

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111924\
 Data File : BF140465.D
 Acq On : 19 Nov 2024 11:36
 Operator : RC/JU
 Sample : P4848-02MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Quant Time: Nov 19 12:09:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	148608	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	566127	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	313272	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	585294	20.000	ng	0.00
76) Chrysene-d12	14.057	240	347810	20.000	ng	0.00
86) Perylene-d12	15.568	264	308234	20.000	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1220287	140.201	ng	0.03
7) Phenol-d6	6.522	99	1602762	135.916	ng	0.02
23) Nitrobenzene-d5	7.439	82	1095061	100.782	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	495187	158.956	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1928677	98.970	ng	0.00
79) Terphenyl-d14	12.986	244	2195898	109.589	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.863	88	160324	41.328	ng	# 81
3) Pyridine	3.575	79	300848	31.546	ng	98
4) n-Nitrosodimethylamine	3.510	42	213311	44.255	ng	98
6) Aniline	6.545	93	198126	19.314	ng	# 11
8) 2-Chlorophenol	6.669	128	469987	50.268	ng	96
9) Benzaldehyde	6.428	77	9932	1.405	ng	98
10) Phenol	6.534	94	568115	45.683	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	484622	51.431	ng	98
12) 1,3-Dichlorobenzene	6.816	146	411932	39.932	ng	100
13) 1,4-Dichlorobenzene	6.892	146	418312	39.992	ng	99
14) 1,2-Dichlorobenzene	7.045	146	414326	42.668	ng	98
15) Benzyl Alcohol	7.022	79	440652	51.866	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	583985	44.869	ng	57
17) 2-Methylphenol	7.134	107	387748	50.414	ng	# 93
18) Hexachloroethane	7.386	117	154785	40.028	ng	99
19) n-Nitroso-di-n-propyla...	7.287	70	340451	47.802	ng	99
20) 3+4-Methylphenols	7.287	107	486185	50.546	ng	91
22) Acetophenone	7.281	105	624692	47.444	ng	98
24) Nitrobenzene	7.457	77	514776	45.503	ng	99
25) Isophorone	7.692	82	965292	50.127	ng	100
26) 2-Nitrophenol	7.769	139	255797	50.954	ng	99
27) 2,4-Dimethylphenol	7.810	122	405039m	63.020	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	583729	49.435	ng	99
29) 2,4-Dichlorophenol	8.016	162	415180	52.269	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	390055	44.107	ng	100
31) Naphthalene	8.175	128	1338834	46.619	ng	100
32) Benzoic acid	7.945	122	307936	54.449	ng	97
33) 4-Chloroaniline	8.239	127	96753	9.687	ng	99
34) Hexachlorobutadiene	8.286	225	242301	43.003	ng	99
35) Caprolactam	8.604	113	120807m	45.760	ng	
36) 4-Chloro-3-methylphenol	8.722	107	462551	52.548	ng	98
37) 2-Methylnaphthalene	8.869	142	912299	49.542	ng	99
38) 1-Methylnaphthalene	8.963	142	845840	46.906	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	423136	48.844	ng	99
41) Hexachlorocyclopentadiene	9.016	237	423058	190.202	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	301306	52.998	ng	98

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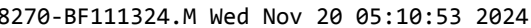
Instrument :
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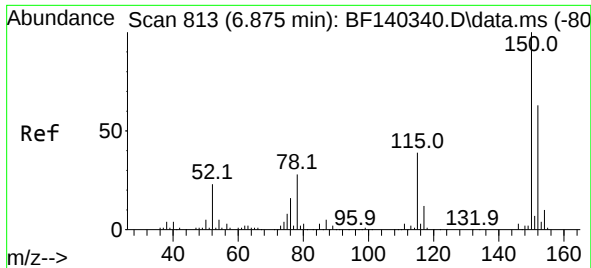
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	322774	51.928	ng	99
46) 1,1'-Biphenyl	9.333	154	1140532	50.044	ng	99
47) 2-Chloronaphthalene	9.357	162	852646	49.113	ng	100
48) 2-Nitroaniline	9.457	65	297074	51.597	ng	98
49) Acenaphthylene	9.775	152	1423604	54.198	ng	99
50) Dimethylphthalate	9.633	163	1094789	53.615	ng	100
51) 2,6-Dinitrotoluene	9.698	165	237696	51.061	ng	98
52) Acenaphthene	9.945	154	1035841m	58.386	ng	
53) 3-Nitroaniline	9.869	138	91881	18.794	ng	100
54) 2,4-Dinitrophenol	9.980	184	283674	118.170	ng	98
55) Dibenzofuran	10.116	168	1297440	51.660	ng	100
56) 4-Nitrophenol	10.045	139	354789	99.494	ng	99
57) 2,4-Dinitrotoluene	10.104	165	322670	52.667	ng	98
58) Fluorene	10.463	166	1001510	50.478	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	281966	57.452	ng	99
60) Diethylphthalate	10.333	149	1083309	51.883	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	497647	50.806	ng	98
62) 4-Nitroaniline	10.486	138	226725	45.357	ng	100
63) Azobenzene	10.610	77	1061785	51.467	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	188887	59.983	ng	97
66) n-Nitrosodiphenylamine	10.575	169	889356	52.590	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	309440	52.890	ng	99
68) Hexachlorobenzene	11.010	284	346067	52.571	ng	97
69) Atrazine	11.098	200	254923	49.825	ng	99
70) Pentachlorophenol	11.210	266	379019	106.888	ng	98
71) Phenanthrene	11.427	178	1438855	52.333	ng	100
72) Anthracene	11.480	178	1465226	54.376	ng	100
73) Carbazole	11.633	167	1349540	50.722	ng	100
74) Di-n-butylphthalate	11.957	149	1659537	51.968	ng	99
75) Fluoranthene	12.616	202	1574134	51.031	ng	100
77) Benzidine	12.745	184	45876	3.437	ng	98
78) Pyrene	12.845	202	1597064	53.682	ng	99
80) Butylbenzylphthalate	13.457	149	660343	57.779	ng	99
81) Benzo(a)anthracene	14.045	228	1225212	53.599	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	202214	27.831	ng	99
83) Chrysene	14.086	228	1146211	54.956	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	877551	57.526	ng	98
85) Di-n-octyl phthalate	14.668	149	1314455	61.181	ng	99
87) Indeno(1,2,3-cd)pyrene	17.080	276	997792	52.404	ng	100
88) Benzo(b)fluoranthene	15.133	252	1018274	50.502	ng	99
89) Benzo(k)fluoranthene	15.162	252	938884	56.999	ng	99
90) Benzo(a)pyrene	15.504	252	902932	57.666	ng	99
91) Dibenzo(a,h)anthracene	17.092	278	806817	51.263	ng	99
92) Benzo(g,h,i)perylene	17.533	276	744822	46.290	ng	98

