

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139144.D
 Acq On : 23 Aug 2024 13:44
 Operator : RC/JU
 Sample : P3669-05MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20430MSD

Quant Time: Aug 23 14:16:48 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	87523	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	318186	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	180671	20.000	ng	0.00
64) Phenanthrene-d10	11.422	188	283007	20.000	ng	0.00
76) Chrysene-d12	14.063	240	149222	20.000	ng	0.00
86) Perylene-d12	15.539	264	188099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	729522	128.239	ng	0.02
7) Phenol-d6	6.528	99	936700	127.431	ng	0.00
23) Nitrobenzene-d5	7.463	82	678923	124.332	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	264013	161.418	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1152384	101.200	ng	0.00
79) Terphenyl-d14	13.010	244	923875	102.732	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.863	88	94684	38.805	ng	# 82
3) Pyridine	3.569	79	227223	36.647	ng	99
4) n-Nitrosodimethylamine	3.510	42	160949	42.970	ng	99
6) Aniline	6.563	93	170200	25.649	ng	97
8) 2-Chlorophenol	6.687	128	269585	49.269	ng	96
9) Benzaldehyde	6.451	77	87877	20.384	ng	99
10) Phenol	6.546	94	339007	44.324	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	280683	45.634	ng	98
12) 1,3-Dichlorobenzene	6.840	146	294003	44.690	ng	100
13) 1,4-Dichlorobenzene	6.916	146	296818	45.125	ng	99
14) 1,2-Dichlorobenzene	7.069	146	283274	47.122	ng	99
15) Benzyl Alcohol	7.040	79	289399	49.814	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	417339	48.168	ng	97
17) 2-Methylphenol	7.151	107	231937	49.548	ng	98
18) Hexachloroethane	7.410	117	108632	47.097	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	228234	47.281	ng	99
20) 3+4-Methylphenols	7.304	107	297608	49.070	ng	# 82
22) Acetophenone	7.310	105	403689	49.689	ng	96
24) Nitrobenzene	7.481	77	339364	55.912	ng	98
25) Isophorone	7.722	82	605682	52.186	ng	99
26) 2-Nitrophenol	7.798	139	137650	63.050	ng	95
27) 2,4-Dimethylphenol	7.834	122	226447	61.528	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	342747	50.541	ng	99
29) 2,4-Dichlorophenol	8.034	162	240548	52.463	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	253566	47.229	ng	100
31) Naphthalene	8.204	128	798747	49.538	ng	100
32) Benzoic acid	7.940	122	144116	47.192	ng	97
33) 4-Chloroaniline	8.245	127	47106	8.530	ng	99
34) Hexachlorobutadiene	8.316	225	169238	48.255	ng	99
35) Caprolactam	8.616	113	40508	27.866	ng	100
36) 4-Chloro-3-methylphenol	8.728	107	263849	51.972	ng	99
37) 2-Methylnaphthalene	8.892	142	526752	50.932	ng	100
38) 1-Methylnaphthalene	8.992	142	490289	49.119	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	263593	53.974	ng	98
41) Hexachlorocyclopentadiene	9.045	237	353824	186.121	ng	100
43) 2,4,6-Trichlorophenol	9.169	196	180050	53.940	ng	99

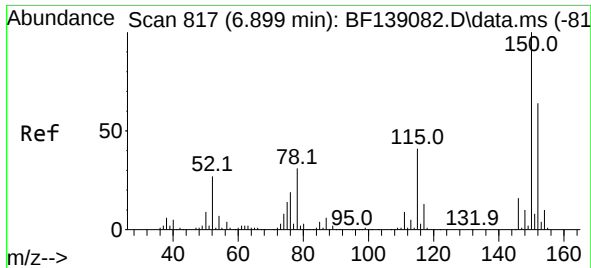
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	184046	53.716	ng	99
46) 1,1'-Biphenyl	9.357	154	649988	52.519	ng	100
47) 2-Chloronaphthalene	9.381	162	508312	50.547	ng	100
48) 2-Nitroaniline	9.475	65	173304	58.700	ng	99
49) Acenaphthylene	9.798	152	791339	54.933	ng	100
50) Dimethylphthalate	9.663	163	598108	53.623	ng	100
51) 2,6-Dinitrotoluene	9.722	165	126539	55.754	ng	93
52) Acenaphthene	9.975	154	563326	59.199	ng	97
53) 3-Nitroaniline	9.886	138	71340	32.948	ng	# 97
54) 2,4-Dinitrophenol	9.992	184	124941	106.623	ng	# 53
55) Dibenzofuran	10.145	168	715115	51.739	ng	100
56) 4-Nitrophenol	10.045	139	156378	92.751	ng	100
57) 2,4-Dinitrotoluene	10.122	165	164500	57.419	ng	96
58) Fluorene	10.486	166	551760	49.952	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.257	232	152743	55.522	ng	99
60) Diethylphthalate	10.363	149	562552	50.902	ng	100
61) 4-Chlorophenyl-phenyle...	10.481	204	284119	51.502	ng	98
62) 4-Nitroaniline	10.504	138	101527	44.629	ng	98
63) Azobenzene	10.639	77	624937	50.884	ng	99
65) 4,6-Dinitro-2-methylph...	10.528	198	79717	68.401	ng	93
66) n-Nitrosodiphenylamine	10.598	169	467443	55.821	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	171196	57.087	ng	98
68) Hexachlorobenzene	11.028	284	176876	54.977	ng	98
69) Atrazine	11.122	200	138087	53.994	ng	98
70) Pentachlorophenol	11.222	266	209850	102.111	ng	99
71) Phenanthrene	11.451	178	744697	51.770	ng	100
72) Anthracene	11.498	178	757032	53.813	ng	100
73) Carbazole	11.651	167	570790	43.451	ng	100
74) Di-n-butylphthalate	11.986	149	718734	47.186	ng	100
75) Fluoranthene	12.633	202	618537	40.287	ng	100
77) Benzidine	12.757	184	96267	31.231	ng	99
78) Pyrene	12.863	202	614015	49.307	ng	100
80) Butylbenzylphthalate	13.486	149	215207	49.953	ng	99
81) Benzo(a)anthracene	14.051	228	515662	52.569	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	129100	47.084	ng	99
83) Chrysene	14.086	228	482354	54.251	ng	100
84) Bis(2-ethylhexyl)phtha...	14.045	149	288008	50.427	ng	100
85) Di-n-octyl phthalate	14.663	149	532220	66.394	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	618616	56.194	ng	99
88) Benzo(b)fluoranthene	15.110	252	568555	46.364	ng	99
89) Benzo(k)fluoranthene	15.139	252	540841	52.954	ng	99
90) Benzo(a)pyrene	15.480	252	539776	55.706	ng	100
91) Dibenzo(a,h)anthracene	17.057	278	499098	55.230	ng	100
92) Benzo(g,h,i)perylene	17.480	276	453411	44.154	ng	99

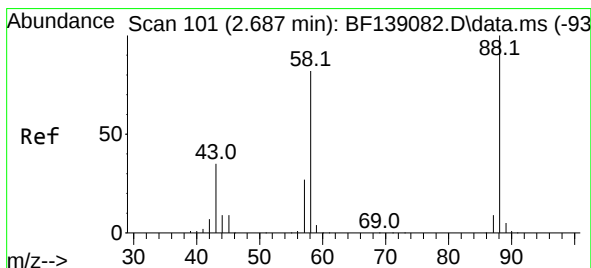
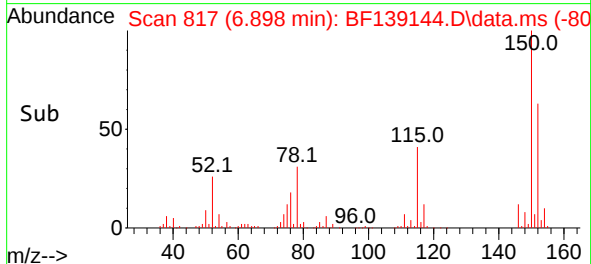
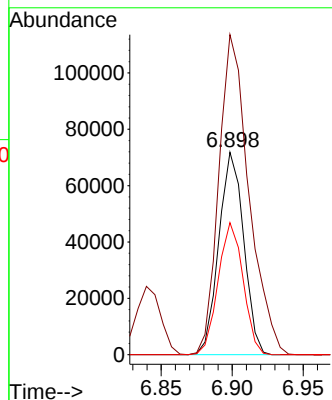
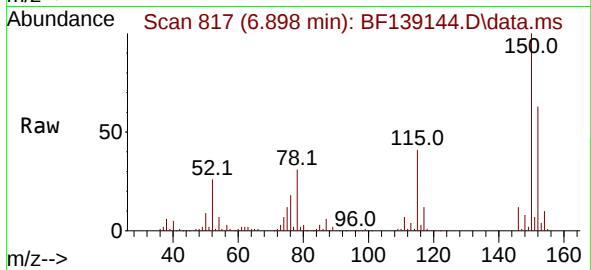
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139144.D
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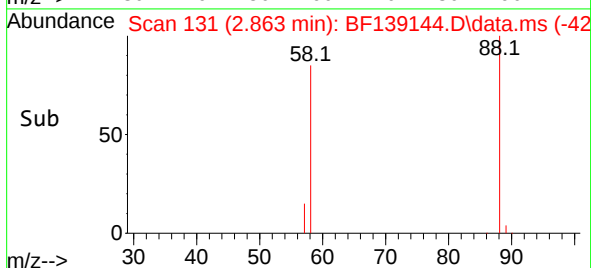
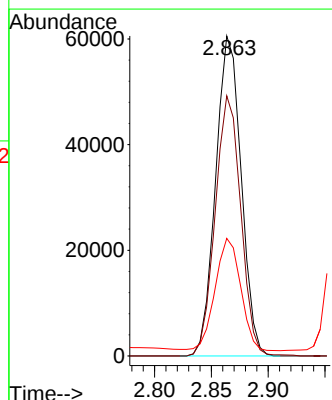
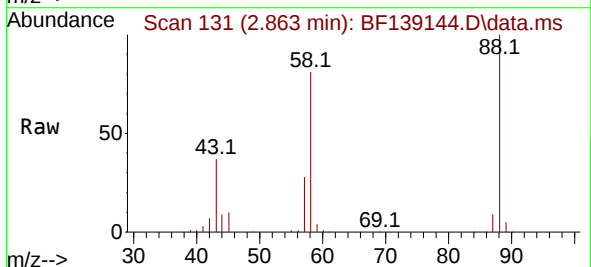
Instrument :
BNA_F
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20430MSD

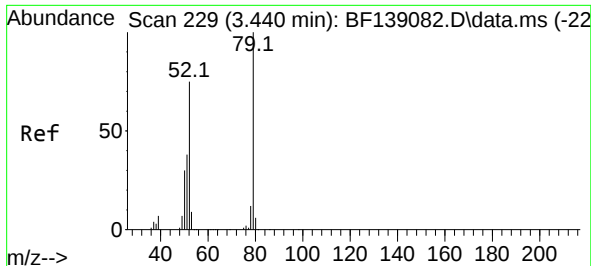
Tgt Ion:152 Resp: 87523
Ion Ratio Lower Upper
152 100
150 158.1 125.1 187.7
115 65.2 51.8 77.6



#2
1,4-Dioxane
Concen: 38.805 ng
RT: 2.863 min Scan# 131
Delta R.T. 0.176 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion: 88 Resp: 94684
Ion Ratio Lower Upper
88 100
58 81.5 65.4 98.0
43 0.0 27.9 41.9#





#3

Pyridine

Concen: 36.647 ng

RT: 3.569 min Scan# 21

Delta R.T. 0.129 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

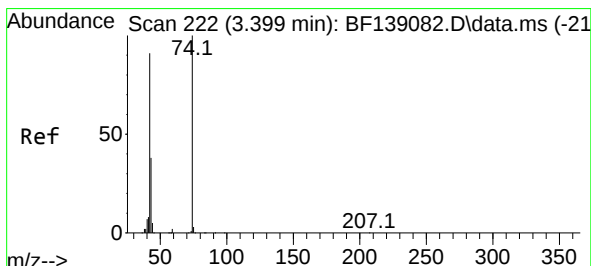
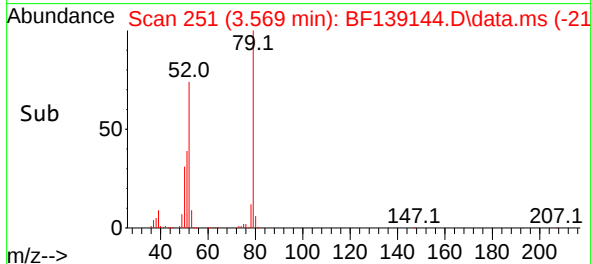
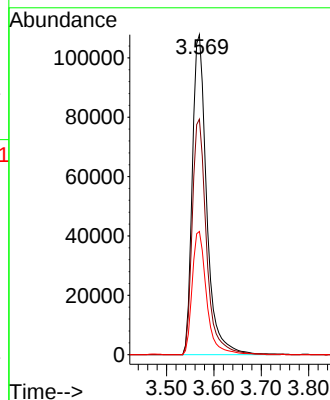
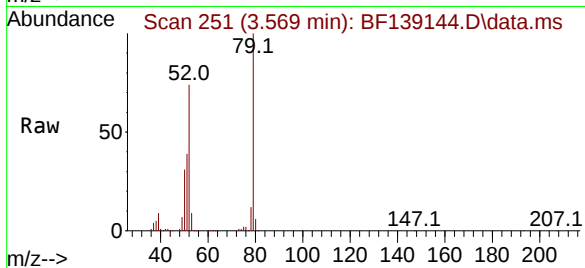
Tgt Ion: 79 Resp: 227223

Ion Ratio Lower Upper

79 100

52 73.6 59.7 89.5

51 38.5 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 42.970 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.112 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

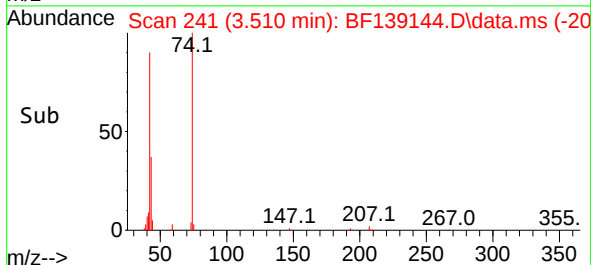
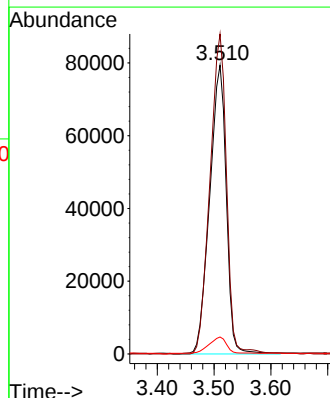
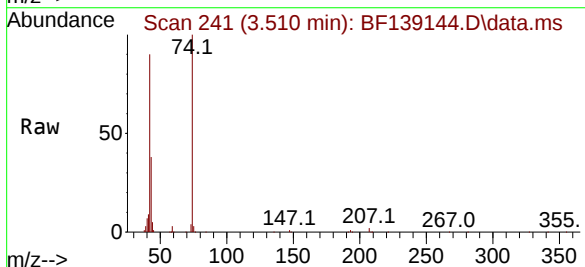
Tgt Ion: 42 Resp: 160949

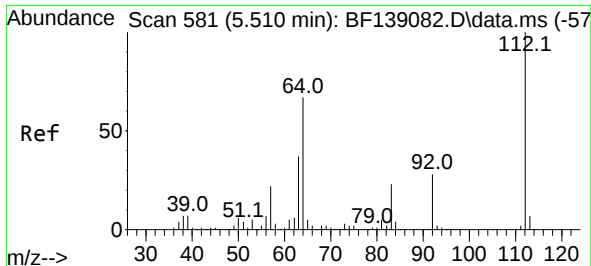
Ion Ratio Lower Upper

42 100

74 110.8 88.2 132.2

44 5.9 5.4 8.0

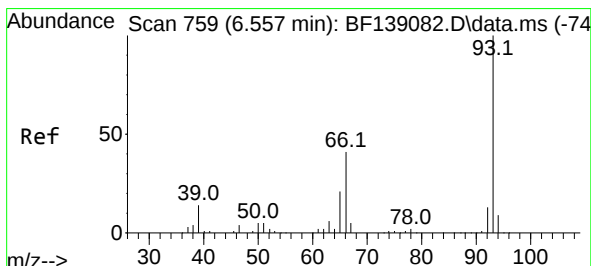
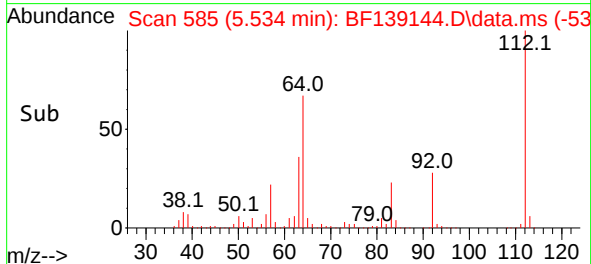
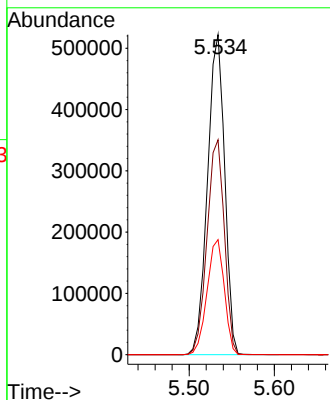
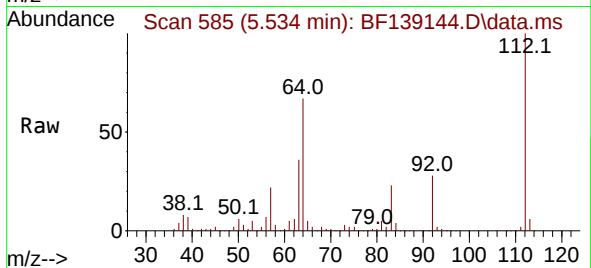




#5
2-Fluorophenol
Concen: 128.239 ng
RT: 5.534 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

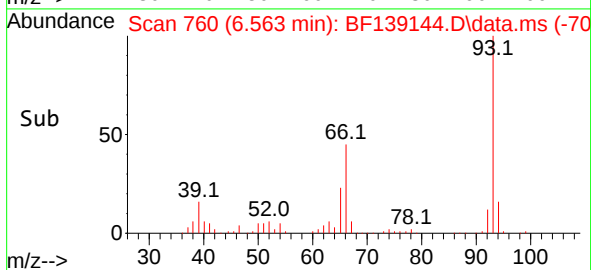
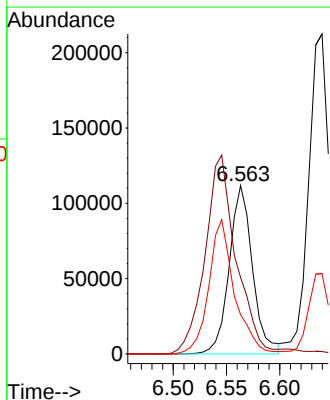
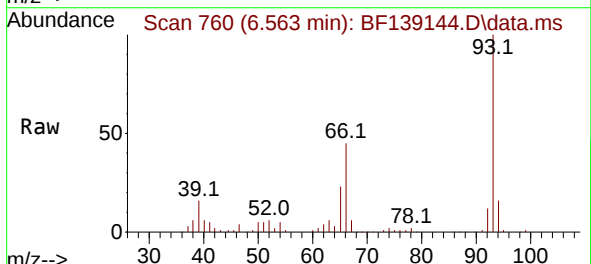
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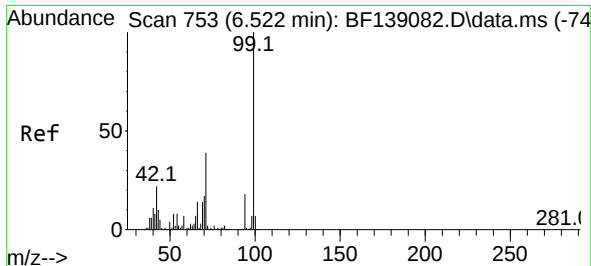
Tgt Ion:112 Resp: 729522
Ion Ratio Lower Upper
112 100
64 67.1 53.8 80.6
63 36.0 29.4 44.2



#6
Aniline
Concen: 25.649 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion: 93 Resp: 170200
Ion Ratio Lower Upper
93 100
66 45.5 35.1 52.7
65 23.3 17.4 26.2

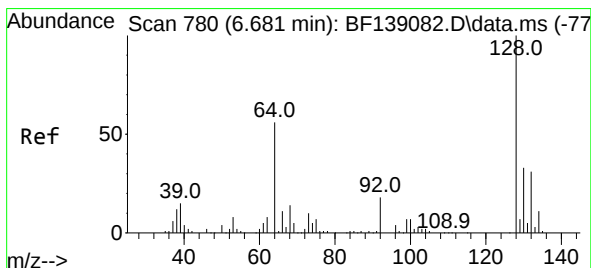
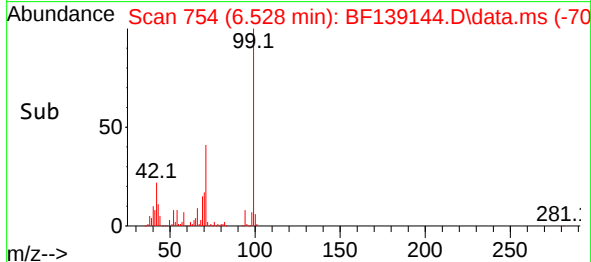
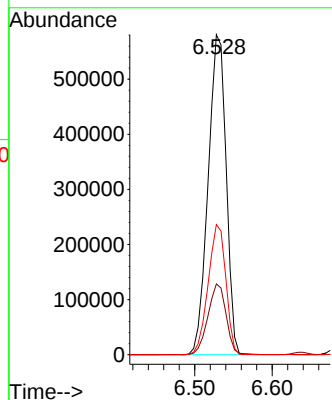
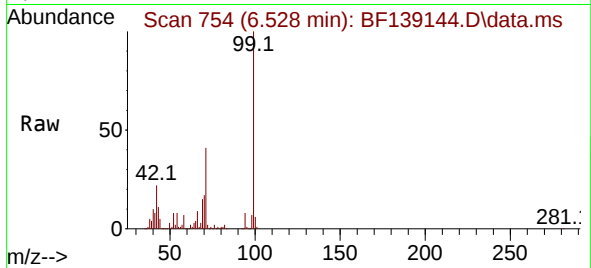




#7
Phenol-d6
Concen: 127.431 ng
RT: 6.528 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

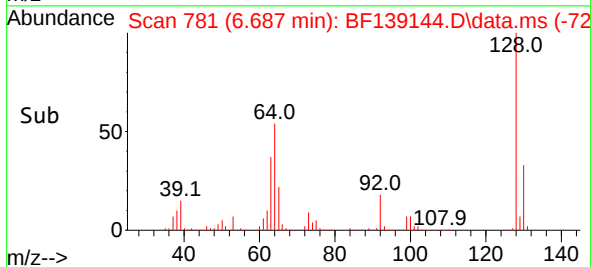
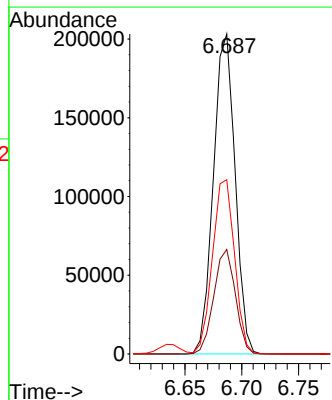
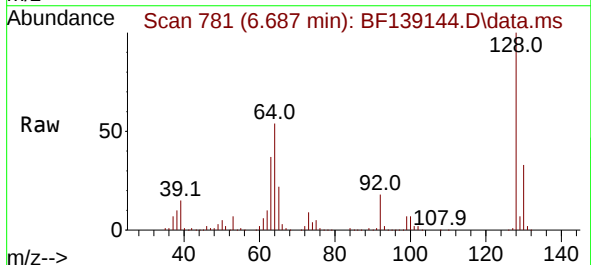
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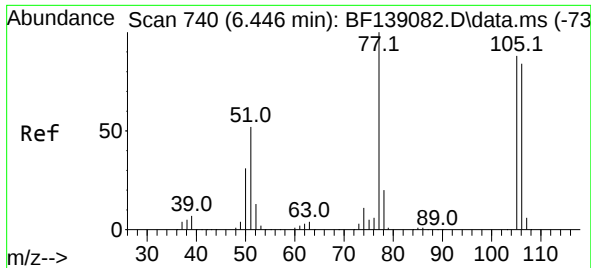
Tgt Ion: 99 Resp: 936700
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.2
71 40.7 31.2 46.8



#8
2-Chlorophenol
Concen: 49.269 ng
RT: 6.687 min Scan# 781
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion: 128 Resp: 269585
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 54.4 39.1 79.1





#9

Benzaldehyde

Concen: 20.384 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.005 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

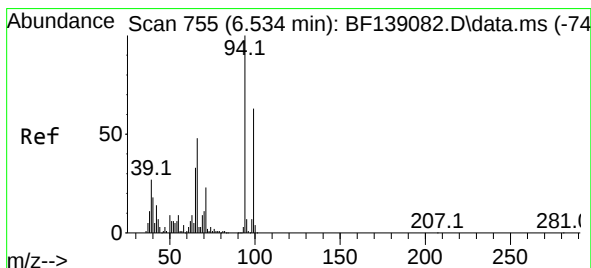
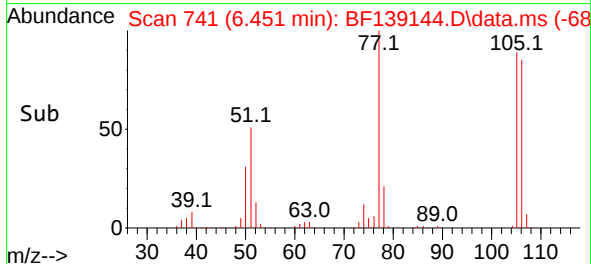
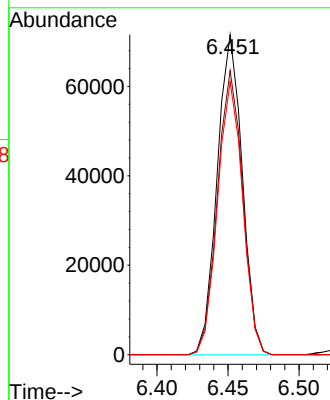
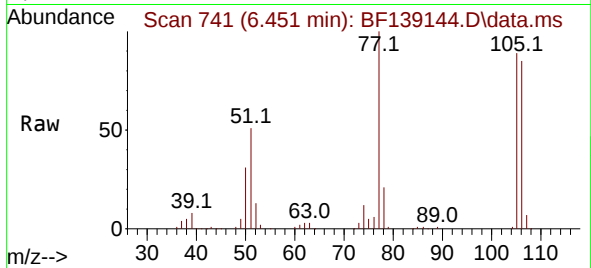
Tgt Ion: 77 Resp: 87877

