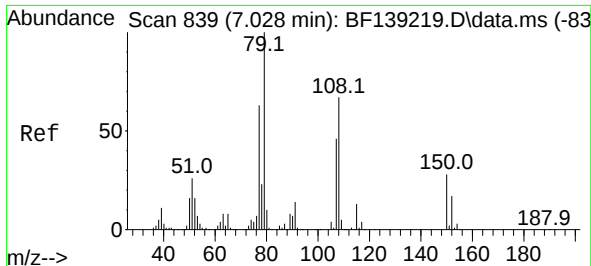
Ion Ratio Lower Upper

146 100

148 64.1 50.7 76.1

111 47.9 37.0 55.6

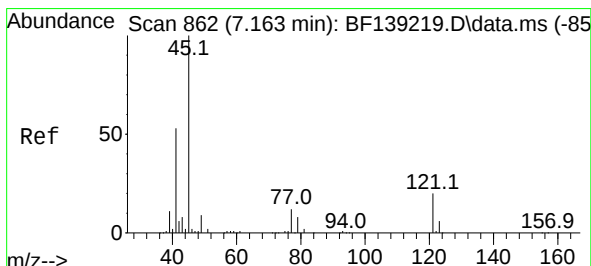
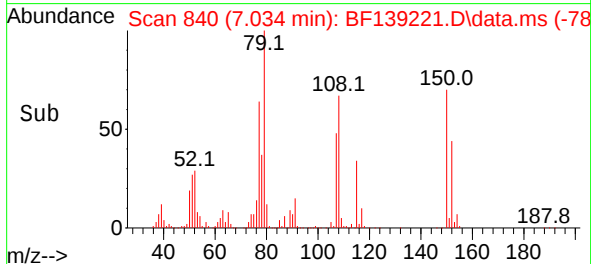
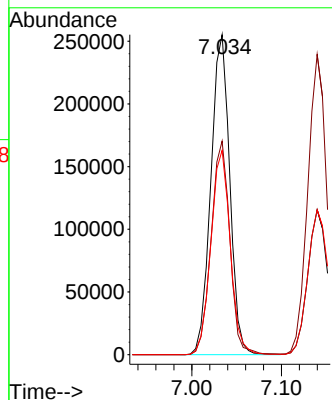
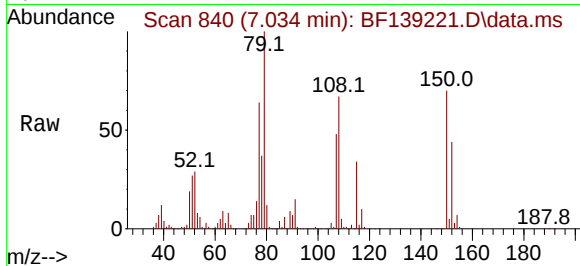




#15
Benzyl Alcohol
Concen: 59.110 ng
RT: 7.034 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

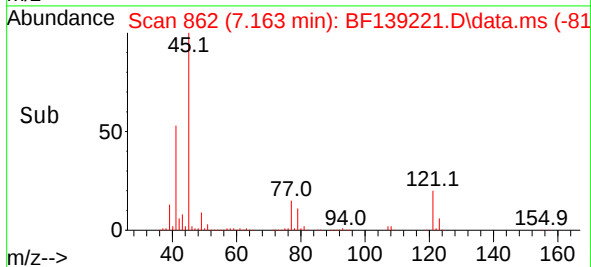
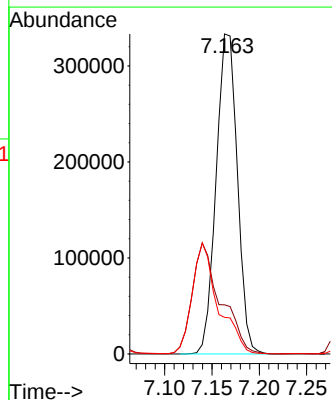
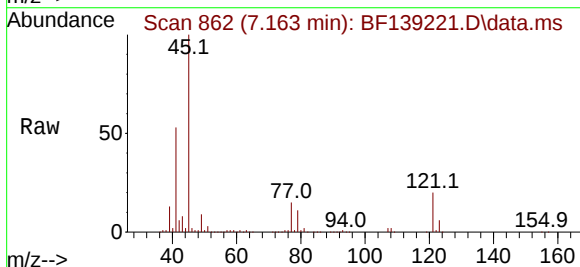
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

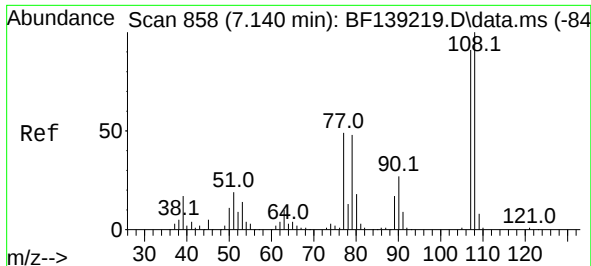
Tgt Ion: 79 Resp: 372763
Ion Ratio Lower Upper
79 100
108 66.8 53.4 80.2
77 63.9 50.4 75.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 58.578 ng
RT: 7.163 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion: 45 Resp: 519636
Ion Ratio Lower Upper
45 100
77 15.4 0.0 34.7
79 11.5 0.0 31.0





#17

2-Methylphenol

Concen: 59.039 ng

RT: 7.140 min Scan# 858

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion:107 Resp: 305787

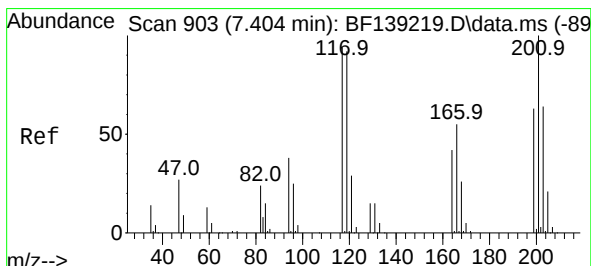
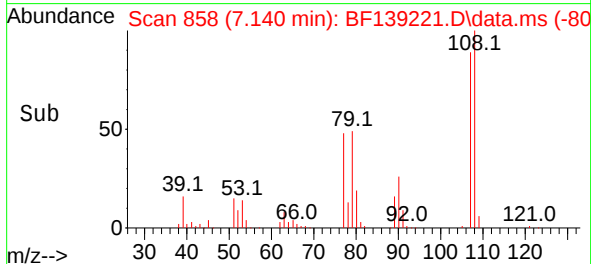
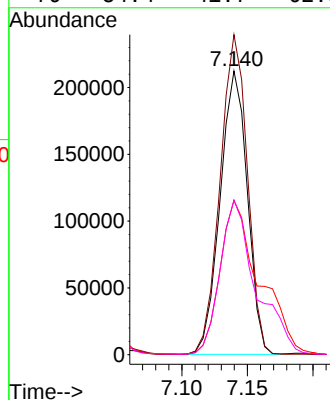
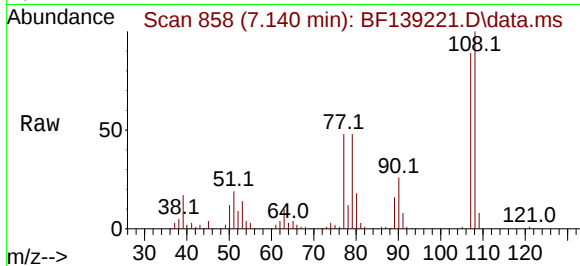
Ion Ratio Lower Upper

107 100

108 112.8 87.6 131.4

77 54.4 43.2 64.8

79 54.4 41.7 62.5



#18

Hexachloroethane

Concen: 59.404 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

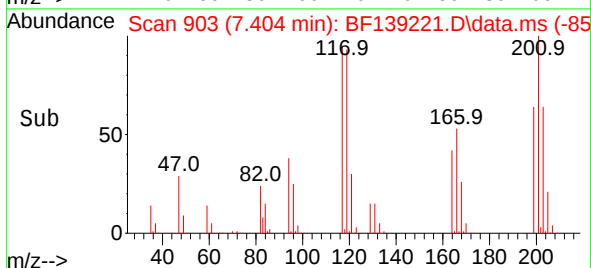
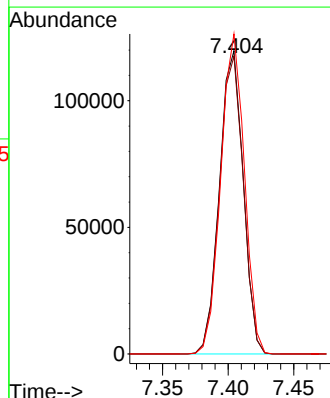
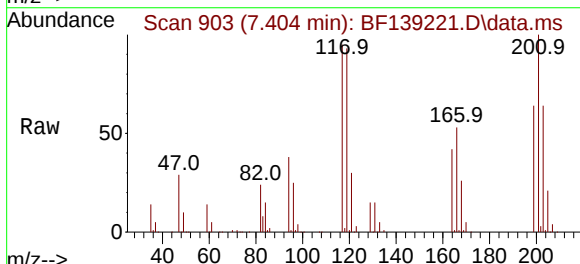
Tgt Ion:117 Resp: 150938

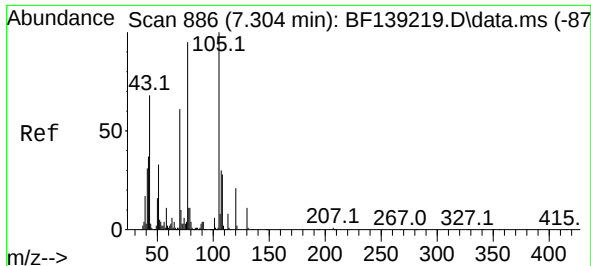
Ion Ratio Lower Upper

117 100

119 98.2 78.3 117.5

201 105.6 85.4 128.0





#19

n-Nitroso-di-n-propylamine

Concen: 57.544 ng

RT: 7.310 min Scan# 886

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 70 Resp: 289944

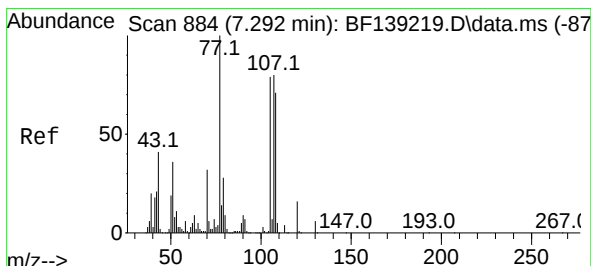
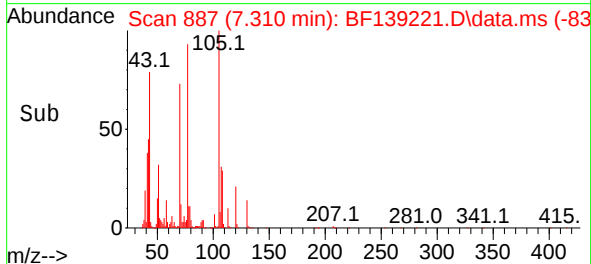
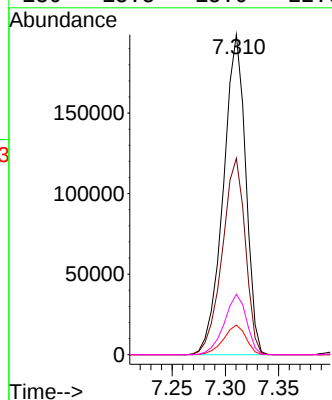
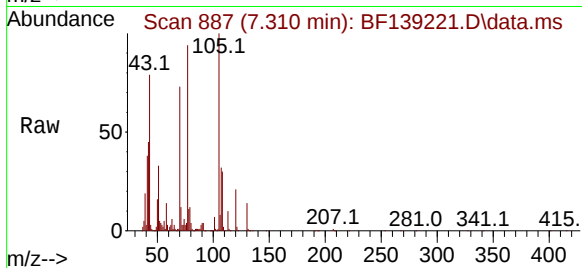
Ion Ratio Lower Upper

70 100

42 61.4 49.0 73.4

101 9.3 7.6 11.4

130 18.8 15.0 22.6



#20

3+4-Methylphenols

Concen: 57.928 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Tgt Ion:107 Resp: 388850

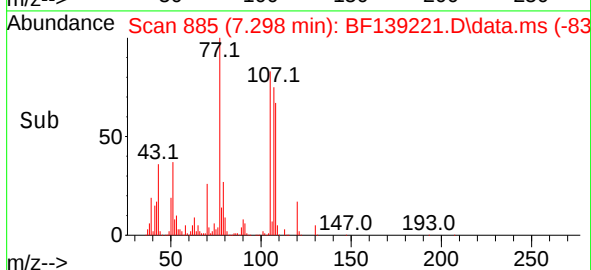
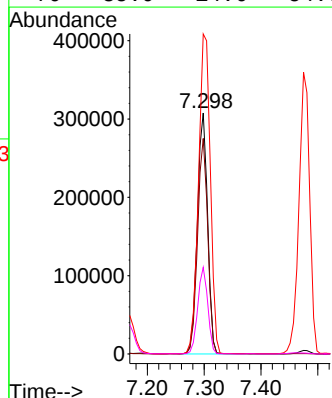
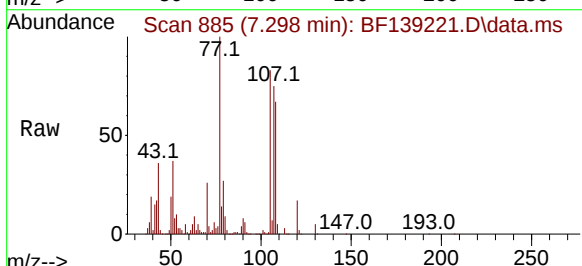
Ion Ratio Lower Upper

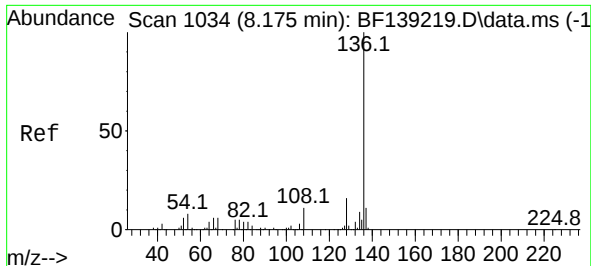
107 100

108 89.5 69.2 109.2

77 132.8 105.6 145.6

79 35.9 14.6 54.6

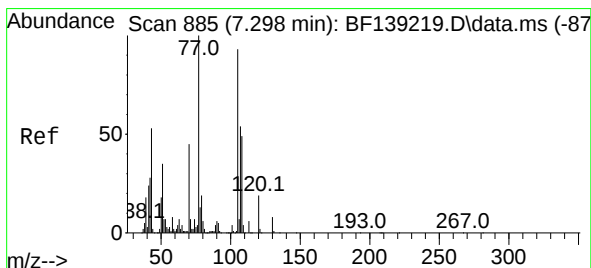
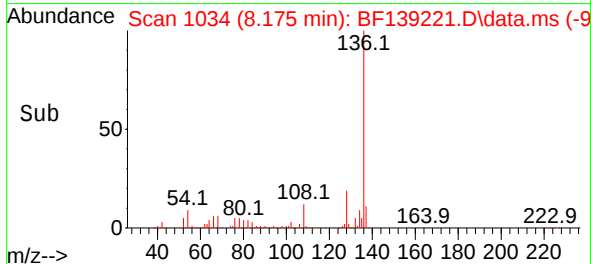
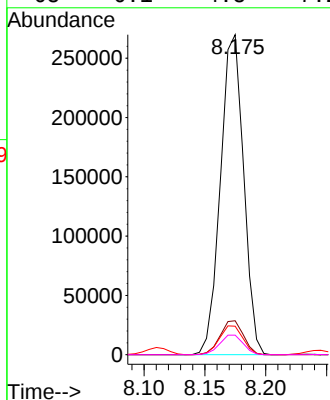
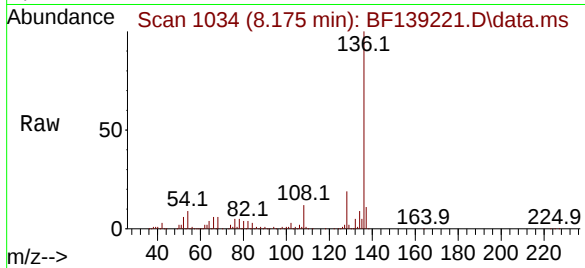




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

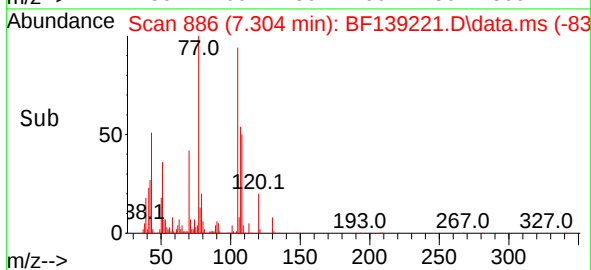
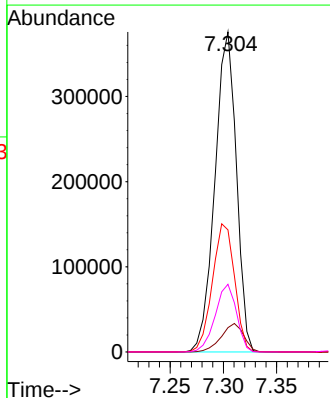
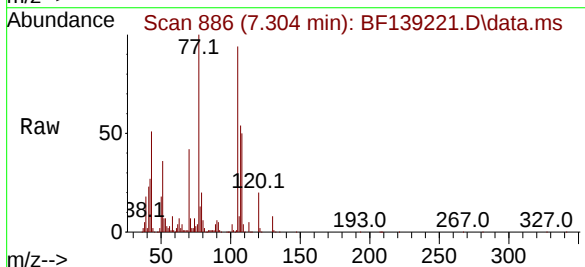
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

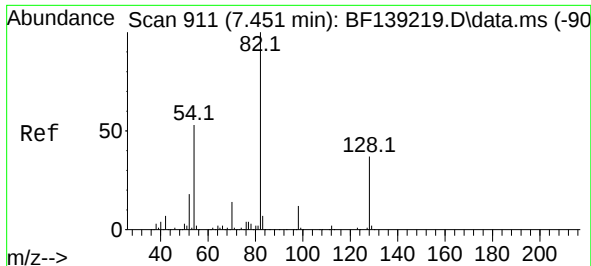
Tgt Ion:136 Resp: 357080
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 8.9 6.9 10.3
68 6.1 4.8 7.2



#22
Acetophenone
Concen: 57.836 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion:105 Resp: 525390
Ion Ratio Lower Upper
105 100
71 7.6 6.5 9.7
51 38.1 30.7 46.1
120 21.1 16.7 25.1





#23

Nitrobenzene-d5

Concen: 121.353 ng

RT: 7.457 min Scan# 911

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

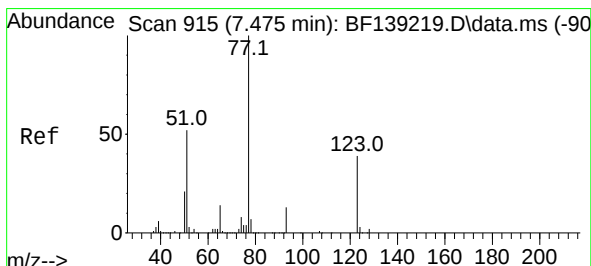
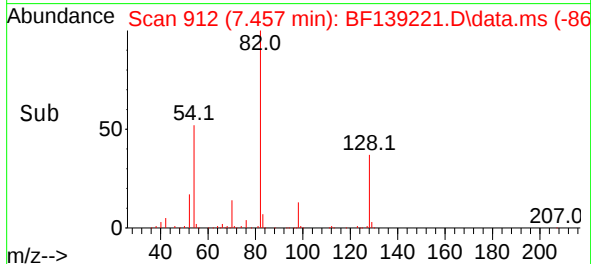
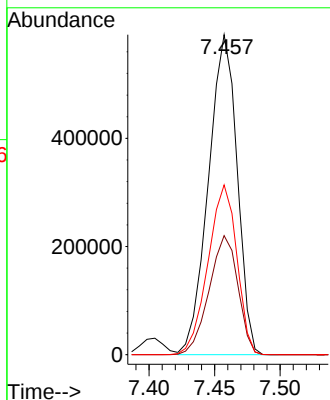
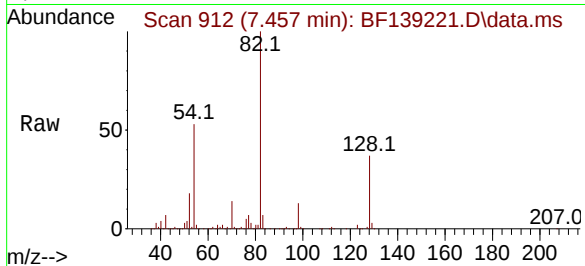
Tgt Ion: 82 Resp: 901440

Ion Ratio Lower Upper

82 100

128 37.2 29.4 44.2

54 53.1 42.4 63.6



#24

Nitrobenzene

Concen: 60.535 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

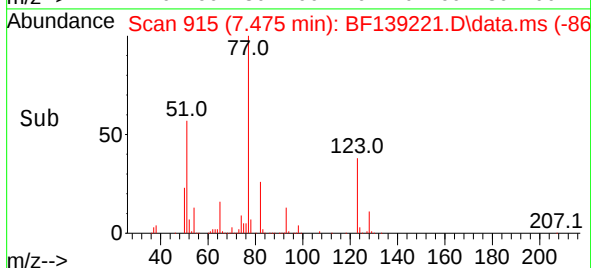
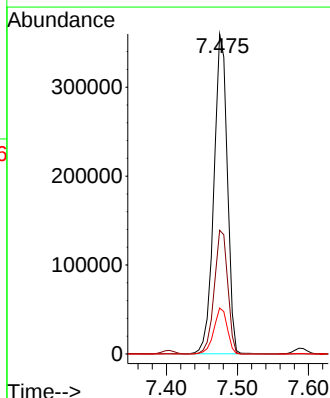
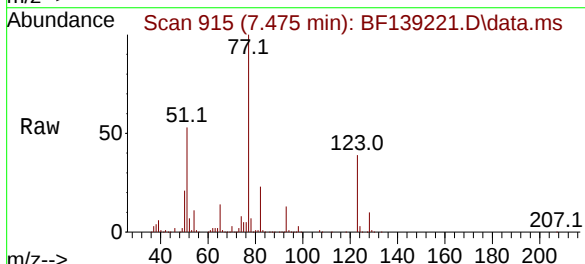
Tgt Ion: 77 Resp: 470261

