

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102524\
 Data File : BF140030.D
 Acq On : 25 Oct 2024 11:41
 Operator : RC/JU
 Sample : PB164374BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164374BS

Quant Time: Oct 25 12:08:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	100886	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	391509	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	214233	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	384147	20.000	ng	0.00
76) Chrysene-d12	14.057	240	203575	20.000	ng	0.00
86) Perylene-d12	15.533	264	193759	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	793076	123.065	ng	0.02
7) Phenol-d6	6.516	99	1003446	120.223	ng	0.00
23) Nitrobenzene-d5	7.451	82	661673	93.669	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	300787	150.103	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1184155	91.351	ng	0.00
79) Terphenyl-d14	12.998	244	1268534	101.538	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	107805	35.879	ng	97
3) Pyridine	3.528	79	288257	38.704	ng	97
4) n-Nitrosodimethylamine	3.481	42	173005	43.236	ng	95
6) Aniline	6.551	93	318952	41.003	ng	100
8) 2-Chlorophenol	6.675	128	312031	47.363	ng	97
9) Benzaldehyde	6.439	77	64105	13.653	ng	98
10) Phenol	6.528	94	397024	46.140	ng	94
11) bis(2-Chloroethyl)ether	6.628	93	286888	43.135	ng	99
12) 1,3-Dichlorobenzene	6.834	146	335607	44.377	ng	100
13) 1,4-Dichlorobenzene	6.910	146	339755	44.968	ng	99
14) 1,2-Dichlorobenzene	7.057	146	328181	46.540	ng	99
15) Benzyl Alcohol	7.028	79	290610	47.466	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	466707	41.153	ng	96
17) 2-Methylphenol	7.139	107	251978	44.854	ng	97
18) Hexachloroethane	7.404	117	124151	46.079	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	223903	44.231	ng	96
20) 3+4-Methylphenols	7.292	107	316250	44.013	ng	# 77
22) Acetophenone	7.298	105	431047	44.951	ng	99
24) Nitrobenzene	7.475	77	344463	44.476	ng	100
25) Isophorone	7.710	82	606860	45.263	ng	99
26) 2-Nitrophenol	7.786	139	160329	54.874	ng	98
27) 2,4-Dimethylphenol	7.822	122	254983	52.337	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	352686	43.418	ng	99
29) 2,4-Dichlorophenol	8.028	162	257196	46.348	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	273240	44.499	ng	98
31) Naphthalene	8.192	128	904628	44.802	ng	100
32) Benzoic acid	7.934	122	182063	42.846	ng	99
33) 4-Chloroaniline	8.239	127	142823	20.744	ng	97
34) Hexachlorobutadiene	8.310	225	178831	46.353	ng	100
35) Caprolactam	8.610	113	54436	30.851	ng	90
36) 4-Chloro-3-methylphenol	8.716	107	282495	45.974	ng	100
37) 2-Methylnaphthalene	8.886	142	569838	46.080	ng	100
38) 1-Methylnaphthalene	8.986	142	527797	43.502	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	269898	46.698	ng	98
41) Hexachlorocyclopentadiene	9.039	237	372714	185.333	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	199578	48.773	ng	100

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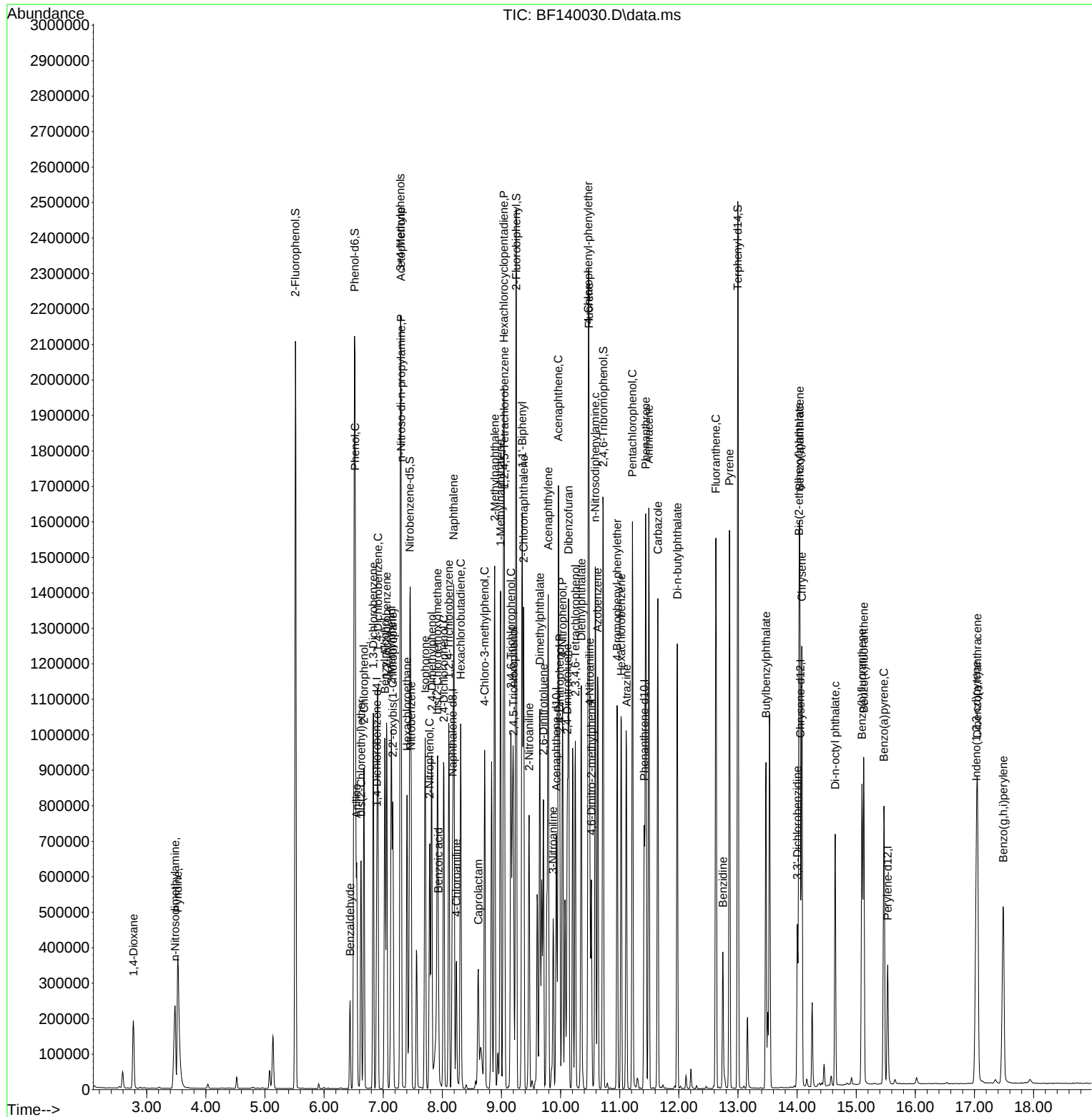
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	198949	47.125	ng	98
46) 1,1'-Biphenyl	9.351	154	685910	45.992	ng	99
47) 2-Chloronaphthalene	9.375	162	545380	45.404	ng	99
48) 2-Nitroaniline	9.469	65	188650	51.351	ng	94
49) Acenaphthylene	9.792	152	857267	49.366	ng	100
50) Dimethylphthalate	9.651	163	619174	46.401	ng	100
51) 2,6-Dinitrotoluene	9.710	165	137924	47.737	ng	99
52) Acenaphthene	9.963	154	604239	53.789	ng	100
53) 3-Nitroaniline	9.875	138	94828	31.826	ng	98
54) 2,4-Dinitrophenol	9.986	184	155861	125.771	ng	# 1
55) Dibenzofuran	10.133	168	754314	46.801	ng	99
56) 4-Nitrophenol	10.033	139	236075	102.985	ng	94
57) 2,4-Dinitrotoluene	10.116	165	191515	53.902	ng	98
58) Fluorene	10.480	166	577977	47.082	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	165825	50.105	ng	99
60) Diethylphthalate	10.351	149	597533	45.606	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	287843	46.431	ng	99
62) 4-Nitroaniline	10.492	138	144160	51.228	ng	95
63) Azobenzene	10.627	77	614092	44.211	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	104261	66.539	ng	94
66) n-Nitrosodiphenylamine	10.586	169	527823	45.908	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	183825	46.450	ng	99
68) Hexachlorobenzene	11.027	284	210019	47.187	ng	97
69) Atrazine	11.116	200	170592	54.774	ng	99
70) Pentachlorophenol	11.216	266	260905	96.588	ng	100
71) Phenanthrene	11.439	178	858420	47.308	ng	100
72) Anthracene	11.492	178	872145	49.262	ng	100
73) Carbazole	11.645	167	775573	47.103	ng	99
74) Di-n-butylphthalate	11.974	149	873378	45.912	ng	100
75) Fluoranthene	12.627	202	881421	48.050	ng	99
77) Benzidine	12.745	184	210534	62.894	ng	99
78) Pyrene	12.857	202	895090	50.231	ng	100
80) Butylbenzylphthalate	13.474	149	290878	54.448	ng	97
81) Benzo(a)anthracene	14.045	228	663969	50.103	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	135101	34.965	ng	99
83) Chrysene	14.080	228	603436	49.663	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	316605	52.822	ng	99
85) Di-n-octyl phthalate	14.645	149	452867	41.540	ng	98
87) Indeno(1,2,3-cd)pyrene	17.033	276	640442	51.379	ng	97
88) Benzo(b)fluoranthene	15.098	252	582607	49.361	ng	99
89) Benzo(k)fluoranthene	15.127	252	466644	45.843	ng	99
90) Benzo(a)pyrene	15.468	252	505655	52.066	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	520633	50.068	ng	98
92) Benzo(g,h,i)perylene	17.486	276	501438	48.276	ng	96

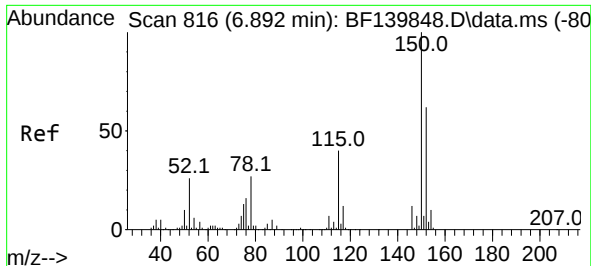
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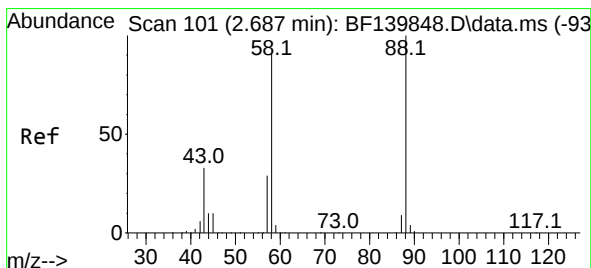
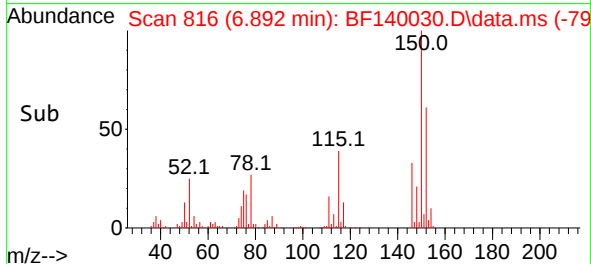
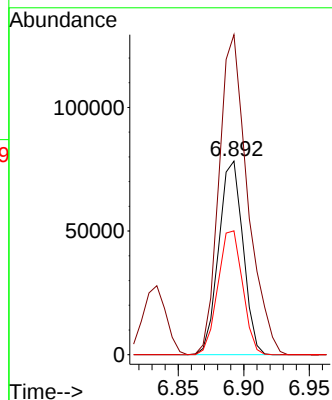
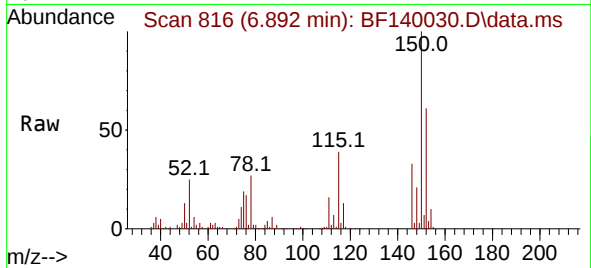




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

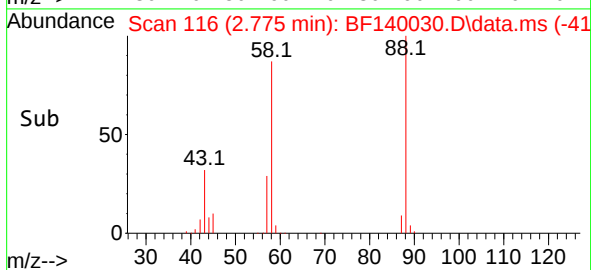
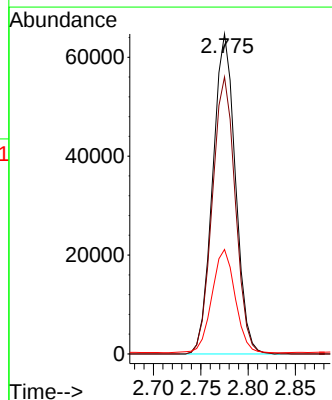
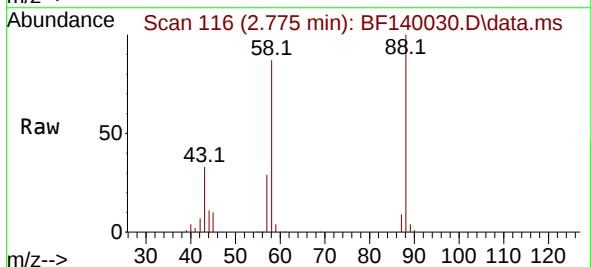
Instrument :
BNA_F
ClientSampleId :
PB164374BS

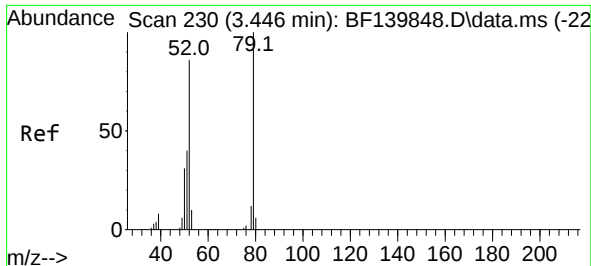
Tgt Ion:152 Resp: 100886
Ion Ratio Lower Upper
152 100
150 165.2 130.2 195.2
115 63.9 51.4 77.2



#2
1,4-Dioxane
Concen: 35.879 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.088 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion: 88 Resp: 107805
Ion Ratio Lower Upper
88 100
58 87.8 73.3 109.9
43 33.1 27.1 40.7





#3

Pyridine

Concen: 38.704 ng

RT: 3.528 min Scan# 24

Delta R.T. 0.082 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

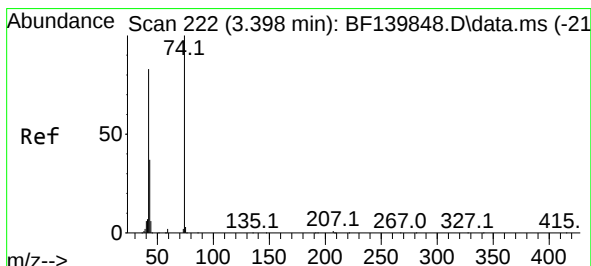
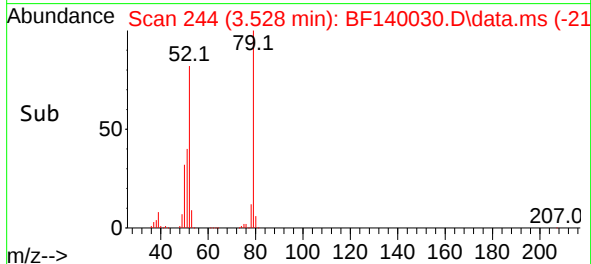
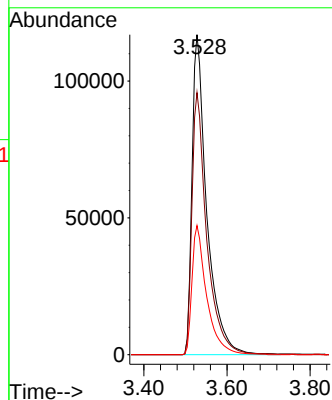
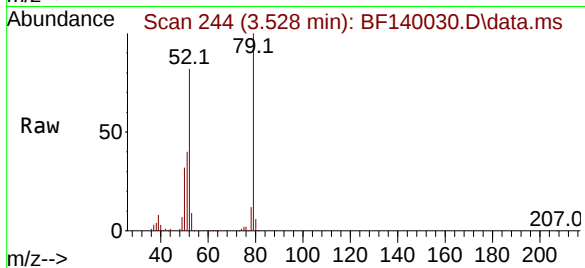
Tgt Ion: 79 Resp: 288257

Ion Ratio Lower Upper

79 100

52 81.9 68.5 102.7

51 40.3 32.3 48.5



#4

n-Nitrosodimethylamine

Concen: 43.236 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.082 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

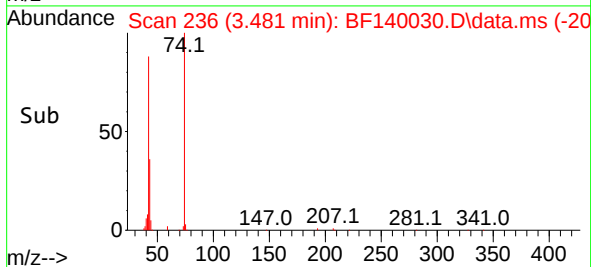
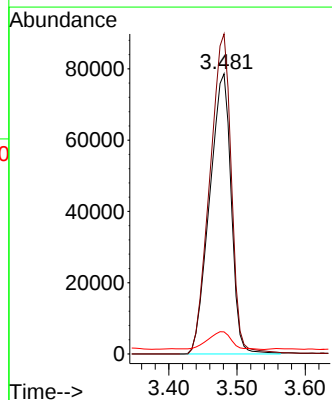
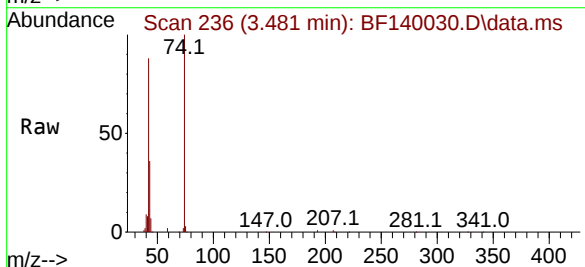
Tgt Ion: 42 Resp: 173005

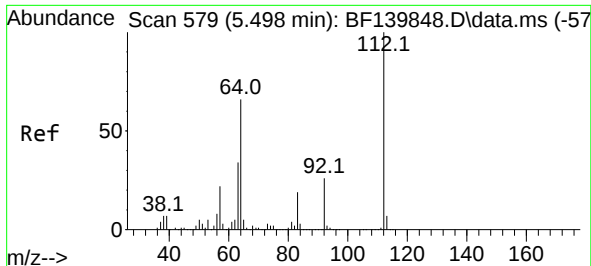
Ion Ratio Lower Upper

42 100

74 114.2 96.2 144.4

44 7.9 6.2 9.2

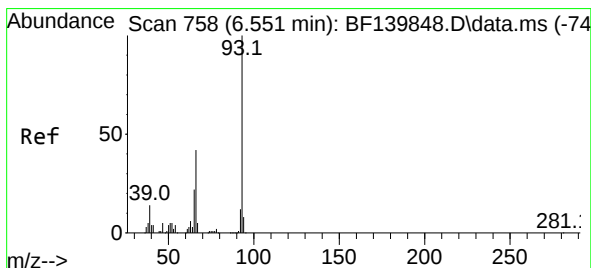
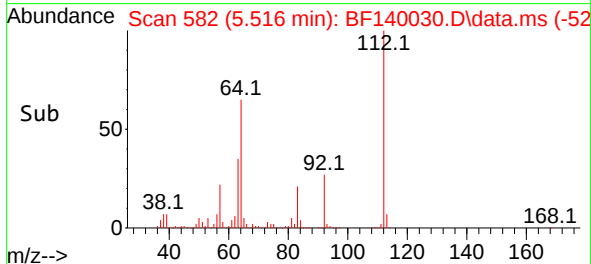
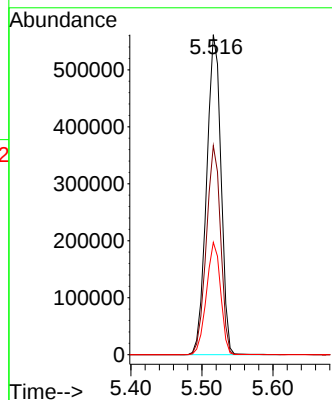
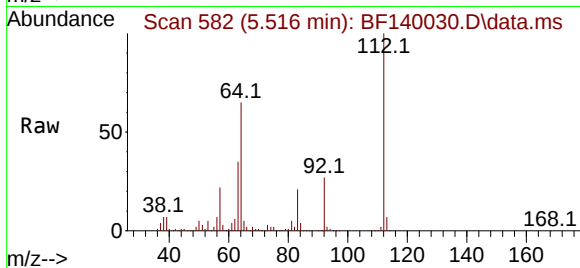




#5
2-Fluorophenol
Concen: 123.065 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF140030.D
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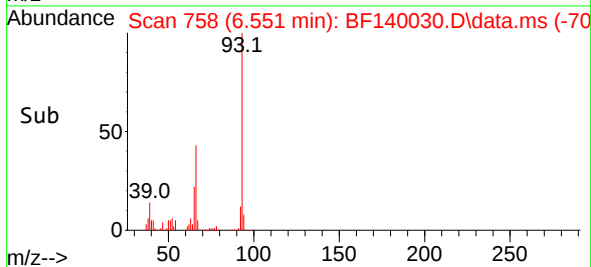
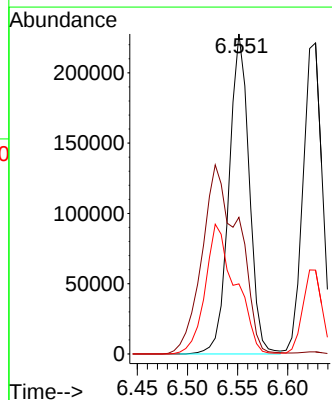
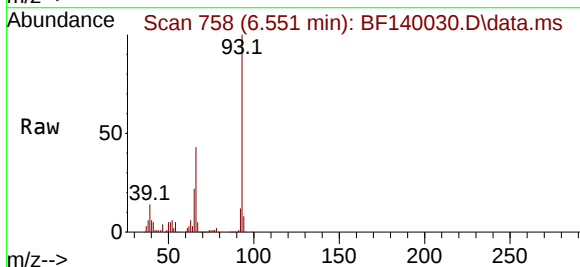
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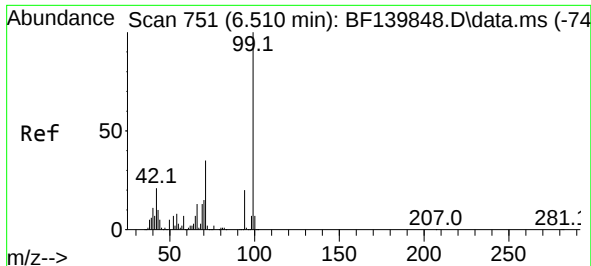
Tgt Ion:112 Resp: 793076
Ion Ratio Lower Upper
112 100
64 65.3 53.0 79.6
63 35.1 27.0 40.4



#6
Aniline
Concen: 41.003 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion: 93 Resp: 318952
Ion Ratio Lower Upper
93 100
66 42.7 34.0 51.0
65 21.9 17.4 26.0

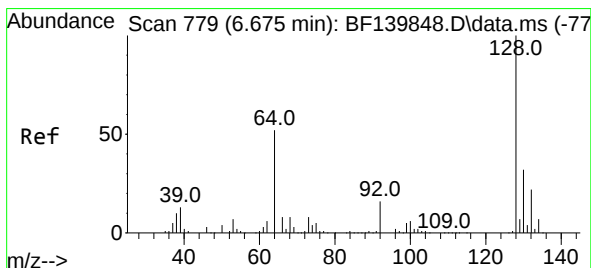
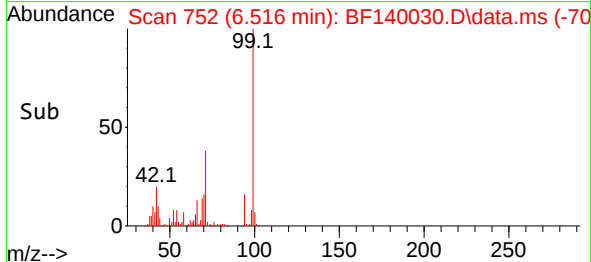
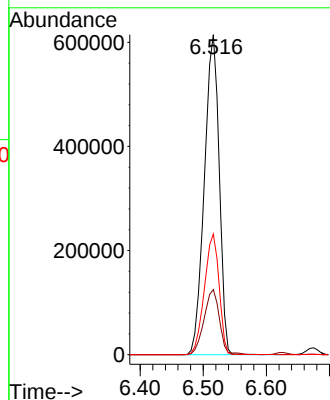
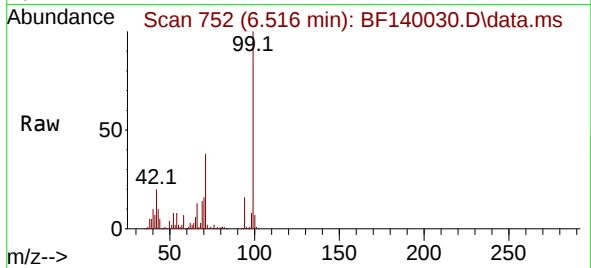




#7
Phenol-d6
Concen: 120.223 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF140030.D
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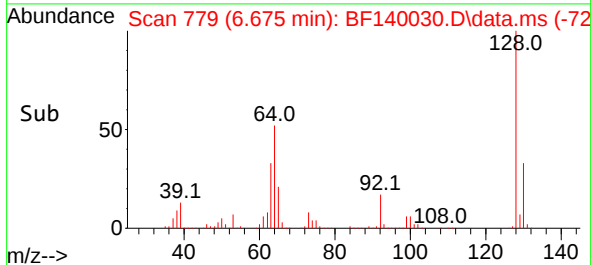
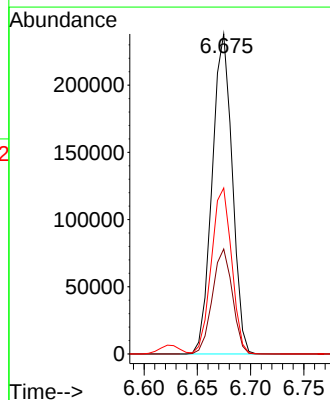
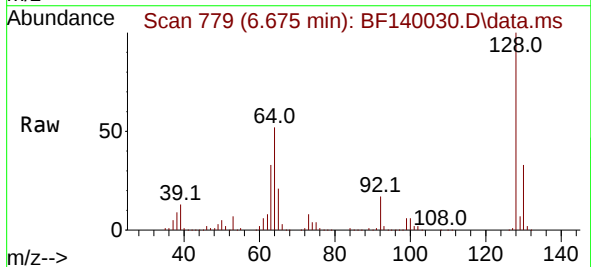
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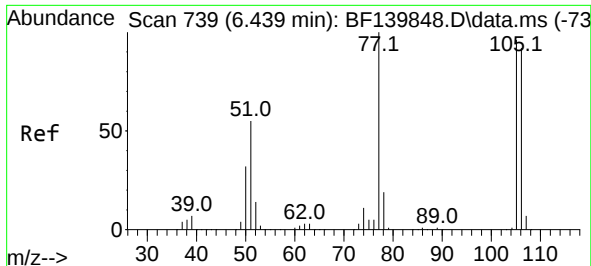
Tgt Ion: 99 Resp: 1003446
Ion Ratio Lower Upper
99 100
42 20.3 16.7 25.1
71 37.7 27.7 41.5