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

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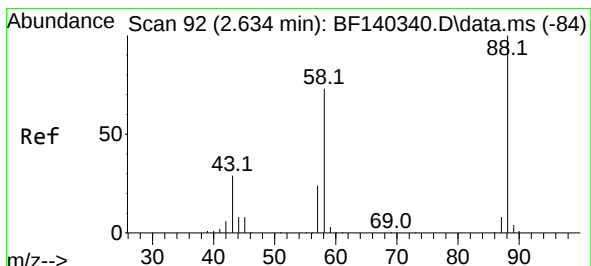
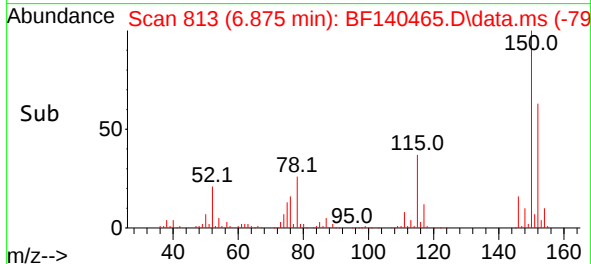
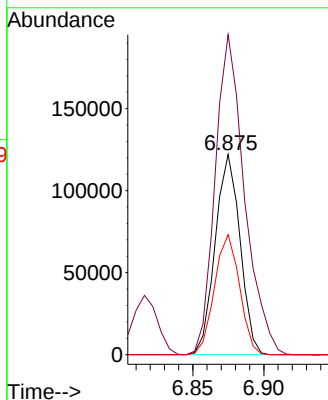
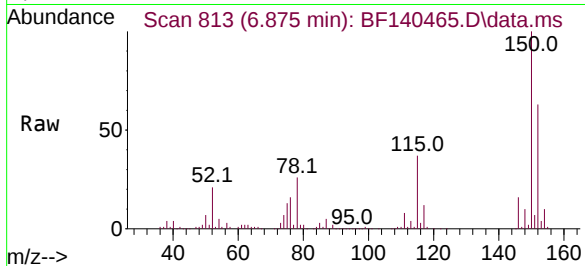




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140465.D
 Acq: 19 Nov 2024 11:36

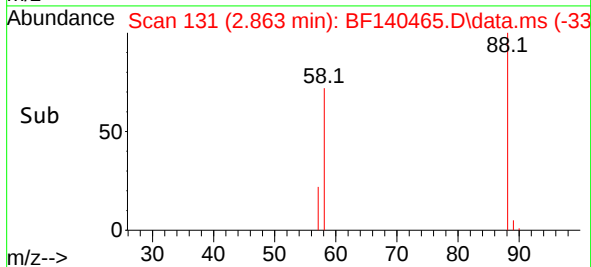
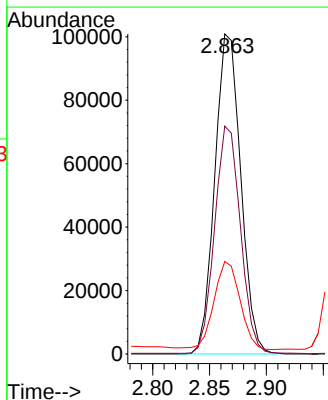
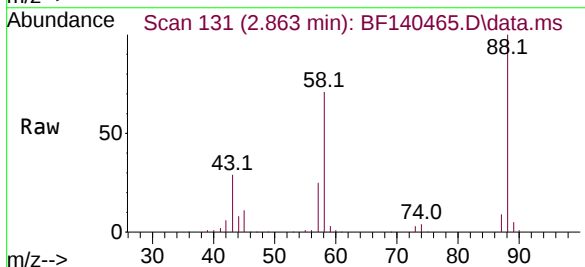
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion:152 Resp: 148608
 Ion Ratio Lower Upper
 152 100
 150 159.9 127.4 191.0
 115 60.0 47.4 71.2



#2
 1,4-Dioxane
 Concen: 41.328 ng
 RT: 2.863 min Scan# 131
 Delta R.T. 0.229 min
 Lab File: BF140465.D
 Acq: 19 Nov 2024 11:36

Tgt Ion: 88 Resp: 160324
 Ion Ratio Lower Upper
 88 100
 58 70.3 59.5 89.3
 43 0.0 23.4 35.2#





#3

Pyridine

Concen: 31.546 ng

RT: 3.575 min Scan# 21

Delta R.T. 0.170 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

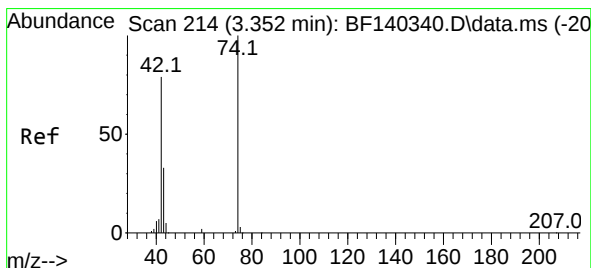
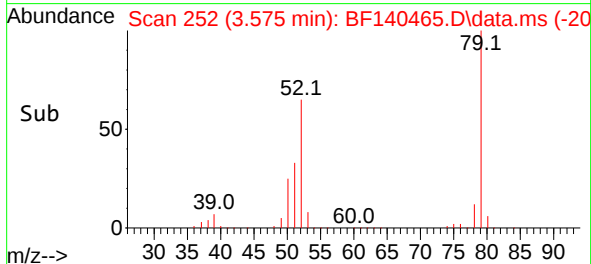
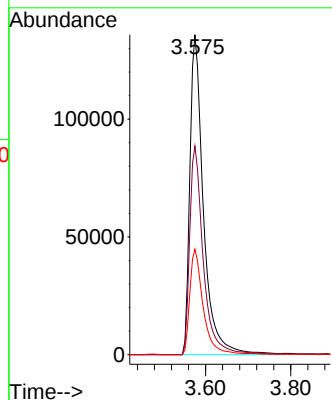
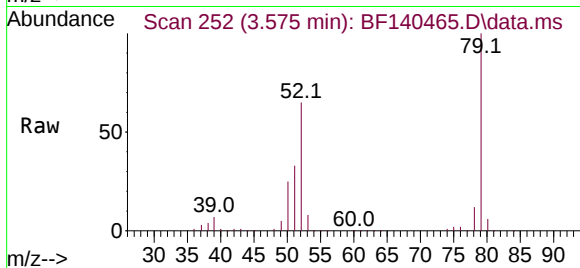
Tgt Ion: 79 Resp: 300848

Ion Ratio Lower Upper

79 100

52 65.2 53.8 80.6

51 32.9 27.3 40.9



#4

n-Nitrosodimethylamine

Concen: 44.255 ng

RT: 3.510 min Scan# 241

Delta R.T. 0.153 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

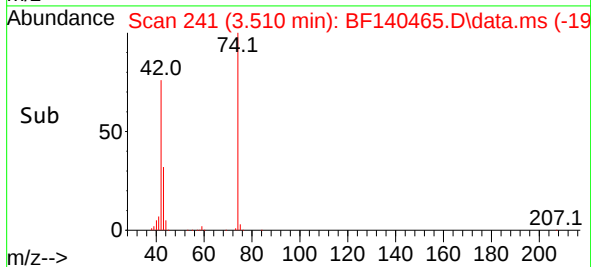
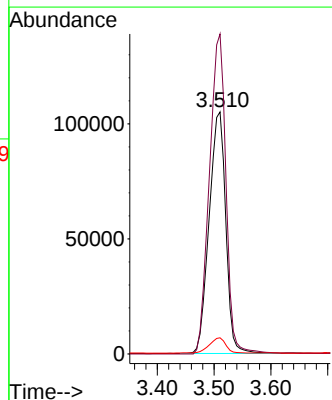
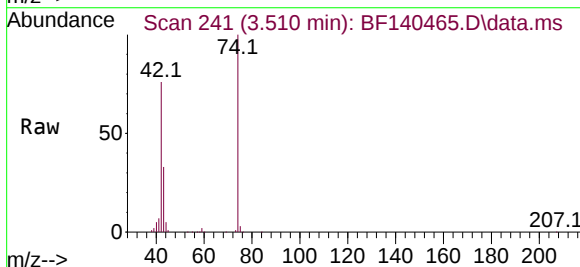
Tgt Ion: 42 Resp: 213311