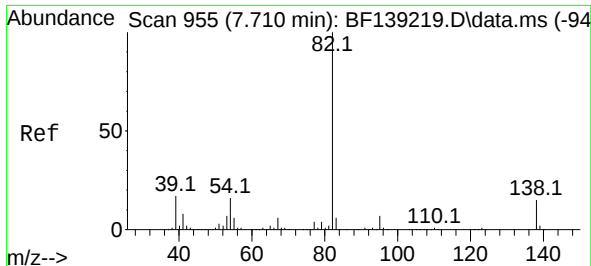
Ion Ratio Lower Upper

77 100

123 38.6 32.0 48.0

65 14.4 11.1 16.7





#25

Isophorone

Concen: 59.064 ng

RT: 7.716 min Scan# 956

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

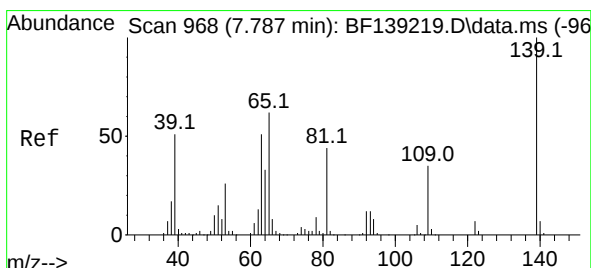
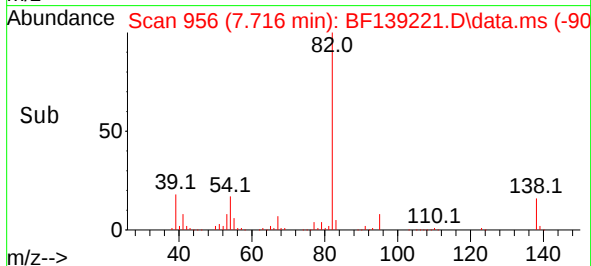
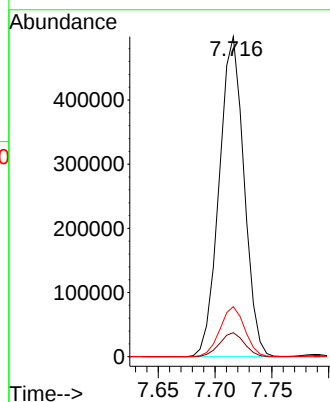
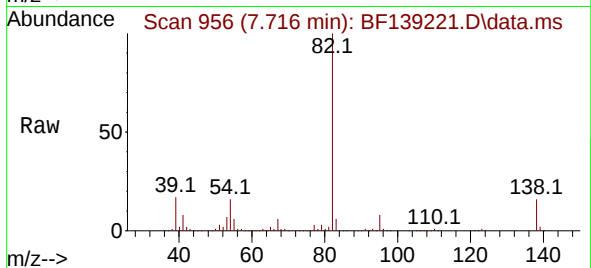
Tgt Ion: 82 Resp: 760407

Ion Ratio Lower Upper

82 100

95 7.5 5.8 8.8

138 15.7 12.3 18.5



#26

2-Nitrophenol

Concen: 66.432 ng

RT: 7.787 min Scan# 968

Delta R.T. -0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

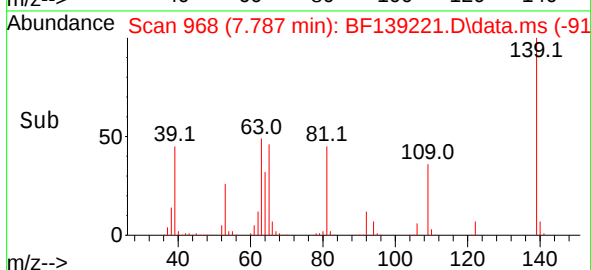
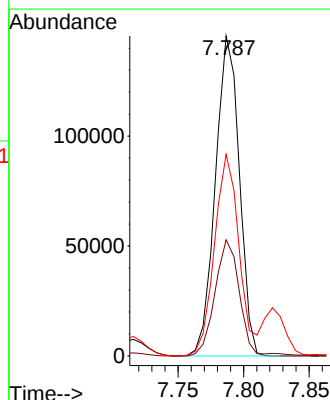
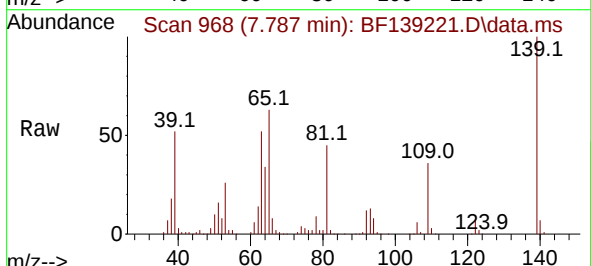
Tgt Ion:139 Resp: 184738

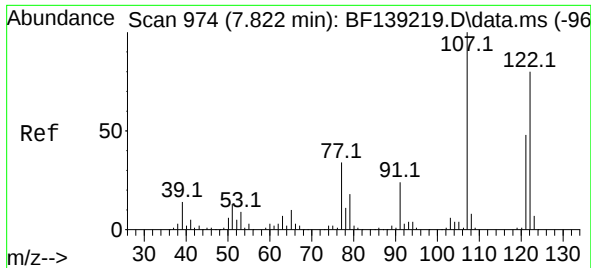
Ion Ratio Lower Upper

139 100

109 36.3 28.2 42.2

65 63.0 49.6 74.4

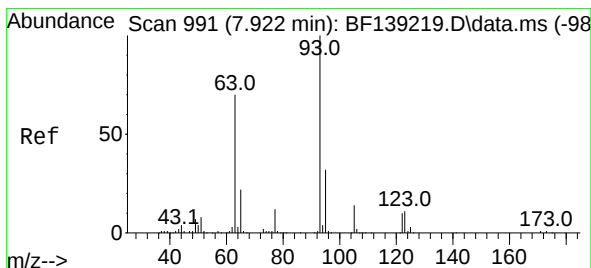
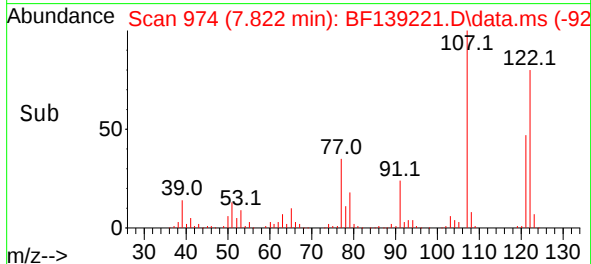
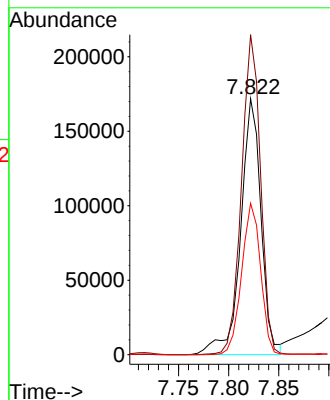
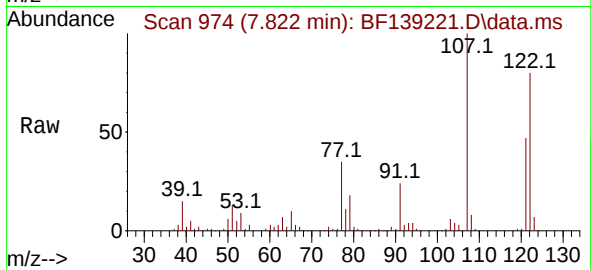




#27
2,4-Dimethylphenol
Concen: 59.716 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

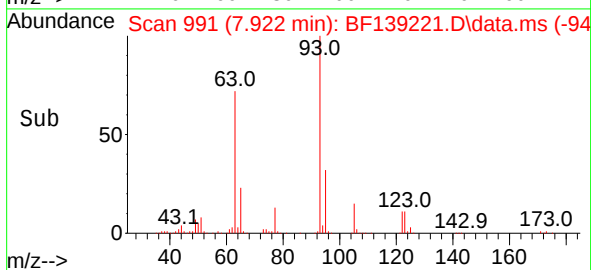
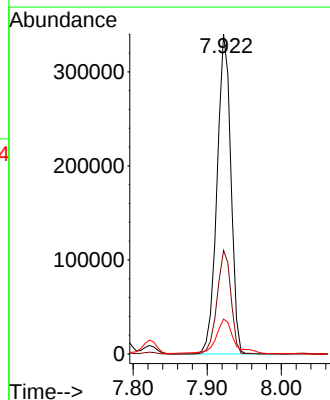
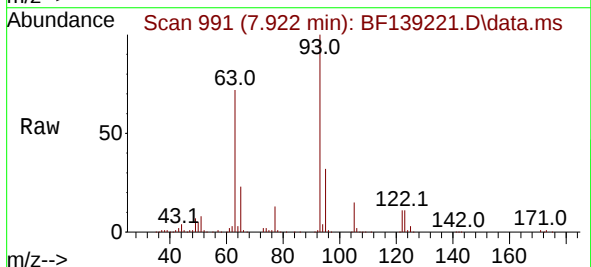
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

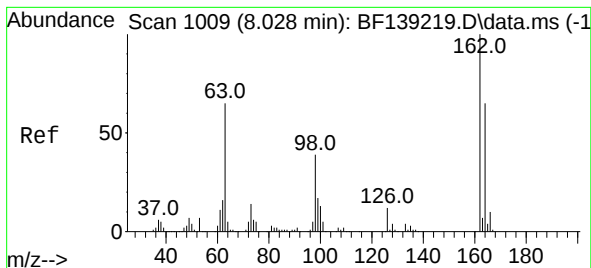
Tgt Ion:122 Resp: 243641
Ion Ratio Lower Upper
122 100
107 125.0 99.8 149.8
121 59.1 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 58.793 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion: 93 Resp: 440704
Ion Ratio Lower Upper
93 100
95 32.4 26.0 39.0
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 59.589 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

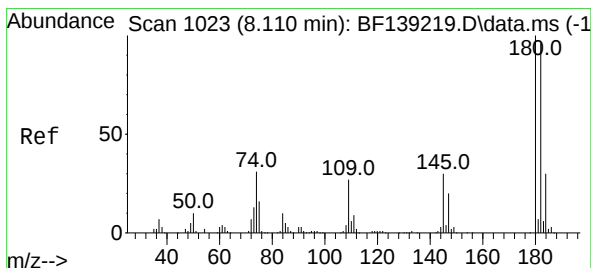
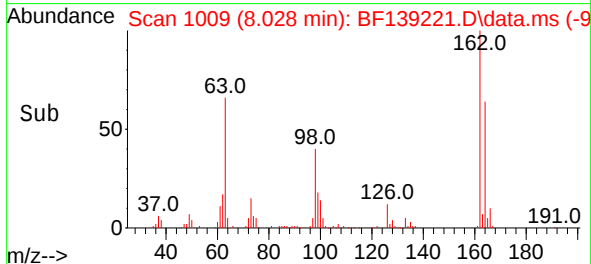
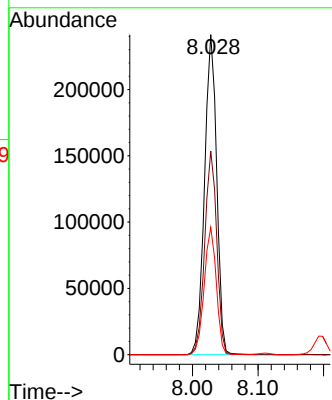
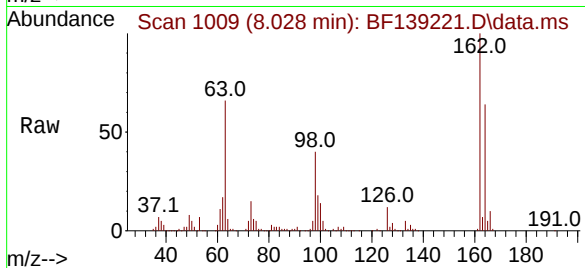
Tgt Ion:162 Resp: 312750

Ion Ratio Lower Upper

162 100

164 63.7 45.3 85.3

98 39.8 19.1 59.1



#30

1,2,4-Trichlorobenzene

Concen: 58.367 ng

RT: 8.110 min Scan# 1023

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

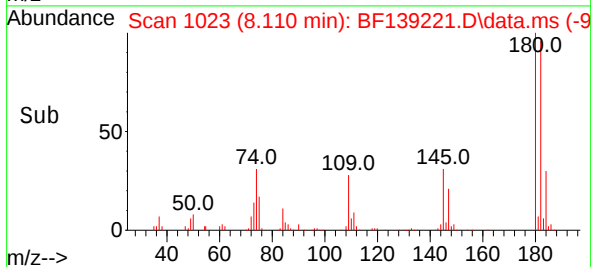
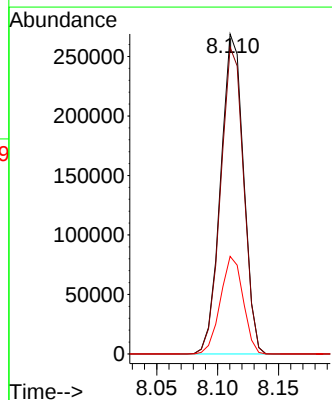
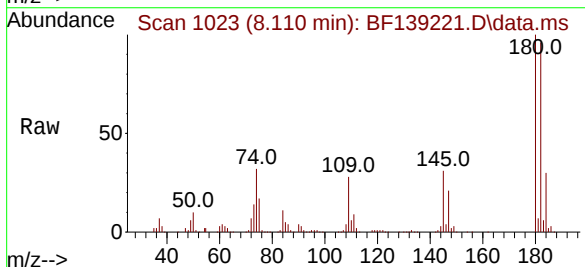
Tgt Ion:180 Resp: 351539

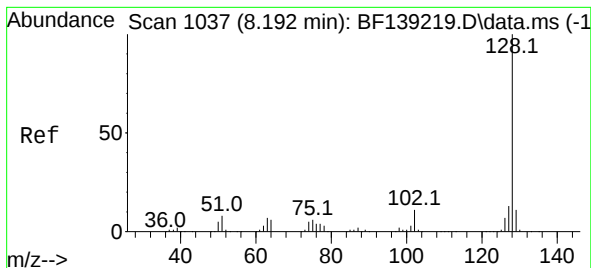
Ion Ratio Lower Upper

180 100

182 95.9 76.5 114.7

145 30.5 24.2 36.2





#31

Naphthalene

Concen: 57.676 ng

RT: 8.198 min Scan# 1037

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

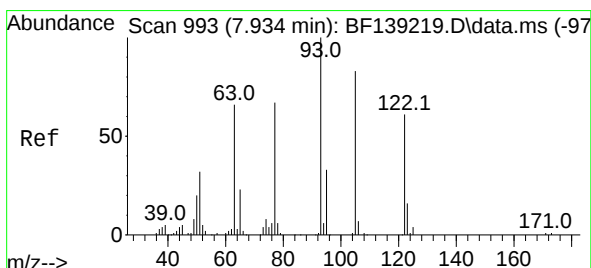
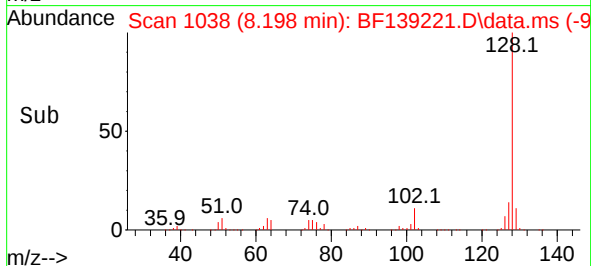
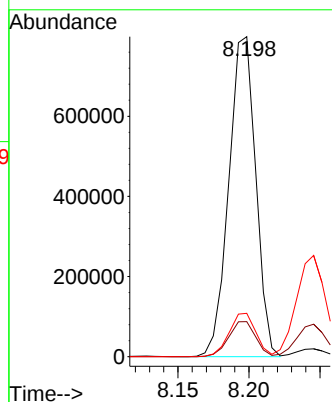
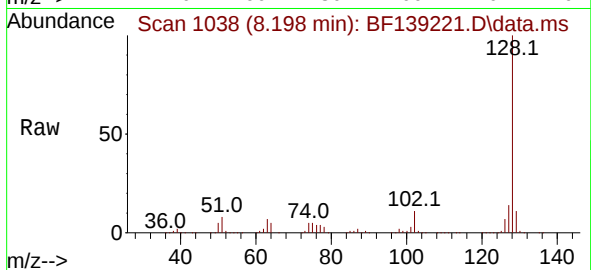
Tgt Ion:128 Resp: 1056031

Ion Ratio Lower Upper

128 100

129 10.9 8.8 13.2

127 13.6 10.7 16.1



#32

Benzoic acid

Concen: 66.440 ng

RT: 7.951 min Scan# 996

Delta R.T. 0.017 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

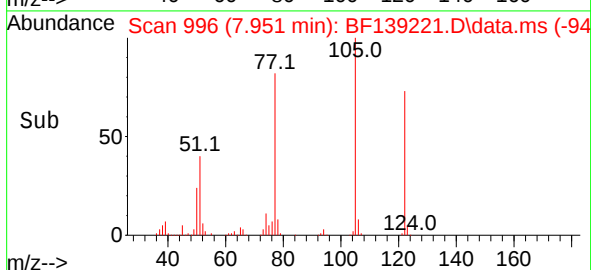
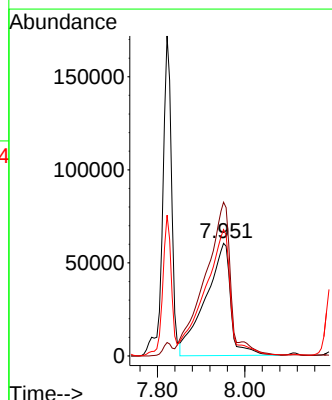
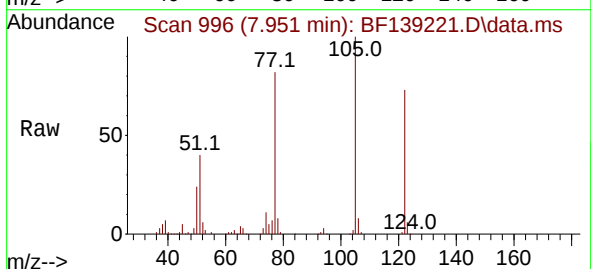
Tgt Ion:122 Resp: 240798

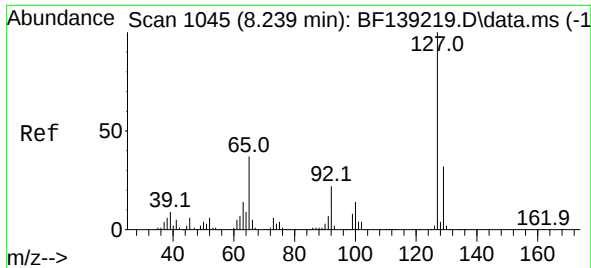
Ion Ratio Lower Upper

122 100

105 136.5 115.3 155.3

77 112.2 91.0 131.0

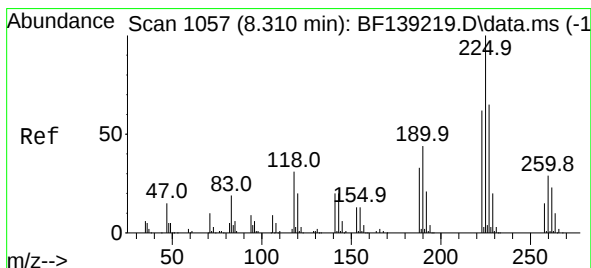
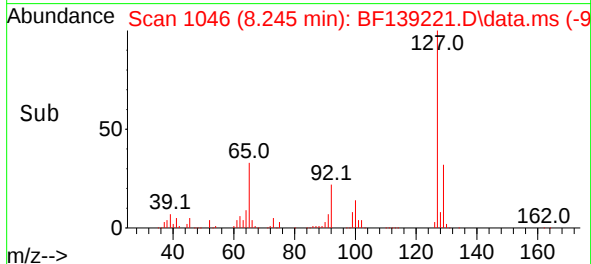
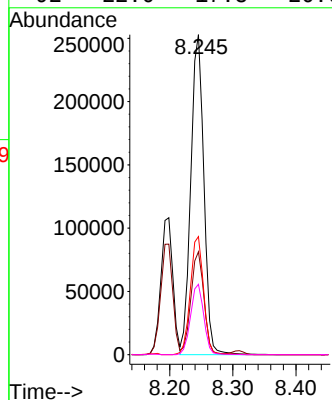
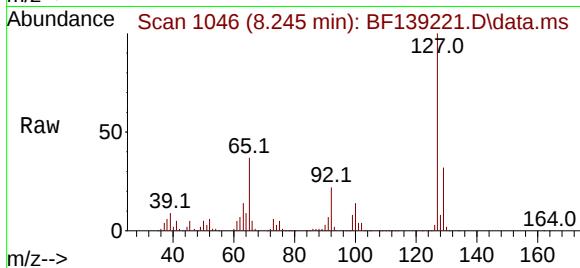




#33
4-Chloroaniline
Concen: 58.129 ng
RT: 8.245 min Scan# 1046
Delta R.T. 0.006 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