#8
2-Chlorophenol
Concen: 47.363 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF140030.D
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Tgt Ion: 128 Resp: 312031
Ion Ratio Lower Upper
128 100
130 32.8 12.3 52.3
64 51.8 34.6 74.6

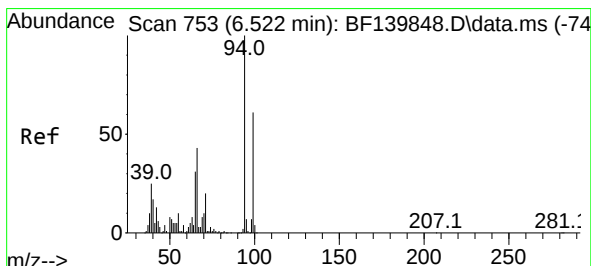
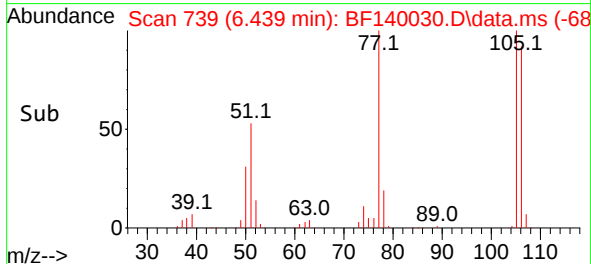
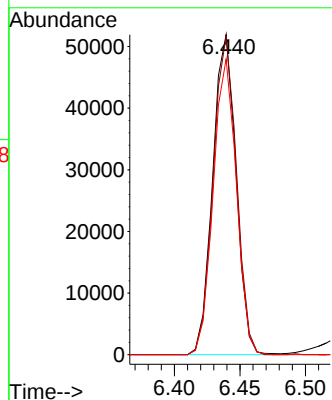
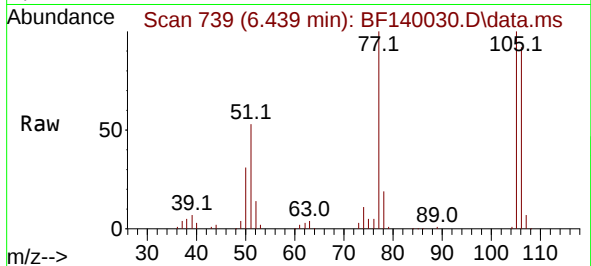




#9
Benzaldehyde
Concen: 13.653 ng
RT: 6.439 min Scan# 710
Delta R.T. 0.000 min
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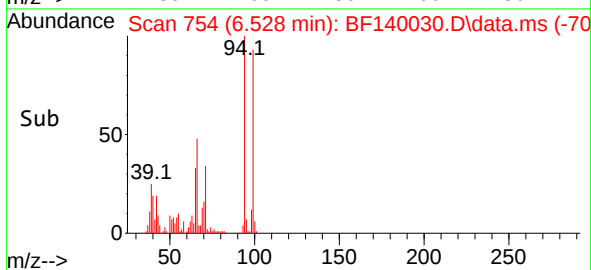
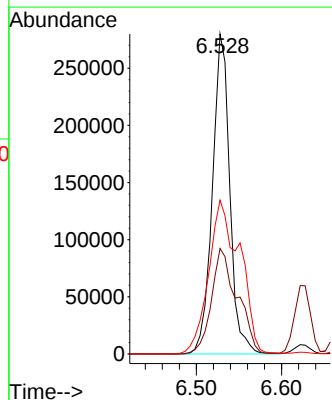
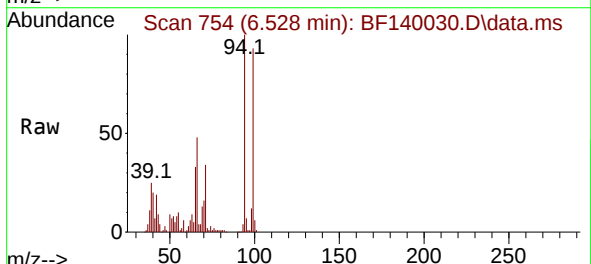
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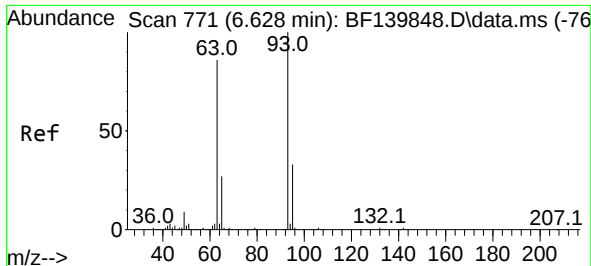
Tgt Ion: 77	Resp: 64105
Ion Ratio	Lower Upper
77	100
105	99.5 75.5 115.5
106	92.4 71.7 111.7



#10
Phenol
Concen: 46.140 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion: 94	Resp: 397024
Ion Ratio	Lower Upper
94	100
65	33.0 11.1 51.1
66	48.0 22.7 62.7





#11

bis(2-Chloroethyl)ether

Concen: 43.135 ng

RT: 6.628 min Scan# 771

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

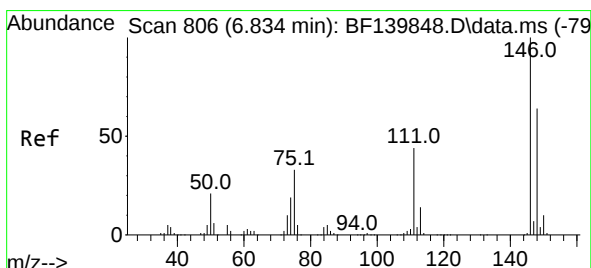
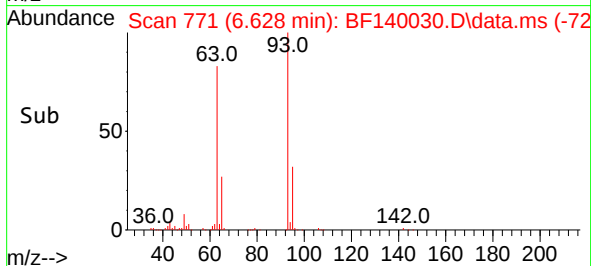
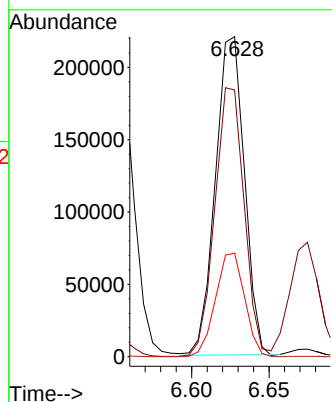
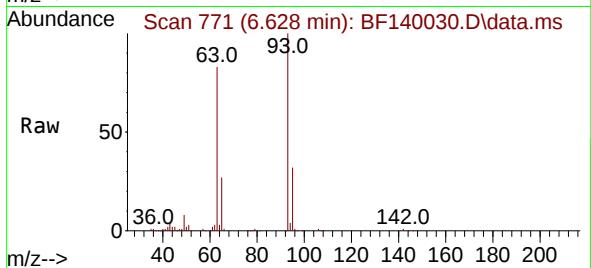
Tgt Ion: 93 Resp: 286888

Ion Ratio Lower Upper

93 100

63 83.4 65.0 105.0

95 32.3 12.4 52.4



#12

1,3-Dichlorobenzene

Concen: 44.377 ng

RT: 6.834 min Scan# 806

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

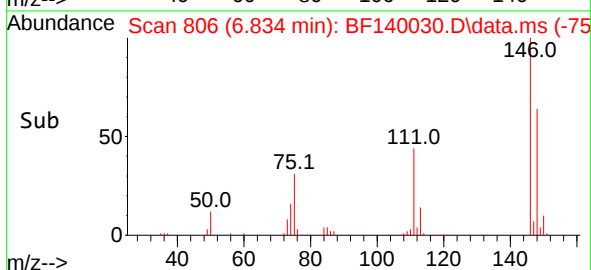
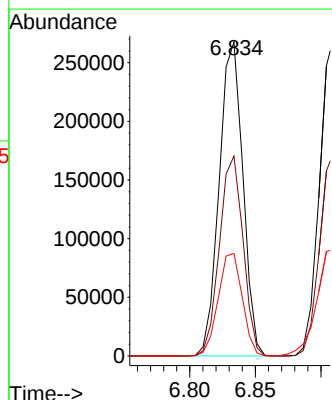
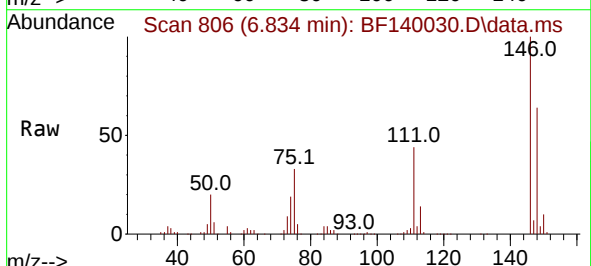
Tgt Ion: 146 Resp: 335607

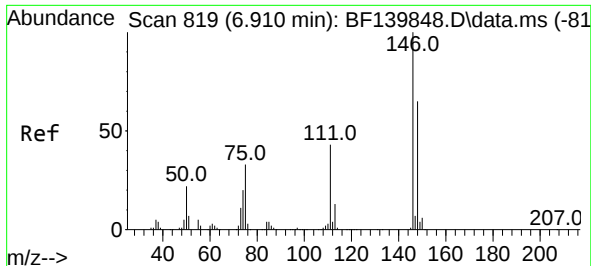
Ion Ratio Lower Upper

146 100

148 63.6 51.0 76.4

75 32.7 26.4 39.6

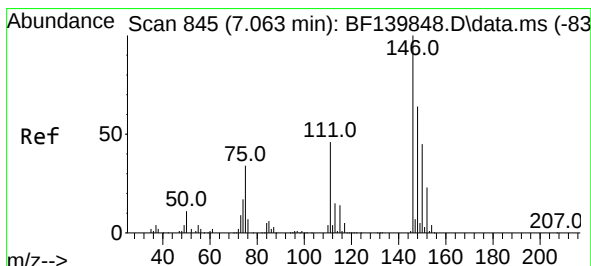
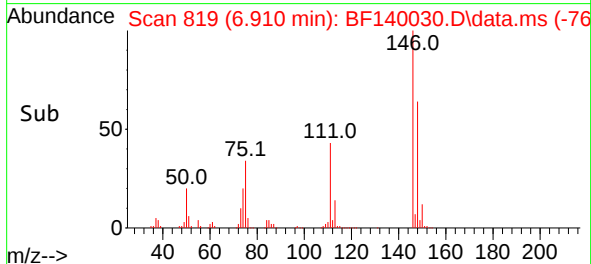
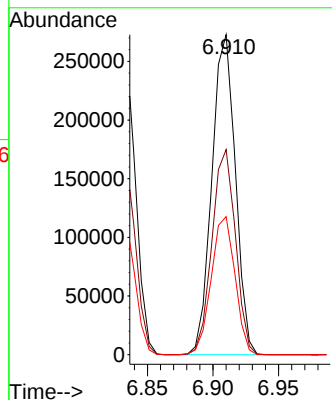
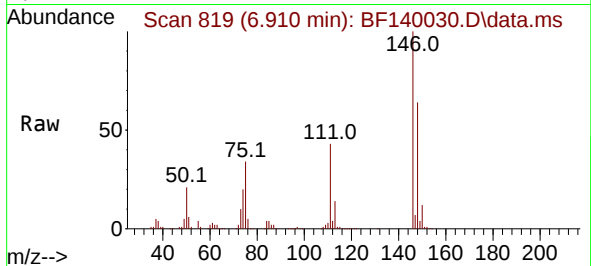




#13
1,4-Dichlorobenzene
Concen: 44.968 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

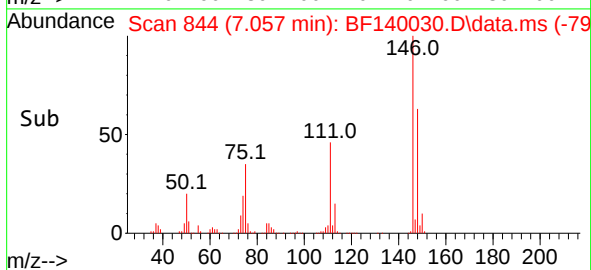
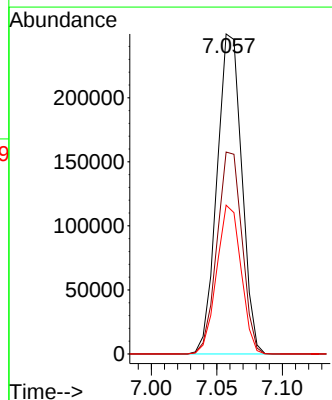
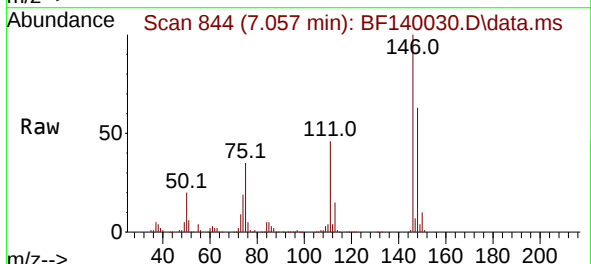
Instrument :
BNA_F
ClientSampleId :
PB164374BS

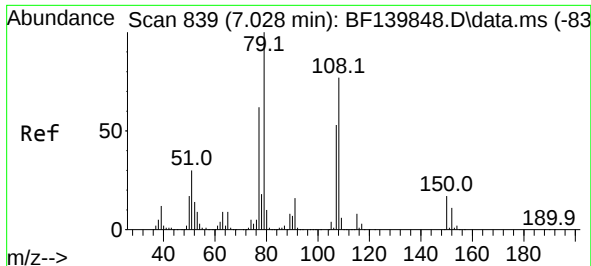
Tgt Ion:146 Resp: 339755
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 43.1 34.6 51.8



#14
1,2-Dichlorobenzene
Concen: 46.540 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:146 Resp: 328181
Ion Ratio Lower Upper
146 100
148 63.1 51.4 77.2
111 46.5 36.7 55.1

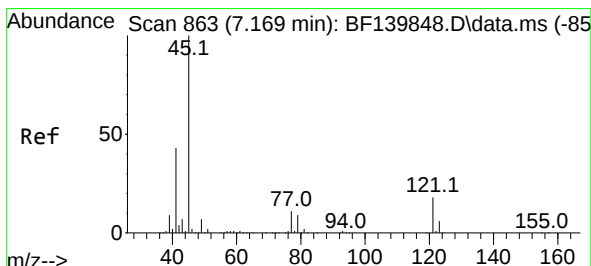
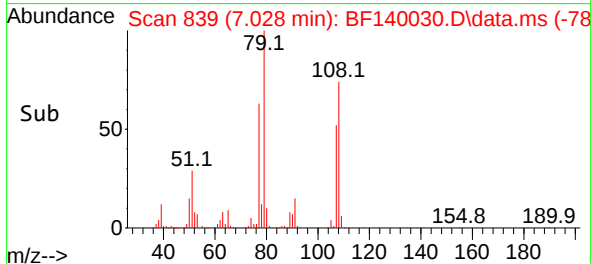
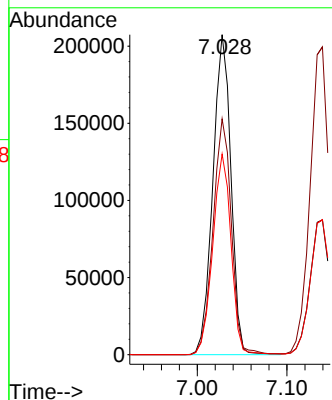
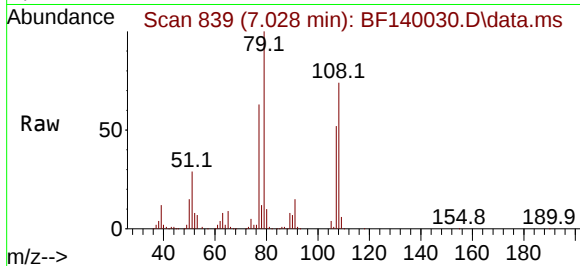




#15
Benzyl Alcohol
Concen: 47.466 ng
RT: 7.028 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

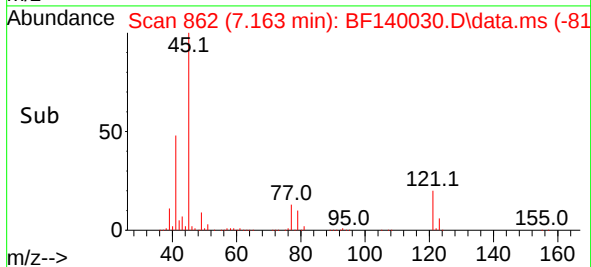
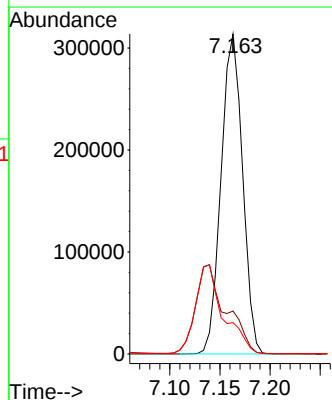
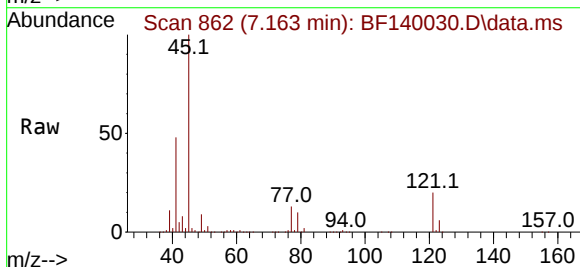
Instrument :
BNA_F
ClientSampleId :
PB164374BS

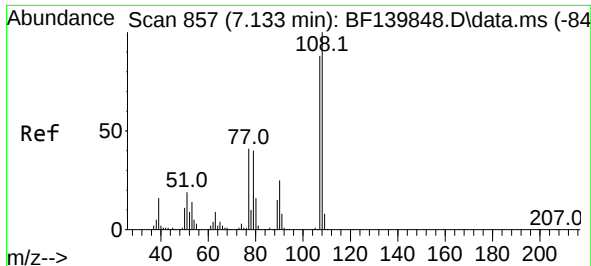
Tgt Ion: 79 Resp: 290610
Ion Ratio Lower Upper
79 100
108 73.7 61.4 92.0
77 62.7 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.153 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion: 45 Resp: 466707
Ion Ratio Lower Upper
45 100
77 13.4 0.0 31.5
79 9.8 0.0 29.1

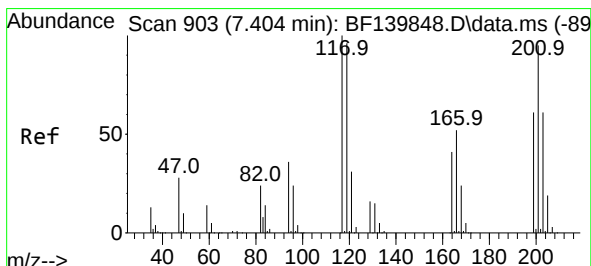
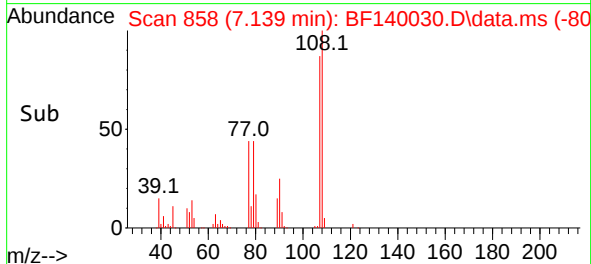
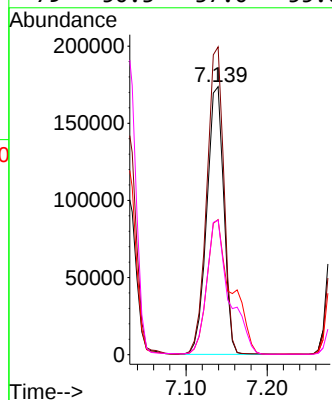
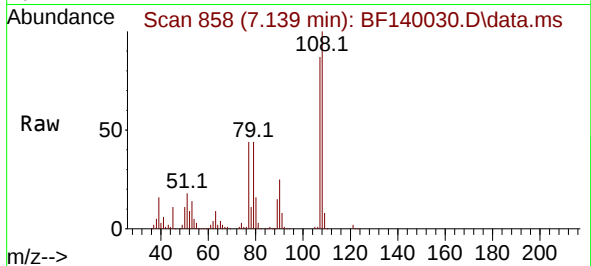




#17
2-Methylphenol
Concen: 44.854 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

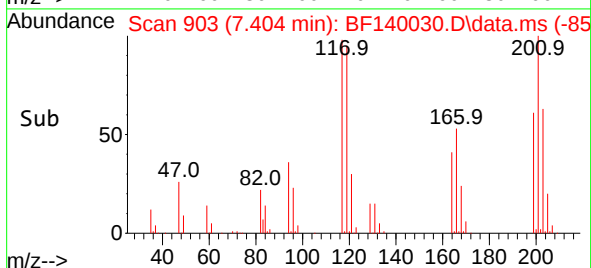
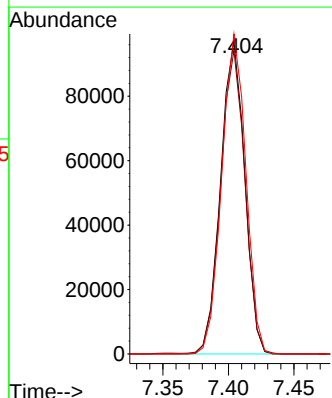
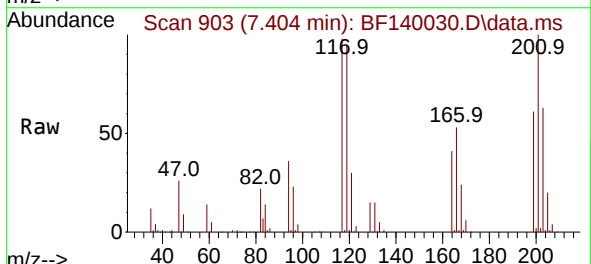
Instrument :
BNA_F
ClientSampleId :
PB164374BS

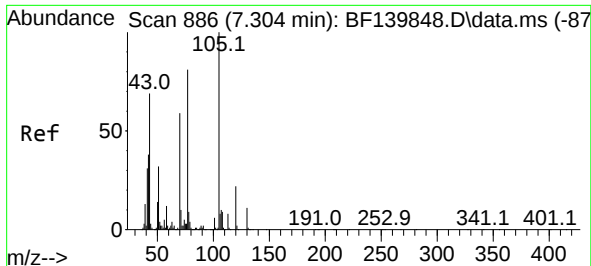
Tgt Ion:	107	Resp:	251978
Ion	Ratio	Lower	Upper
107	100		
108	114.9	91.3	136.9
77	50.4	37.1	55.7
79	50.3	37.0	55.6



#18
Hexachloroethane
Concen: 46.079 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:	117	Resp:	124151
Ion	Ratio	Lower	Upper
117	100		
119	97.1	77.0	115.4
201	102.4	76.2	114.4



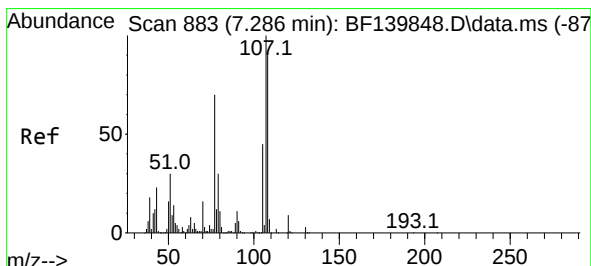
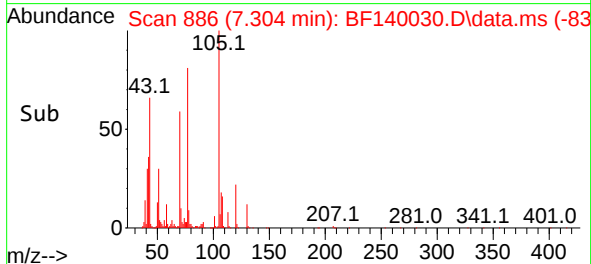
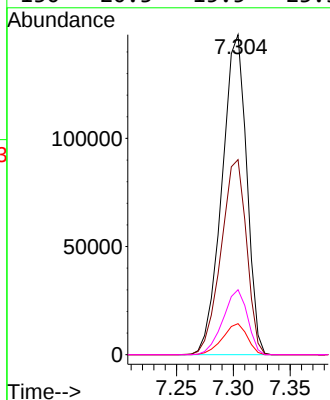
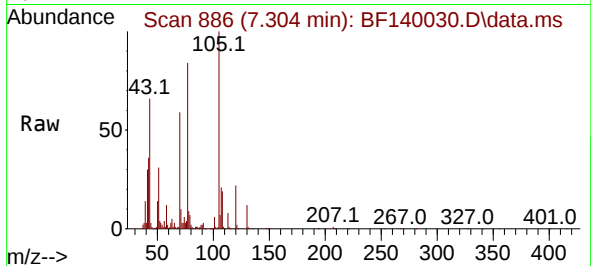


#19
n-Nitroso-di-n-propylamine
Concen: 44.231 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :
BNA_F
ClientSampleId :
PB164374BS