Ion Ratio Lower Upper

77 100

105 88.8 68.2 108.2

106 85.3 63.8 103.8



#10

Phenol

Concen: 44.324 ng

RT: 6.546 min Scan# 757

Delta R.T. 0.012 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

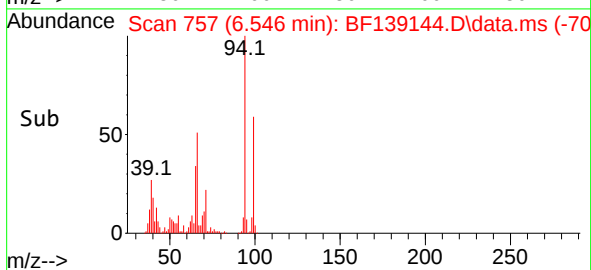
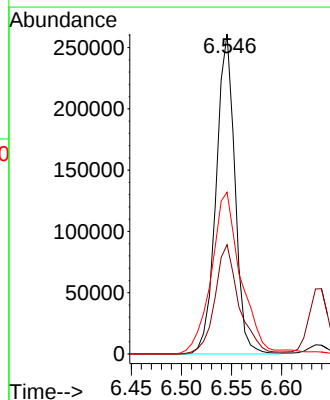
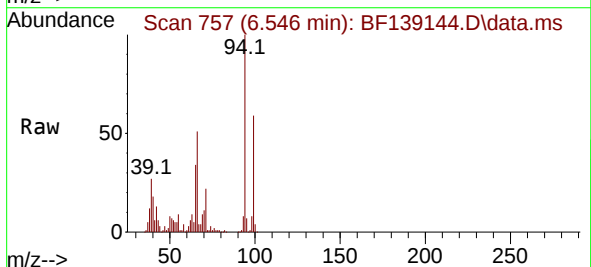
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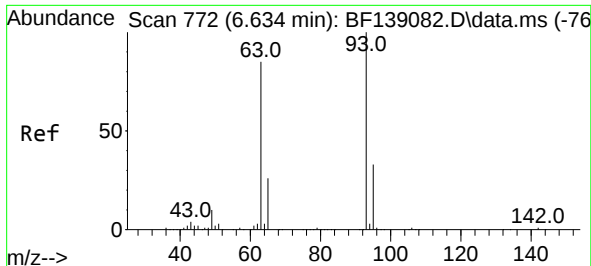
Ion Ratio Lower Upper

94 100

65 34.2 13.5 53.5

66 50.6 28.5 68.5

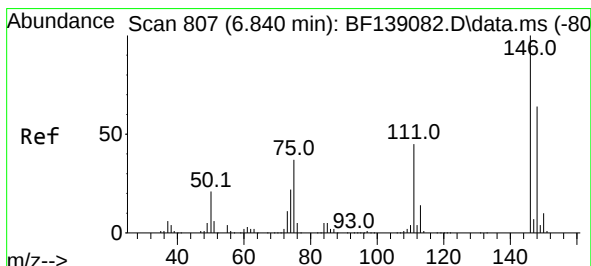
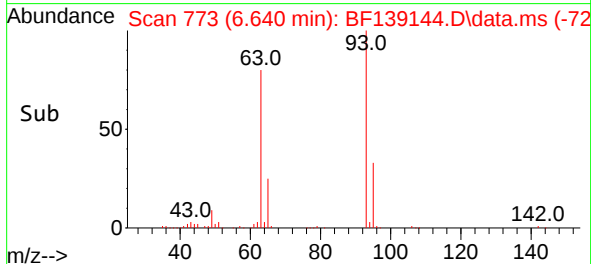
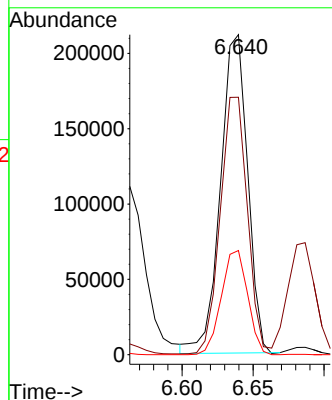
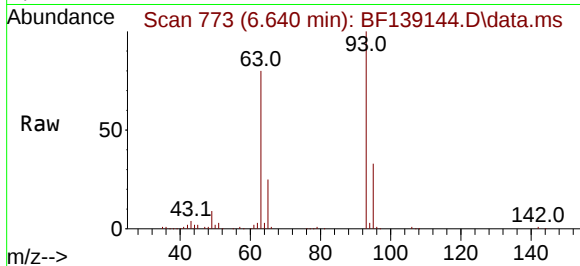




#11
bis(2-Chloroethyl)ether
Concen: 45.634 ng
RT: 6.640 min Scan# 772
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

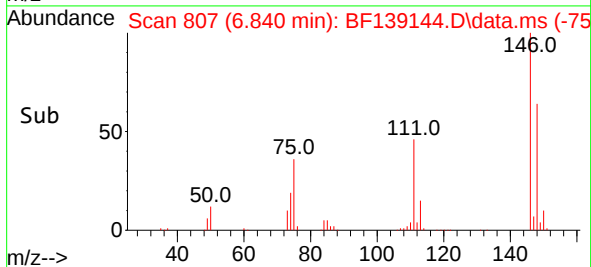
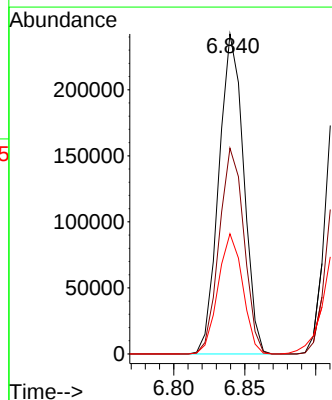
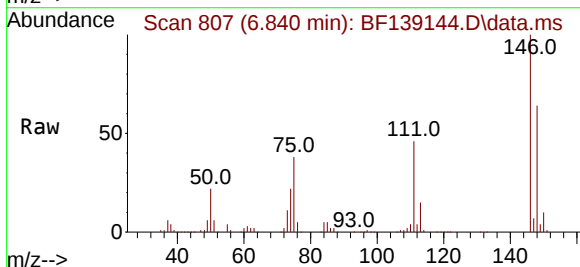
Instrument :
BNA_F
ClientSampleId :
20430MSD

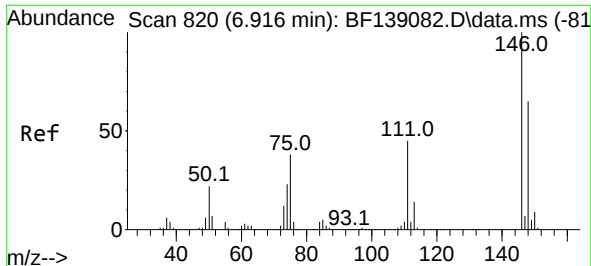
Tgt Ion: 93 Resp: 280683
Ion Ratio Lower Upper
93 100
63 80.5 62.7 102.7
95 32.6 11.9 51.9



#12
1,3-Dichlorobenzene
Concen: 44.690 ng
RT: 6.840 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:146 Resp: 294003
Ion Ratio Lower Upper
146 100
148 64.3 51.2 76.8
75 37.6 29.9 44.9

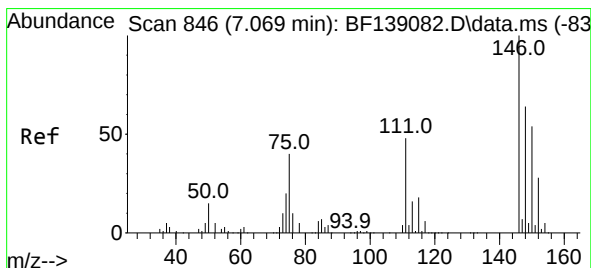
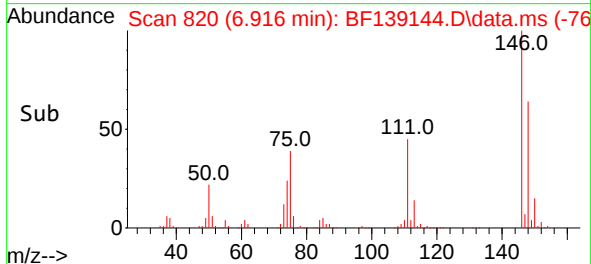
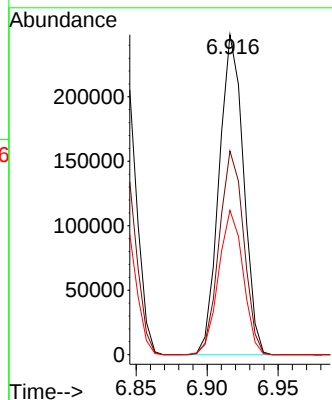
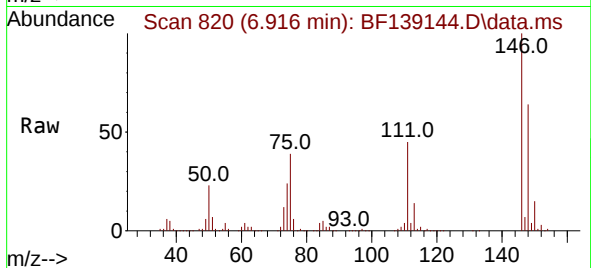




#13
1,4-Dichlorobenzene
Concen: 45.125 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

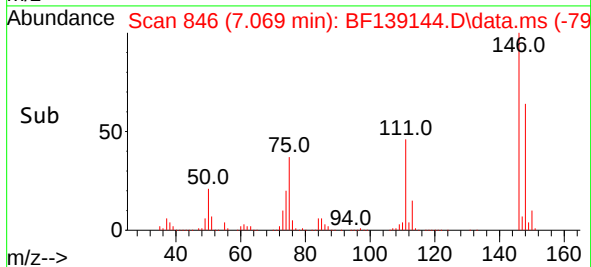
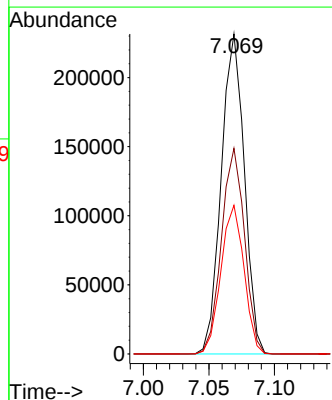
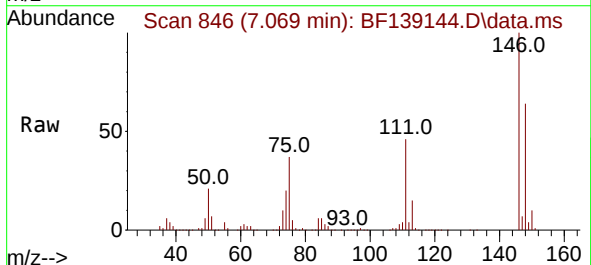
Instrument :
BNA_F
ClientSampleId :
20430MSD

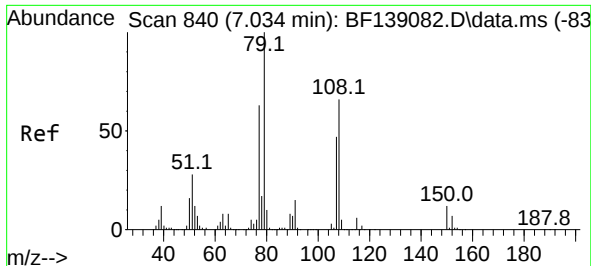
Tgt Ion:146 Resp: 296818
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
111 45.1 35.8 53.6



#14
1,2-Dichlorobenzene
Concen: 47.122 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:146 Resp: 283274
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
111 46.5 38.1 57.1





#15

Benzyl Alcohol

Concen: 49.814 ng

RT: 7.040 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

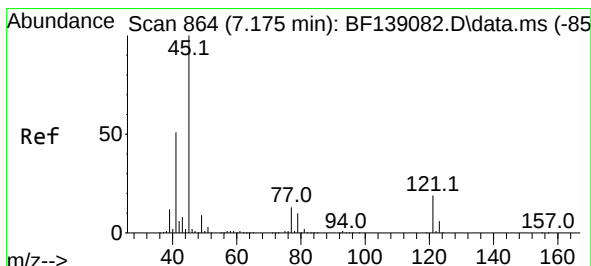
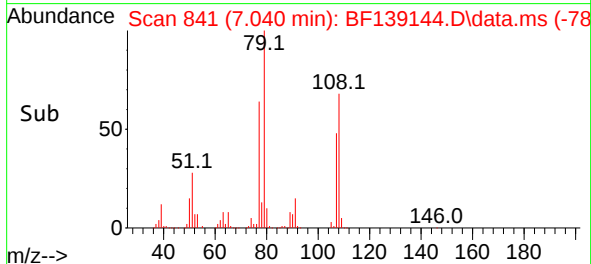
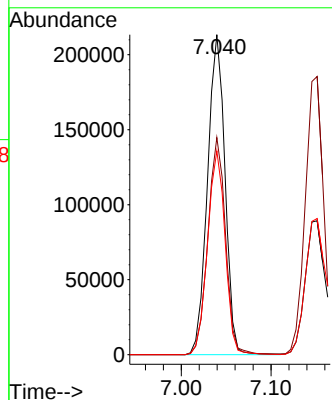
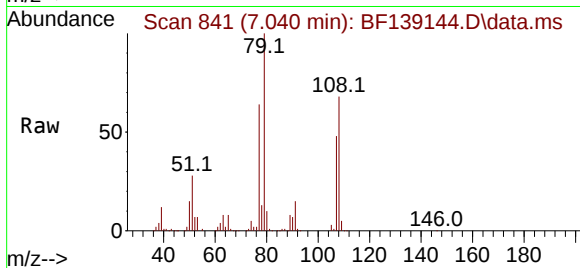
Tgt Ion: 79 Resp: 289399

Ion Ratio Lower Upper

79 100

108 67.9 52.8 79.2

77 63.7 50.6 76.0



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.168 ng

RT: 7.169 min Scan# 863

Delta R.T. -0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

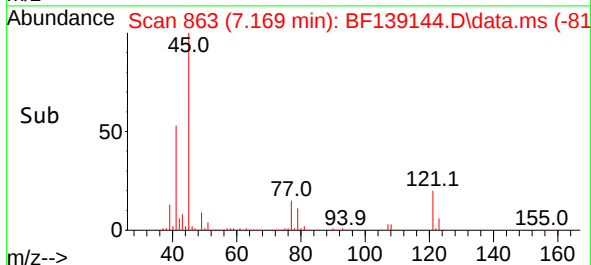
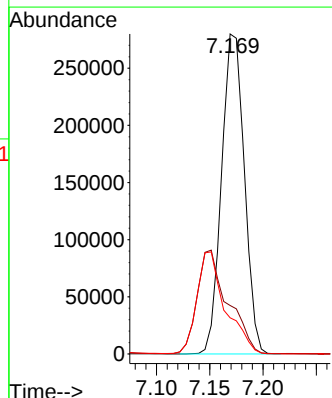
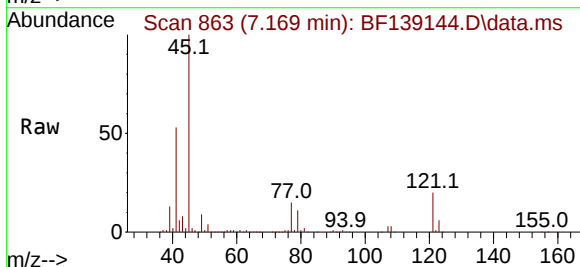
Tgt Ion: 45 Resp: 417339

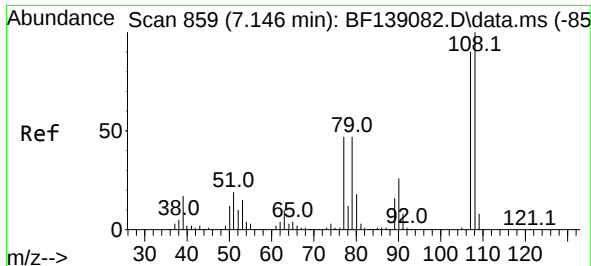
Ion Ratio Lower Upper

45 100

77 15.2 0.0 33.7

79 11.3 0.0 30.4

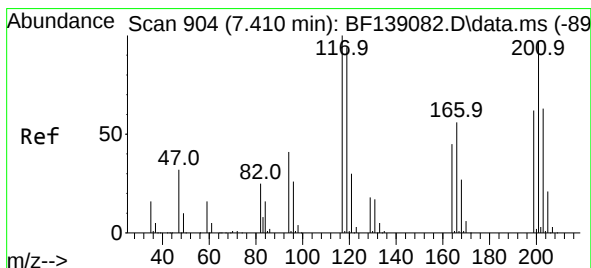
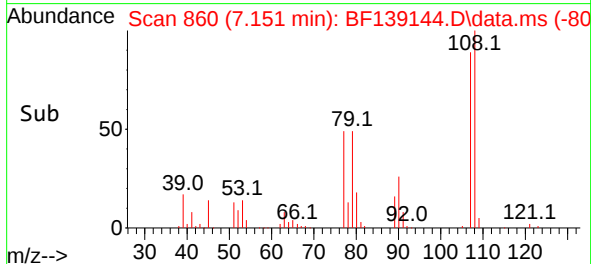
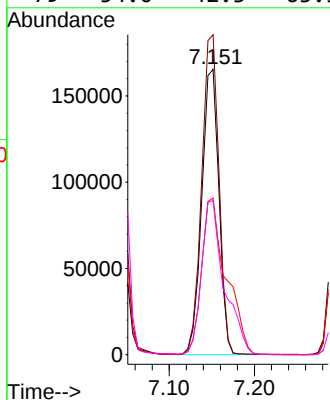
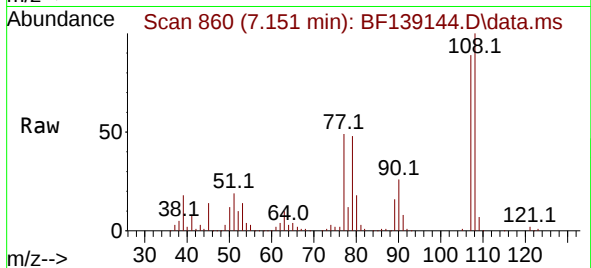




#17
2-Methylphenol
Concen: 49.548 ng
RT: 7.151 min Scan# 859
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

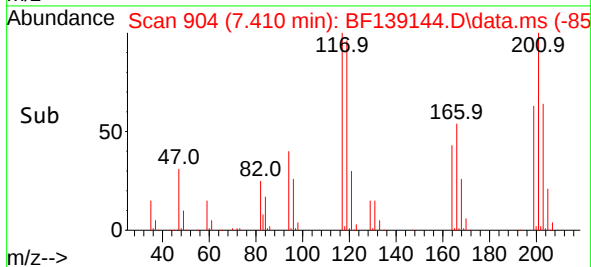
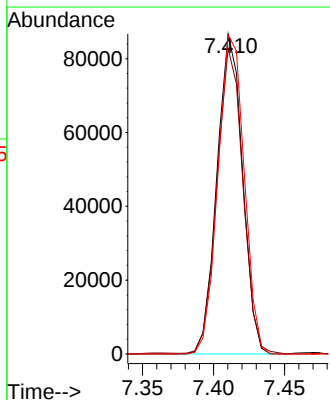
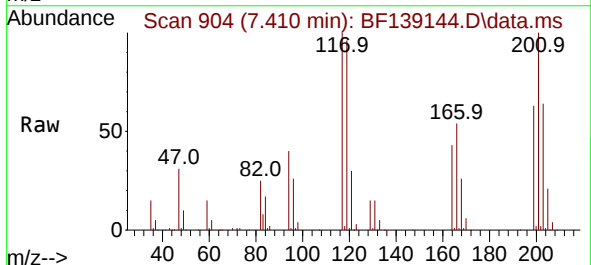
Instrument :
BNA_F
ClientSampleId :
20430MSD

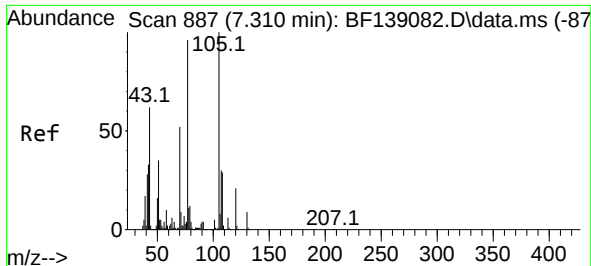
Tgt Ion:107 Resp: 231937
Ion Ratio Lower Upper
107 100
108 112.1 89.1 133.7
77 54.9 42.1 63.1
79 54.0 42.3 63.5



#18
Hexachloroethane
Concen: 47.097 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:117 Resp: 108632
Ion Ratio Lower Upper
117 100
119 95.5 75.5 113.3
201 99.7 77.8 116.8



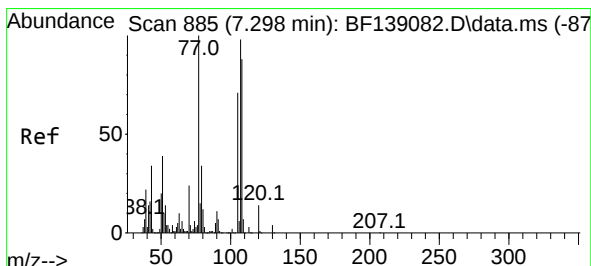
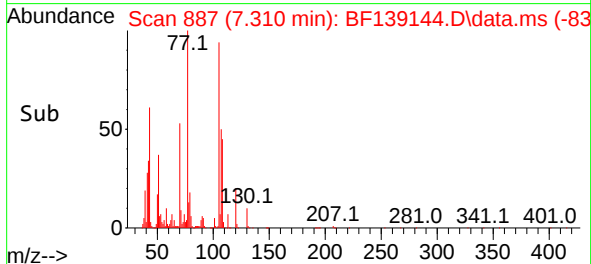
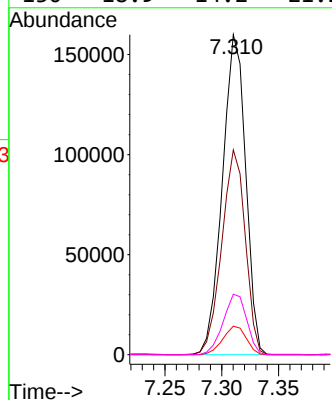
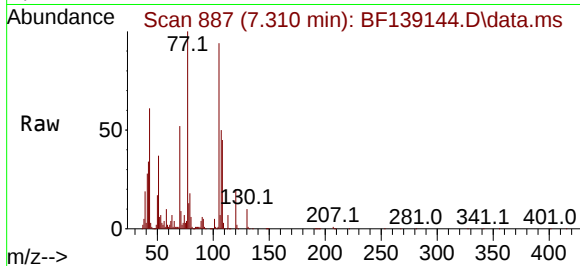


#19
n-Nitroso-di-n-propylamine
Concen: 47.281 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Instrument :
BNA_F
ClientSampleId :
20430MSD

Tgt Ion: 70 Resp: 228234

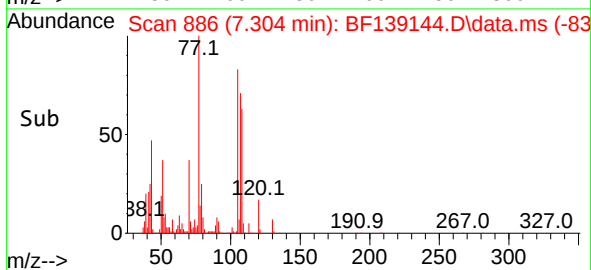
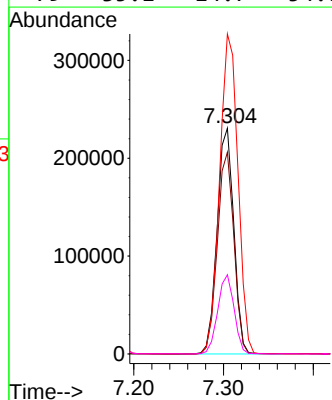
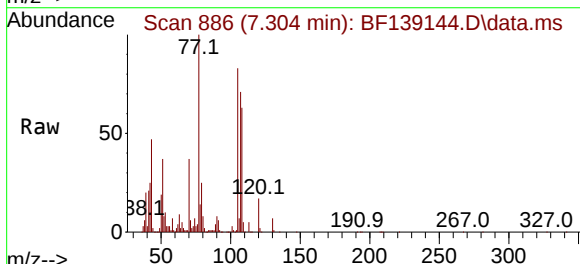
Ion	Ratio	Lower	Upper
70	100		
42	64.0	50.5	75.7
101	8.9	7.2	10.8
130	18.9	14.2	21.2

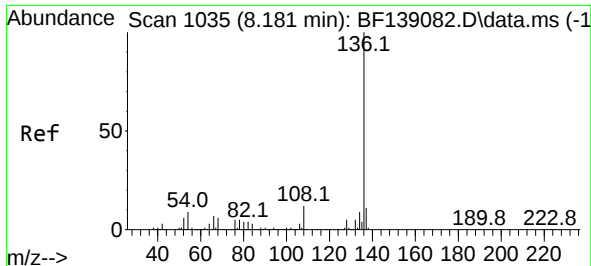


#20
3+4-Methylphenols
Concen: 49.070 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion: 107 Resp: 297608

Ion	Ratio	Lower	Upper
107	100		
108	89.4	70.2	110.2
77	141.8	82.7	122.7#
79	35.1	14.7	54.7

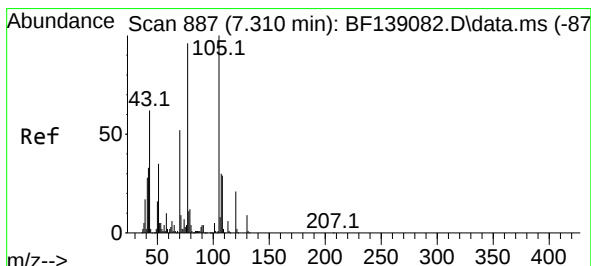
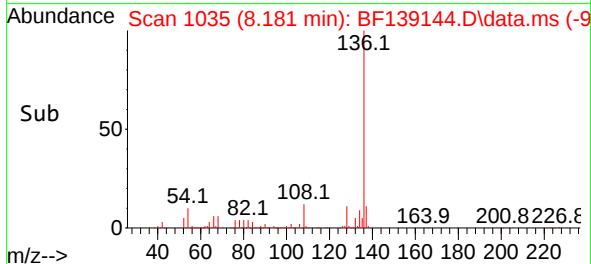
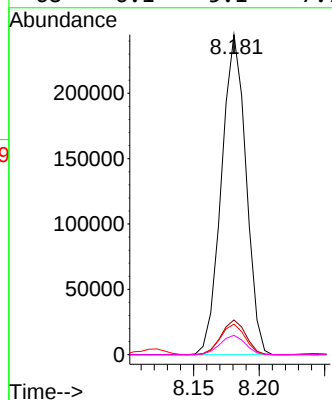
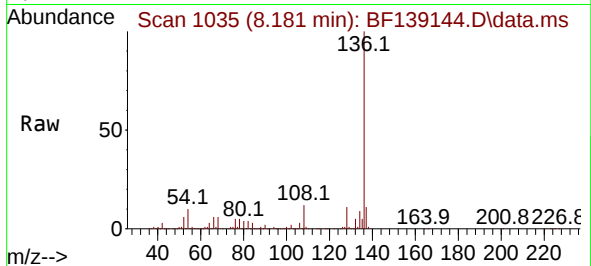