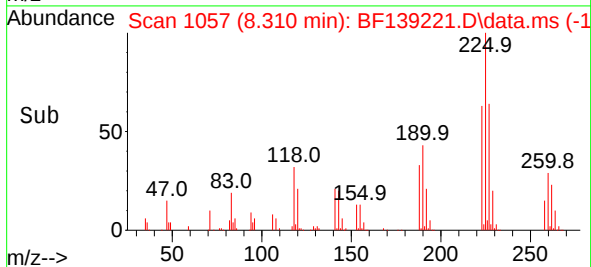
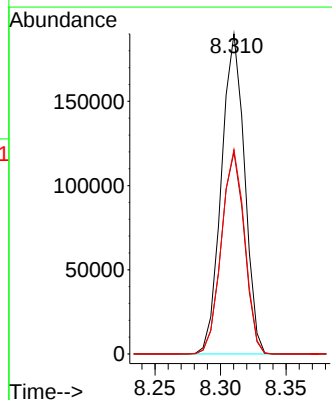
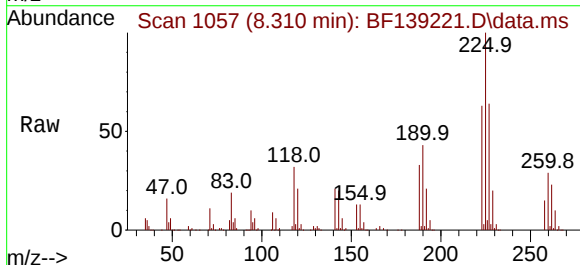
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

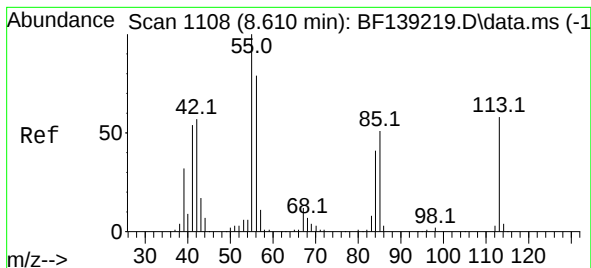
Tgt Ion:127 Resp: 364846
Ion Ratio Lower Upper
127 100
129 32.1 25.5 38.3
65 36.9 29.3 43.9
92 22.0 17.8 26.6



#34
Hexachlorobutadiene
Concen: 58.737 ng
RT: 8.310 min Scan# 1057
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion:225 Resp: 233198
Ion Ratio Lower Upper
225 100
223 63.1 49.4 74.0
227 63.9 51.7 77.5





#35

Caprolactam

Concen: 59.098 ng

RT: 8.622 min Scan# 1110

Delta R.T. 0.012 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

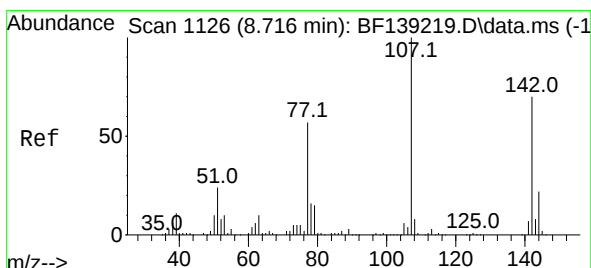
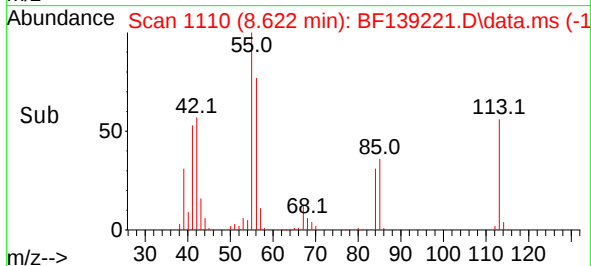
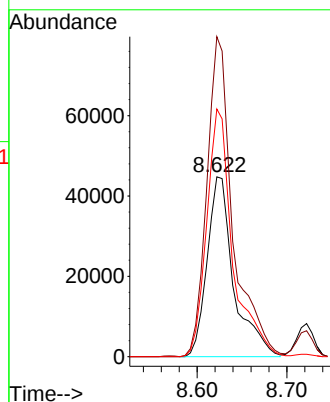
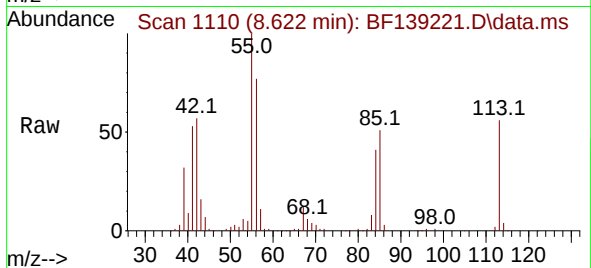
Tgt Ion:113 Resp: 92401

Ion Ratio Lower Upper

113 100

55 177.9 153.2 193.2

56 137.7 116.8 156.8



#36

4-Chloro-3-methylphenol

Concen: 58.675 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

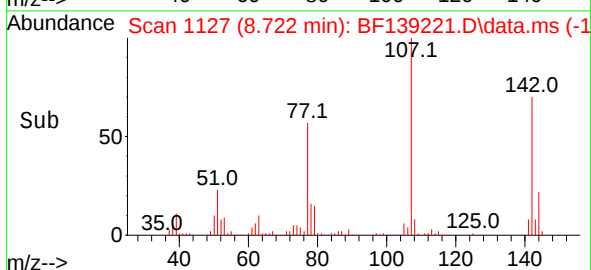
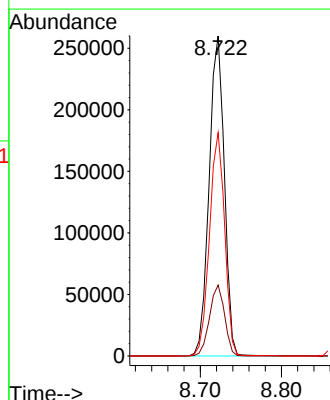
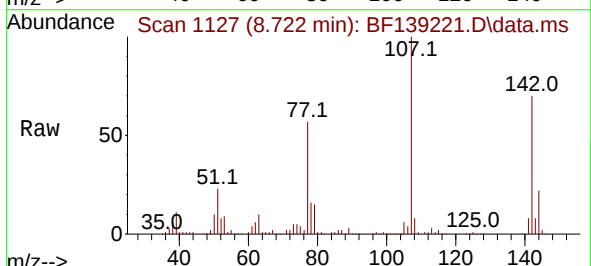
Tgt Ion:107 Resp: 338059

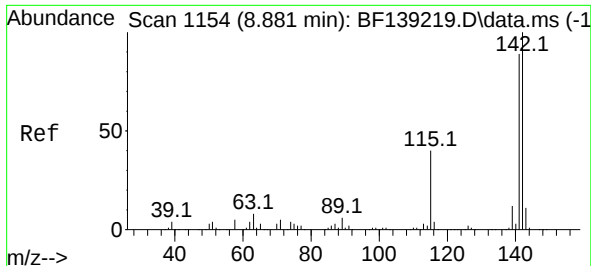
Ion Ratio Lower Upper

107 100

144 22.2 17.8 26.8

142 69.8 55.8 83.8





#37

2-Methylnaphthalene

Concen: 57.792 ng

RT: 8.887 min Scan# 1154

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

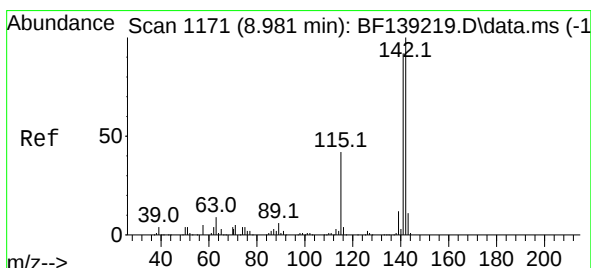
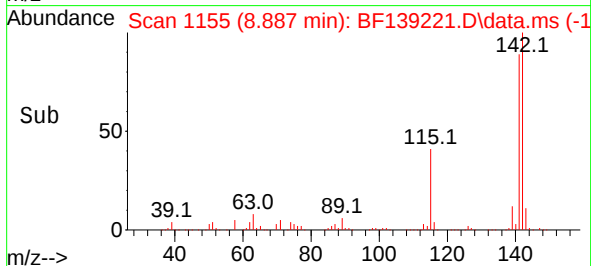
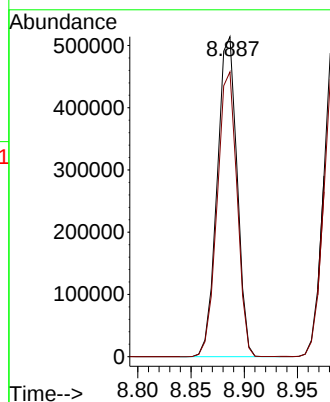
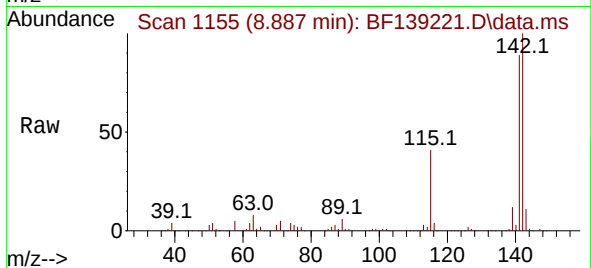
SSTDICC060

Tgt Ion:142 Resp: 666677

Ion Ratio Lower Upper

142 100

141 89.0 70.9 106.3



#38

1-Methylnaphthalene

Concen: 57.677 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.006 min

Lab File: BF139221.D

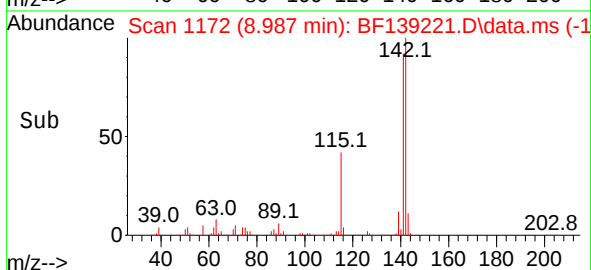
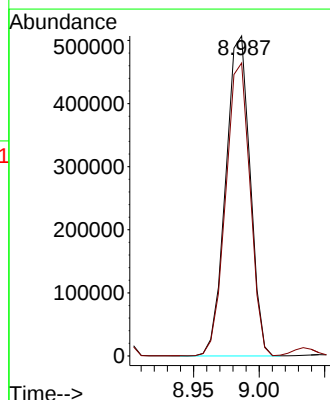
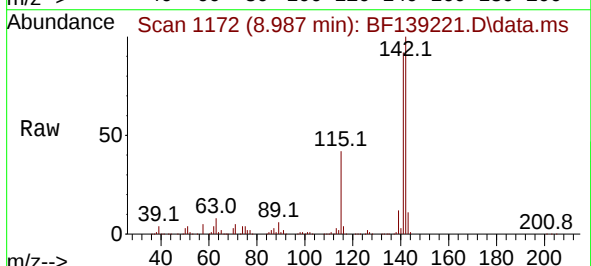
Acq: 29 Aug 2024 14:15

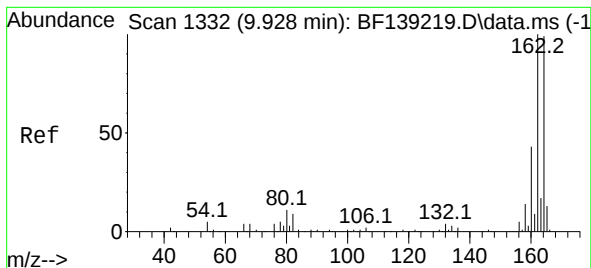
Tgt Ion:142 Resp: 656202

Ion Ratio Lower Upper

142 100

141 91.6 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139221.D

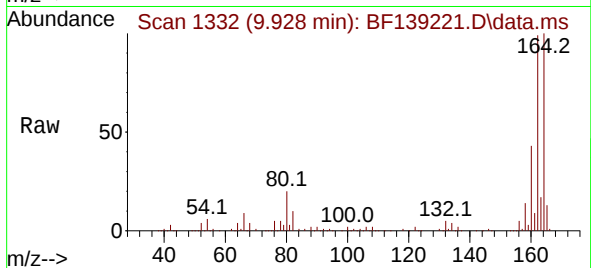
Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060



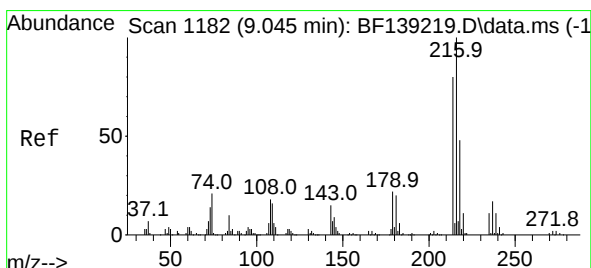
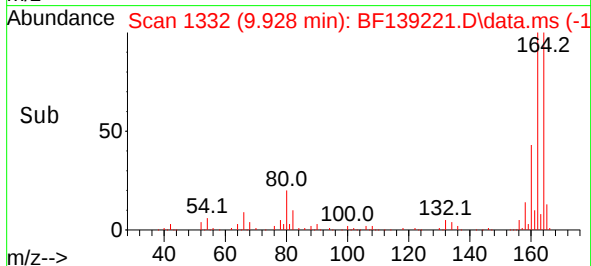
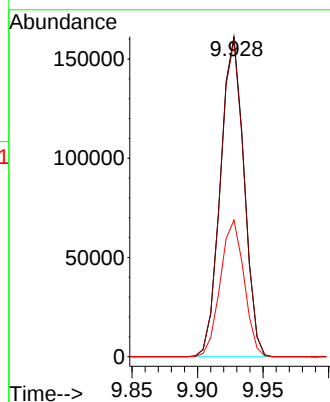
Tgt Ion:164 Resp: 201422

Ion Ratio Lower Upper

164 100

162 98.7 80.8 121.2

160 42.7 34.4 51.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 58.583 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Tgt Ion:216 Resp: 350699

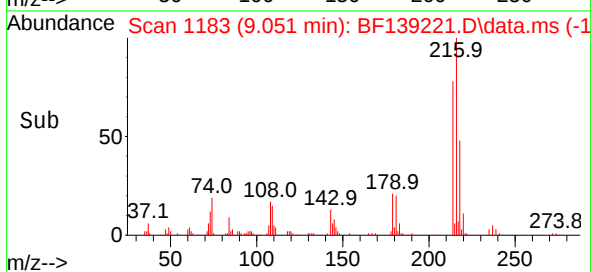
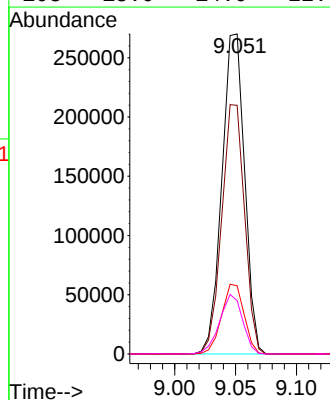
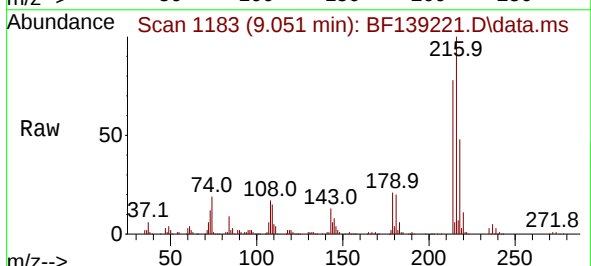
Ion Ratio Lower Upper

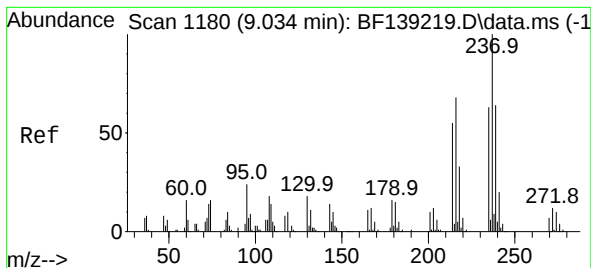
216 100

214 78.1 63.6 95.4

179 21.6 17.1 25.7

108 18.9 14.9 22.3





#41

Hexachlorocyclopentadiene

Concen: 63.593 ng

RT: 9.034 min Scan# 1180

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

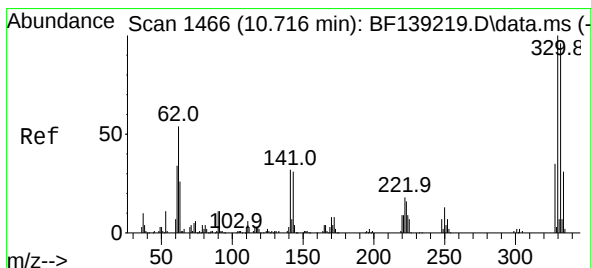
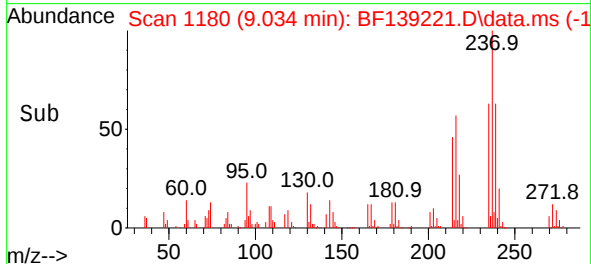
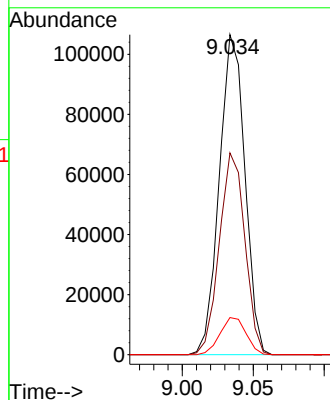
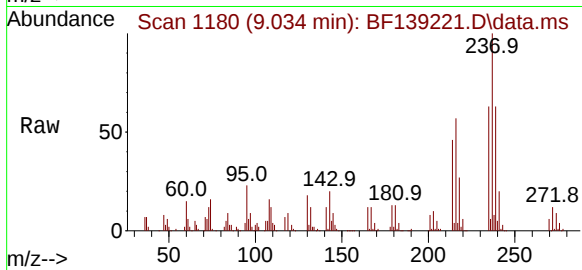
Tgt Ion:237 Resp: 133338

Ion Ratio Lower Upper

237 100

235 63.1 43.2 83.2

272 11.6 0.0 32.1



#42

2,4,6-Tribromophenol

Concen: 121.913 ng

RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

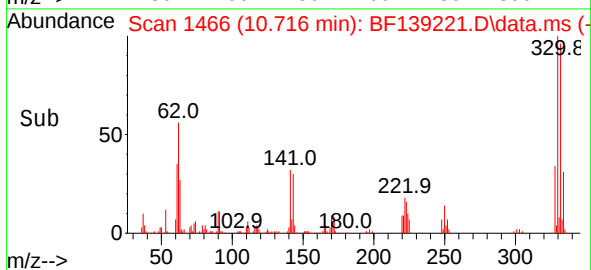
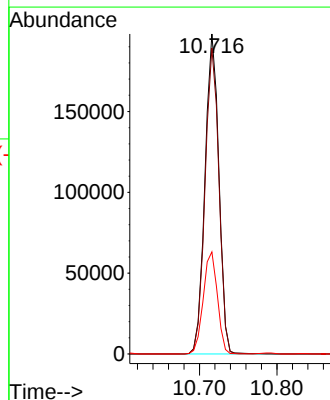
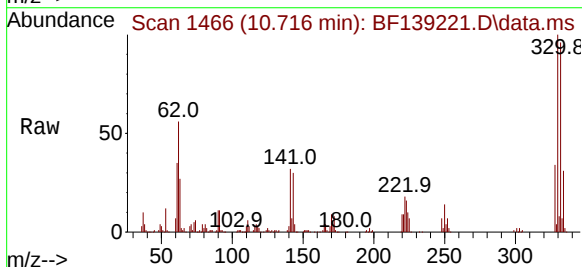
Tgt Ion:330 Resp: 246318

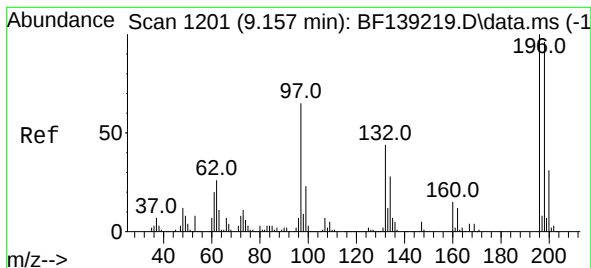
Ion Ratio Lower Upper

330 100

332 95.4 76.6 114.8

141 32.4 26.9 40.3





#43

2,4,6-Trichlorophenol

Concen: 61.815 ng

RT: 9.157 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

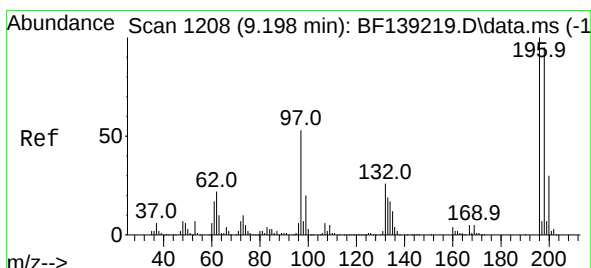
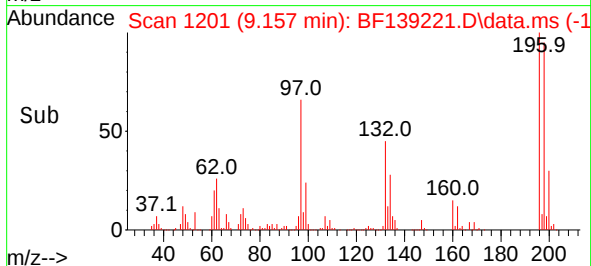
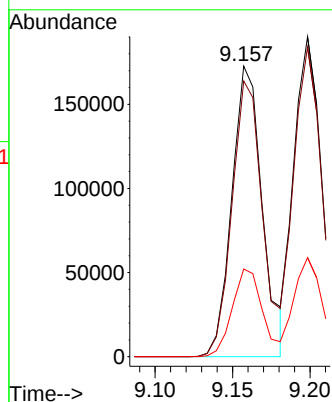
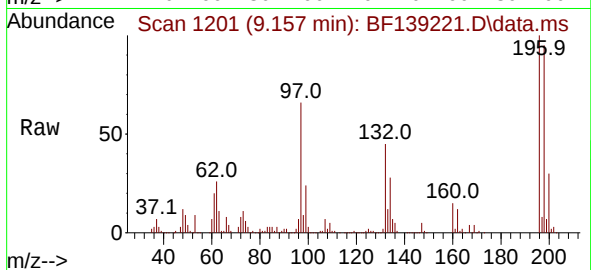
Tgt Ion:196 Resp: 235372