Tgt Ion: 70 Resp: 223903

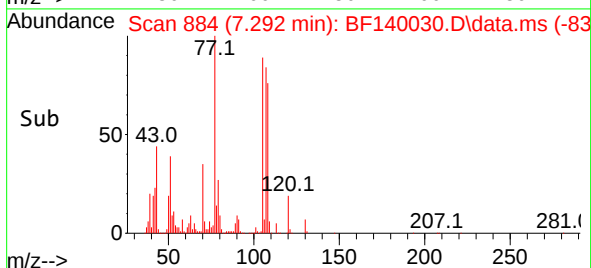
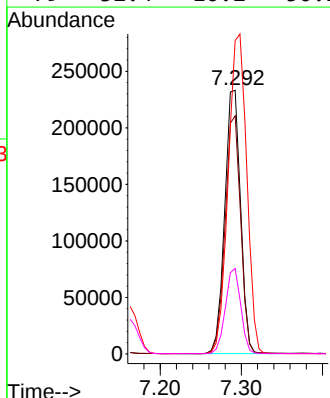
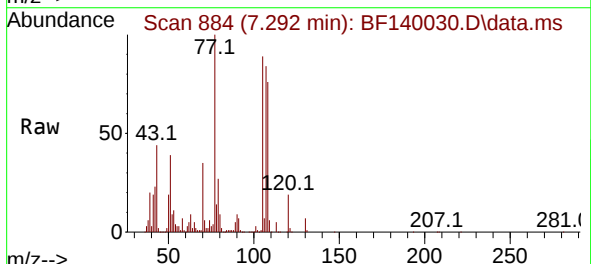
Ion	Ratio	Lower	Upper
70	100		
42	60.9	51.5	77.3
101	9.7	7.5	11.3
130	20.3	15.5	23.3

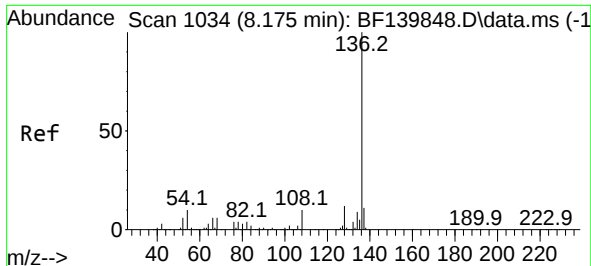


#20
3+4-Methylphenols
Concen: 44.013 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion: 107 Resp: 316250

Ion	Ratio	Lower	Upper
107	100		
108	90.3	69.8	109.8
77	118.8	50.5	90.5#
79	32.4	10.2	50.2



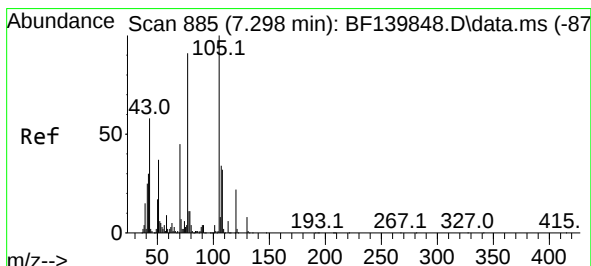
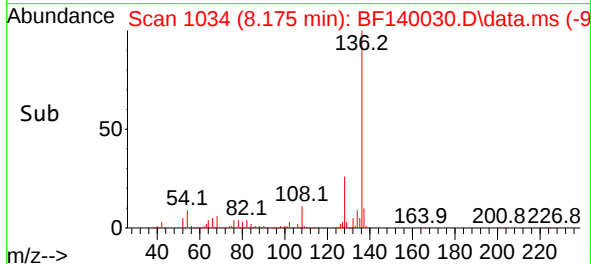
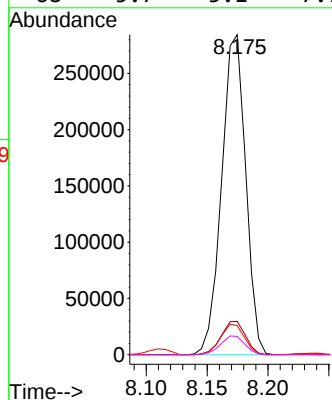
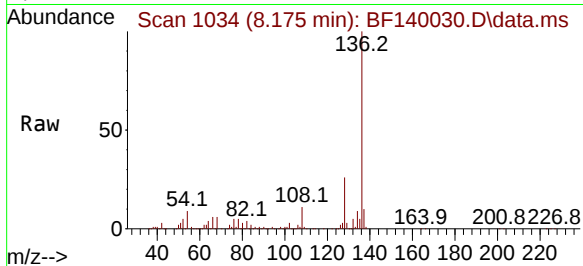


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Instrument :
BNA_F
ClientSampleId :
PB164374BS

Tgt Ion:136 Resp: 391509

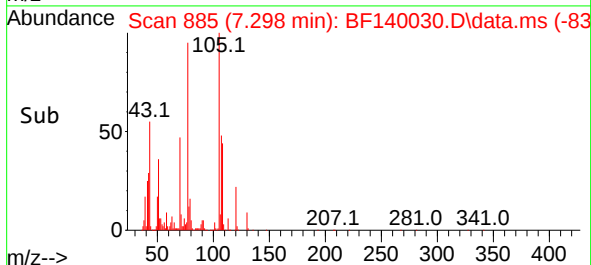
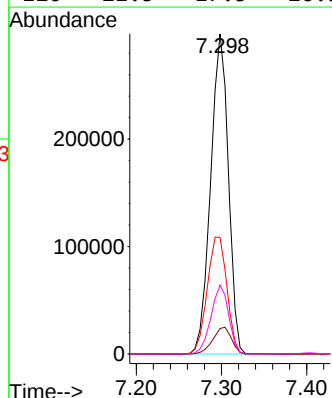
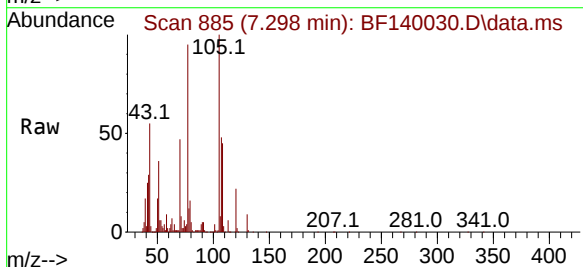
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.6	12.8
54	9.1	8.4	12.6
68	5.7	5.1	7.7

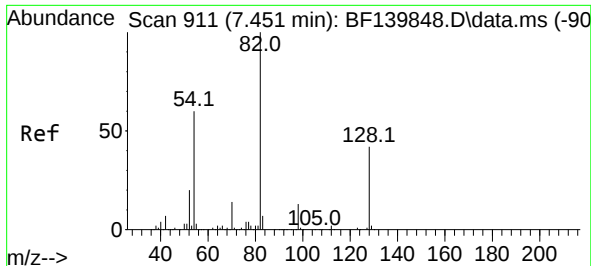


#22
Acetophenone
Concen: 44.951 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:105 Resp: 431047

Ion	Ratio	Lower	Upper
105	100		
71	7.9	5.9	8.9
51	36.4	29.4	44.2
120	21.5	17.5	26.3





#23

Nitrobenzene-d5

Concen: 93.669 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

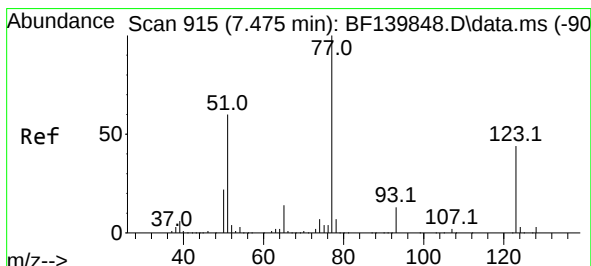
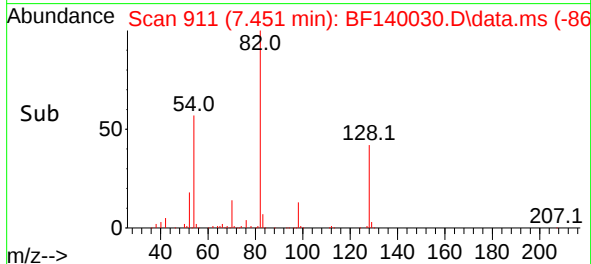
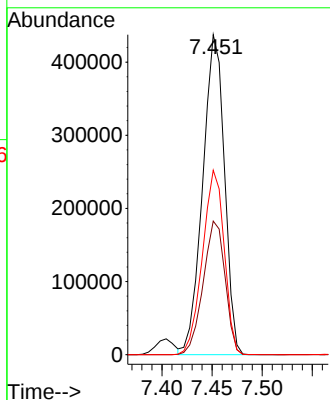
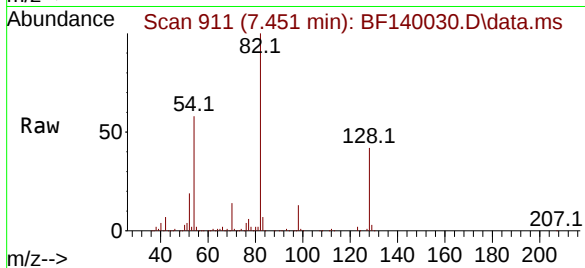
Tgt Ion: 82 Resp: 661673

Ion Ratio Lower Upper

82 100

128 41.7 33.4 50.0

54 57.7 47.8 71.8



#24

Nitrobenzene

Concen: 44.476 ng

RT: 7.475 min Scan# 915

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

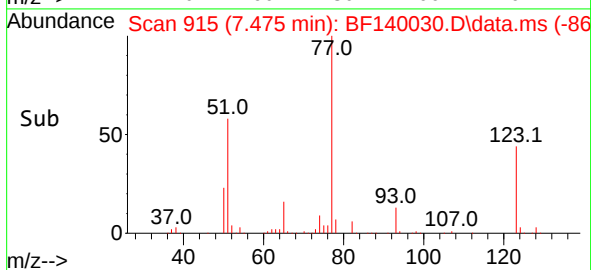
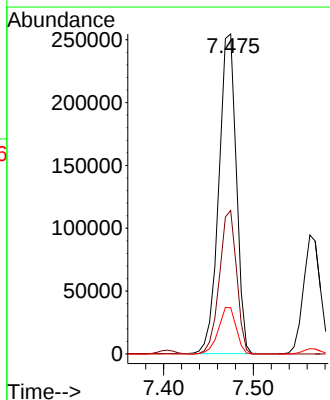
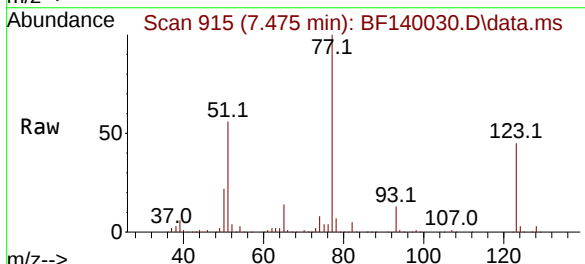
Tgt Ion: 77 Resp: 344463

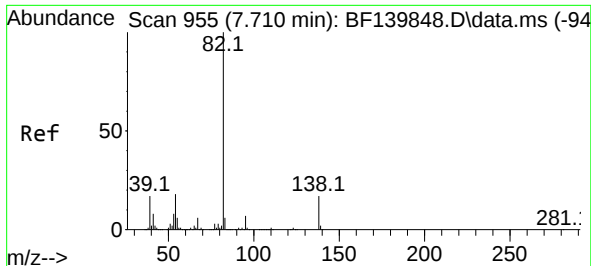
Ion Ratio Lower Upper

77 100

123 44.8 35.7 53.5

65 14.5 11.5 17.3

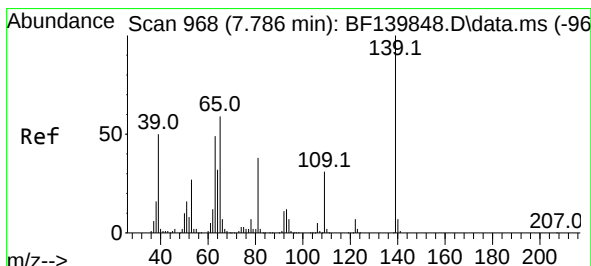
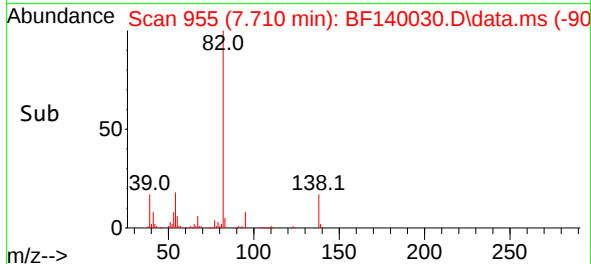
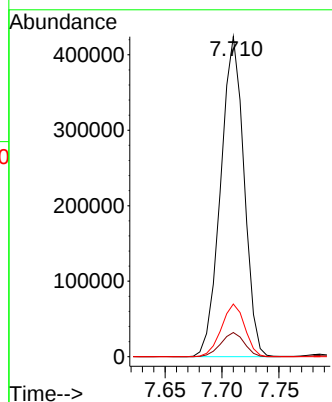
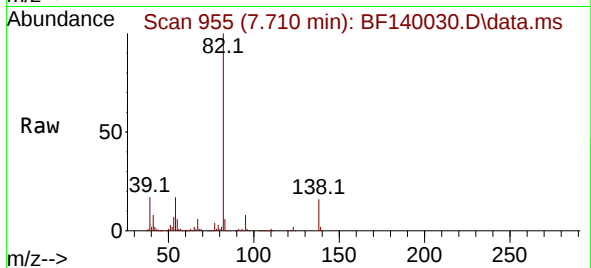




#25
Isophorone
Concen: 45.263 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

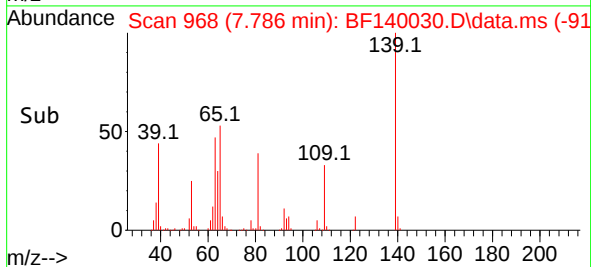
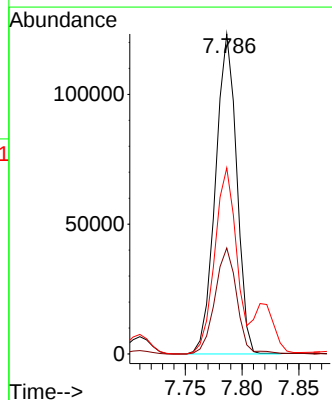
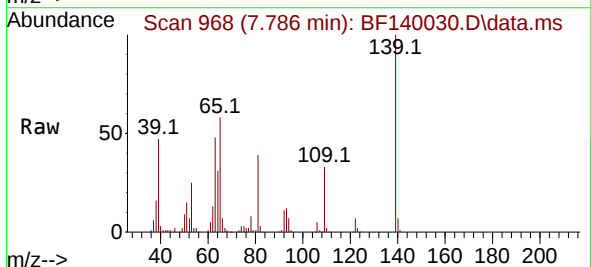
Instrument :
BNA_F
ClientSampleId :
PB164374BS

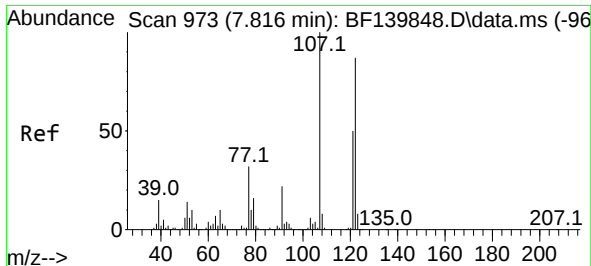
Tgt Ion: 82 Resp: 606860
Ion Ratio Lower Upper
82 100
95 7.6 5.5 8.3
138 16.5 13.2 19.8



#26
2-Nitrophenol
Concen: 54.874 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:139 Resp: 160329
Ion Ratio Lower Upper
139 100
109 33.1 25.1 37.7
65 58.1 47.5 71.3

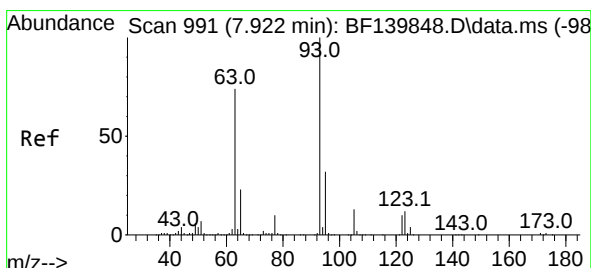
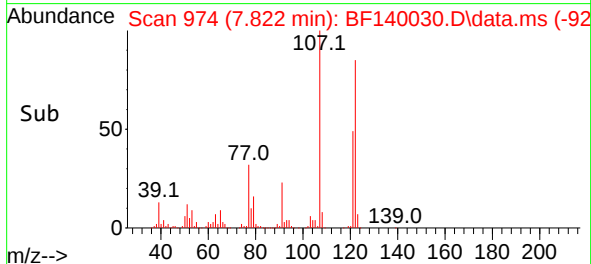
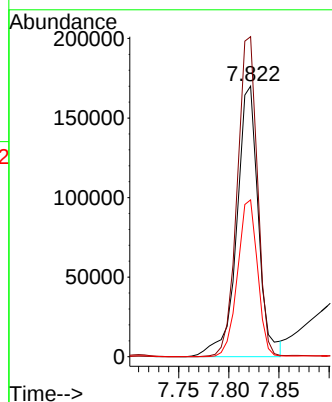
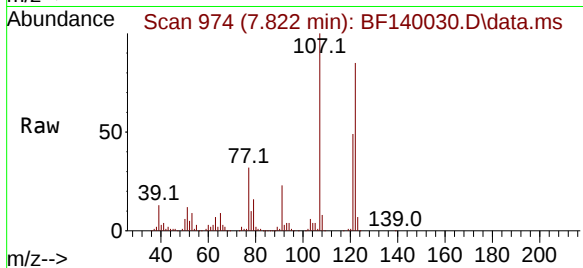




#27
2,4-Dimethylphenol
Concen: 52.337 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

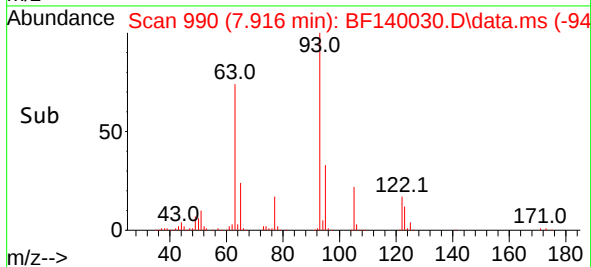
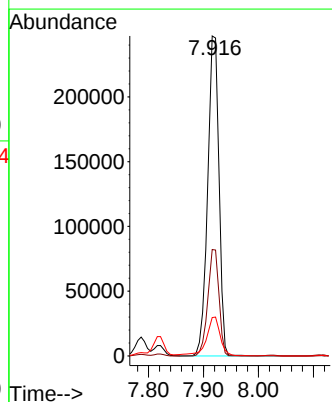
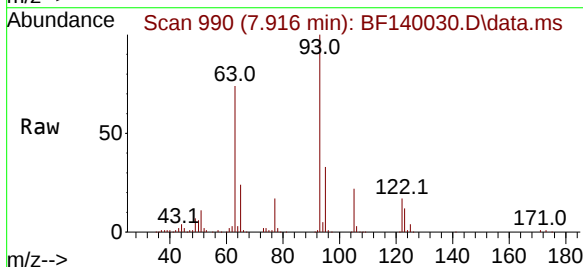
Instrument :
BNA_F
ClientSampleId :
PB164374BS

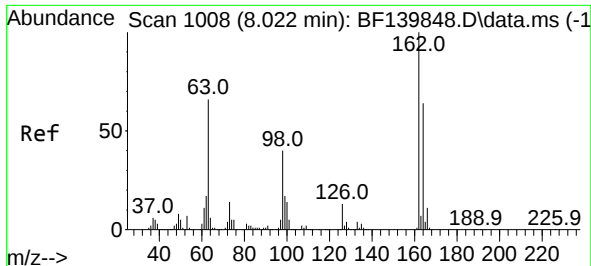
Tgt Ion:122 Resp: 254983
Ion Ratio Lower Upper
122 100
107 118.2 91.9 137.9
121 57.9 46.2 69.4



#28
bis(2-Chloroethoxy)methane
Concen: 43.418 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion: 93 Resp: 352686
Ion Ratio Lower Upper
93 100
95 33.2 26.0 39.0
123 12.0 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 46.348 ng

RT: 8.028 min Scan# 1009

Delta R.T. 0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

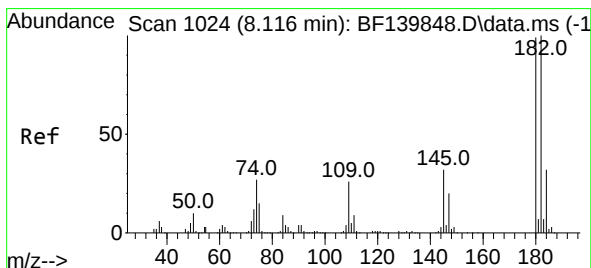
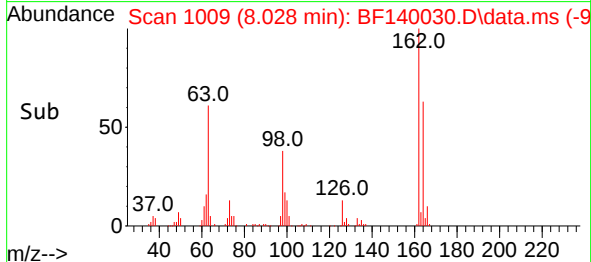
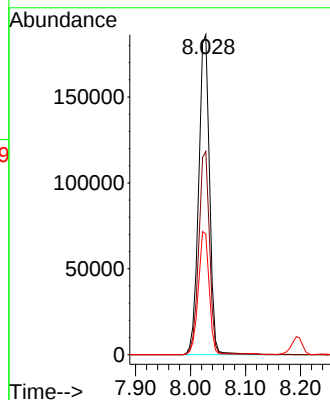
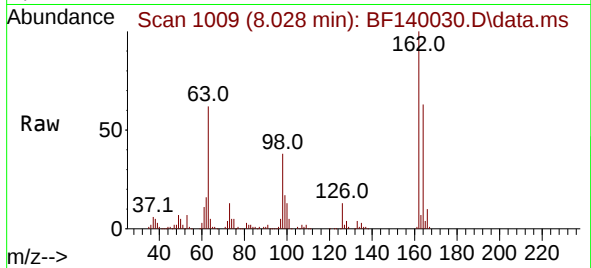
Tgt Ion:162 Resp: 257196

Ion Ratio Lower Upper

162 100

164 63.5 43.9 83.9

98 37.6 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 44.499 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

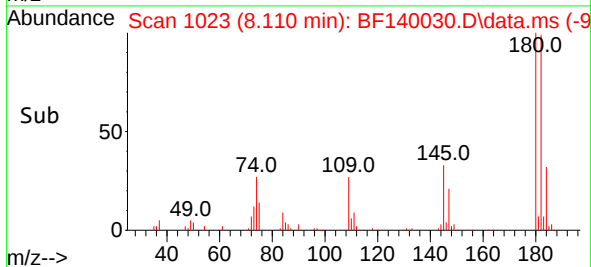
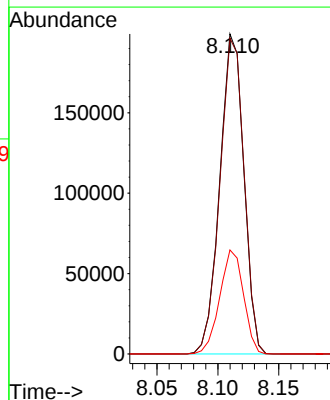
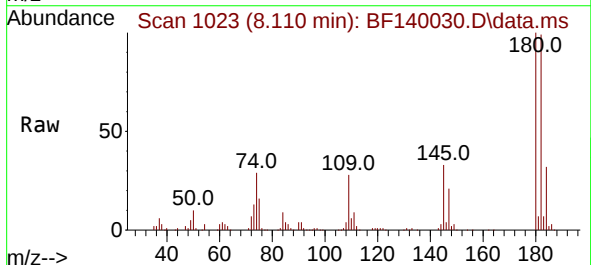
Tgt Ion:180 Resp: 273240

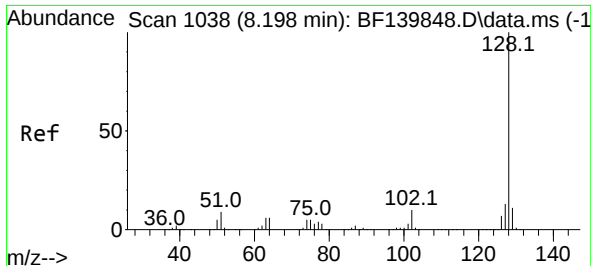
Ion Ratio Lower Upper

180 100

182 98.7 80.5 120.7

145 32.5 25.4 38.0

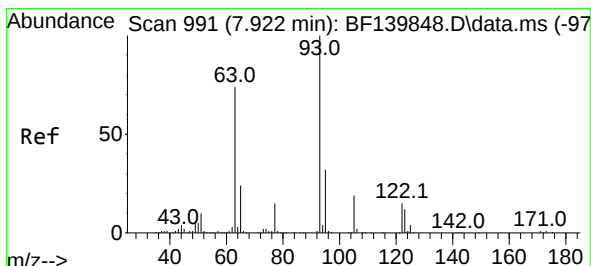
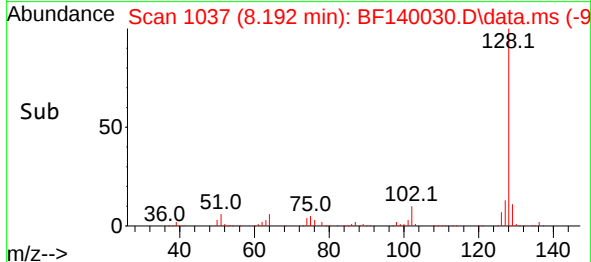
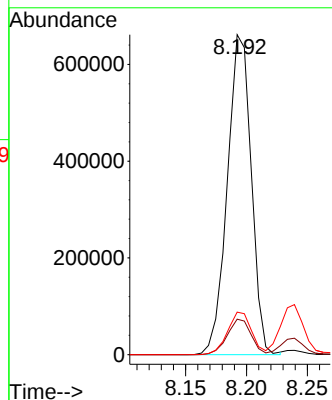
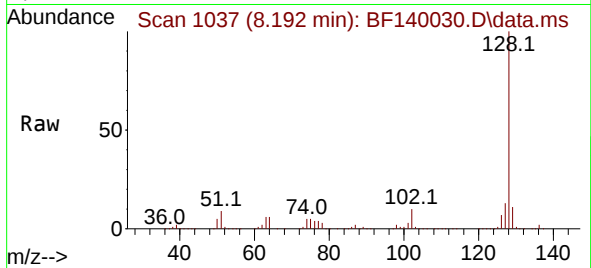




#31
Naphthalene
Concen: 44.802 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