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

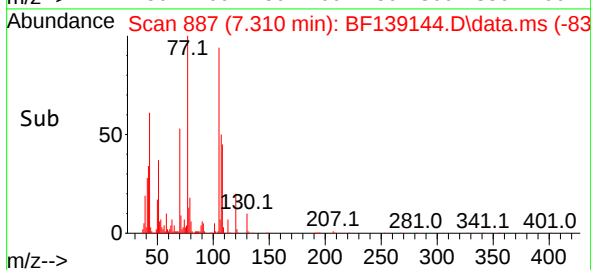
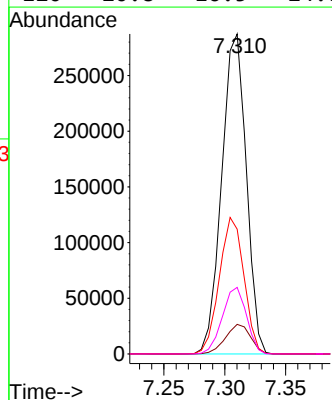
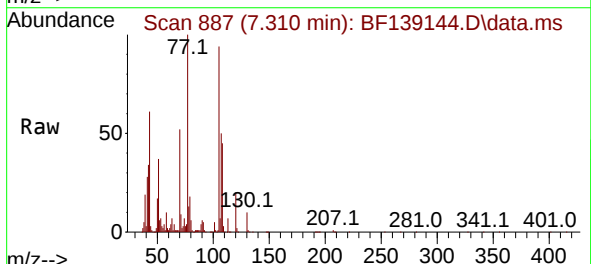
Instrument :
BNA_F
ClientSampleId :
20430MSD

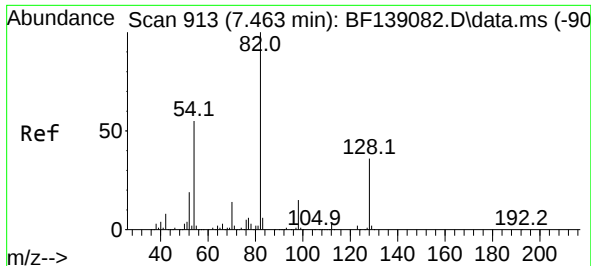
Tgt Ion:136 Resp: 318186
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 9.5 7.6 11.4
68 6.1 5.1 7.7



#22
Acetophenone
Concen: 49.689 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:105 Resp: 403689
Ion Ratio Lower Upper
105 100
71 9.3 7.0 10.6
51 39.0 28.0 42.0
120 20.8 16.5 24.7





#23

Nitrobenzene-d5

Concen: 124.332 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

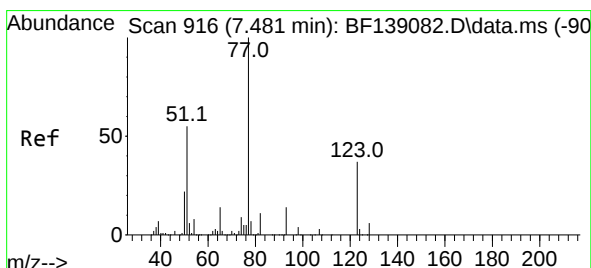
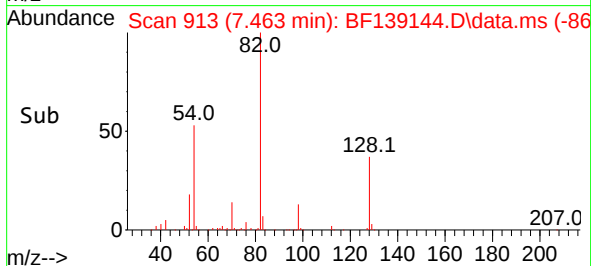
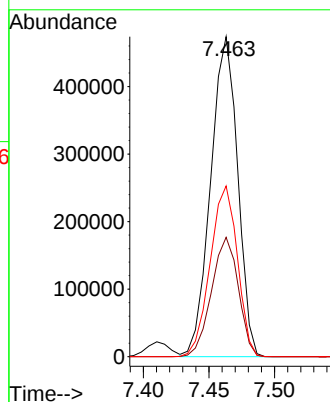
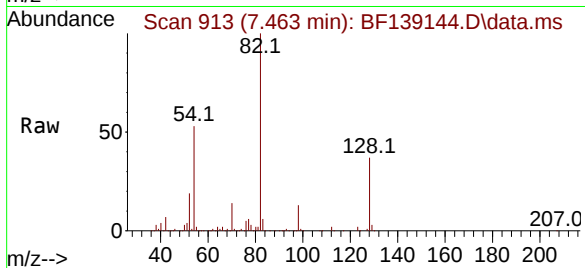
Tgt Ion: 82 Resp: 678923

Ion Ratio Lower Upper

82 100

128 37.3 29.0 43.4

54 53.4 43.4 65.2



#24

Nitrobenzene

Concen: 55.912 ng

RT: 7.481 min Scan# 916

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

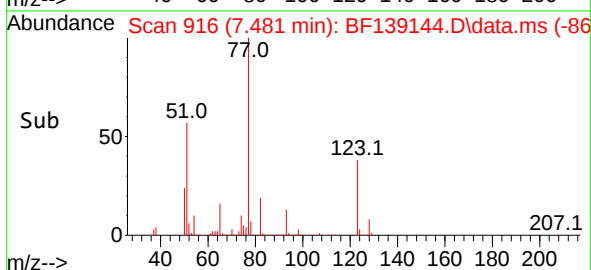
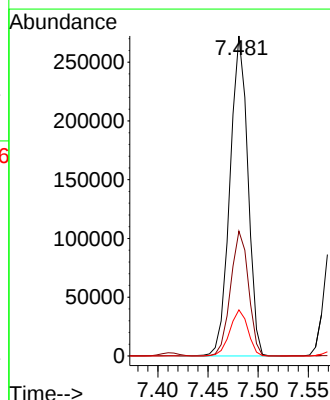
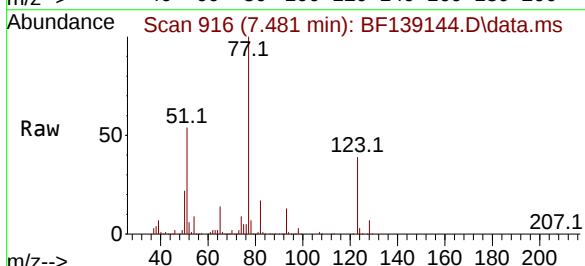
Tgt Ion: 77 Resp: 339364

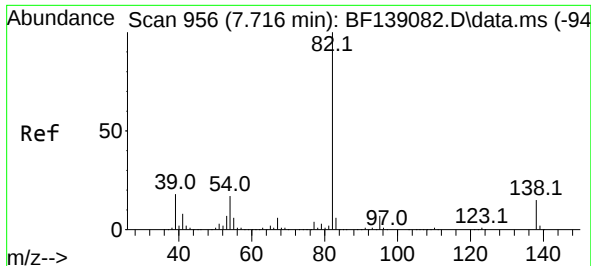
Ion Ratio Lower Upper

77 100

123 39.0 30.3 45.5

65 14.4 11.3 16.9

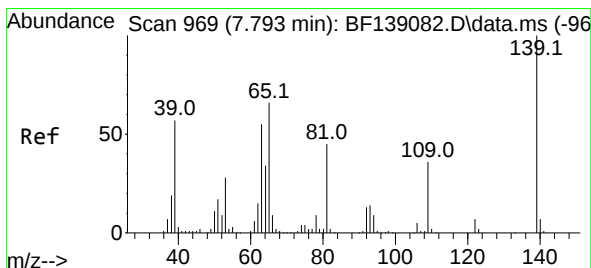
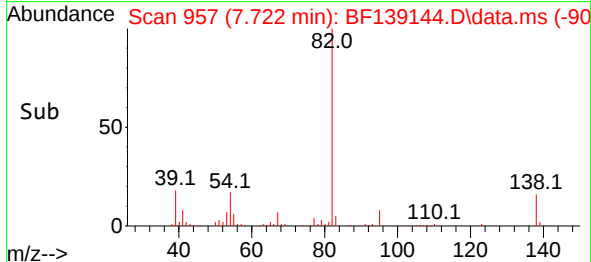
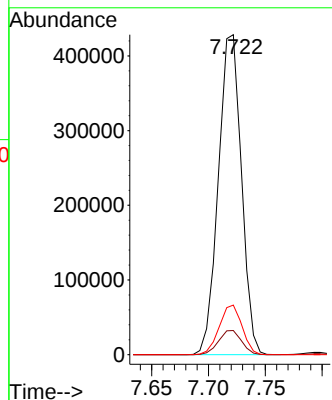
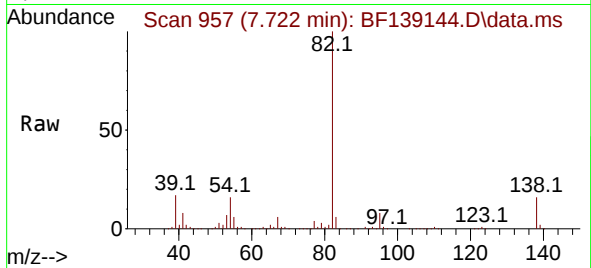




#25
Isophorone
Concen: 52.186 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

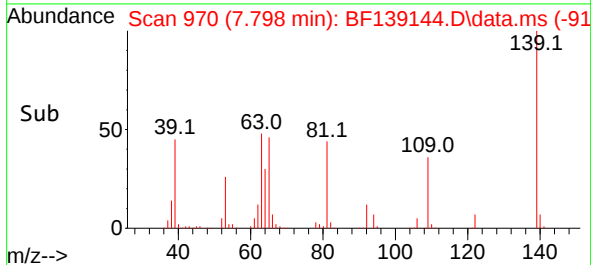
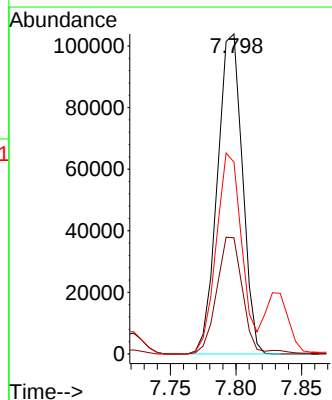
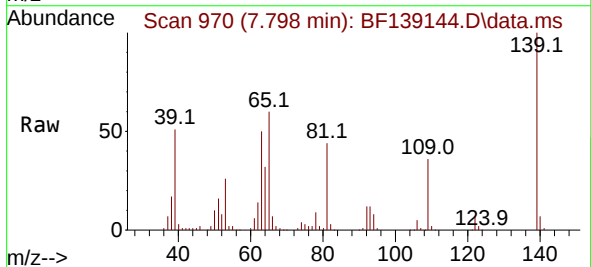
Instrument :
BNA_F
ClientSampleId :
20430MSD

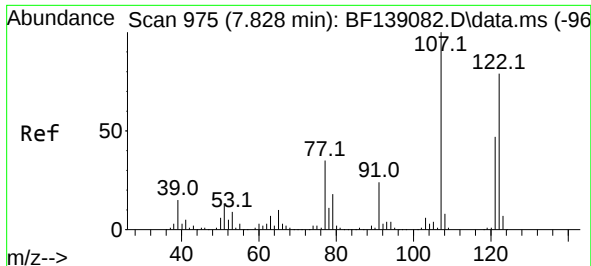
Tgt Ion: 82 Resp: 605682
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 15.5 11.8 17.8



#26
2-Nitrophenol
Concen: 63.050 ng
RT: 7.798 min Scan# 970
Delta R.T. 0.005 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:139 Resp: 137650
Ion Ratio Lower Upper
139 100
109 36.3 29.2 43.8
65 60.0 52.7 79.1

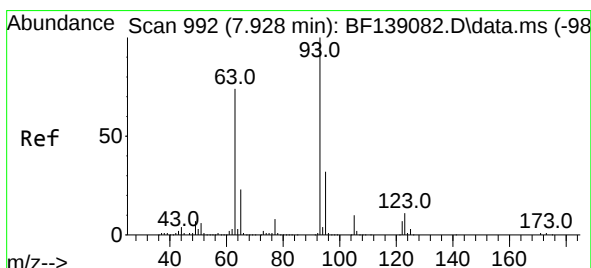
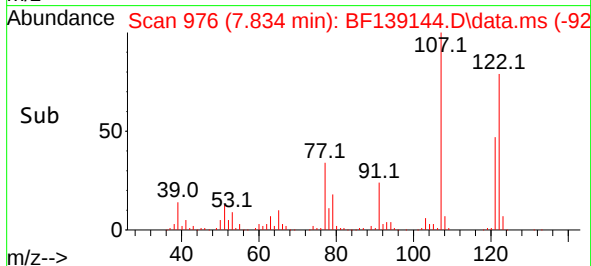
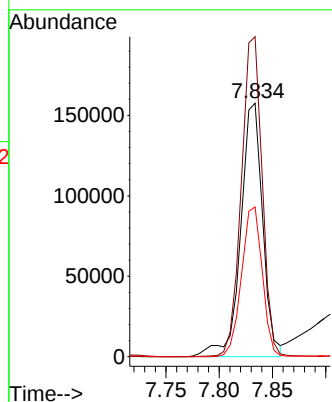
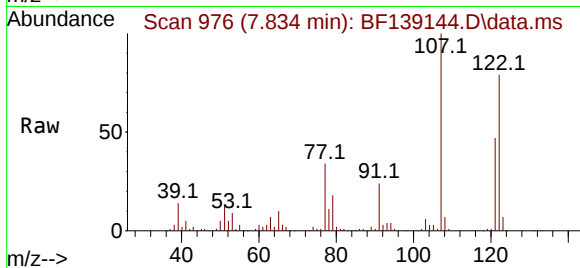




#27
2,4-Dimethylphenol
Concen: 61.528 ng
RT: 7.834 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

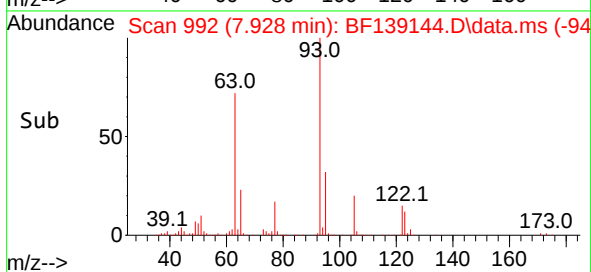
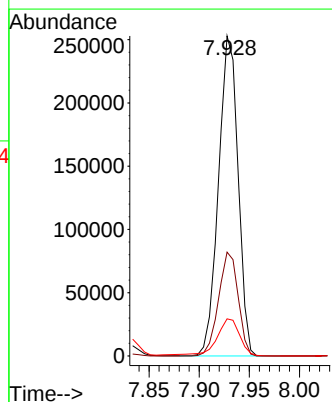
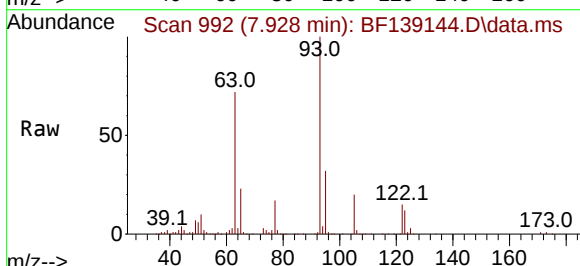
Instrument :
BNA_F
ClientSampleId :
20430MSD

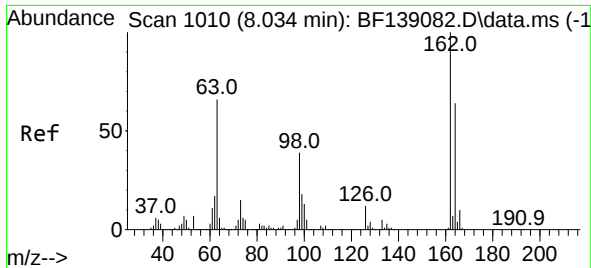
Tgt Ion:122 Resp: 226447
Ion Ratio Lower Upper
122 100
107 126.3 101.1 151.7
121 59.1 47.5 71.3



#28
bis(2-Chloroethoxy)methane
Concen: 50.541 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion: 93 Resp: 342747
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.6 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 52.463 ng

RT: 8.034 min Scan# 1010

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

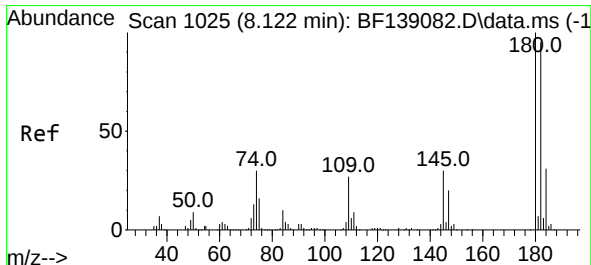
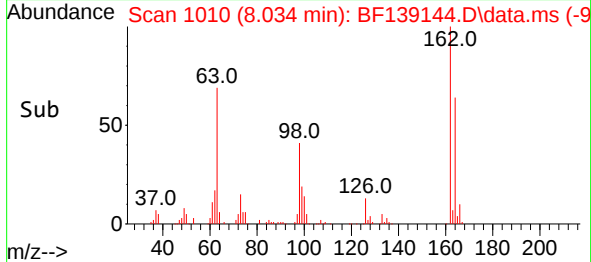
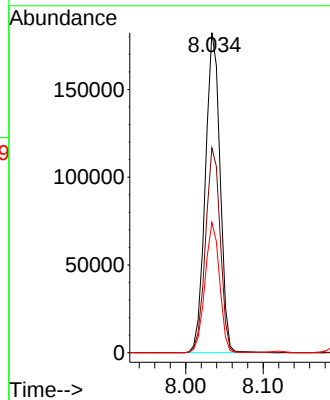
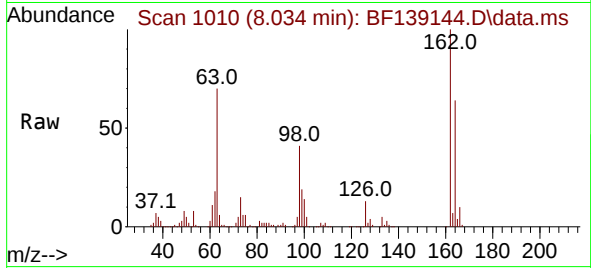
Tgt Ion:162 Resp: 240548

Ion Ratio Lower Upper

162 100

164 64.0 43.9 83.9

98 40.7 19.7 59.7



#30

1,2,4-Trichlorobenzene

Concen: 47.229 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

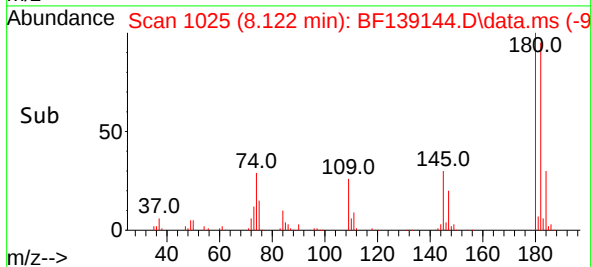
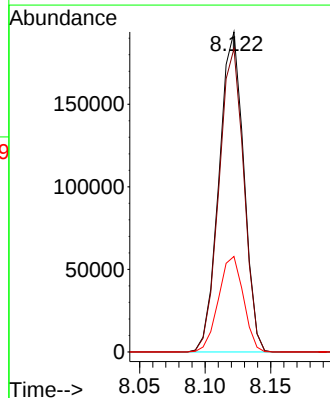
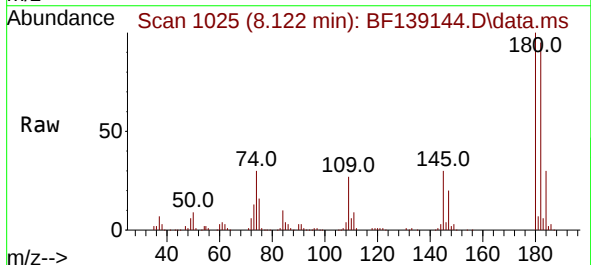
Tgt Ion:180 Resp: 253566

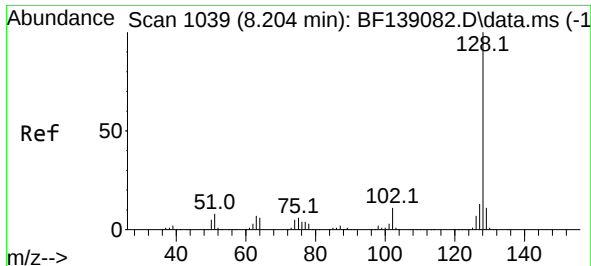
Ion Ratio Lower Upper

180 100

182 94.8 76.1 114.1

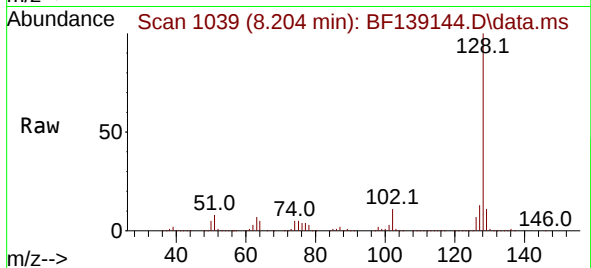
145 29.8 23.9 35.9



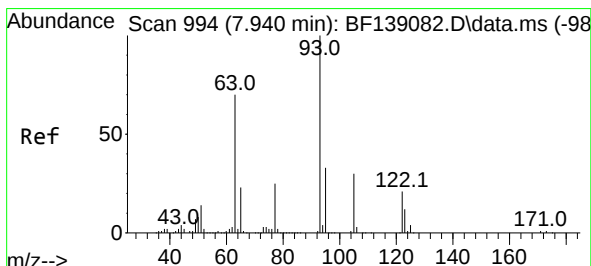
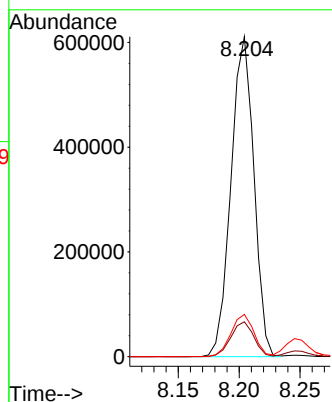
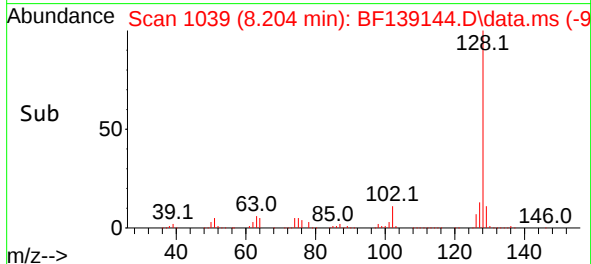


#31
Naphthalene
Concen: 49.538 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

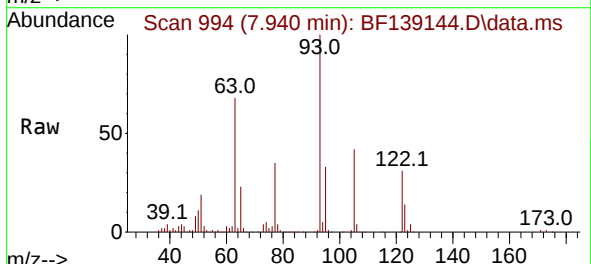
Instrument :
BNA_F
ClientSampleId :
20430MSD



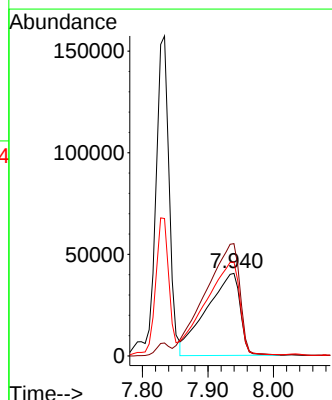
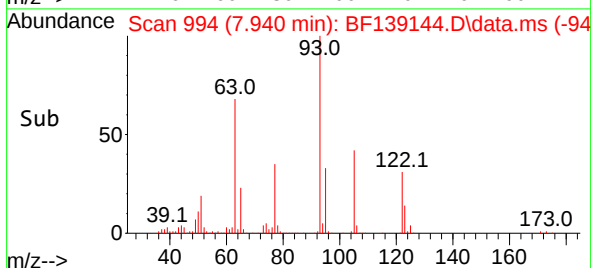
Tgt Ion:128 Resp: 798747
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.2 10.7 16.1

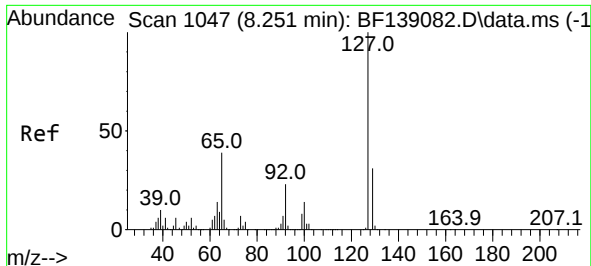


#32
Benzoic acid
Concen: 47.192 ng
RT: 7.940 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44



Tgt Ion:122 Resp: 144116
Ion Ratio Lower Upper
122 100
105 135.9 119.6 159.6
77 113.7 97.6 137.6

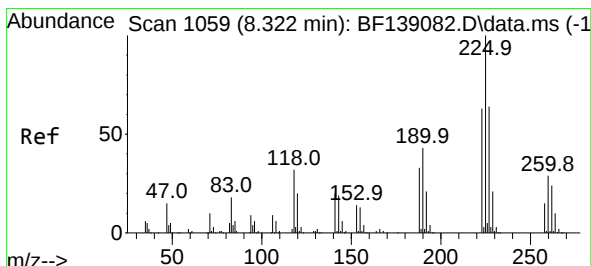
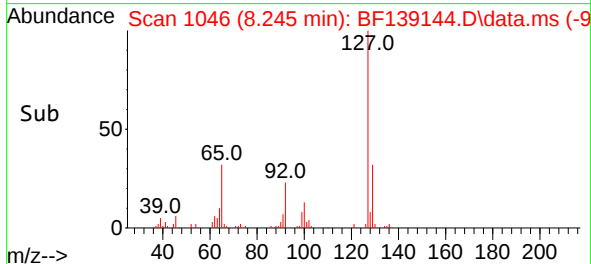
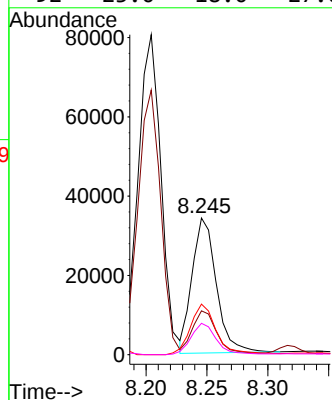
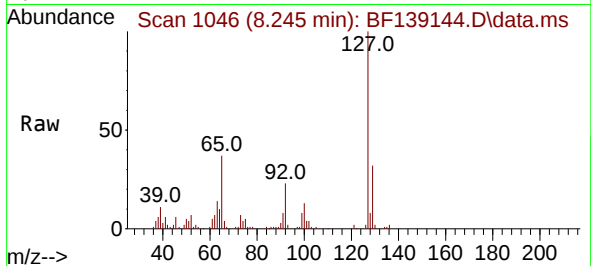