Ion Ratio Lower Upper

196 100

198 94.8 76.6 115.0

200 30.2 24.7 37.1



#44

2,4,5-Trichlorophenol

Concen: 57.104 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Tgt Ion:196 Resp: 234003

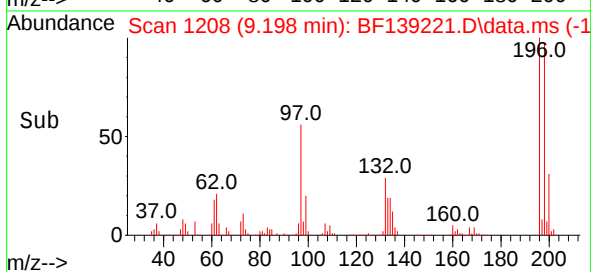
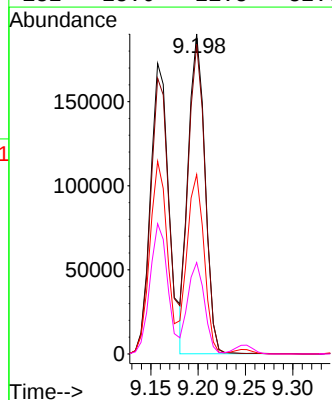
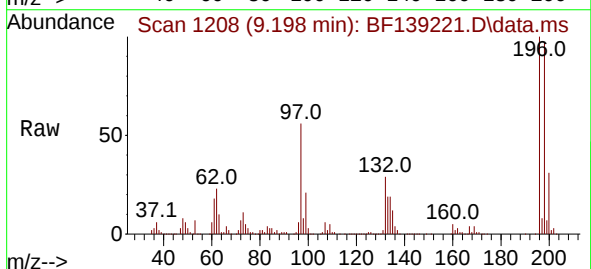
Ion Ratio Lower Upper

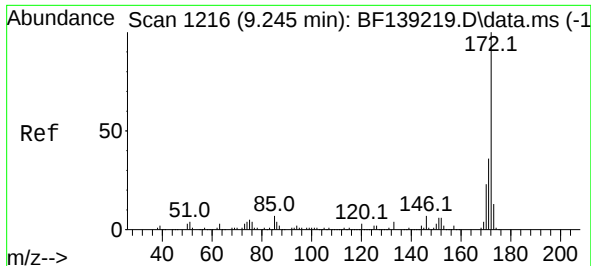
196 100

198 96.7 76.2 114.4

97 56.1 43.0 64.4

132 28.6 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 112.565 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

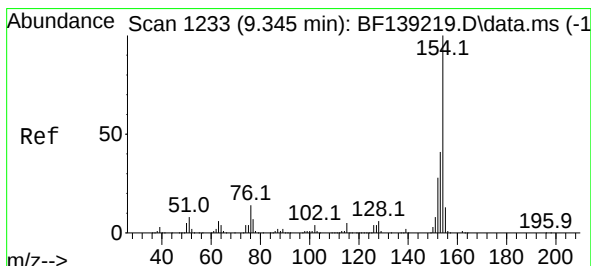
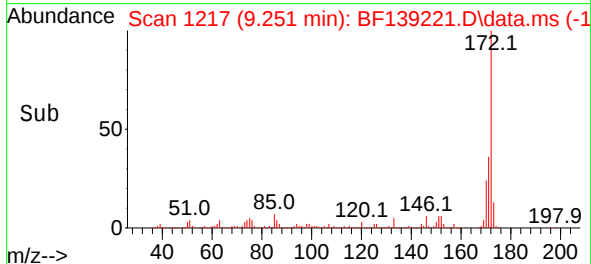
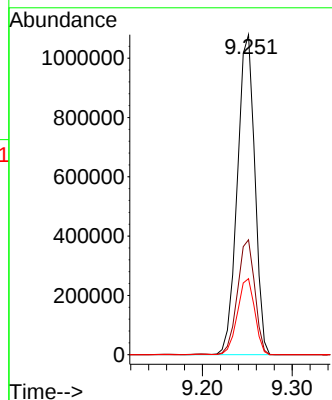
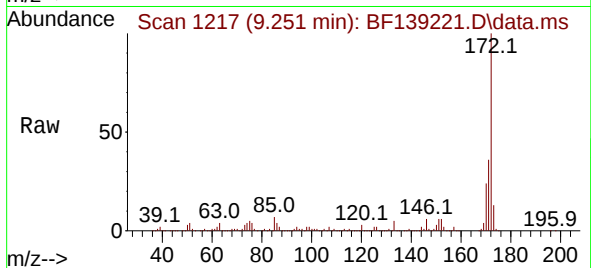
Tgt Ion:172 Resp: 1456170

Ion Ratio Lower Upper

172 100

171 35.9 28.7 43.1

170 23.8 18.7 28.1



#46

1,1'-Biphenyl

Concen: 57.874 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

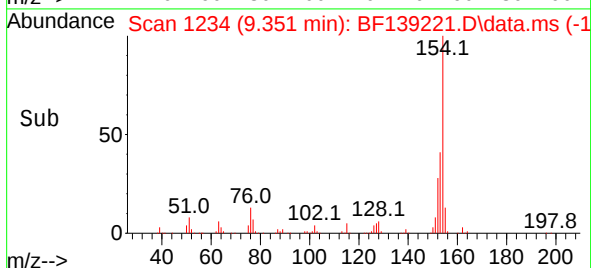
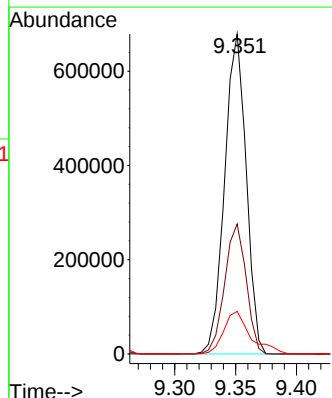
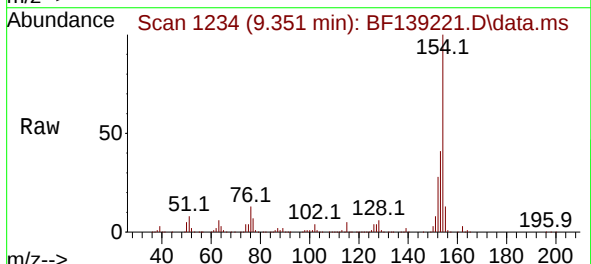
Tgt Ion:154 Resp: 835481

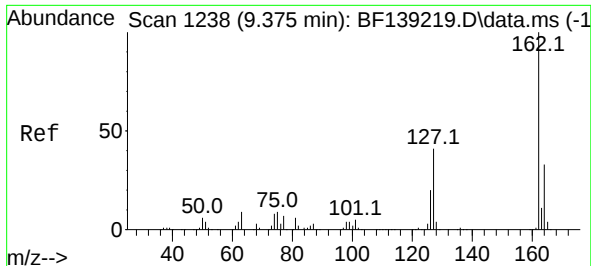
Ion Ratio Lower Upper

154 100

153 40.7 20.8 60.8

76 13.3 0.0 33.9





#47

2-Chloronaphthalene

Concen: 57.637 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

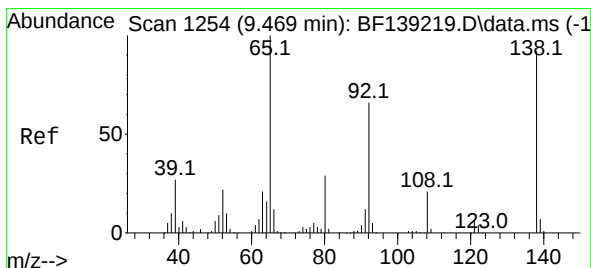
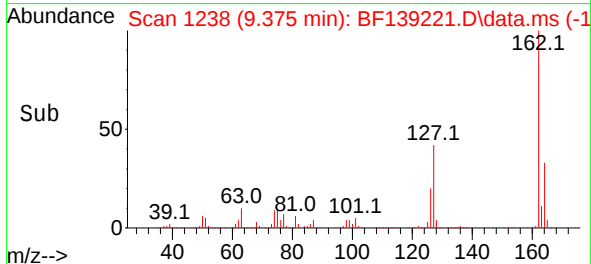
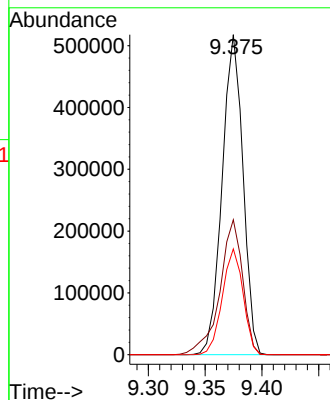
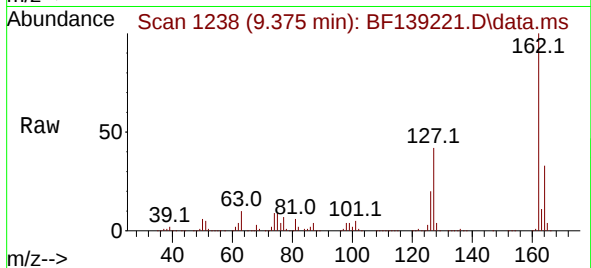
Tgt Ion:162 Resp: 660470

Ion Ratio Lower Upper

162 100

127 42.2 33.0 49.4

164 33.1 26.2 39.4



#48

2-Nitroaniline

Concen: 62.934 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

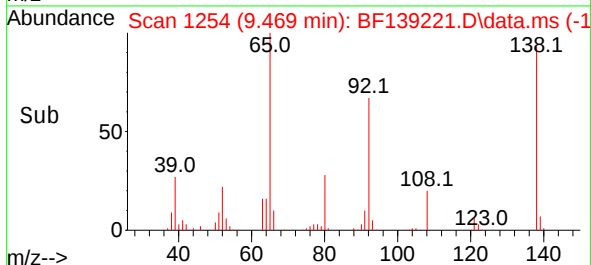
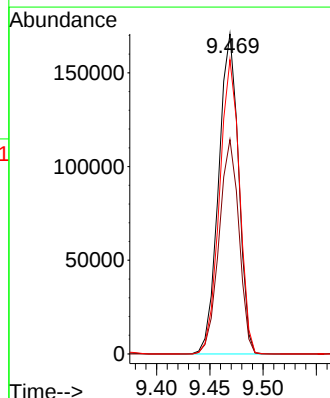
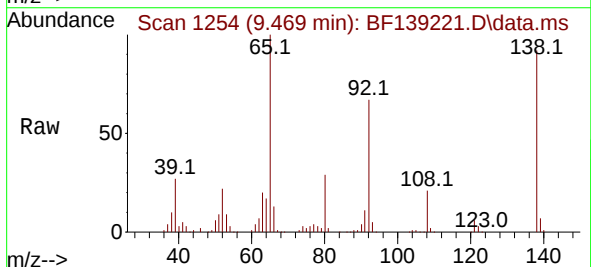
Tgt Ion: 65 Resp: 222069

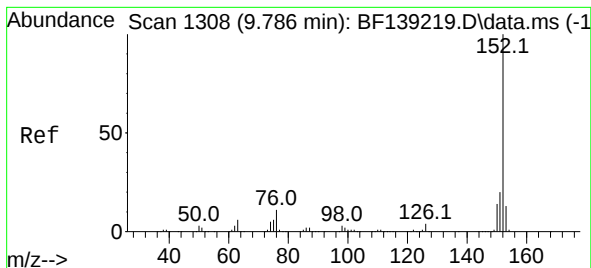
Ion Ratio Lower Upper

65 100

92 67.0 52.7 79.1

138 92.0 73.4 110.0





#49

Acenaphthylene

Concen: 57.906 ng

RT: 9.792 min Scan# 1309

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

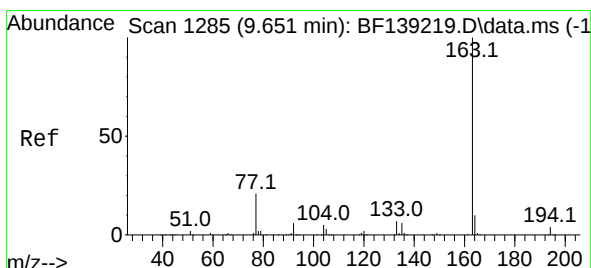
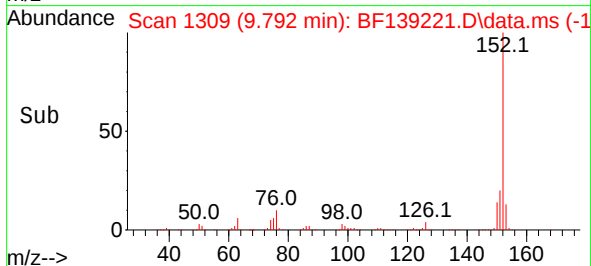
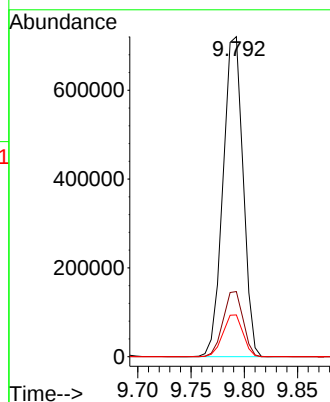
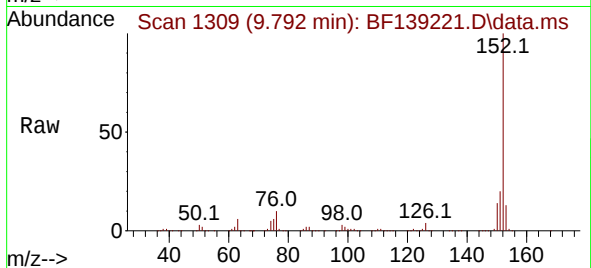
Tgt Ion:152 Resp: 943212

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.1 10.3 15.5



#50

Dimethylphthalate

Concen: 58.236 ng

RT: 9.651 min Scan# 1285

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

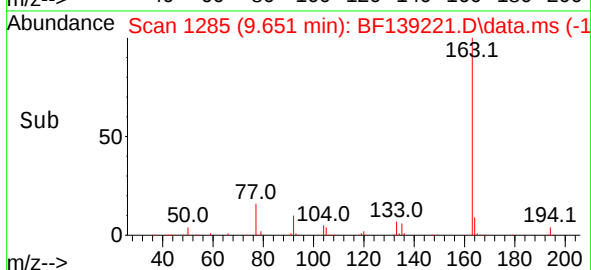
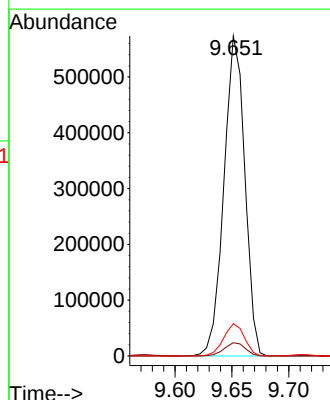
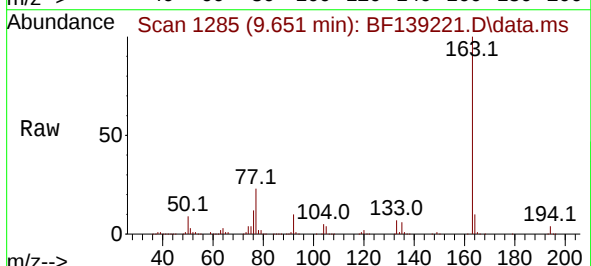
Tgt Ion:163 Resp: 734498

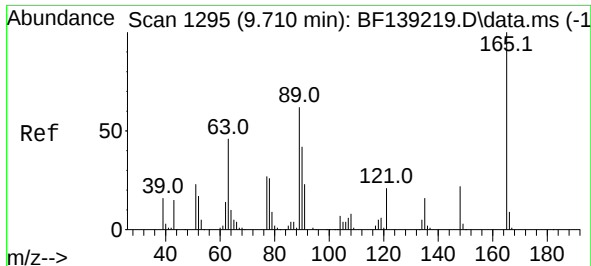
Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

164 10.1 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 63.096 ng

RT: 9.710 min Scan# 1295

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

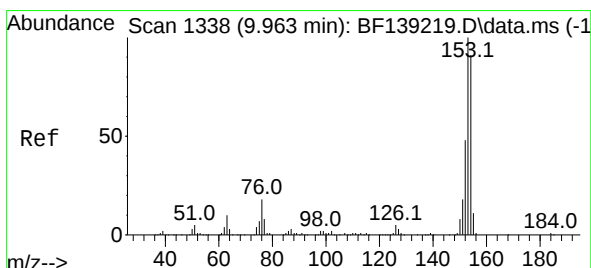
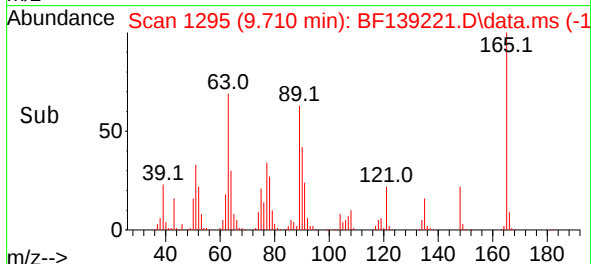
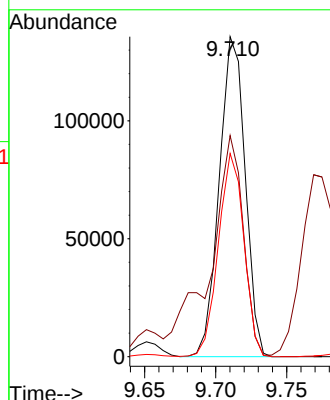
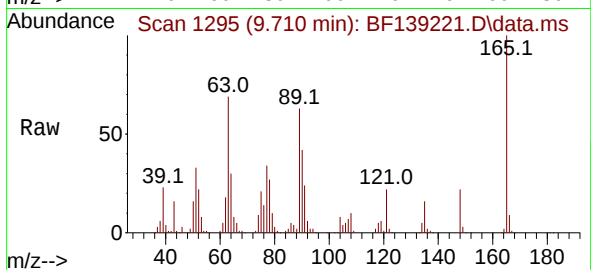
Tgt Ion:165 Resp: 171991

Ion Ratio Lower Upper

165 100

63 69.1 52.1 78.1

89 63.5 49.7 74.5



#52

Acenaphthene

Concen: 59.448 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

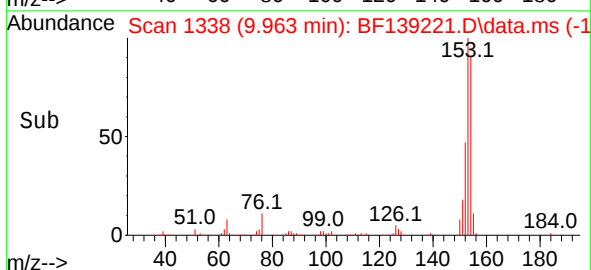
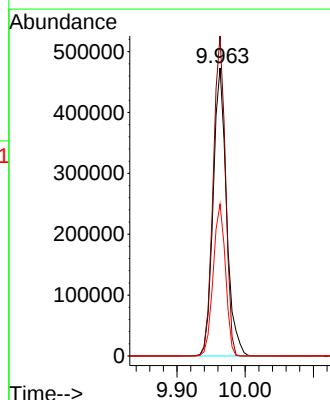
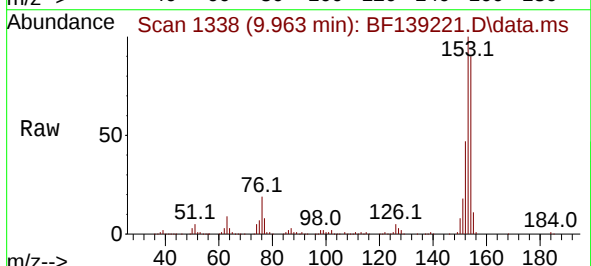
Tgt Ion:154 Resp: 646521