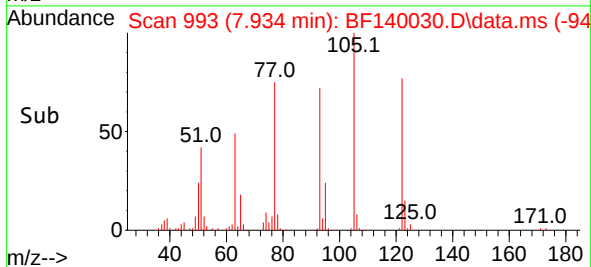
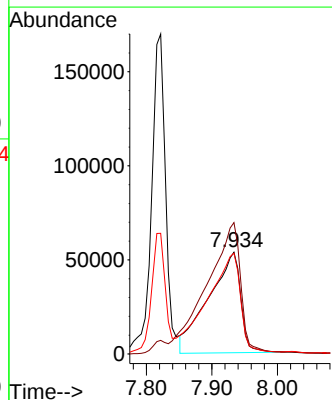
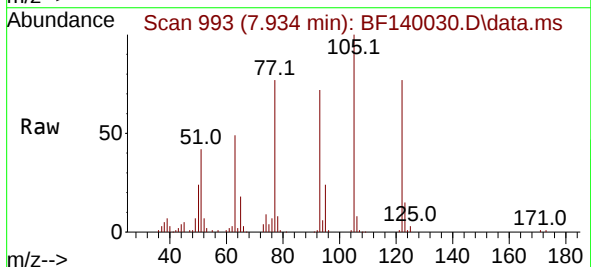
Instrument :
BNA_F
ClientSampleId :
PB164374BS

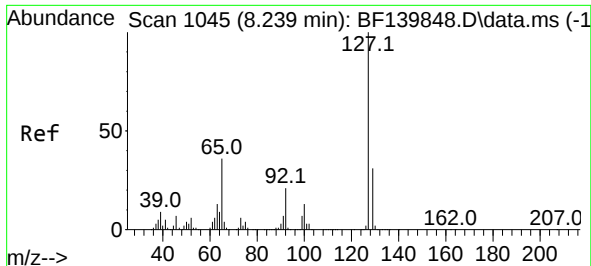
Tgt Ion:128 Resp: 904628
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 42.846 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:122 Resp: 182063
Ion Ratio Lower Upper
122 100
105 129.1 107.6 147.6
77 99.0 80.2 120.2

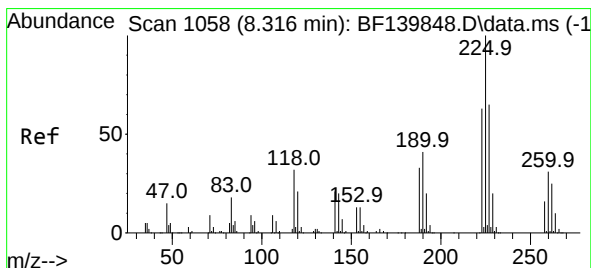
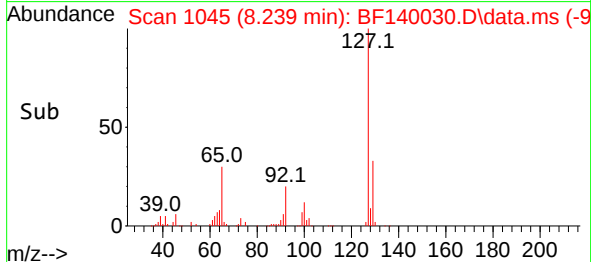
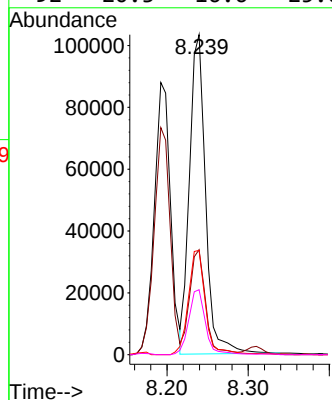
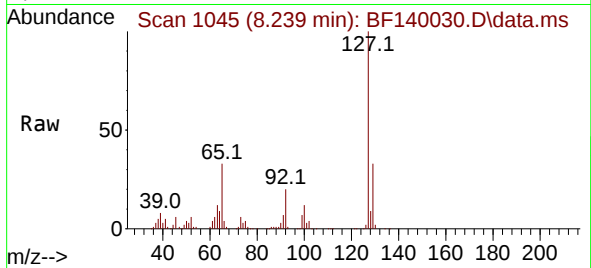




#33
4-Chloroaniline
Concen: 20.744 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

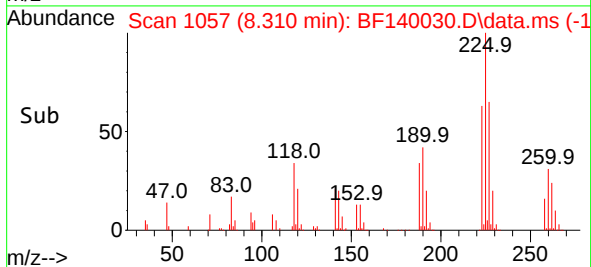
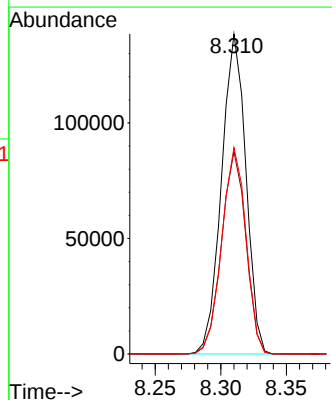
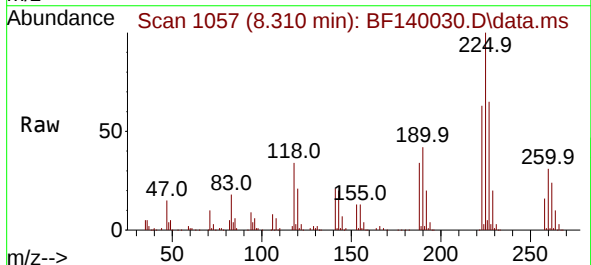
Instrument :
BNA_F
ClientSampleId :
PB164374BS

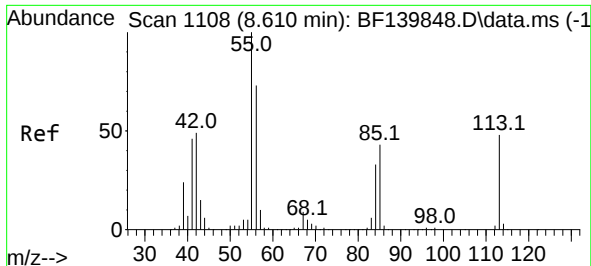
Tgt Ion:	127	Resp:	142823
Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.4	38.2
65	32.6	28.4	42.6
92	20.3	16.6	25.0



#34
Hexachlorobutadiene
Concen: 46.353 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:	225	Resp:	178831
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.6	76.0
227	64.5	51.8	77.8

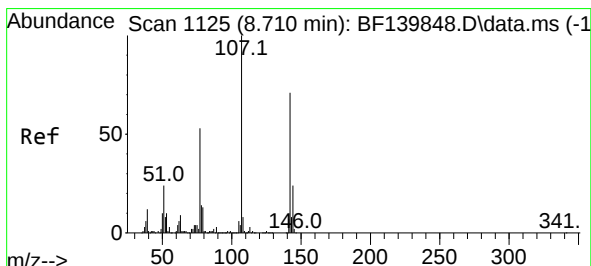
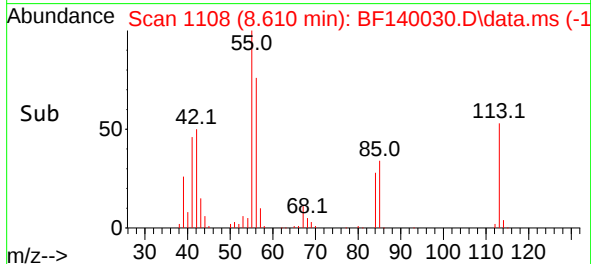
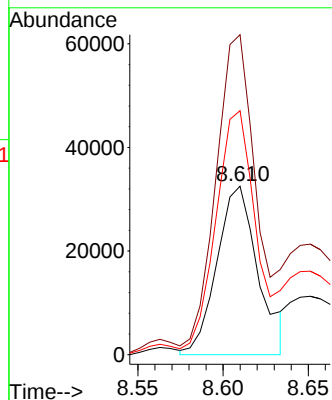
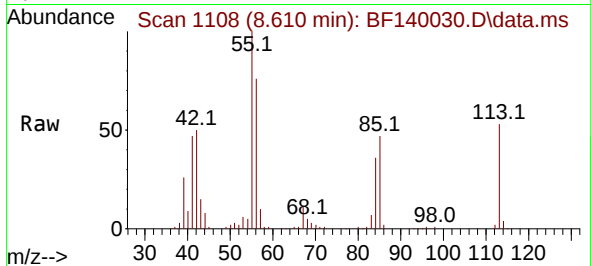




#35
 Caprolactam
 Concen: 30.851 ng
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF140030.D
 Acq: 25 Oct 2024 11:41

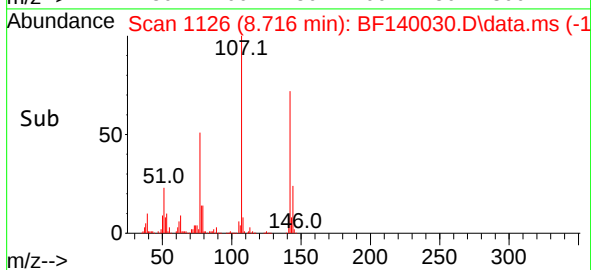
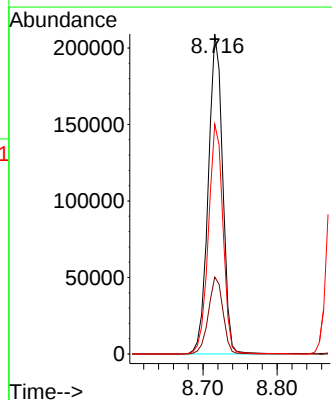
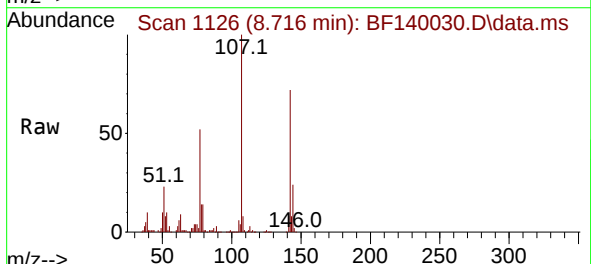
Instrument :
 BNA_F
 ClientSampleId :
 PB164374BS

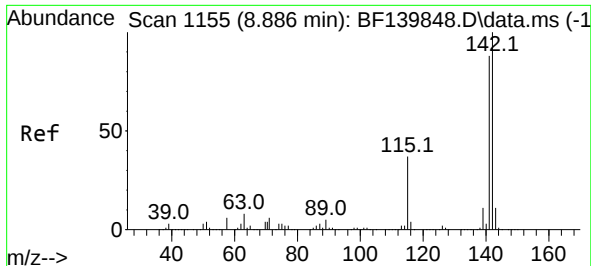
Tgt Ion:113 Resp: 54436
 Ion Ratio Lower Upper
 113 100
 55 190.0 189.2 229.2
 56 144.9 132.5 172.5



#36
 4-Chloro-3-methylphenol
 Concen: 45.974 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF140030.D
 Acq: 25 Oct 2024 11:41

Tgt Ion:107 Resp: 282495
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.1 28.7
 142 71.8 57.2 85.8

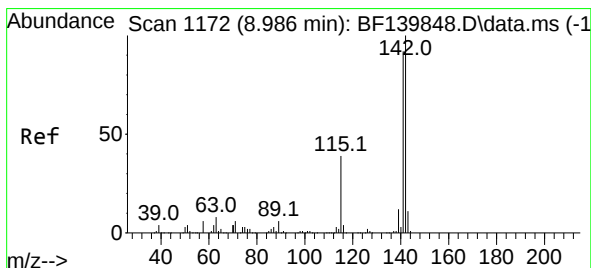
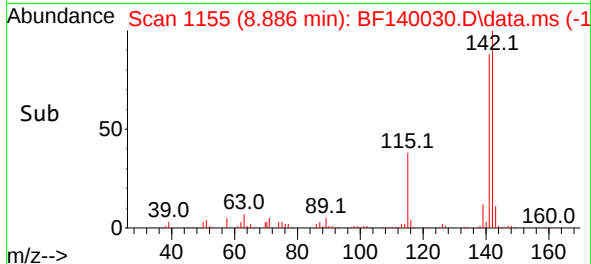
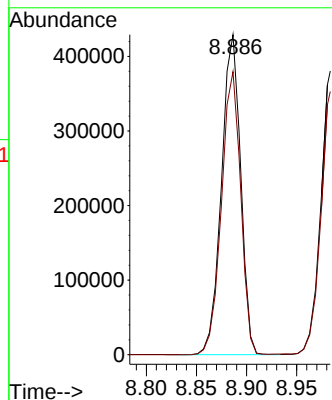
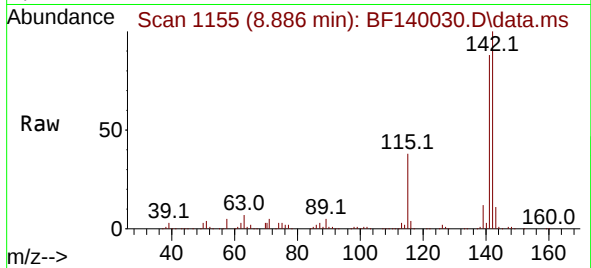




#37
2-Methylnaphthalene
Concen: 46.080 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

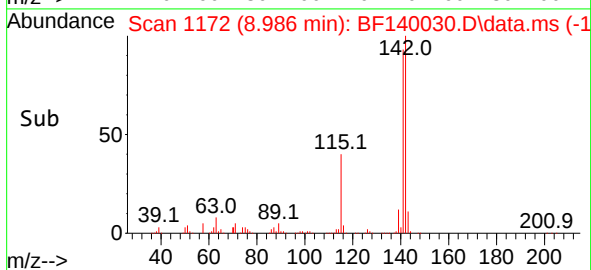
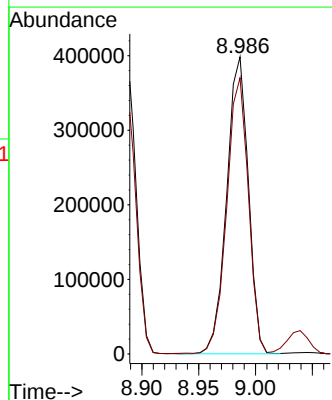
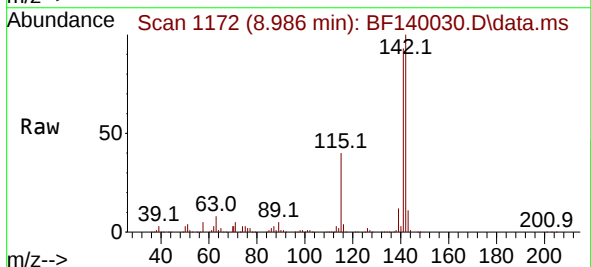
Instrument :
BNA_F
ClientSampleId :
PB164374BS

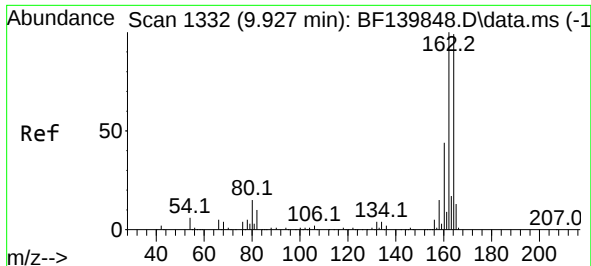
Tgt Ion:142 Resp: 569838
Ion Ratio Lower Upper
142 100
141 88.5 70.8 106.2



#38
1-Methylnaphthalene
Concen: 43.502 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:142 Resp: 527797
Ion Ratio Lower Upper
142 100
141 93.0 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

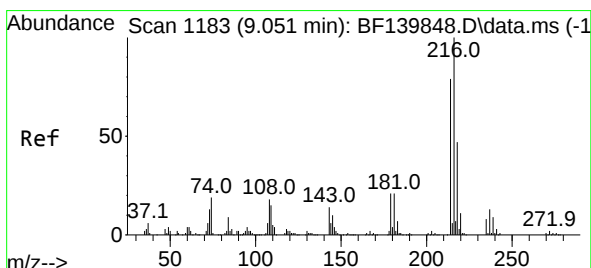
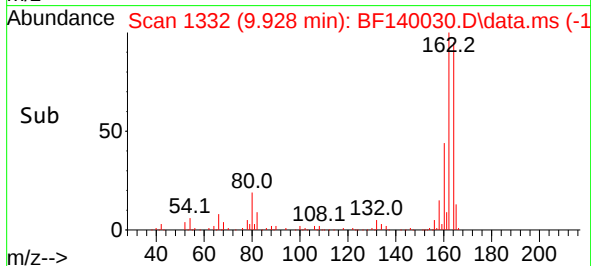
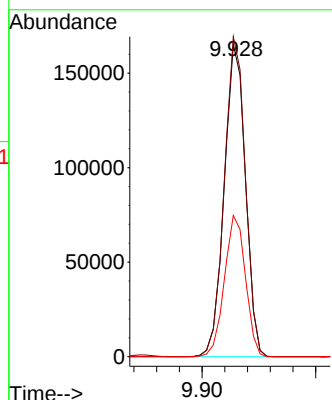
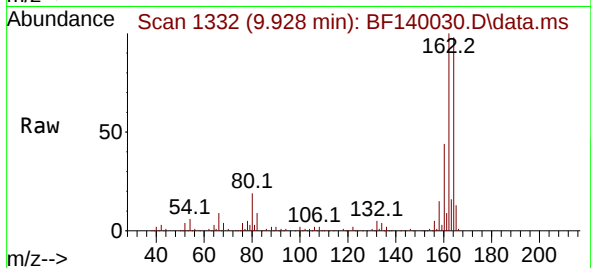
Tgt Ion:164 Resp: 214233

Ion Ratio Lower Upper

164 100

162 102.5 81.0 121.4

160 45.3 35.4 53.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.698 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Tgt Ion:216 Resp: 269898

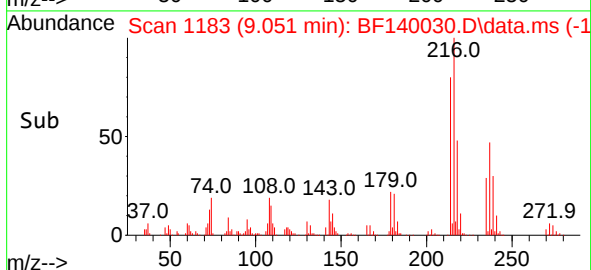
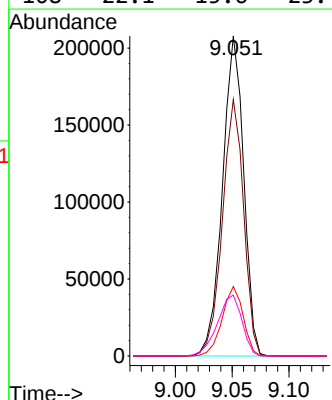
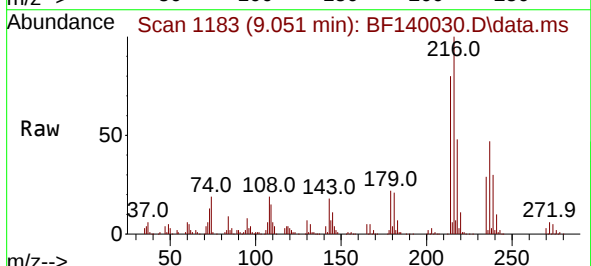
Ion Ratio Lower Upper

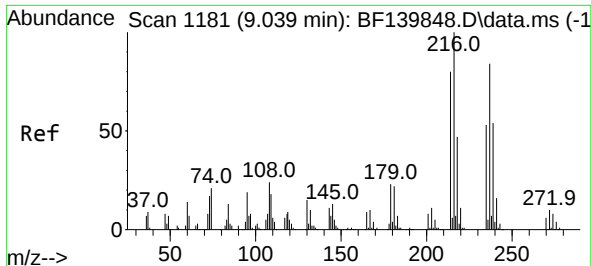
216 100

214 80.1 63.4 95.0

179 21.6 17.2 25.8

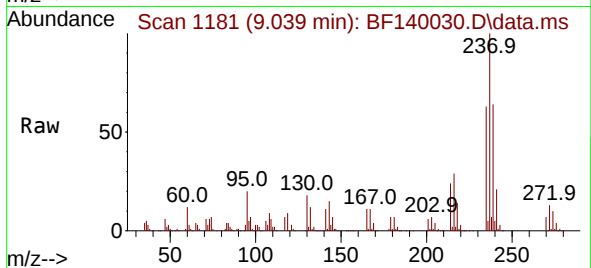
108 22.1 15.6 23.4



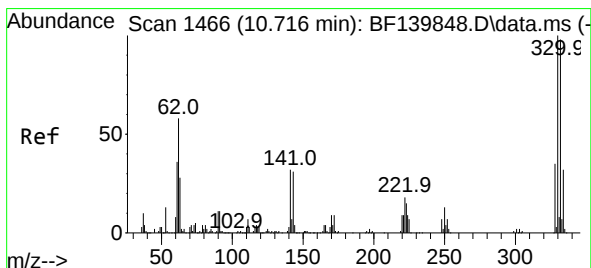
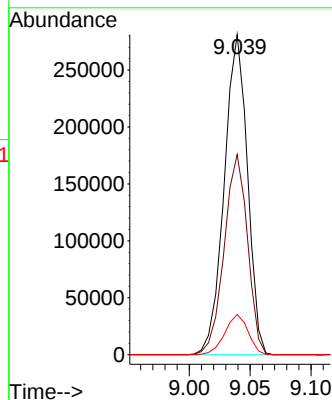
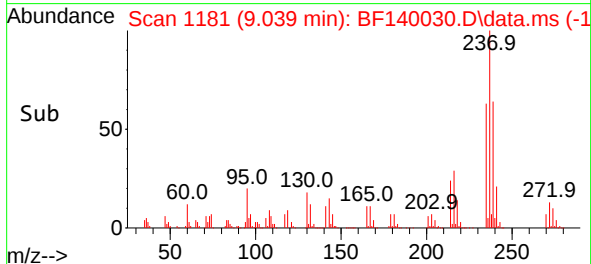


#41
Hexachlorocyclopentadiene
Concen: 185.333 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

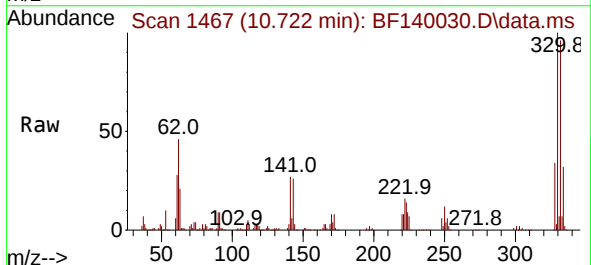
Instrument :
BNA_F
ClientSampleId :
PB164374BS



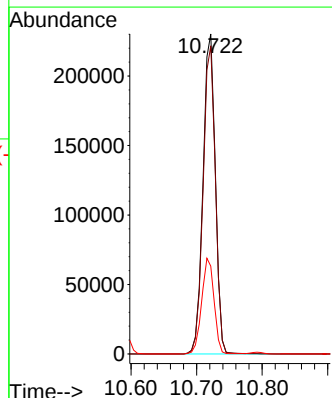
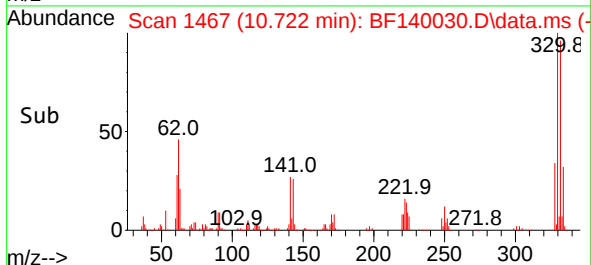
Tgt Ion:237 Resp: 372714
Ion Ratio Lower Upper
237 100
235 62.6 42.9 82.9
272 12.6 0.0 32.3

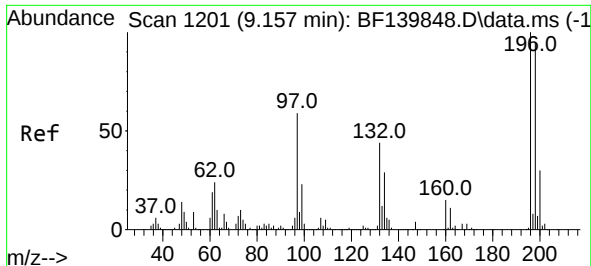


#42
2,4,6-Tribromophenol
Concen: 150.103 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



Tgt Ion:330 Resp: 300787
Ion Ratio Lower Upper
330 100
332 96.1 78.1 117.1
141 30.2 26.6 39.8





#43

2,4,6-Trichlorophenol

Concen: 48.773 ng

RT: 9.163 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

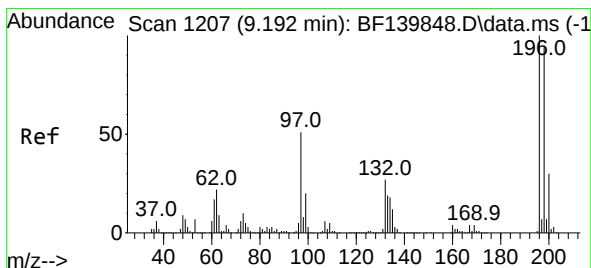
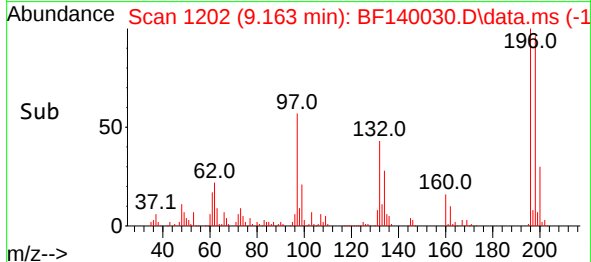
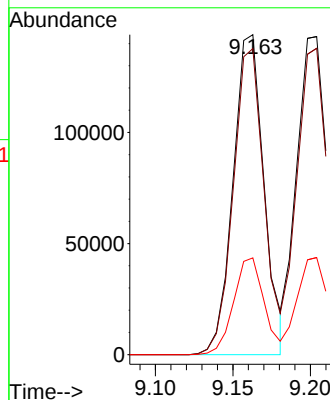
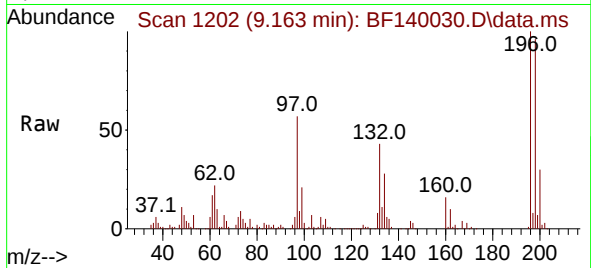
Tgt Ion:196 Resp: 199578

Ion Ratio Lower Upper

196 100

198 95.6 76.2 114.2

200 30.3 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 47.125 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.012 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Tgt Ion:196 Resp: 198949