#33
4-Chloroaniline
Concen: 8.530 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

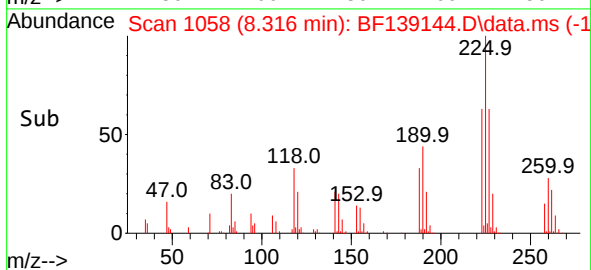
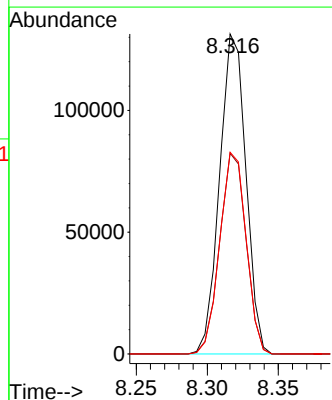
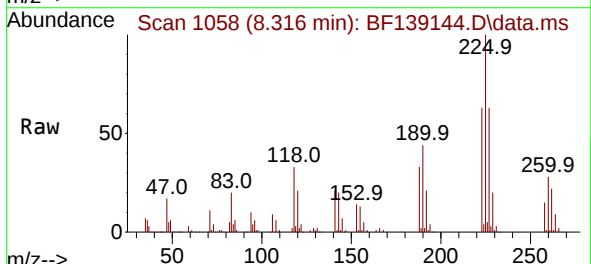
Instrument :
BNA_F
ClientSampleId :
20430MSD

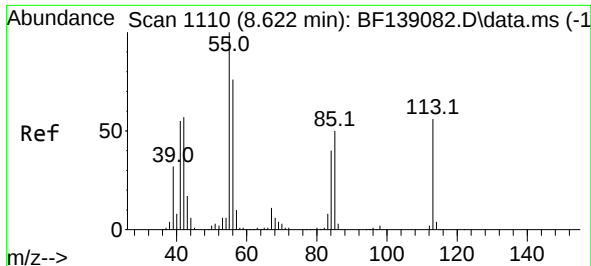
Tgt Ion:127	Resp:	47106
Ion	Ratio	Lower Upper
127	100	
129	32.1	26.0 39.0
65	37.1	30.3 45.5
92	23.0	18.0 27.0



#34
Hexachlorobutadiene
Concen: 48.255 ng
RT: 8.316 min Scan# 1058
Delta R.T. -0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:225	Resp:	169238
Ion	Ratio	Lower Upper
225	100	
223	62.7	50.0 75.0
227	63.0	51.4 77.2

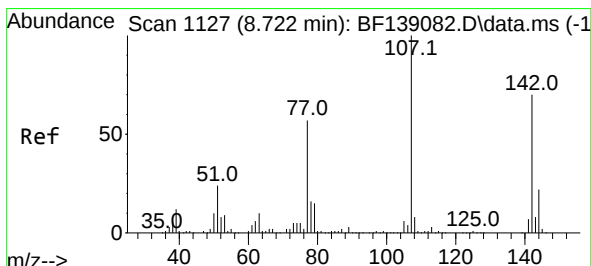
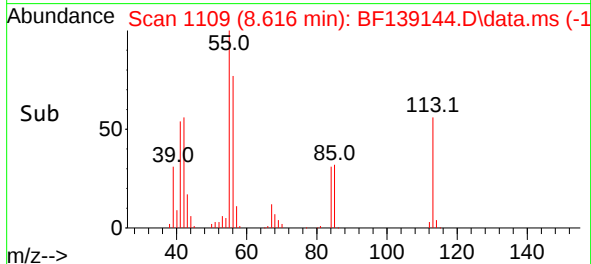
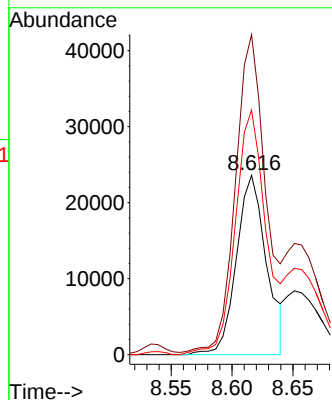
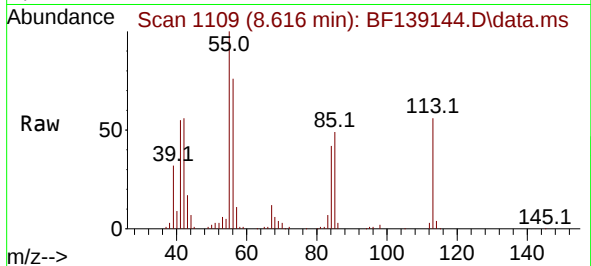




#35
Caprolactam
Concen: 27.866 ng
RT: 8.616 min Scan# 1110
Delta R.T. -0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

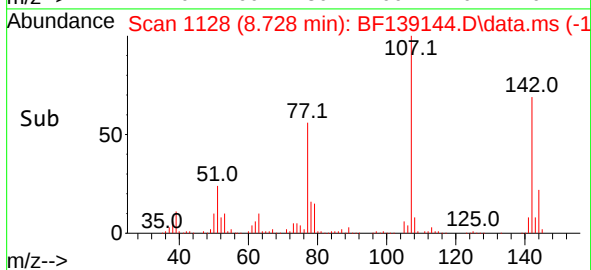
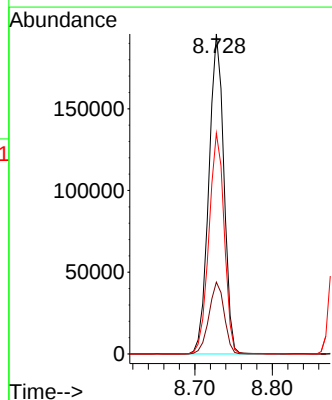
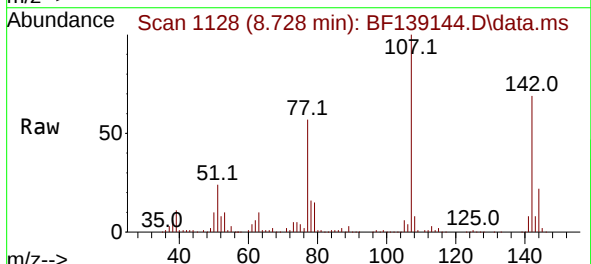
Instrument :
BNA_F
ClientSampleId :
20430MSD

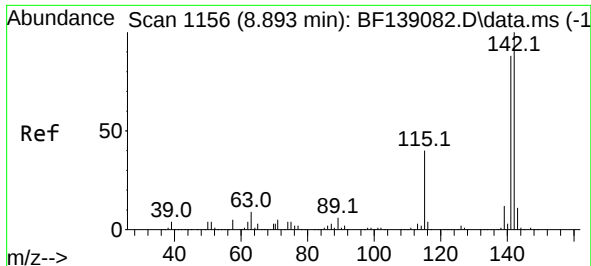
Tgt Ion:113 Resp: 40508
Ion Ratio Lower Upper
113 100
55 178.4 158.6 198.6
56 136.3 115.9 155.9



#36
4-Chloro-3-methylphenol
Concen: 51.972 ng
RT: 8.728 min Scan# 1128
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:107 Resp: 263849
Ion Ratio Lower Upper
107 100
144 22.4 17.7 26.5
142 69.0 55.6 83.4





#37

2-Methylnaphthalene

Concen: 50.932 ng

RT: 8.892 min Scan# 1156

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

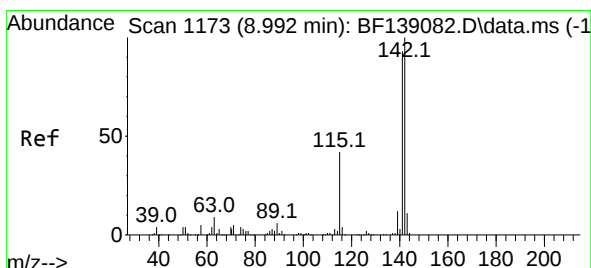
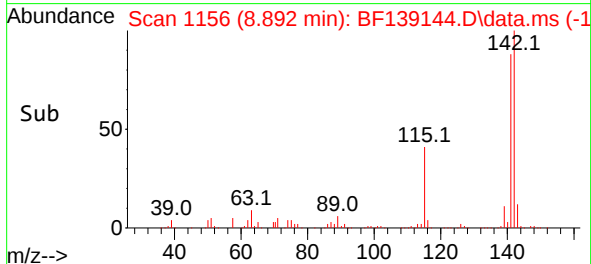
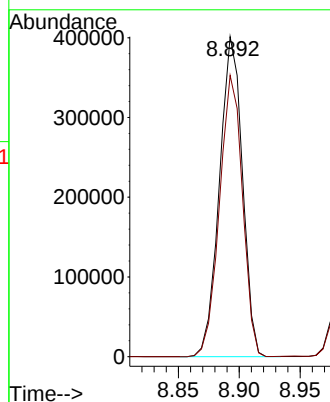
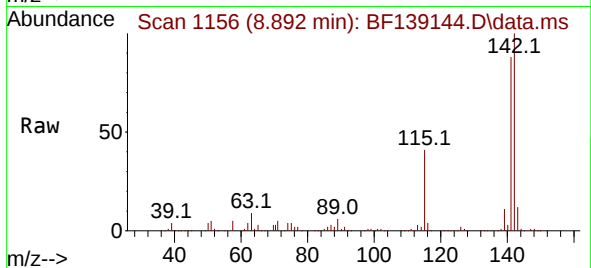
20430MSD

Tgt Ion:142 Resp: 526752

Ion Ratio Lower Upper

142 100

141 87.9 70.6 105.8



#38

1-Methylnaphthalene

Concen: 49.119 ng

RT: 8.992 min Scan# 1173

Delta R.T. -0.000 min

Lab File: BF139144.D

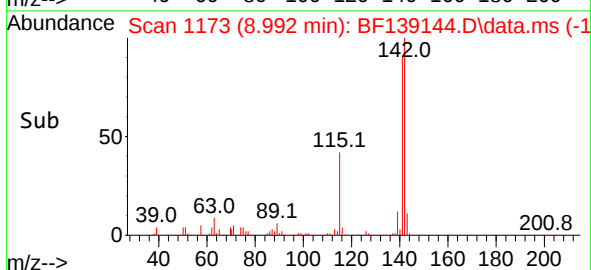
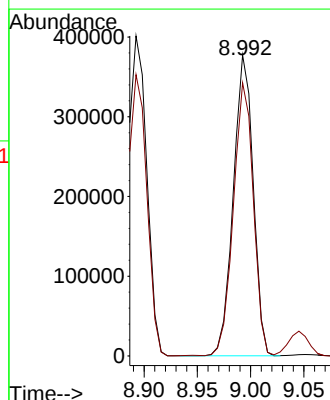
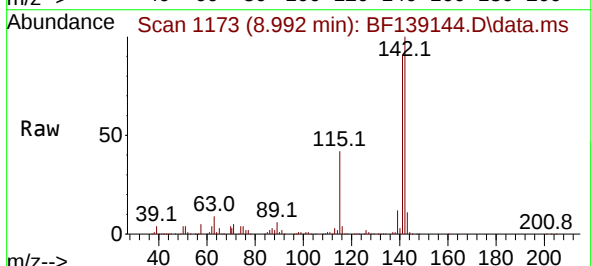
Acq: 23 Aug 2024 13:44

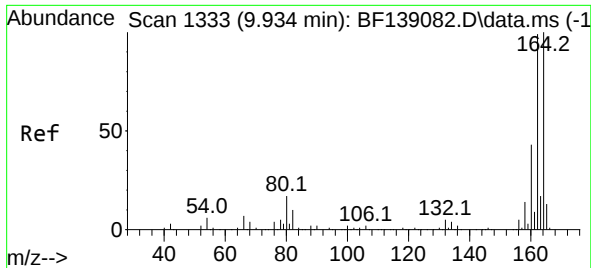
Tgt Ion:142 Resp: 490289

Ion Ratio Lower Upper

142 100

141 90.7 74.1 111.1

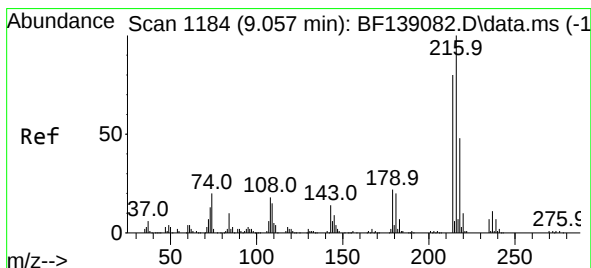
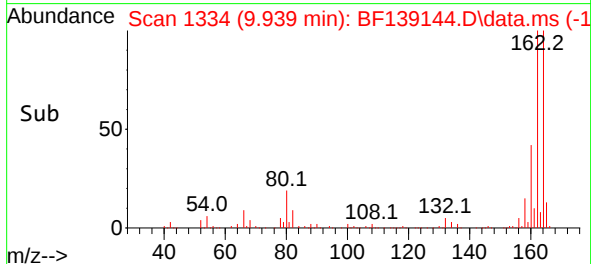
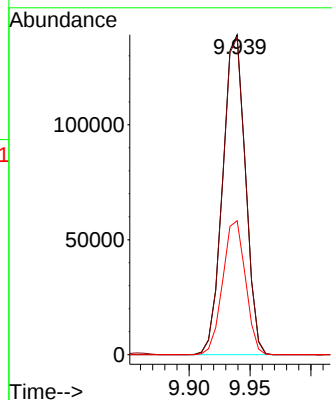
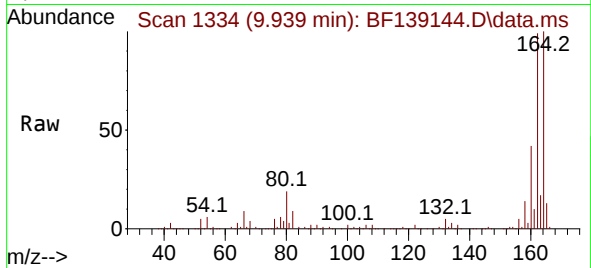




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1184
Delta R.T. 0.005 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

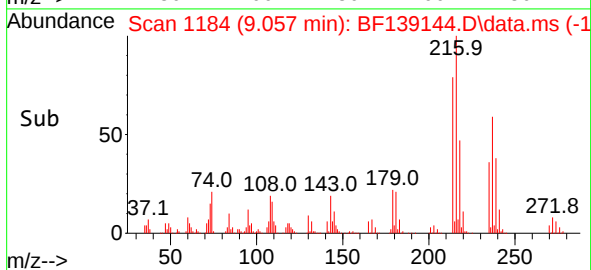
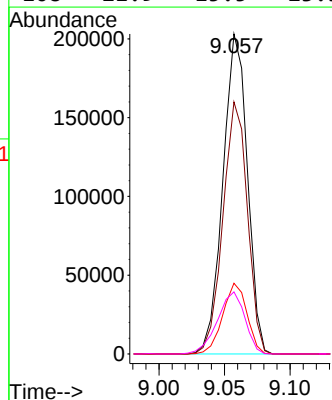
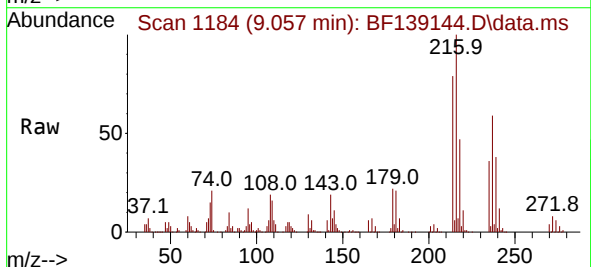
Instrument :
BNA_F
ClientSampleId :
20430MSD

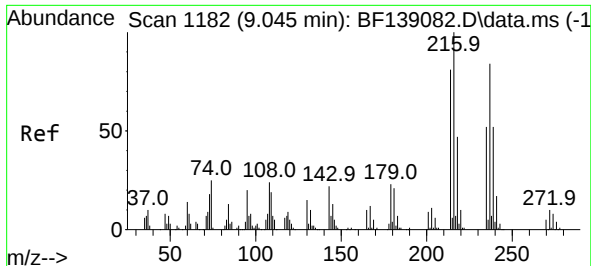
Tgt Ion:164 Resp: 180671
Ion Ratio Lower Upper
164 100
162 99.2 79.5 119.3
160 41.8 34.5 51.7



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.974 ng
RT: 9.057 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

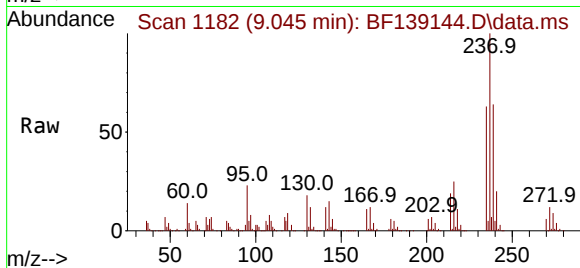
Tgt Ion:216 Resp: 263593
Ion Ratio Lower Upper
216 100
214 78.6 64.2 96.2
179 21.9 17.4 26.2
108 21.9 15.5 23.3



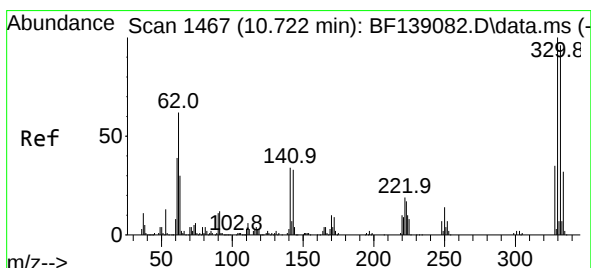
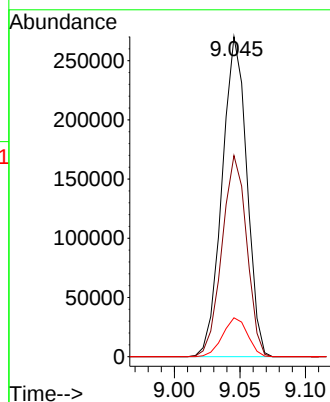
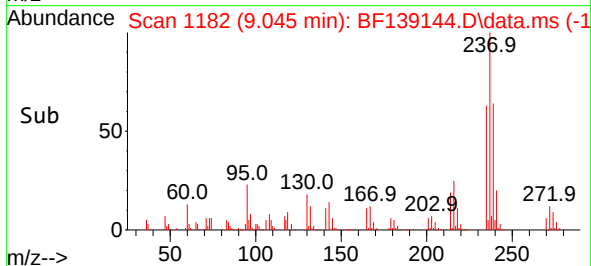


#41
Hexachlorocyclopentadiene
Concen: 186.121 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

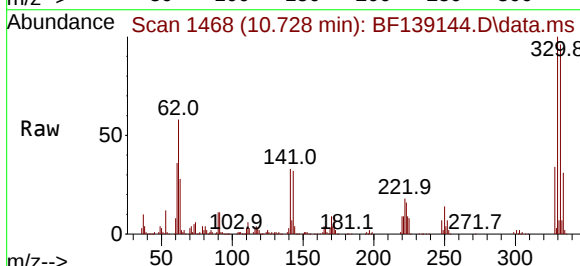
Instrument :
BNA_F
ClientSampleId :
20430MSD



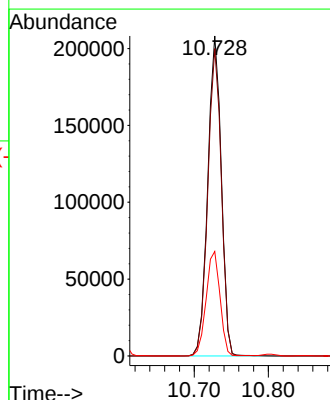
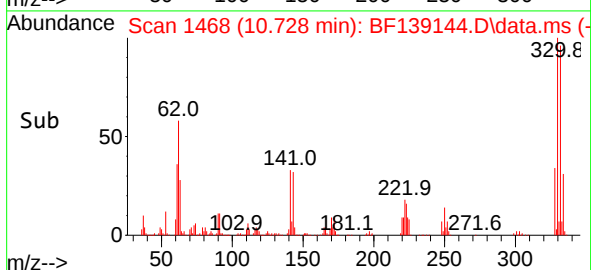
Tgt Ion: 237 Resp: 353824
Ion Ratio Lower Upper
237 100
235 62.8 42.5 82.5
272 12.2 0.0 32.0

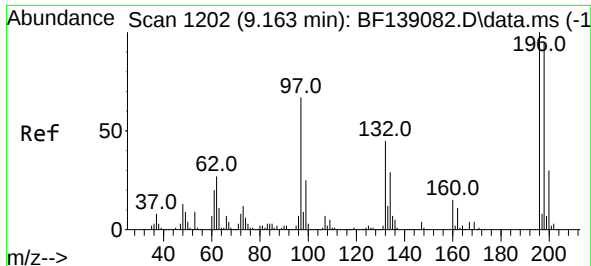


#42
2,4,6-Tribromophenol
Concen: 161.418 ng
RT: 10.728 min Scan# 1468
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44



Tgt Ion: 330 Resp: 264013
Ion Ratio Lower Upper
330 100
332 95.9 77.0 115.6
141 33.6 27.5 41.3





#43

2,4,6-Trichlorophenol

Concen: 53.940 ng

RT: 9.169 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

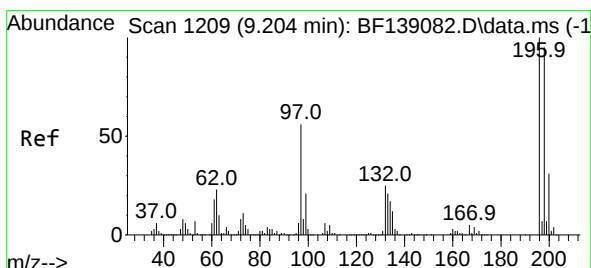
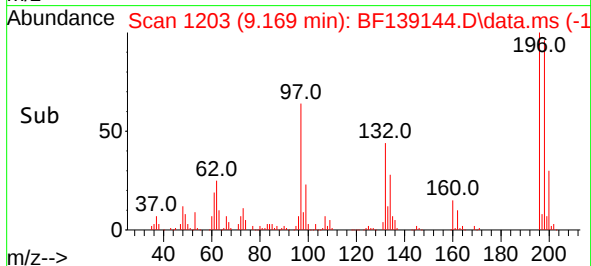
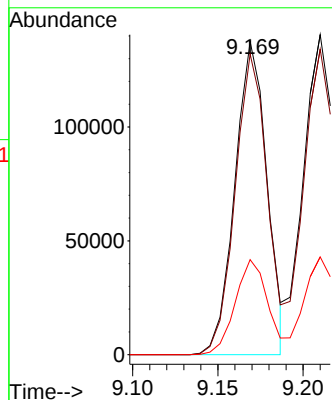
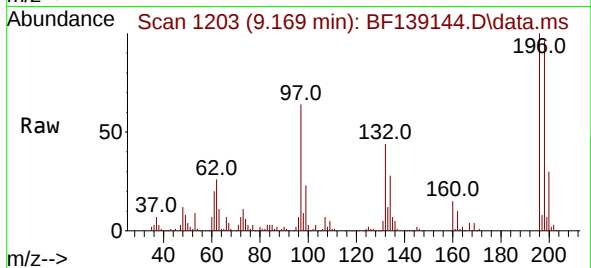
Tgt Ion:196 Resp: 180050

Ion Ratio Lower Upper

196 100

198 96.0 76.4 114.6

200 30.3 23.8 35.8



#44

2,4,5-Trichlorophenol

Concen: 53.716 ng

RT: 9.210 min Scan# 1210

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Tgt Ion:196 Resp: 184046

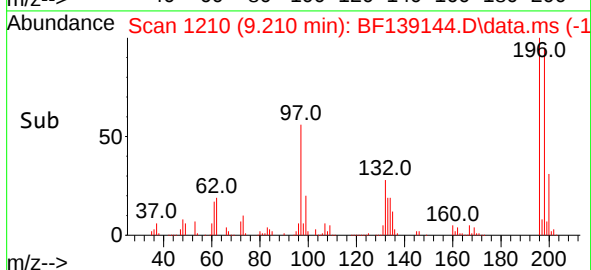
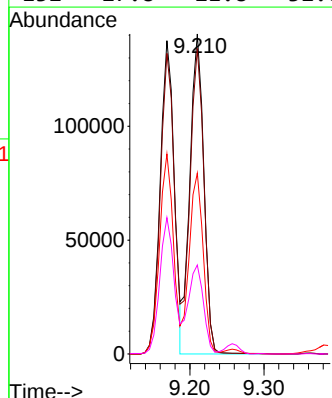
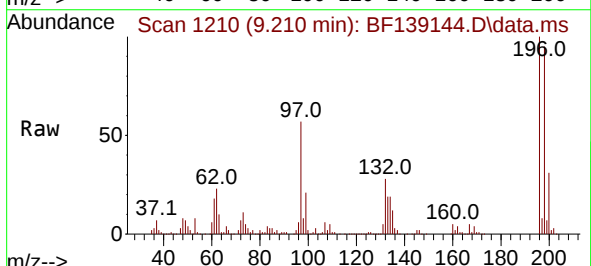
Ion Ratio Lower Upper