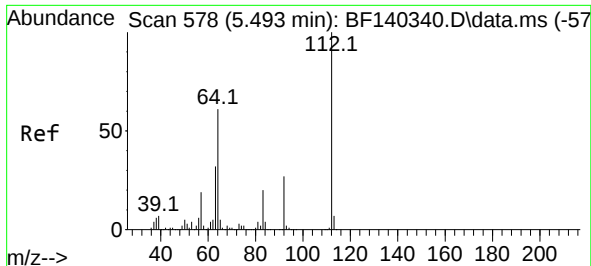
Ion Ratio Lower Upper

42 100

74 132.2 103.5 155.3

44 6.7 5.1 7.7

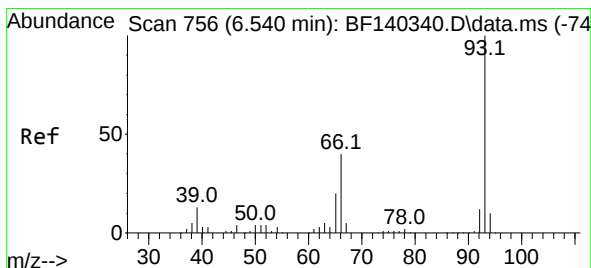
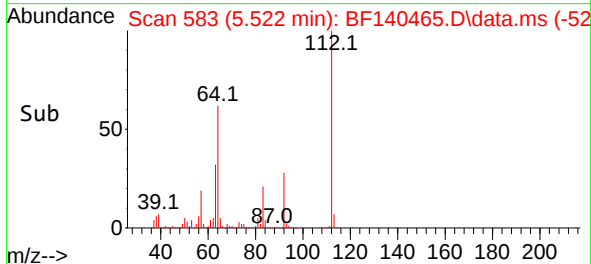
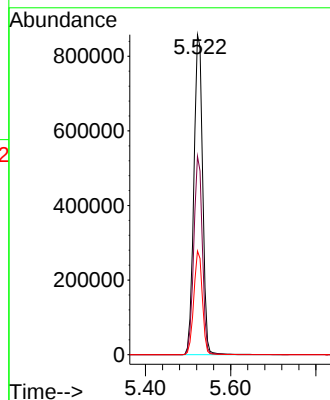
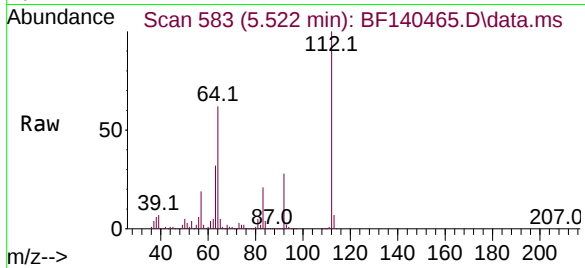




#5
2-Fluorophenol
Concen: 140.201 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.029 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

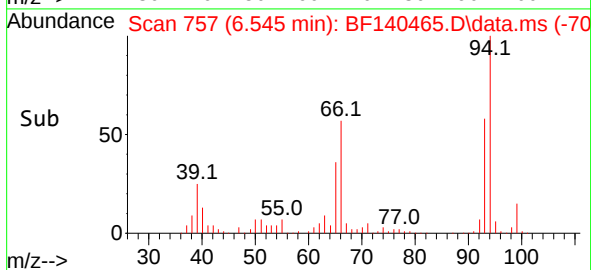
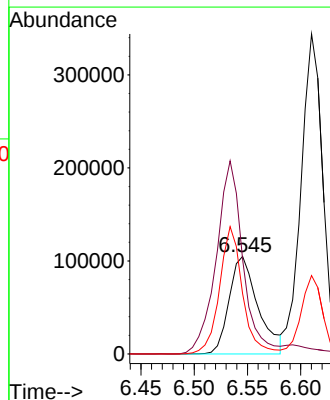
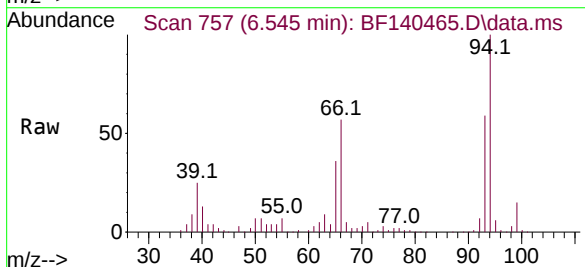
Instrument :
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ClientSampleId :
TP-1MS

Tgt Ion:112 Resp: 1220287
Ion Ratio Lower Upper
112 100
64 62.0 49.2 73.8
63 32.4 25.6 38.4



#6
Aniline
Concen: 19.314 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion: 93 Resp: 198126
Ion Ratio Lower Upper
93 100
66 96.9 32.8 49.2#
65 61.9 16.6 25.0#

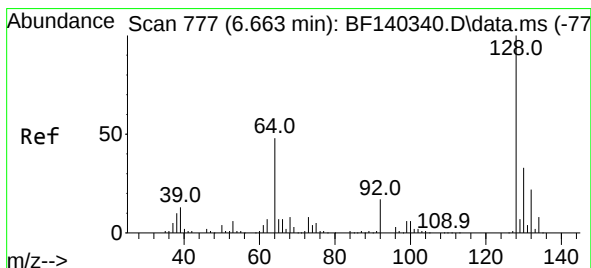
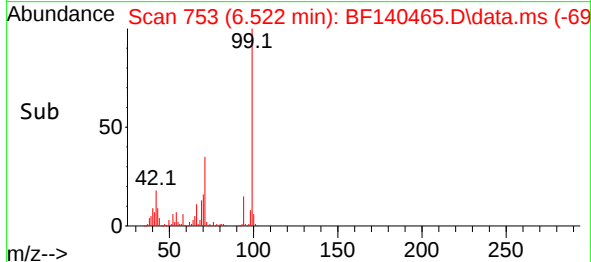
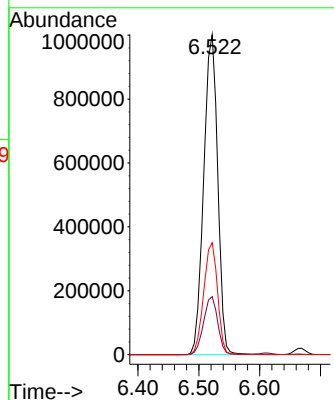
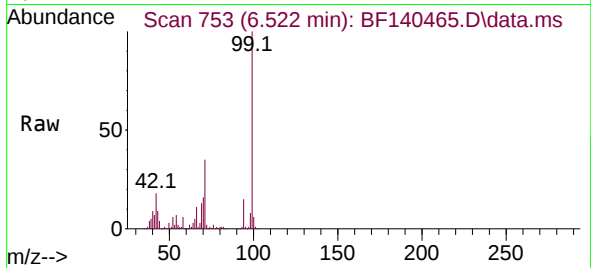




#7
Phenol-d6
Concen: 135.916 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