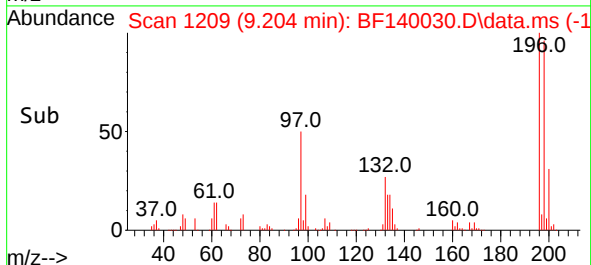
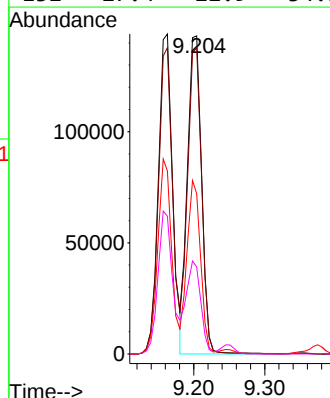
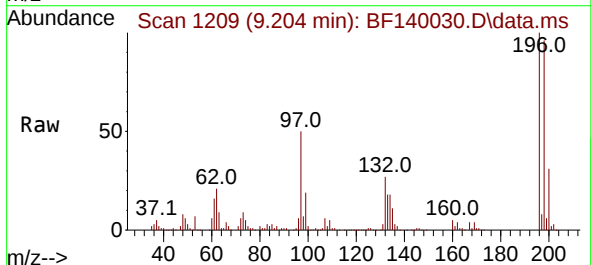
Ion Ratio Lower Upper

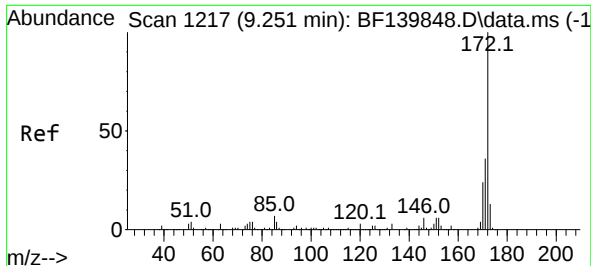
196 100

198 96.3 75.8 113.6

97 50.4 41.8 62.6

132 27.4 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 91.351 ng

RT: 9.251 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

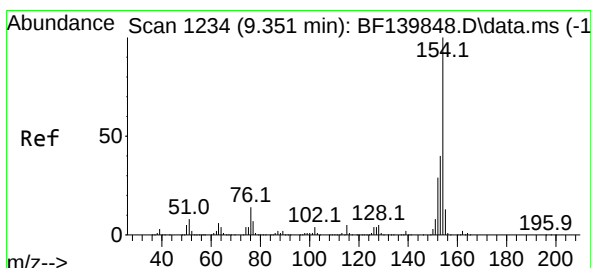
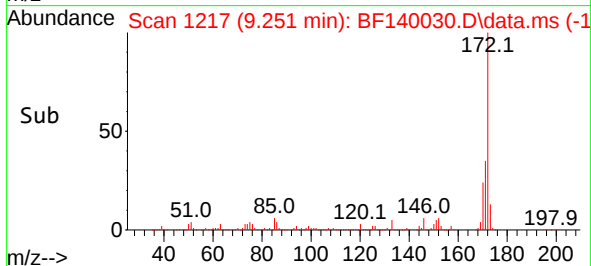
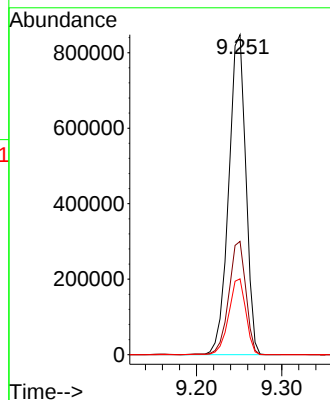
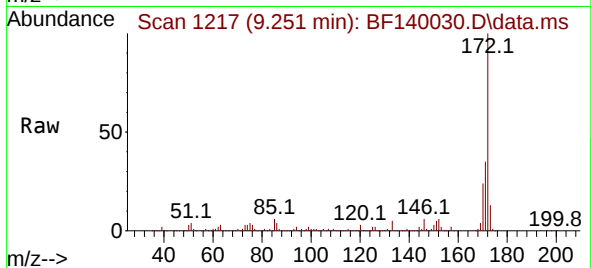
Tgt Ion:172 Resp: 1184155

Ion Ratio Lower Upper

172 100

171 35.4 28.6 43.0

170 23.7 19.1 28.7



#46

1,1'-Biphenyl

Concen: 45.992 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

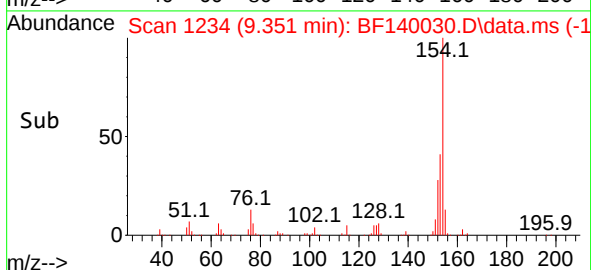
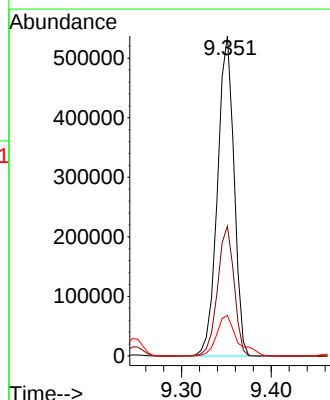
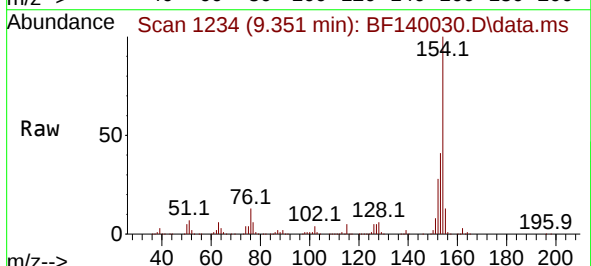
Tgt Ion:154 Resp: 685910

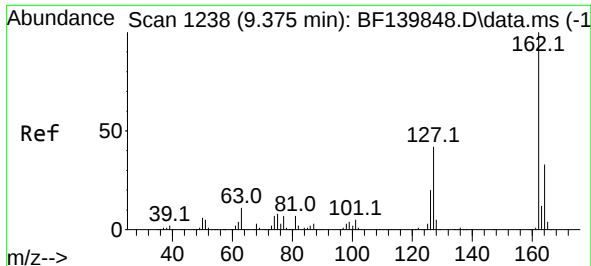
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 12.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 45.404 ng

RT: 9.375 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

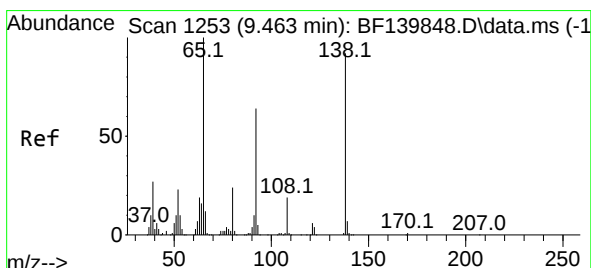
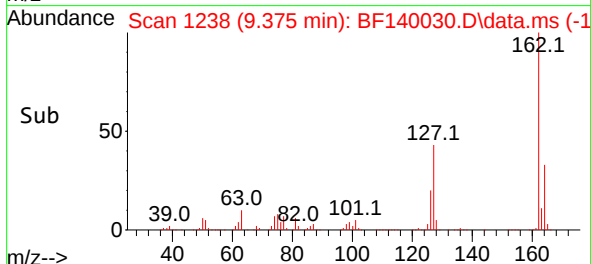
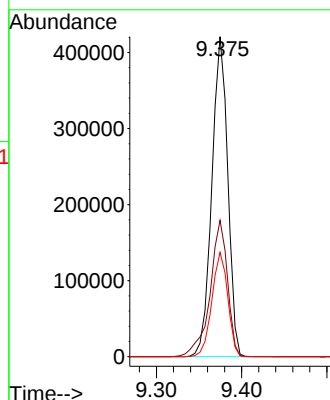
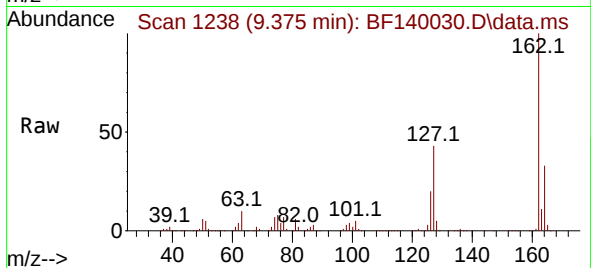
Tgt Ion:162 Resp: 545380

Ion Ratio Lower Upper

162 100

127 42.6 33.8 50.6

164 32.6 26.6 39.8



#48

2-Nitroaniline

Concen: 51.351 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

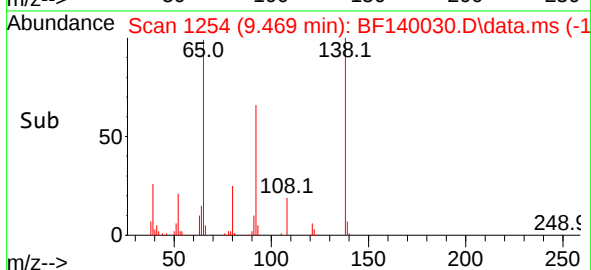
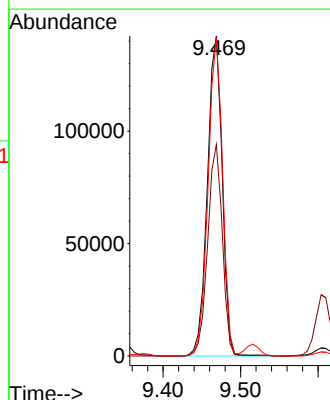
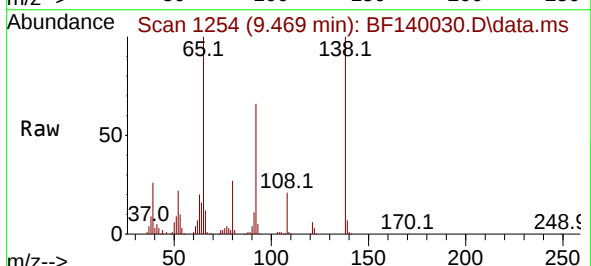
Tgt Ion: 65 Resp: 188650

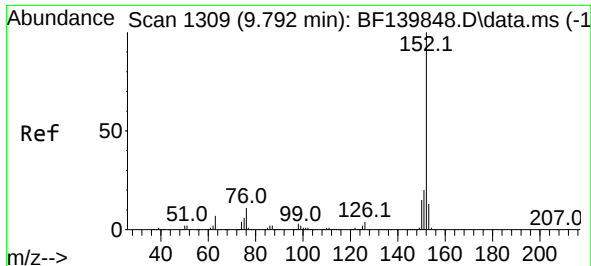
Ion Ratio Lower Upper

65 100

92 66.0 50.9 76.3

138 99.5 73.4 110.0

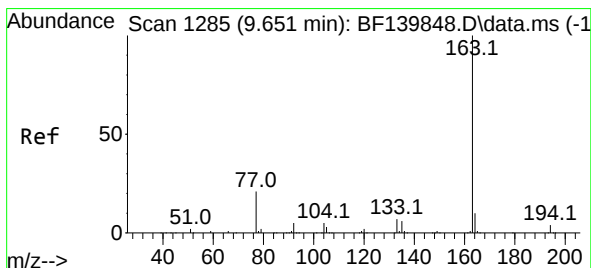
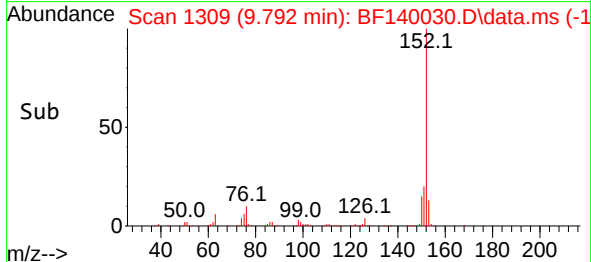
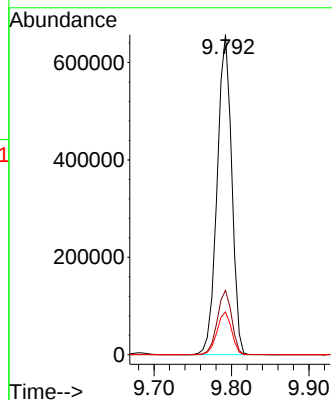
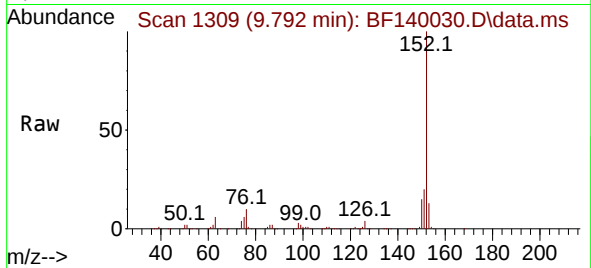




#49
Acenaphthylene
Concen: 49.366 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

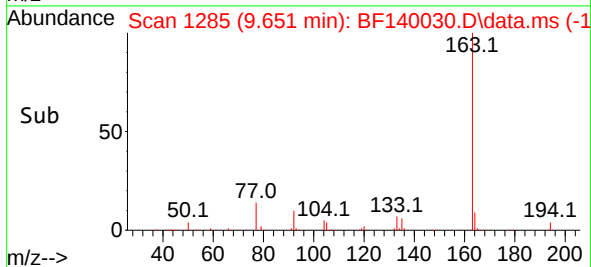
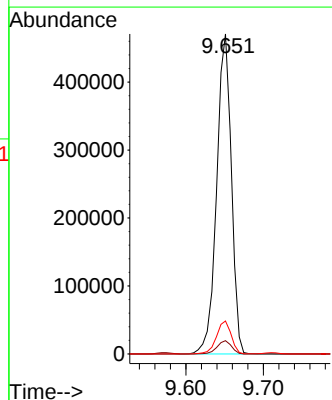
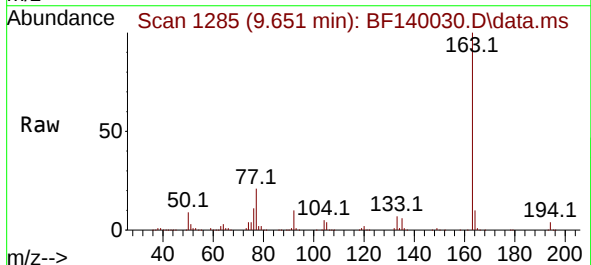
Instrument :
BNA_F
ClientSampleId :
PB164374BS

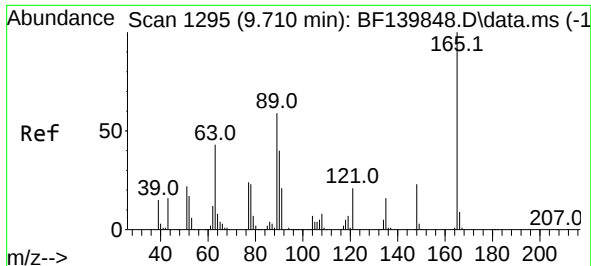
Tgt Ion:152 Resp: 857267
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.4 10.7 16.1



#50
Dimethylphthalate
Concen: 46.401 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:163 Resp: 619174
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.3 8.2 12.2

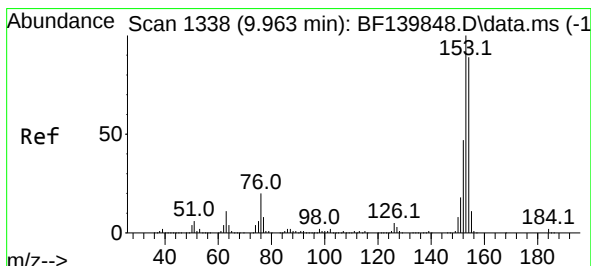
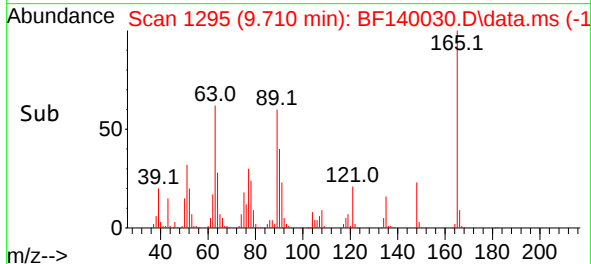
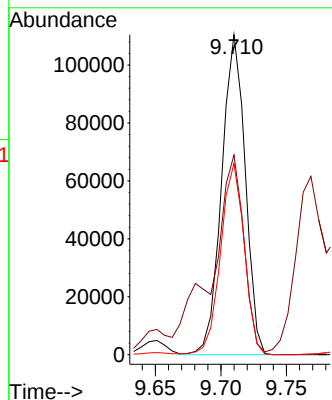
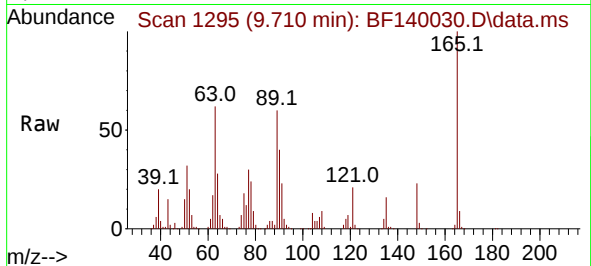




#51
2,6-Dinitrotoluene
Concen: 47.737 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

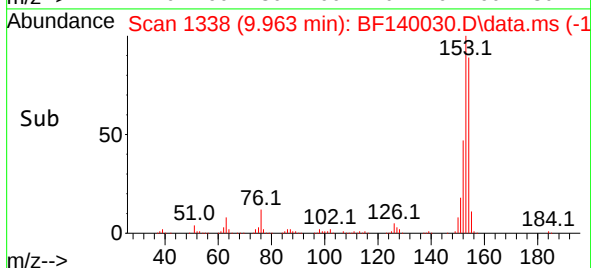
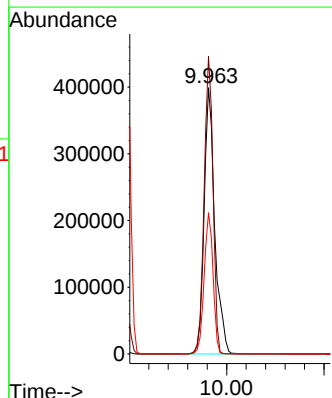
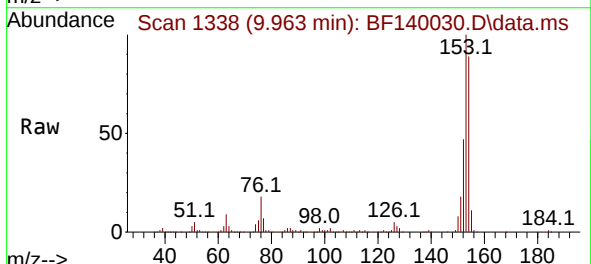
Instrument :
BNA_F
ClientSampleId :
PB164374BS

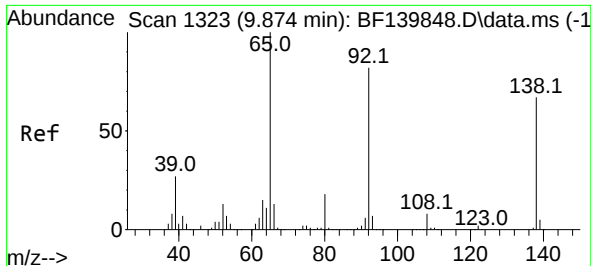
Tgt Ion:165 Resp: 137924
Ion Ratio Lower Upper
165 100
63 62.4 50.6 75.8
89 59.8 47.5 71.3



#52
Acenaphthene
Concen: 53.789 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:154 Resp: 604239
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.6
152 53.1 42.4 63.6

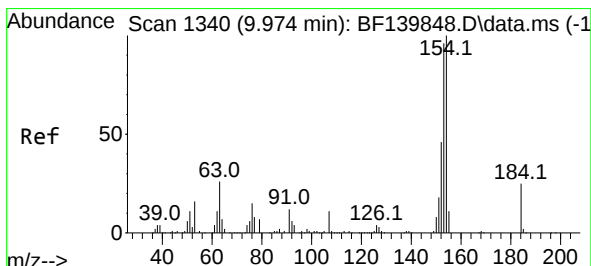
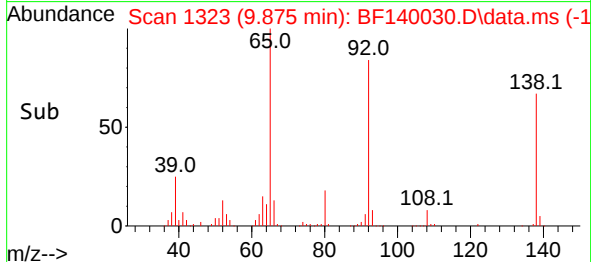
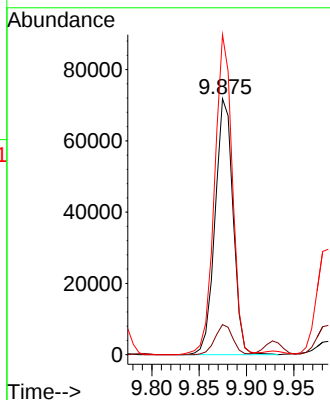
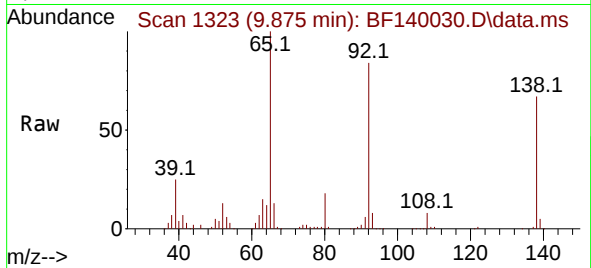




#53
3-Nitroaniline
Concen: 31.826 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

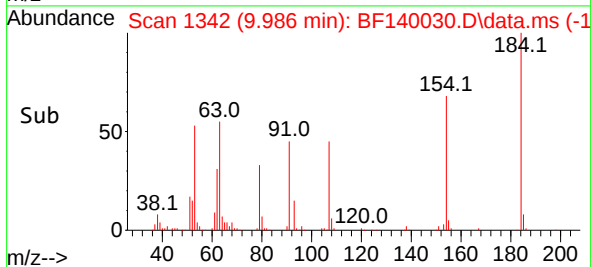
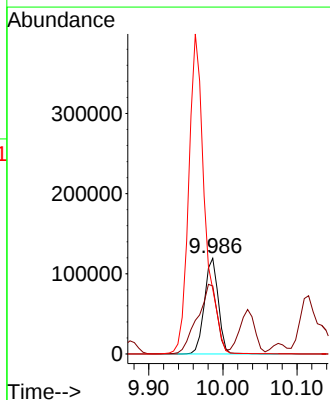
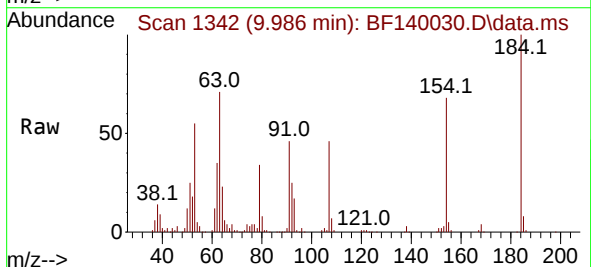
Instrument :
BNA_F
ClientSampleId :
PB164374BS

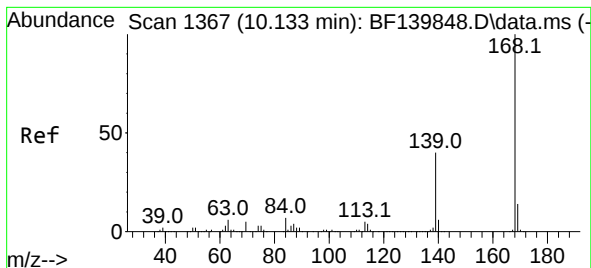
Tgt Ion:138 Resp: 94828
Ion Ratio Lower Upper
138 100
108 11.7 10.2 15.2
92 125.0 98.3 147.5



#54
2,4-Dinitrophenol
Concen: 125.771 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:184 Resp: 155861
Ion Ratio Lower Upper
184 100
63 71.1 84.7 127.1#
154 67.8 338.2 507.2#





#55

Dibenzenofuran

Concen: 46.801 ng

RT: 10.133 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

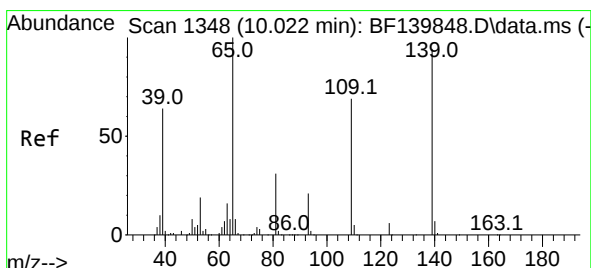
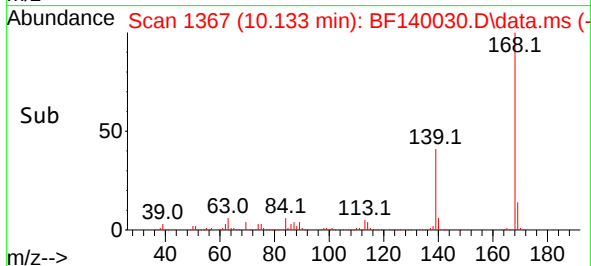
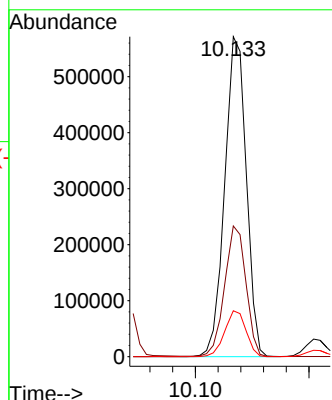
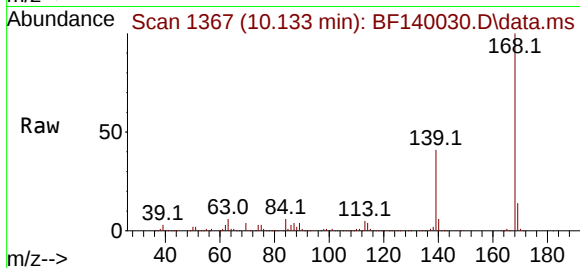
Tgt Ion:168 Resp: 754314