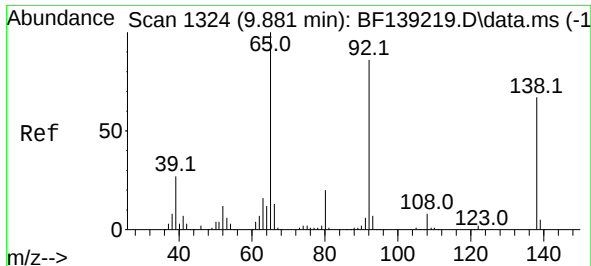
Ion Ratio Lower Upper

154 100

153 111.1 88.2 132.2

152 52.7 42.2 63.4





#53

3-Nitroaniline

Concen: 62.035 ng

RT: 9.881 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

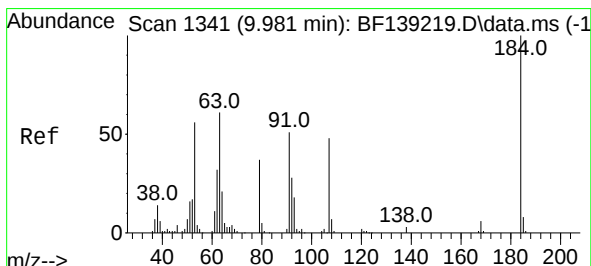
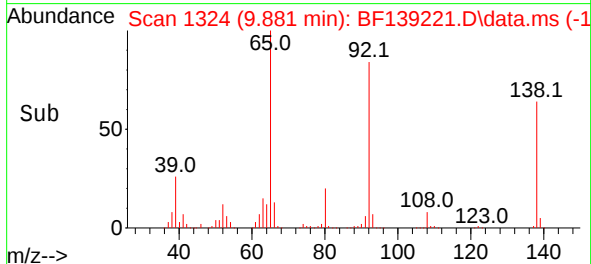
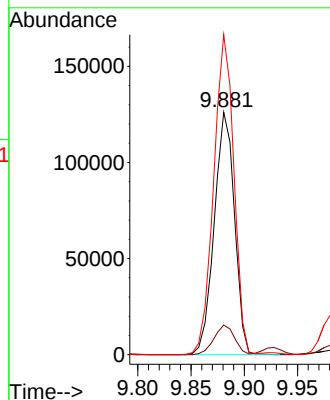
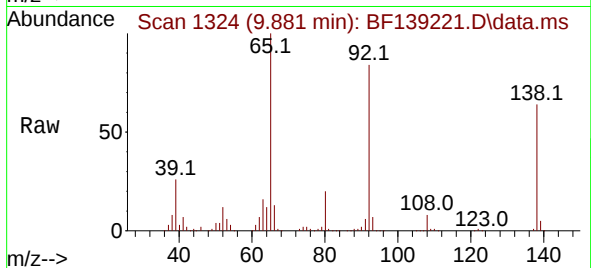
Tgt Ion:138 Resp: 166568

Ion Ratio Lower Upper

138 100

108 12.2 9.4 14.0

92 131.9 102.0 153.0



#54

2,4-Dinitrophenol

Concen: 61.189 ng

RT: 9.981 min Scan# 1341

Delta R.T. -0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

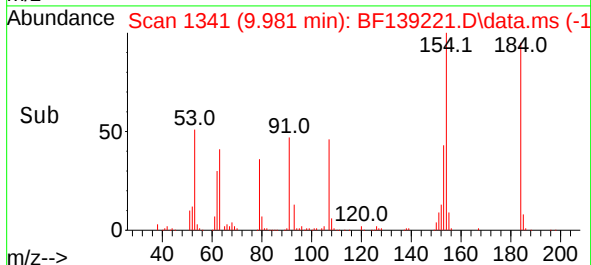
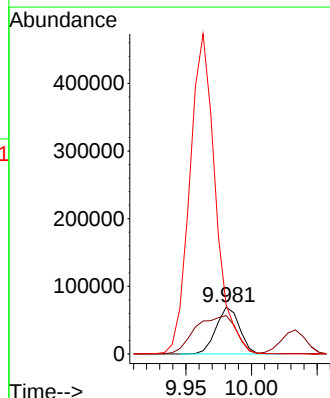
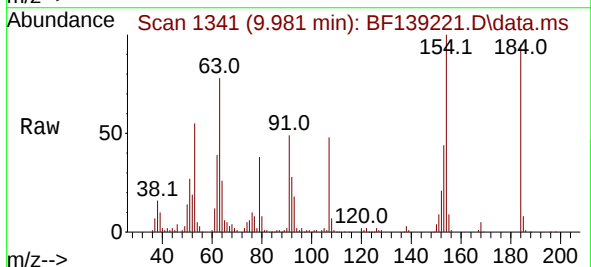
Tgt Ion:184 Resp: 86071

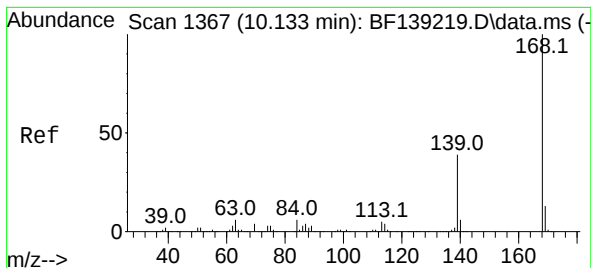
Ion Ratio Lower Upper

184 100

63 82.1 61.9 92.9

154 105.3 70.9 106.3





#55

Dibenzenofuran

Concen: 57.343 ng

RT: 10.134 min Scan# 14

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

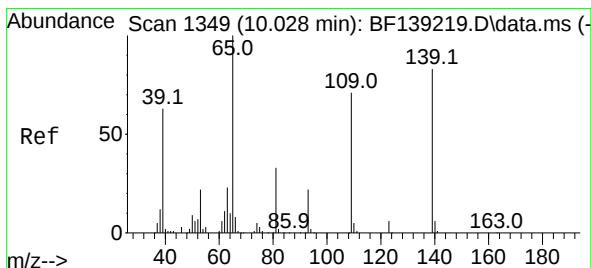
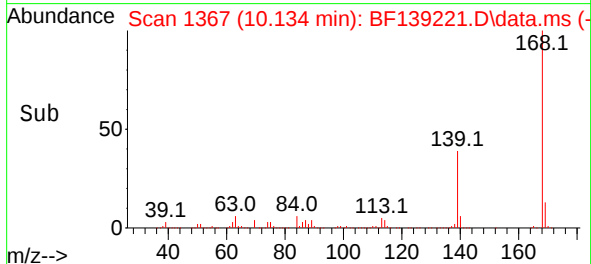
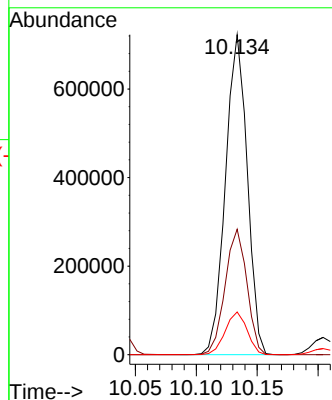
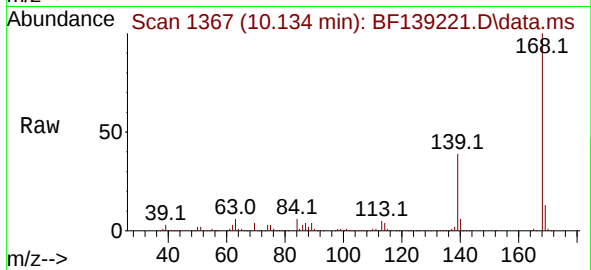
Tgt Ion:168 Resp: 898269

Ion Ratio Lower Upper

168 100

139 39.2 31.3 46.9

169 13.3 10.6 16.0



#56

4-Nitrophenol

Concen: 63.355 ng

RT: 10.034 min Scan# 1350

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

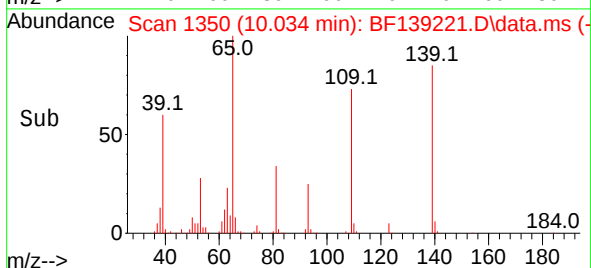
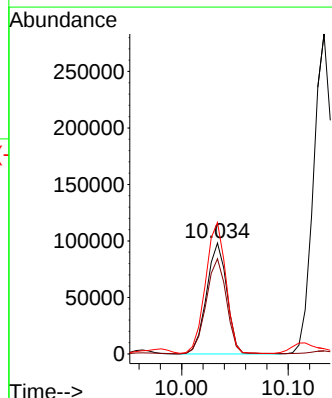
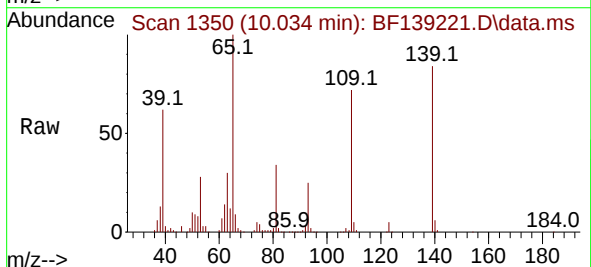
Tgt Ion:139 Resp: 130074

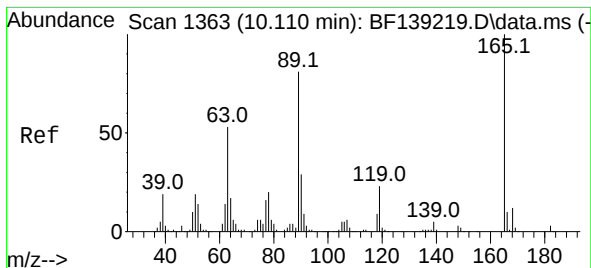
Ion Ratio Lower Upper

139 100

109 86.0 65.8 105.8

65 118.7 101.4 141.4

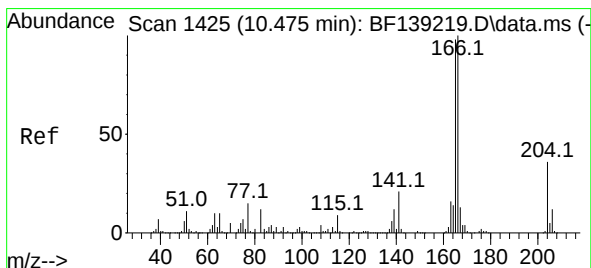
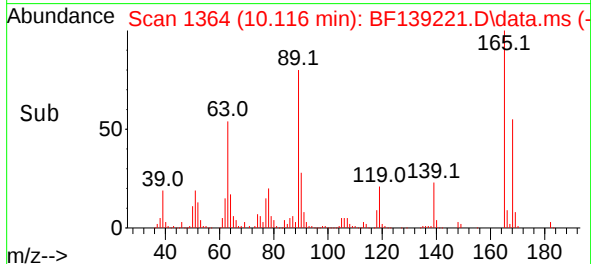
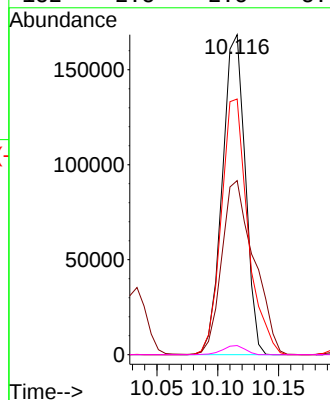
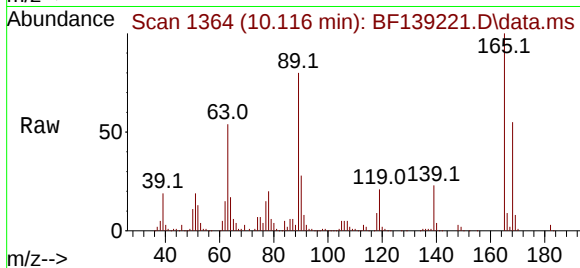




#57
2,4-Dinitrotoluene
Concen: 64.354 ng
RT: 10.116 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

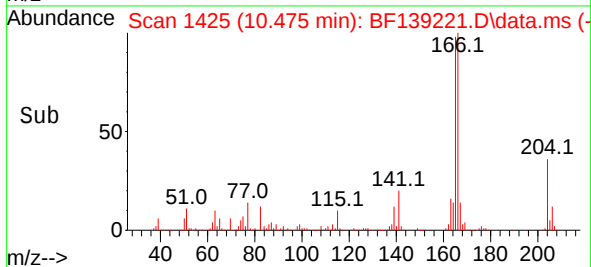
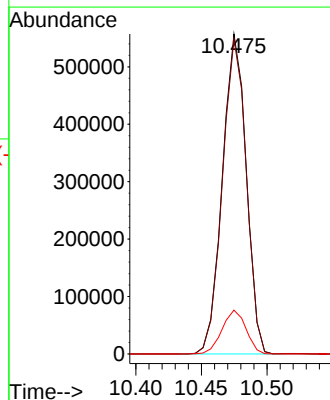
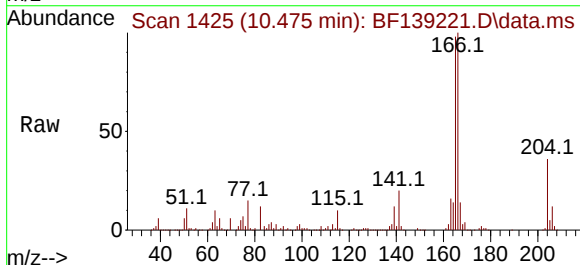
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

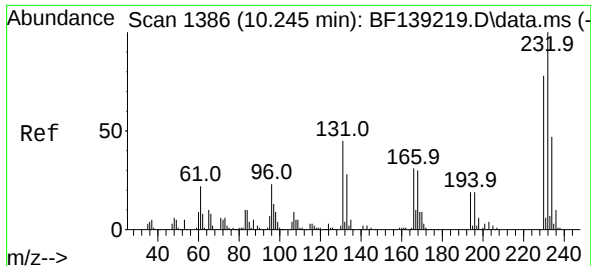
Tgt Ion:165 Resp: 220978
Ion Ratio Lower Upper
165 100
63 54.4 42.2 63.4
89 79.9 64.7 97.1
182 2.8 2.5 3.7



#58
Fluorene
Concen: 56.902 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion:166 Resp: 705386
Ion Ratio Lower Upper
166 100
165 98.4 78.0 117.0
167 13.7 10.7 16.1

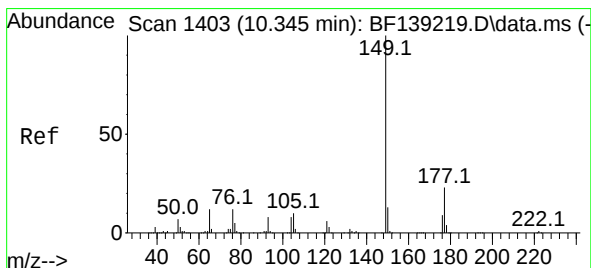
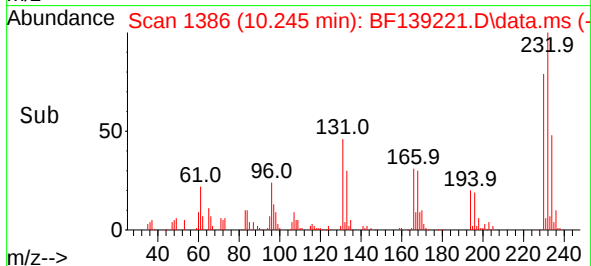
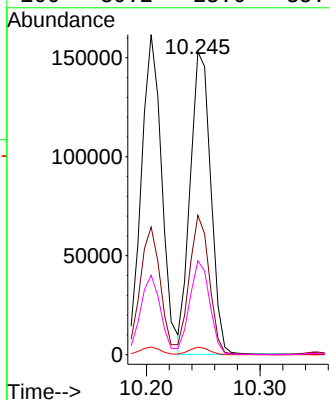
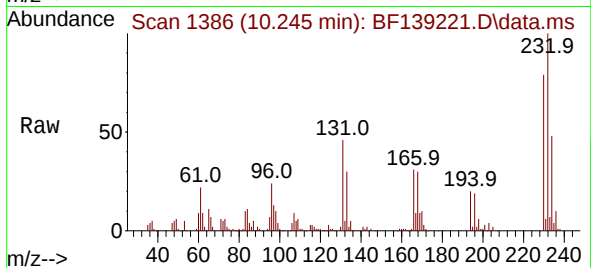




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.038 ng
RT: 10.245 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

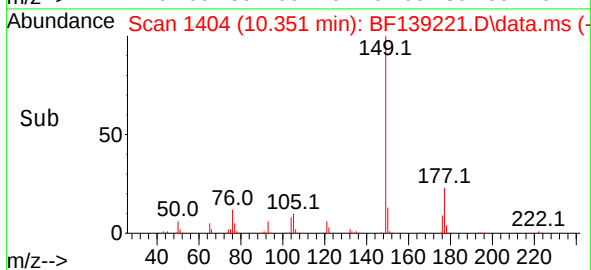
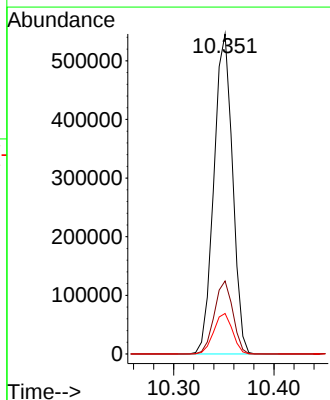
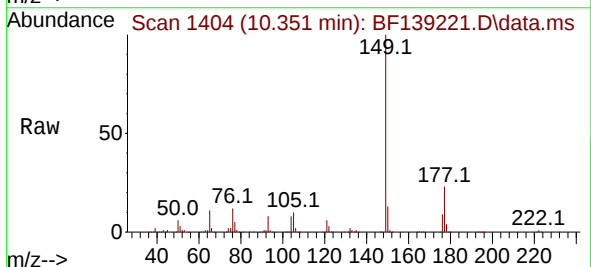
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

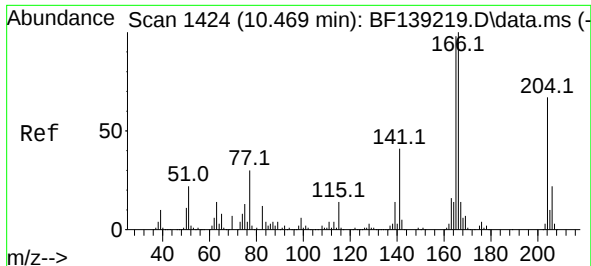
Tgt Ion:232 Resp: 191845
Ion Ratio Lower Upper
232 100
131 45.5 34.6 52.0
130 2.4 1.8 2.8
166 30.2 23.6 35.4



#60
Diethylphthalate
Concen: 58.277 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion:149 Resp: 702507
Ion Ratio Lower Upper
149 100
177 22.8 18.2 27.4
150 12.7 10.1 15.1

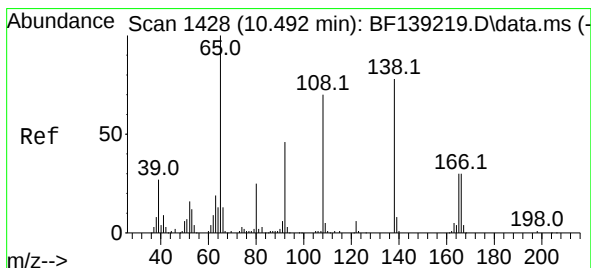
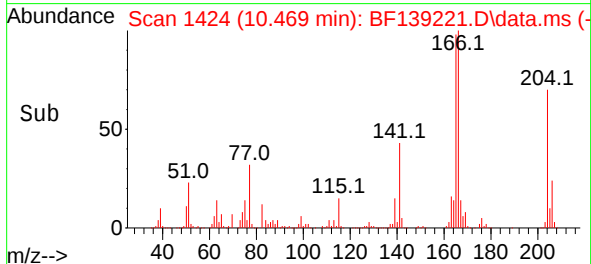
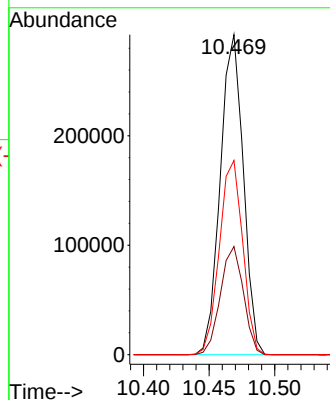
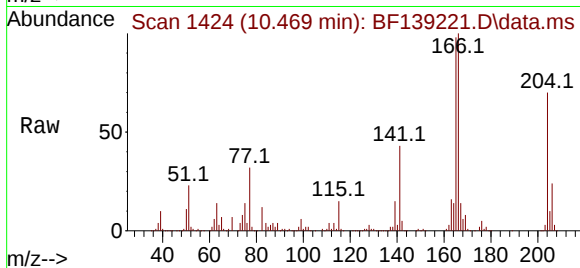




#61
4-Chlorophenyl-phenylether
Concen: 57.362 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

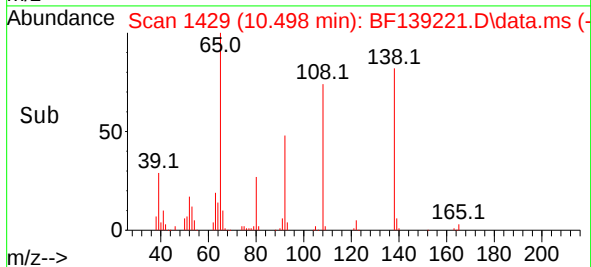
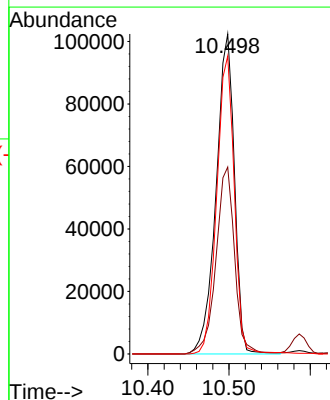
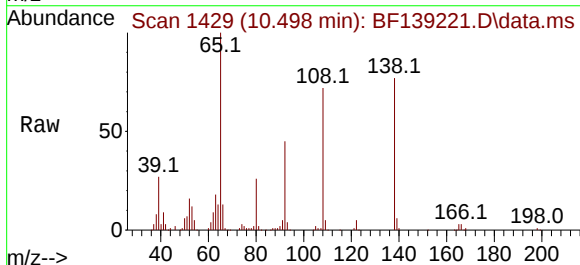
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

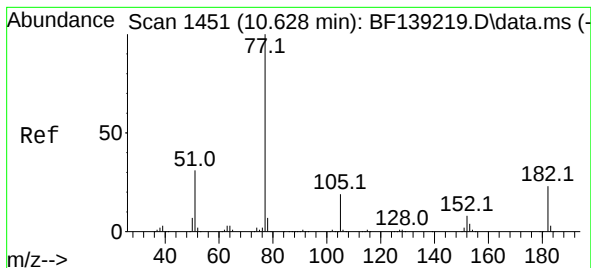
Tgt Ion:204 Resp: 356795
Ion Ratio Lower Upper
204 100
206 33.8 26.2 39.2
141 60.7 49.1 73.7