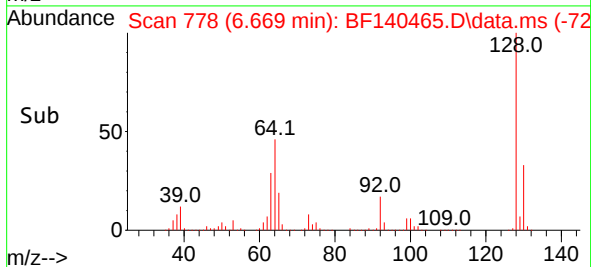
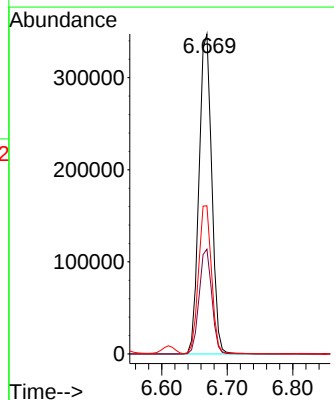
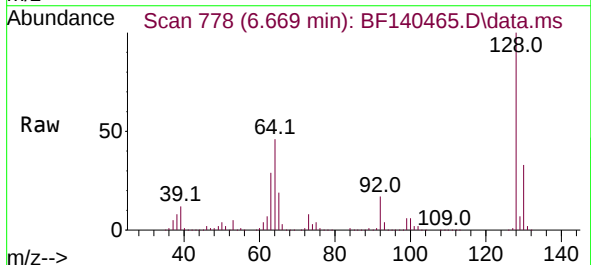
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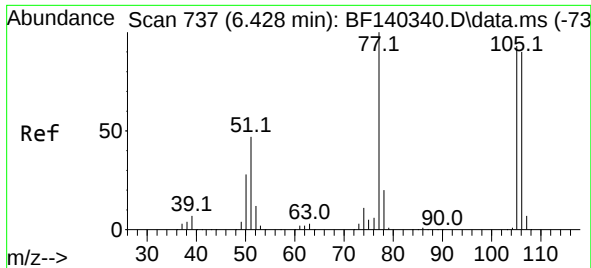
Tgt Ion: 99 Resp: 1602762
Ion Ratio Lower Upper
99 100
42 18.2 15.1 22.7
71 35.0 27.9 41.9



#8
2-Chlorophenol
Concen: 50.268 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:128 Resp: 469987
Ion Ratio Lower Upper
128 100
130 32.8 12.2 52.2
64 46.3 30.2 70.2





#9

Benzaldehyde

Concen: 1.405 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

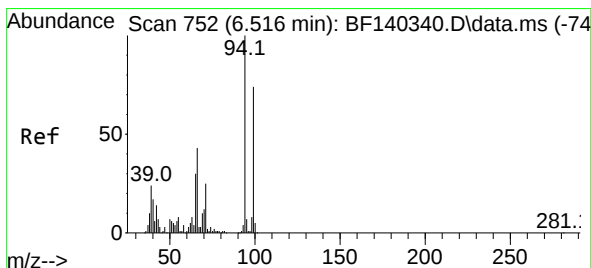
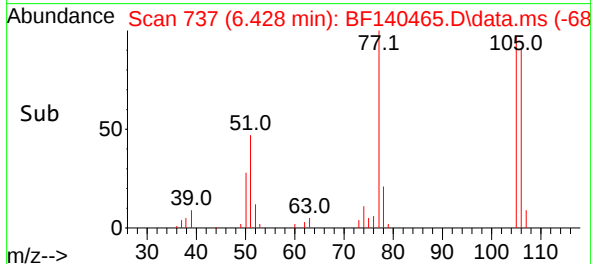
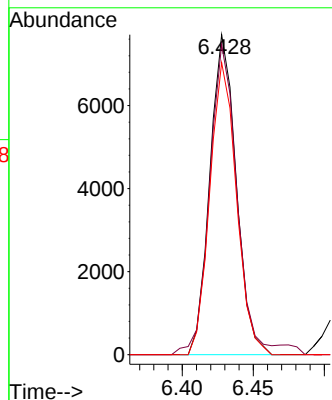
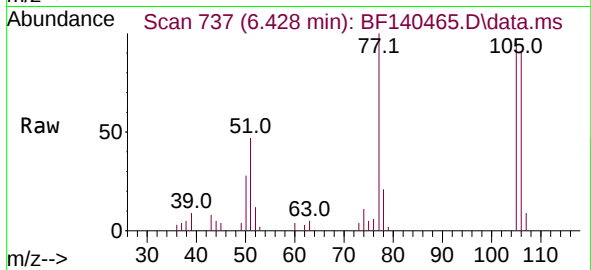
Tgt Ion: 77 Resp: 9932

Ion Ratio Lower Upper

77 100

105 96.9 74.4 114.4

106 91.2 69.9 109.9



#10

Phenol

Concen: 45.683 ng

RT: 6.534 min Scan# 755

Delta R.T. 0.012 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

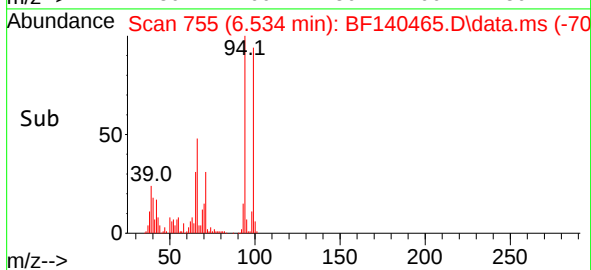
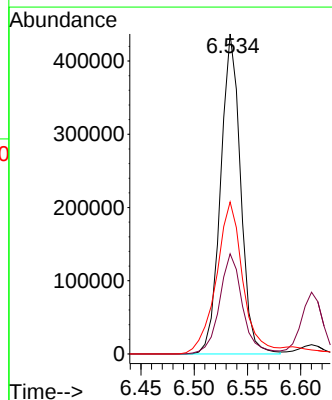
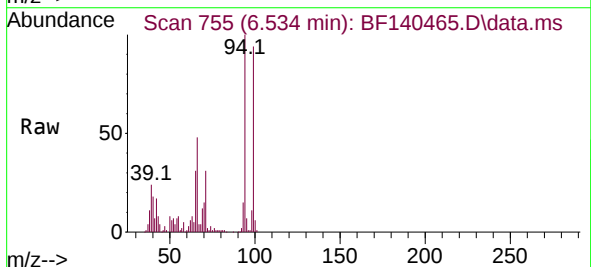
Tgt Ion: 94 Resp: 568115

Ion Ratio Lower Upper

94 100

65 31.3 10.4 50.4

66 47.5 22.9 62.9

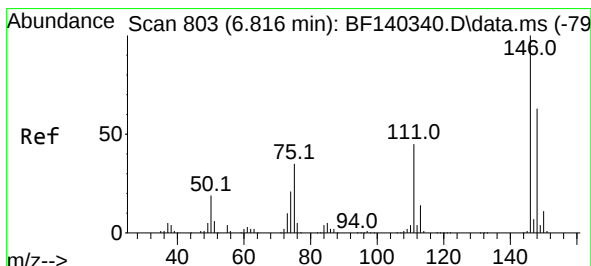
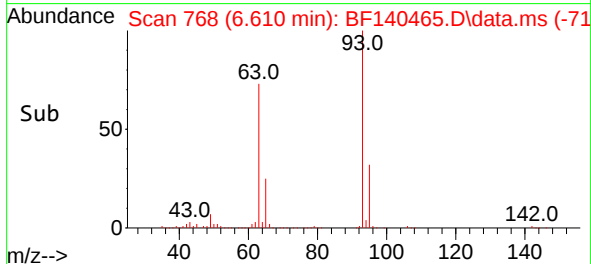
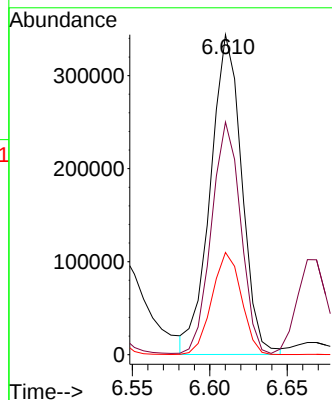
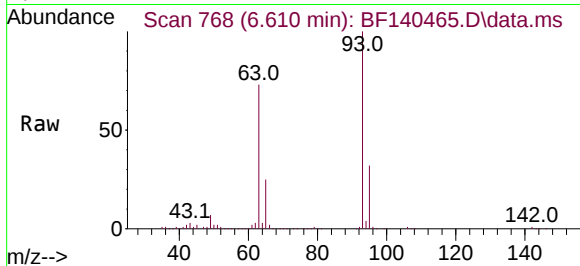




