

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140820.D
 Acq On : 11 Dec 2024 11:12
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 11 12:40:12 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	102381	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	379038	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	216972	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	433324	20.000	ng	0.00
76) Chrysene-d12	14.057	240	282099	20.000	ng	0.00
86) Perylene-d12	15.574	264	227355	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	503207	83.861	ng	0.00
7) Phenol-d6	6.516	99	651520	82.130	ng	0.00
23) Nitrobenzene-d5	7.434	82	613729	82.821	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	208806	89.982	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1200734	82.454	ng	-0.01
79) Terphenyl-d14	12.980	244	1436970	79.318	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	102376	40.579	ng	99
3) Pyridine	3.434	79	247316	44.554	ng	99
4) n-Nitrosodimethylamine	3.357	42	122834	37.651	ng	95
6) Aniline	6.534	93	256680	45.971	ng	# 73
8) 2-Chlorophenol	6.657	128	267665	41.462	ng	98
9) Benzaldehyde	6.422	77	164516	39.175	ng	100
10) Phenol	6.528	94	339846	41.949	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	256560	41.385	ng	100
12) 1,3-Dichlorobenzene	6.804	146	307347	42.370	ng	98
13) 1,4-Dichlorobenzene	6.881	146	306090	41.674	ng	100
14) 1,2-Dichlorobenzene	7.034	146	288802	41.963	ng	100
15) Benzyl Alcohol	7.016	79	237416	40.357	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	293624	40.091	ng	# 55
17) 2-Methylphenol	7.134	107	211996	41.024	ng	94
18) Hexachloroethane	7.369	117	113502	41.376	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	193738	41.324	ng	98
20) 3+4-Methylphenols	7.287	107	280009	42.156	ng	# 85
22) Acetophenone	7.281	105	385289	41.694	ng	97
24) Nitrobenzene	7.451	77	311518	40.675	ng	98
25) Isophorone	7.692	82	521294	42.177	ng	99
26) 2-Nitrophenol	7.763	139	148488	43.750	ng	100
27) 2,4-Dimethylphenol	7.804	122	169884	41.834	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	320350	42.545	ng	100
29) 2,4-Dichlorophenol	8.016	162	232155	43.144	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	258503	42.075	ng	99
31) Naphthalene	8.169	128	825267	42.270	ng	99
32) Benzoic acid	7.975	122	224243	61.140	ng	99
33) 4-Chloroaniline	8.222	127	264384	45.228	ng	99
34) Hexachlorobutadiene	8.275	225	174501	42.881	ng	99
35) Caprolactam	8.622	113	53466	32.107	ng	96
36) 4-Chloro-3-methylphenol	8.722	107	259991	43.154	ng	97
37) 2-Methylnaphthalene	8.857	142	532300	42.925	ng	100
38) 1-Methylnaphthalene	8.957	142	521074	42.869	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	265031	41.725	ng	99
41) Hexachlorocyclopentadiene	9.004	237	41504	33.712	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	167841	42.111	ng	100

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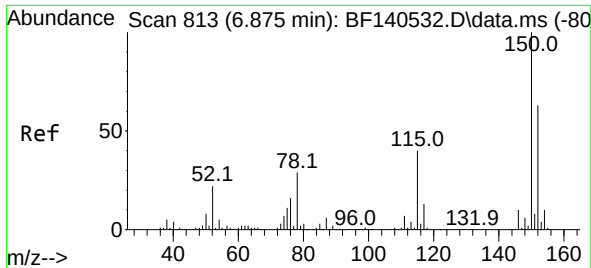
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	180892	41.818	ng	98
46) 1,1'-Biphenyl	9.322	154	677858	41.845	ng	100
47) 2-Chloronaphthalene	9.351	162	512103	41.721	ng	99
48) 2-Nitroaniline	9.457	65	166844	42.347	ng	97
49) Acenaphthylene	9.763	152	768491	41.437	ng	99
50) Dimethylphthalate	9.628	163	609751	42.671	ng	100
51) 2,6-Dinitrotoluene	9.698	165	139000	42.890	ng	94
52) Acenaphthene	9.939	154	488788	41.479	ng	99
53) 3-Nitroaniline	9.875	138	139155	43.902	ng	94
54) 2,4-Dinitrophenol	9.986	184	92205	57.386	ng	94
55) Dibenzofuran	10.110	168	742594	41.314	ng	99
56) 4-Nitrophenol	10.057	139	120006	55.514	ng	96
57) 2,4-Dinitrotoluene	10.104	165	191128	44.375	ng	93
58) Fluorene	10.451	166	613472	42.521	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	158512	47.681	ng	93
60) Diethylphthalate	10.322	149	630458	43.424	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	305884	43.202	ng	98
62) 4-Nitroaniline	10.492	138	136860	41.168	ng	96
63) Azobenzene	10.604	77	572843	41.664	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	112984	51.025	ng	94
66) n-Nitrosodiphenylamine	10.563	169	526049	41.051	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	185802	41.636	ng	97
68) Hexachlorobenzene	11.004	284	212823	41.187	ng	99
69) Atrazine	11.092	200	120059	33.304	ng	99
70) Pentachlorophenol	11.210	266	97190	42.736	ng	99
71) Phenanthrene	11.422	178	861808	41.374	ng	99
72) Anthracene	11.475	178	852815	41.856	ng	100
73) Carbazole	11.633	167	855532	43.647	ng	100
74) Di-n-butylphthalate	11.951	149	971051	42.911	ng	100
75) Fluoranthene	12.616	202	1017546	44.993	ng	100
77) Benzidine	12.745	184	351094	42.807	ng	99
78) Pyrene	12.845	202	1038423	39.811	ng	99
80) Butylbenzylphthalate	13.457	149	388951	41.394	ng	99
81) Benzo(a)anthracene	14.045	228	804398	43.076	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	239195	42.663	ng	99
83) Chrysene	14.086	228	708746	41.508	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	453252	38.201	ng	100
85) Di-n-octyl phthalate	14.657	149	593981	36.632	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	628937	42.448	ng	99
88) Benzo(b)fluoranthene	15.133	252	668687	46.825	ng	99
89) Benzo(k)fluoranthene	15.163	252	492836	39.437	ng	100
90) Benzo(a)pyrene	15.510	252	491554	42.335	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	521292	42.961	ng	100
92) Benzo(g,h,i)perylene	17.562	276	540667	43.665	ng	99

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

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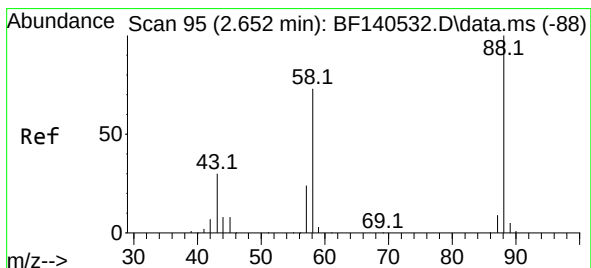
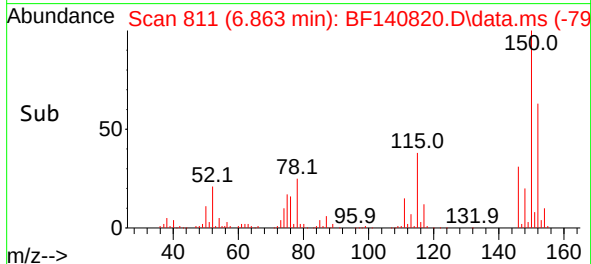
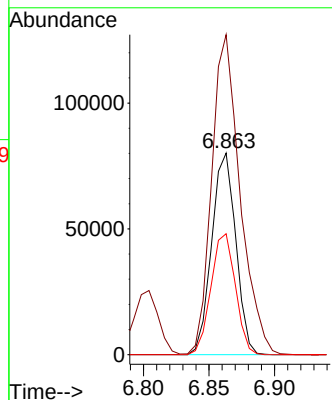
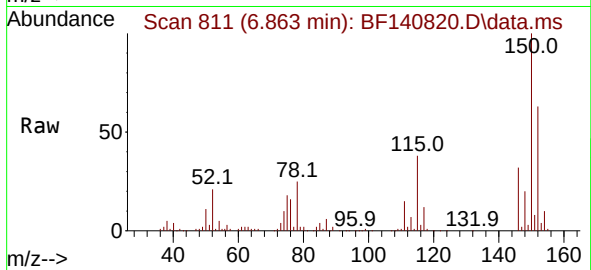




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140820.D
 Acq: 11 Dec 2024 11:12

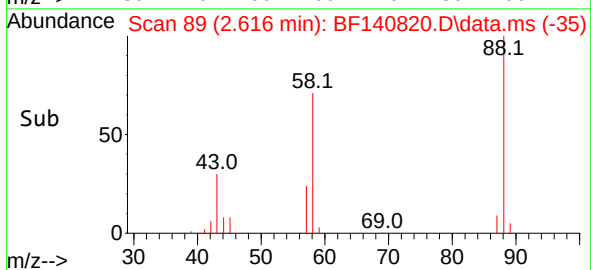
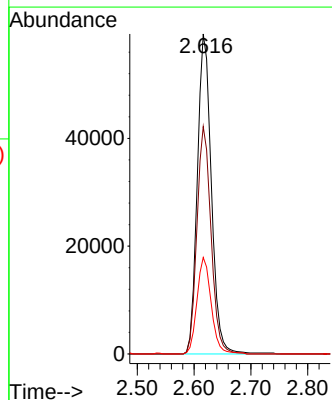
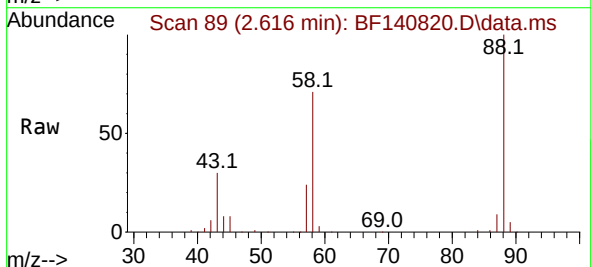
Instrument :
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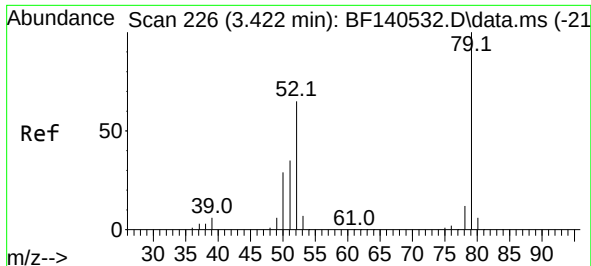
Tgt Ion:152 Resp: 102381
 Ion Ratio Lower Upper
 152 100
 150 158.8 128.5 192.7
 115 60.0 50.2 75.4



#2
 1,4-Dioxane
 Concen: 40.579 ng
 RT: 2.616 min Scan# 89
 Delta R.T. -0.035 min
 Lab File: BF140820.D
 Acq: 11 Dec 2024 11:12

Tgt Ion: 88 Resp: 102376
 Ion Ratio Lower Upper
 88 100
 58 71.3 57.4 86.2
 43 30.6 24.3 36.5





#3

Pyridine

Concen: 44.554 ng

RT: 3.434 min Scan# 215

Delta R.T. 0.012 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

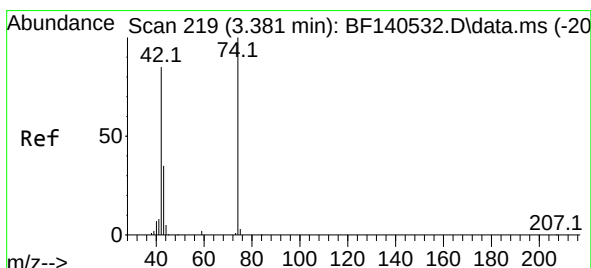
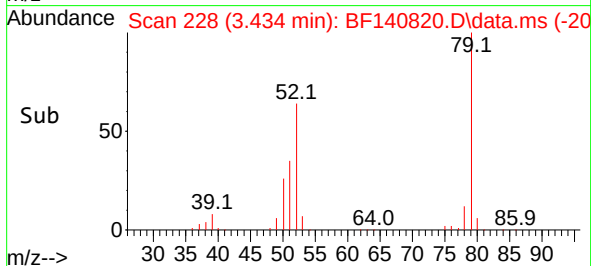
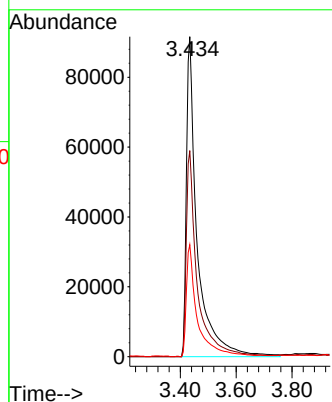
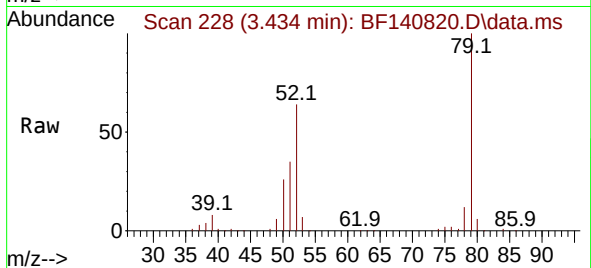
Tgt Ion: 79 Resp: 247316

Ion Ratio Lower Upper

79 100

52 64.4 52.1 78.1

51 35.0 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 37.651 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.023 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

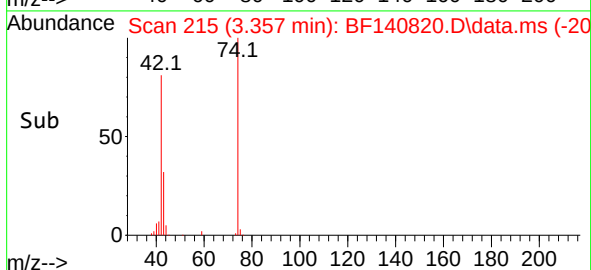
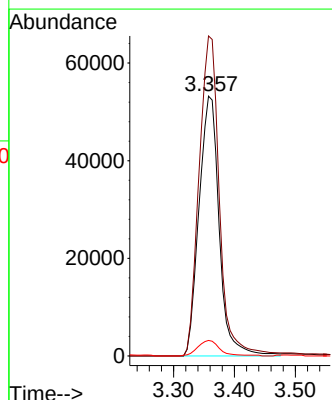
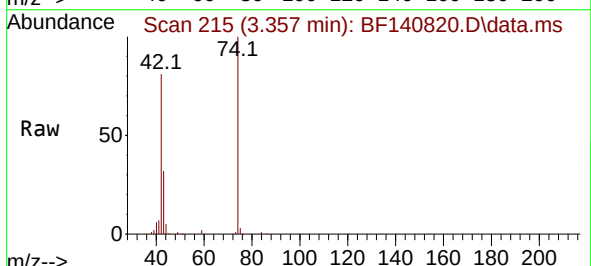
Tgt Ion: 42 Resp: 122834

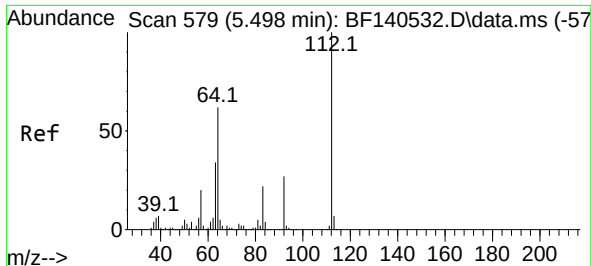
Ion Ratio Lower Upper

42 100

74 123.2 93.8 140.6

44 5.9 4.6 6.8

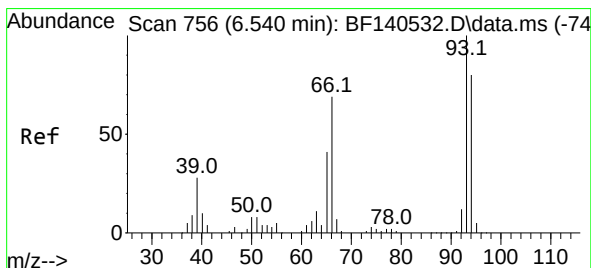
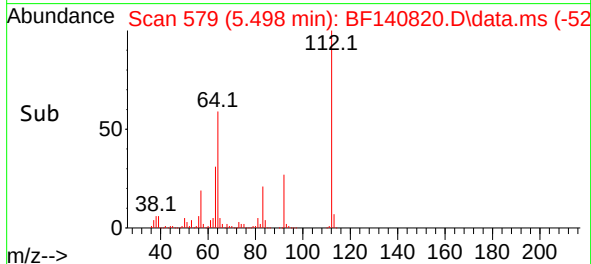
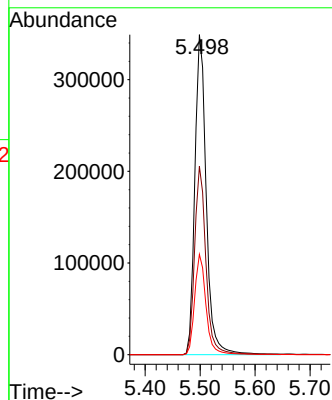
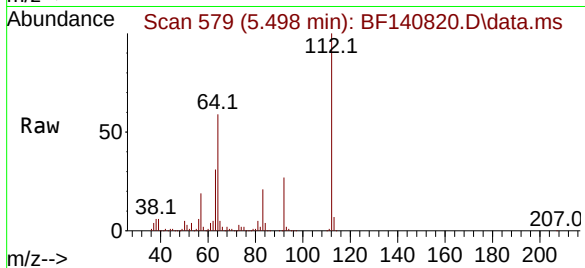




#5
2-Fluorophenol
Concen: 83.861 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

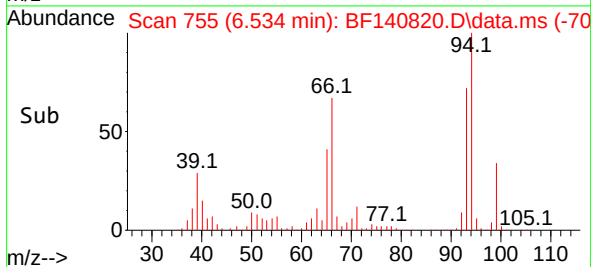
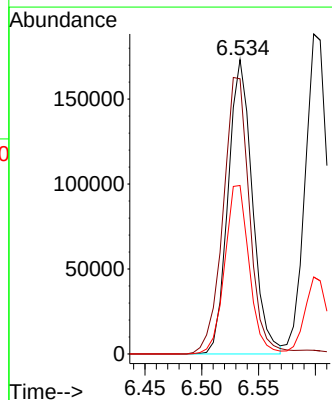
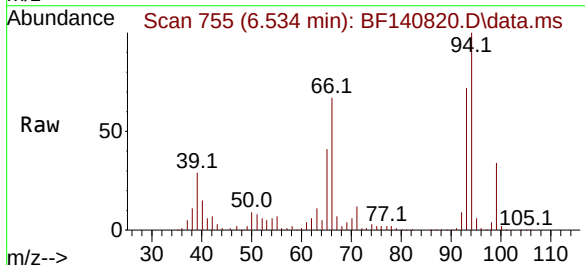
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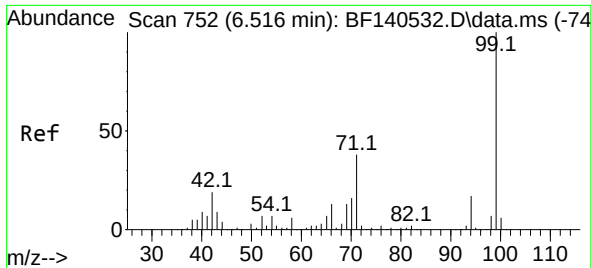
Tgt Ion:112 Resp: 503207
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.3 27.0 40.4



#6
Aniline
Concen: 45.971 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion: 93 Resp: 256680
Ion Ratio Lower Upper
93 100
66 93.5 56.5 84.7#
65 57.2 32.9 49.3#

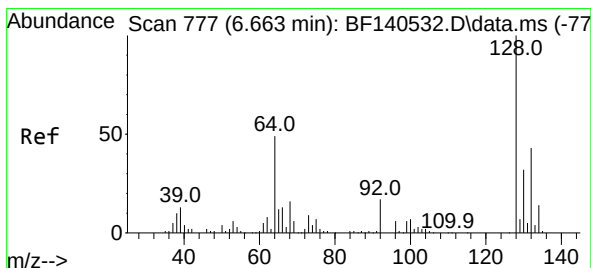
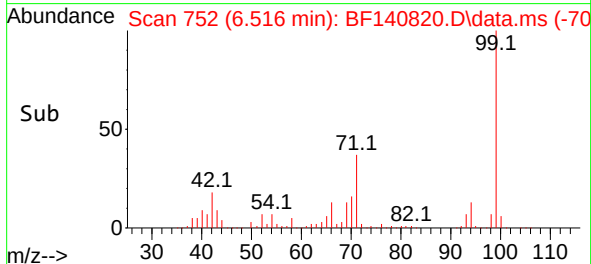
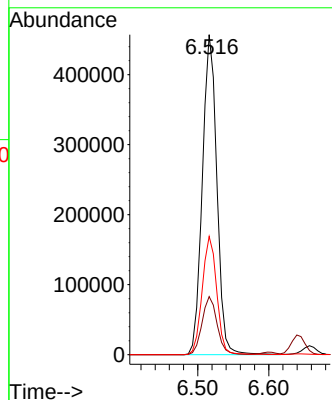
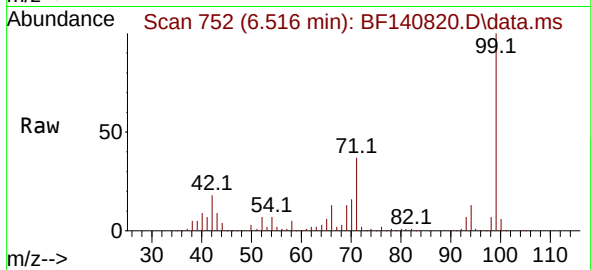




#7
Phenol-d6
Concen: 82.130 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

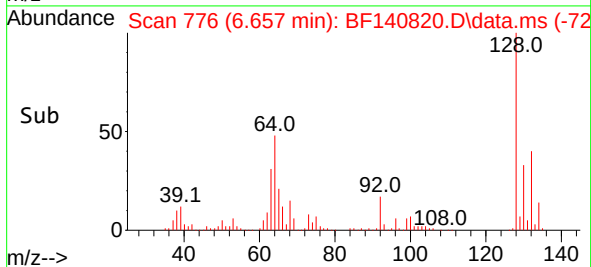
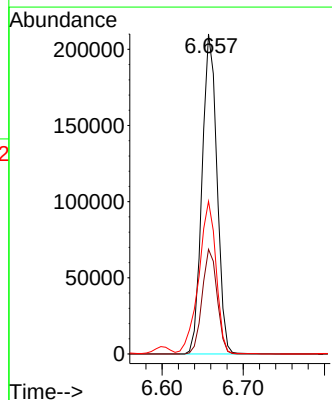
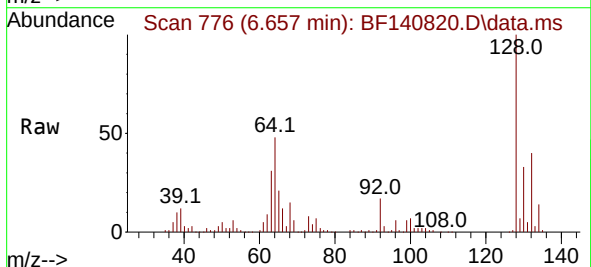
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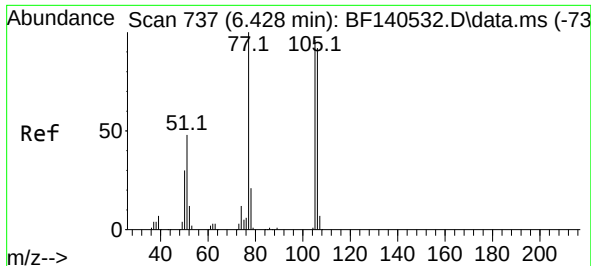
Tgt Ion: 99 Resp: 651520
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.0 30.6 46.0



#8
2-Chlorophenol
Concen: 41.462 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:128 Resp: 267665
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 47.7 30.2 70.2

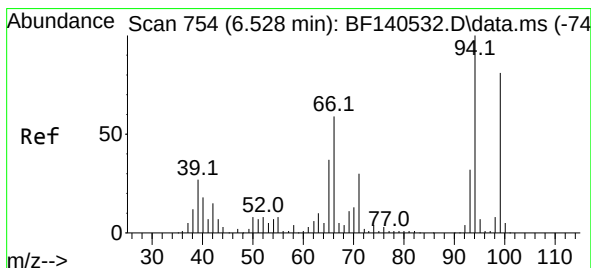
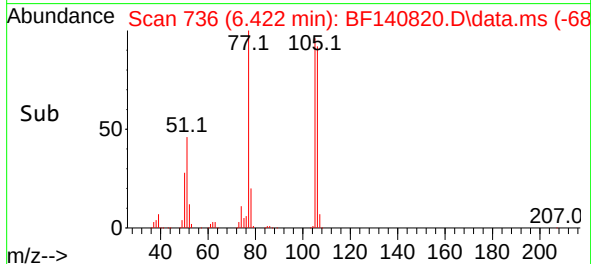
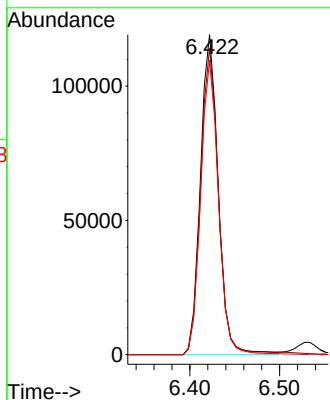
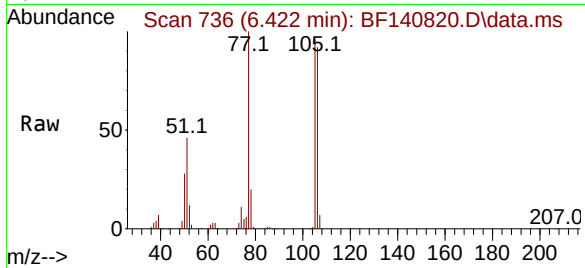