Ion Ratio Lower Upper

168 100

139 40.8 31.8 47.6

169 14.4 11.6 17.4



#56

4-Nitrophenol

Concen: 102.985 ng

RT: 10.033 min Scan# 1350

Delta R.T. 0.012 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

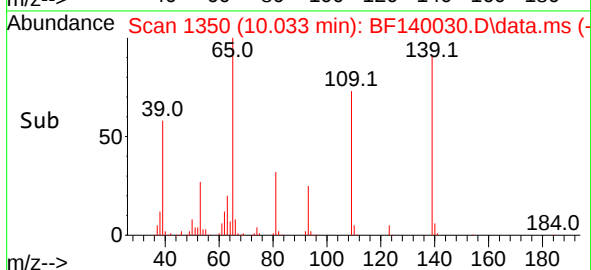
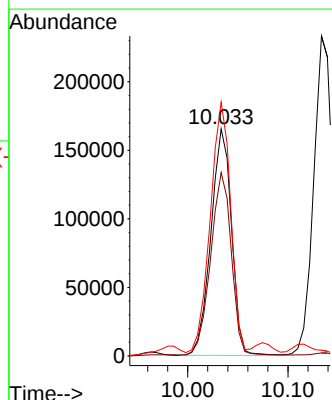
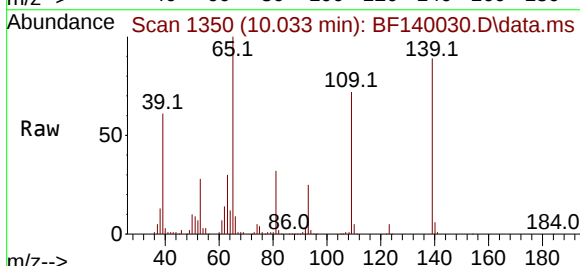
Tgt Ion:139 Resp: 236075

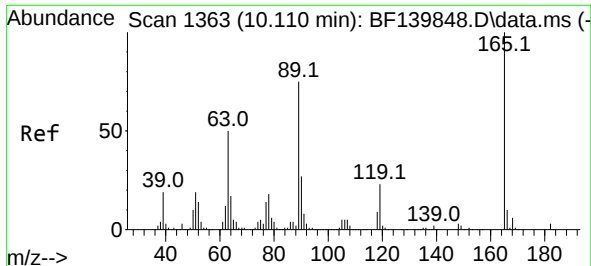
Ion Ratio Lower Upper

139 100

109 80.8 53.6 93.6

65 111.8 87.8 127.8

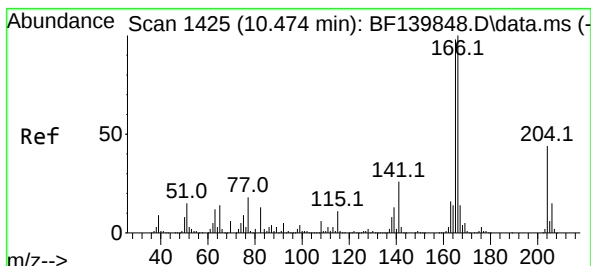
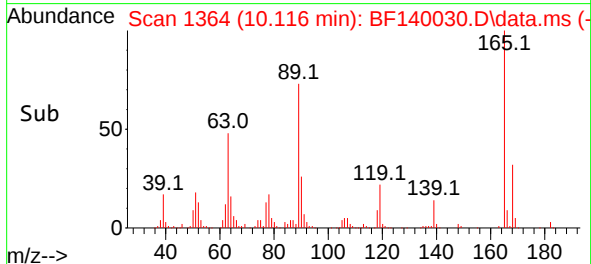
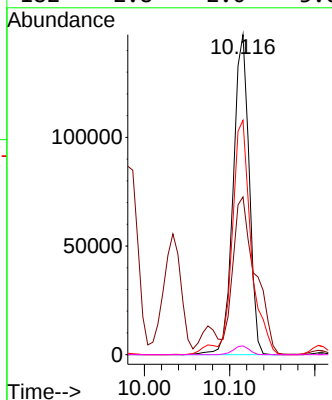
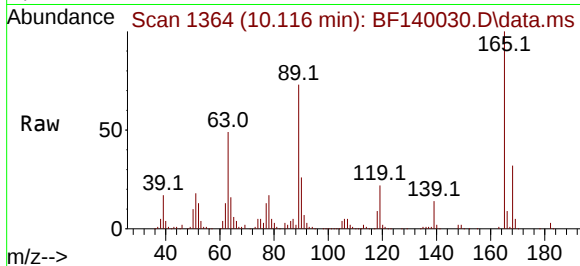




#57
2,4-Dinitrotoluene
Concen: 53.902 ng
RT: 10.116 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

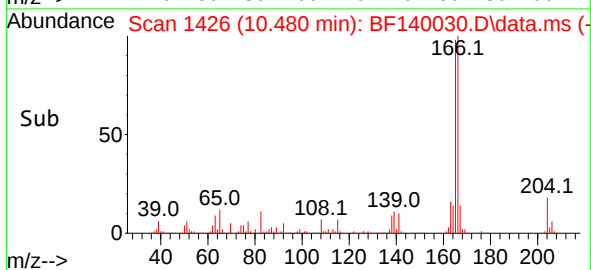
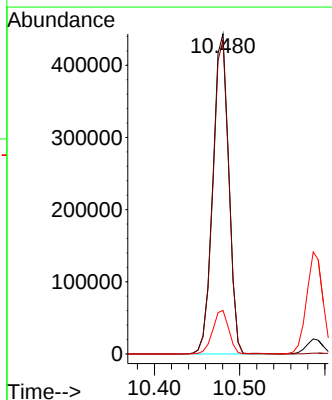
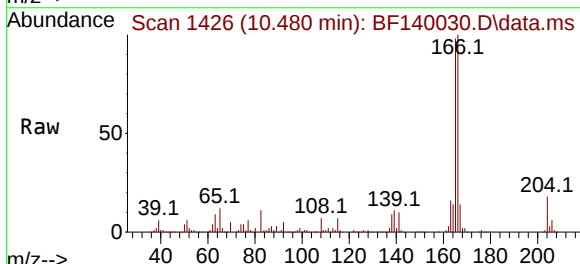
Instrument :
BNA_F
ClientSampleId :
PB164374BS

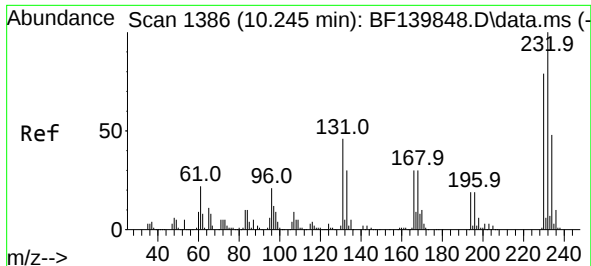
Tgt Ion:165 Resp: 191515
Ion Ratio Lower Upper
165 100
63 49.3 40.1 60.1
89 73.2 60.4 90.6
182 2.8 2.0 3.0



#58
Fluorene
Concen: 47.082 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:166 Resp: 577977
Ion Ratio Lower Upper
166 100
165 98.0 78.5 117.7
167 13.6 10.9 16.3

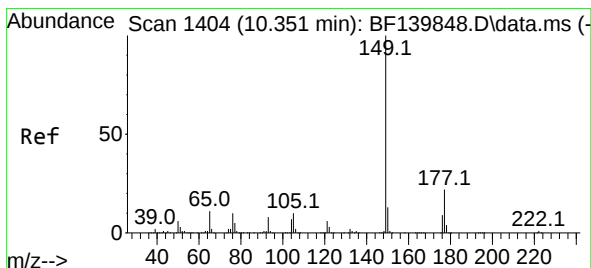
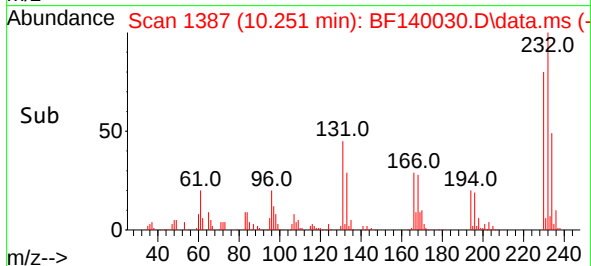
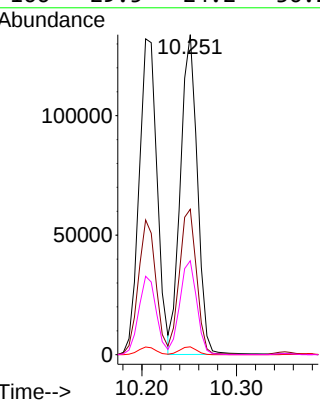
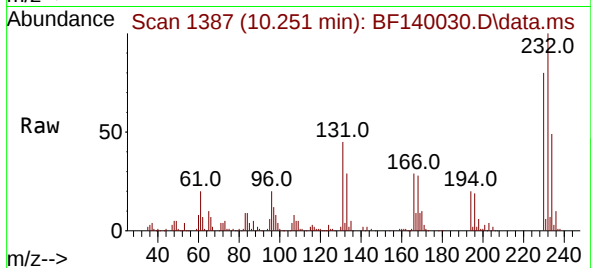




#59
2,3,4,6-Tetrachlorophenol
Concen: 50.105 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

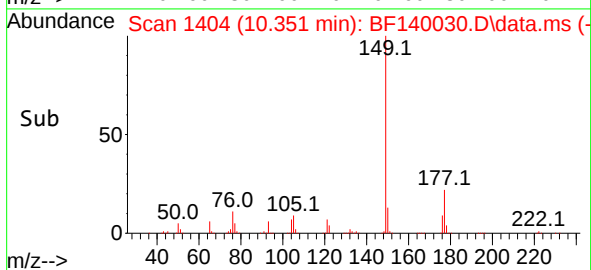
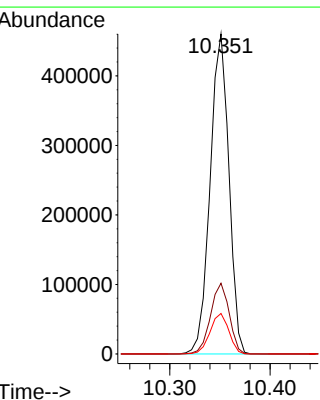
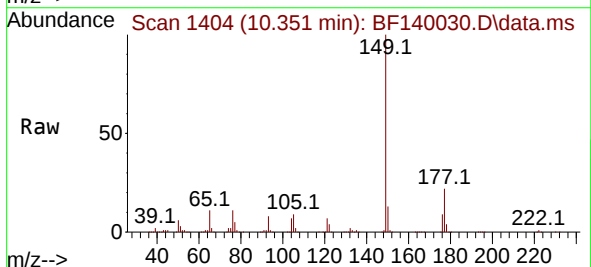
Instrument :
BNA_F
ClientSampleId :
PB164374BS

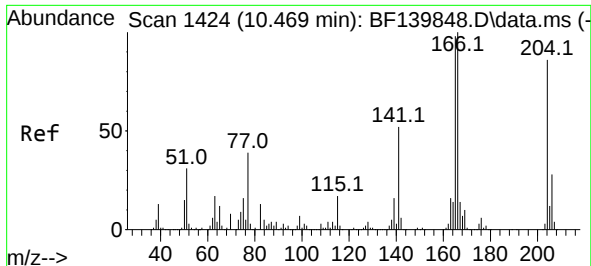
Tgt Ion:232 Resp: 165825
Ion Ratio Lower Upper
232 100
131 46.6 37.0 55.6
130 2.5 1.9 2.9
166 29.5 24.2 36.2



#60
Diethylphthalate
Concen: 45.606 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:149 Resp: 597533
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.6 10.1 15.1

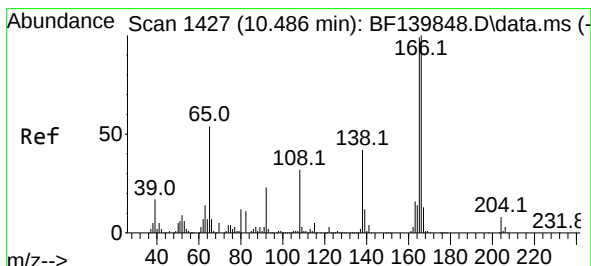
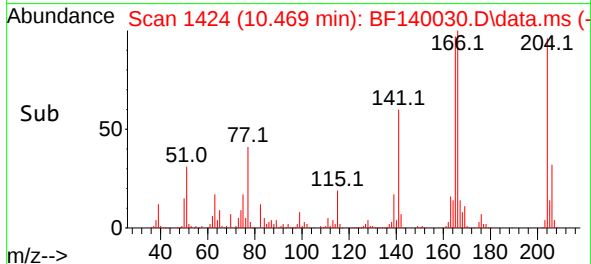
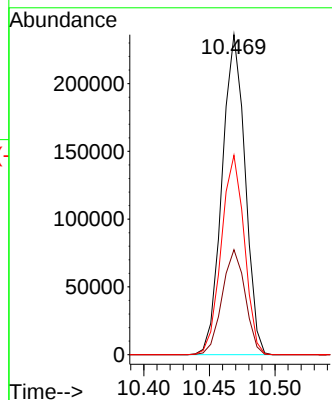
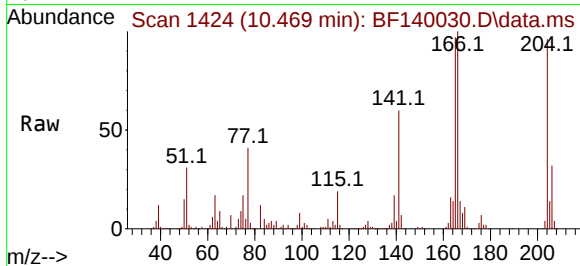




#61
4-Chlorophenyl-phenylether
Concen: 46.431 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

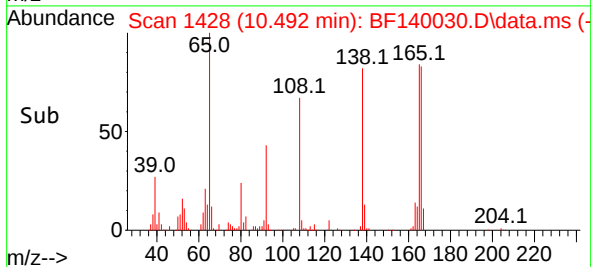
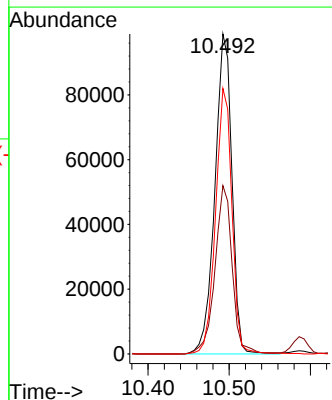
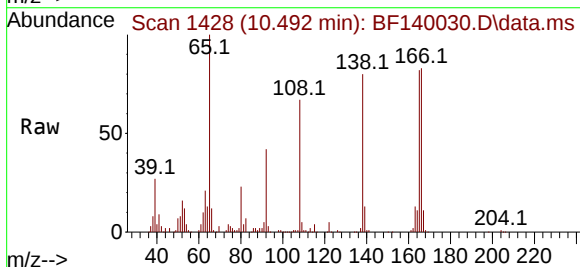
Instrument :
BNA_F
ClientSampleId :
PB164374BS

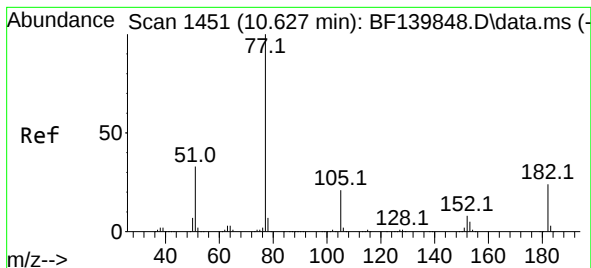
Tgt Ion:204 Resp: 287843
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 62.3 48.6 73.0



#62
4-Nitroaniline
Concen: 51.228 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:138 Resp: 144160
Ion Ratio Lower Upper
138 100
92 52.6 35.7 75.7
108 83.0 57.5 97.5

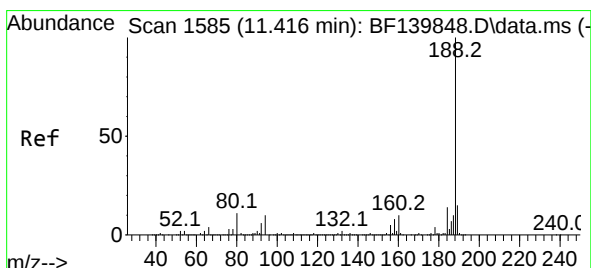
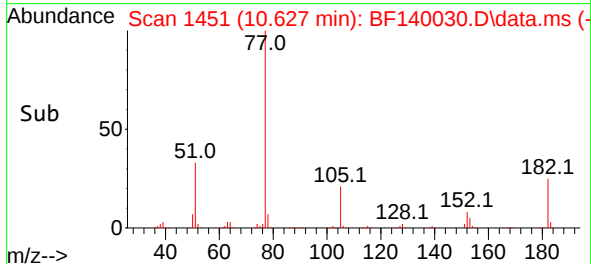
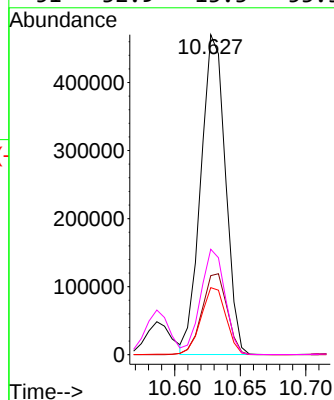
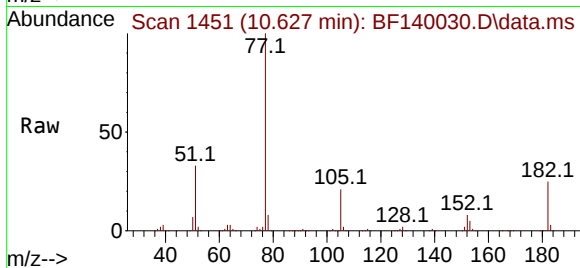




#63
Azobenzene
Concen: 44.211 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

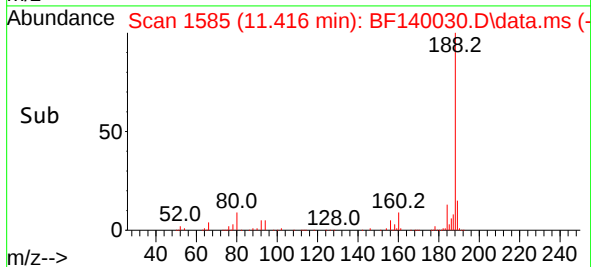
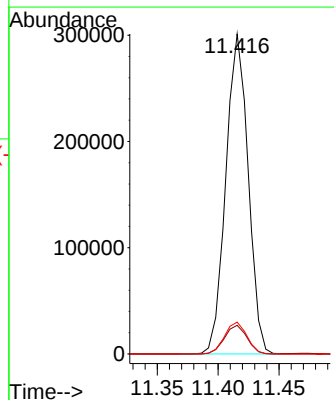
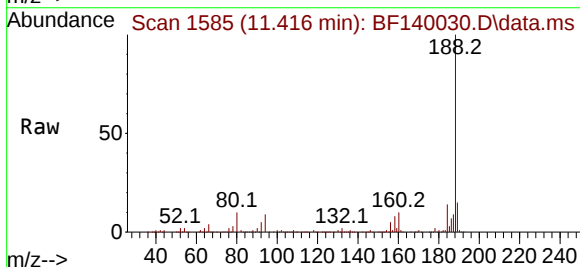
Instrument :
BNA_F
ClientSampleId :
PB164374BS

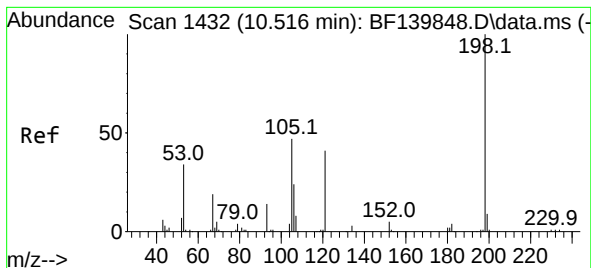
Tgt Ion: 77	Resp: 614092
Ion Ratio	Lower Upper
77 100	
182 24.7	3.3 43.3
105 20.9	1.2 41.2
51 32.9	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:188	Resp: 384147
Ion Ratio	Lower Upper
188 100	
94 9.0	7.9 11.9
80 9.9	9.0 13.4

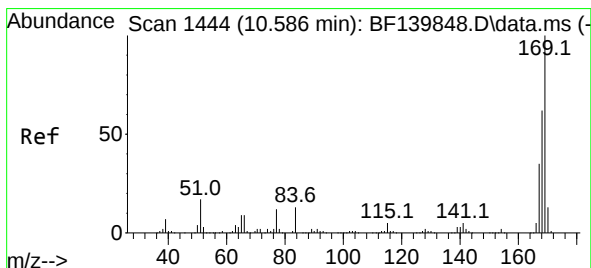
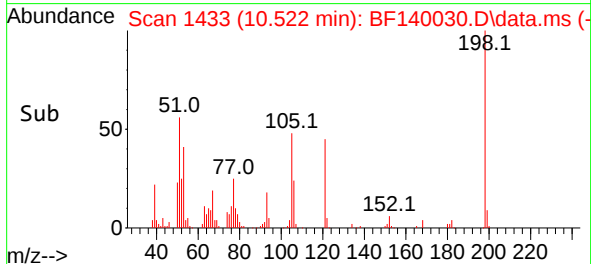
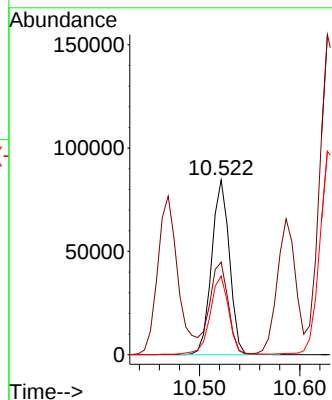
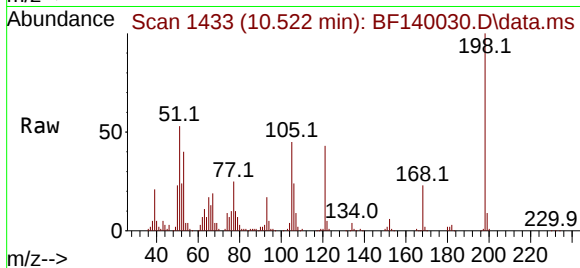




#65
4,6-Dinitro-2-methylphenol
Concen: 66.539 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

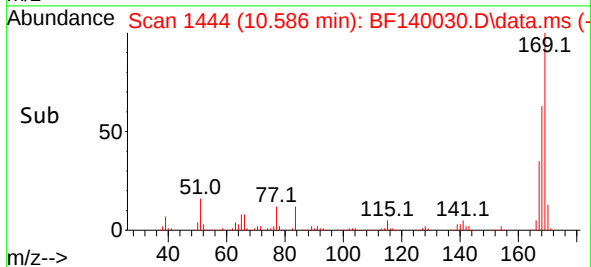
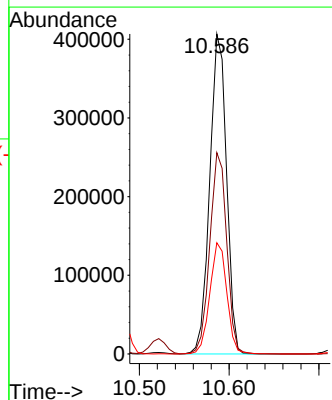
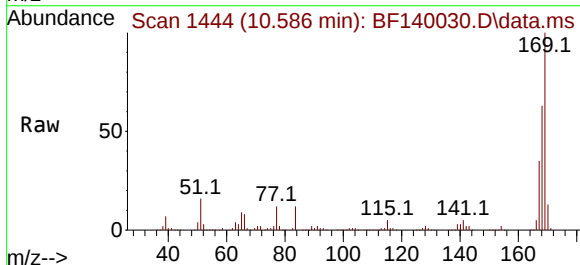
Instrument :
BNA_F
ClientSampleId :
PB164374BS

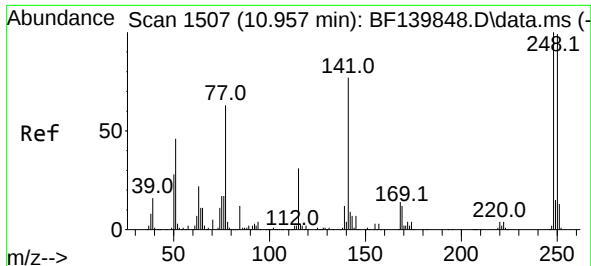
Tgt Ion:198 Resp: 104261
Ion Ratio Lower Upper
198 100
51 53.0 38.2 78.2
105 45.0 27.9 67.9



#66
n-Nitrosodiphenylamine
Concen: 45.908 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:169 Resp: 527823
Ion Ratio Lower Upper
169 100
168 62.9 49.8 74.6
167 34.8 28.0 42.0

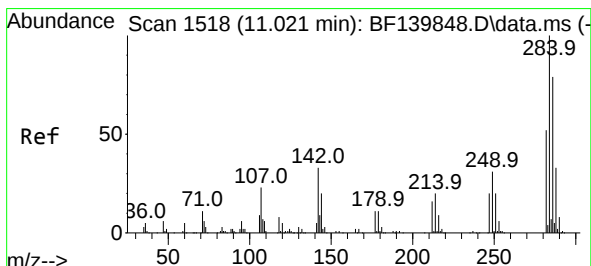
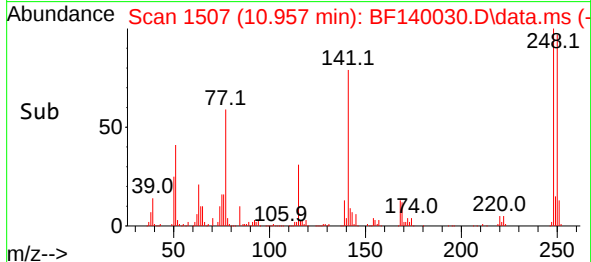
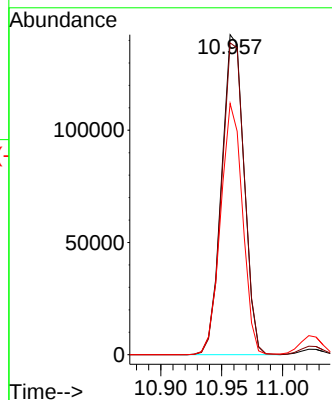
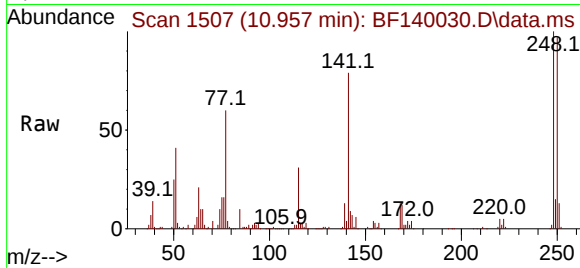




#67
4-Bromophenyl-phenylether
Concen: 46.450 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