#11
bis(2-Chloroethyl)ether
Concen: 51.431 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

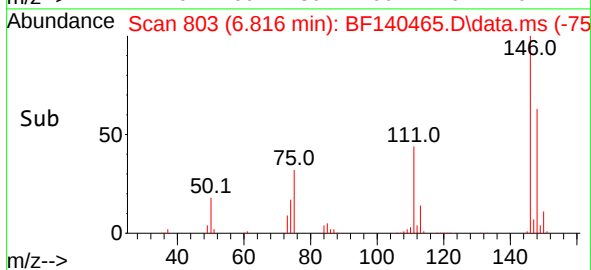
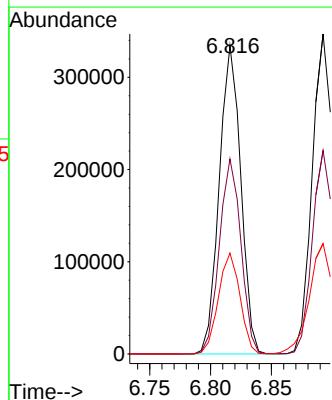
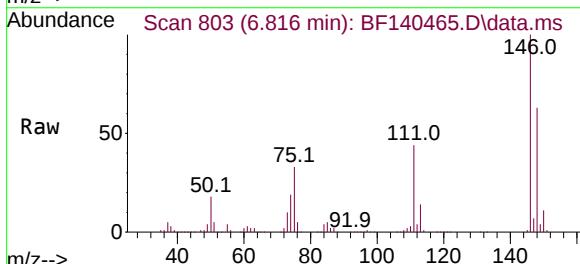
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion: 93 Resp: 484622
Ion Ratio Lower Upper
93 100
63 72.7 54.0 94.0
95 31.9 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.932 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:146 Resp: 411932
Ion Ratio Lower Upper
146 100
148 63.3 50.7 76.1
75 32.7 26.4 39.6

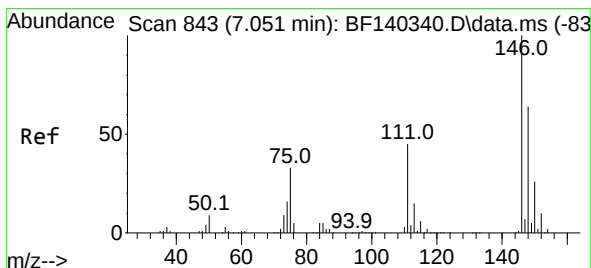
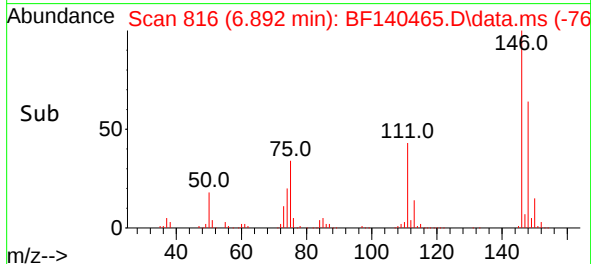
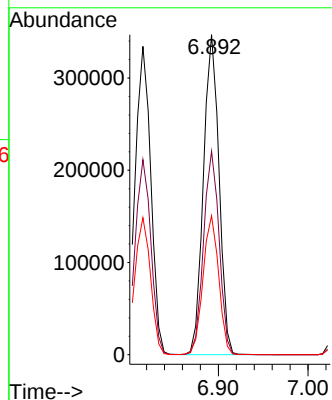
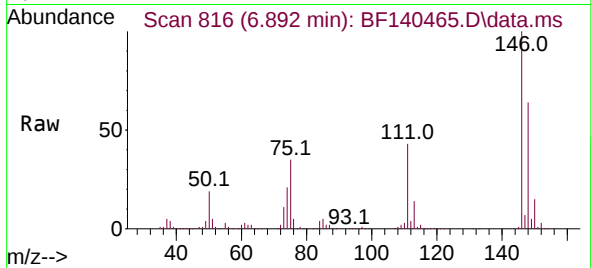




#13
1,4-Dichlorobenzene
Concen: 39.992 ng
RT: 6.892 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

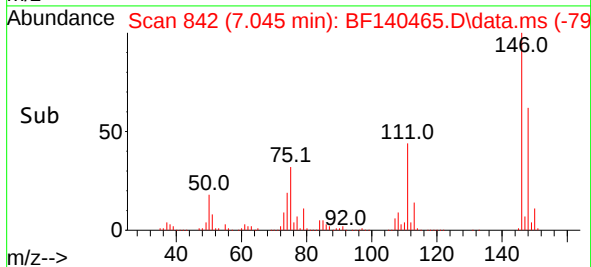
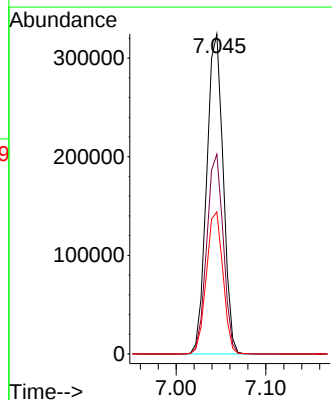
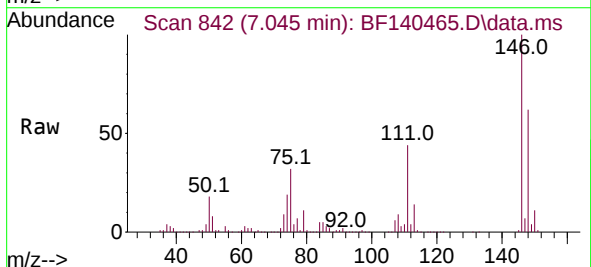
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:146 Resp: 418312
Ion Ratio Lower Upper
146 100
148 63.6 50.8 76.2
111 43.4 34.2 51.2



#14
1,2-Dichlorobenzene
Concen: 42.668 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:146 Resp: 414326
Ion Ratio Lower Upper
146 100
148 62.4 51.2 76.8
111 44.4 36.5 54.7