#9
Benzaldehyde
Concen: 39.175 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

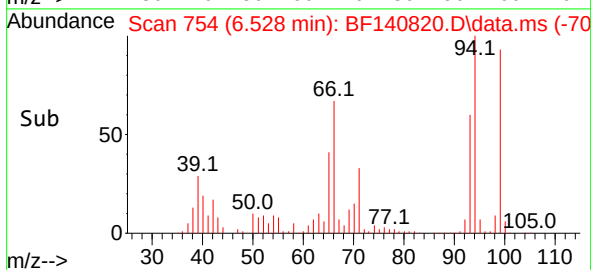
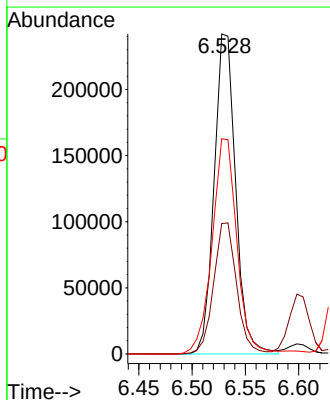
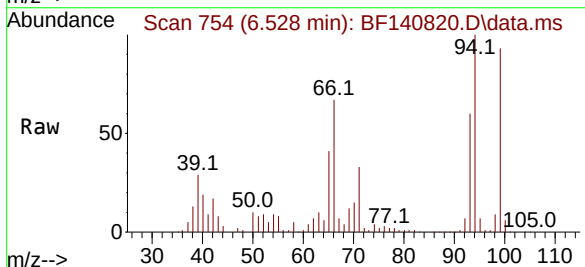
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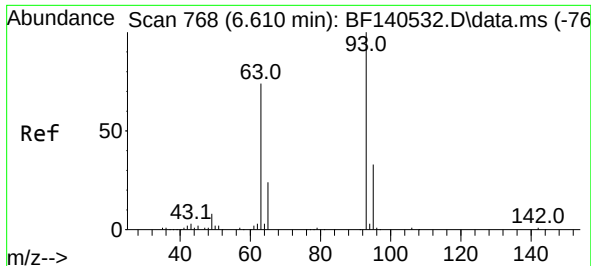
Tgt Ion: 77 Resp: 164516
Ion Ratio Lower Upper
77 100
105 95.9 75.6 115.6
106 92.0 72.0 112.0



#10
Phenol
Concen: 41.949 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion: 94 Resp: 339846
Ion Ratio Lower Upper
94 100
65 40.8 17.2 57.2
66 67.3 39.2 79.2

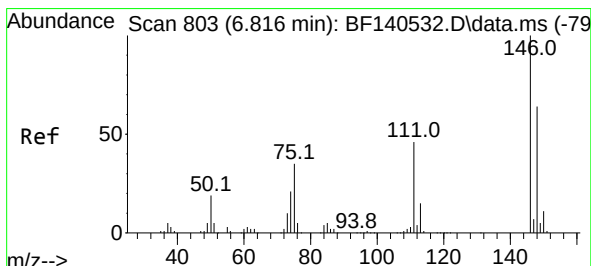
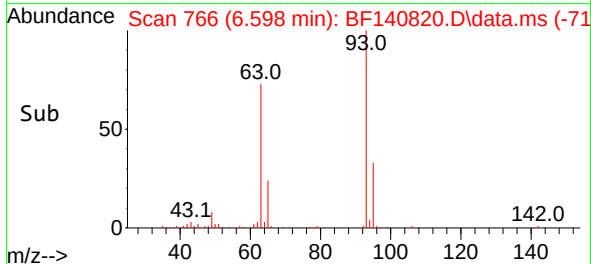
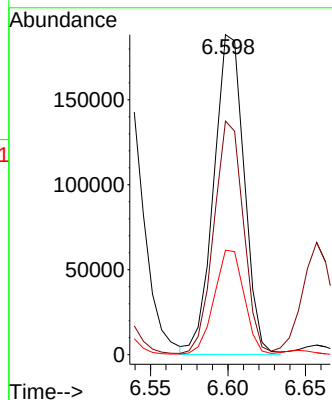
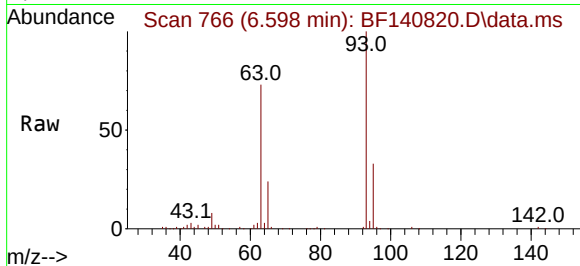




#11
bis(2-Chloroethyl)ether
Concen: 41.385 ng
RT: 6.598 min Scan# 766
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

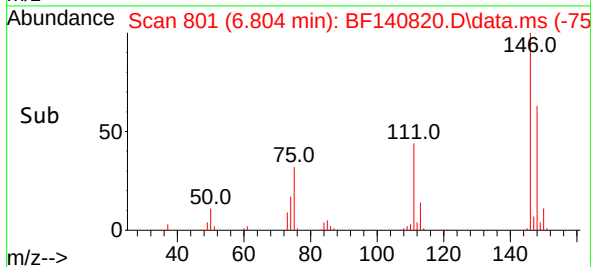
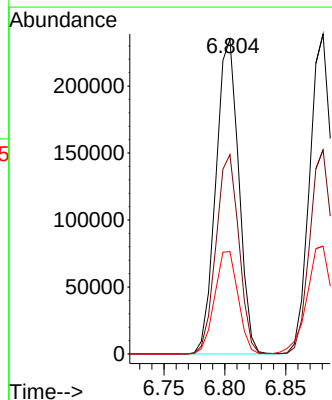
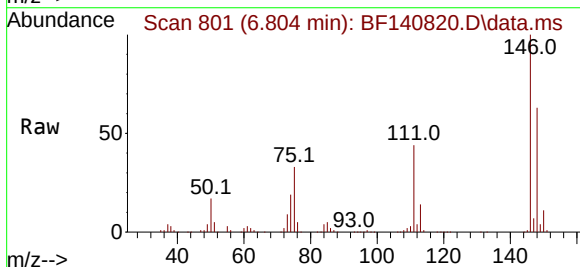
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

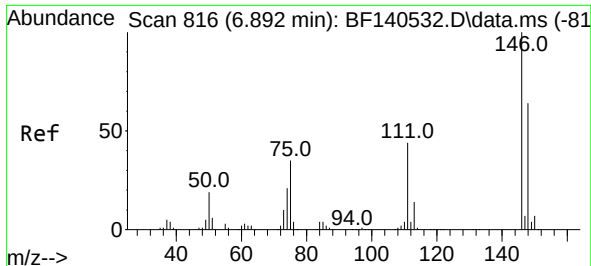
Tgt Ion: 93 Resp: 256560
Ion Ratio Lower Upper
93 100
63 73.0 52.8 92.8
95 32.7 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 42.370 ng
RT: 6.804 min Scan# 801
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:146 Resp: 307347
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 32.5 28.2 42.2

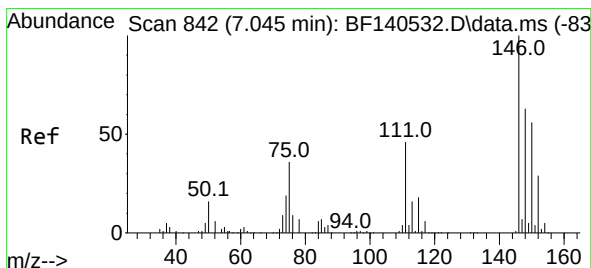
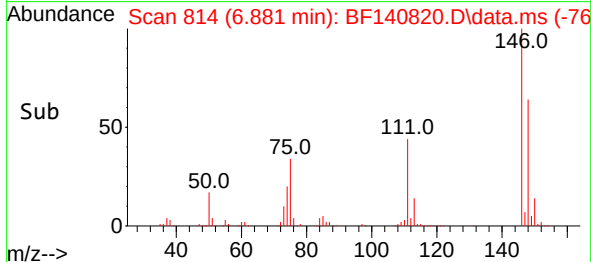
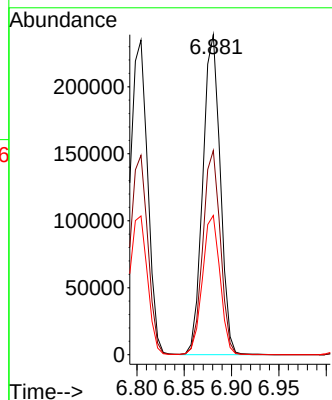
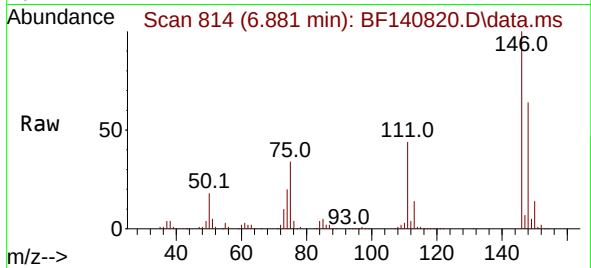




#13
1,4-Dichlorobenzene
Concen: 41.674 ng
RT: 6.881 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

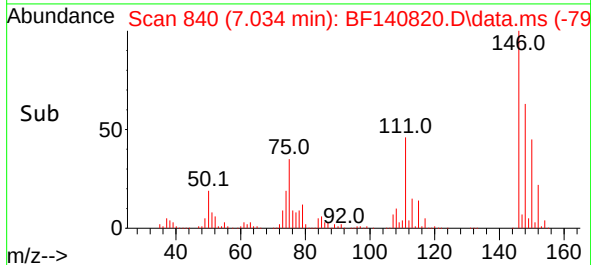
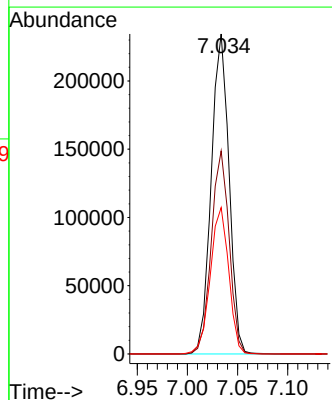
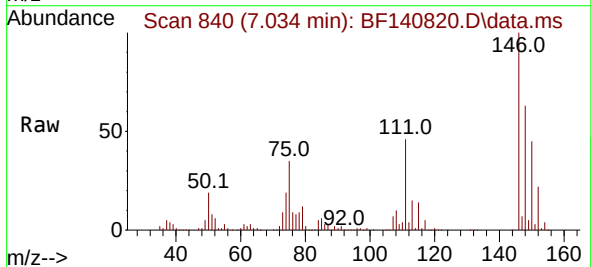
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

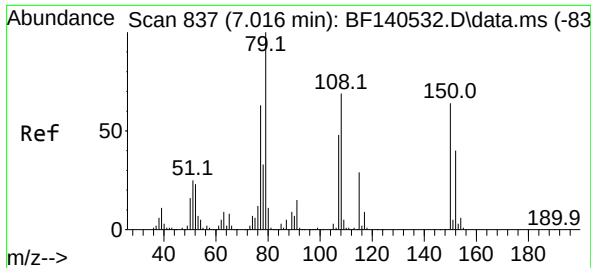
Tgt Ion:146 Resp: 306090
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 43.5 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 41.963 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:146 Resp: 288802
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 45.8 36.7 55.1

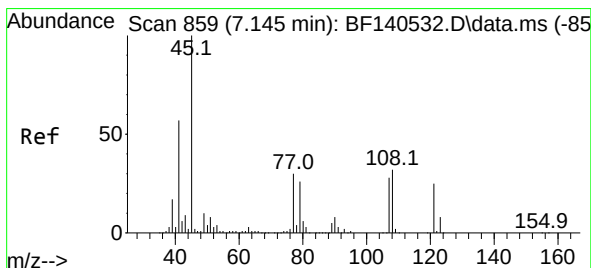
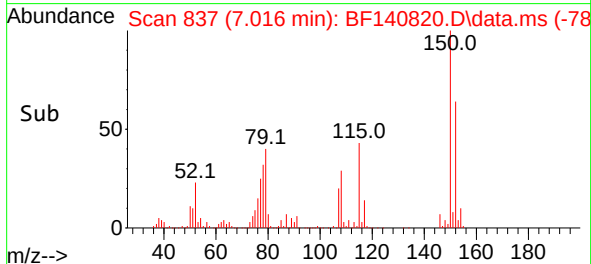
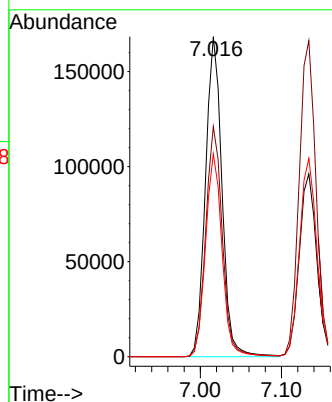
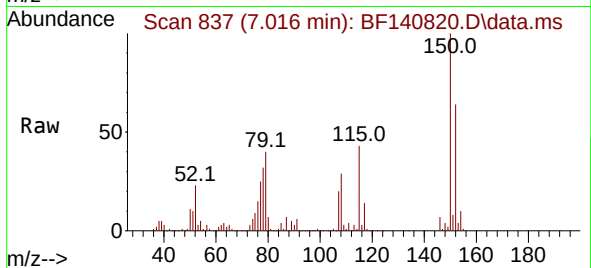




#15
Benzyl Alcohol
Concen: 40.357 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

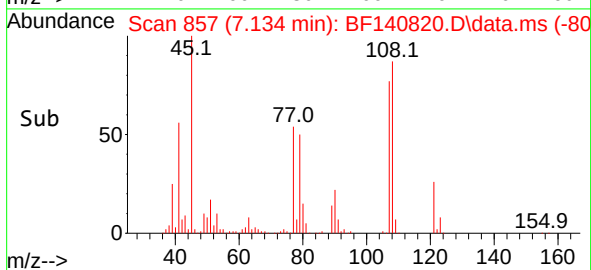
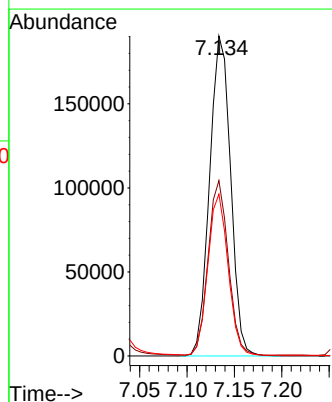
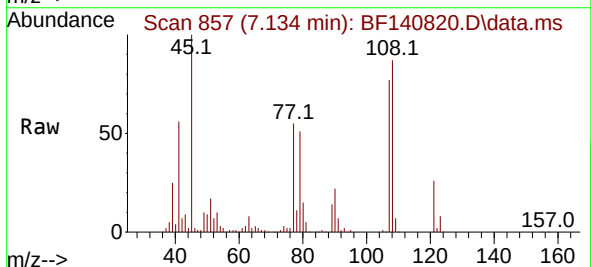
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

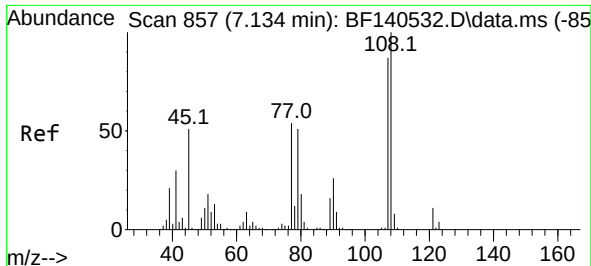
Tgt Ion: 79 Resp: 237416
Ion Ratio Lower Upper
79 100
108 71.9 55.0 82.6
77 63.3 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.091 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion: 45 Resp: 293624
Ion Ratio Lower Upper
45 100
77 54.8 10.7 50.7#
79 50.6 7.0 47.0#

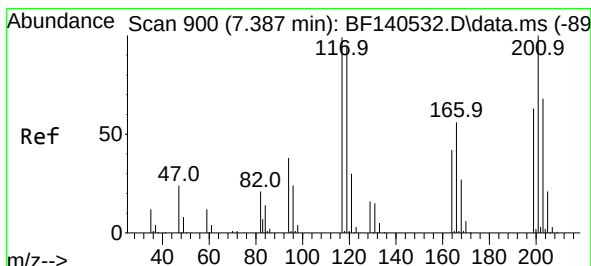
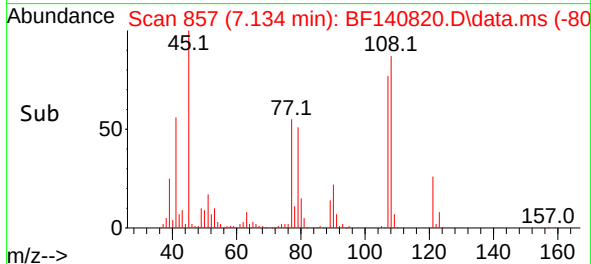
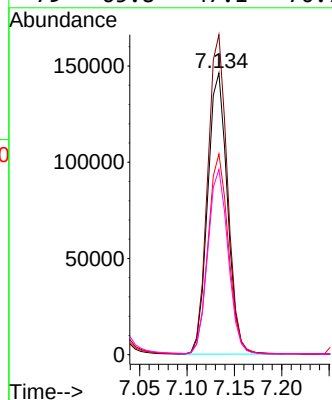
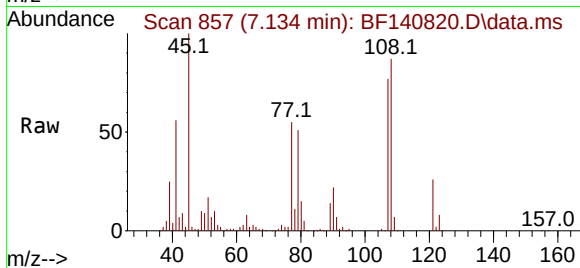




#17
2-Methylphenol
Concen: 41.024 ng
RT: 7.134 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

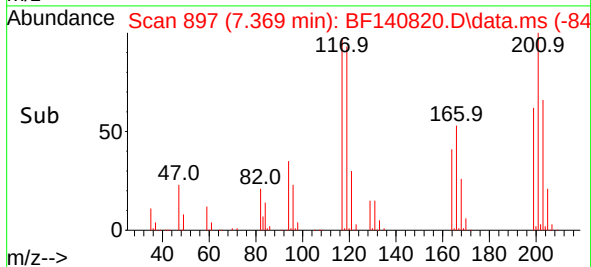
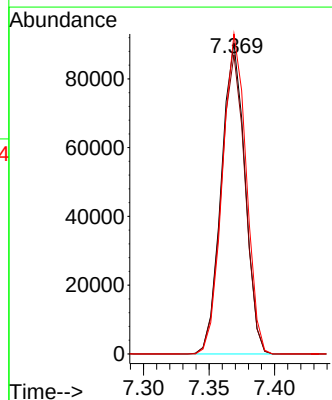
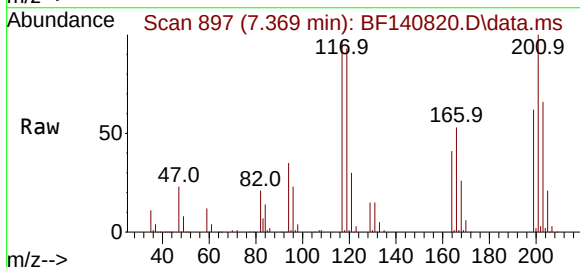
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

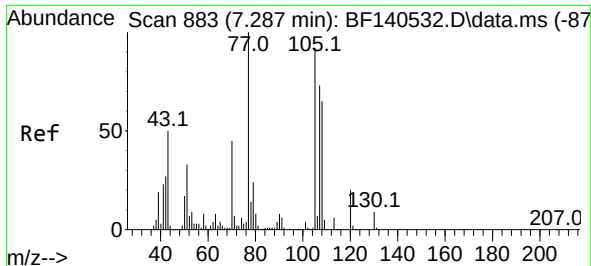
Tgt Ion:107 Resp: 211996
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 71.3 49.3 73.9
79 65.8 47.1 70.7



#18
Hexachloroethane
Concen: 41.376 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:117 Resp: 113502
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7
201 102.9 81.1 121.7



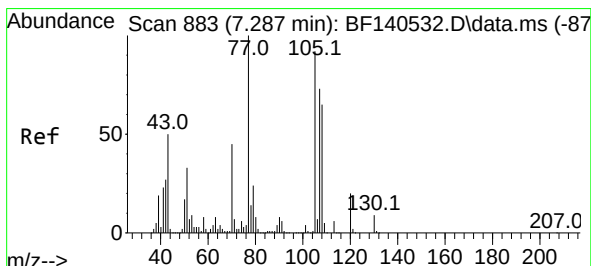
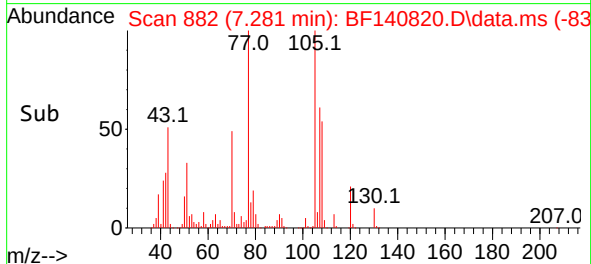
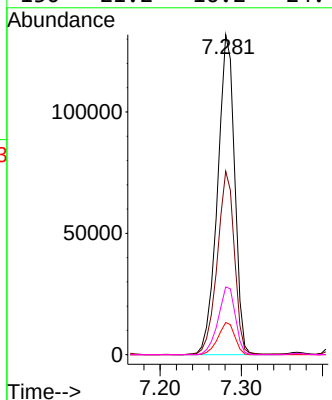
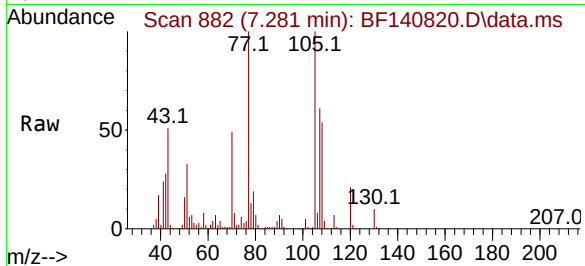


#19
n-Nitroso-di-n-propylamine
Concen: 41.324 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 193738

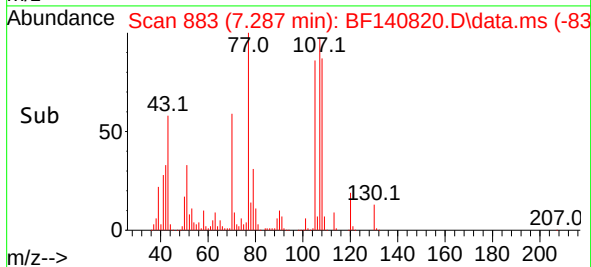
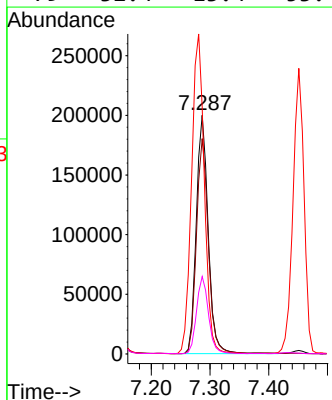
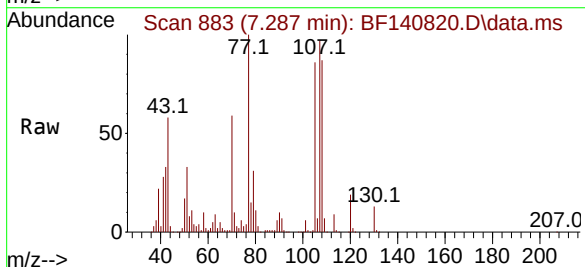
Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.6	71.4
101	10.1	7.6	11.4
130	21.2	16.2	24.4

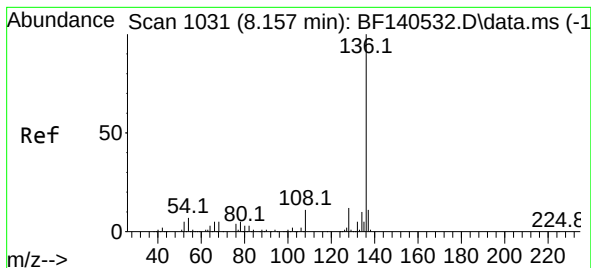


#20
3+4-Methylphenols
Concen: 42.156 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion: 107 Resp: 280009

Ion	Ratio	Lower	Upper
107	100		
108	90.2	69.9	109.9
77	103.3	117.7	157.7#
79	32.4	13.4	53.4





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.145 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 379038

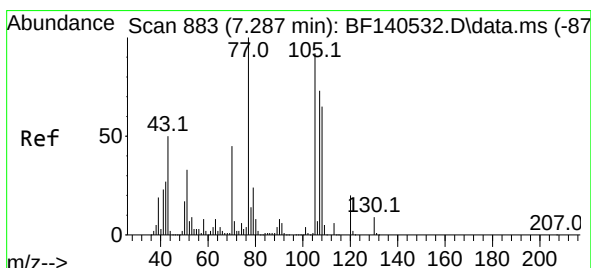
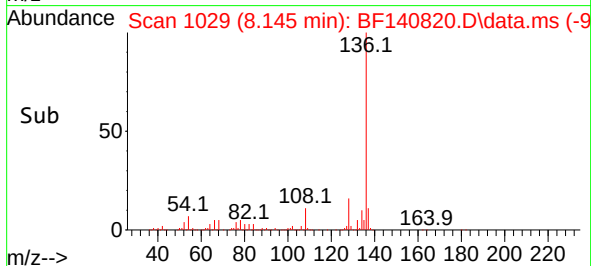
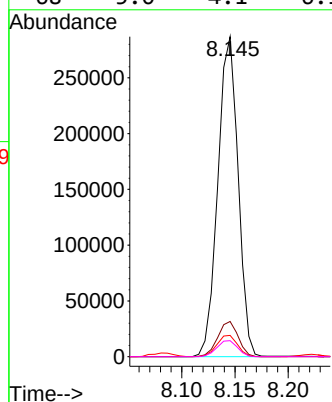
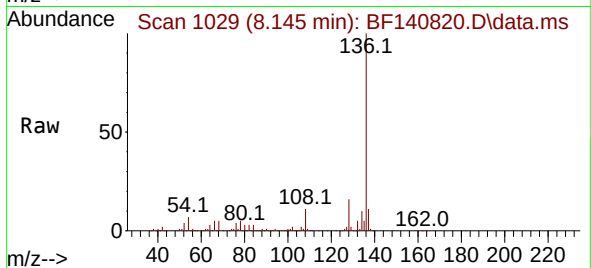
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 6.7 5.8 8.8