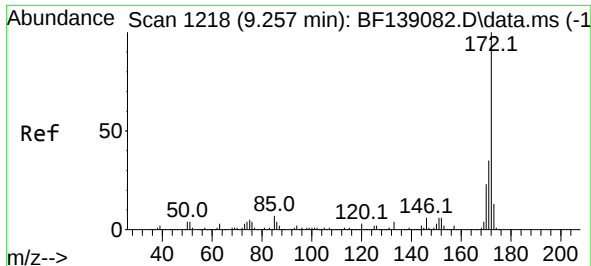
196 100

198 95.4 76.6 114.8

97 56.5 44.6 67.0

132 27.8 21.8 32.6





#45

2-Fluorobiphenyl

Concen: 101.200 ng

RT: 9.257 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

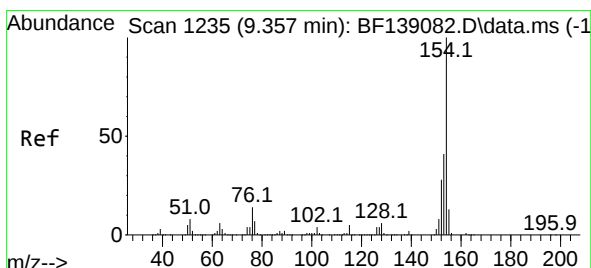
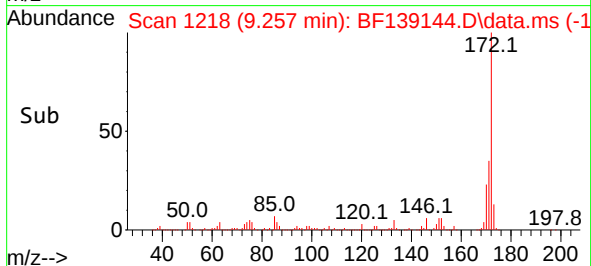
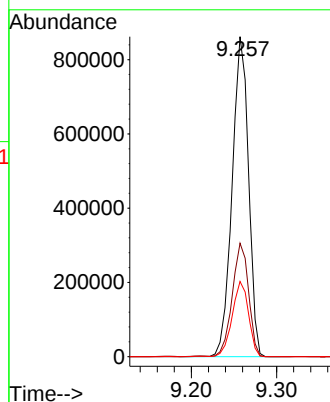
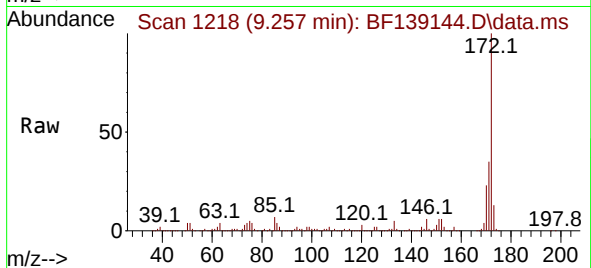
Tgt Ion:172 Resp: 1152384

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.5 18.8 28.2



#46

1,1'-Biphenyl

Concen: 52.519 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

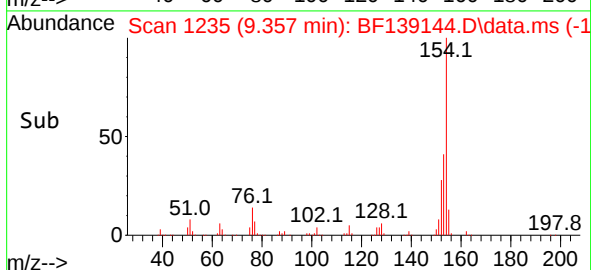
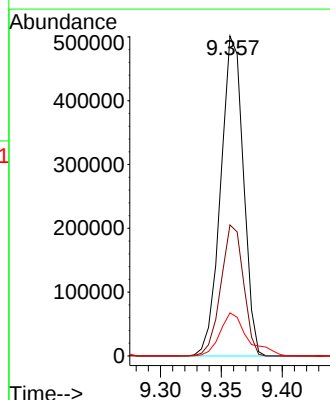
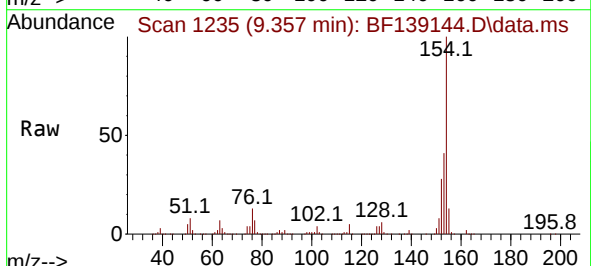
Tgt Ion:154 Resp: 649988

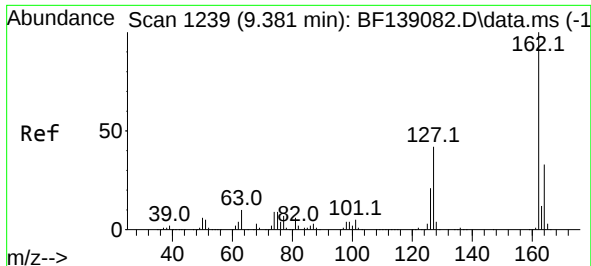
Ion Ratio Lower Upper

154 100

153 40.9 20.6 60.6

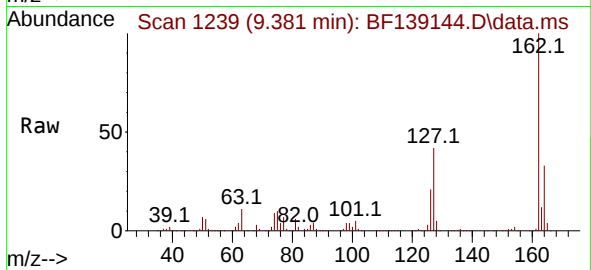
76 13.5 0.0 33.6



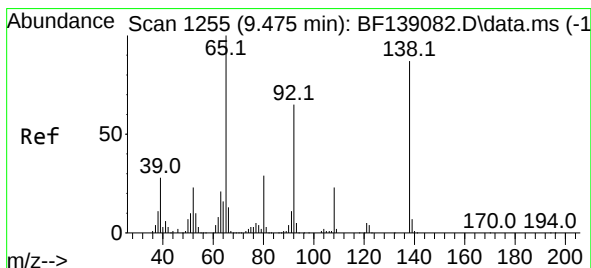
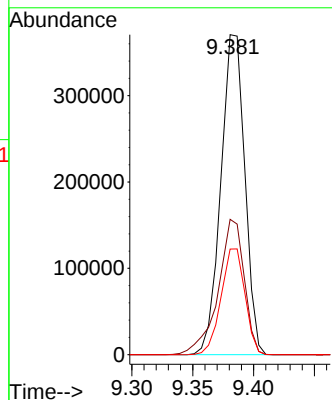
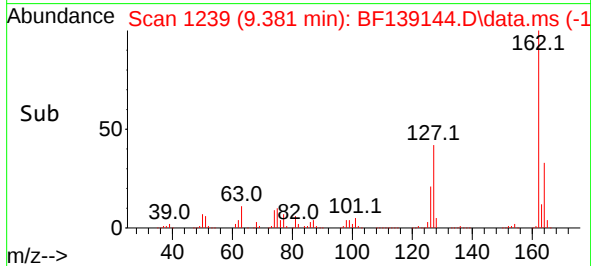


#47
2-Chloronaphthalene
Concen: 50.547 ng
RT: 9.381 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Instrument :
BNA_F
ClientSampleId :
20430MSD

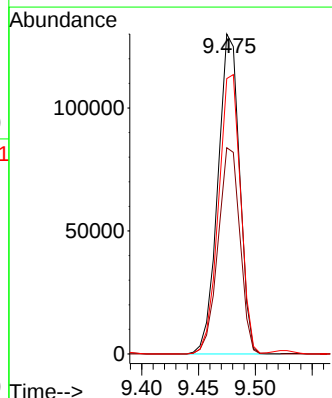
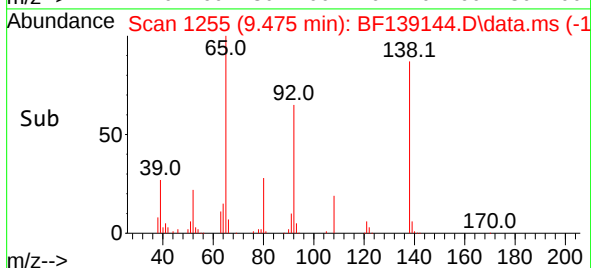
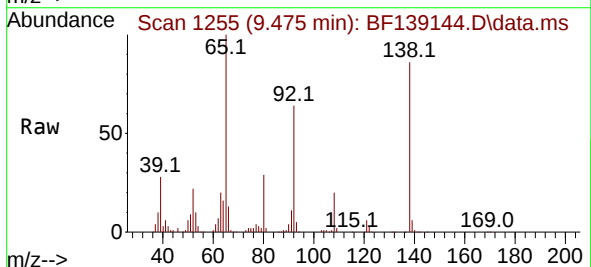


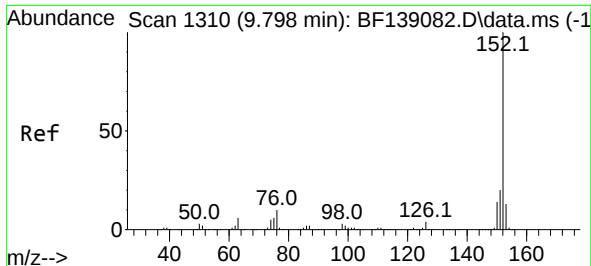
Tgt Ion:162 Resp: 508312
Ion Ratio Lower Upper
162 100
127 42.3 33.8 50.6
164 33.0 26.3 39.5



#48
2-Nitroaniline
Concen: 58.700 ng
RT: 9.475 min Scan# 1255
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion: 65 Resp: 173304
Ion Ratio Lower Upper
65 100
92 64.4 52.4 78.6
138 86.0 69.4 104.0





#49

Acenaphthylene

Concen: 54.933 ng

RT: 9.798 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

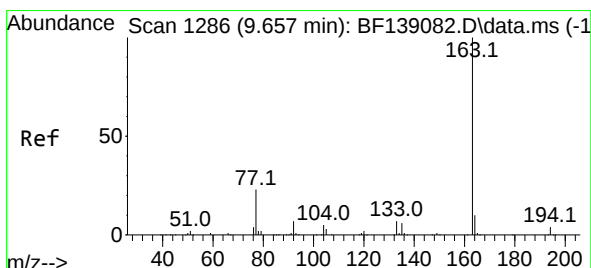
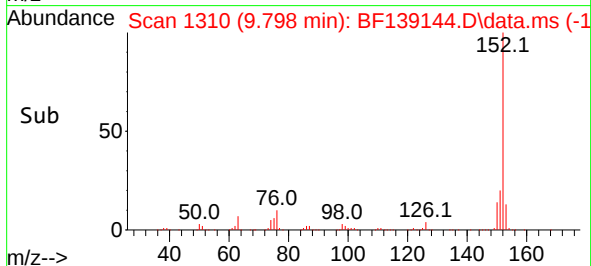
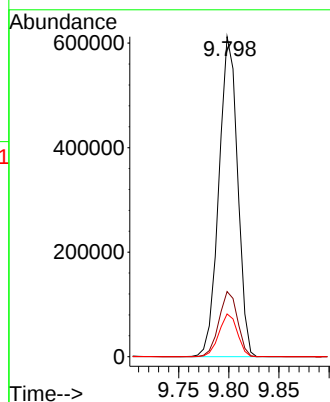
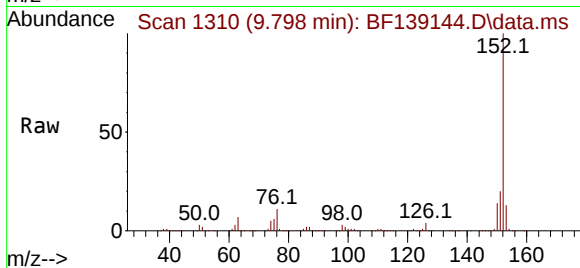
Tgt Ion:152 Resp: 791339

Ion Ratio Lower Upper

152 100

151 20.4 16.2 24.2

153 13.3 10.6 15.8



#50

Dimethylphthalate

Concen: 53.623 ng

RT: 9.663 min Scan# 1287

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

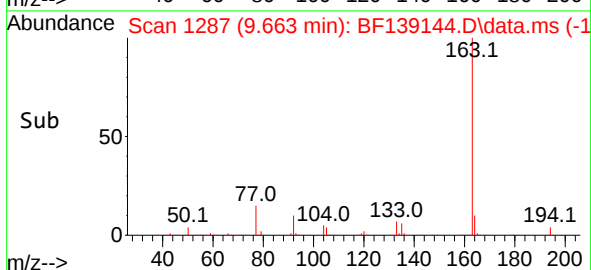
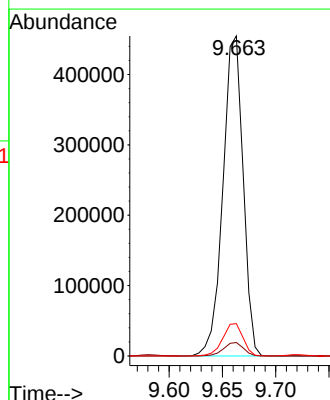
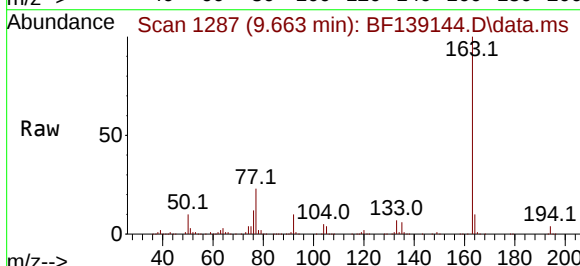
Tgt Ion:163 Resp: 598108

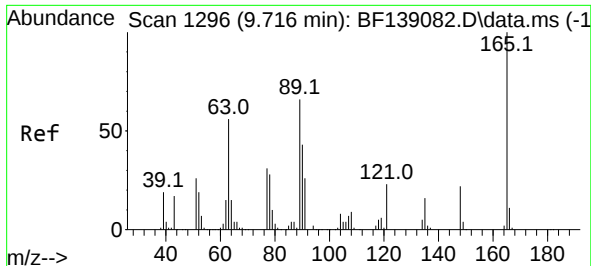
Ion Ratio Lower Upper

163 100

194 4.2 3.3 4.9

164 10.1 8.2 12.2

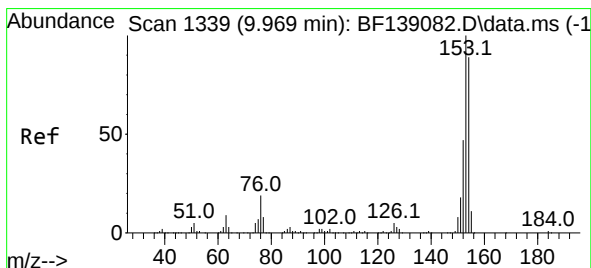
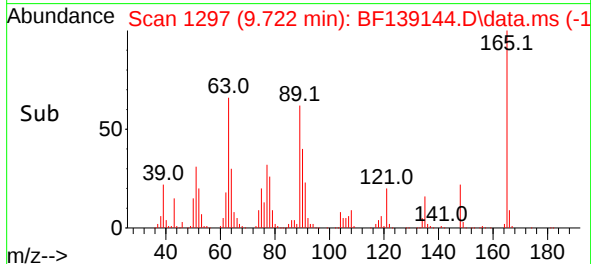
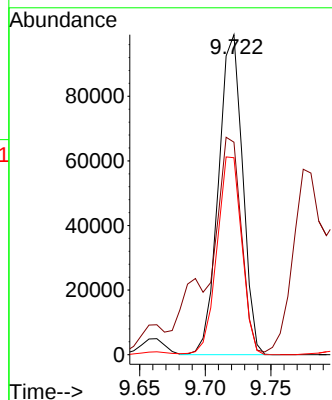
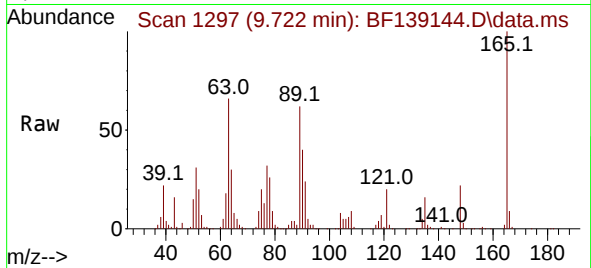




#51
2,6-Dinitrotoluene
Concen: 55.754 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

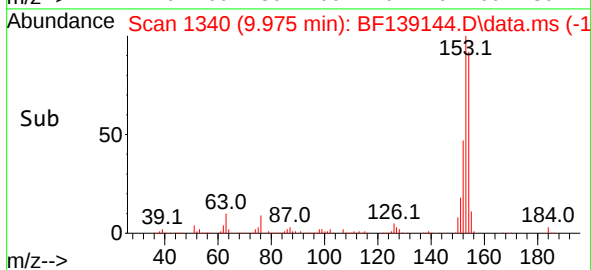
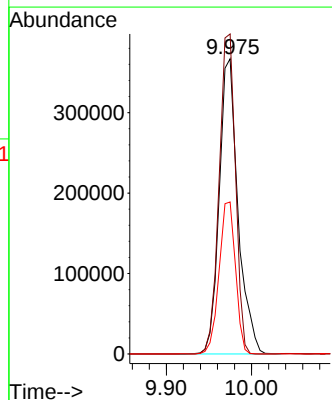
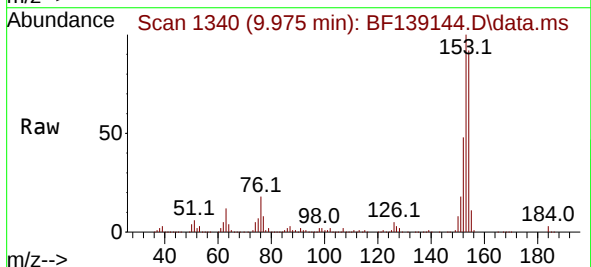
Instrument :
BNA_F
ClientSampleId :
20430MSD

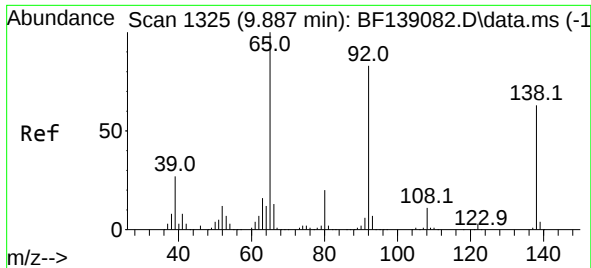
Tgt Ion:165 Resp: 126539
Ion Ratio Lower Upper
165 100
63 66.4 58.0 87.0
89 61.5 53.3 79.9



#52
Acenaphthene
Concen: 59.199 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:154 Resp: 563326
Ion Ratio Lower Upper
154 100
153 108.4 89.7 134.5
152 51.5 42.3 63.5

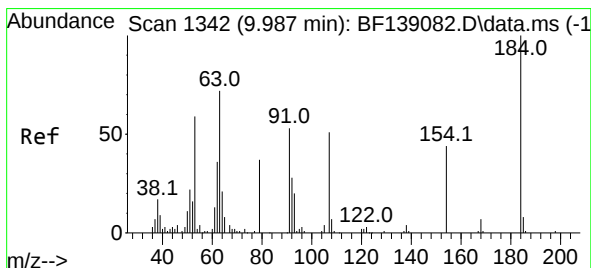
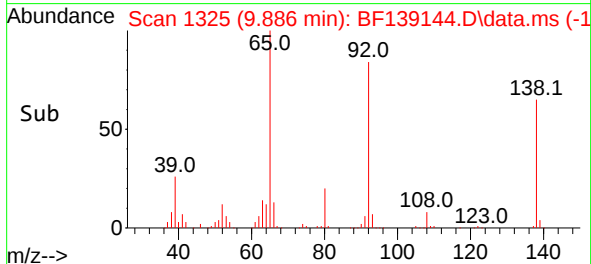
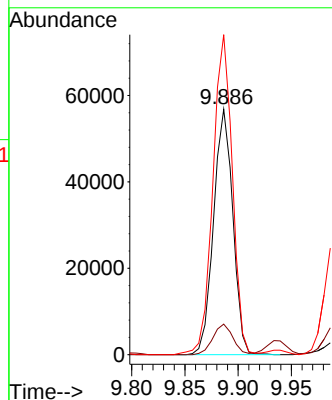
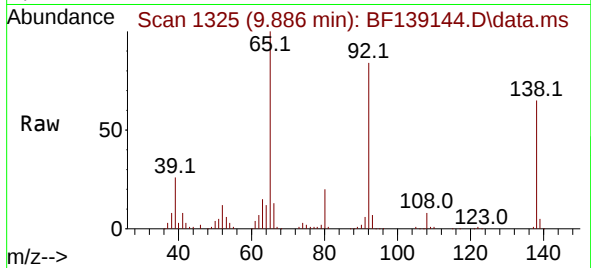




#53
3-Nitroaniline
Concen: 32.948 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.001 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

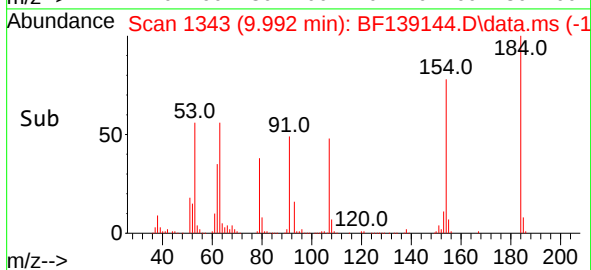
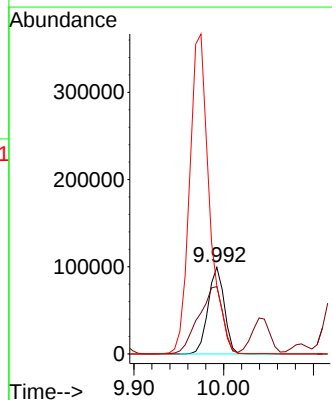
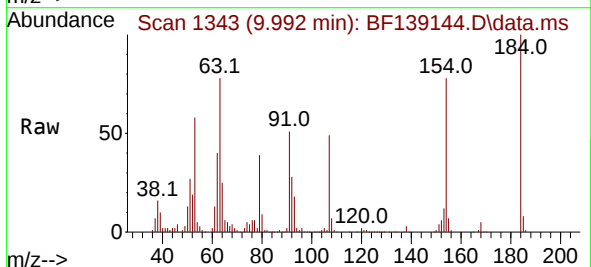
Instrument :
BNA_F
ClientSampleId :
20430MSD

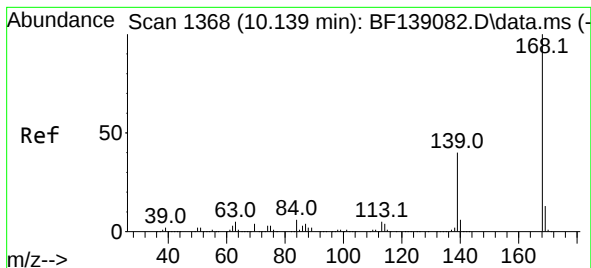
Tgt Ion:138 Resp: 71340
Ion Ratio Lower Upper
138 100
108 12.4 14.6 21.8#
92 130.4 105.9 158.9



#54
2,4-Dinitrophenol
Concen: 106.623 ng
RT: 9.992 min Scan# 1343
Delta R.T. 0.005 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:184 Resp: 124941
Ion Ratio Lower Upper
184 100
63 77.7 70.5 105.7
154 78.4 135.0 202.6#





#55

Dibenzenofuran

Concen: 51.739 ng

RT: 10.145 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

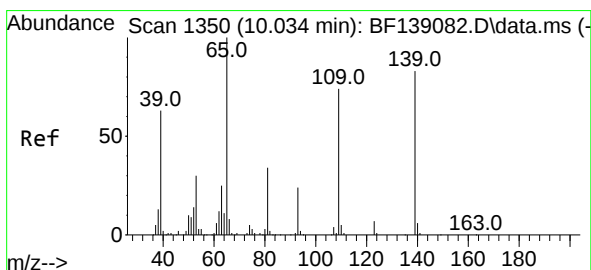
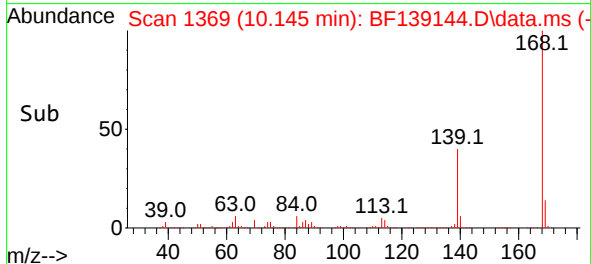
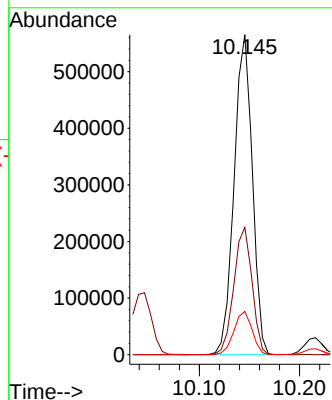
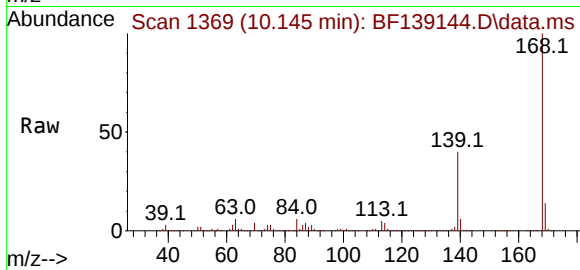
Tgt Ion:168 Resp: 715115

Ion Ratio Lower Upper

168 100

139 39.8 31.6 47.4

169 13.5 10.7 16.1



#56

4-Nitrophenol

Concen: 92.751 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.011 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

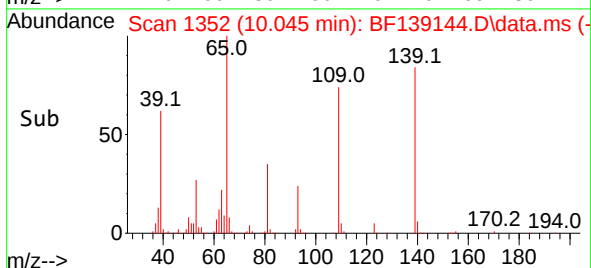
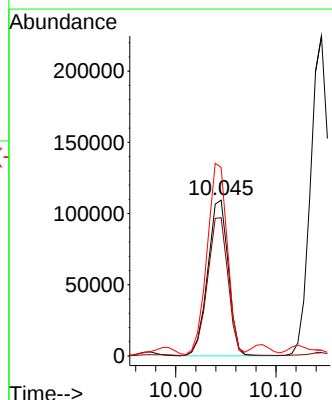
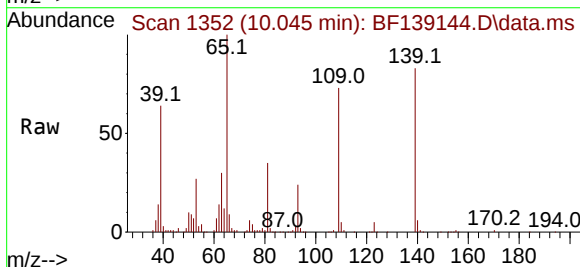
Tgt Ion:139 Resp: 156378