#62
4-Nitroaniline
Concen: 61.048 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.006 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion:138 Resp: 160960
Ion Ratio Lower Upper
138 100
92 58.4 38.5 78.5
108 93.1 69.5 109.5





#63

Azobenzene

Concen: 58.112 ng

RT: 10.628 min Scan# 1451

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion: 77 Resp: 772111

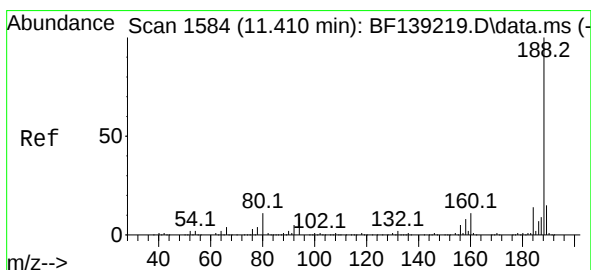
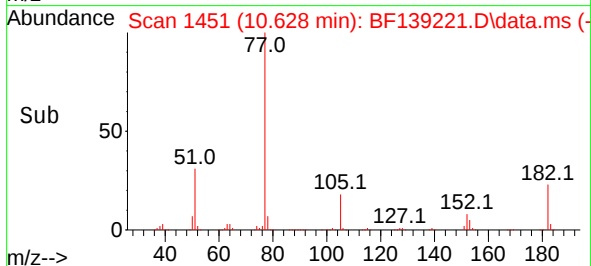
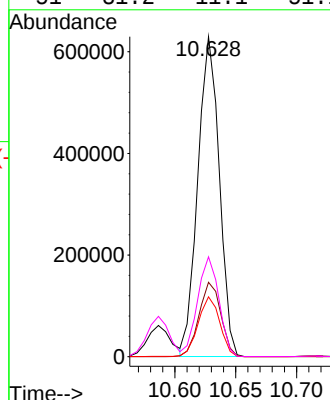
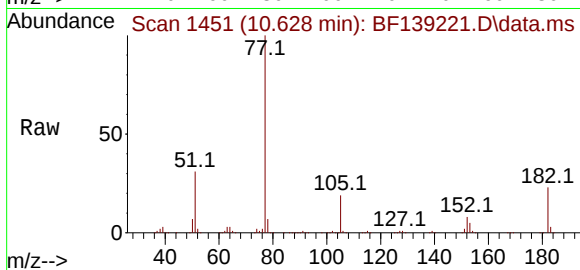
Ion Ratio Lower Upper

77 100

182 23.3 3.2 43.2

105 18.7 0.0 38.8

51 31.2 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: BF139221.D

Acq: 29 Aug 2024 14:15

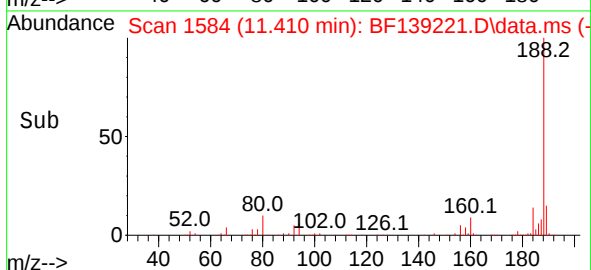
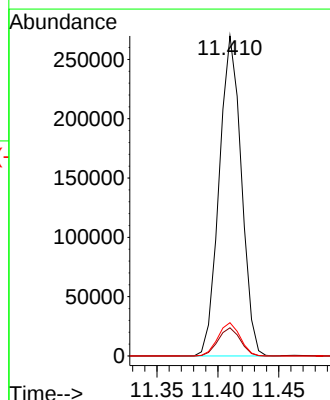
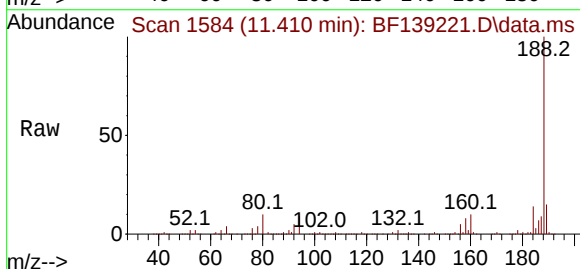
Tgt Ion:188 Resp: 342050

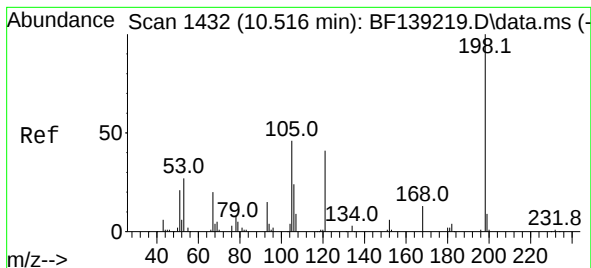
Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 10.4 8.6 12.8

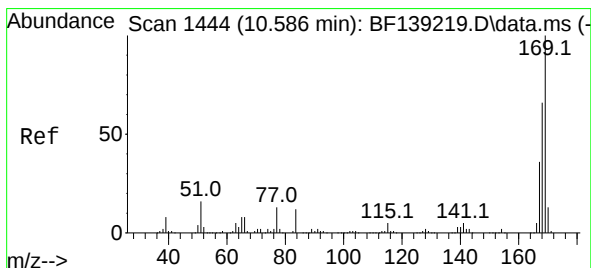
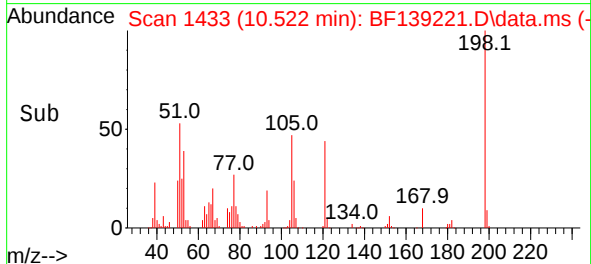
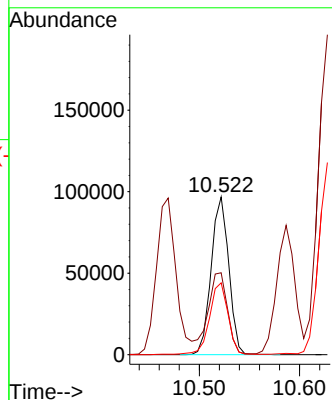
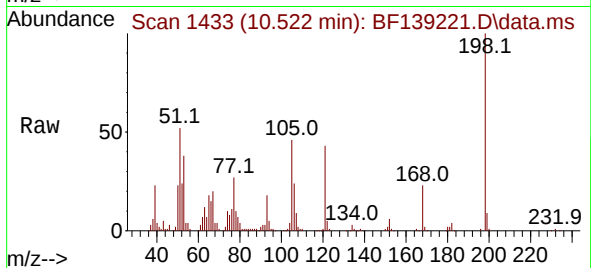




#65
4,6-Dinitro-2-methylphenol
Concen: 69.841 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

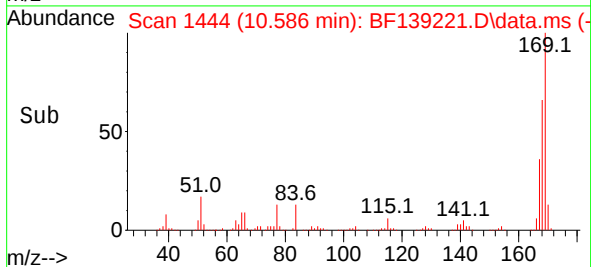
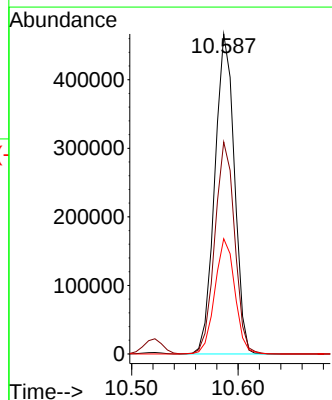
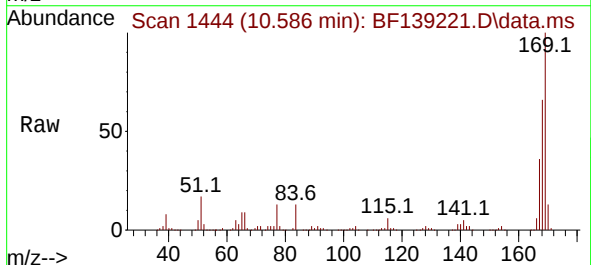
Instrument :
BNA_F
ClientSampleId :
SSTDIC060

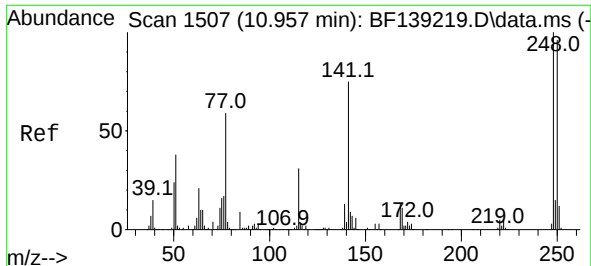
Tgt Ion:198 Resp: 118007
Ion Ratio Lower Upper
198 100
51 51.9 34.4 74.4
105 45.5 27.1 67.1



#66
n-Nitrosodiphenylamine
Concen: 58.620 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion:169 Resp: 595538
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.6
167 36.0 28.6 42.8

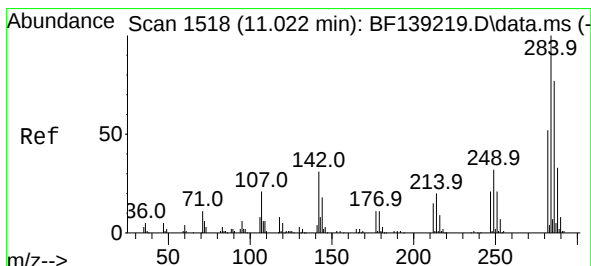
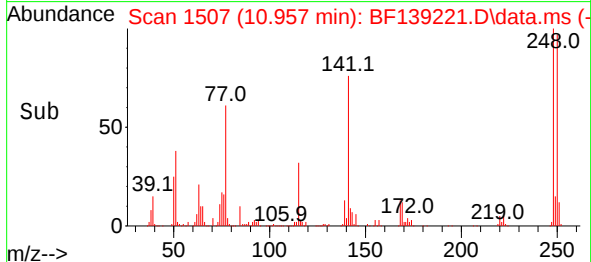
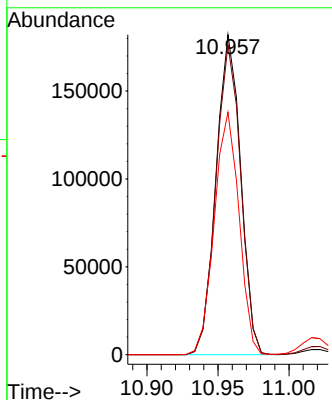
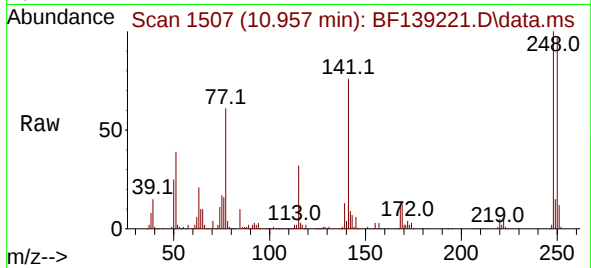




#67
4-Bromophenyl-phenylether
Concen: 59.153 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

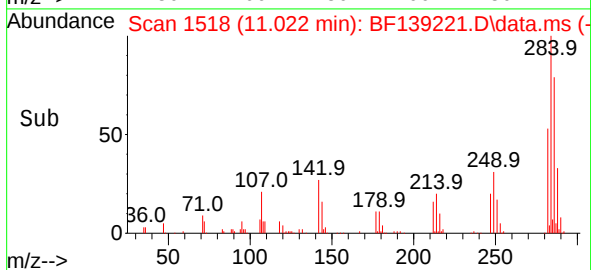
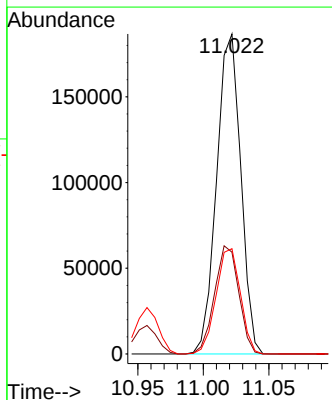
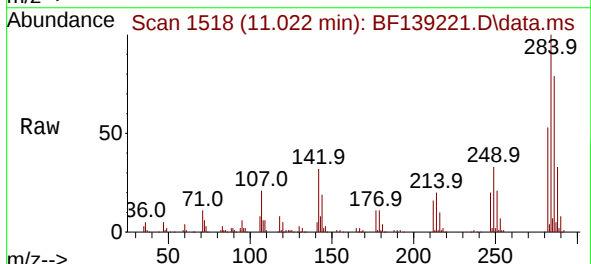
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

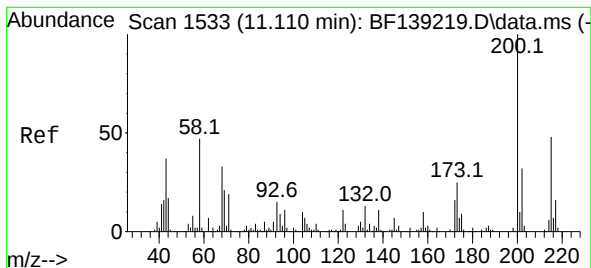
Tgt Ion:248 Resp: 219896
Ion Ratio Lower Upper
248 100
250 96.9 77.1 115.7
141 75.7 60.0 90.0



#68
Hexachlorobenzene
Concen: 58.696 ng
RT: 11.022 min Scan# 1518
Delta R.T. -0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion:284 Resp: 238654
Ion Ratio Lower Upper
284 100
142 31.8 24.7 37.1
249 32.9 25.8 38.6





#69

Atrazine

Concen: 45.389 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

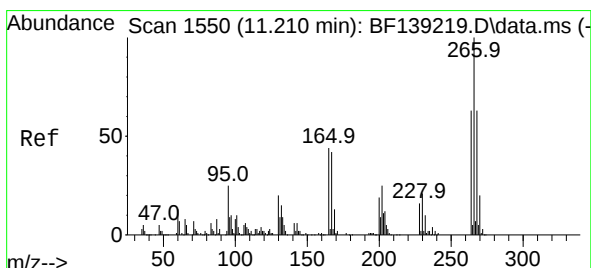
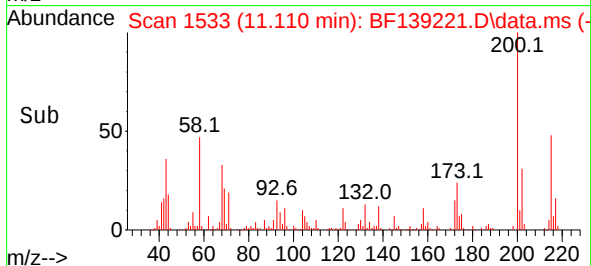
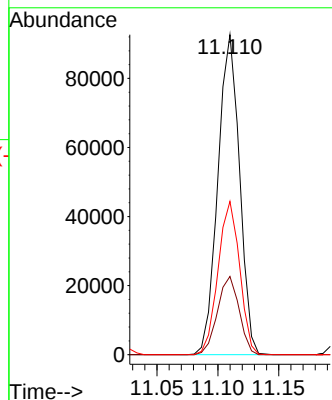
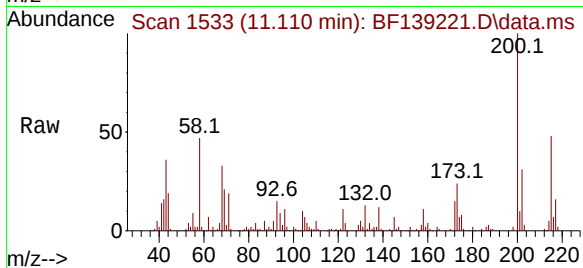
Tgt Ion:200 Resp: 114692

Ion Ratio Lower Upper

200 100

173 24.5 4.7 44.7

215 47.9 28.1 68.1



#70

Pentachlorophenol

Concen: 62.891 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

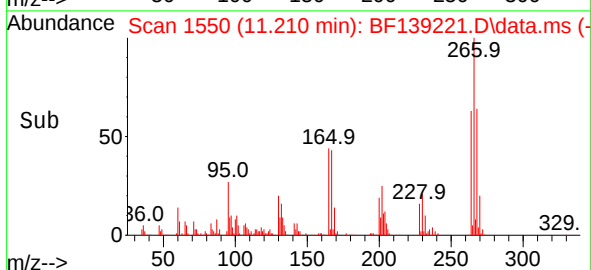
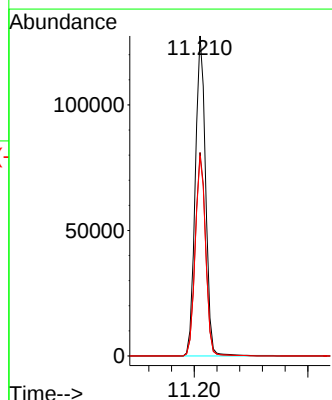
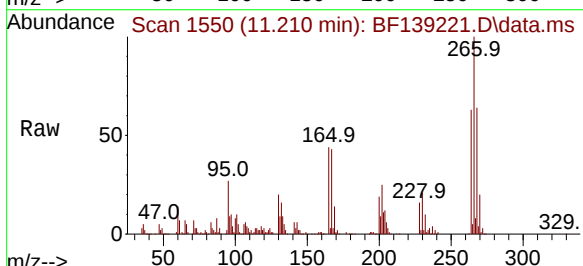
Tgt Ion:266 Resp: 161803

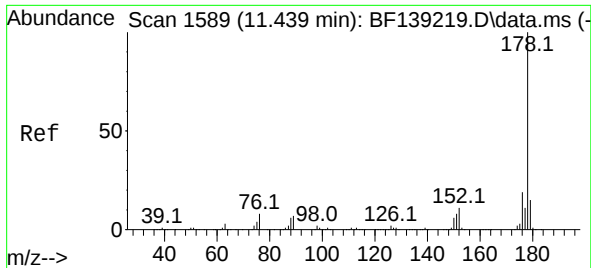
Ion Ratio Lower Upper

266 100

268 63.6 50.1 75.1

264 62.6 50.2 75.4

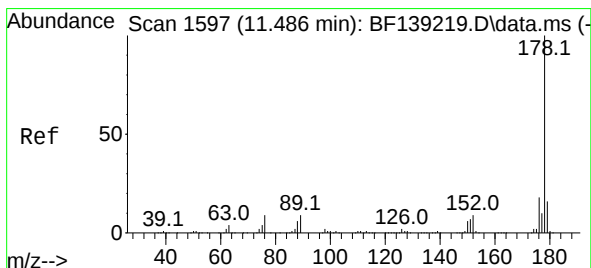
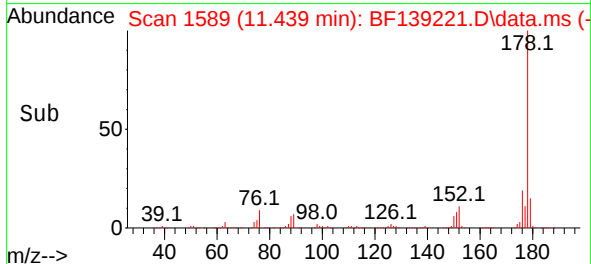
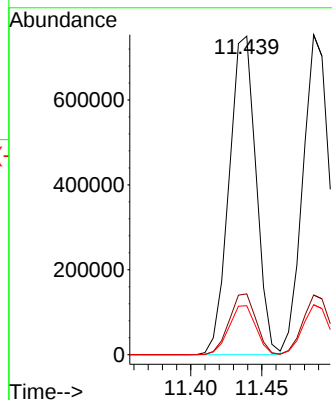
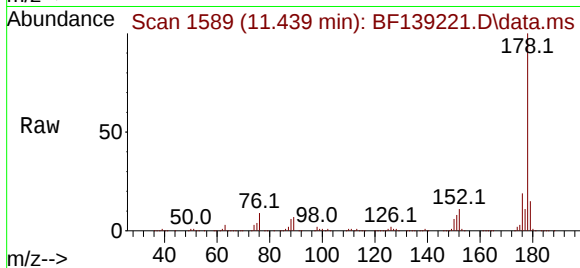




#71
Phenanthrene
Concen: 57.552 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

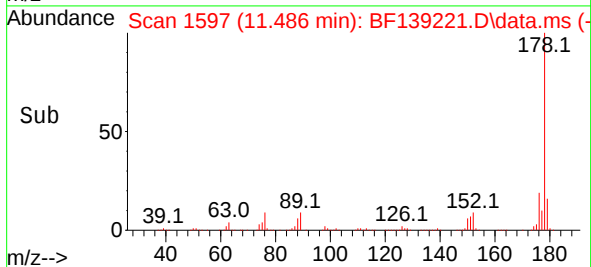
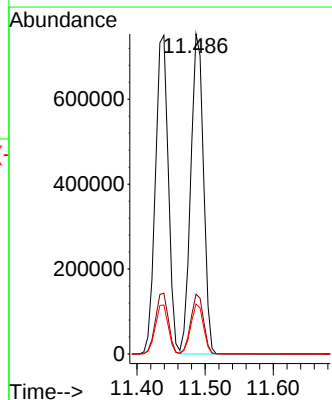
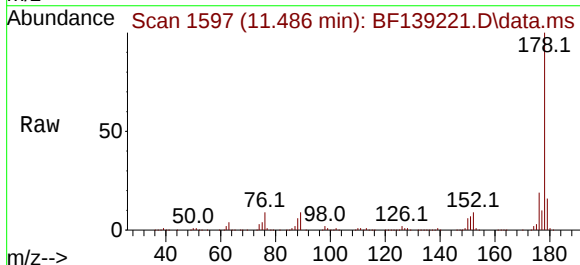
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