68 5.0 4.1 6.1



#22

Acetophenone

Concen: 41.694 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Tgt Ion:105 Resp: 385289

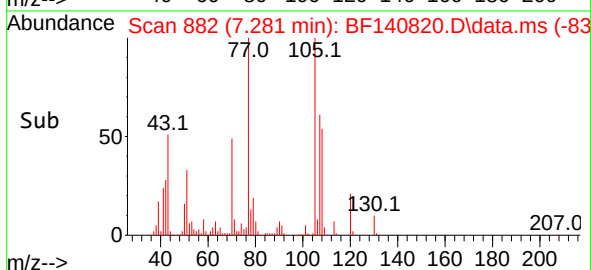
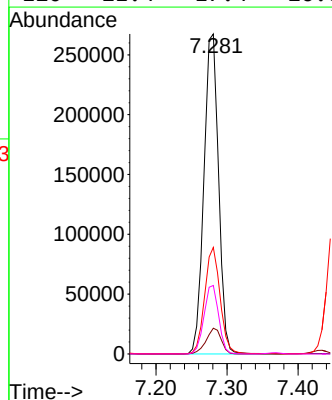
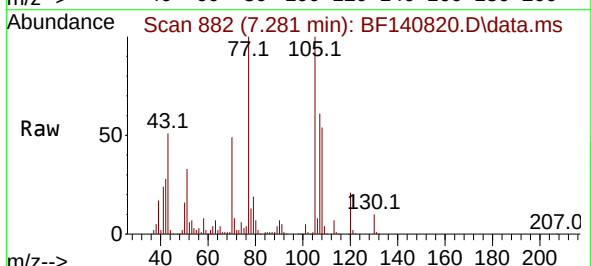
Ion Ratio Lower Upper

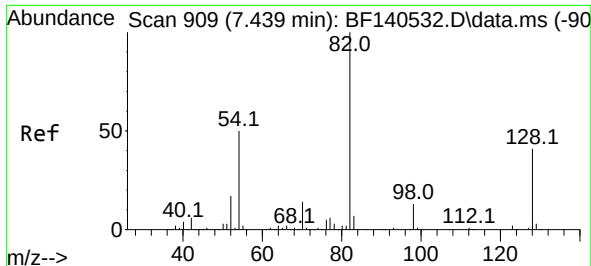
105 100

71 8.1 6.2 9.2

51 33.3 29.0 43.6

120 21.4 17.4 26.0

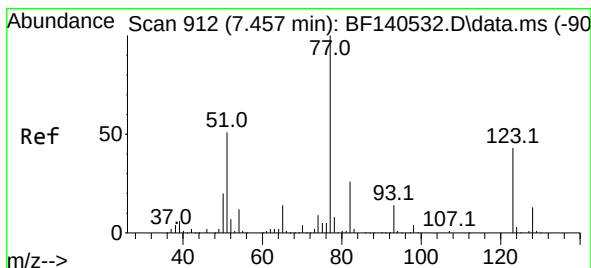
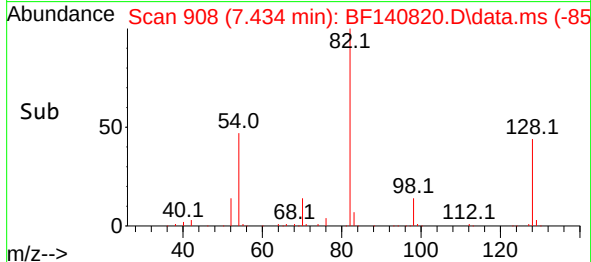
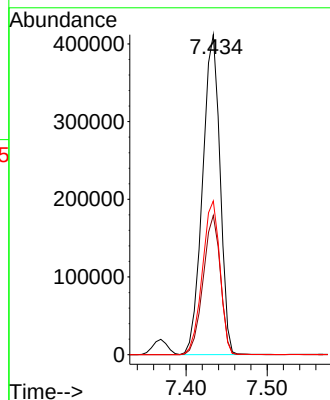
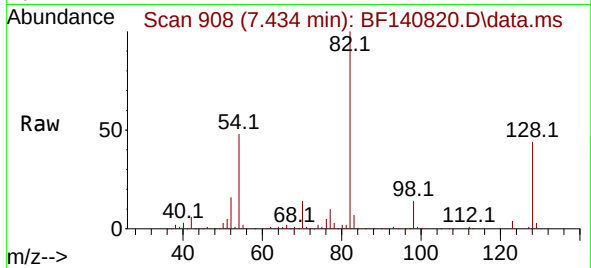




#23
 Nitrobenzene-d5
 Concen: 82.821 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140820.D
 Acq: 11 Dec 2024 11:12

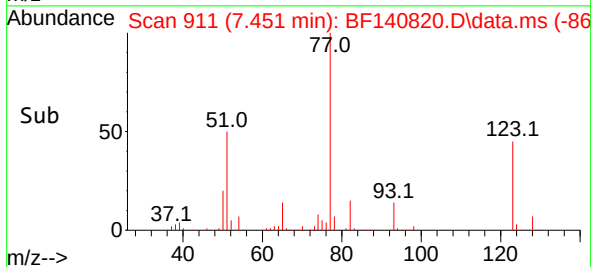
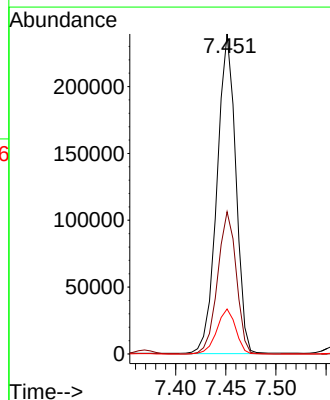
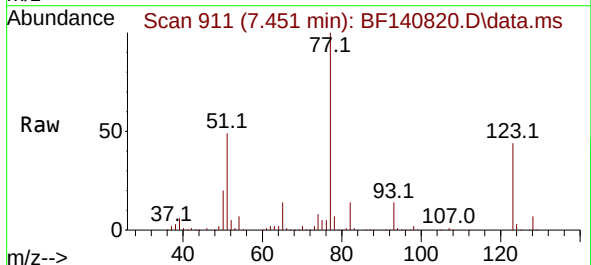
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

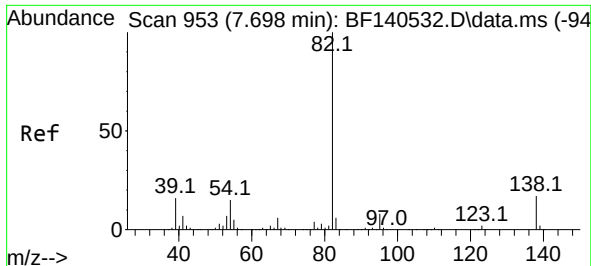
Tgt Ion: 82 Resp: 613729
 Ion Ratio Lower Upper
 82 100
 128 43.5 33.0 49.4
 54 48.1 39.5 59.3



#24
 Nitrobenzene
 Concen: 40.675 ng
 RT: 7.451 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF140820.D
 Acq: 11 Dec 2024 11:12

Tgt Ion: 77 Resp: 311518
 Ion Ratio Lower Upper
 77 100
 123 44.4 34.3 51.5
 65 14.0 11.2 16.8

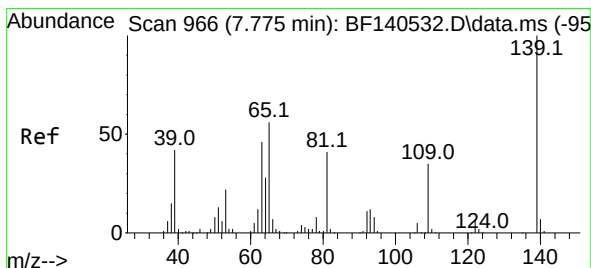
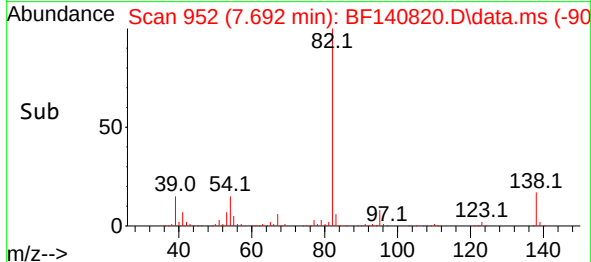
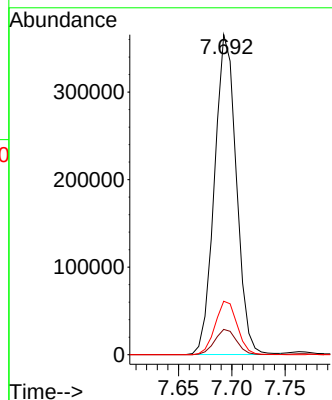
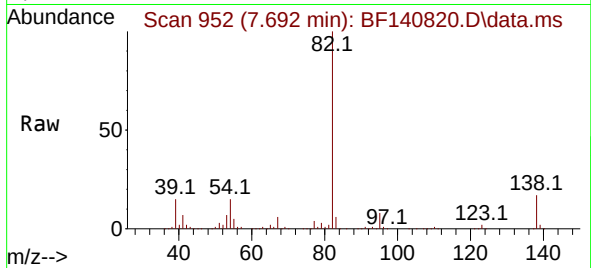




#25
Isophorone
Concen: 42.177 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

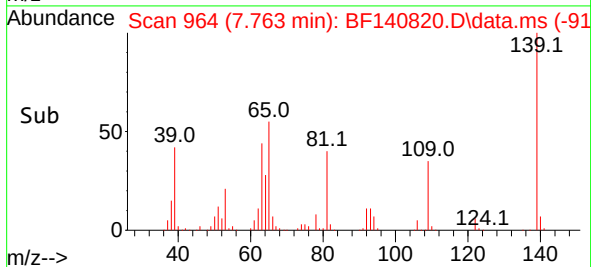
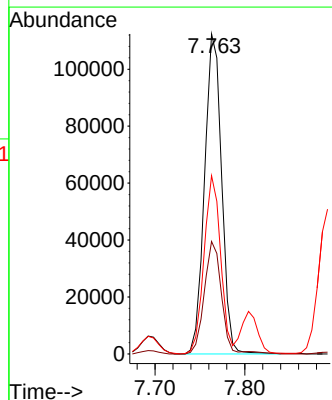
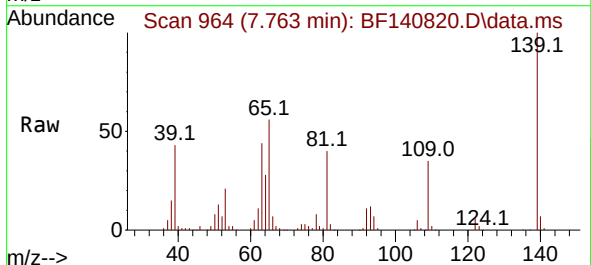
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

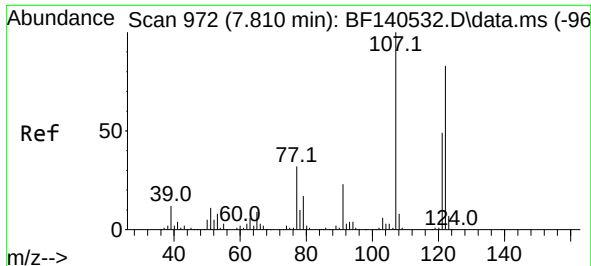
Tgt Ion: 82 Resp: 521294
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.7 13.8 20.6



#26
2-Nitrophenol
Concen: 43.750 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:139 Resp: 148488
Ion Ratio Lower Upper
139 100
109 35.1 28.0 42.0
65 55.7 44.6 67.0

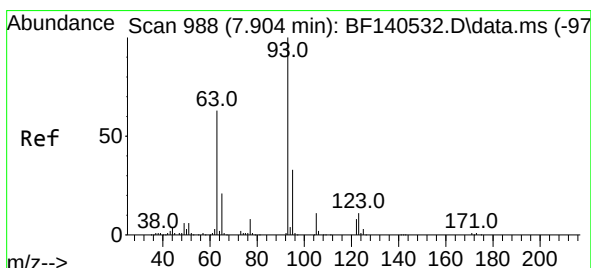
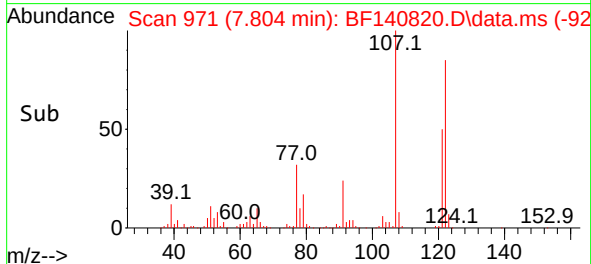
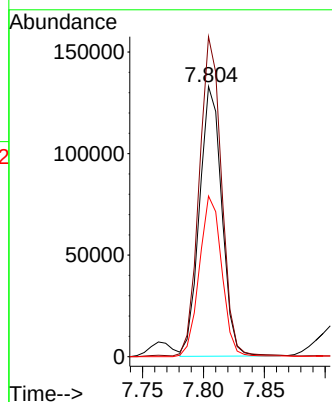
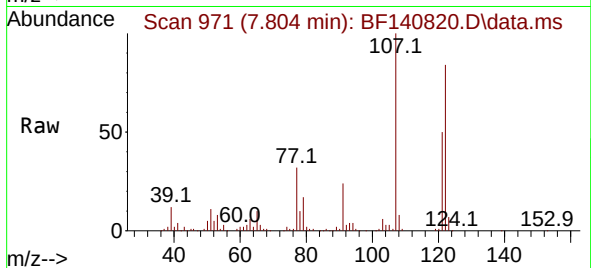




#27
2,4-Dimethylphenol
Concen: 41.834 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

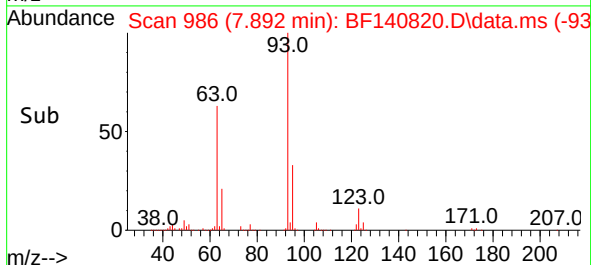
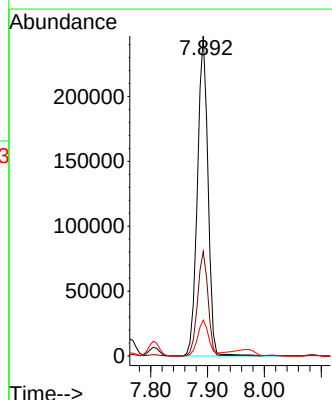
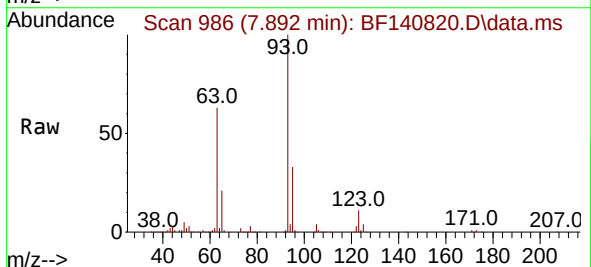
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

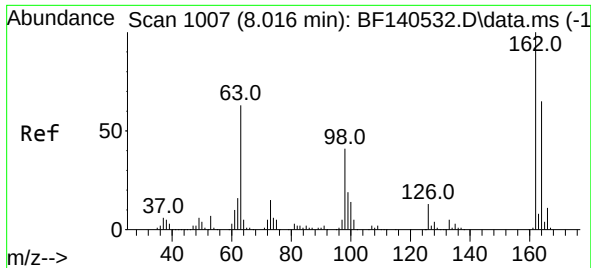
Tgt Ion:122 Resp: 169884
Ion Ratio Lower Upper
122 100
107 118.4 96.8 145.2
121 59.5 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 42.545 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion: 93 Resp: 320350
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.2 9.1 13.7

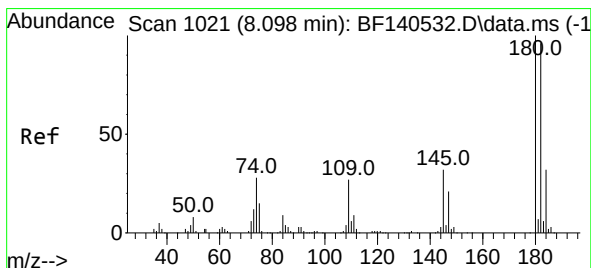
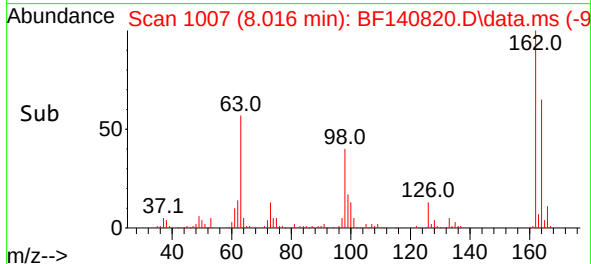
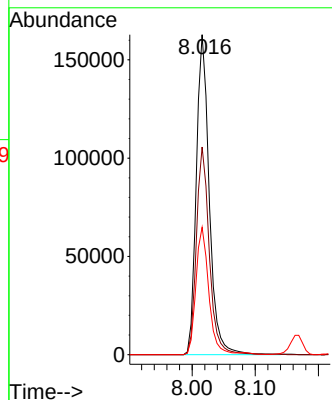
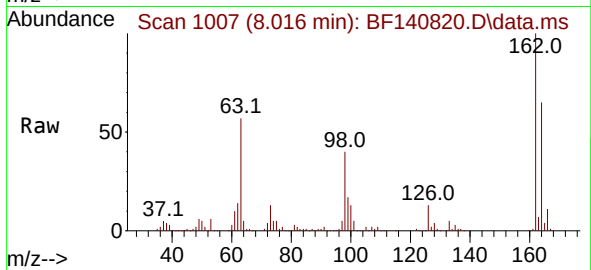




#29
2,4-Dichlorophenol
Concen: 43.144 ng
RT: 8.016 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

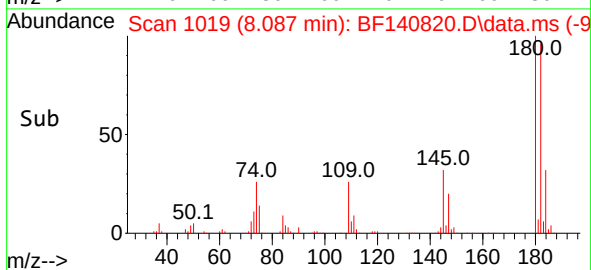
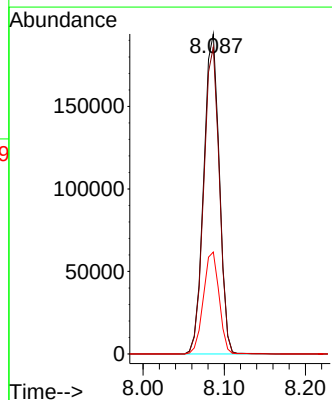
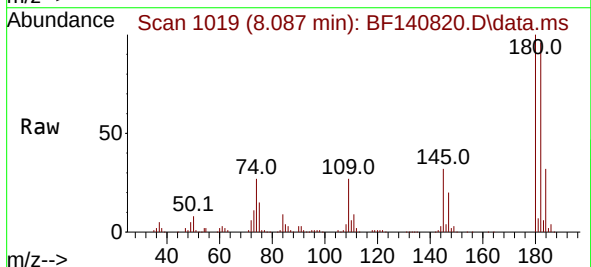
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

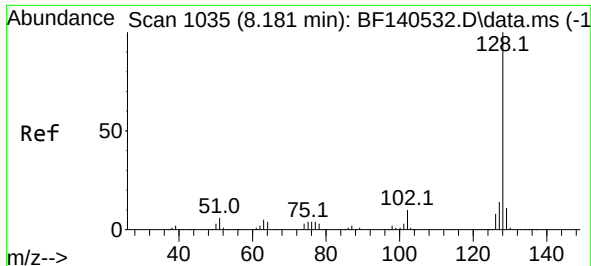
Tgt Ion:162 Resp: 232155
Ion Ratio Lower Upper
162 100
164 64.9 44.8 84.8
98 39.8 21.2 61.2



#30
1,2,4-Trichlorobenzene
Concen: 42.075 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:180 Resp: 258503
Ion Ratio Lower Upper
180 100
182 96.0 76.4 114.6
145 31.9 25.9 38.9

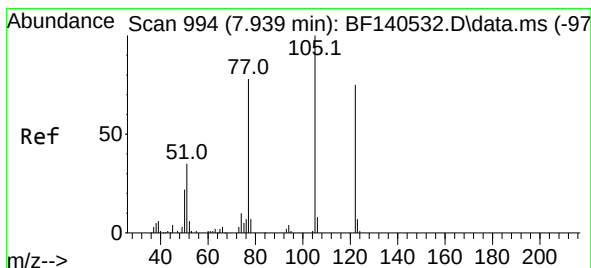
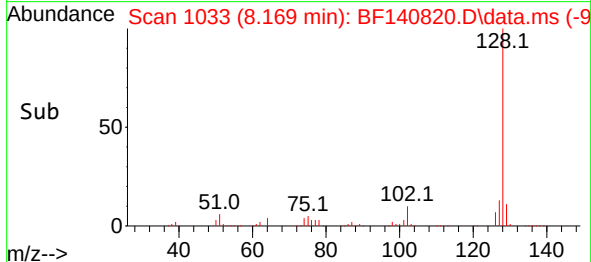
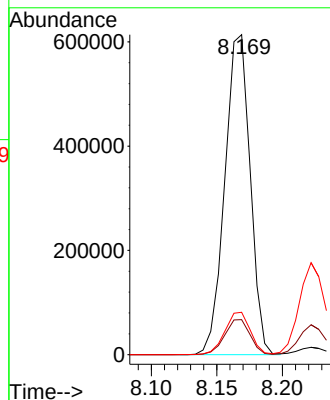
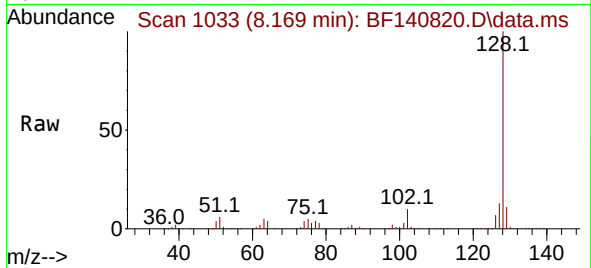




#31
Naphthalene
Concen: 42.270 ng
RT: 8.169 min Scan# 10
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

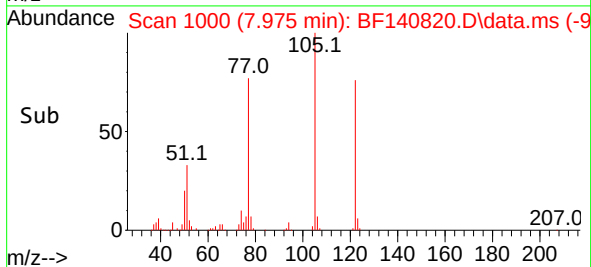
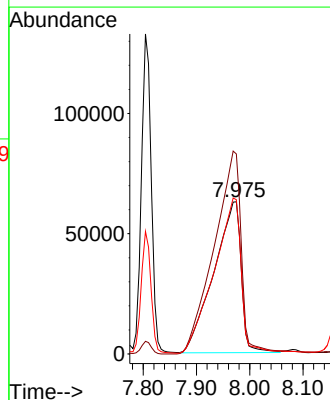
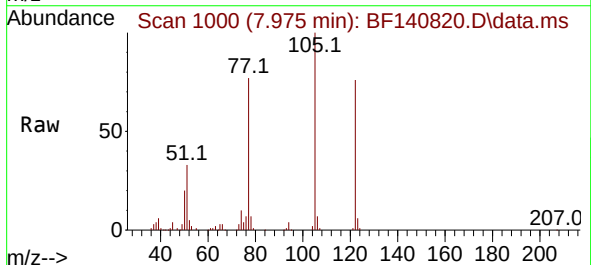
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

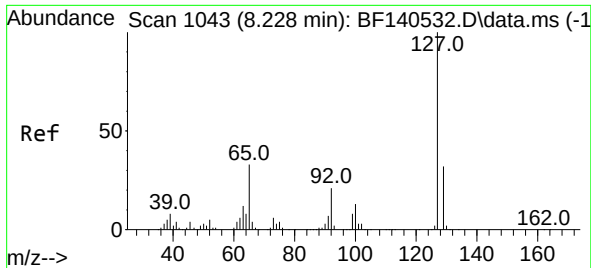
Tgt Ion:128 Resp: 825267
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 61.140 ng
RT: 7.975 min Scan# 1000
Delta R.T. 0.036 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:122 Resp: 224243
Ion Ratio Lower Upper
122 100
105 131.5 109.3 149.3
77 101.4 82.3 122.3