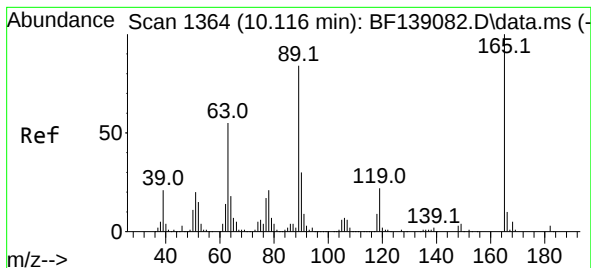
Ion Ratio Lower Upper

139 100

109 88.7 68.8 108.8

65 120.9 101.3 141.3

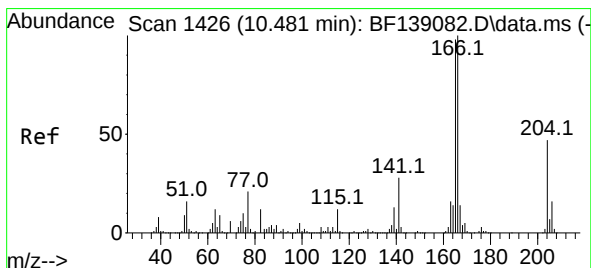
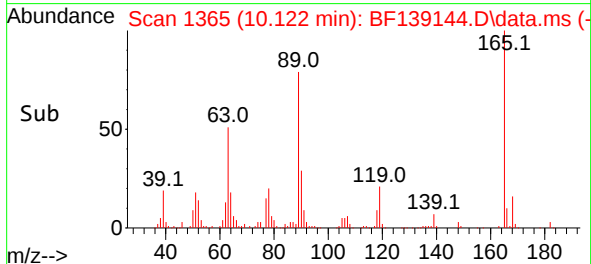
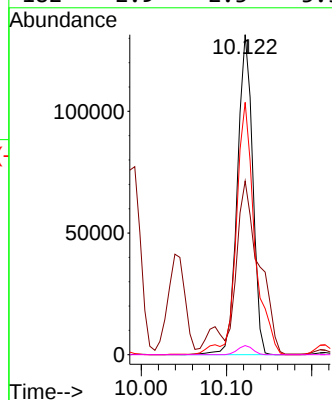
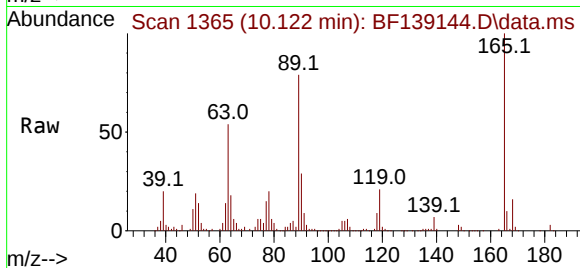




#57
2,4-Dinitrotoluene
Concen: 57.419 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

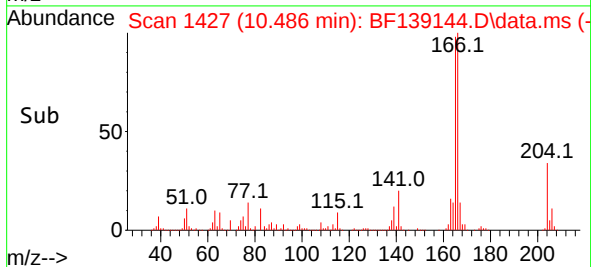
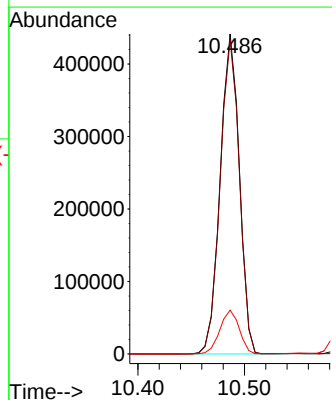
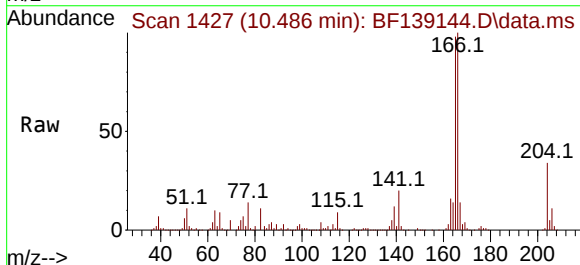
Instrument :
BNA_F
ClientSampleId :
20430MSD

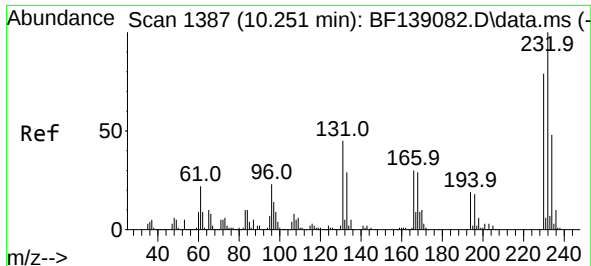
Tgt Ion:165 Resp: 164500
Ion Ratio Lower Upper
165 100
63 54.2 44.2 66.4
89 78.8 67.4 101.2
182 2.9 2.3 3.5



#58
Fluorene
Concen: 49.952 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:166 Resp: 551760
Ion Ratio Lower Upper
166 100
165 98.2 78.0 117.0
167 13.7 11.0 16.4

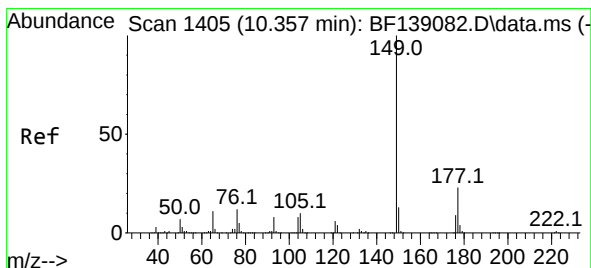
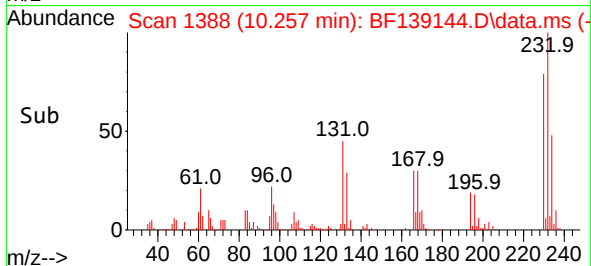
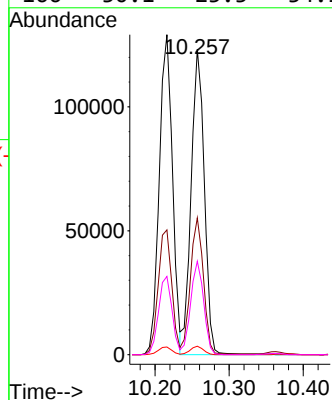
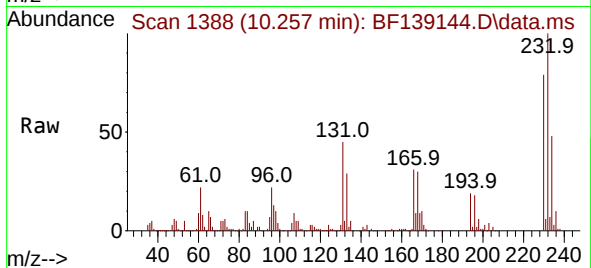




#59
2,3,4,6-Tetrachlorophenol
Concen: 55.522 ng
RT: 10.257 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

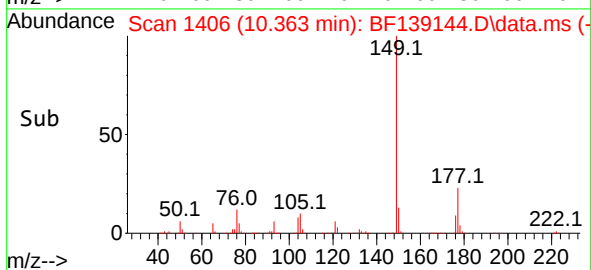
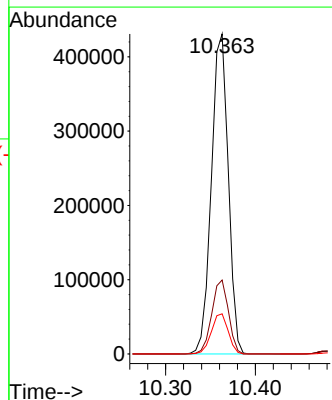
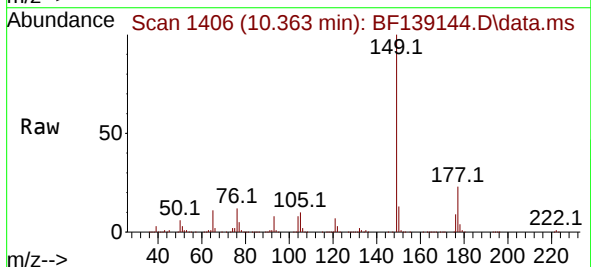
Instrument :
BNA_F
ClientSampleId :
20430MSD

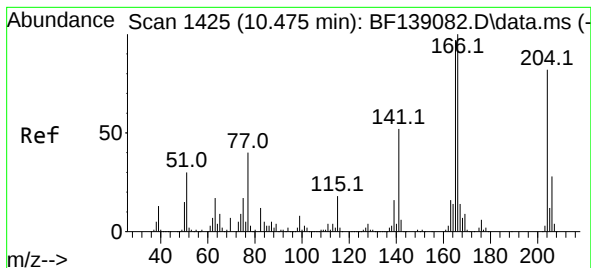
Tgt Ion:232 Resp: 152743
Ion Ratio Lower Upper
232 100
131 44.6 36.0 54.0
130 2.7 2.0 3.0
166 30.1 23.3 34.9



#60
Diethylphthalate
Concen: 50.902 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:149 Resp: 562552
Ion Ratio Lower Upper
149 100
177 23.1 18.4 27.6
150 12.5 10.2 15.2

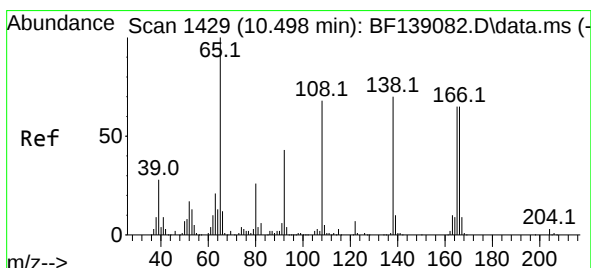
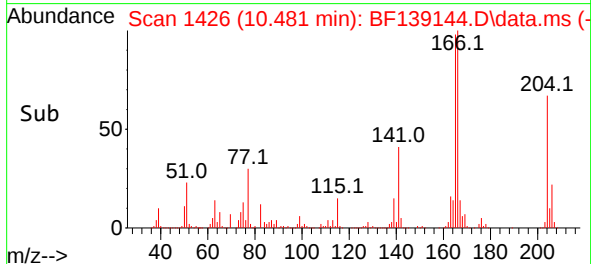
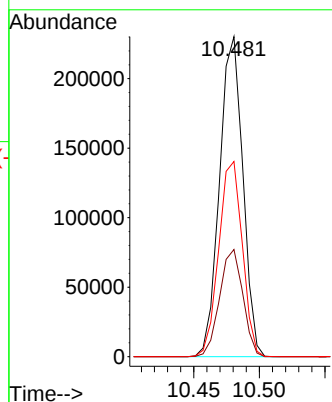
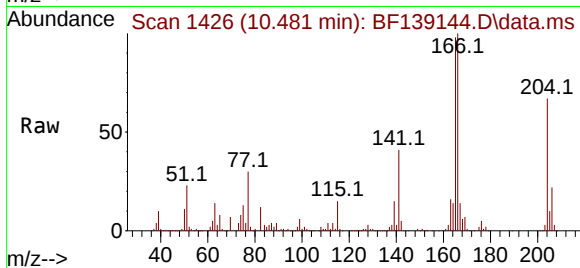




#61
4-Chlorophenyl-phenylether
Concen: 51.502 ng
RT: 10.481 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

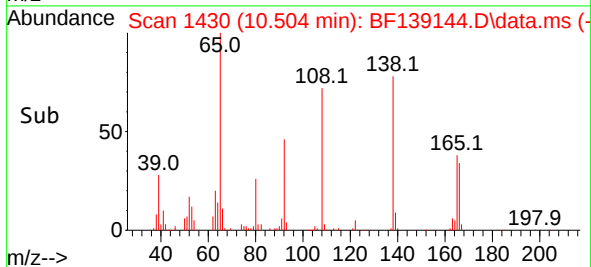
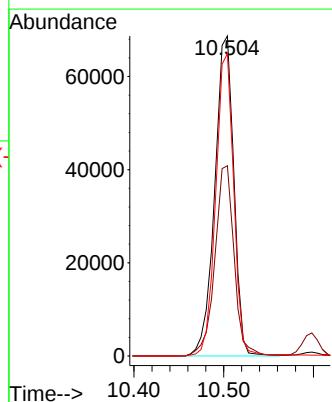
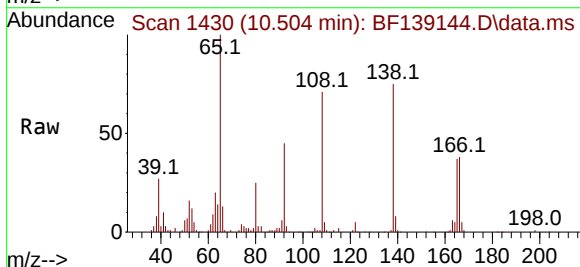
Instrument :
BNA_F
ClientSampleId :
20430MSD

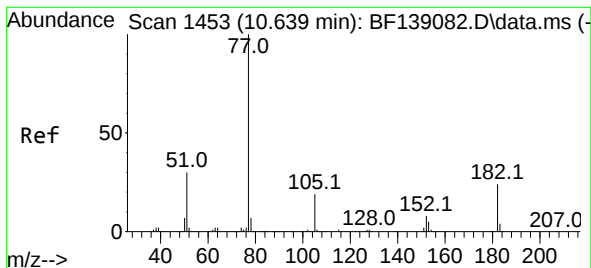
Tgt Ion:204 Resp: 284119
Ion Ratio Lower Upper
204 100
206 33.5 27.0 40.4
141 61.0 50.9 76.3



#62
4-Nitroaniline
Concen: 44.629 ng
RT: 10.504 min Scan# 1430
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:138 Resp: 101527
Ion Ratio Lower Upper
138 100
92 59.4 41.4 81.4
108 94.5 76.8 116.8





#63

Azobenzene

Concen: 50.884 ng

RT: 10.639 min Scan# 1453

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

Tgt Ion: 77 Resp: 624937

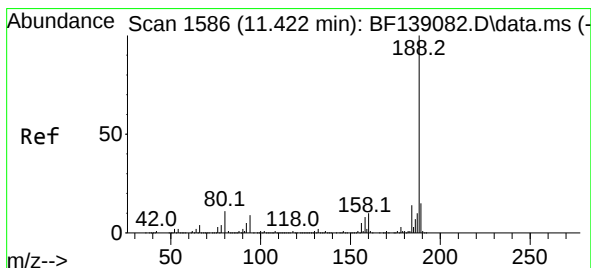
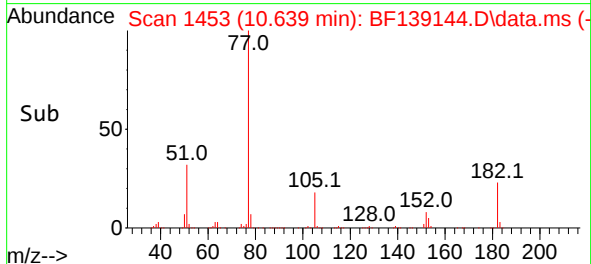
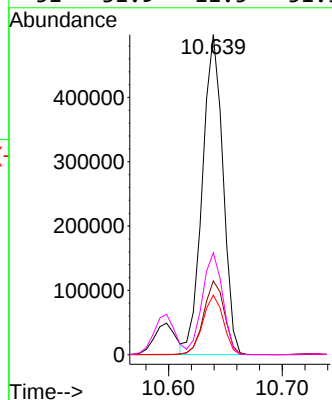
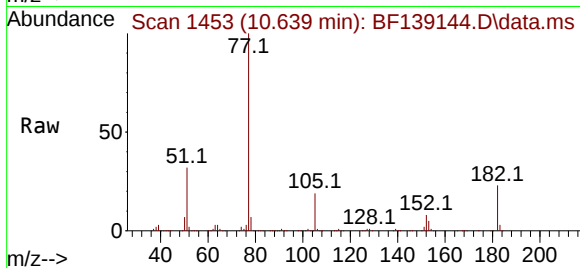
Ion Ratio Lower Upper

77 100

182 23.0 4.0 44.0

105 18.6 0.0 39.1

51 31.9 11.5 51.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

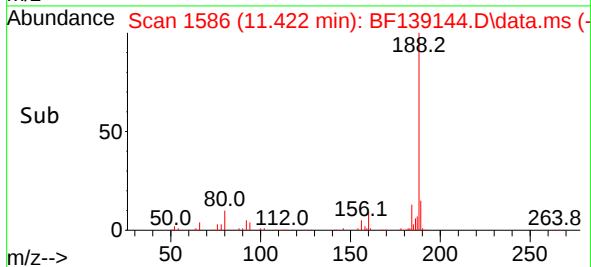
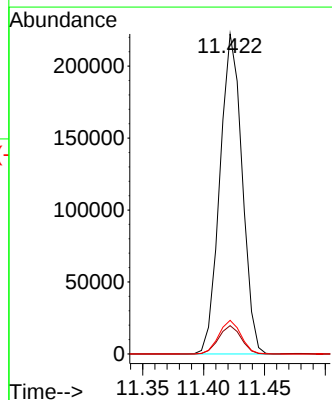
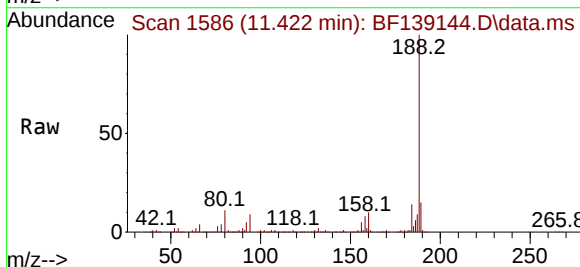
Tgt Ion: 188 Resp: 283007

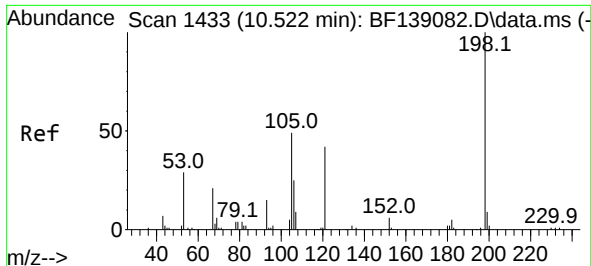
Ion Ratio Lower Upper

188 100

94 8.9 7.2 10.8

80 10.5 8.5 12.7

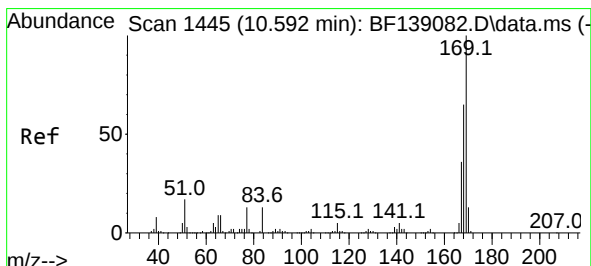
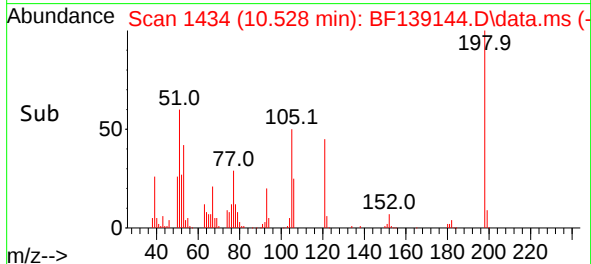
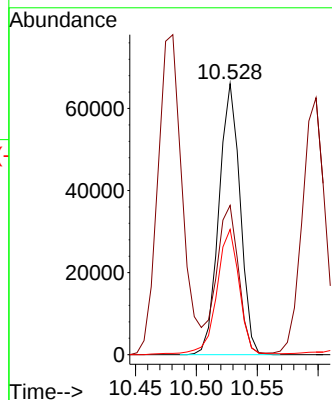
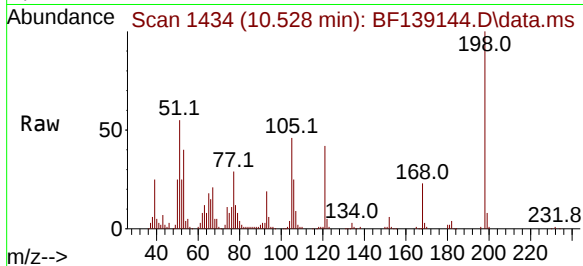




#65
4,6-Dinitro-2-methylphenol
Concen: 68.401 ng
RT: 10.528 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

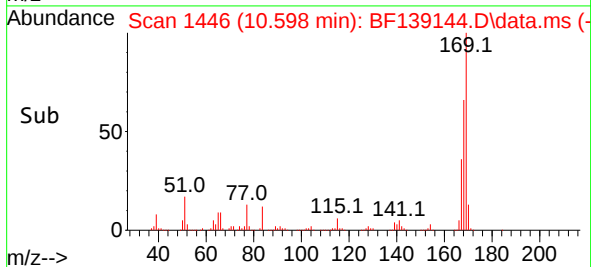
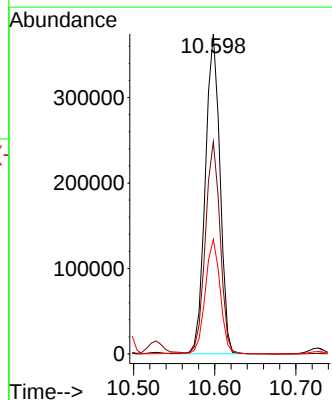
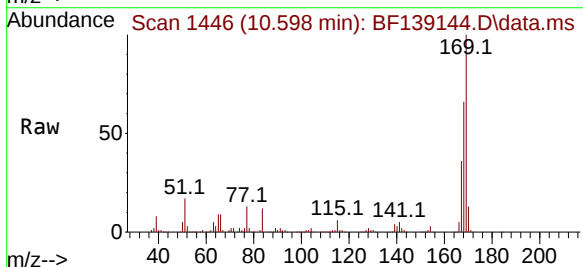
Instrument :
BNA_F
ClientSampleId :
20430MSD

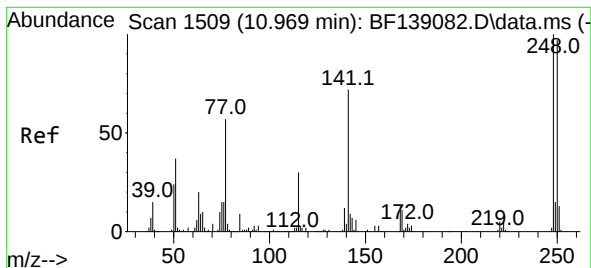
Tgt Ion:198 Resp: 79717
Ion Ratio Lower Upper
198 100
51 55.1 40.8 80.8
105 46.2 30.9 70.9



#66
n-Nitrosodiphenylamine
Concen: 55.821 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:169 Resp: 467443
Ion Ratio Lower Upper
169 100
168 66.3 52.4 78.6
167 35.9 28.6 43.0

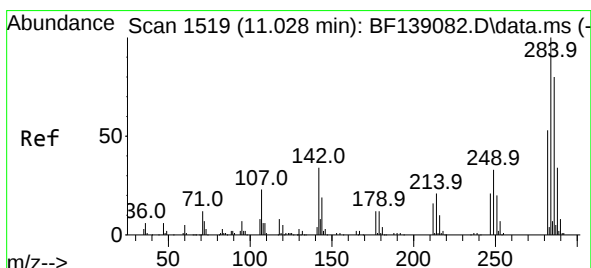
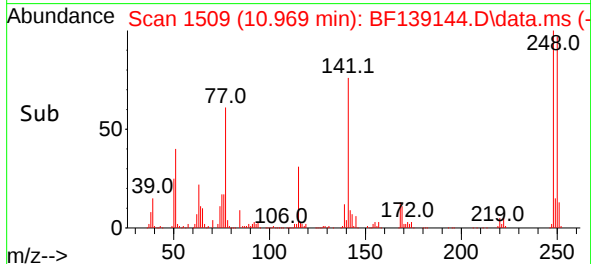
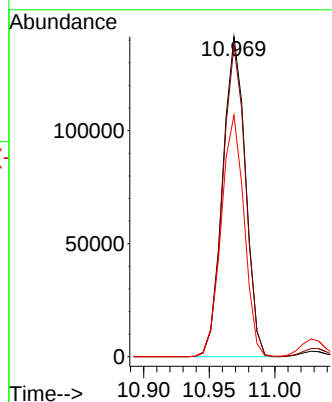
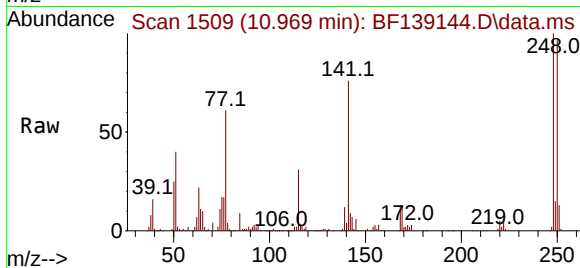




#67
4-Bromophenyl-phenylether
Concen: 57.087 ng
RT: 10.969 min Scan# 1509
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

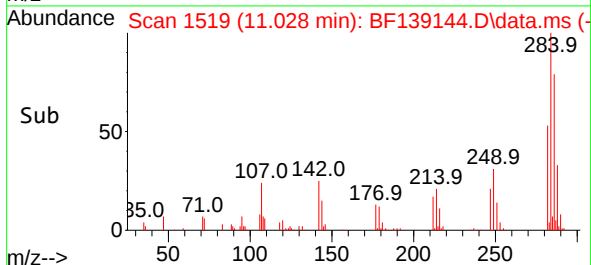
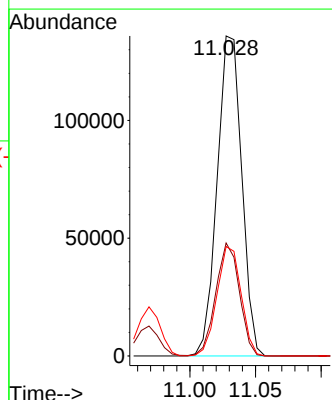
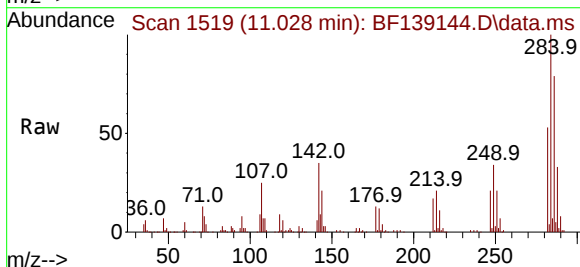
Instrument :
BNA_F
ClientSampleId :
20430MSD