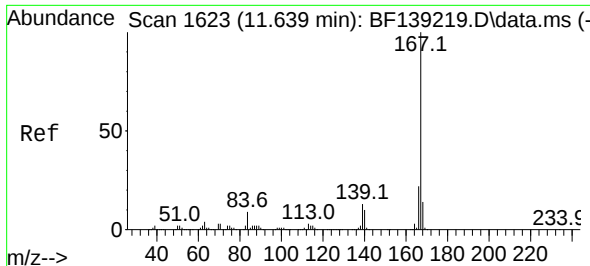
Tgt Ion:178 Resp: 990142
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.4 12.3 18.5



#72
Anthracene
Concen: 57.685 ng
RT: 11.486 min Scan# 1597
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion:178 Resp: 968742
Ion Ratio Lower Upper
178 100
176 18.7 14.7 22.1
179 15.6 12.4 18.6

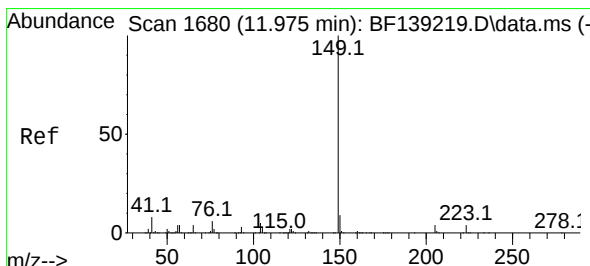
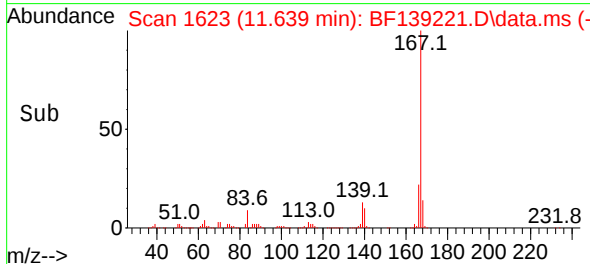
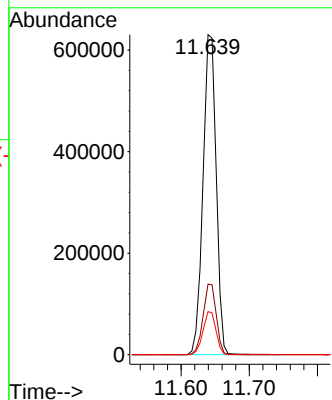
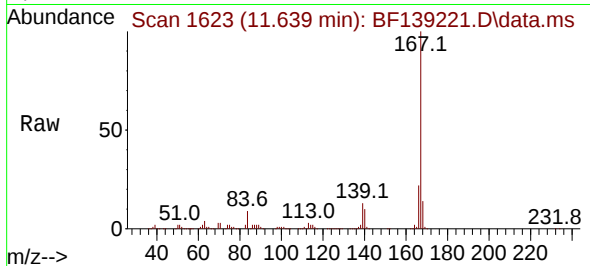




#73
 Carbazole
 Concen: 57.278 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF139221.D
 Acq: 29 Aug 2024 14:15

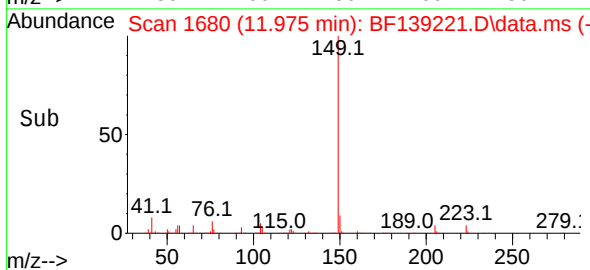
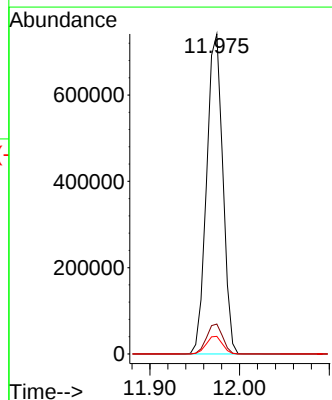
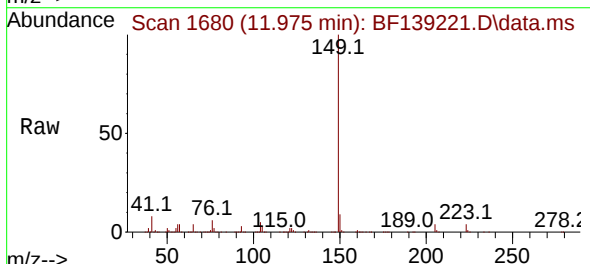
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

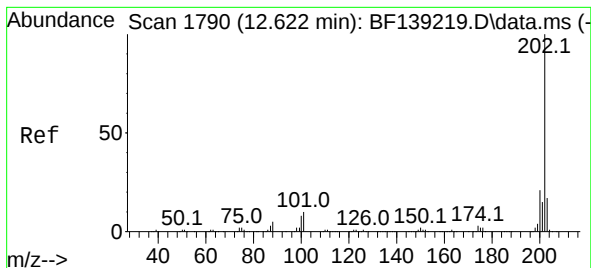
Tgt Ion:167 Resp: 848667
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.3 25.9
 139 13.4 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 58.488 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139221.D
 Acq: 29 Aug 2024 14:15

Tgt Ion:149 Resp: 926539
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.5 4.2 6.2





#75

Fluoranthene

Concen: 55.753 ng

RT: 12.622 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

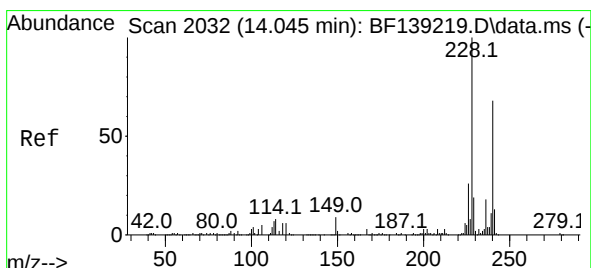
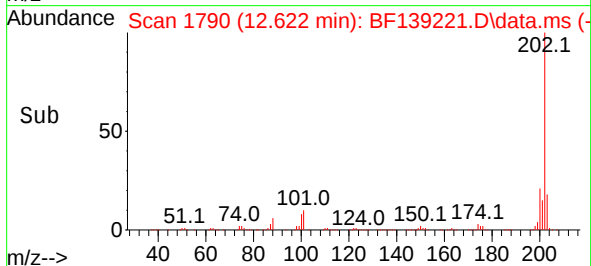
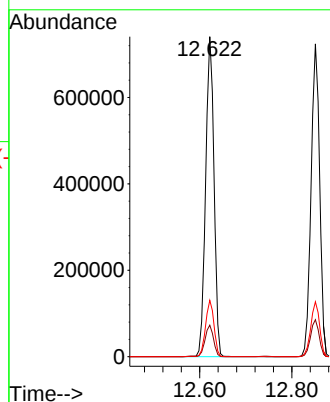
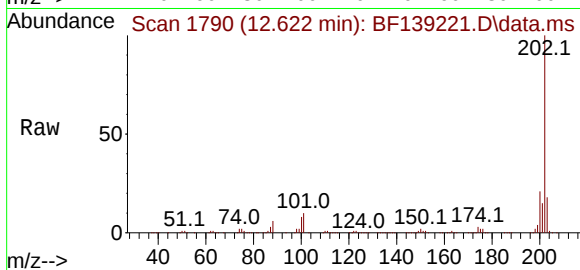
Tgt Ion:202 Resp: 944319

Ion Ratio Lower Upper

202 100

101 9.8 0.0 30.2

203 17.6 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: BF139221.D

Acq: 29 Aug 2024 14:15

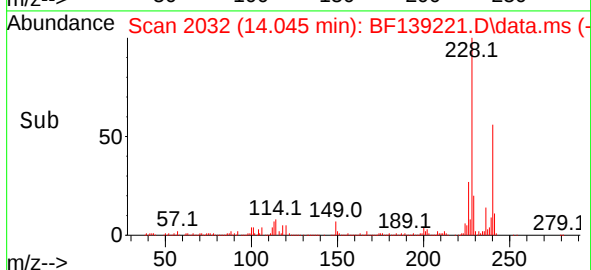
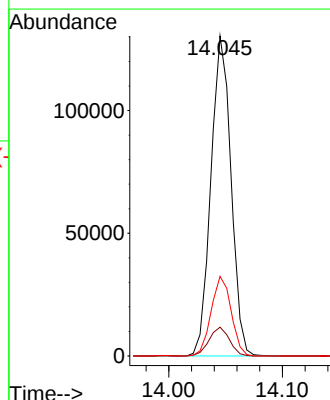
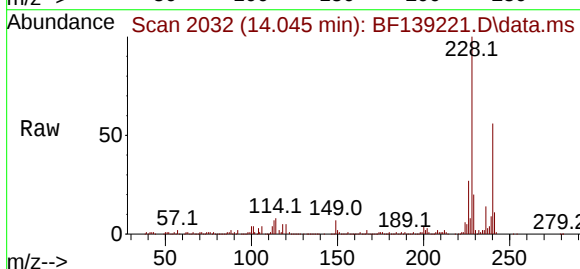
Tgt Ion:240 Resp: 160256

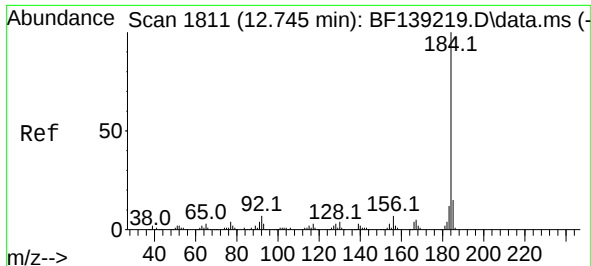
Ion Ratio Lower Upper

240 100

120 9.0 7.4 11.2

236 24.8 20.9 31.3

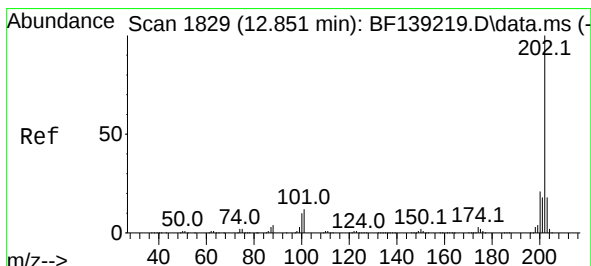
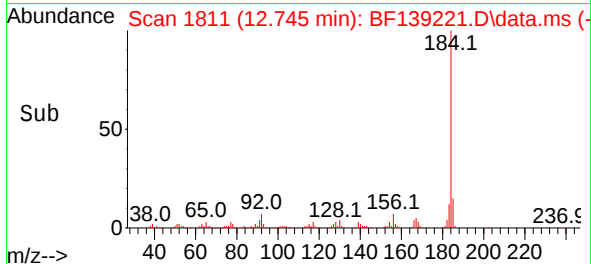
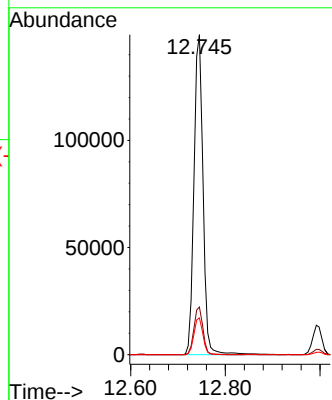
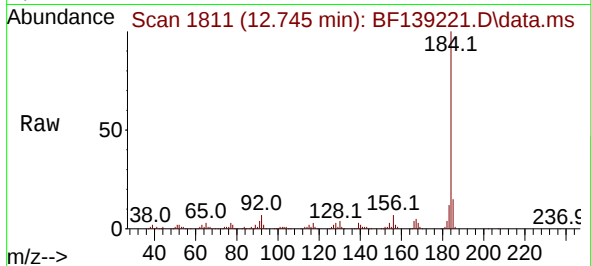




#77
Benzidine
Concen: 62.482 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

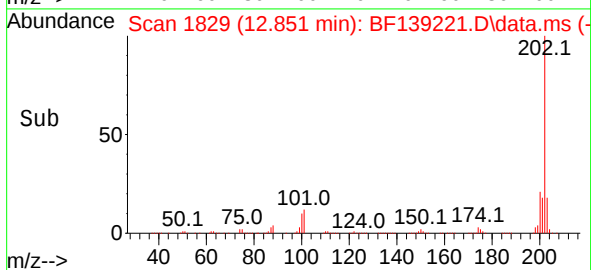
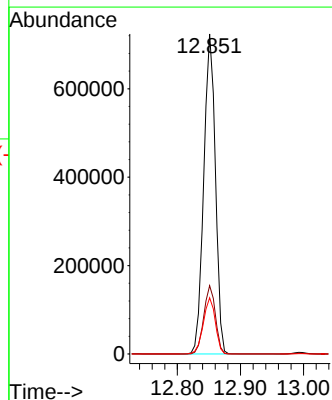
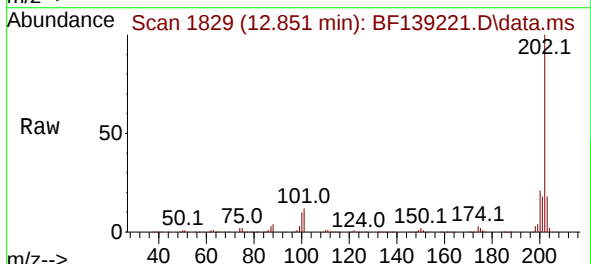
Instrument :
BNA_F
ClientSampleId :
SSTDICC060

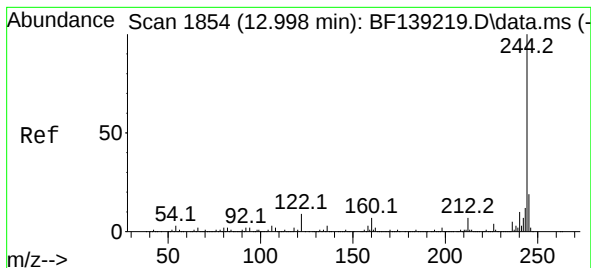
Tgt Ion:184 Resp: 197889
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 11.5 9.5 14.3



#78
Pyrene
Concen: 60.447 ng
RT: 12.851 min Scan# 1829
Delta R.T. 0.000 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion:202 Resp: 930877
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.6
203 17.5 14.2 21.2





#79

Terphenyl-d14

Concen: 119.196 ng

RT: 12.992 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

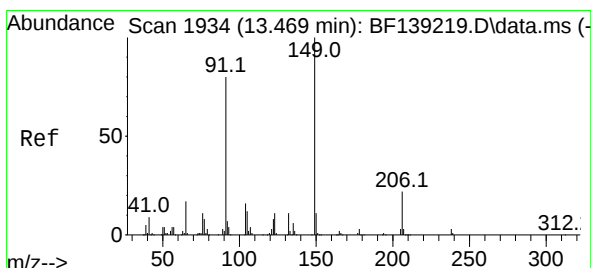
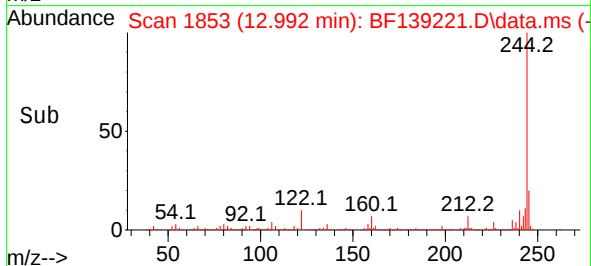
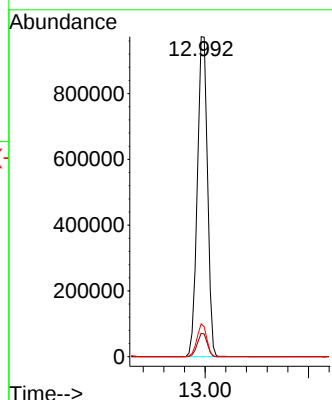
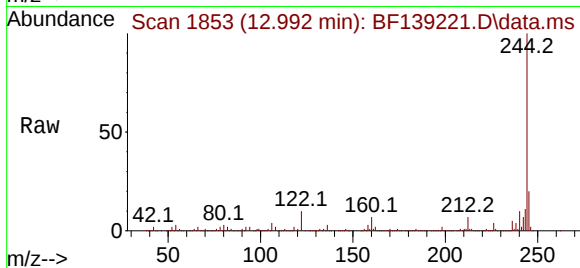
Tgt Ion:244 Resp: 1325188

Ion Ratio Lower Upper

244 100

212 7.3 5.7 8.5

122 10.3 7.4 11.2



#80

Butylbenzylphthalate

Concen: 62.955 ng

RT: 13.469 min Scan# 1934

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

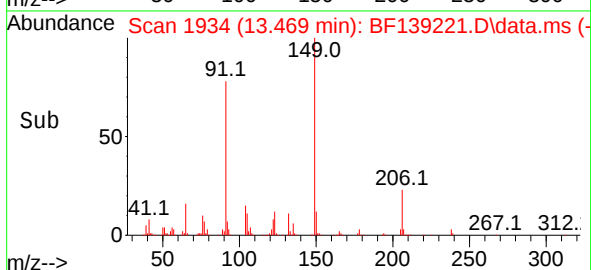
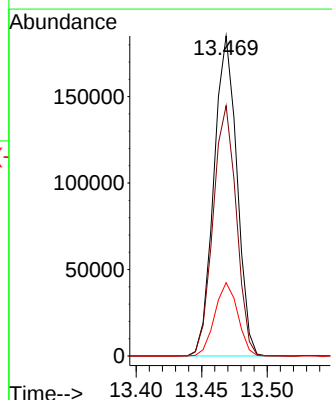
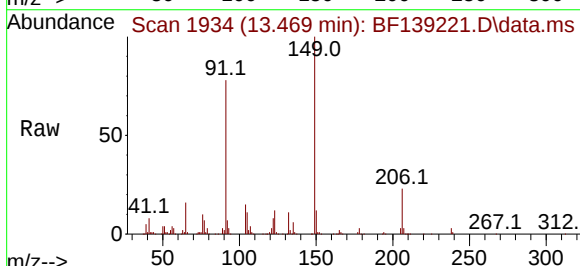
Tgt Ion:149 Resp: 225930

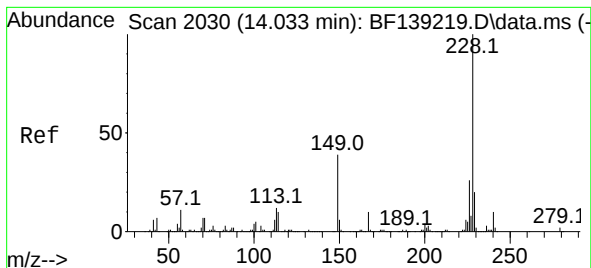
Ion Ratio Lower Upper

149 100

91 78.2 64.0 96.0

206 22.9 17.8 26.6





#81

Benzo(a)anthracene

Concen: 57.798 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

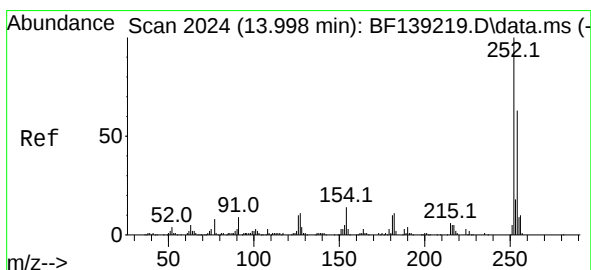
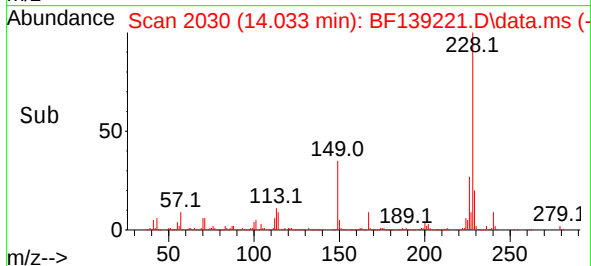
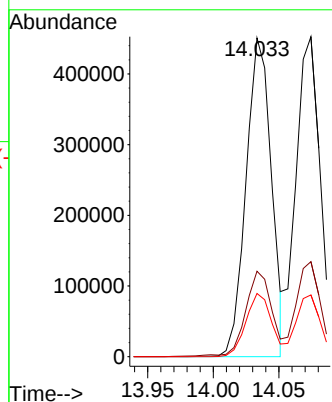
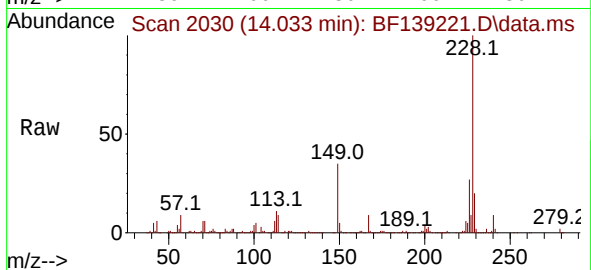
Tgt Ion:228 Resp: 606632

Ion Ratio Lower Upper

228 100

226 26.8 21.2 31.8

229 19.8 15.8 23.8



#82

3,3'-Dichlorobenzidine

Concen: 62.913 ng

RT: 13.998 min Scan# 2024

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

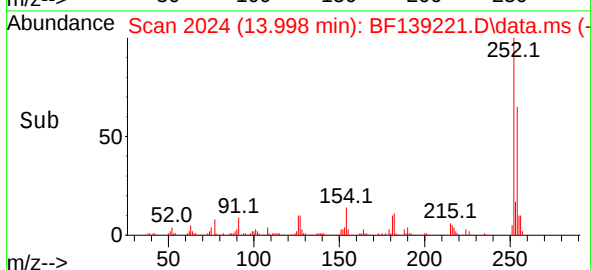
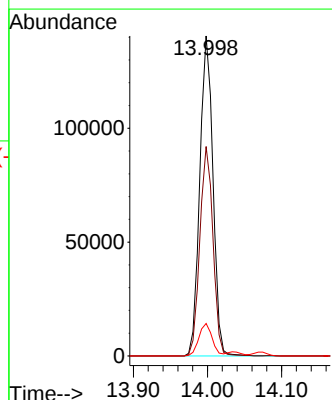
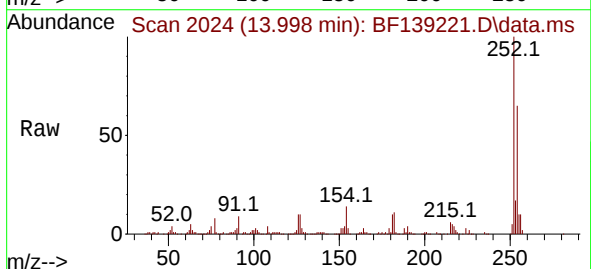
Tgt Ion:252 Resp: 173387