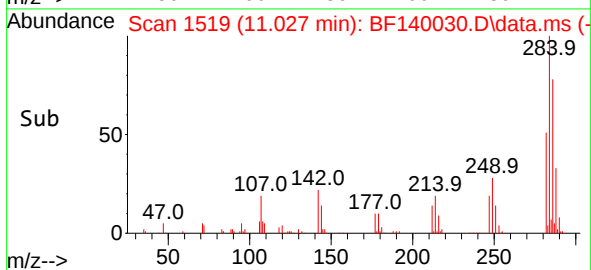
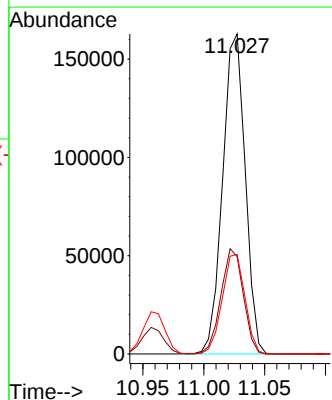
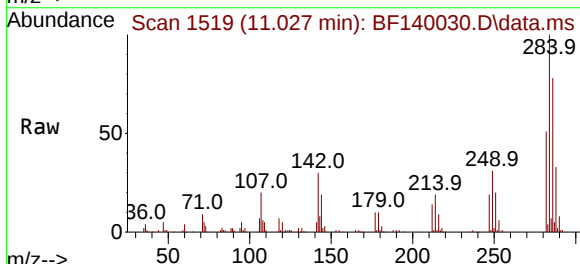
Instrument :
BNA_F
ClientSampleId :
PB164374BS

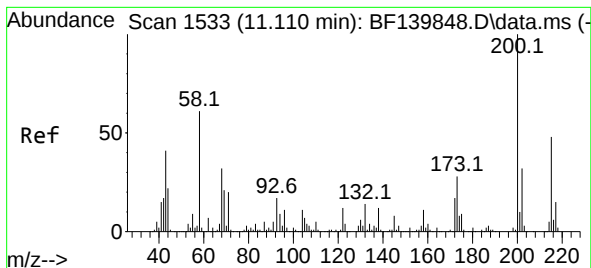
Tgt Ion:248 Resp: 183825
Ion Ratio Lower Upper
248 100
250 97.4 79.0 118.6
141 78.5 61.7 92.5



#68
Hexachlorobenzene
Concen: 47.187 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:284 Resp: 210019
Ion Ratio Lower Upper
284 100
142 30.3 26.9 40.3
249 31.1 25.3 37.9





#69

Atrazine

Concen: 54.774 ng

RT: 11.116 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

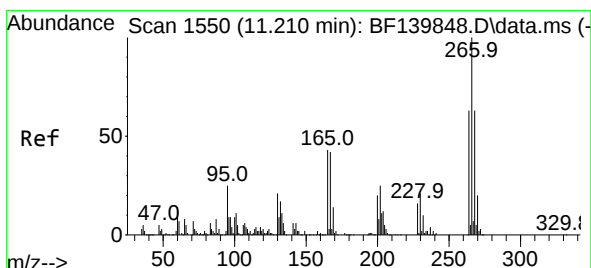
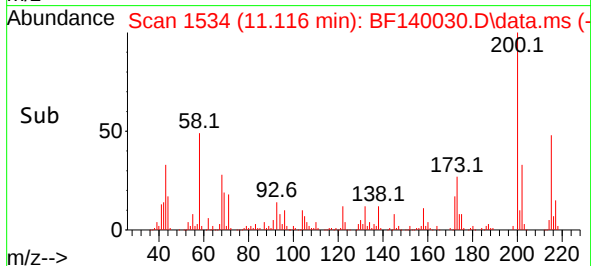
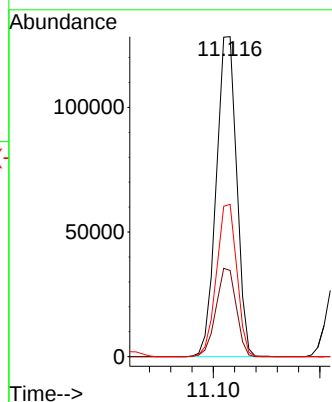
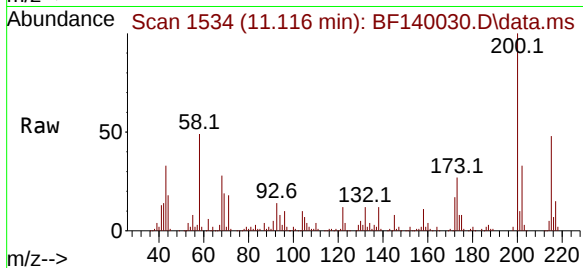
Tgt Ion:200 Resp: 170592

Ion Ratio Lower Upper

200 100

173 26.9 7.7 47.7

215 47.6 27.7 67.7



#70

Pentachlorophenol

Concen: 96.588 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

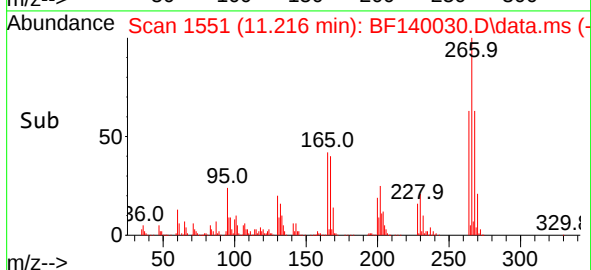
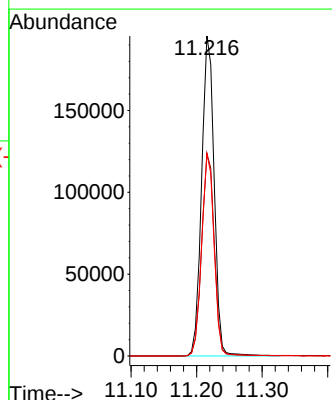
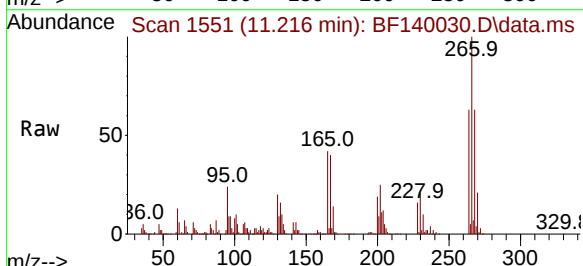
Tgt Ion:266 Resp: 260905

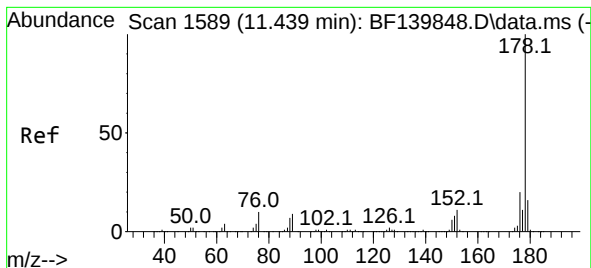
Ion Ratio Lower Upper

266 100

268 63.3 50.4 75.6

264 63.1 50.6 75.8





#71

Phenanthrene

Concen: 47.308 ng

RT: 11.439 min Scan# 1589

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

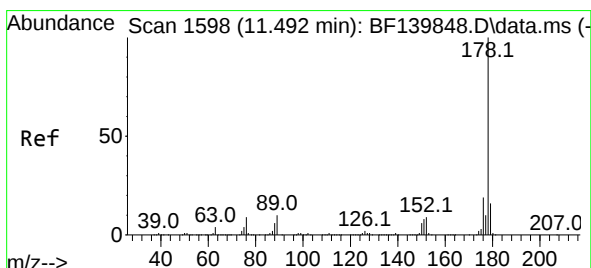
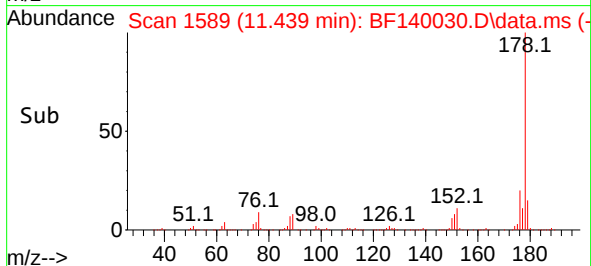
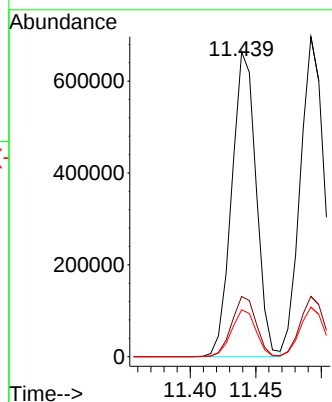
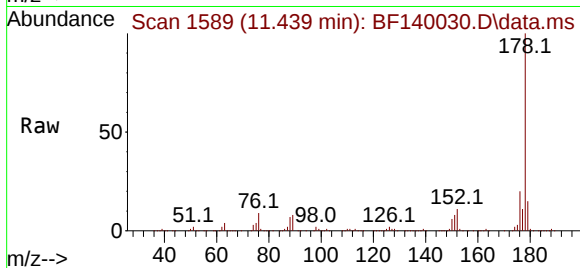
Tgt Ion:178 Resp: 858420

Ion Ratio Lower Upper

178 100

176 19.7 15.8 23.6

179 15.4 12.6 18.8



#72

Anthracene

Concen: 49.262 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

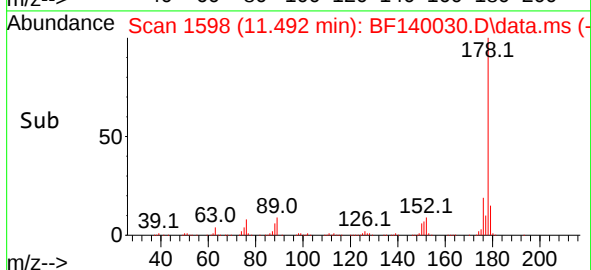
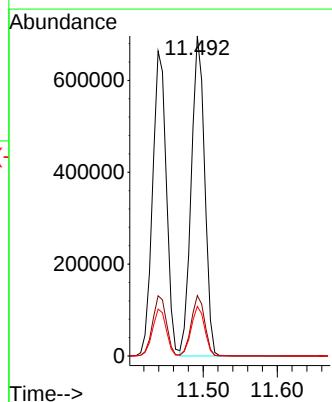
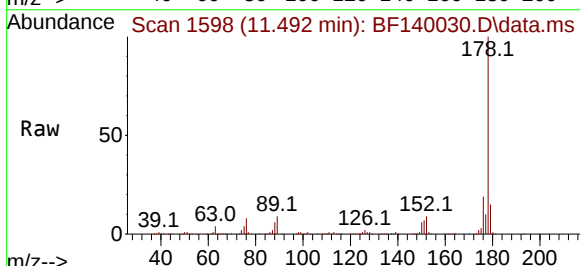
Tgt Ion:178 Resp: 872145

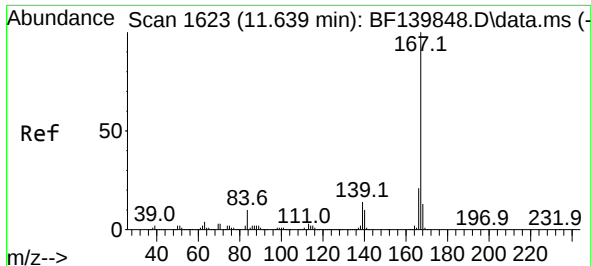
Ion Ratio Lower Upper

178 100

176 18.8 15.3 22.9

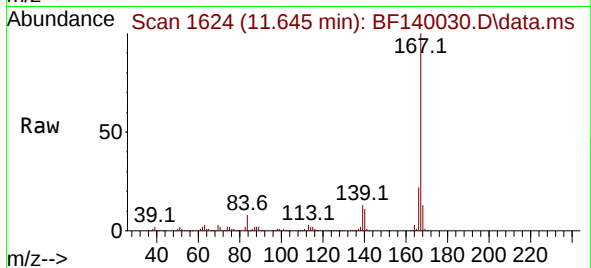
179 15.5 12.4 18.6



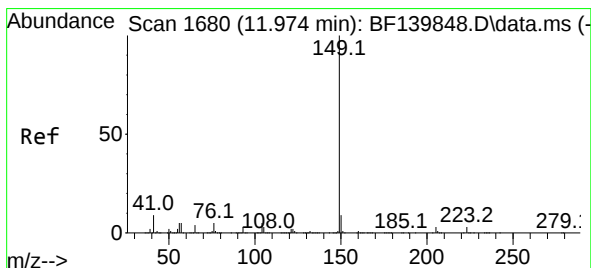
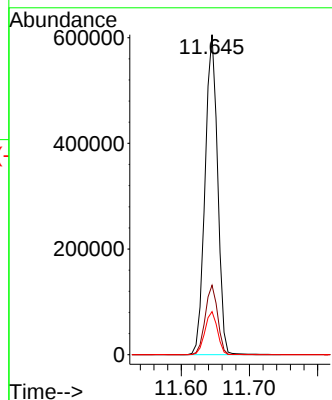
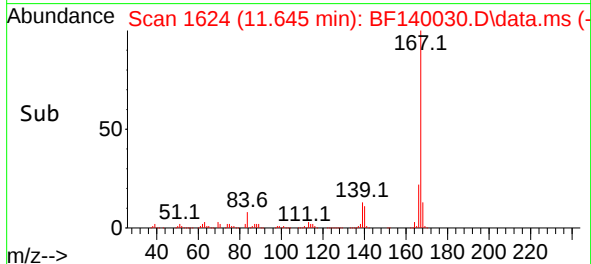


#73
Carbazole
Concen: 47.103 ng
RT: 11.645 min Scan# 1624
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

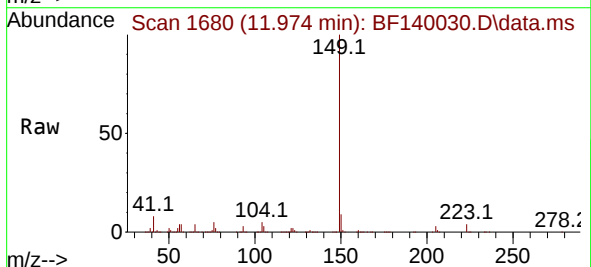
Instrument :
BNA_F
ClientSampleId :
PB164374BS



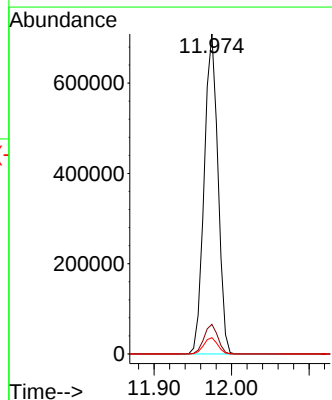
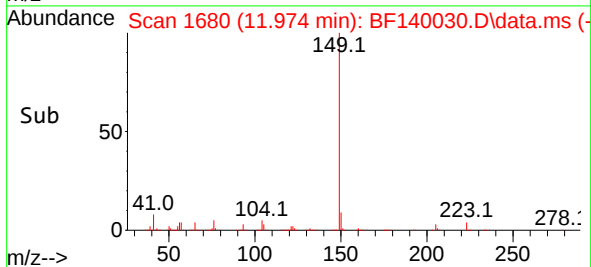
Tgt Ion:167 Resp: 775573
Ion Ratio Lower Upper
167 100
166 21.7 17.0 25.6
139 13.5 10.8 16.2

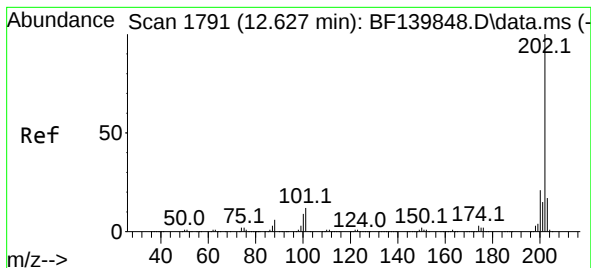


#74
Di-n-butylphthalate
Concen: 45.912 ng
RT: 11.974 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41



Tgt Ion:149 Resp: 873378
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.1 4.1 6.1





#75

Fluoranthene

Concen: 48.050 ng

RT: 12.627 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

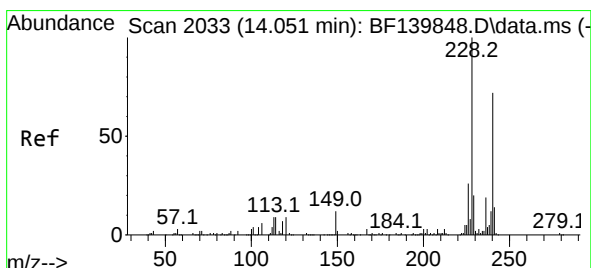
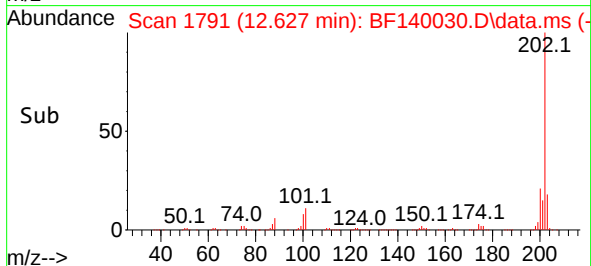
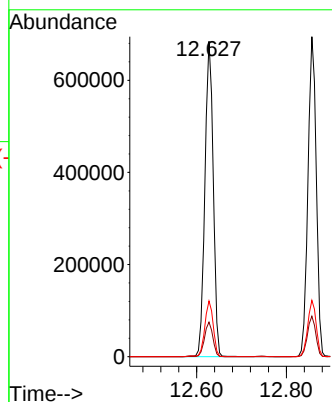
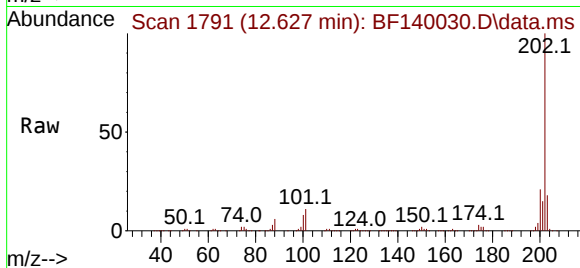
Tgt Ion:202 Resp: 881421

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.9

203 17.7 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

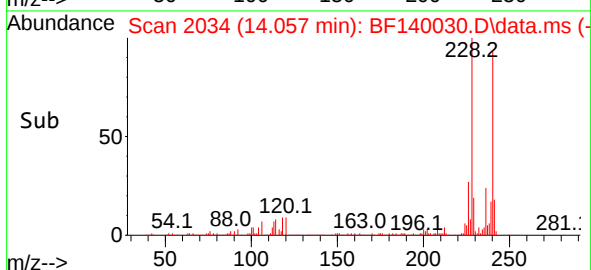
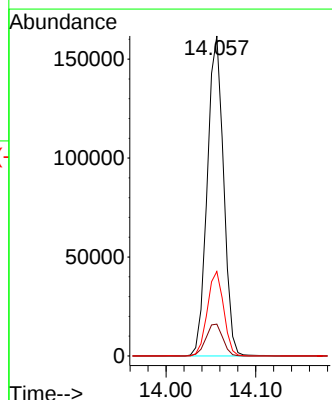
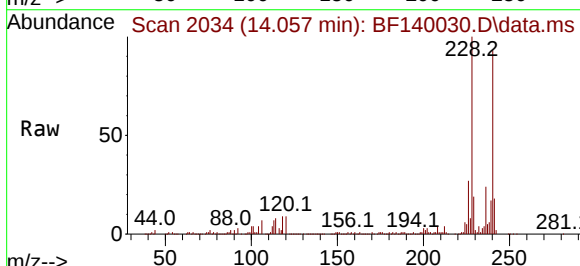
Tgt Ion:240 Resp: 203575

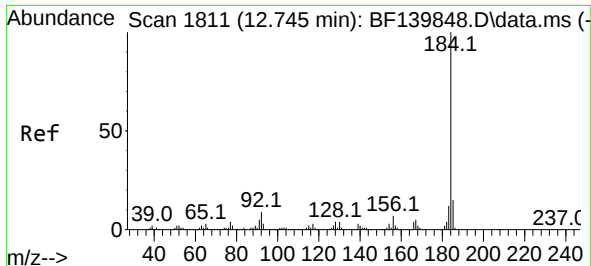
Ion Ratio Lower Upper

240 100

120 10.0 9.4 14.2

236 26.4 20.9 31.3

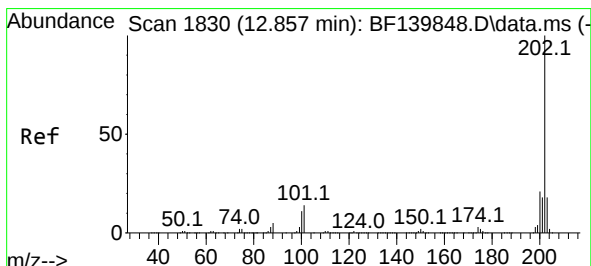
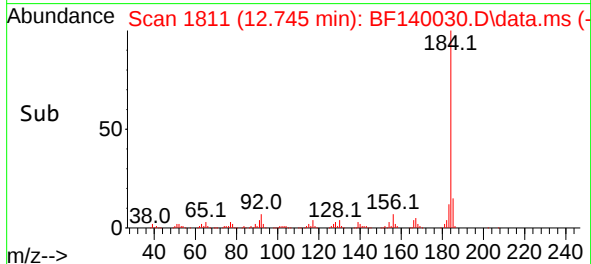
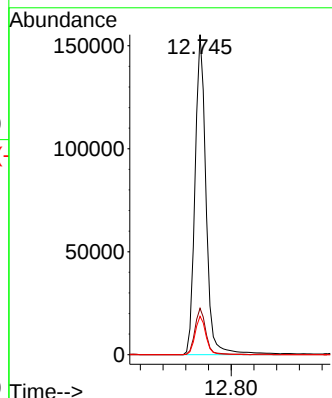
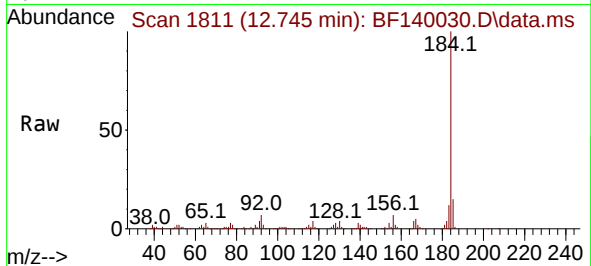




#77
Benzidine
Concen: 62.894 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

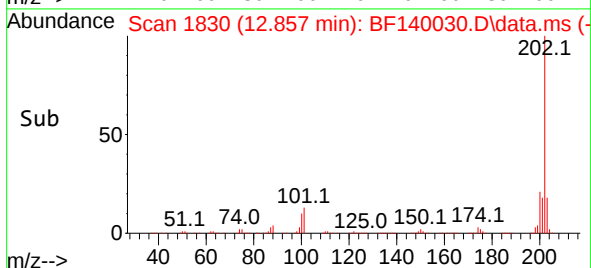
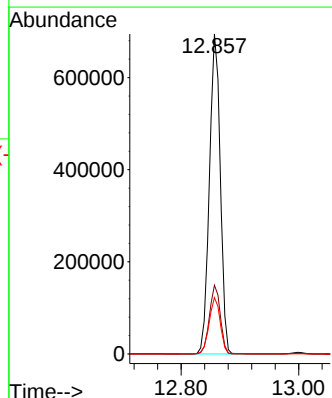
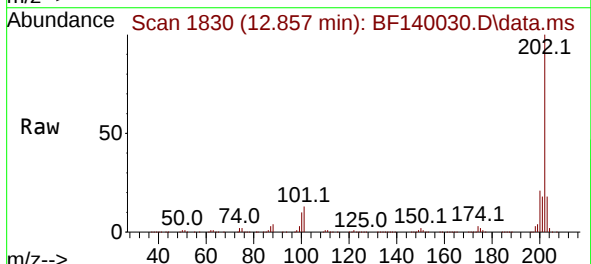
Instrument :
BNA_F
ClientSampleId :
PB164374BS

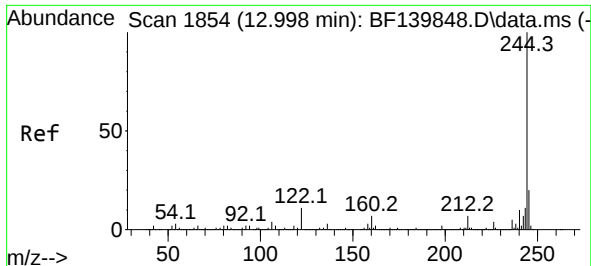
Tgt Ion:184 Resp: 210534
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 12.0 9.4 14.2



#78
Pyrene
Concen: 50.231 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

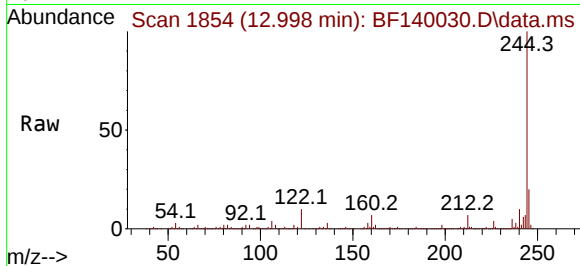
Tgt Ion:202 Resp: 895090
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.6 14.2 21.4



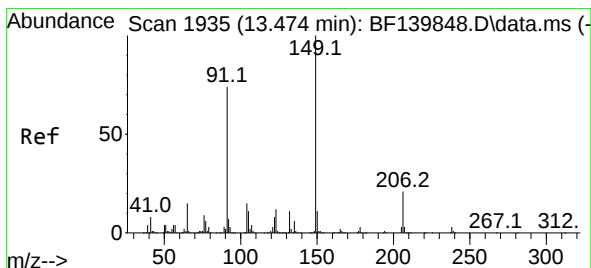
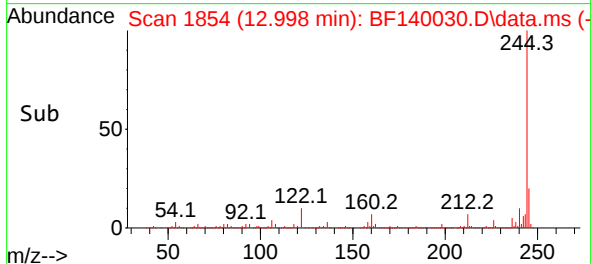
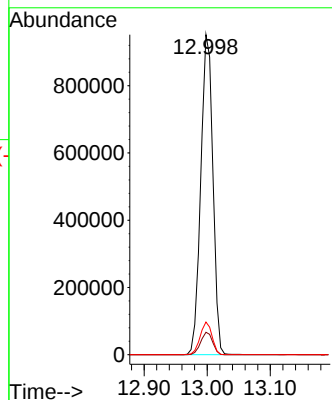


#79
 Terphenyl-d14
 Concen: 101.538 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF140030.D
 Acq: 25 Oct 2024 11:41