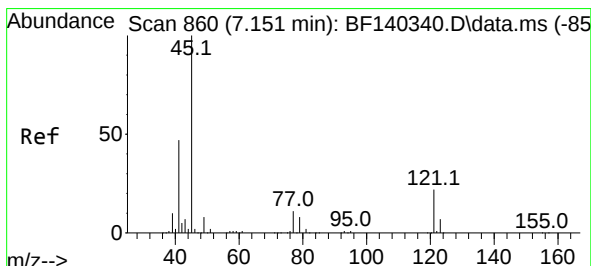
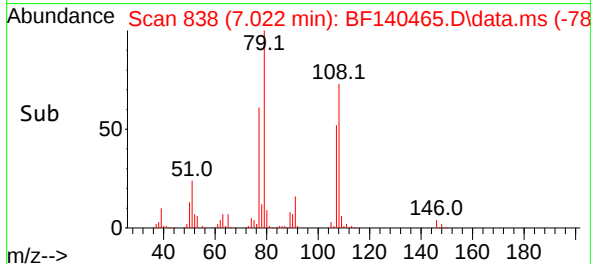
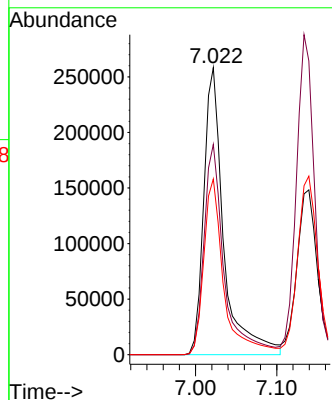
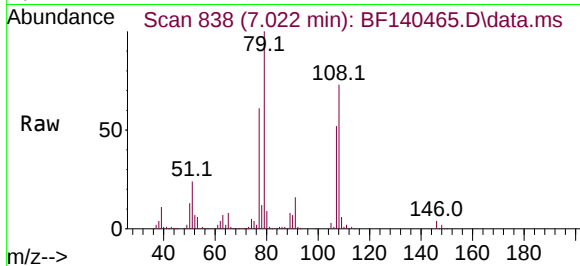




#15
Benzyl Alcohol
Concen: 51.866 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

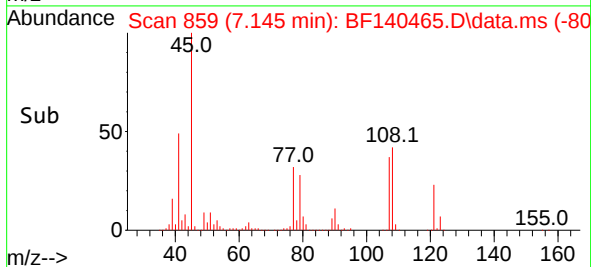
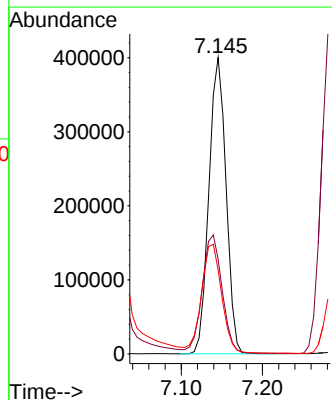
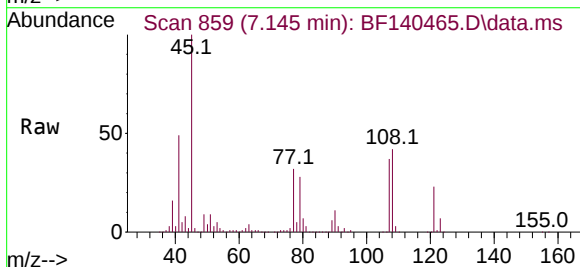
Instrument :
BNA_F
ClientSampleId :
TP-1MS

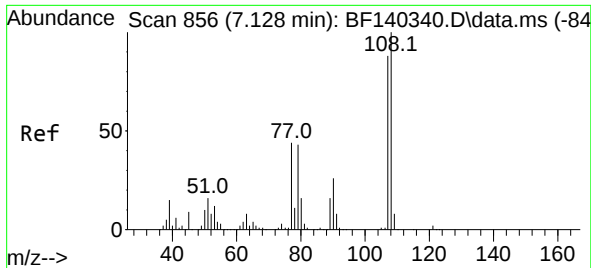
Tgt Ion: 79 Resp: 440652
Ion Ratio Lower Upper
79 100
108 73.2 57.8 86.6
77 61.2 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.869 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion: 45 Resp: 583985
Ion Ratio Lower Upper
45 100
77 32.0 0.0 34.8
79 28.4 0.0 31.4

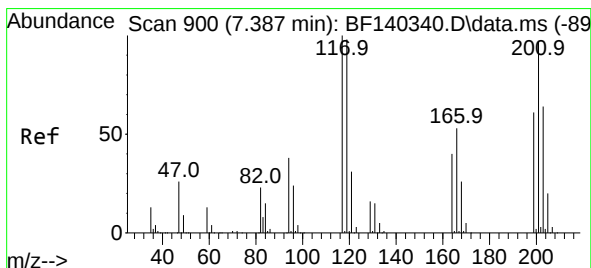
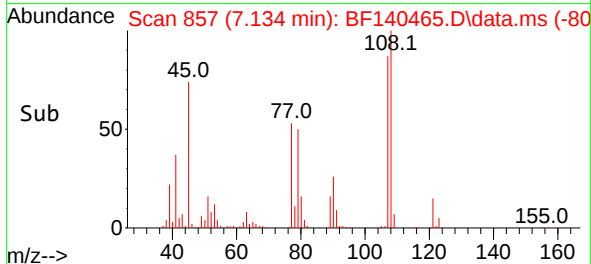
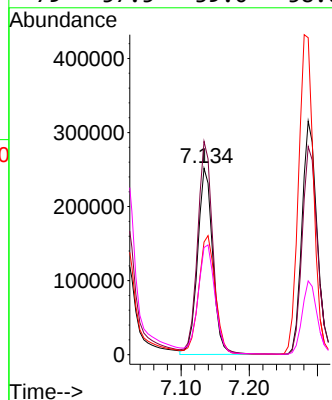
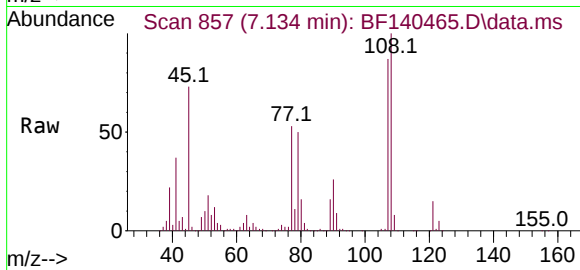




#17
2-Methylphenol
Concen: 50.414 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

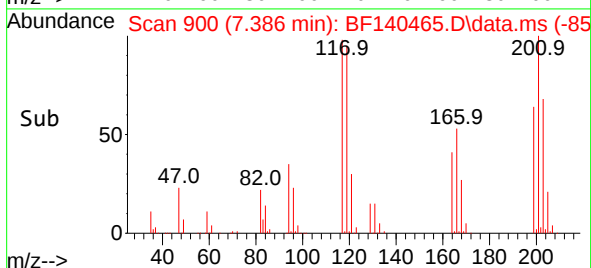
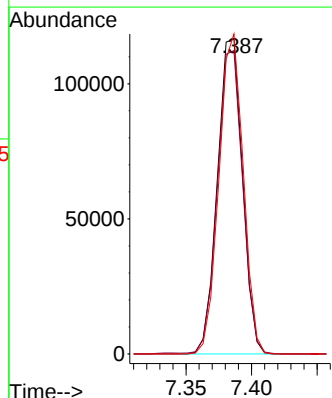
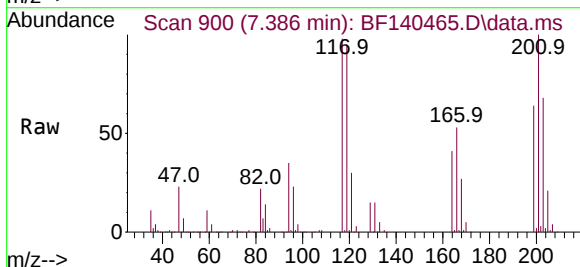
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:107 Resp: 387748
Ion Ratio Lower Upper
107 100
108 114.4 91.9 137.9
77 60.4 39.7 59.5#
79 57.5 39.0 58.6