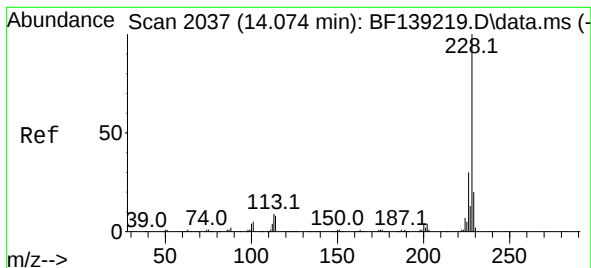
Ion Ratio Lower Upper

252 100

254 65.5 50.6 76.0

126 10.2 8.3 12.5





#83

Chrysene

Concen: 59.477 ng

RT: 14.075 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

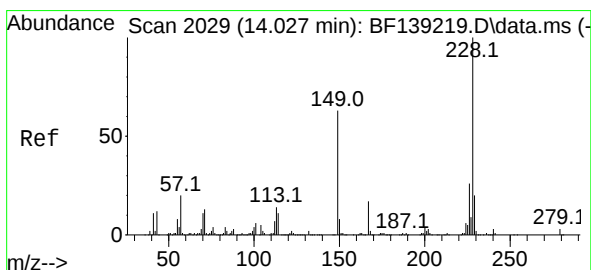
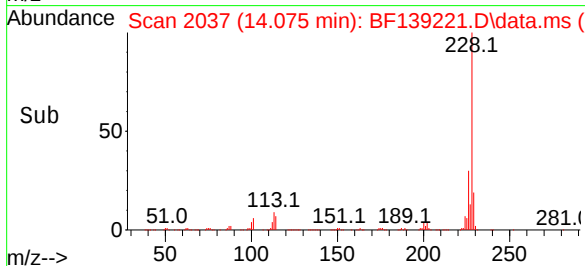
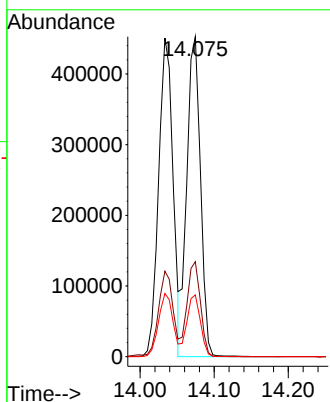
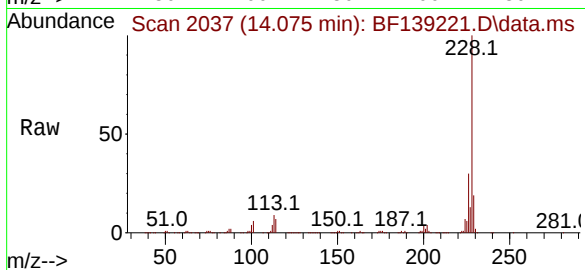
Tgt Ion:228 Resp: 581064

Ion Ratio Lower Upper

228 100

226 29.7 24.1 36.1

229 19.3 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.322 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

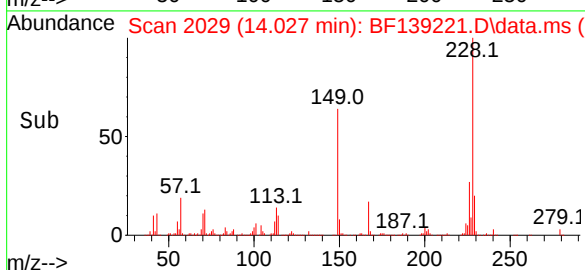
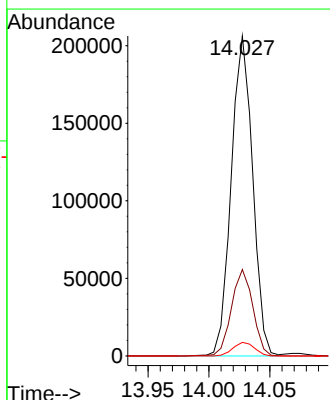
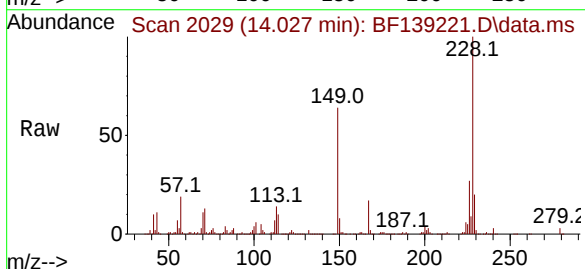
Tgt Ion:149 Resp: 252203

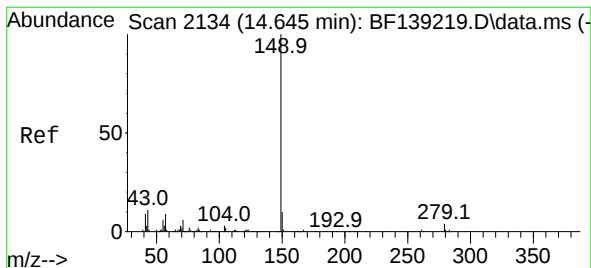
Ion Ratio Lower Upper

149 100

167 27.0 21.0 31.6

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 66.040 ng

RT: 14.639 min Scan# 2133

Delta R.T. -0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

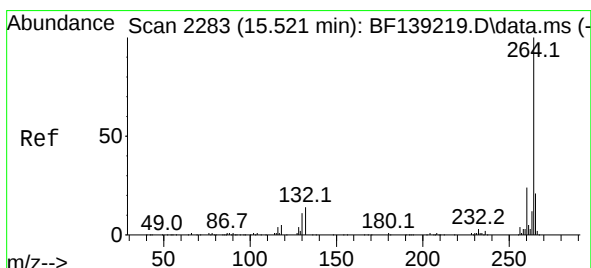
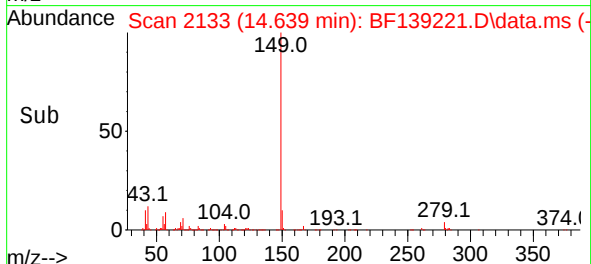
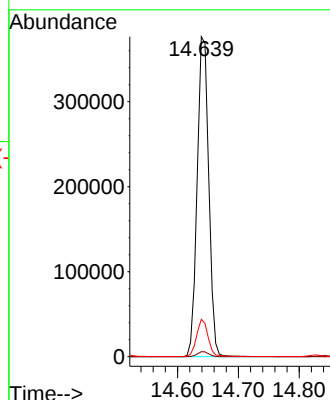
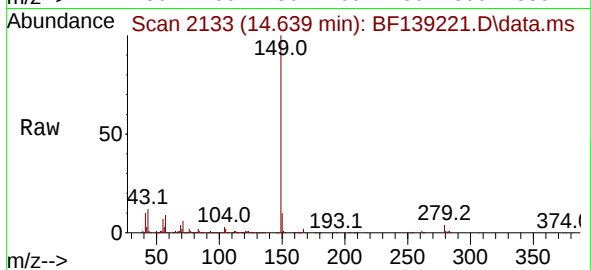
Tgt Ion:149 Resp: 497149

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.4 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.516 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

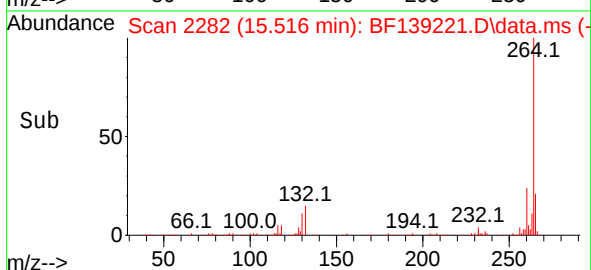
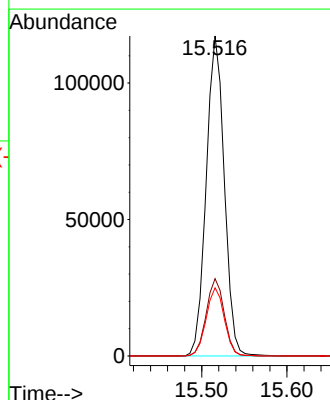
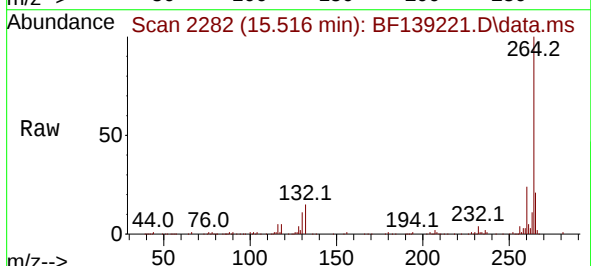
Tgt Ion:264 Resp: 172715

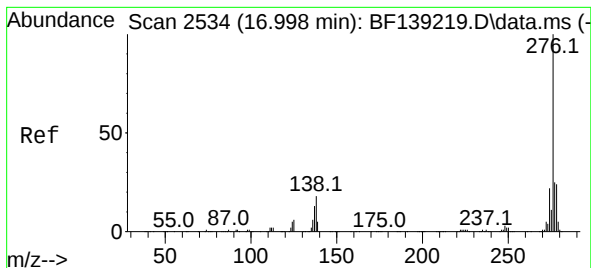
Ion Ratio Lower Upper

264 100

260 24.2 18.8 28.2

265 21.3 16.9 25.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.563 ng

RT: 17.004 min Scan# 2535

Delta R.T. 0.006 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

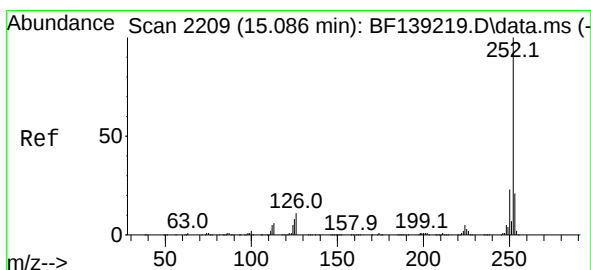
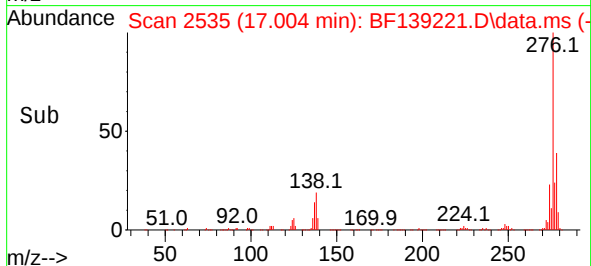
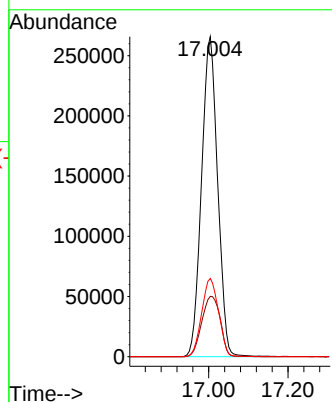
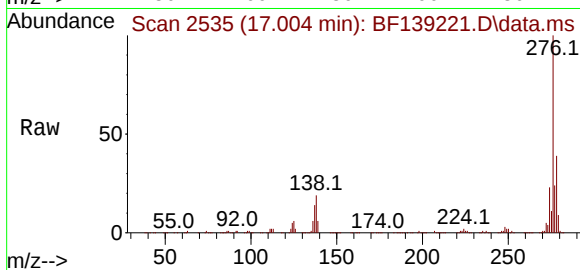
Tgt Ion:276 Resp: 749702

Ion Ratio Lower Upper

276 100

138 21.6 17.0 25.6

277 25.6 20.6 31.0



#88

Benzo(b)fluoranthene

Concen: 60.202 ng

RT: 15.086 min Scan# 2209

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

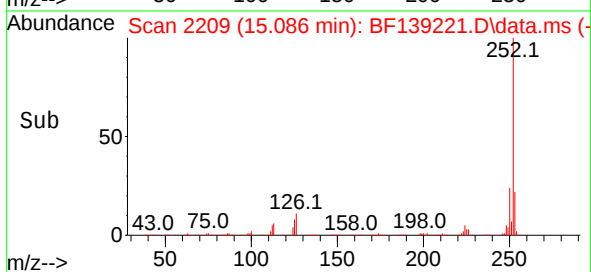
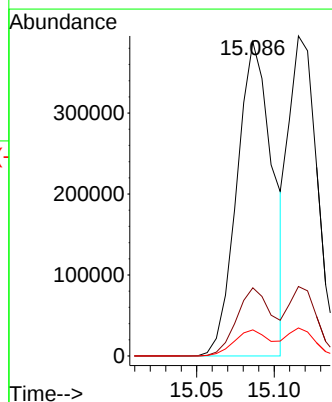
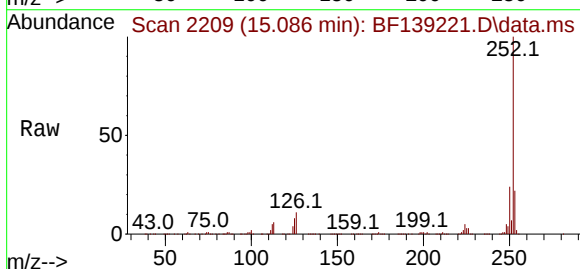
Tgt Ion:252 Resp: 622767

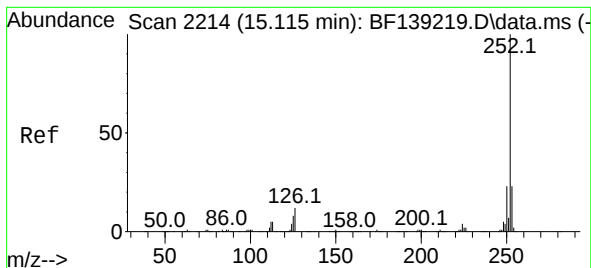
Ion Ratio Lower Upper

252 100

253 21.7 17.0 25.6

125 8.3 6.8 10.2





#89

Benzo(k)fluoranthene

Concen: 55.510 ng

RT: 15.116 min Scan# 2214

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

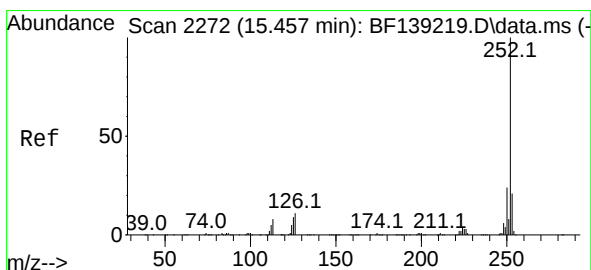
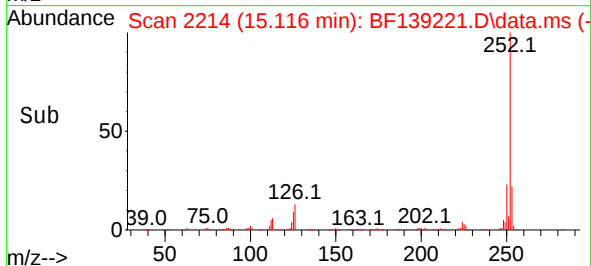
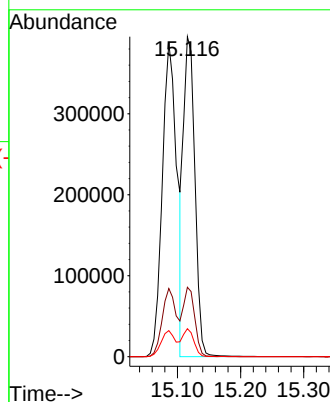
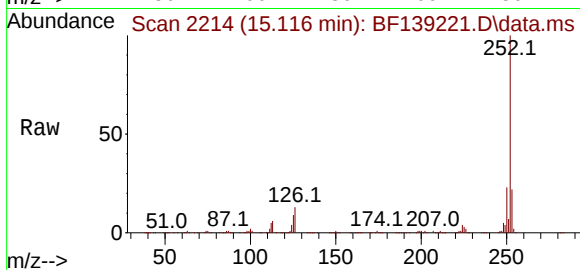
Tgt Ion:252 Resp: 500731

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.8 6.8 10.2



#90

Benzo(a)pyrene

Concen: 60.340 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.000 min

Lab File: BF139221.D

Acq: 29 Aug 2024 14:15

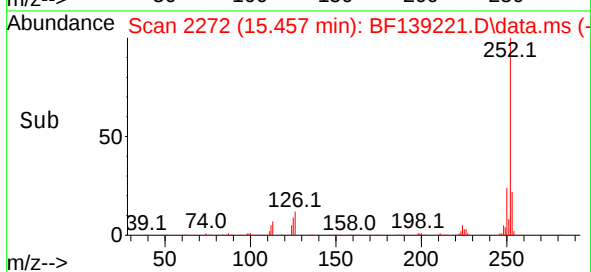
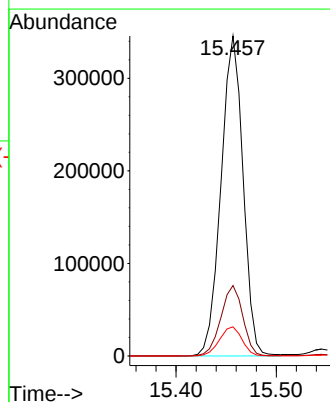
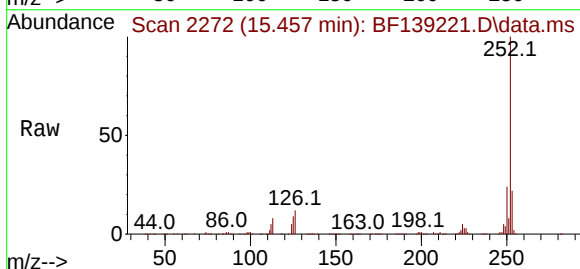
Tgt Ion:252 Resp: 526322

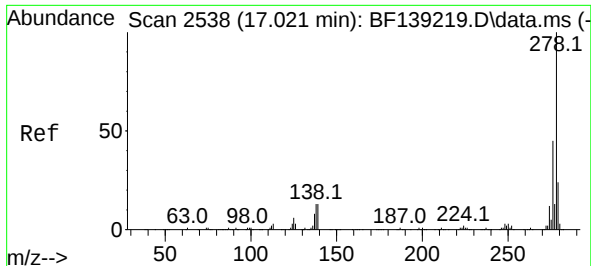
Ion Ratio Lower Upper

252 100

253 22.0 17.2 25.8

125 9.1 7.4 11.2

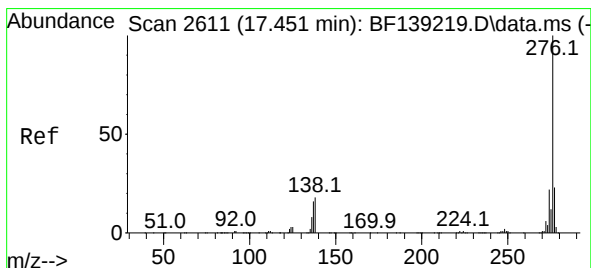
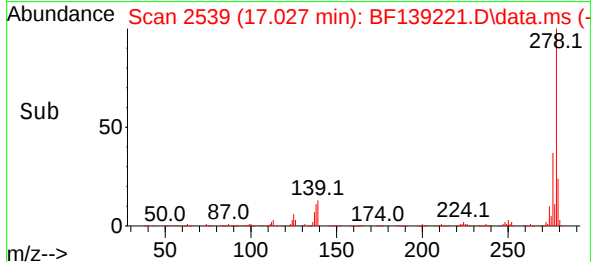
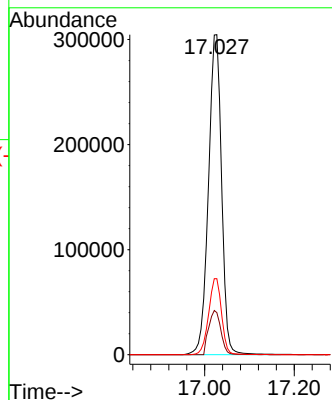
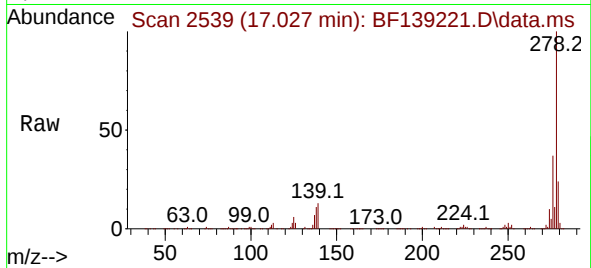




#91
Dibenzo(a,h)anthracene
Concen: 61.083 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:278 Resp: 619014
Ion Ratio Lower Upper
278 100
139 13.2 10.8 16.2
279 23.7 19.0 28.6



#92
Benzo(g,h,i)perylene
Concen: 61.538 ng
RT: 17.457 min Scan# 2612
Delta R.T. 0.006 min
Lab File: BF139221.D
Acq: 29 Aug 2024 14:15

Tgt Ion:276 Resp: 628534
Ion Ratio Lower Upper
276 100
277 23.8 18.6 27.8
138 18.1 14.5 21.7