Instrument :
 BNA_F
 ClientSampleId :
 PB164374BS

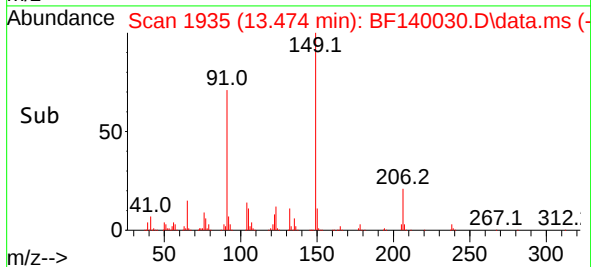
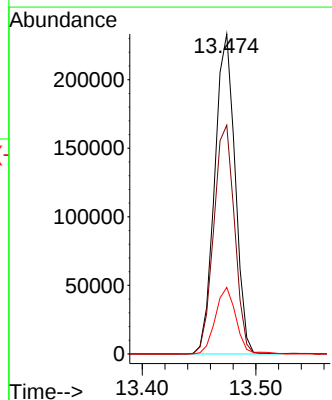
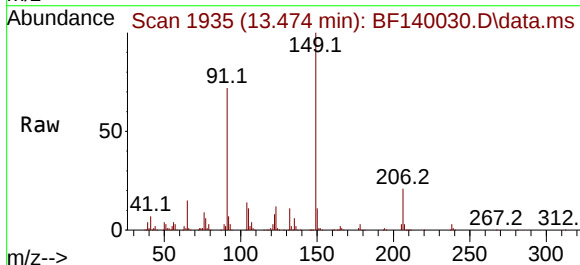


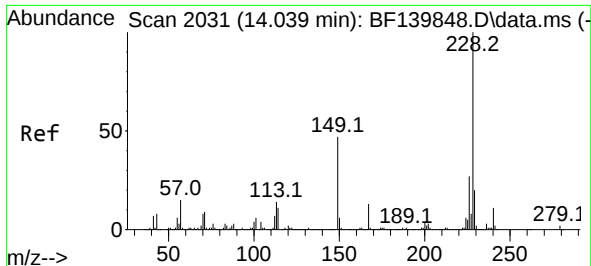
Tgt Ion:244 Resp: 1268534
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.2 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 54.448 ng
 RT: 13.474 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF140030.D
 Acq: 25 Oct 2024 11:41

Tgt Ion:149 Resp: 290878
 Ion Ratio Lower Upper
 149 100
 91 71.5 59.4 89.2
 206 20.8 16.4 24.6

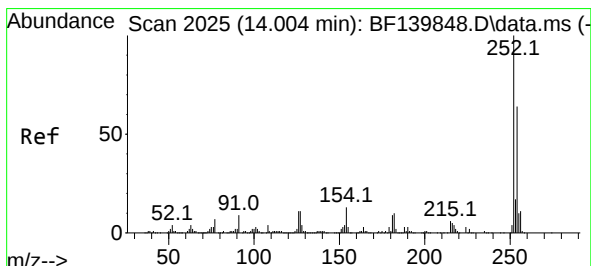
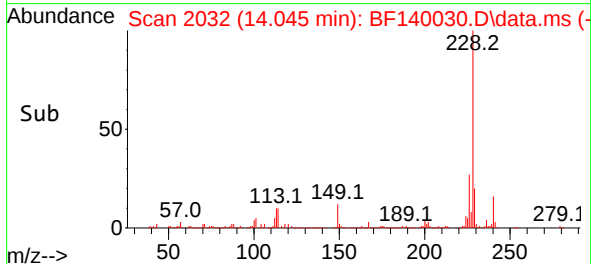
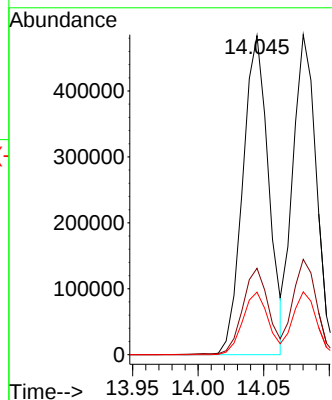
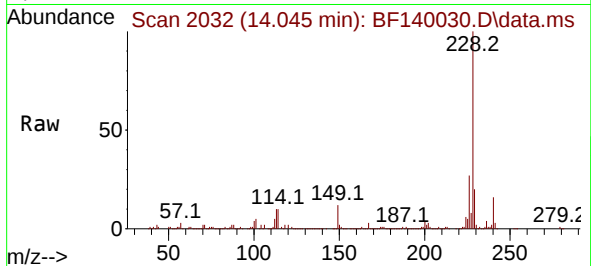




#81
Benzo(a)anthracene
Concen: 50.103 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

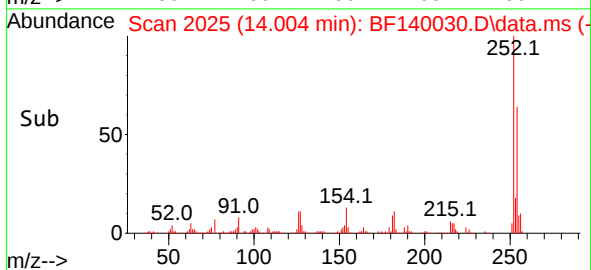
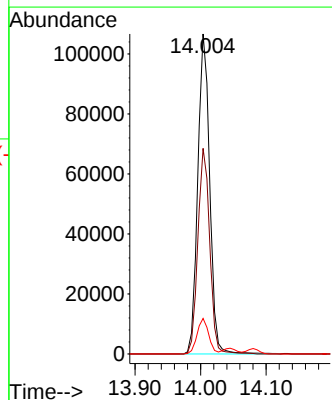
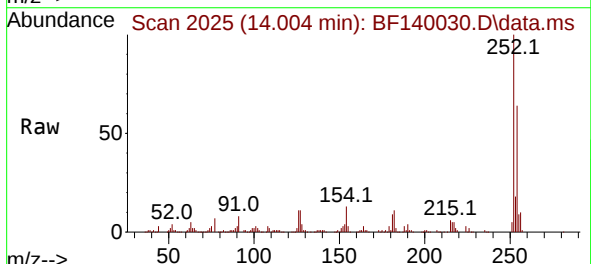
Instrument :
BNA_F
ClientSampleId :
PB164374BS

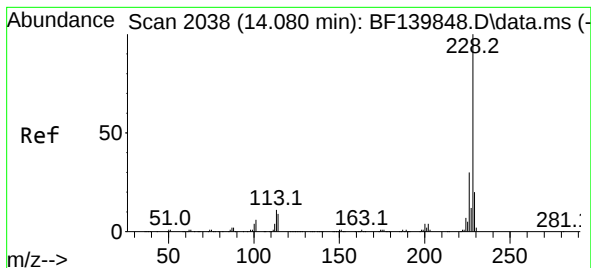
Tgt Ion:228 Resp: 663969
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.6 16.1 24.1



#82
3,3'-Dichlorobenzidine
Concen: 34.965 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140030.D
Acq: 25 Oct 2024 11:41

Tgt Ion:252 Resp: 135101
Ion Ratio Lower Upper
252 100
254 64.2 50.8 76.2
126 11.1 8.9 13.3





#83

Chrysene

Concen: 49.663 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

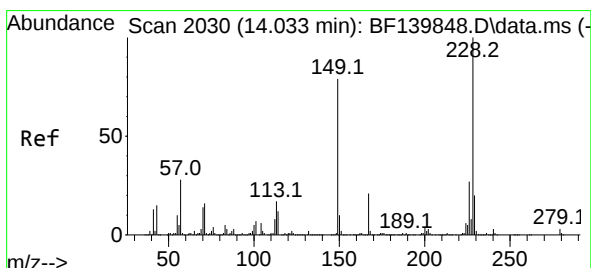
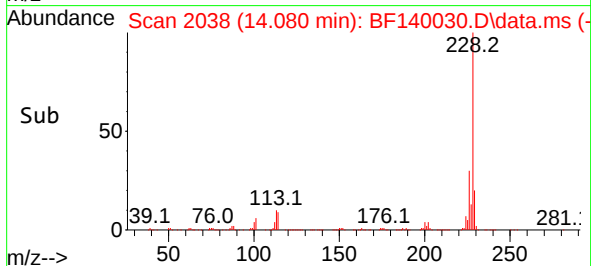
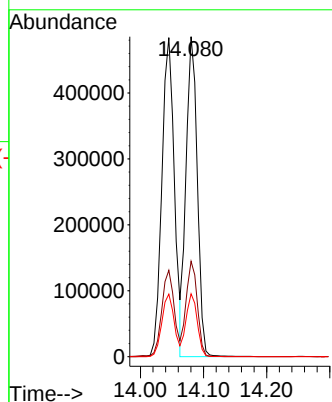
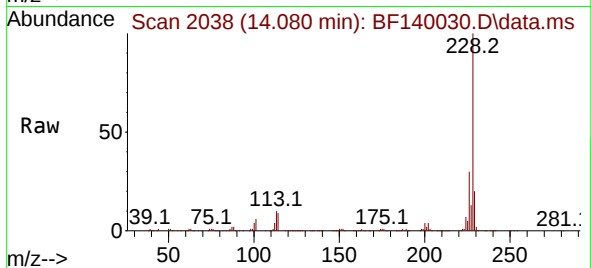
Tgt Ion:228 Resp: 603436

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.822 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

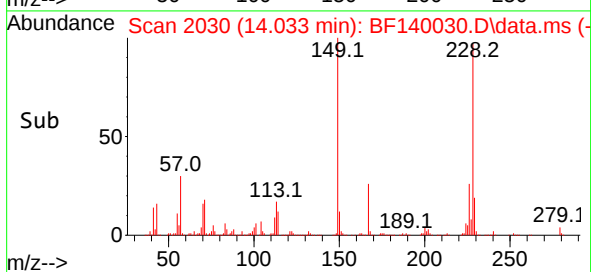
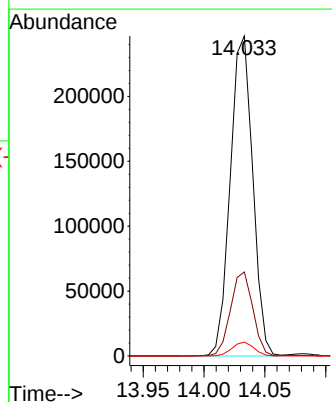
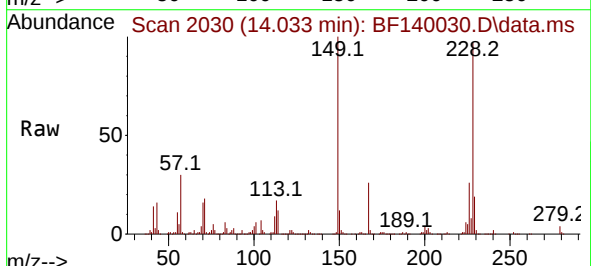
Tgt Ion:149 Resp: 316605

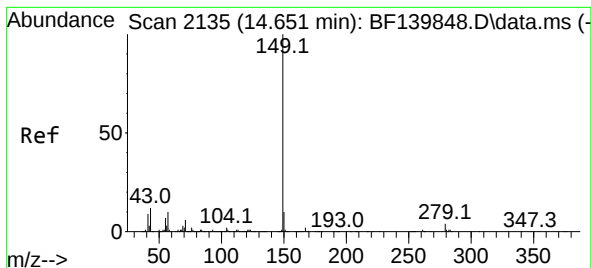
Ion Ratio Lower Upper

149 100

167 26.2 21.4 32.0

279 4.4 3.0 4.4





#85

Di-n-octyl phthalate

Concen: 41.540 ng

RT: 14.645 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

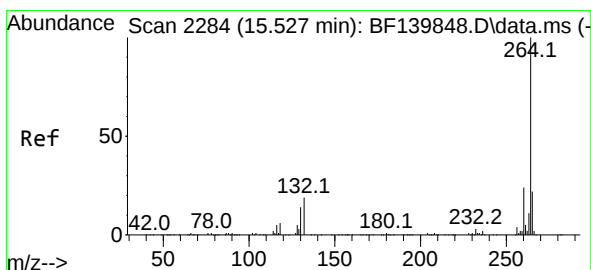
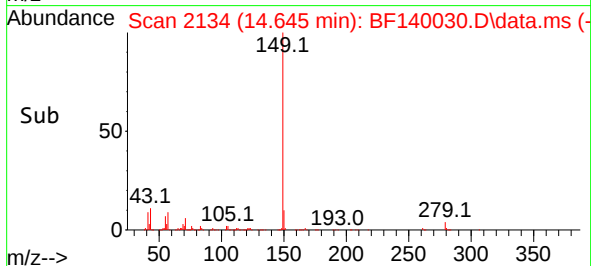
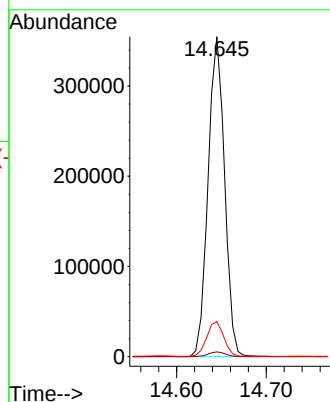
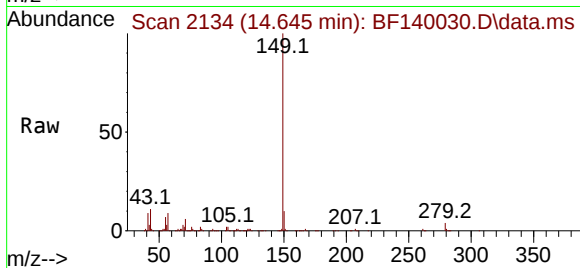
Tgt Ion:149 Resp: 452867

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 11.1 9.8 14.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

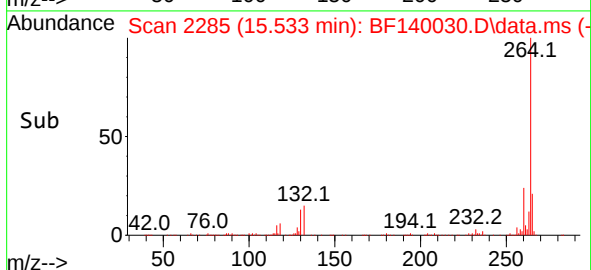
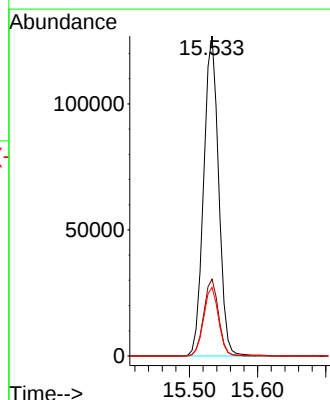
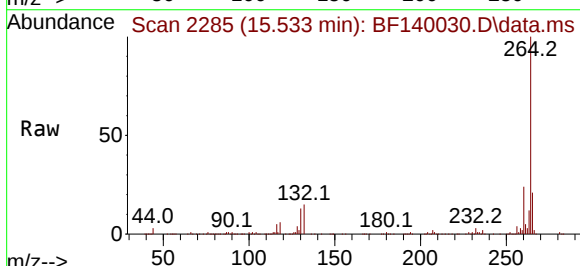
Tgt Ion:264 Resp: 193759

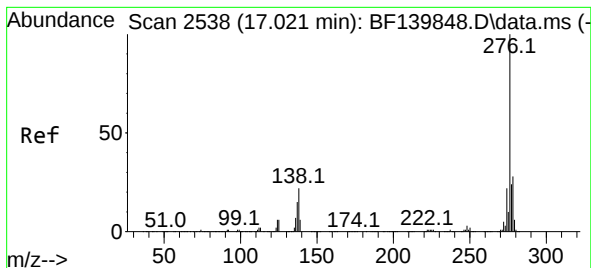
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 51.379 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

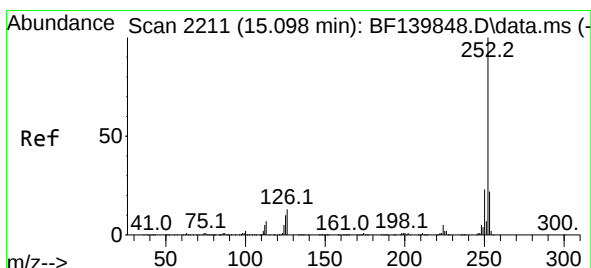
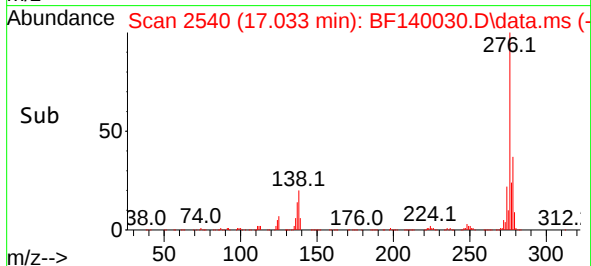
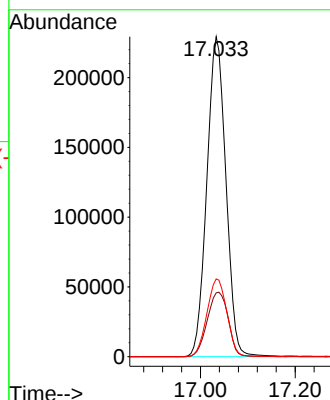
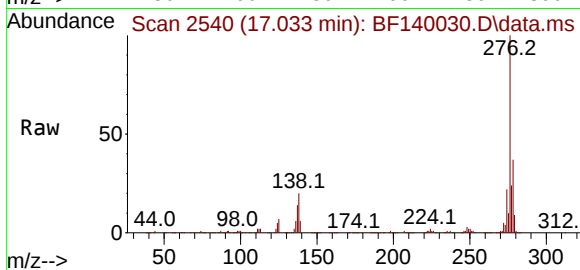
Tgt Ion:276 Resp: 640442

Ion Ratio Lower Upper

276 100

138 22.2 20.4 30.6

277 25.5 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 49.361 ng

RT: 15.098 min Scan# 2211

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

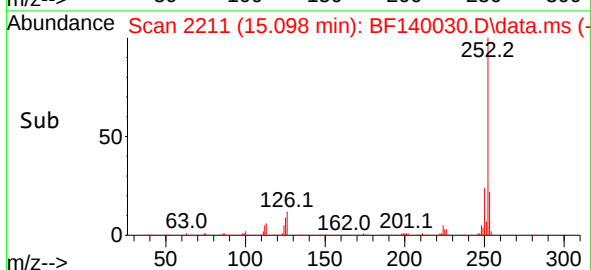
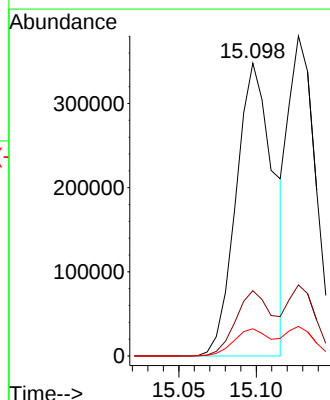
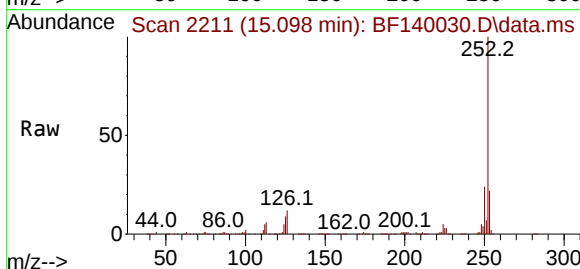
Tgt Ion:252 Resp: 582607

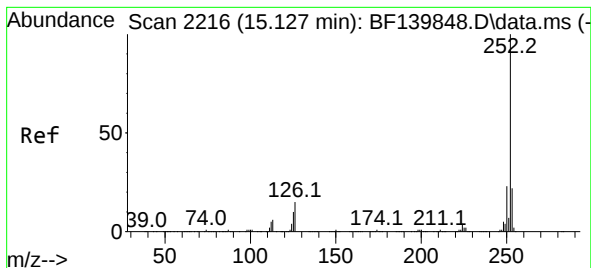
Ion Ratio Lower Upper

252 100

253 22.3 17.6 26.4

125 9.3 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 45.843 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

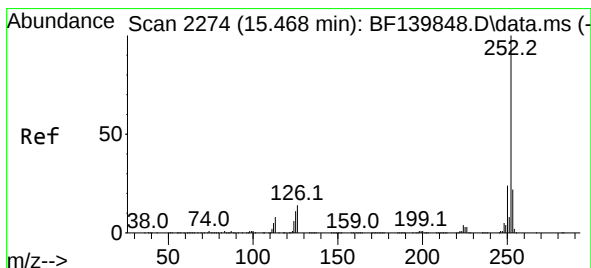
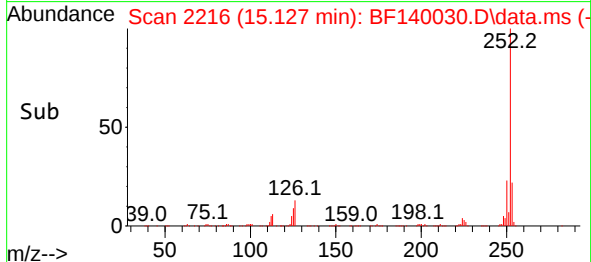
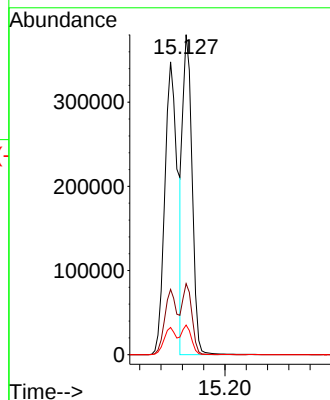
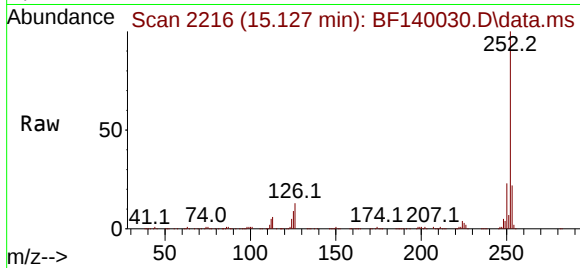
Tgt Ion:252 Resp: 466644

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

125 9.3 7.9 11.9



#90

Benzo(a)pyrene

Concen: 52.066 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

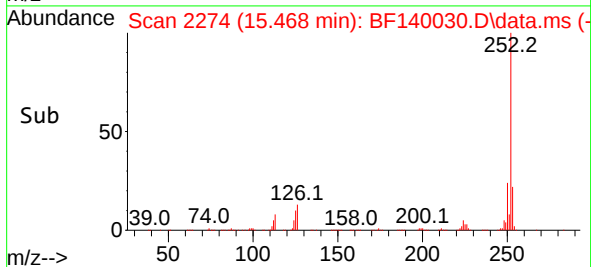
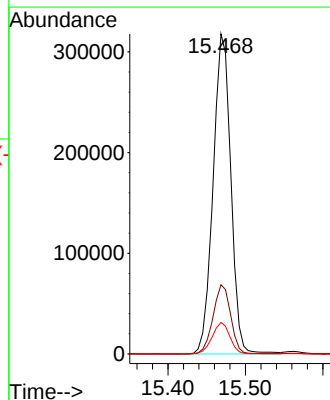
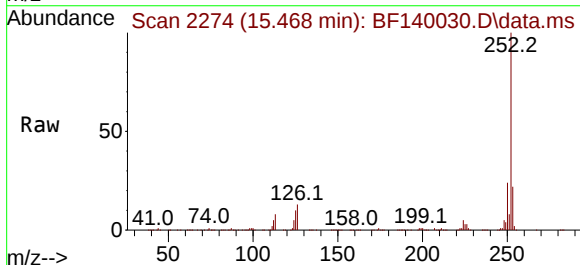
Tgt Ion:252 Resp: 505655

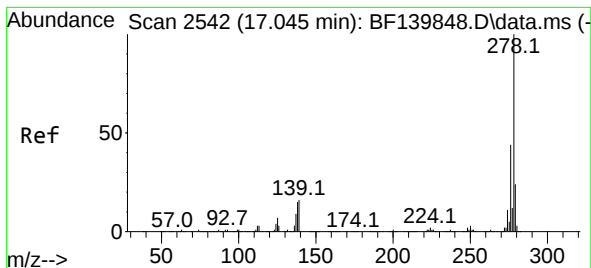
Ion Ratio Lower Upper

252 100

253 21.6 17.3 25.9

125 9.9 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 50.068 ng

RT: 17.051 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Instrument :

BNA_F

ClientSampleId :

PB164374BS

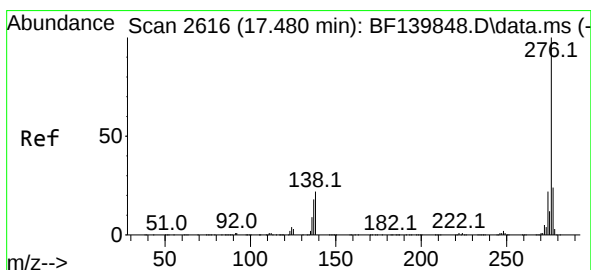
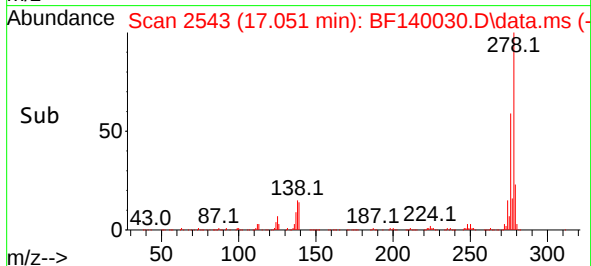
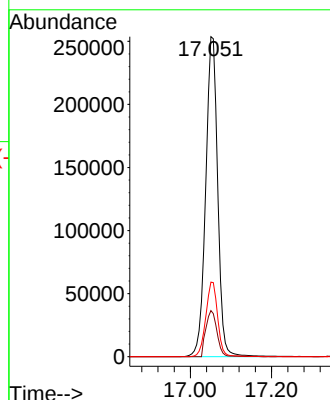
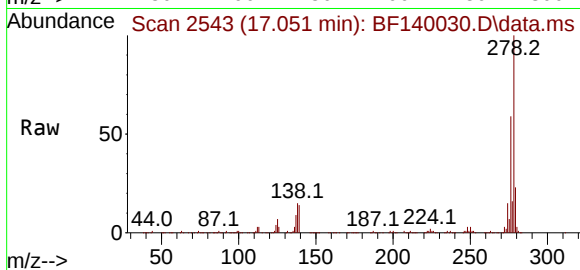
Tgt Ion:278 Resp: 520633

Ion Ratio Lower Upper

278 100

139 14.4 13.1 19.7

279 23.3 19.0 28.4



#92

Benzo(g,h,i)perylene

Concen: 48.276 ng

RT: 17.486 min Scan# 2617

Delta R.T. 0.006 min

Lab File: BF140030.D

Acq: 25 Oct 2024 11:41

Tgt Ion:276 Resp: 501438

Ion Ratio Lower Upper

276 100

277 22.9 19.0 28.6

138 18.6 17.4 26.0