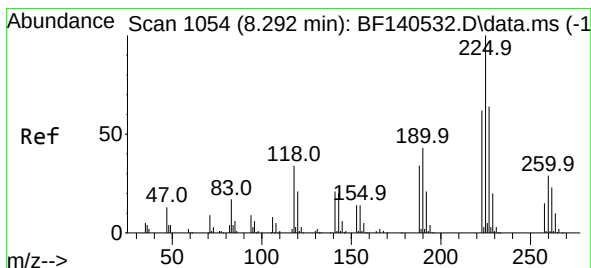
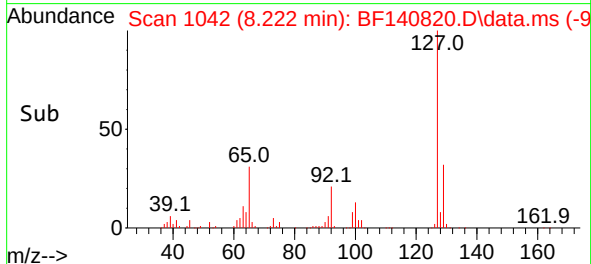
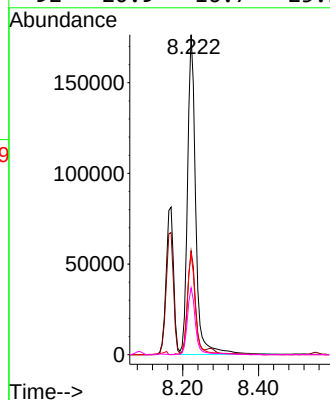
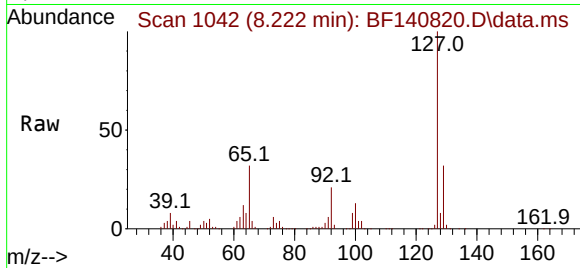




#33
4-Chloroaniline
Concen: 45.228 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

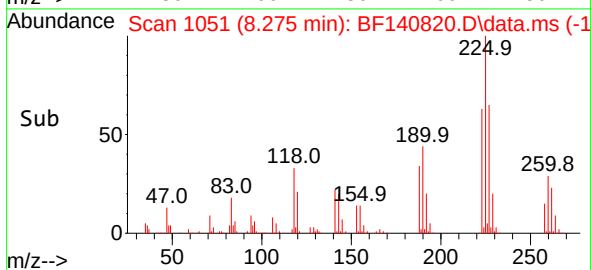
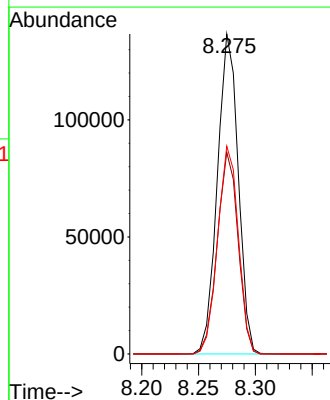
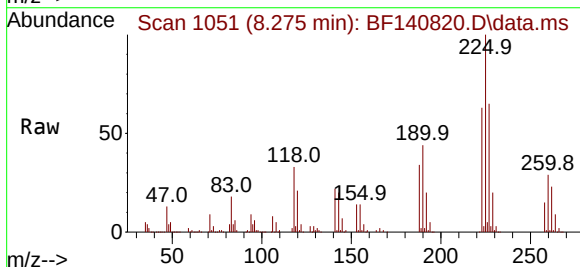
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

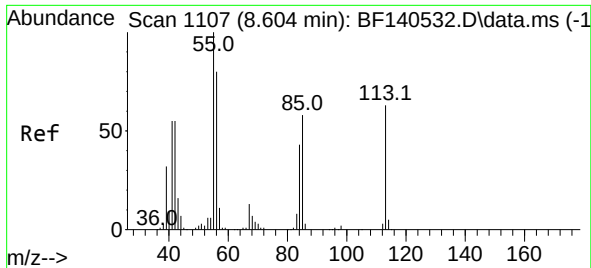
Tgt	Ion:127	Resp:	264384
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.0	39.0
65	31.5	26.0	39.0
92	20.9	16.7	25.1



#34
Hexachlorobutadiene
Concen: 42.881 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:225	Resp: 174501
Ion Ratio	Lower Upper
225 100	
223 63.0	49.8 74.8
227 64.9	51.3 76.9

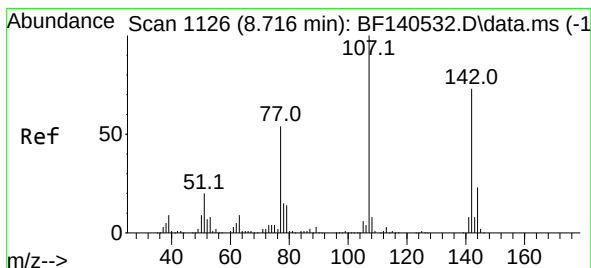
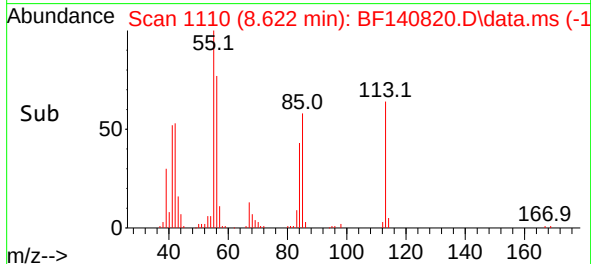
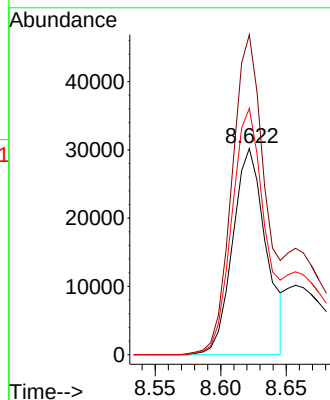
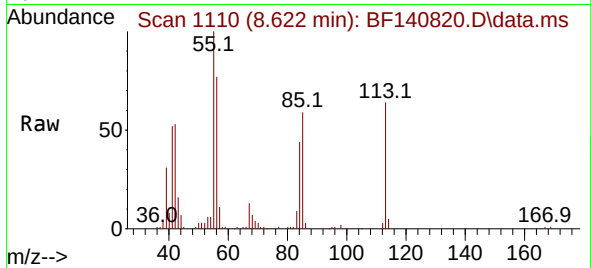




#35
 Caprolactam
 Concen: 32.107 ng
 RT: 8.622 min Scan# 1110
 Delta R.T. 0.018 min
 Lab File: BF140820.D
 Acq: 11 Dec 2024 11:12

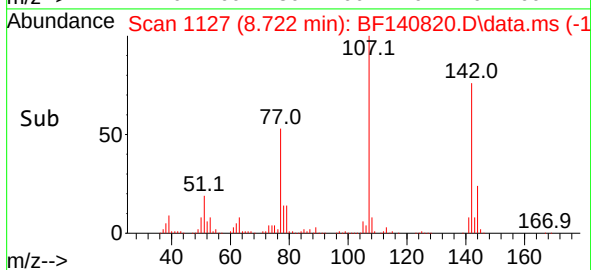
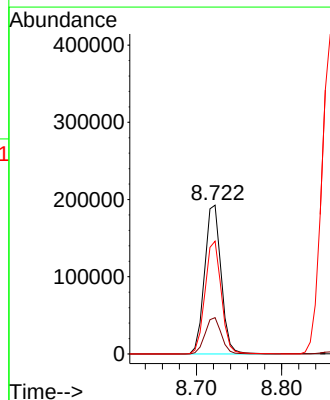
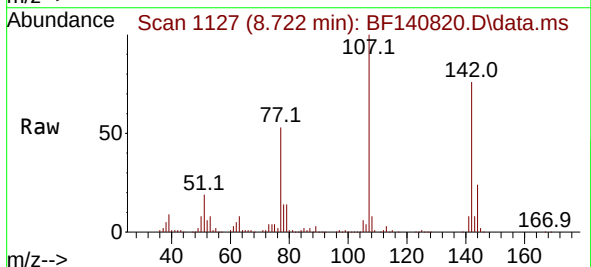
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

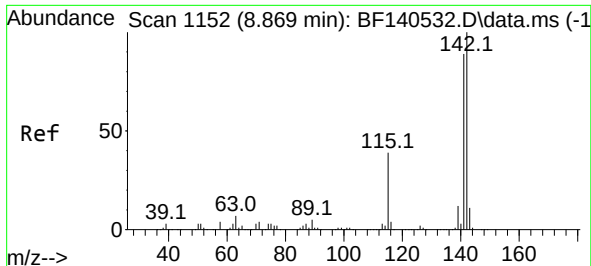
Tgt Ion:113 Resp: 53466
 Ion Ratio Lower Upper
 113 100
 55 155.1 137.7 177.7
 56 119.3 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 43.154 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: BF140820.D
 Acq: 11 Dec 2024 11:12

Tgt Ion:107 Resp: 259991
 Ion Ratio Lower Upper
 107 100
 144 24.4 18.7 28.1
 142 75.8 58.3 87.5





#37

2-Methylnaphthalene

Concen: 42.925 ng

RT: 8.857 min Scan# 1152

Delta R.T. -0.012 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

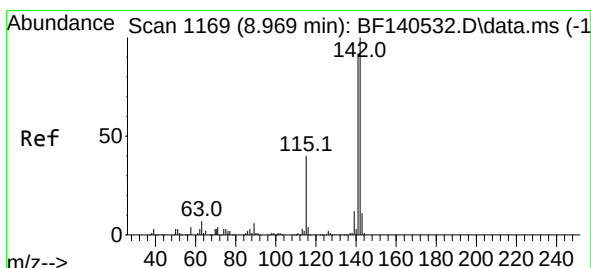
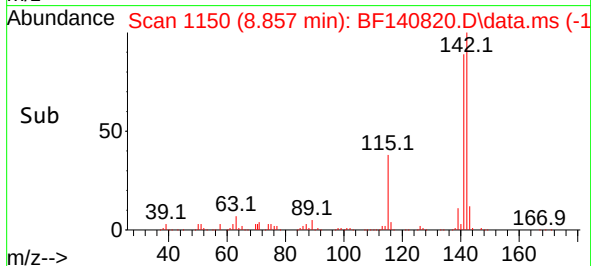
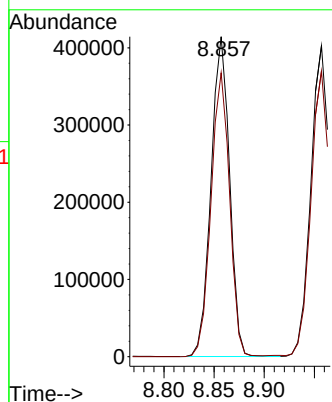
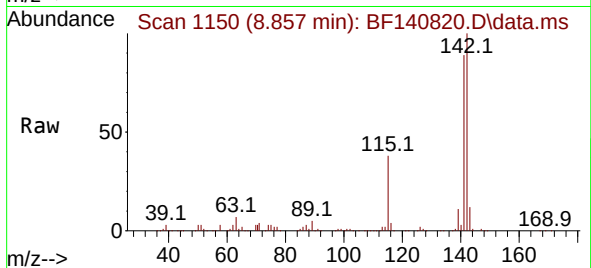
SSTDCCC040

Tgt Ion:142 Resp: 532300

Ion Ratio Lower Upper

142 100

141 88.7 71.0 106.6



#38

1-Methylnaphthalene

Concen: 42.869 ng

RT: 8.957 min Scan# 1167

Delta R.T. -0.012 min

Lab File: BF140820.D

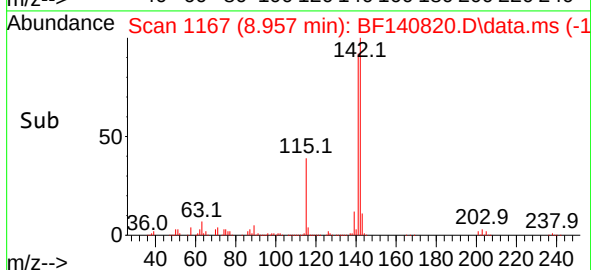
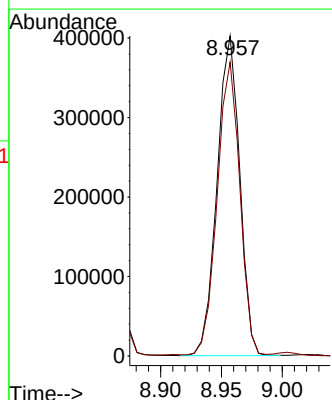
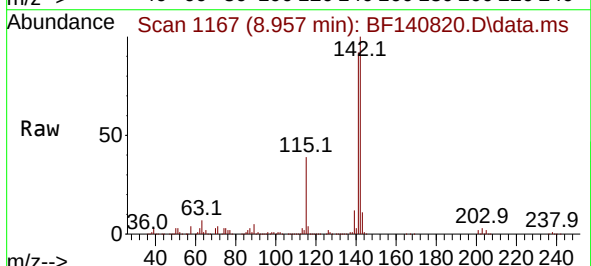
Acq: 11 Dec 2024 11:12

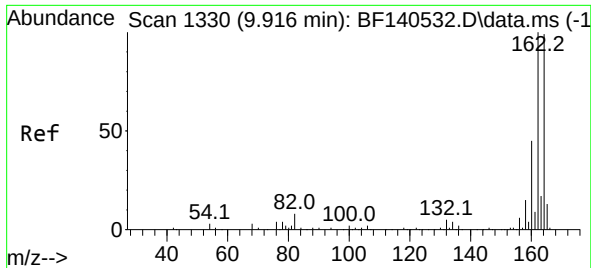
Tgt Ion:142 Resp: 521074

Ion Ratio Lower Upper

142 100

141 91.8 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1178

Delta R.T. -0.012 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

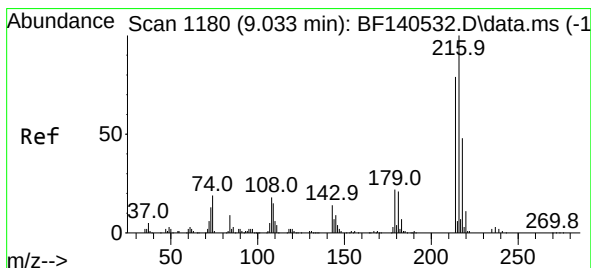
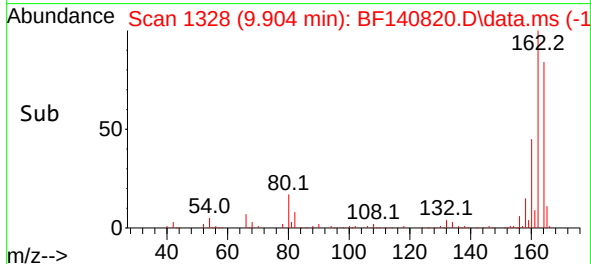
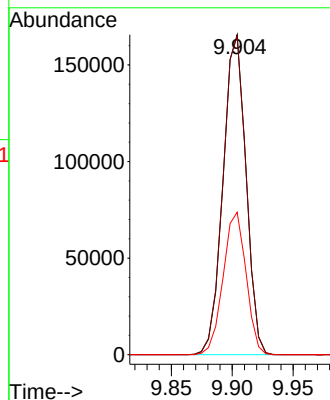
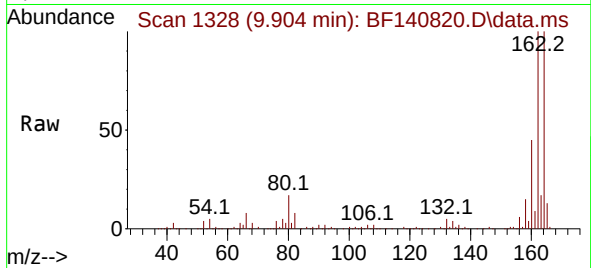
Tgt Ion:164 Resp: 216972

Ion Ratio Lower Upper

164 100

162 99.6 80.6 120.8

160 44.5 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.725 ng

RT: 9.022 min Scan# 1178

Delta R.T. -0.012 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Tgt Ion:216 Resp: 265031

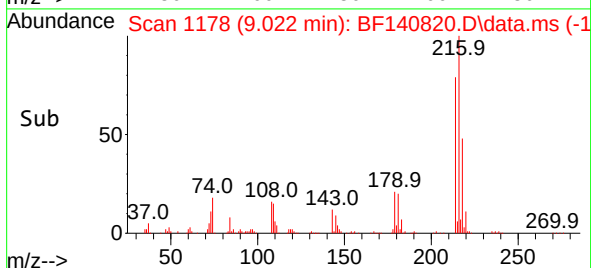
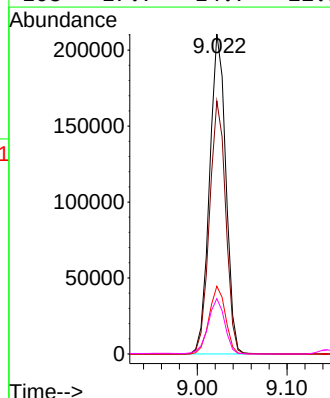
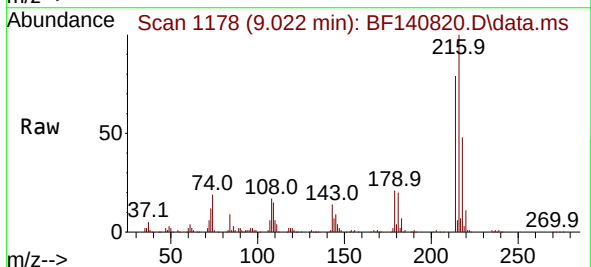
Ion Ratio Lower Upper

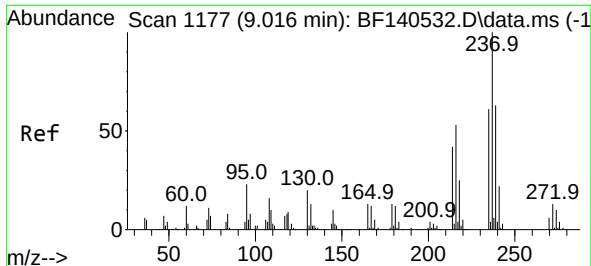
216 100

214 78.8 63.0 94.4

179 21.1 17.5 26.3

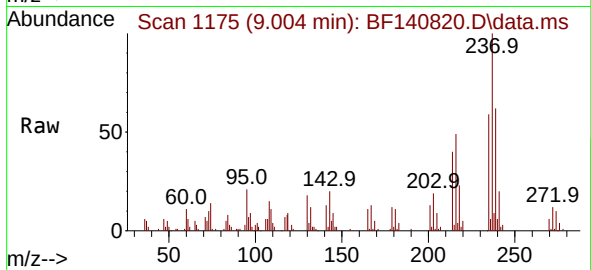
108 17.7 14.7 22.1



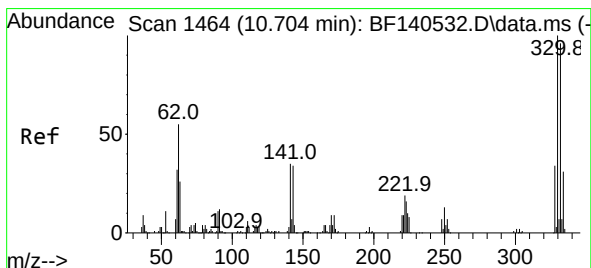
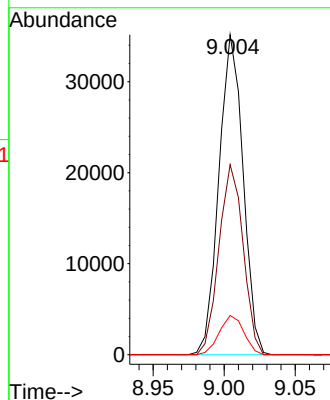
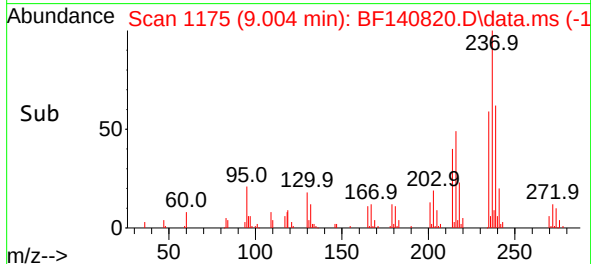


#41
Hexachlorocyclopentadiene
Concen: 33.712 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

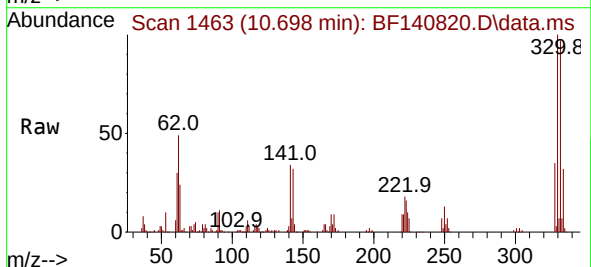
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



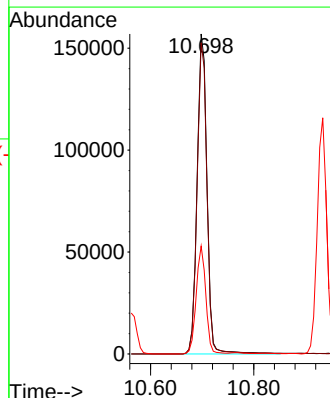
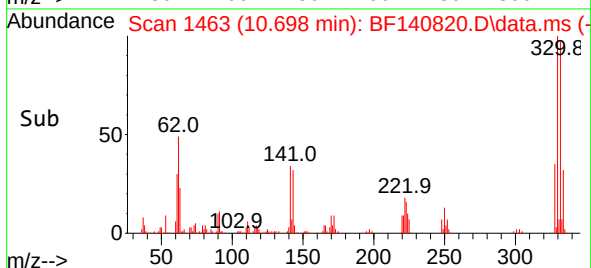
Tgt Ion:237 Resp: 41504
Ion Ratio Lower Upper
237 100
235 59.4 41.1 81.1
272 12.3 0.0 32.6

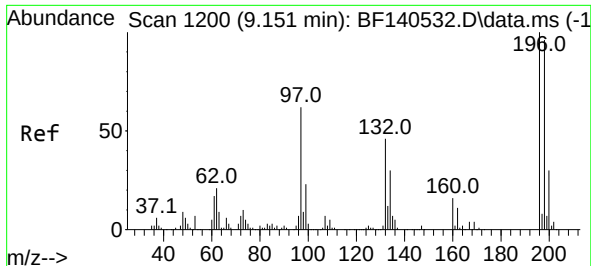


#42
2,4,6-Tribromophenol
Concen: 89.982 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12



Tgt Ion:330 Resp: 208806
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 32.8 26.7 40.1

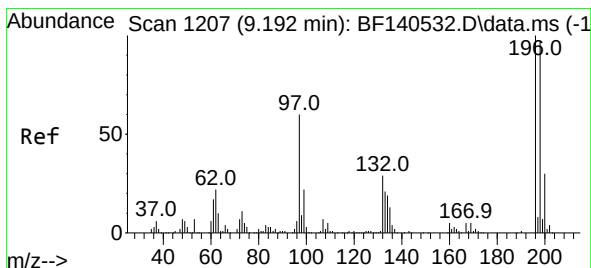
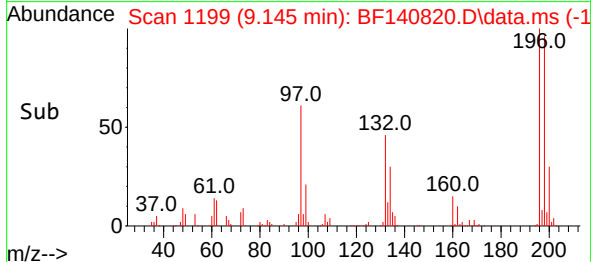
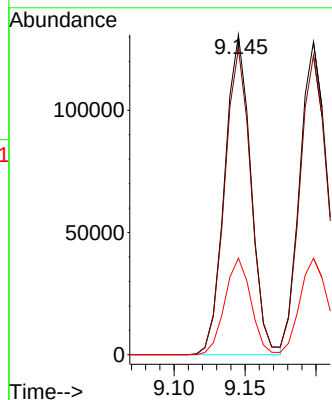
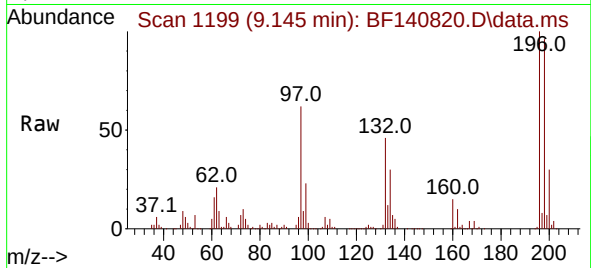




#43
2,4,6-Trichlorophenol
Concen: 42.111 ng
RT: 9.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

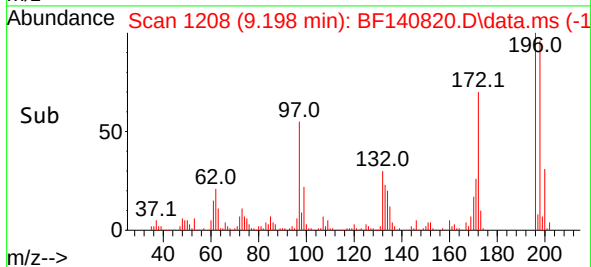
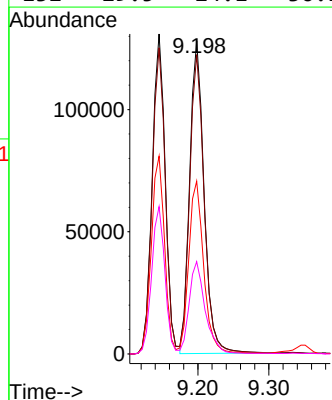
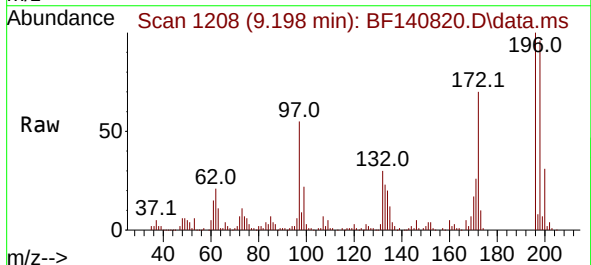
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