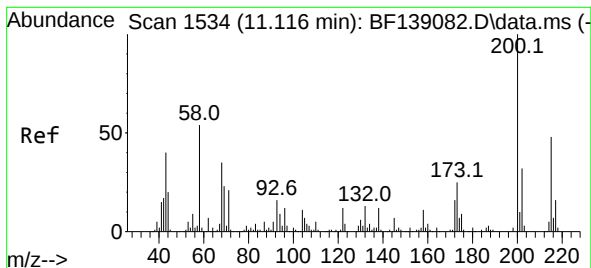
Tgt Ion:248 Resp: 171196
Ion Ratio Lower Upper
248 100
250 97.2 77.8 116.8
141 75.5 57.9 86.9



#68
Hexachlorobenzene
Concen: 54.977 ng
RT: 11.028 min Scan# 1519
Delta R.T. -0.000 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:284 Resp: 176876
Ion Ratio Lower Upper
284 100
142 35.3 27.1 40.7
249 34.2 26.8 40.2





#69

Atrazine

Concen: 53.994 ng

RT: 11.122 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

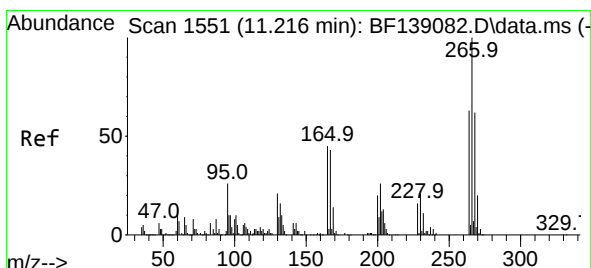
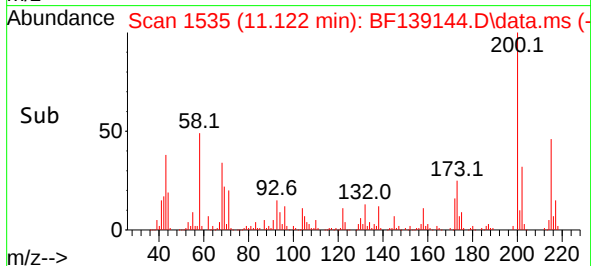
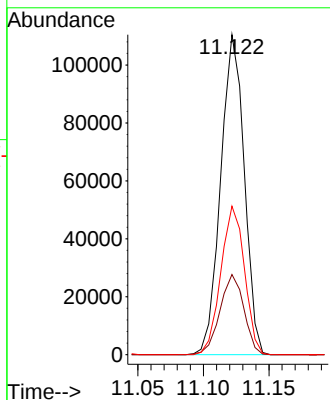
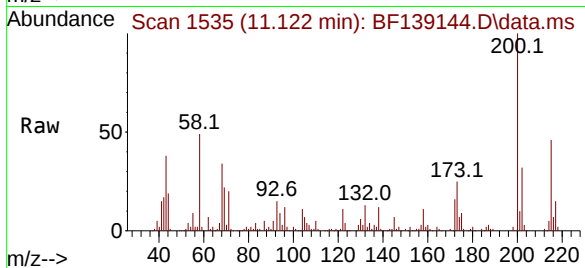
Tgt Ion:200 Resp: 138087

Ion Ratio Lower Upper

200 100

173 25.0 5.2 45.2

215 46.4 27.9 67.9



#70

Pentachlorophenol

Concen: 102.111 ng

RT: 11.222 min Scan# 1552

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

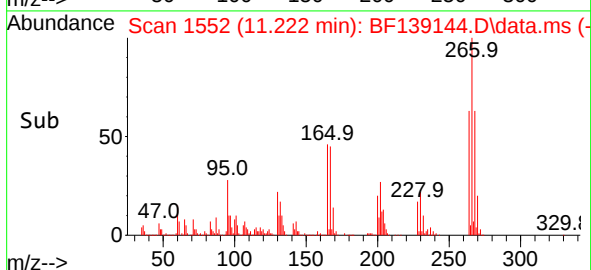
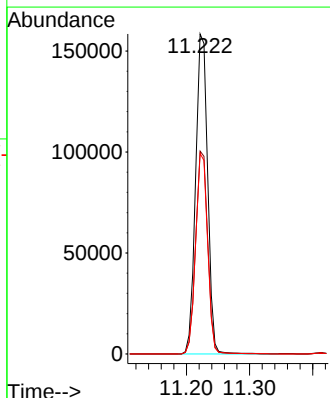
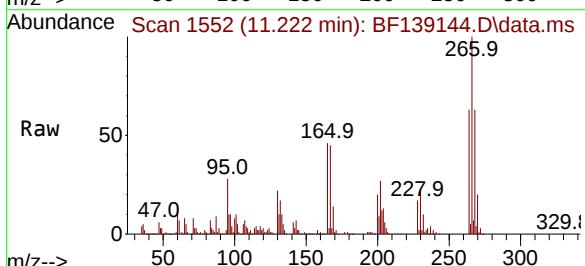
Tgt Ion:266 Resp: 209850

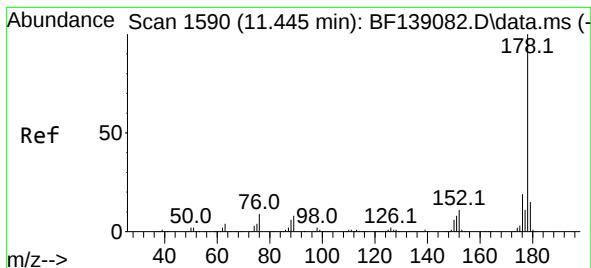
Ion Ratio Lower Upper

266 100

268 63.4 49.5 74.3

264 62.7 50.0 75.0





#71

Phenanthrene

Concen: 51.770 ng

RT: 11.451 min Scan# 1591

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

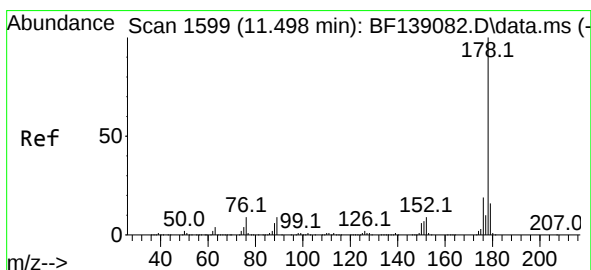
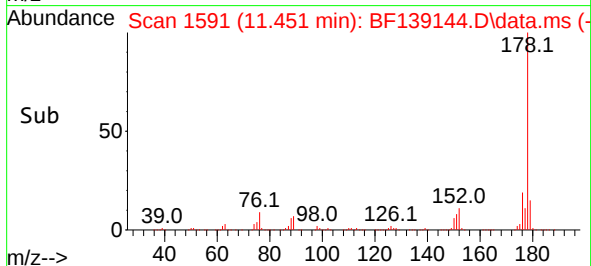
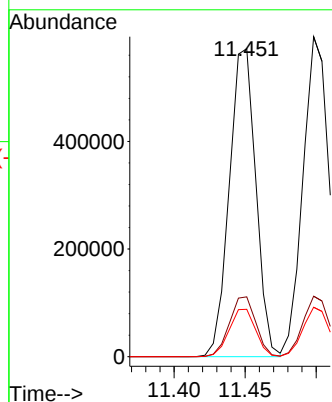
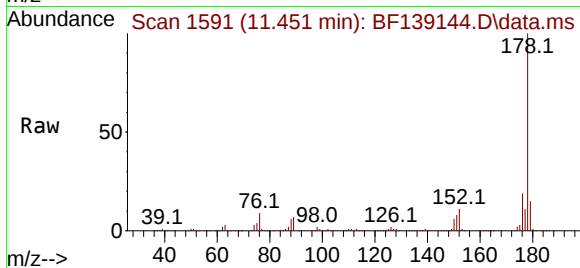
Tgt Ion:178 Resp: 744697

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.4 12.3 18.5



#72

Anthracene

Concen: 53.813 ng

RT: 11.498 min Scan# 1599

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

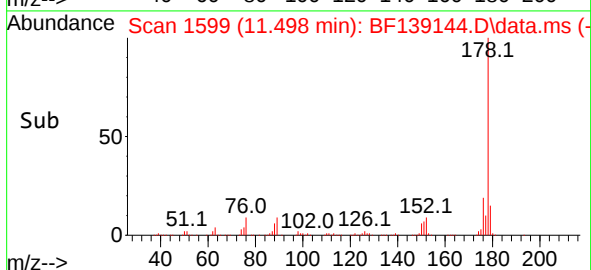
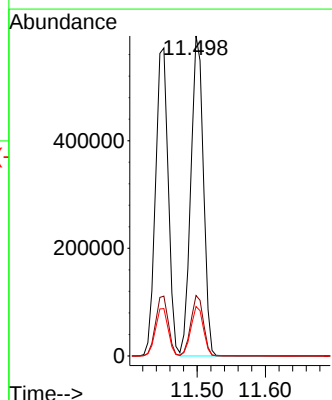
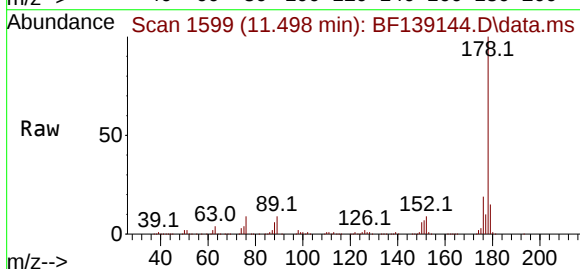
Tgt Ion:178 Resp: 757032

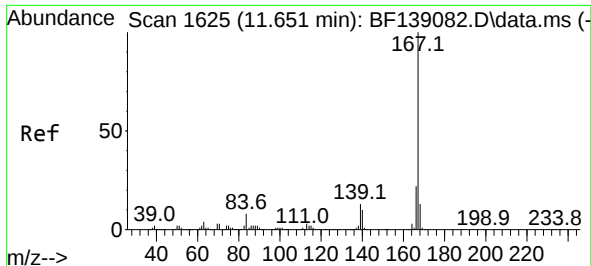
Ion Ratio Lower Upper

178 100

176 18.9 15.0 22.4

179 15.4 12.4 18.6

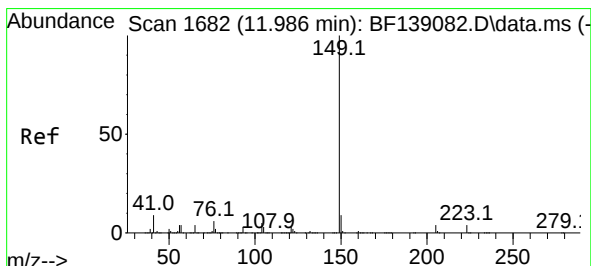
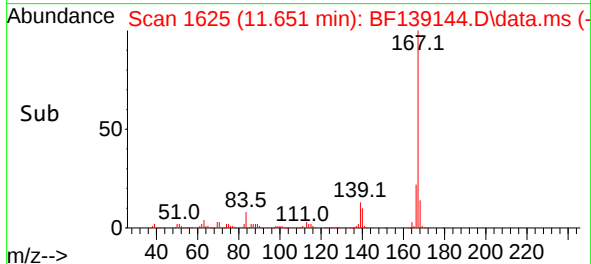
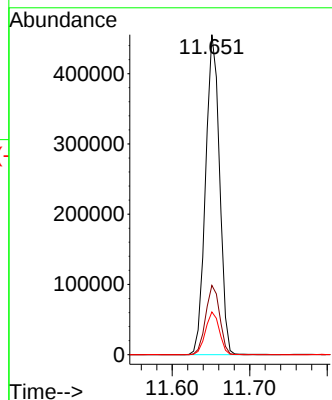
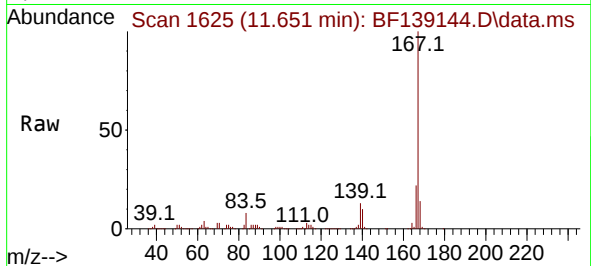




#73
 Carbazole
 Concen: 43.451 ng
 RT: 11.651 min Scan# 1625
 Delta R.T. -0.000 min
 Lab File: BF139144.D
 Acq: 23 Aug 2024 13:44

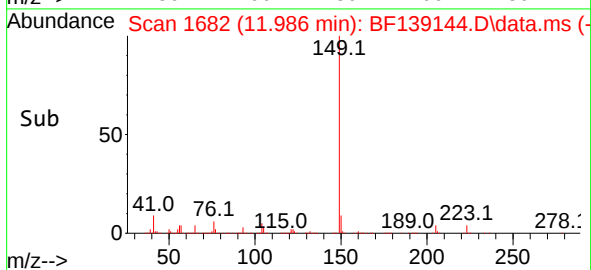
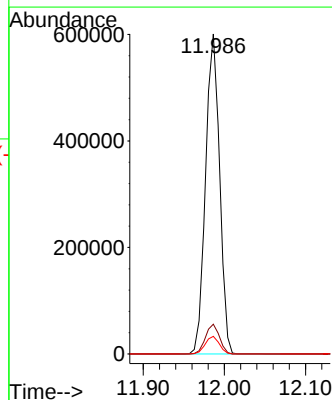
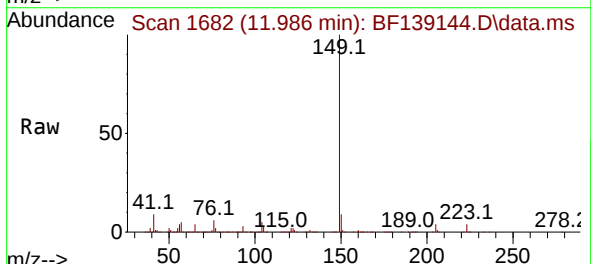
Instrument :
 BNA_F
 ClientSampleId :
 20430MSD

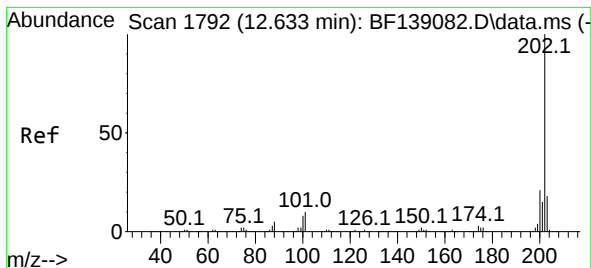
Tgt Ion:167 Resp: 570790
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.4 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 47.186 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139144.D
 Acq: 23 Aug 2024 13:44

Tgt Ion:149 Resp: 718734
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.5 4.3 6.5





#75

Fluoranthene

Concen: 40.287 ng

RT: 12.633 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

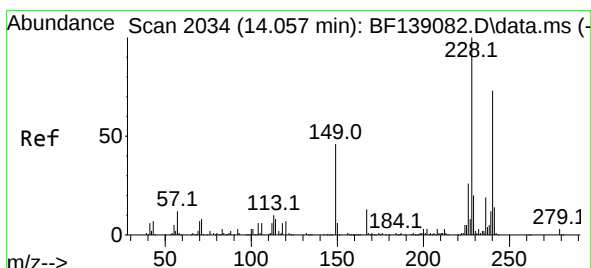
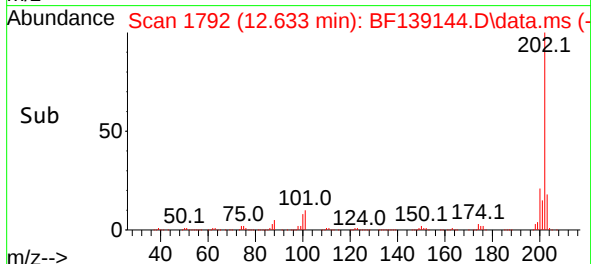
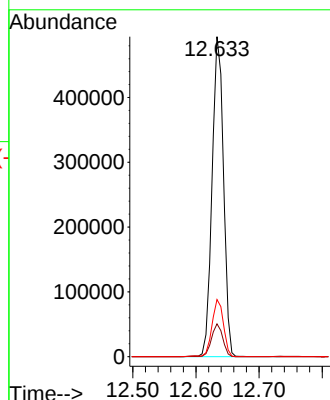
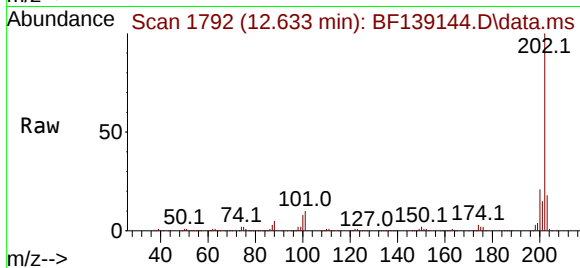
Tgt Ion:202 Resp: 618537

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.2

203 17.9 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

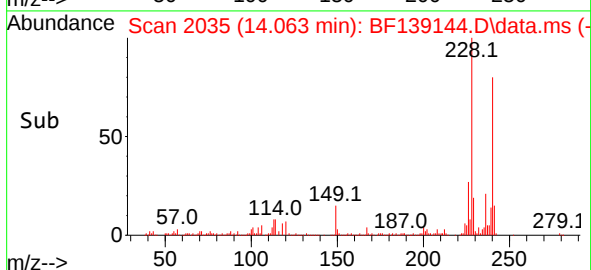
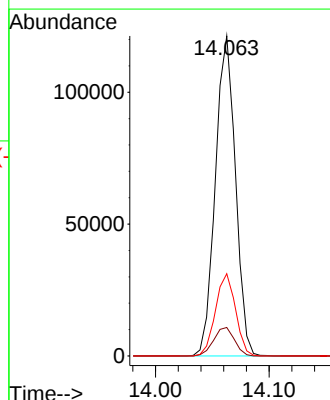
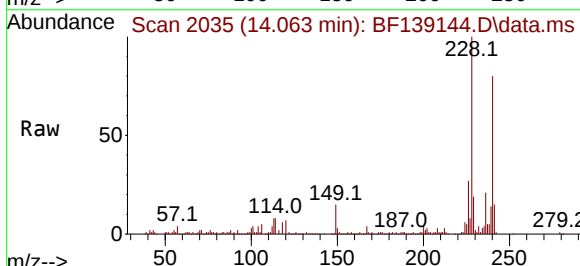
Tgt Ion:240 Resp: 149222

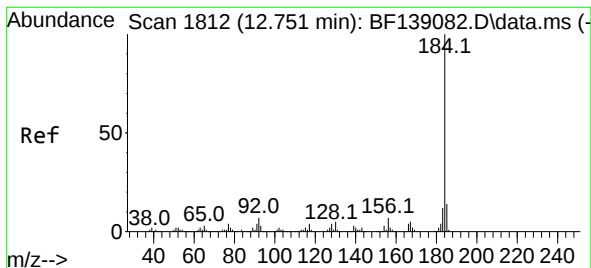
Ion Ratio Lower Upper

240 100

120 8.9 7.8 11.6

236 25.7 20.9 31.3





#77

Benzidine

Concen: 31.231 ng

RT: 12.757 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

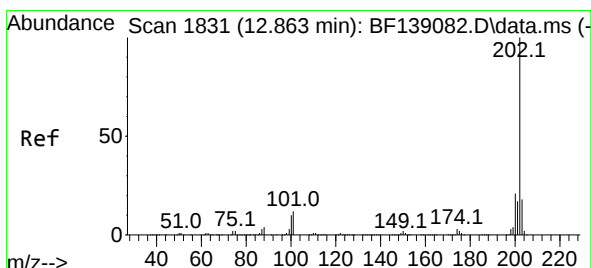
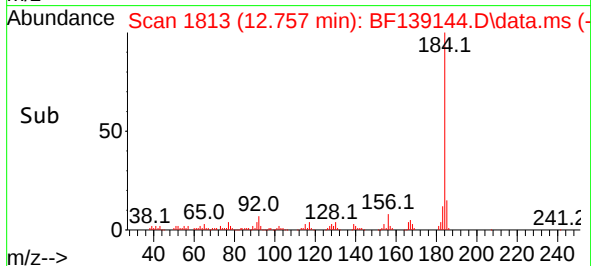
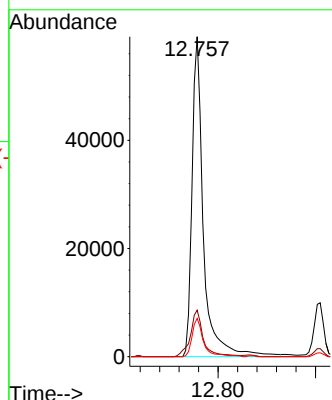
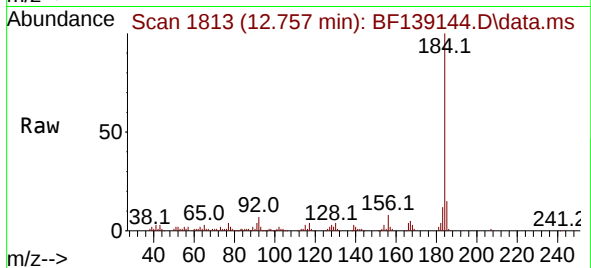
Tgt Ion:184 Resp: 96267

Ion Ratio Lower Upper

184 100

185 14.6 11.5 17.3

183 12.0 9.8 14.6



#78

Pyrene

Concen: 49.307 ng

RT: 12.863 min Scan# 1831

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

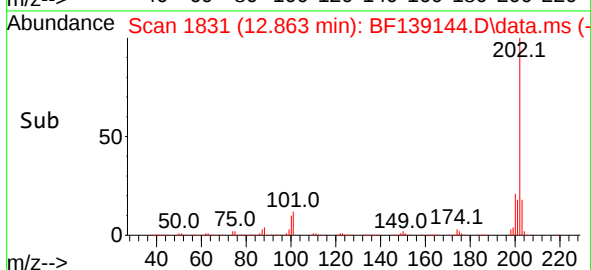
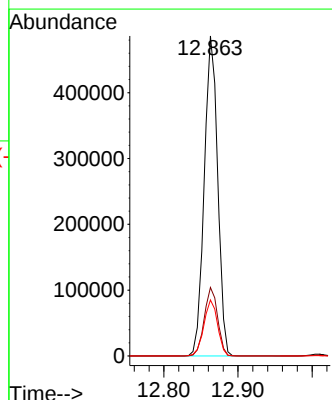
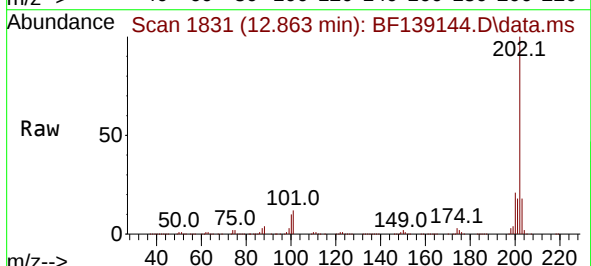
Tgt Ion:202 Resp: 614015

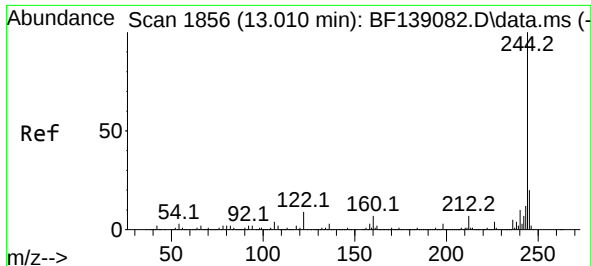
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.5 14.1 21.1

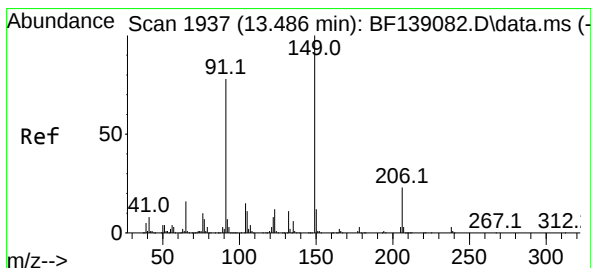
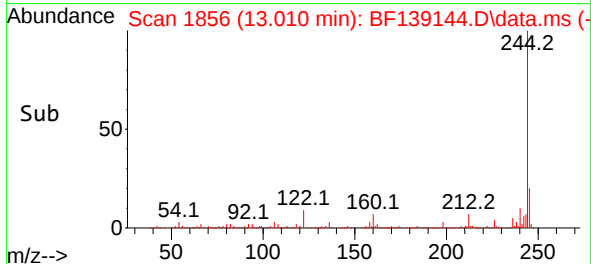
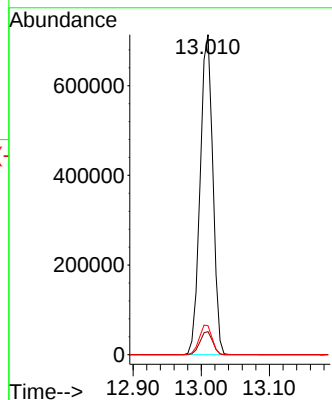
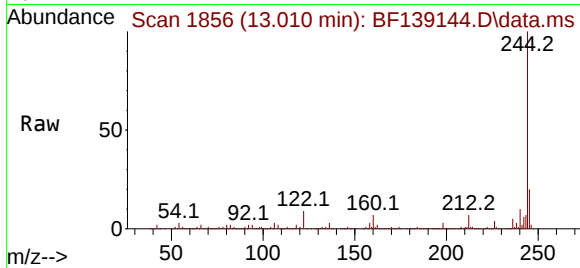




#79
 Terphenyl-d14
 Concen: 102.732 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139144.D
 Acq: 23 Aug 2024 13:44