#18
Hexachloroethane
Concen: 40.028 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:117 Resp: 154785
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3
201 101.6 80.2 120.4

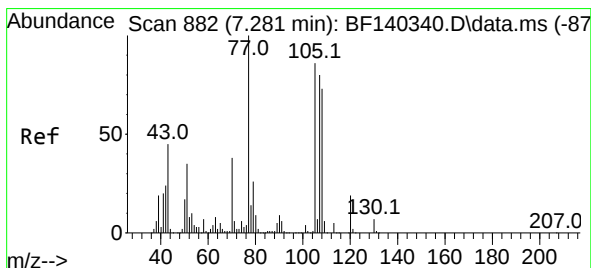
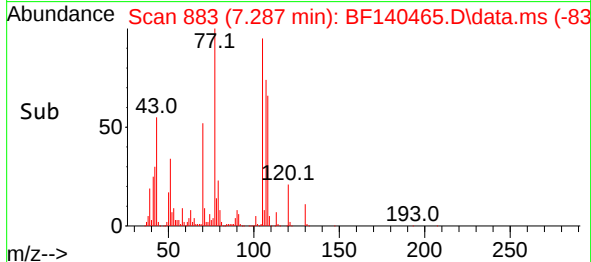
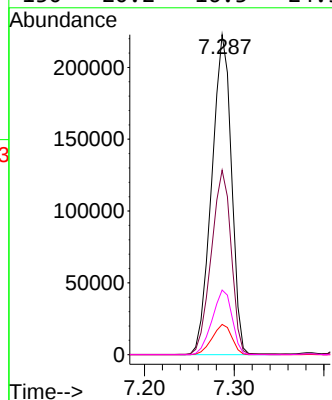
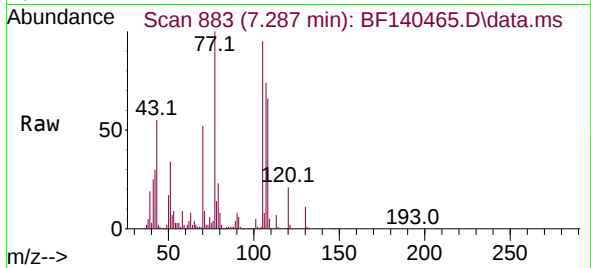




#19
n-Nitroso-di-n-propylamine
Concen: 47.802 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

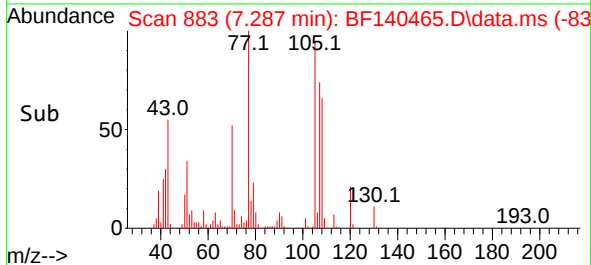
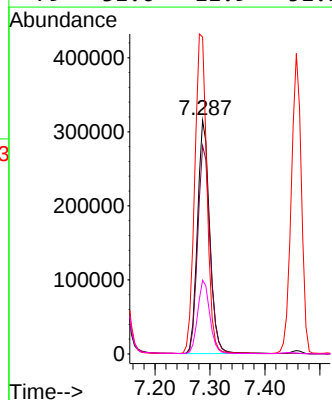
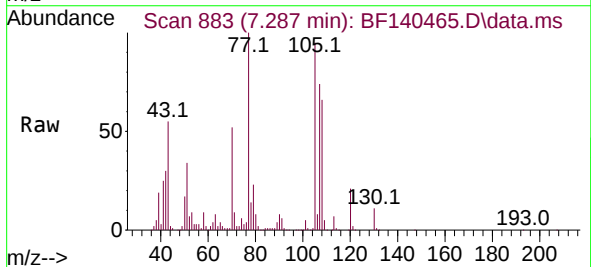
Instrument :
BNA_F
ClientSampleId :
TP-1MS

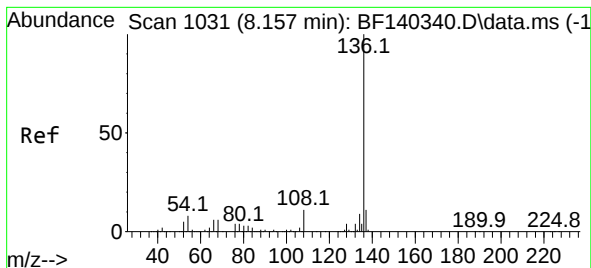
Tgt Ion:	70	Resp:	340451
Ion	Ratio	Lower	Upper
70	100		
42	57.6	46.8	70.2
101	9.5	7.5	11.3
130	20.2	16.3	24.5



#20
3+4-Methylphenols
Concen: 50.546 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:	107	Resp:	486185
Ion	Ratio	Lower	Upper
107	100		
108	89.1	71.4	111.4
77	135.7	97.0	137.0
79	31.6	11.9	51.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:136 Resp: 566127

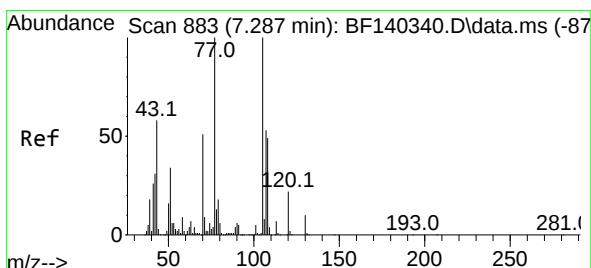
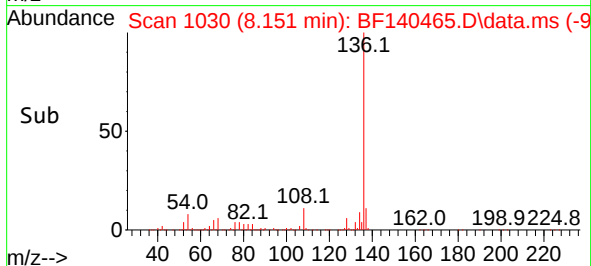
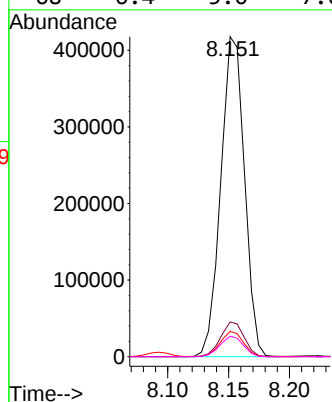
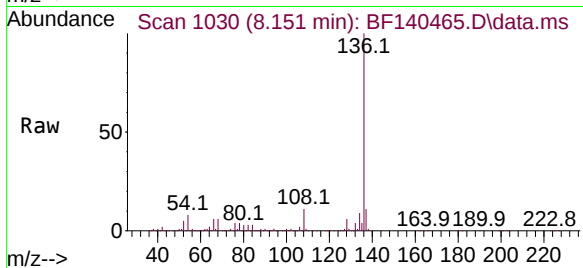
Ion Ratio Lower Upper