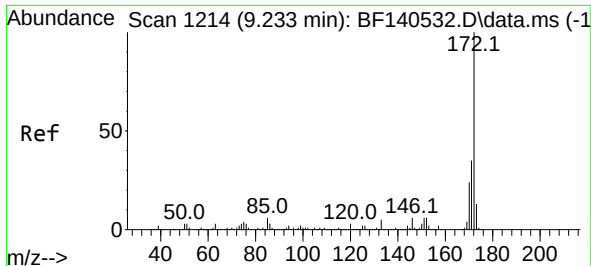
Tgt Ion:196 Resp: 167841
Ion Ratio Lower Upper
196 100
198 95.7 76.8 115.2
200 30.1 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 41.818 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:196 Resp: 180892
Ion Ratio Lower Upper
196 100
198 95.7 77.2 115.8
97 55.2 47.1 70.7
132 29.5 24.1 36.1

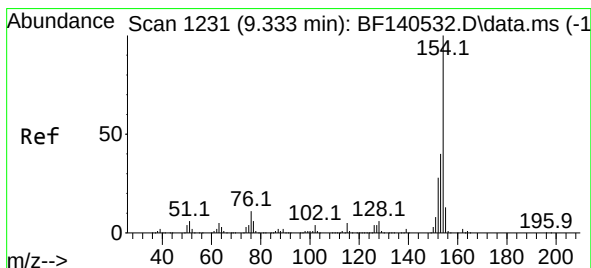
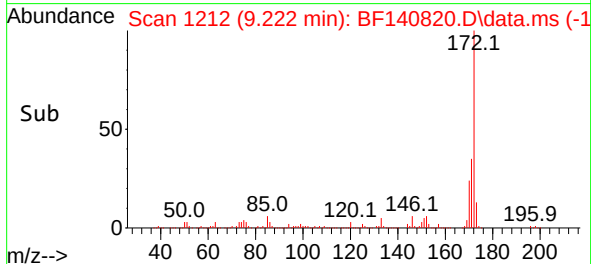
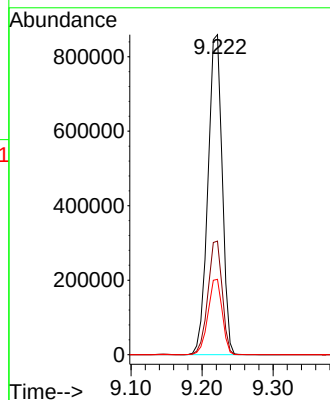
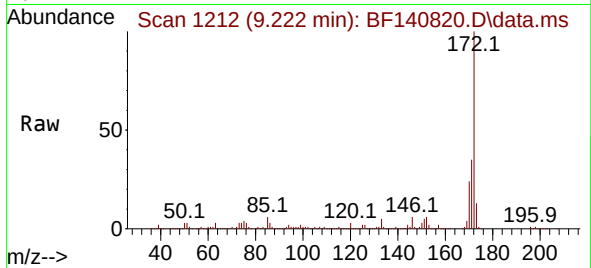




#45
2-Fluorobiphenyl
Concen: 82.454 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

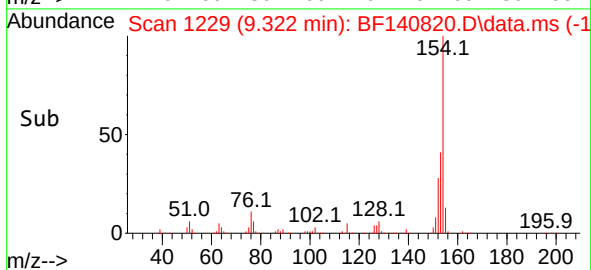
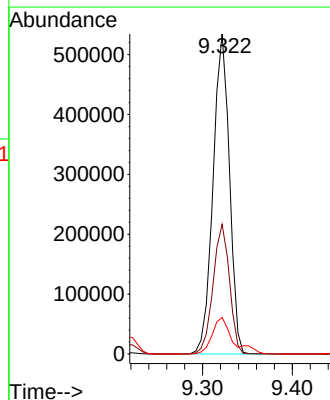
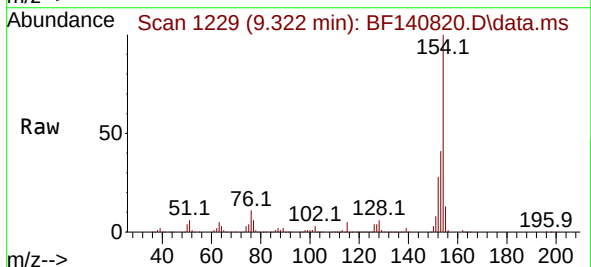
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

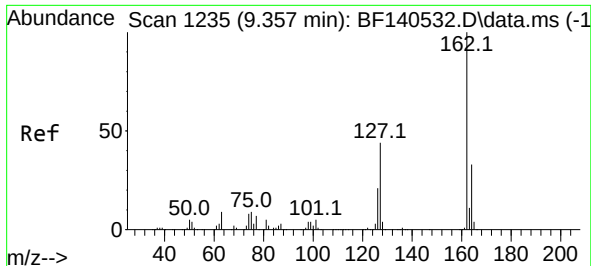
Tgt Ion:172 Resp: 1200734
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 19.0 28.6



#46
1,1'-Biphenyl
Concen: 41.845 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:154 Resp: 677858
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.4 0.0 31.2

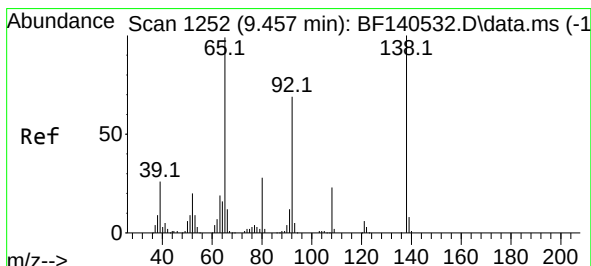
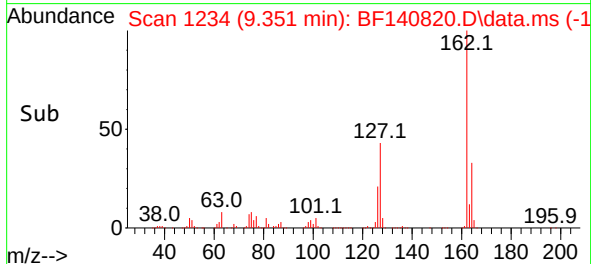
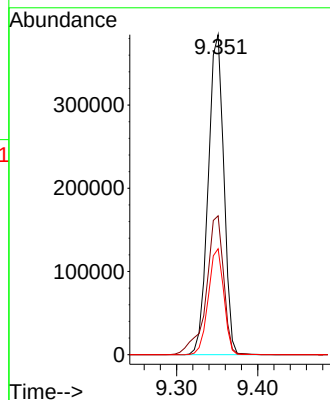
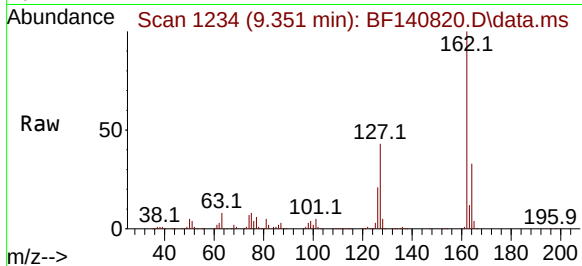




#47
2-Chloronaphthalene
Concen: 41.721 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

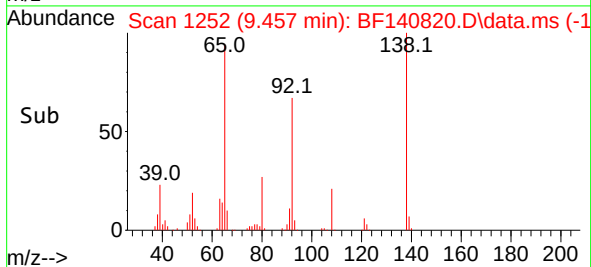
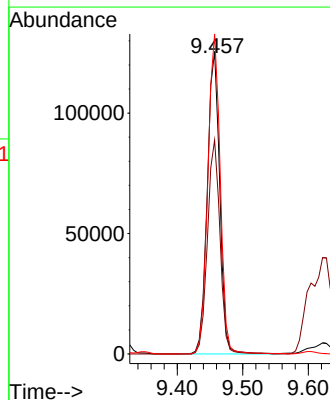
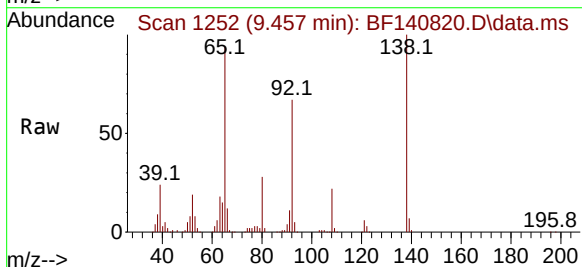
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

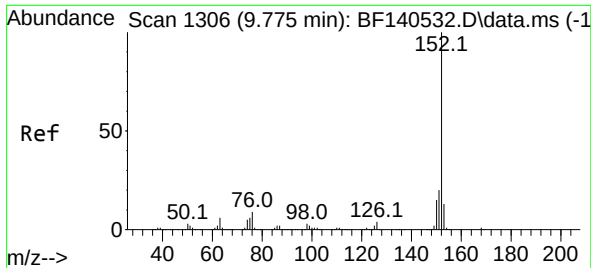
Tgt Ion:162 Resp: 512103
Ion Ratio Lower Upper
162 100
127 43.4 35.7 53.5
164 33.1 26.1 39.1



#48
2-Nitroaniline
Concen: 42.347 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion: 65 Resp: 166844
Ion Ratio Lower Upper
65 100
92 70.7 56.1 84.1
138 105.8 81.0 121.6





#49

Acenaphthylene

Concen: 41.437 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

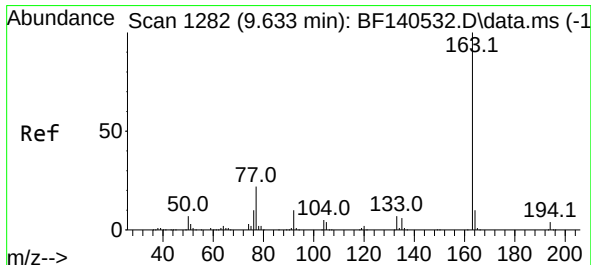
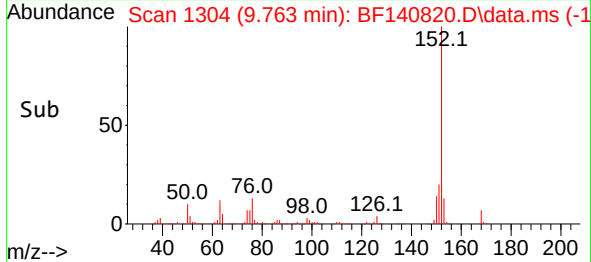
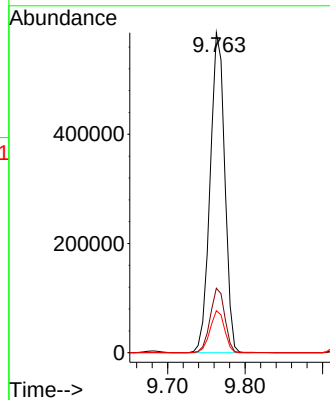
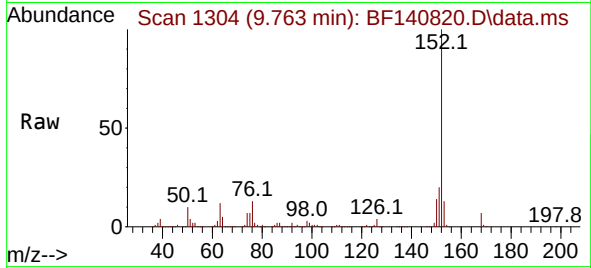
Tgt Ion:152 Resp: 768491

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

153 13.1 10.6 16.0



#50

Dimethylphthalate

Concen: 42.671 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

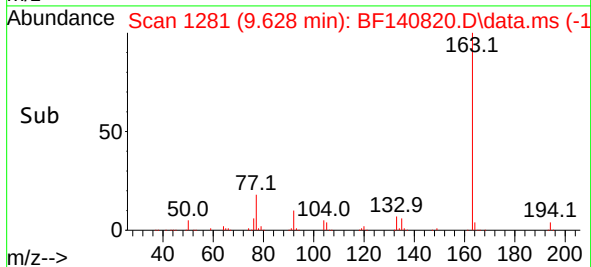
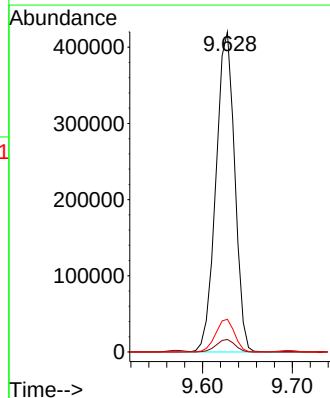
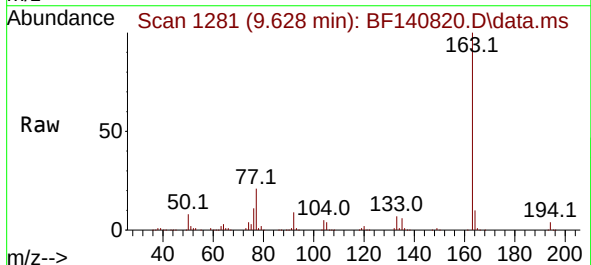
Tgt Ion:163 Resp: 609751

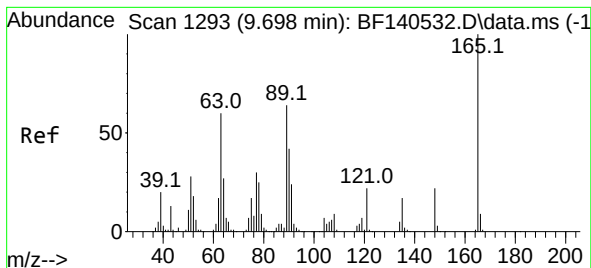
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.2

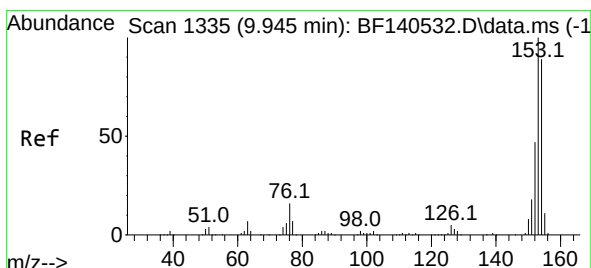
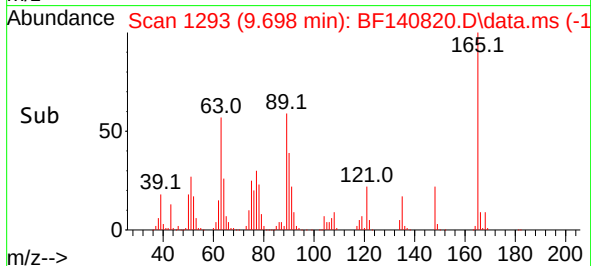
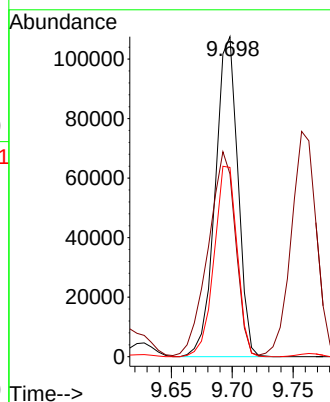
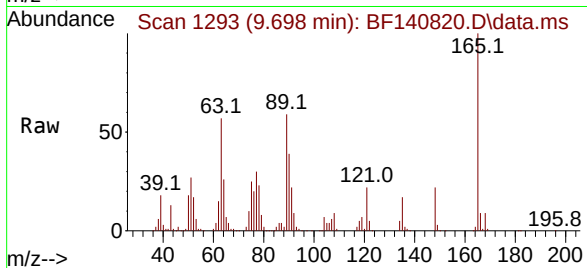




#51
2,6-Dinitrotoluene
Concen: 42.890 ng
RT: 9.698 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

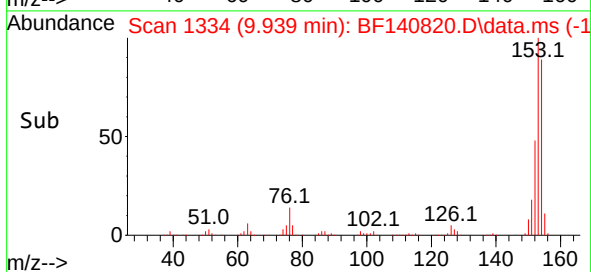
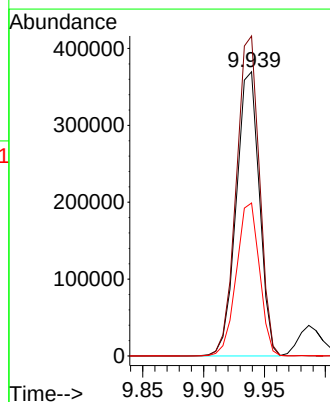
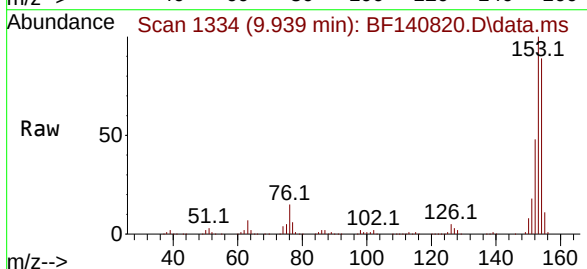
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

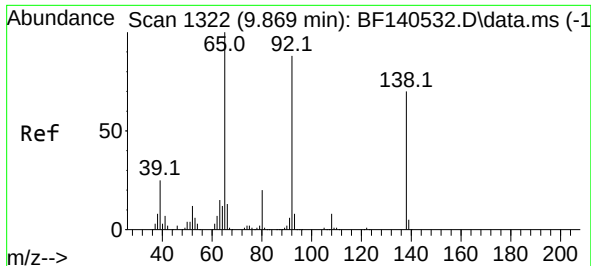
Tgt Ion:165 Resp: 139000
Ion Ratio Lower Upper
165 100
63 57.1 49.9 74.9
89 59.1 50.9 76.3



#52
Acenaphthene
Concen: 41.479 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:154 Resp: 488788
Ion Ratio Lower Upper
154 100
153 112.6 89.7 134.5
152 53.9 42.5 63.7

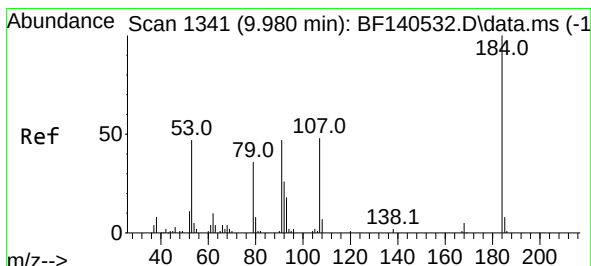
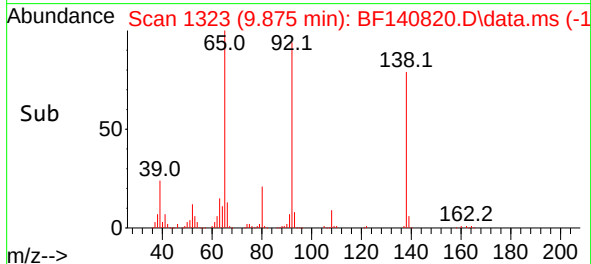
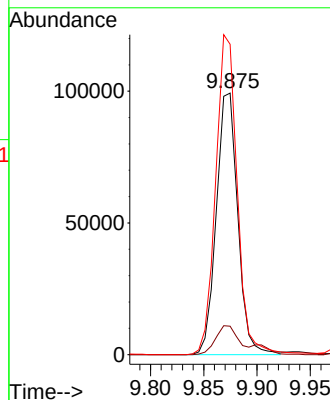
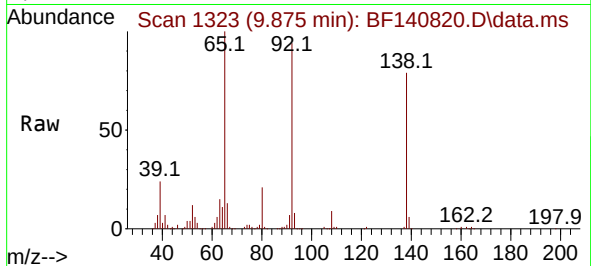




#53
3-Nitroaniline
Concen: 43.902 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

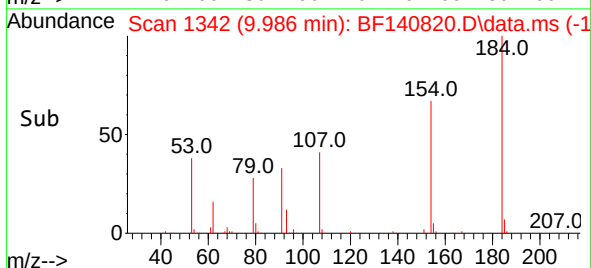
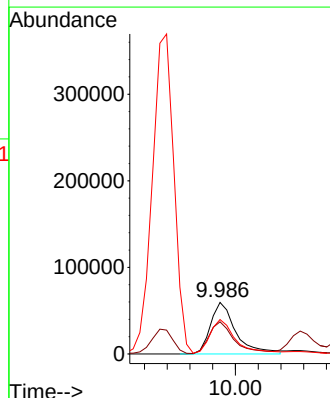
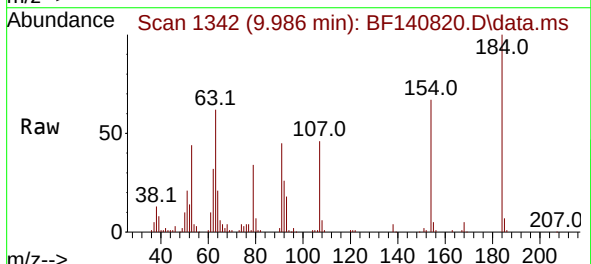
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

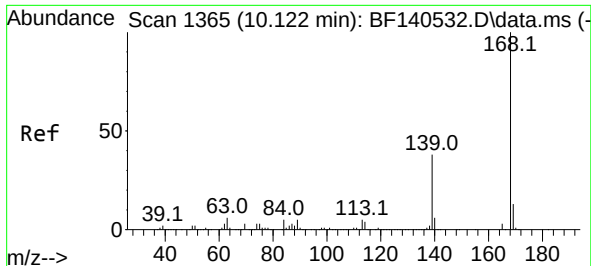
Tgt Ion:138 Resp: 139155
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 118.7 100.6 150.8



#54
2,4-Dinitrophenol
Concen: 57.386 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:184 Resp: 92205
Ion Ratio Lower Upper
184 100
63 62.4 54.1 81.1
154 66.8 57.4 86.0

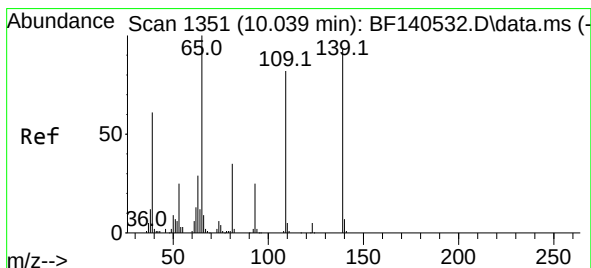
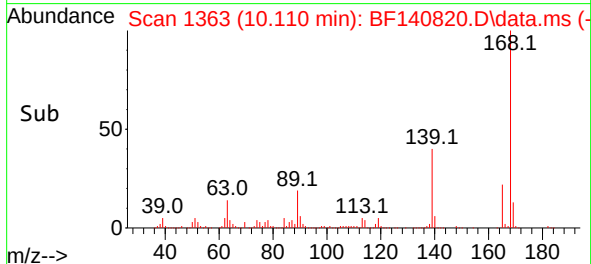
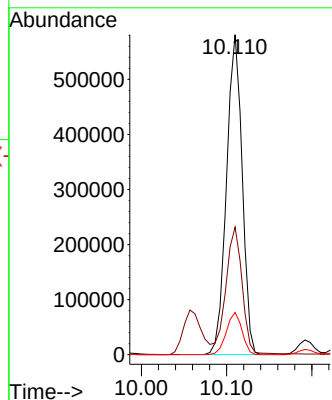
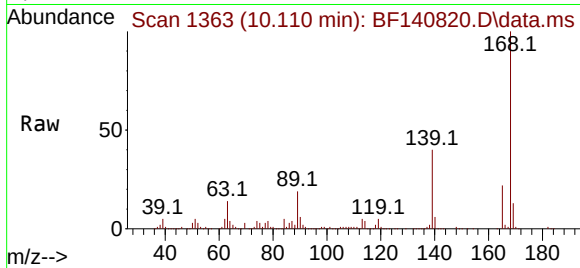




#55
Dibenzenofuran
Concen: 41.314 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

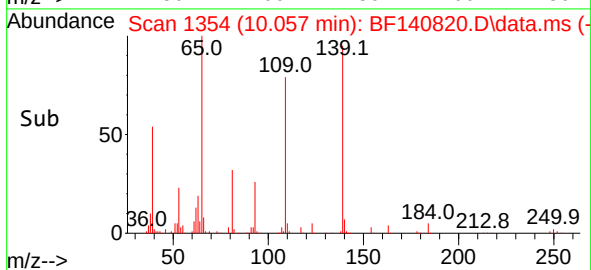
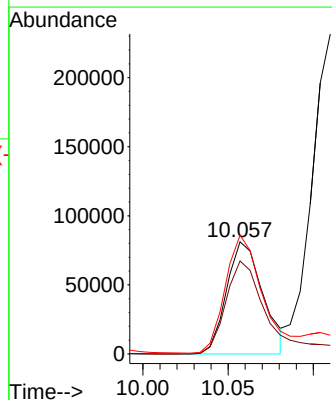
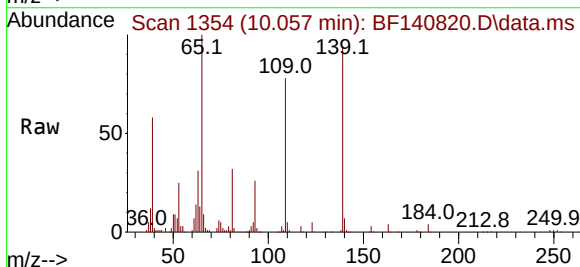
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