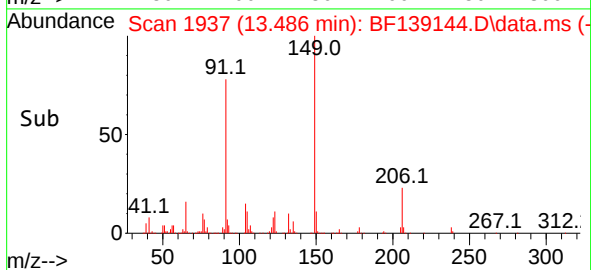
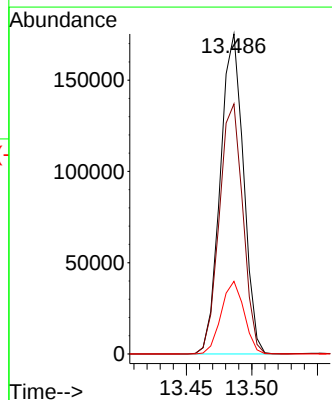
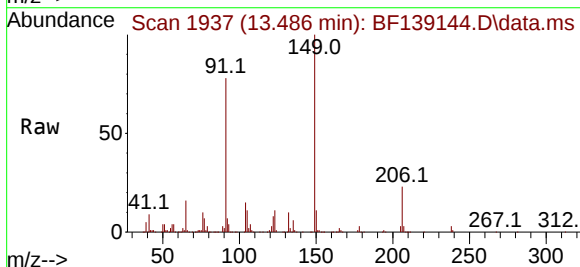
Instrument :
 BNA_F
 ClientSampleId :
 20430MSD

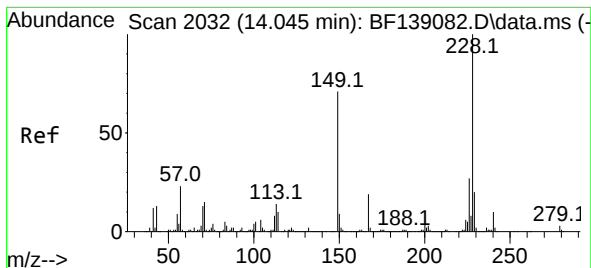
Tgt Ion:244 Resp: 923875
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.1 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 49.953 ng
 RT: 13.486 min Scan# 1937
 Delta R.T. -0.000 min
 Lab File: BF139144.D
 Acq: 23 Aug 2024 13:44

Tgt Ion:149 Resp: 215207
 Ion Ratio Lower Upper
 149 100
 91 78.1 62.1 93.1
 206 22.7 18.0 27.0





#81

Benzo(a)anthracene

Concen: 52.569 ng

RT: 14.051 min Scan# 2032

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

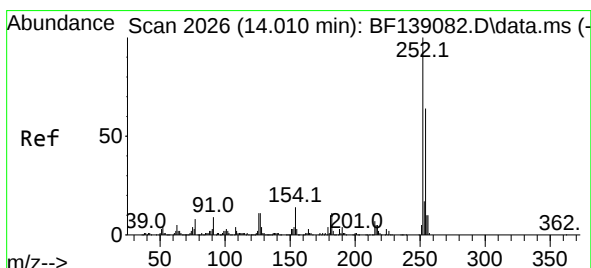
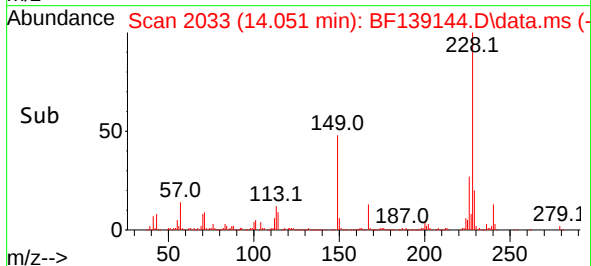
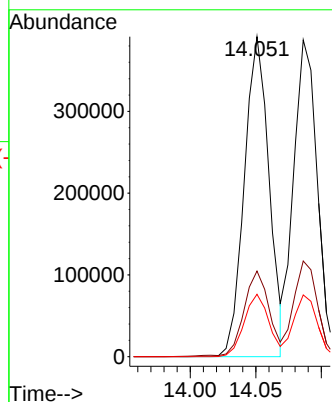
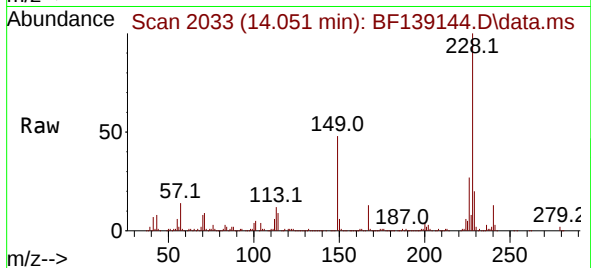
Tgt Ion:228 Resp: 515662

Ion Ratio Lower Upper

228 100

226 26.8 21.9 32.9

229 19.5 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 47.084 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

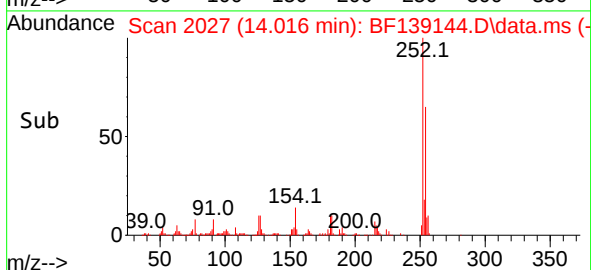
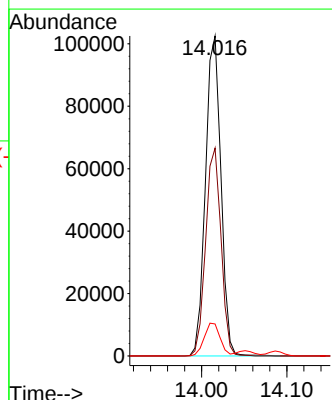
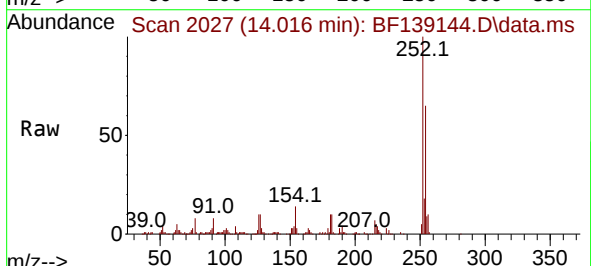
Tgt Ion:252 Resp: 129100

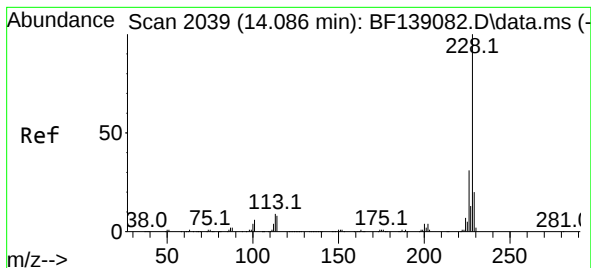
Ion Ratio Lower Upper

252 100

254 65.0 51.4 77.0

126 10.0 8.6 12.8





#83

Chrysene

Concen: 54.251 ng

RT: 14.086 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF139144.D

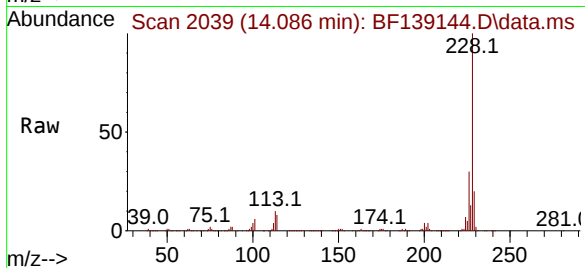
Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD



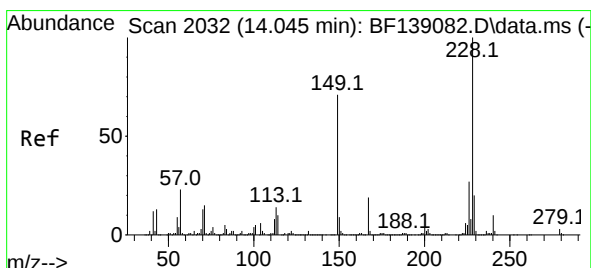
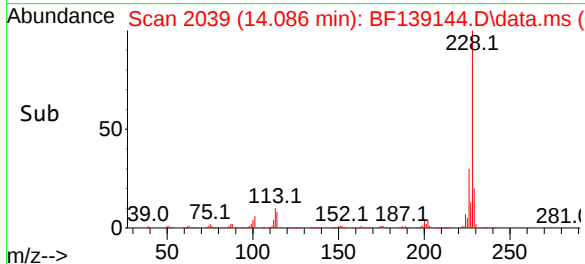
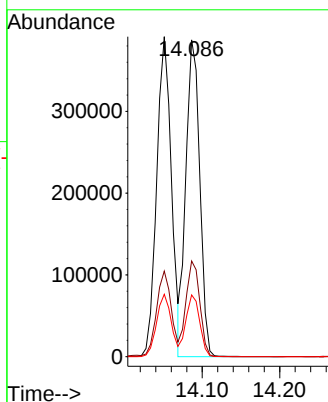
Tgt Ion:228 Resp: 482354

Ion Ratio Lower Upper

228 100

226 30.2 24.3 36.5

229 19.5 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.427 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

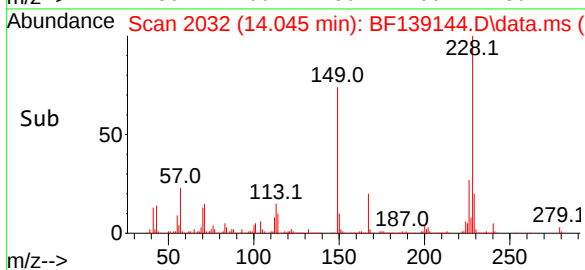
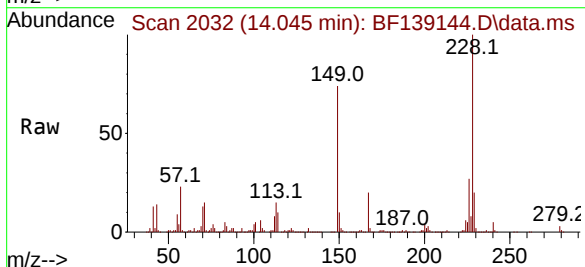
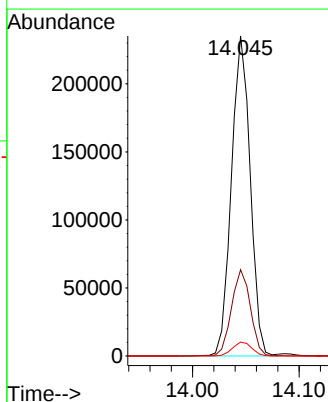
Tgt Ion:149 Resp: 288008

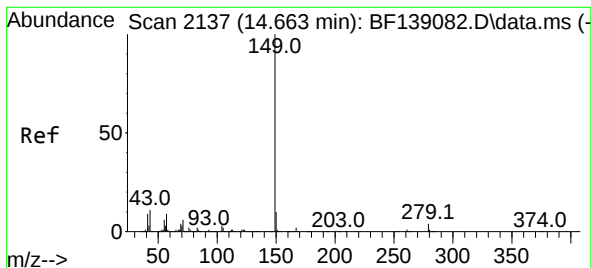
Ion Ratio Lower Upper

149 100

167 27.0 21.8 32.6

279 4.4 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 66.394 ng

RT: 14.663 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

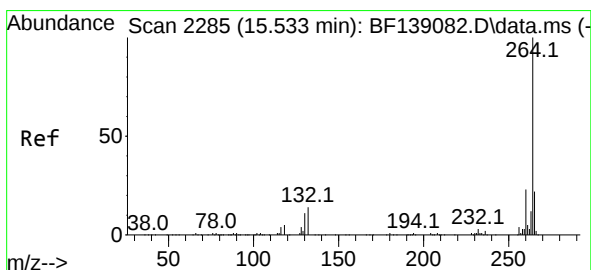
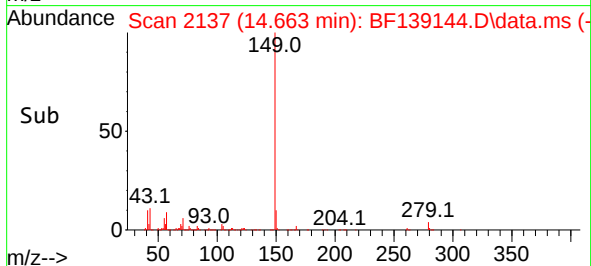
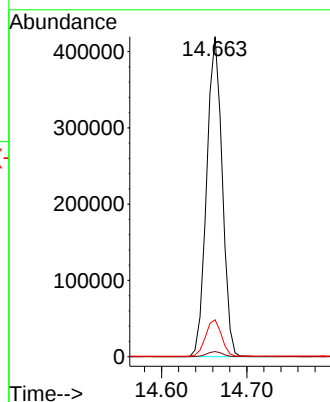
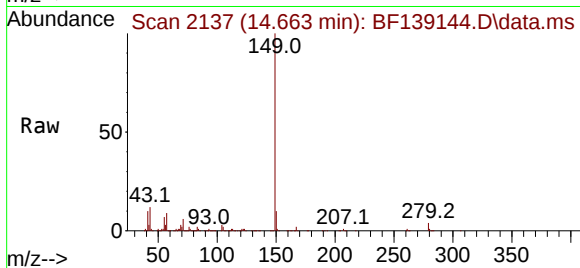
Tgt Ion:149 Resp: 532220

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.6 9.6 14.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

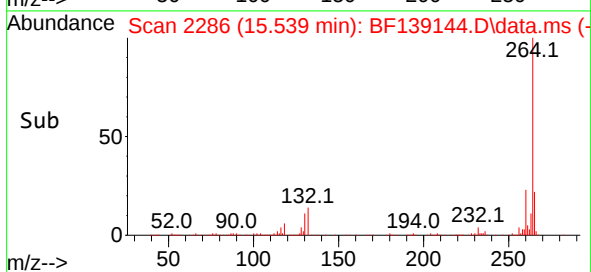
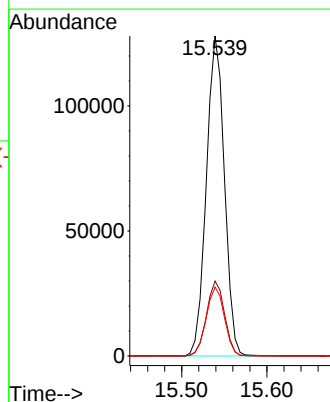
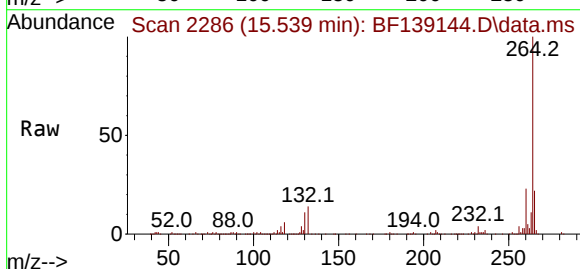
Tgt Ion:264 Resp: 188099

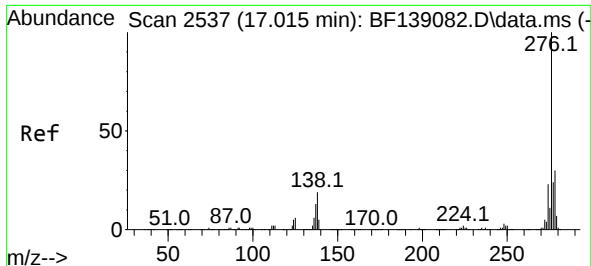
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.6 17.4 26.2

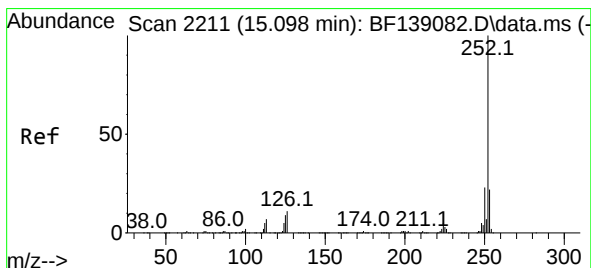
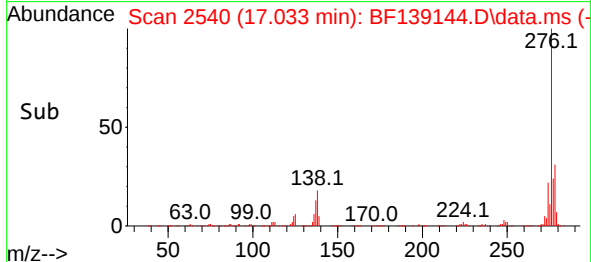
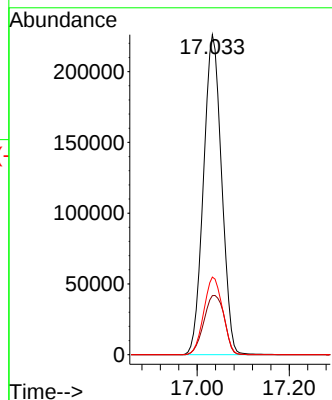
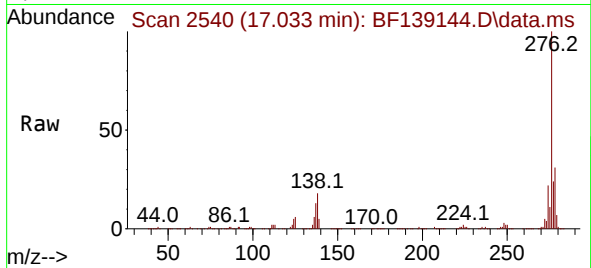




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 56.194 ng
 RT: 17.033 min Scan# 2113
 Delta R.T. 0.018 min
 Lab File: BF139144.D
 Acq: 23 Aug 2024 13:44

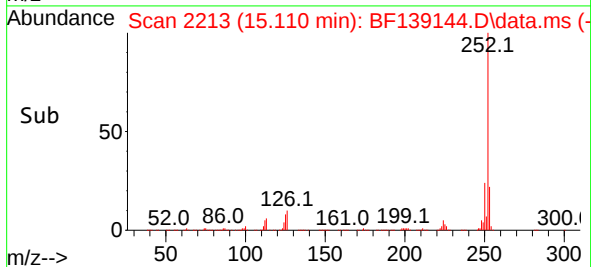
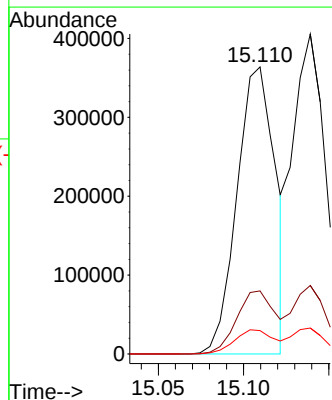
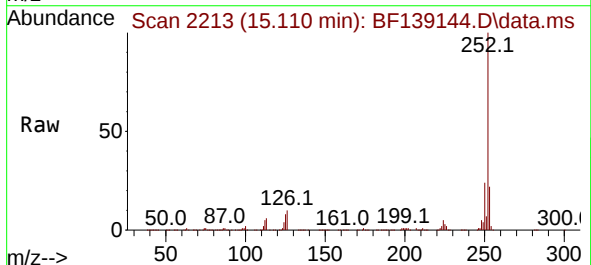
Instrument :
 BNA_F
 ClientSampleId :
 20430MSD

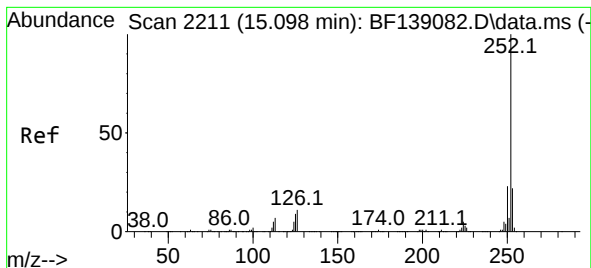
Tgt Ion:276 Resp: 618616
 Ion Ratio Lower Upper
 276 100
 138 20.9 17.3 25.9
 277 25.2 20.2 30.4



#88
 Benzo(b)fluoranthene
 Concen: 46.364 ng
 RT: 15.110 min Scan# 2213
 Delta R.T. 0.012 min
 Lab File: BF139144.D
 Acq: 23 Aug 2024 13:44

Tgt Ion:252 Resp: 568555
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.2
 125 8.1 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 52.954 ng

RT: 15.139 min Scan# 2211

Delta R.T. 0.006 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

Instrument :

BNA_F

ClientSampleId :

20430MSD

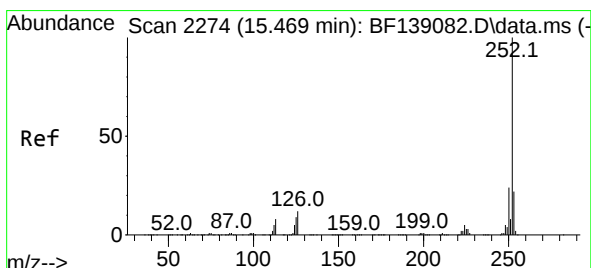
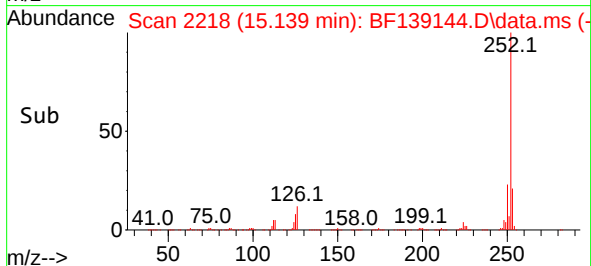
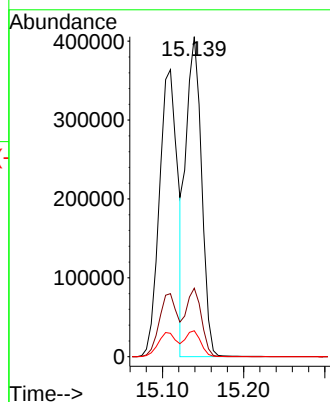
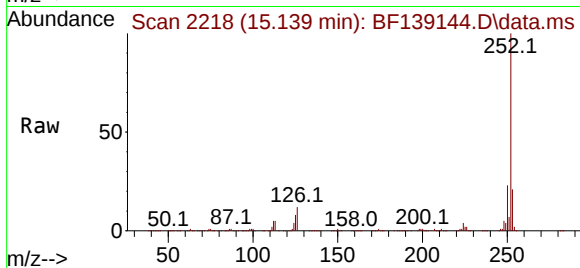
Tgt Ion:252 Resp: 540841

Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 8.1 7.0 10.6



#90

Benzo(a)pyrene

Concen: 55.706 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.012 min

Lab File: BF139144.D

Acq: 23 Aug 2024 13:44

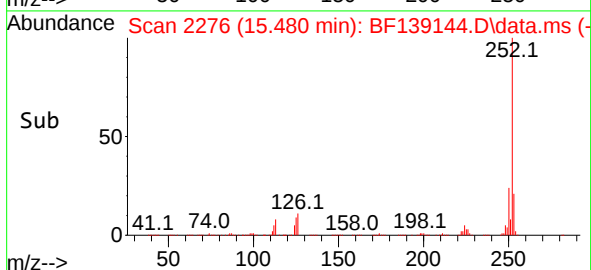
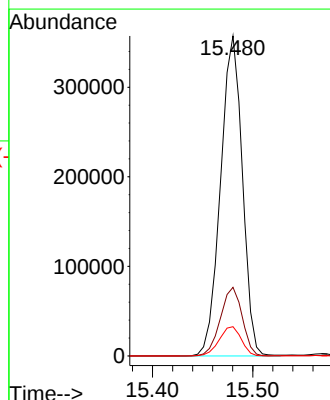
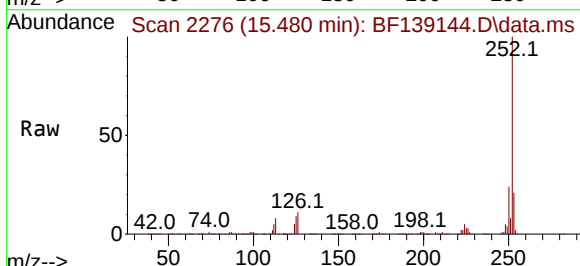
Tgt Ion:252 Resp: 539776

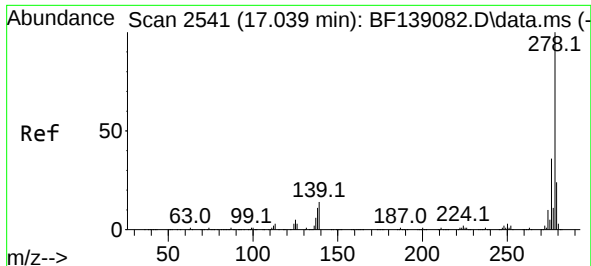
Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

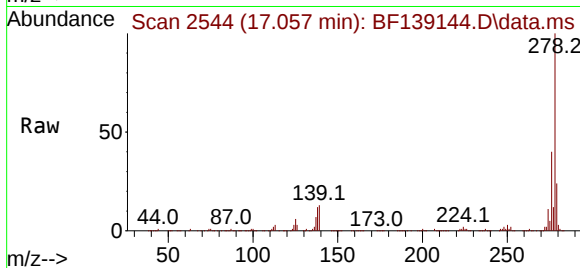
125 9.2 7.4 11.2



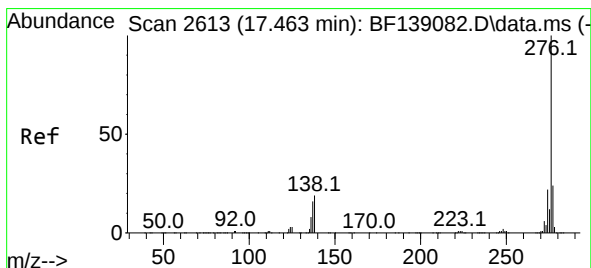
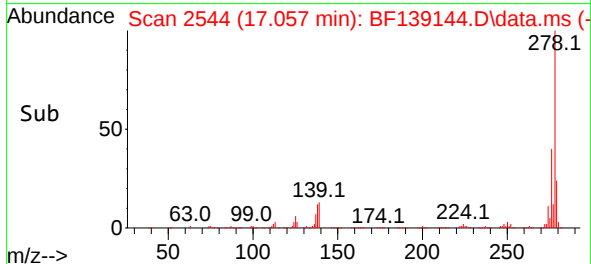
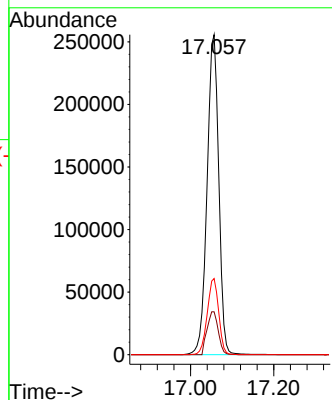


#91
Dibenzo(a,h)anthracene
Concen: 55.230 ng
RT: 17.057 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Instrument :
BNA_F
ClientSampleId :
20430MSD



Tgt Ion:278 Resp: 499098
Ion Ratio Lower Upper
278 100
139 13.4 10.8 16.2
279 23.8 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 44.154 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.017 min
Lab File: BF139144.D
Acq: 23 Aug 2024 13:44

Tgt Ion:276 Resp: 453411
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 17.7 15.0 22.4