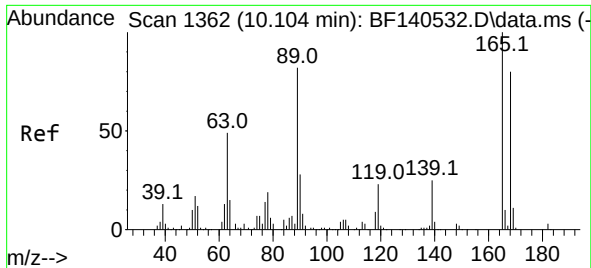
Tgt Ion:168 Resp: 742594
Ion Ratio Lower Upper
168 100
139 39.9 31.3 46.9
169 13.2 10.5 15.7



#56
4-Nitrophenol
Concen: 55.514 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.018 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:139 Resp: 120006
Ion Ratio Lower Upper
139 100
109 82.9 68.4 108.4
65 105.9 88.6 128.6

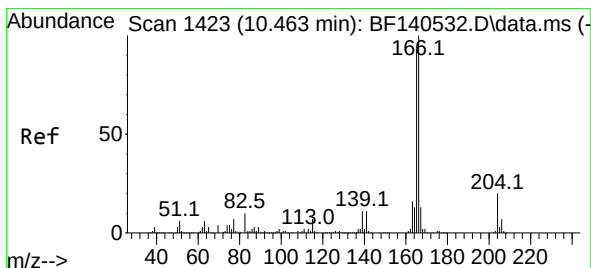
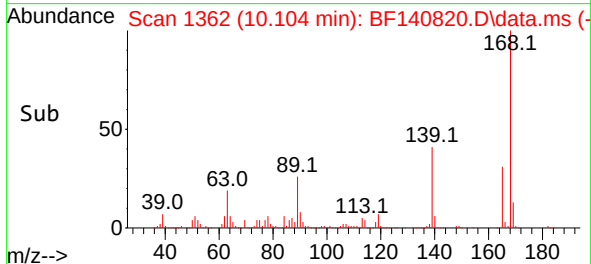
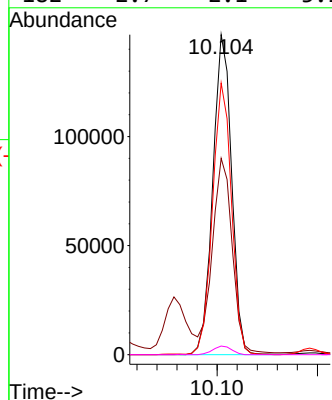
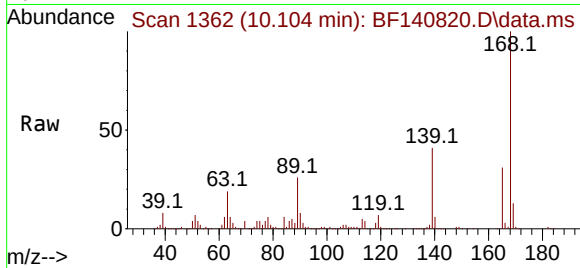




#57
2,4-Dinitrotoluene
Concen: 44.375 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

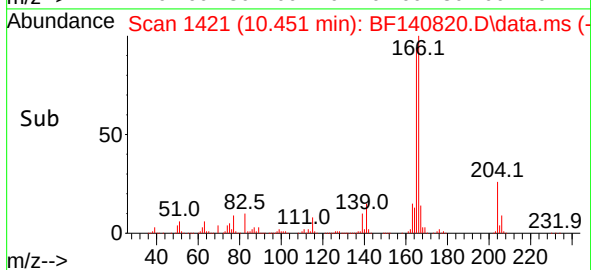
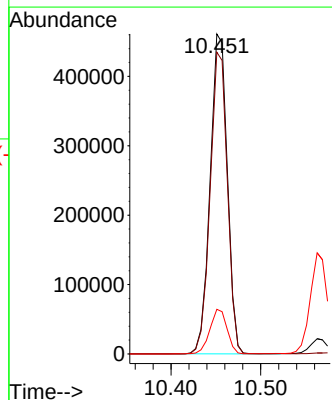
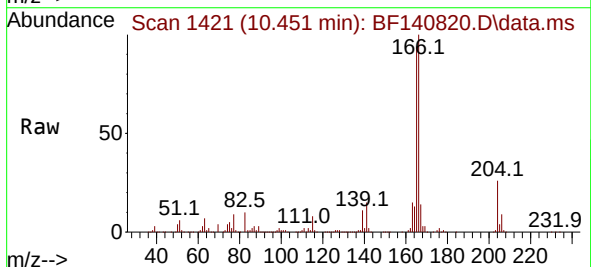
Instrument :
BNA_F
ClientSampleId :
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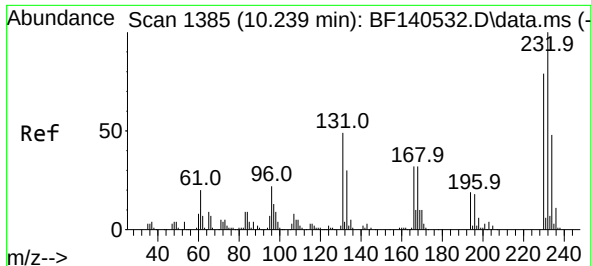
Tgt Ion:165 Resp: 191128
Ion Ratio Lower Upper
165 100
63 61.3 41.7 62.5
89 84.9 65.8 98.8
182 2.7 2.1 3.1



#58
Fluorene
Concen: 42.521 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:166 Resp: 613472
Ion Ratio Lower Upper
166 100
165 94.3 74.6 111.8
167 13.9 10.6 16.0

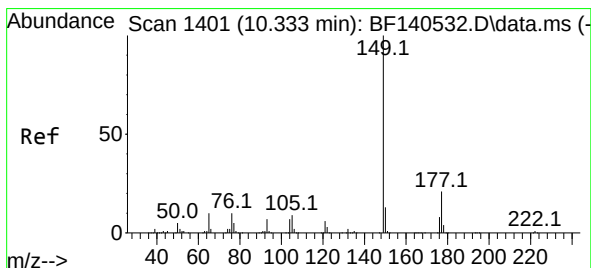
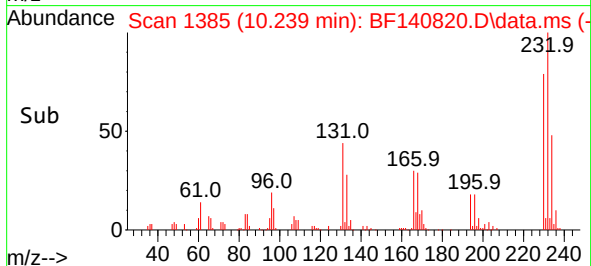
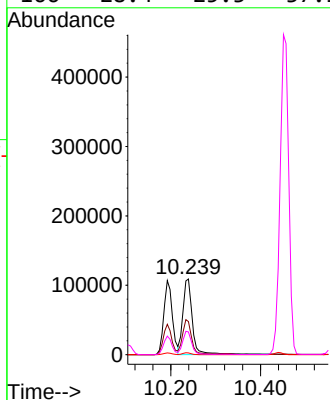
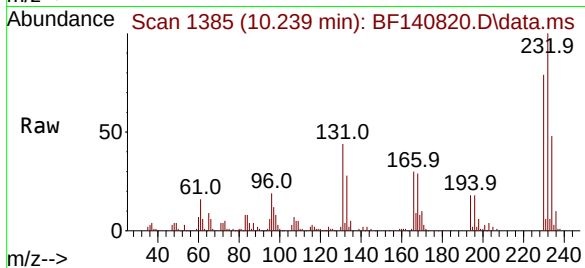




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.681 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

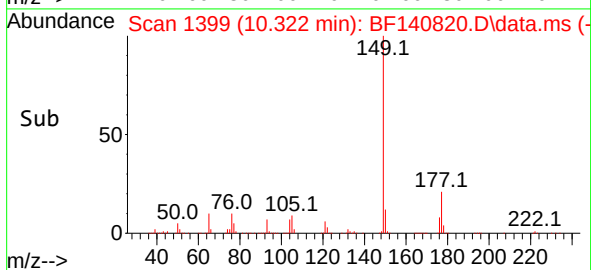
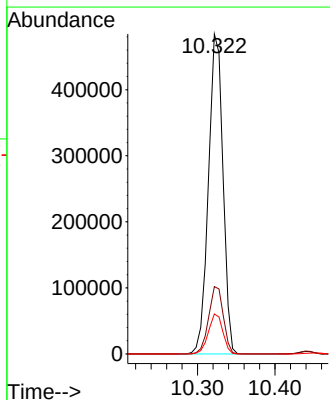
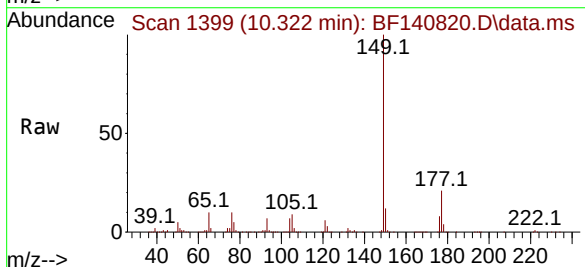
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

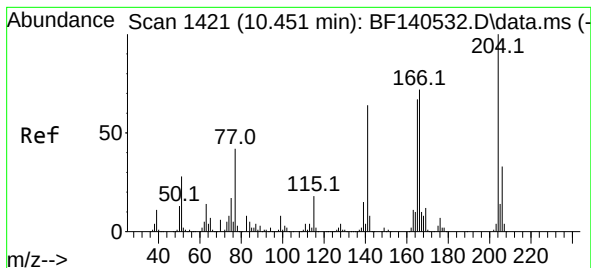
Tgt Ion:232 Resp: 158512
Ion Ratio Lower Upper
232 100
131 43.8 39.6 59.4
130 2.2 1.9 2.9
166 28.4 25.3 37.9



#60
Diethylphthalate
Concen: 43.424 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:149 Resp: 630458
Ion Ratio Lower Upper
149 100
177 21.1 17.1 25.7
150 12.5 10.1 15.1

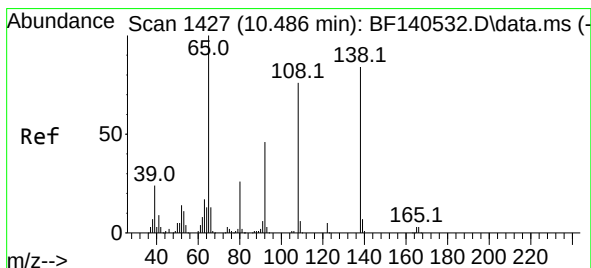
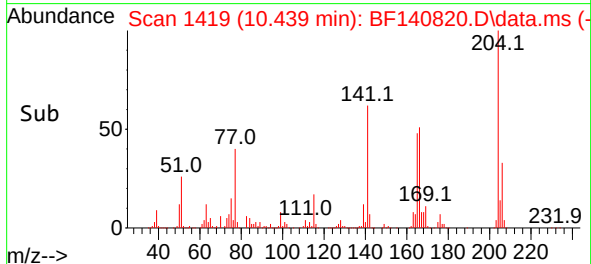
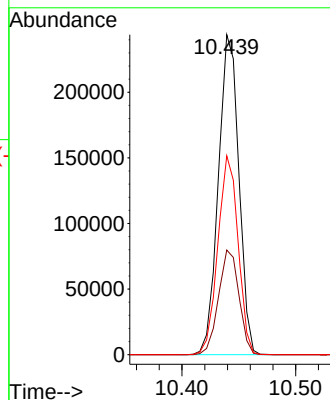
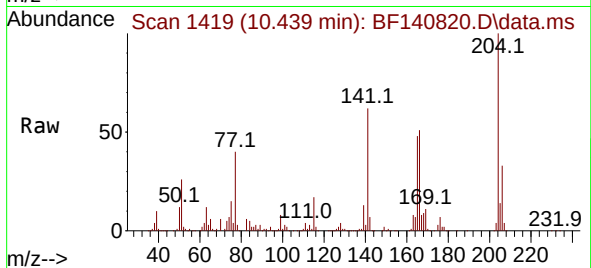




#61
4-Chlorophenyl-phenylether
Concen: 43.202 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

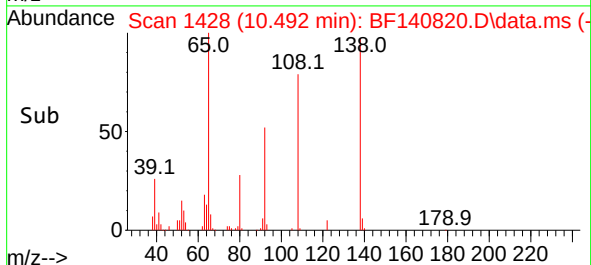
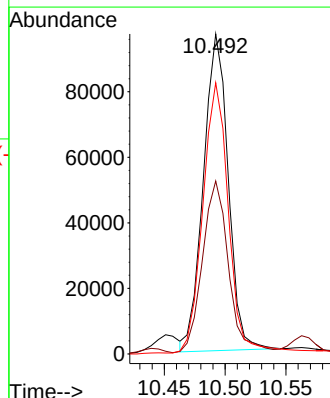
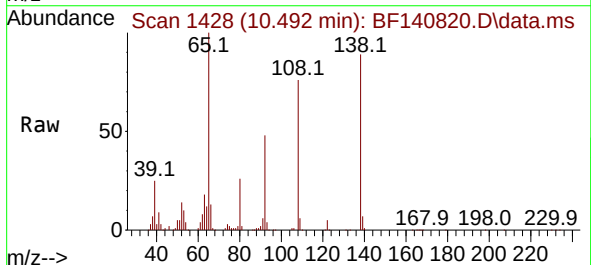
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

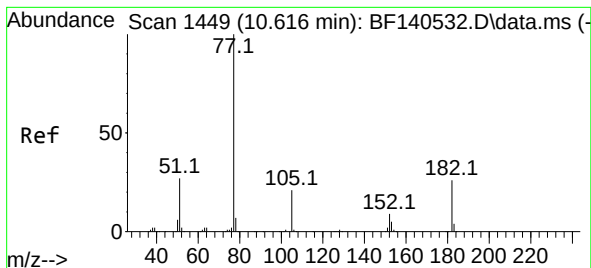
Tgt Ion:204 Resp: 305884
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 62.1 51.1 76.7



#62
4-Nitroaniline
Concen: 41.168 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:138 Resp: 136860
Ion Ratio Lower Upper
138 100
92 54.1 34.5 74.5
108 84.8 70.6 110.6





#63

Azobenzene

Concen: 41.664 ng

RT: 10.604 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 572843

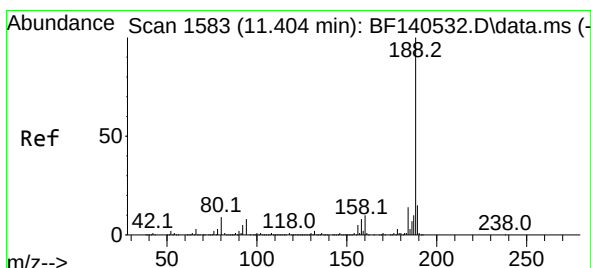
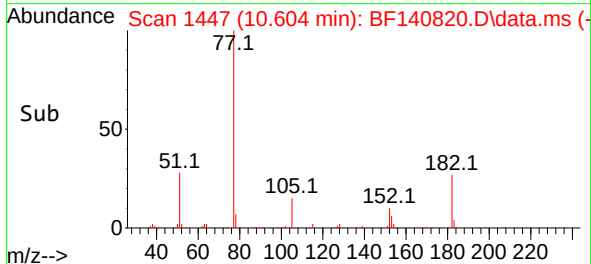
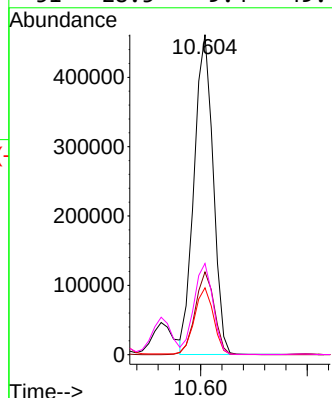
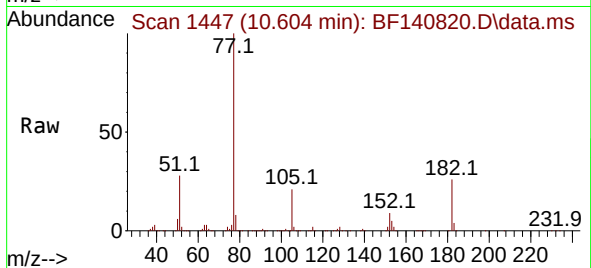
Ion Ratio Lower Upper

77 100

182 25.8 5.3 45.3

105 20.9 0.3 40.3

51 28.5 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

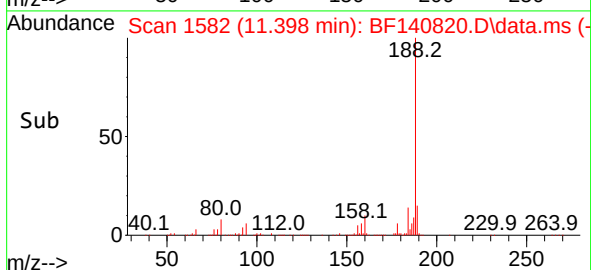
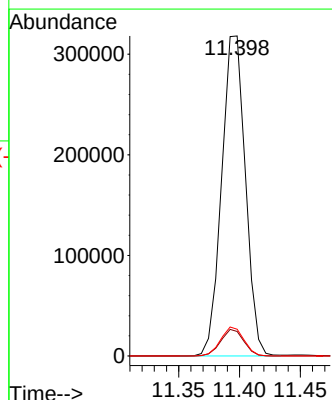
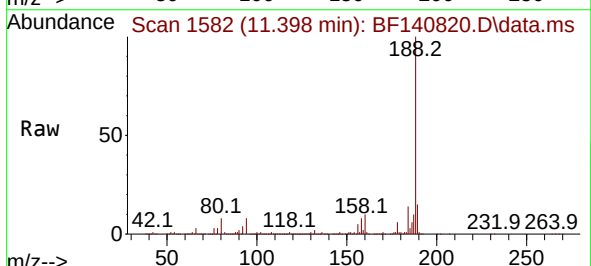
Tgt Ion: 188 Resp: 433324

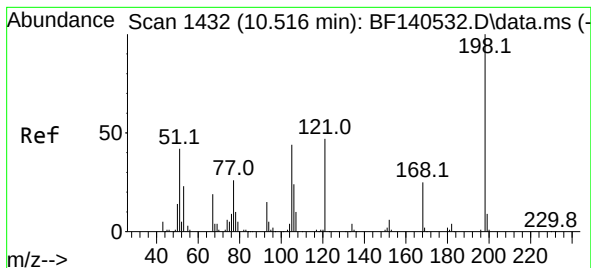
Ion Ratio Lower Upper

188 100

94 7.7 6.4 9.6

80 8.4 6.9 10.3

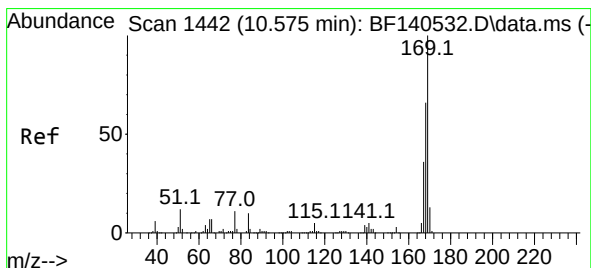
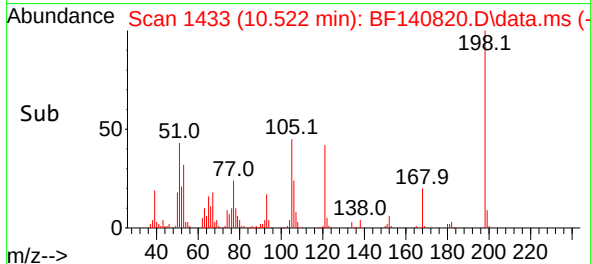
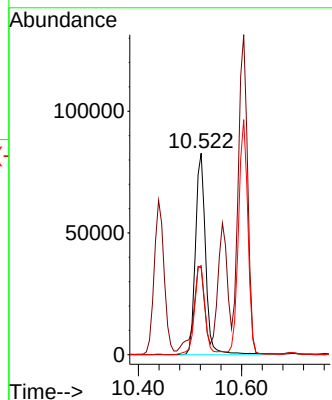
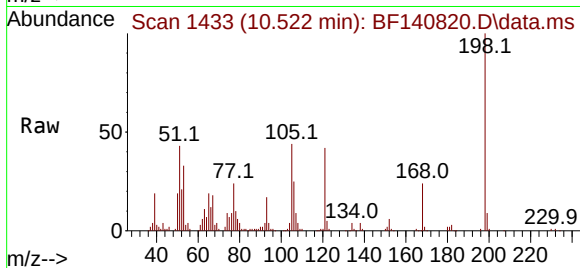




#65
4,6-Dinitro-2-methylphenol
Concen: 51.025 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

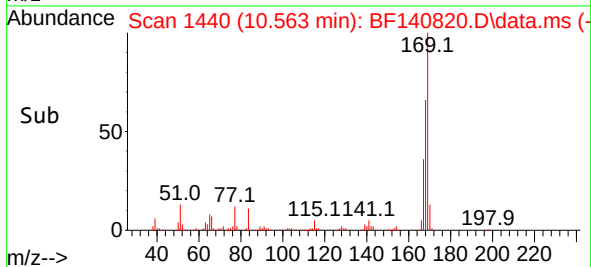
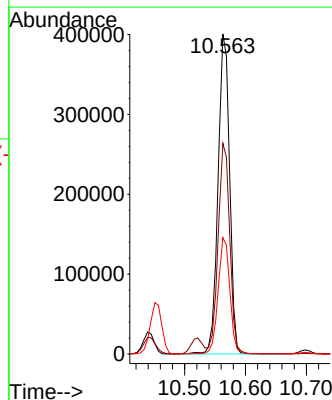
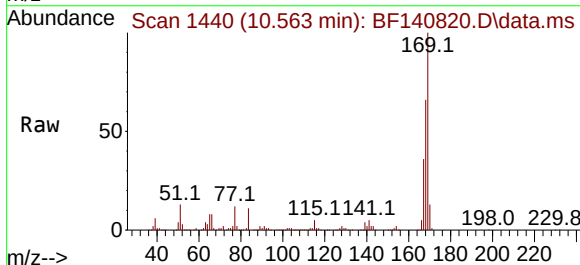
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

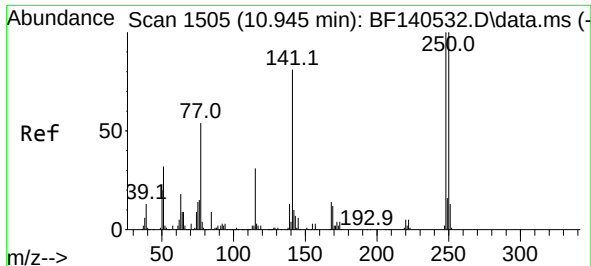
Tgt Ion:198 Resp: 112984
Ion Ratio Lower Upper
198 100
51 43.3 29.4 69.4
105 44.3 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 41.051 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:169 Resp: 526049
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.4 29.0 43.6

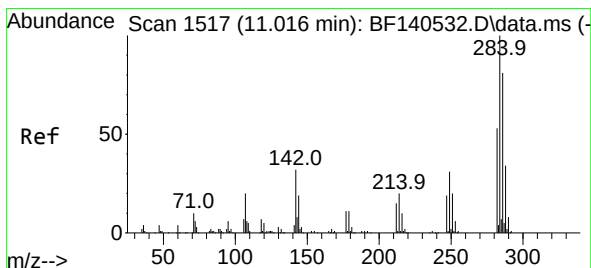
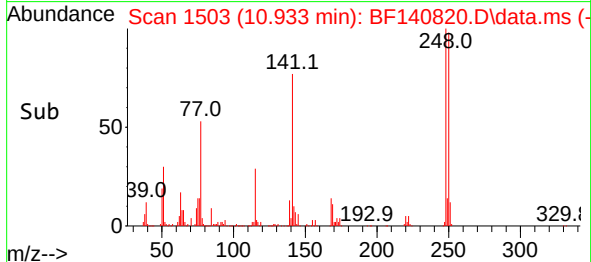
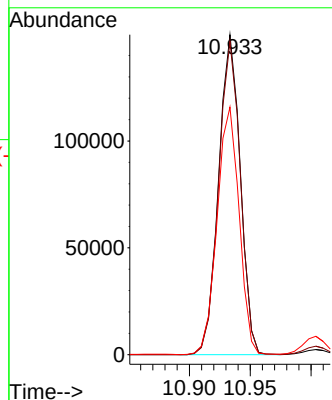
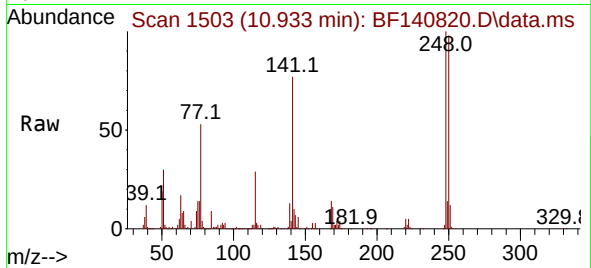




#67
4-Bromophenyl-phenylether
Concen: 41.636 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

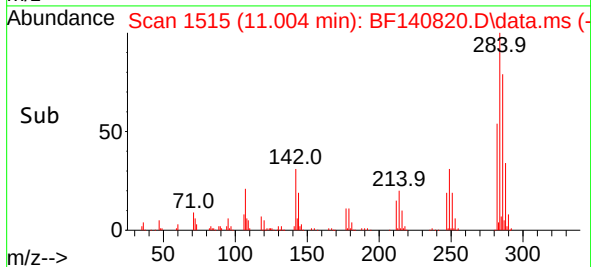
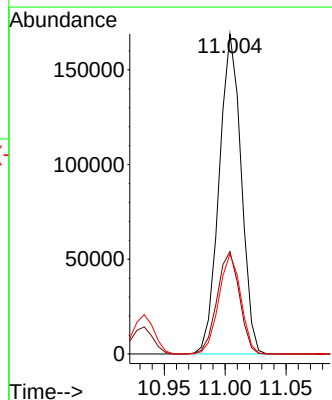
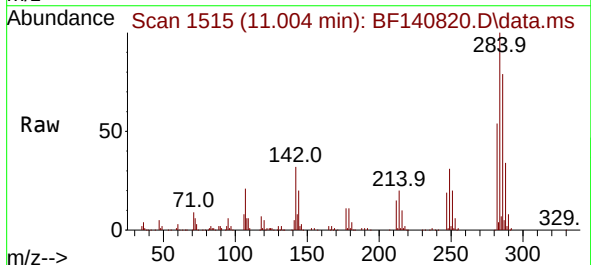
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

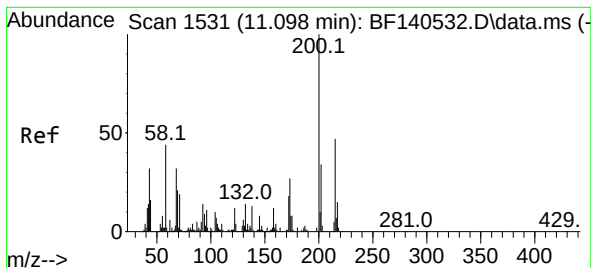
Tgt Ion:248 Resp: 185802
Ion Ratio Lower Upper
248 100
250 97.9 79.8 119.8
141 77.3 64.7 97.1



#68
Hexachlorobenzene
Concen: 41.187 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:284 Resp: 212823
Ion Ratio Lower Upper
284 100
142 32.0 25.3 37.9
249 31.3 24.8 37.2





#69

Atrazine

Concen: 33.304 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

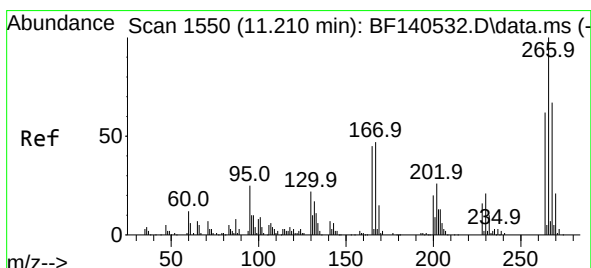
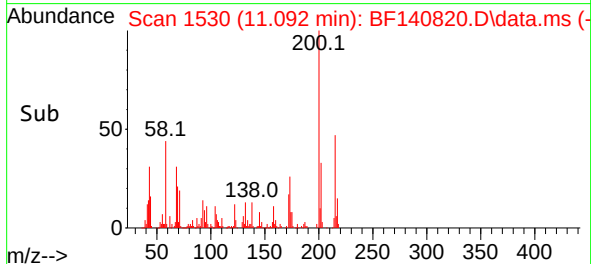
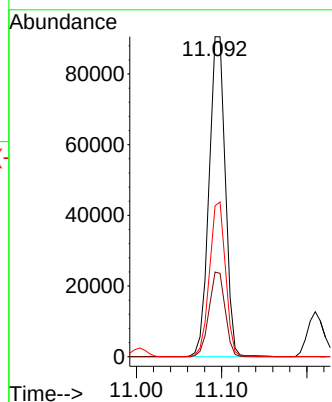
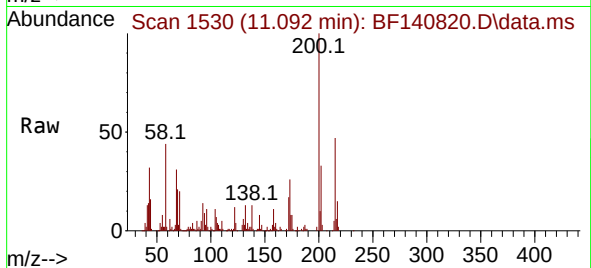
Tgt Ion:200 Resp: 120059

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

215 47.1 26.7 66.7



#70

Pentachlorophenol

Concen: 42.736 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

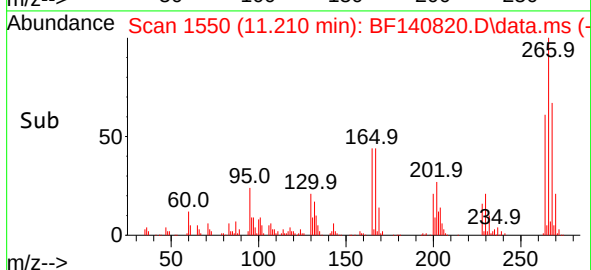
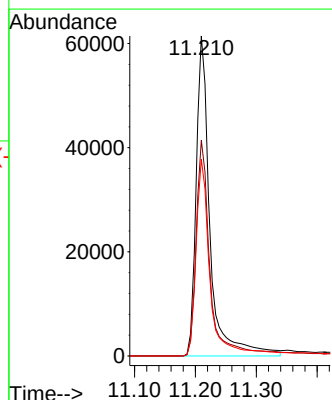
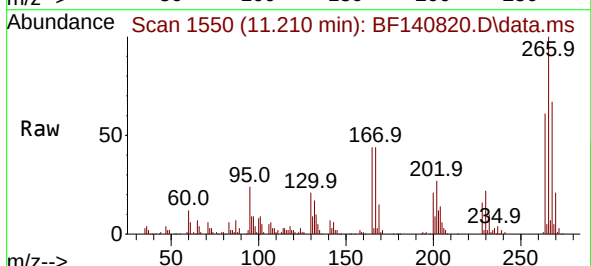
Tgt Ion:266 Resp: 97190

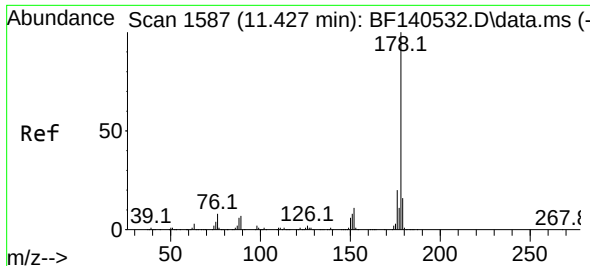
Ion Ratio Lower Upper

266 100

268 67.4 53.7 80.5

264 61.5 49.8 74.8

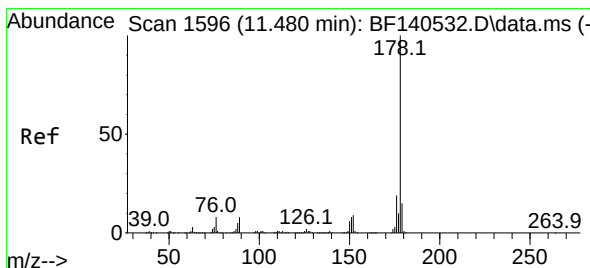
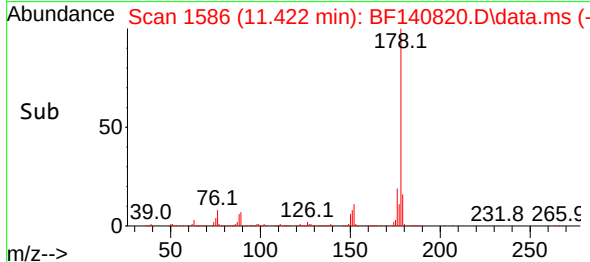
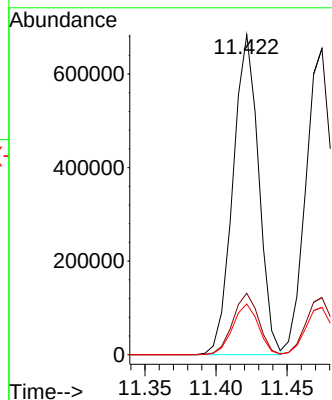
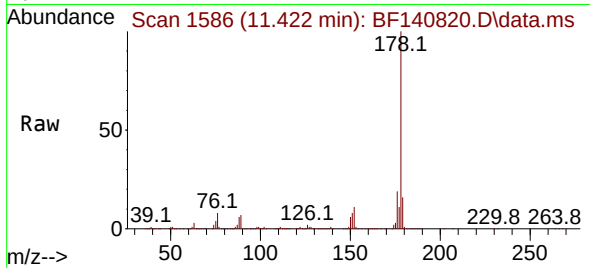




#71
Phenanthrene
Concen: 41.374 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

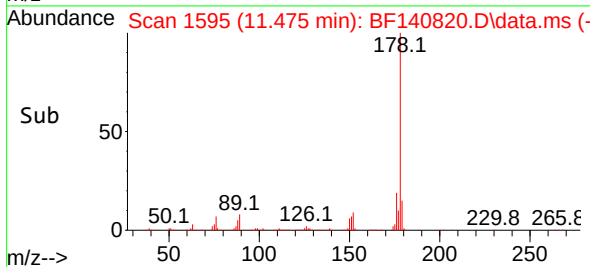
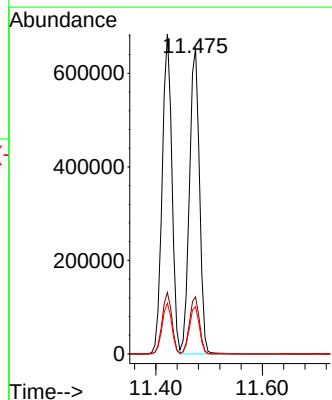
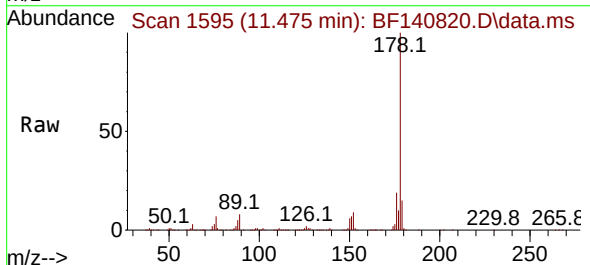
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

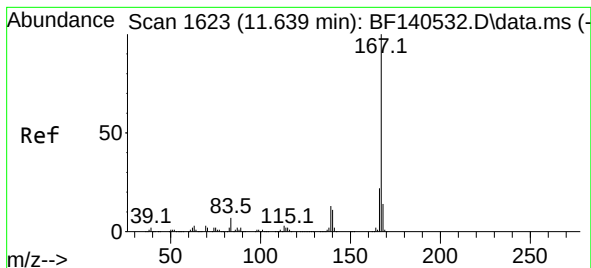
Tgt Ion:178 Resp: 861808
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.8 12.4 18.6



#72
Anthracene
Concen: 41.856 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:178 Resp: 852815
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.2 18.4





#73

Carbazole

Concen: 43.647 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

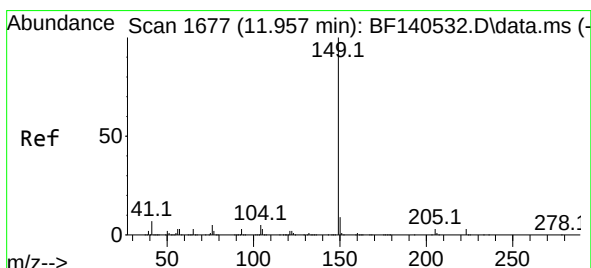
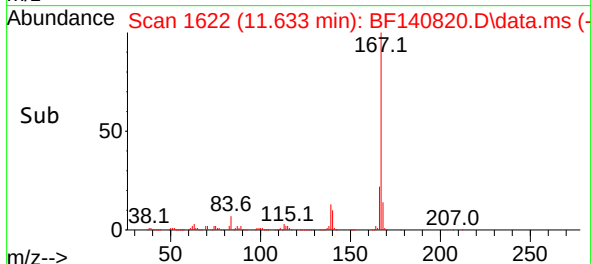
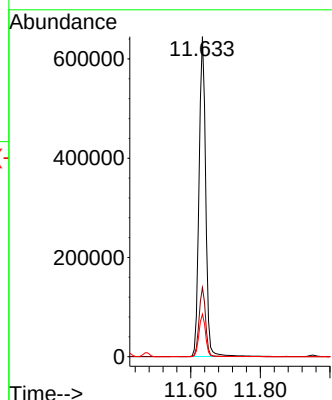
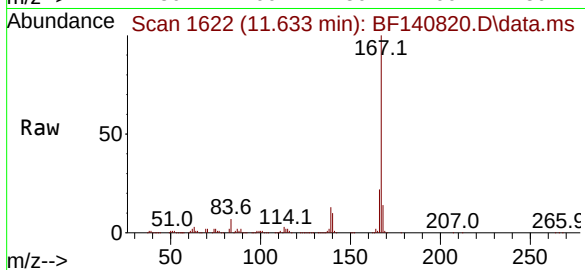
Tgt Ion:167 Resp: 855532

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

139 13.3 10.6 15.8



#74

Di-n-butylphthalate

Concen: 42.911 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

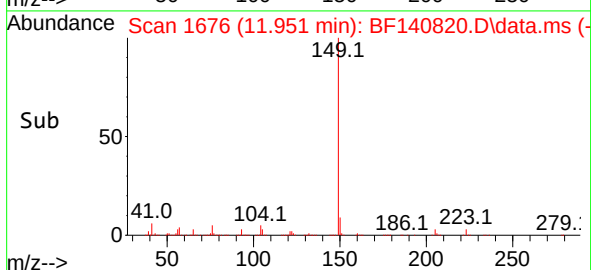
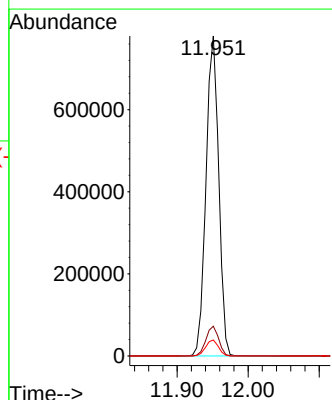
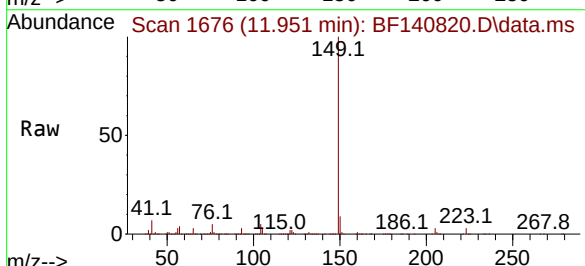
Tgt Ion:149 Resp: 971051

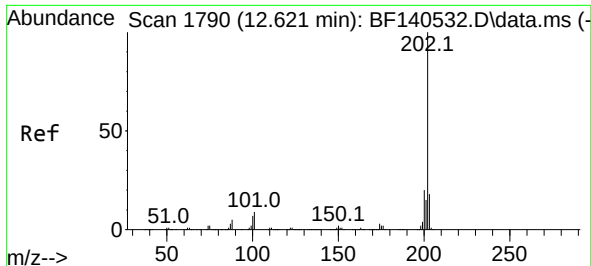
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.0 4.1 6.1

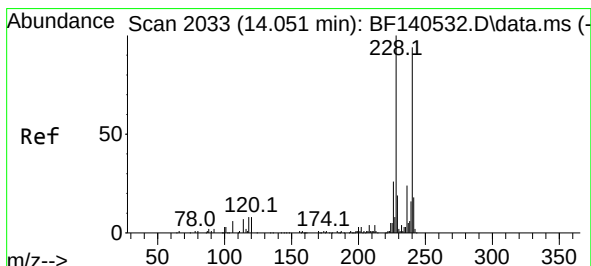
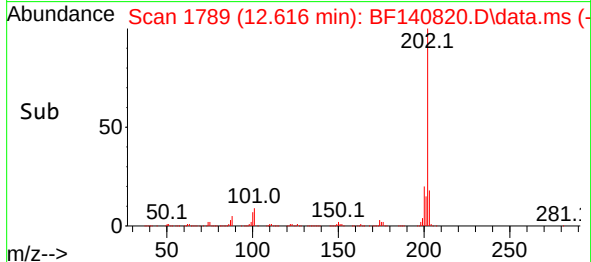
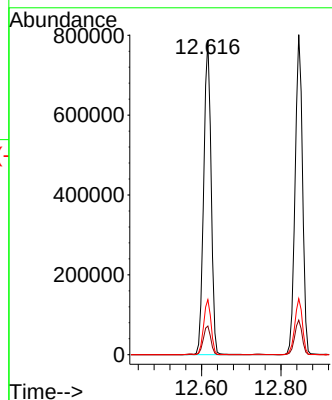
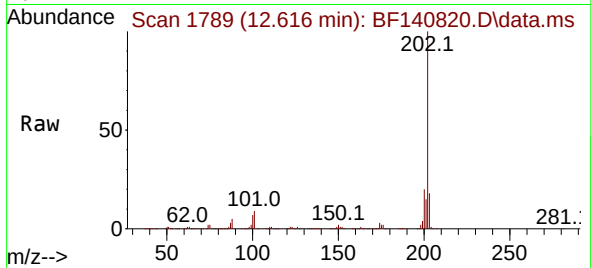




#75
Fluoranthene
Concen: 44.993 ng
RT: 12.616 min Scan# 1790
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

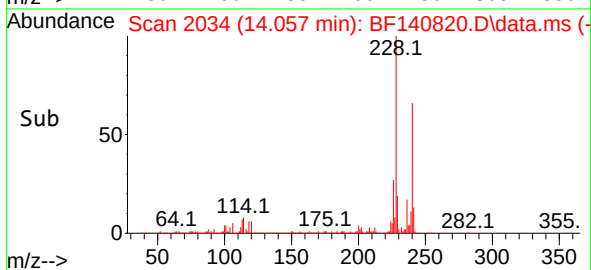
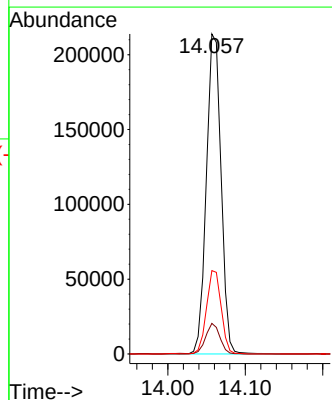
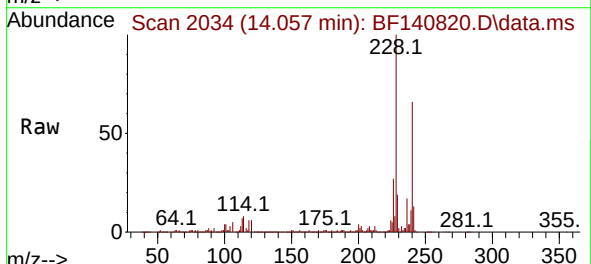
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

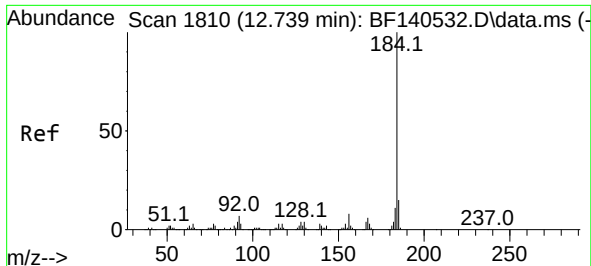
Tgt Ion:202 Resp: 1017546
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.9
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:240 Resp: 282099
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 26.1 20.6 31.0

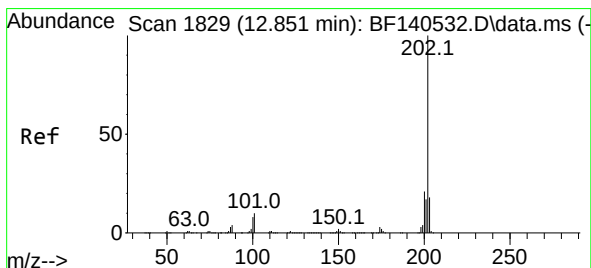
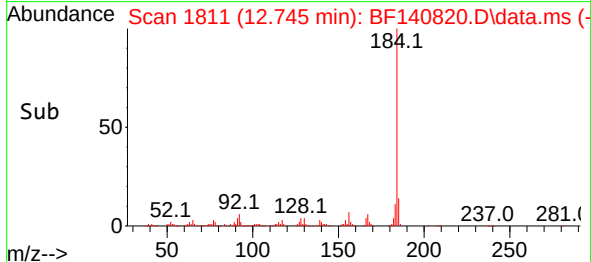
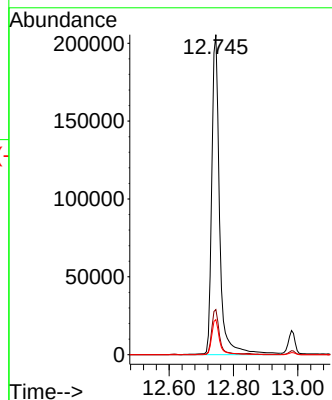
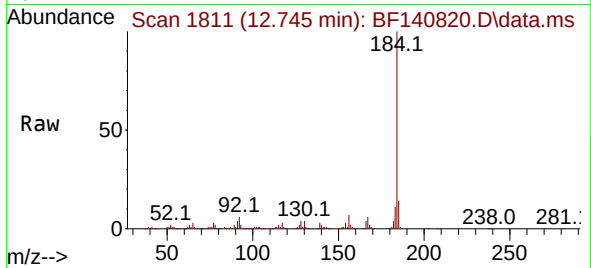




#77
Benzidine
Concen: 42.807 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

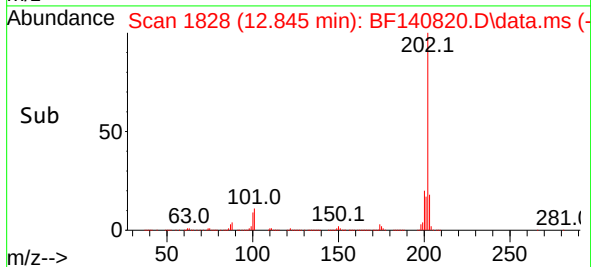
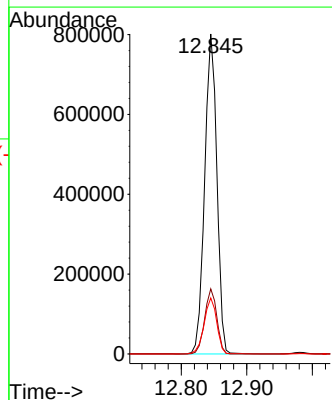
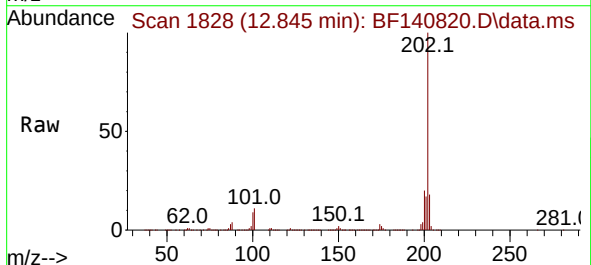
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

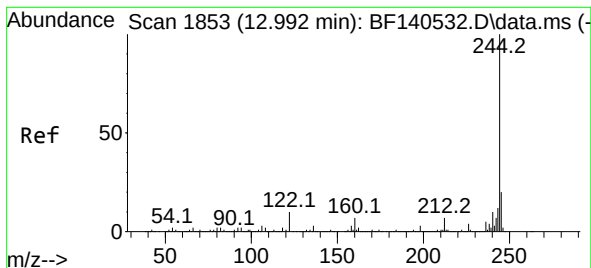
Tgt Ion:184 Resp: 351094
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.0 8.8 13.2



#78
Pyrene
Concen: 39.811 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:202 Resp: 1038423
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.5 14.2 21.4





#79

Terphenyl-d14

Concen: 79.318 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

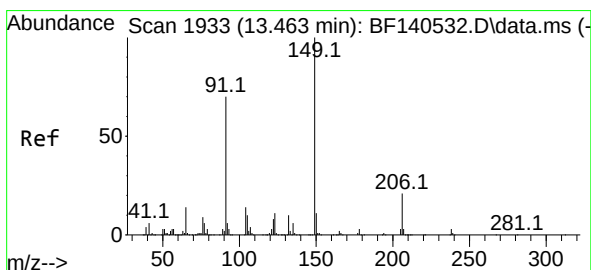
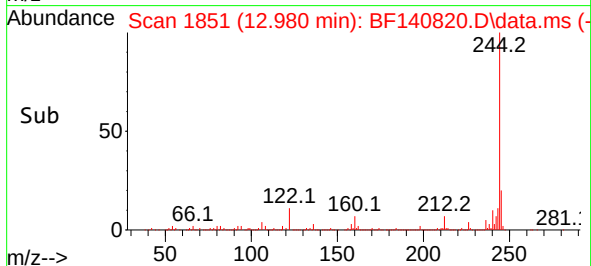
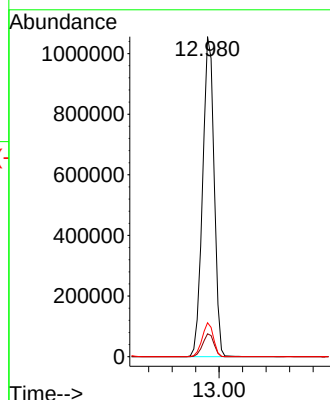
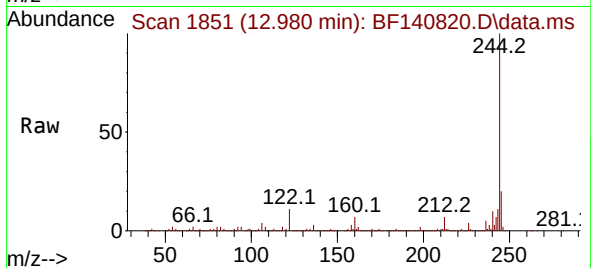
Tgt Ion:244 Resp: 1436970

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.6 8.0 12.0



#80

Butylbenzylphthalate

Concen: 41.394 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

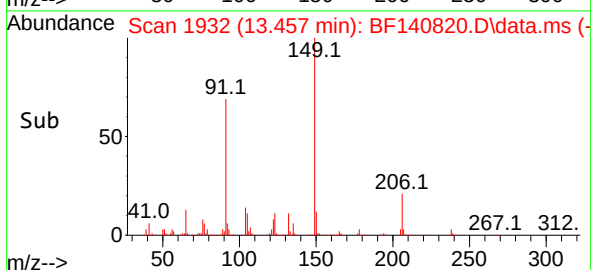
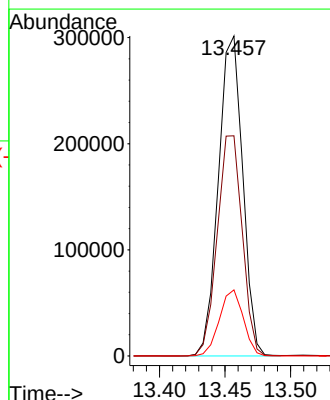
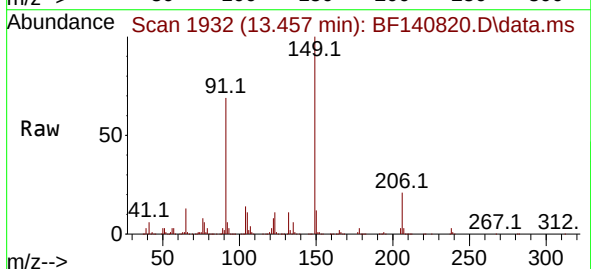
Tgt Ion:149 Resp: 388951

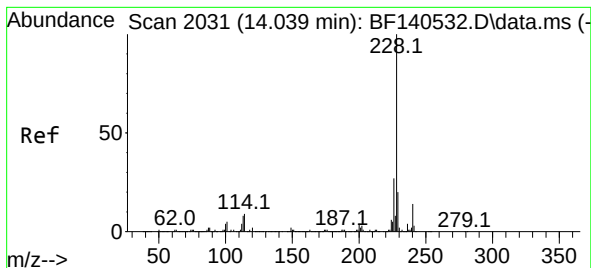
Ion Ratio Lower Upper

149 100

91 68.8 56.2 84.2

206 20.6 16.4 24.6





#81

Benzo(a)anthracene

Concen: 43.076 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

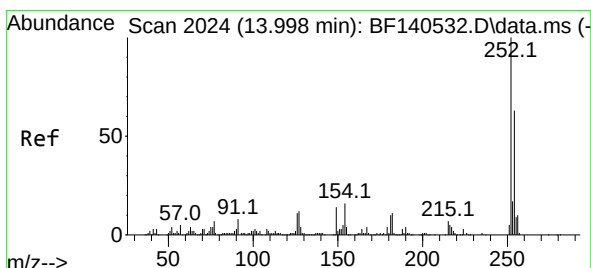
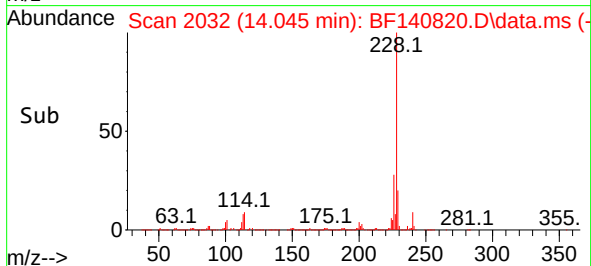
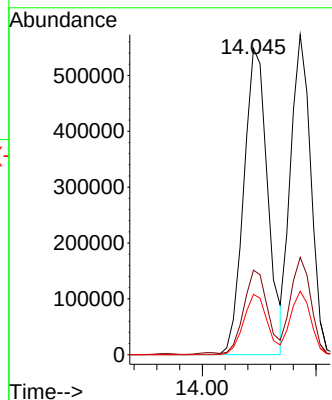
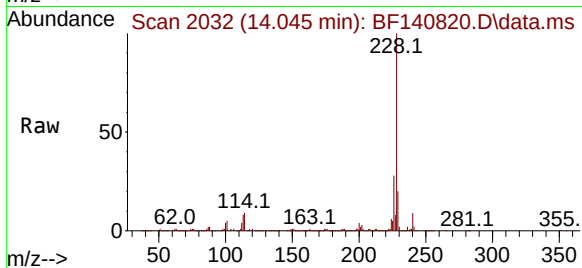
Tgt Ion:228 Resp: 804398

Ion Ratio Lower Upper

228 100

226 27.6 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 42.663 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

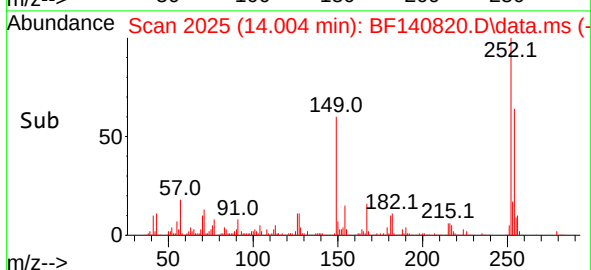
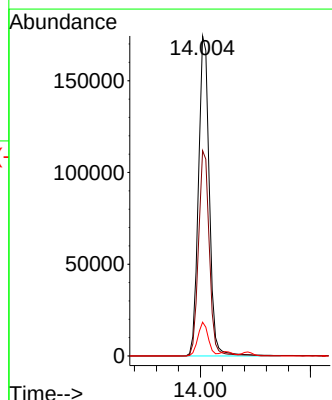
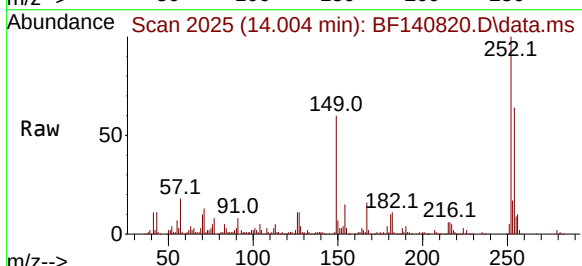
Tgt Ion:252 Resp: 239195

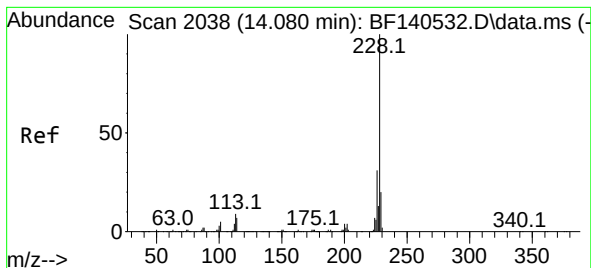
Ion Ratio Lower Upper

252 100

254 64.1 50.8 76.2

126 10.5 8.6 13.0





#83

Chrysene

Concen: 41.508 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

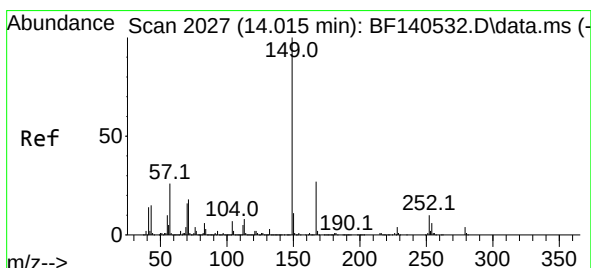
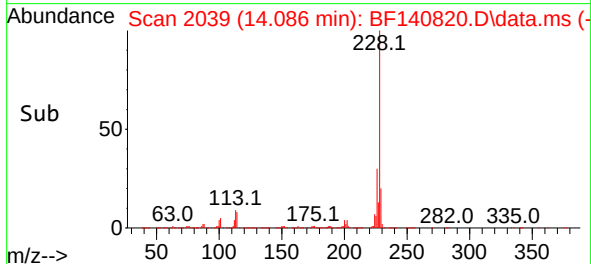
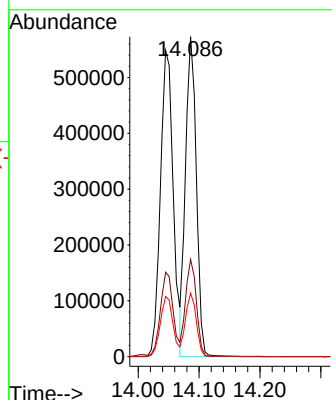
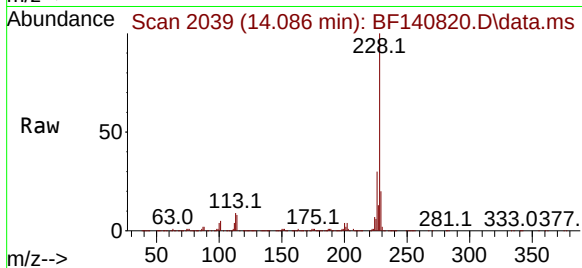
Tgt Ion:228 Resp: 708746

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.201 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

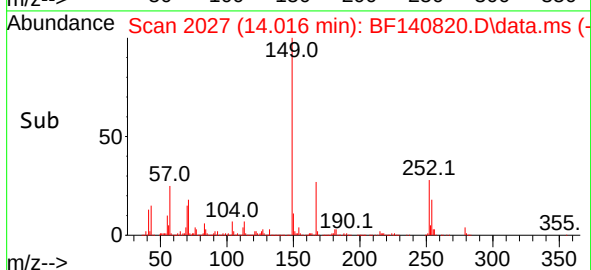
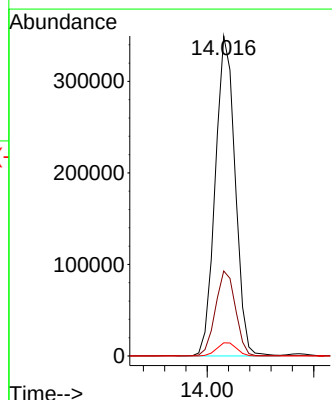
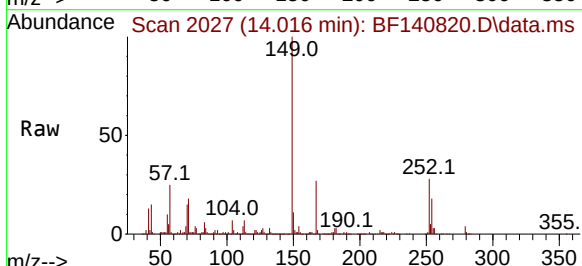
Tgt Ion:149 Resp: 453252

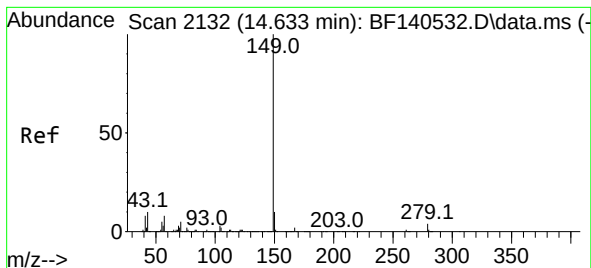
Ion Ratio Lower Upper

149 100

167 26.6 21.2 31.8

279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 36.632 ng

RT: 14.657 min Scan# 2136

Delta R.T. 0.024 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

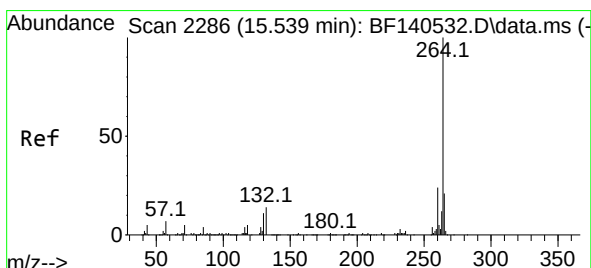
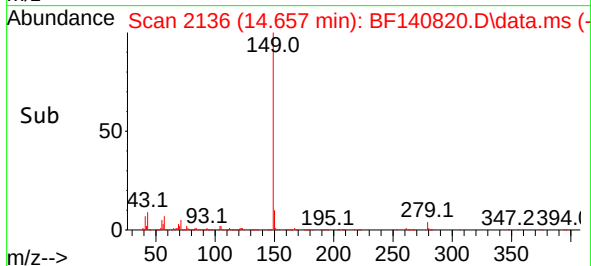
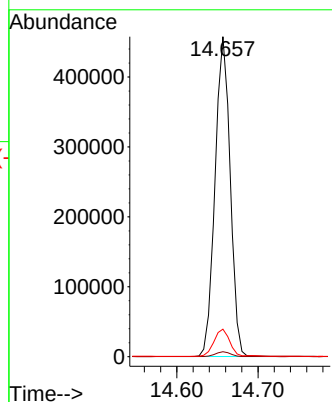
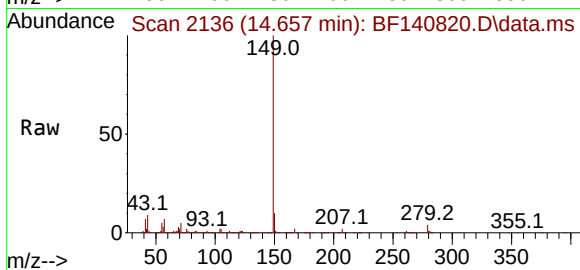
Tgt Ion:149 Resp: 593981

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.8 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.035 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

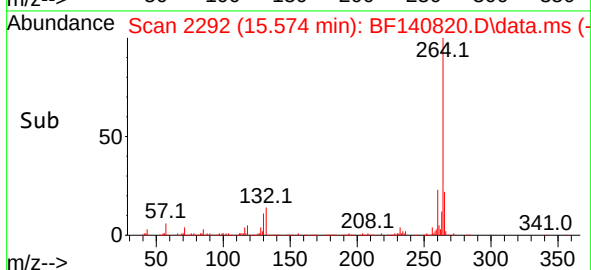
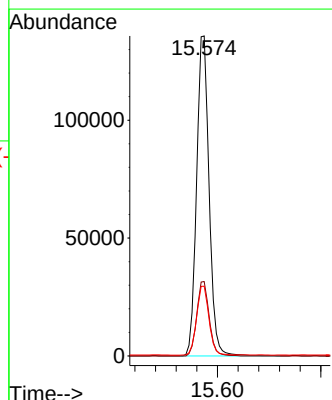
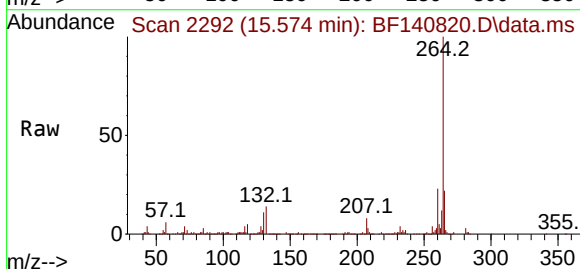
Tgt Ion:264 Resp: 227355

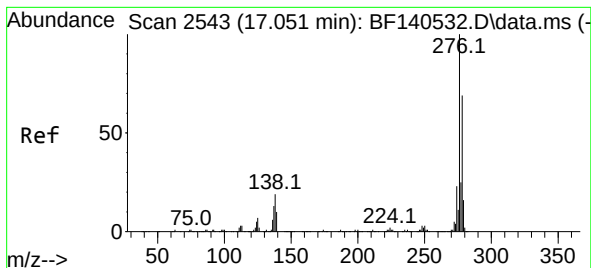
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.448 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

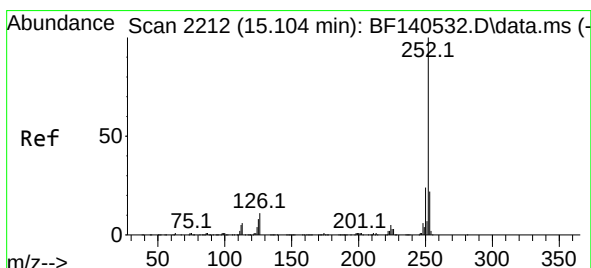
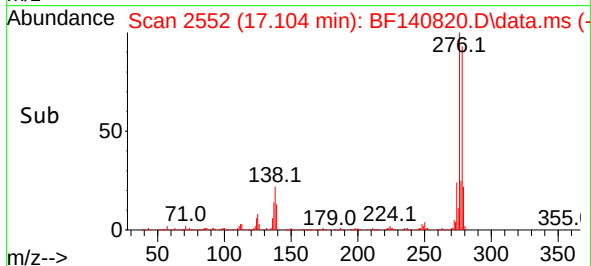
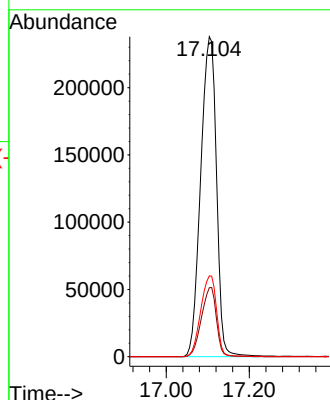
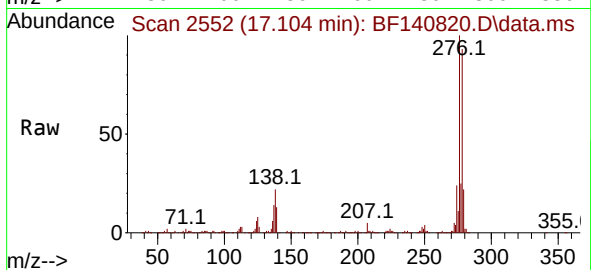
Tgt Ion:276 Resp: 628937

Ion Ratio Lower Upper

276 100

138 20.5 15.5 23.3

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 46.825 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.029 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

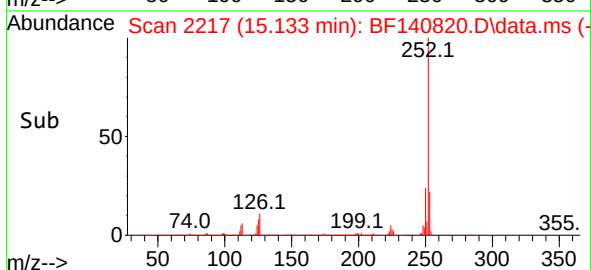
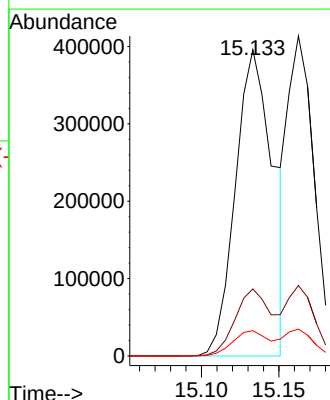
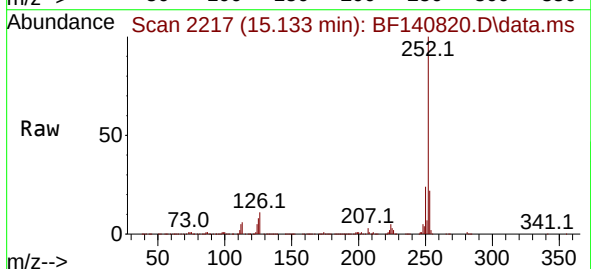
Tgt Ion:252 Resp: 668687

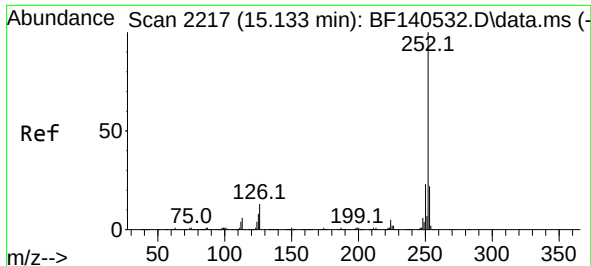
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.2 6.7 10.1

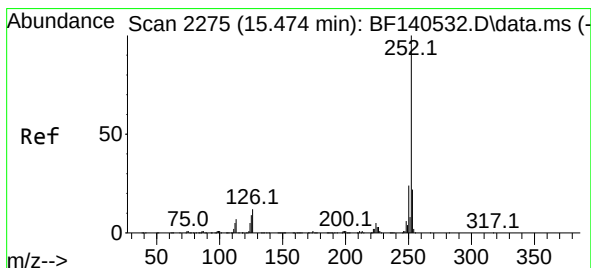
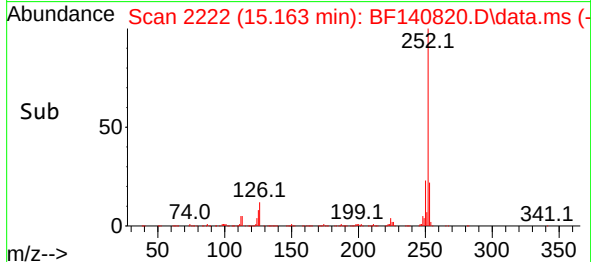
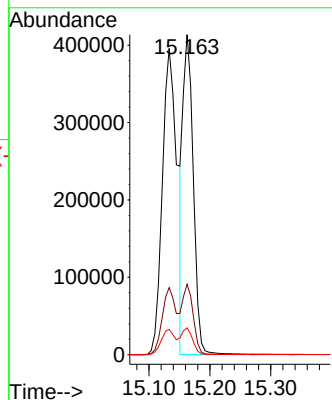
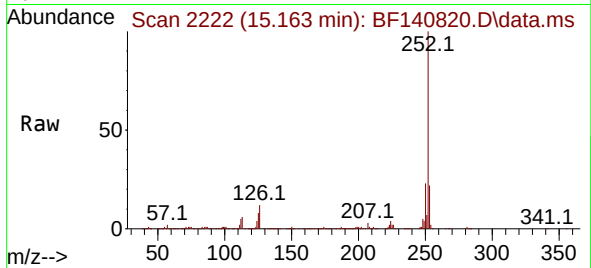




#89
Benzo(k)fluoranthene
Concen: 39.437 ng
RT: 15.163 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

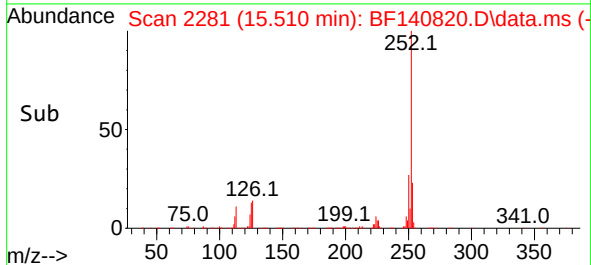
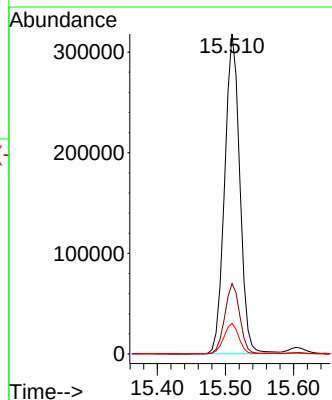
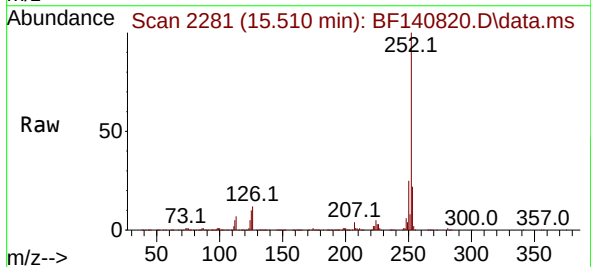
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

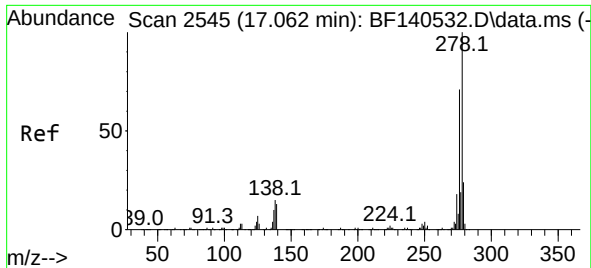
Tgt Ion:252 Resp: 492836
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.4 6.5 9.7



#90
Benzo(a)pyrene
Concen: 42.335 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.035 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:252 Resp: 491554
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.6 7.0 10.6

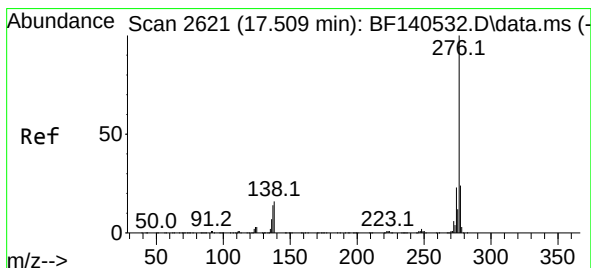
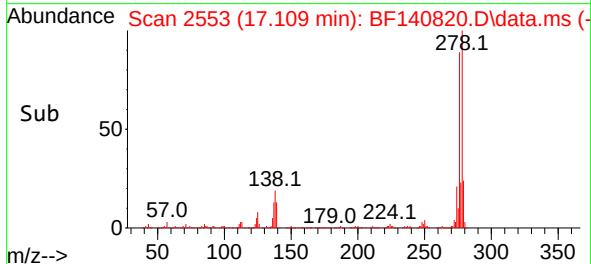
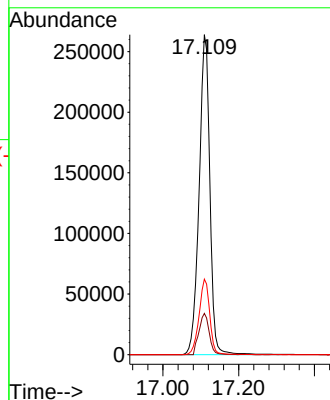
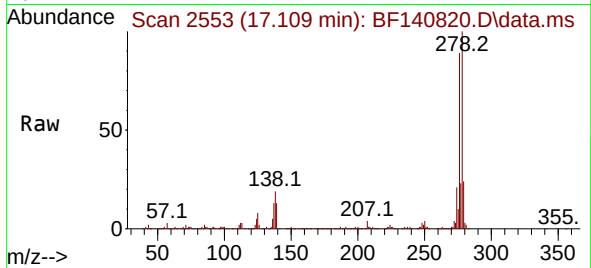




#91
Dibenzo(a,h)anthracene
Concen: 42.961 ng
RT: 17.109 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 521292
Ion Ratio Lower Upper
278 100
139 12.9 10.2 15.4
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 43.665 ng
RT: 17.562 min Scan# 2630
Delta R.T. 0.053 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:276 Resp: 540667
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 17.7 13.2 19.8