136 100

137 10.8 8.7 13.1

54 7.9 6.5 9.7

68 6.4 5.0 7.6



#22

Acetophenone

Concen: 47.444 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Tgt Ion:105 Resp: 624692

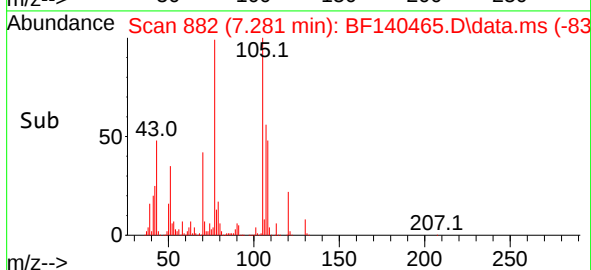
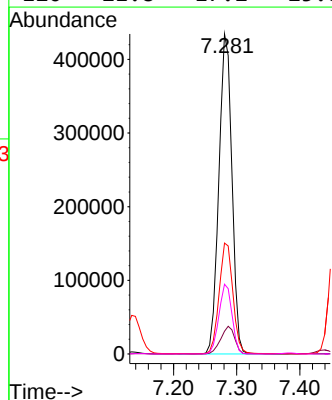
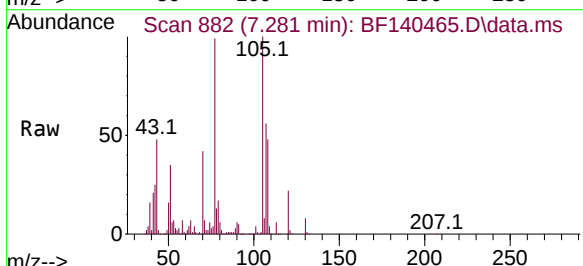
Ion Ratio Lower Upper

105 100

71 7.1 6.9 10.3

51 34.6 28.6 43.0

120 21.8 17.2 25.8



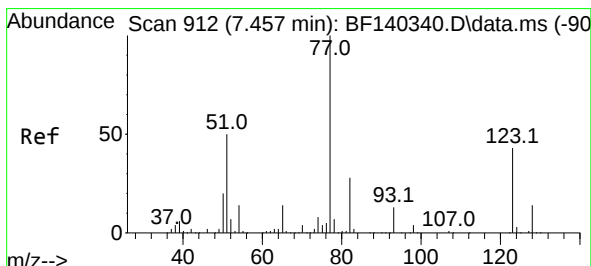
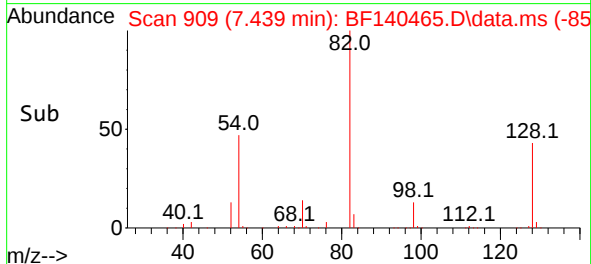
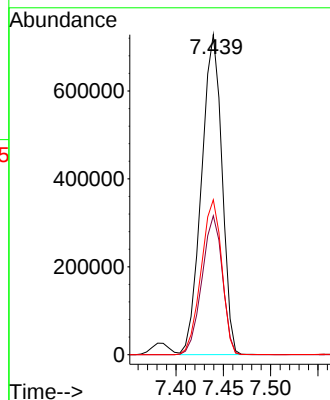
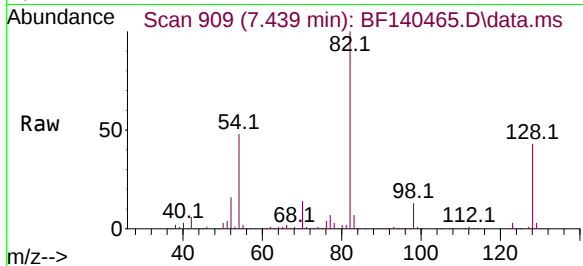


#23
 Nitrobenzene-d5
 Concen: 100.782 ng
 RT: 7.439 min Scan# 909
 Delta R.T. -0.000 min
 Lab File: BF140465.D
 Acq: 19 Nov 2024 11:36

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MS

Tgt Ion: 82 Resp: 1095061

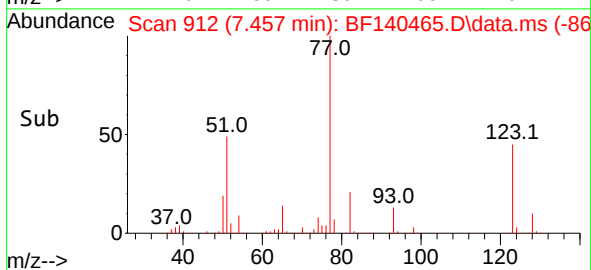
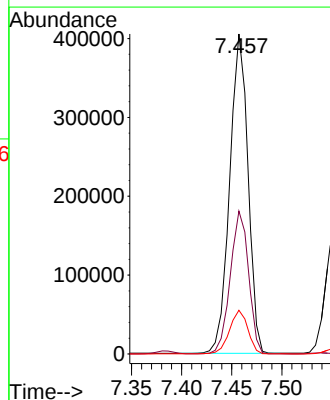
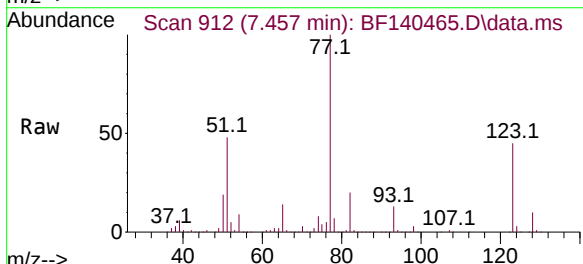
Ion	Ratio	Lower	Upper
82	100		
128	43.4	33.3	49.9
54	48.4	39.8	59.8

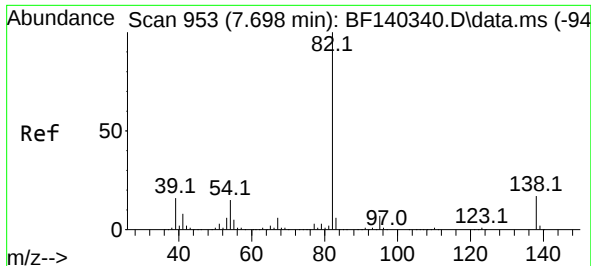


#24
 Nitrobenzene
 Concen: 45.503 ng
 RT: 7.457 min Scan# 912
 Delta R.T. -0.006 min
 Lab File: BF140465.D
 Acq: 19 Nov 2024 11:36

Tgt Ion: 77 Resp: 514776

Ion	Ratio	Lower	Upper
77	100		
123	44.6	35.4	53.0
65	13.7	11.1	16.7

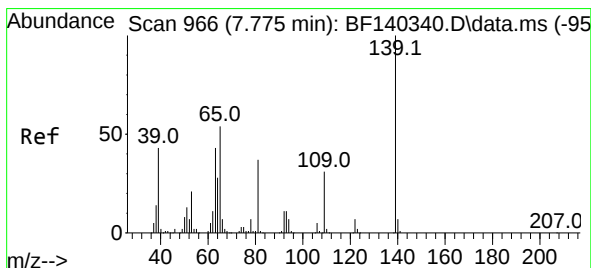
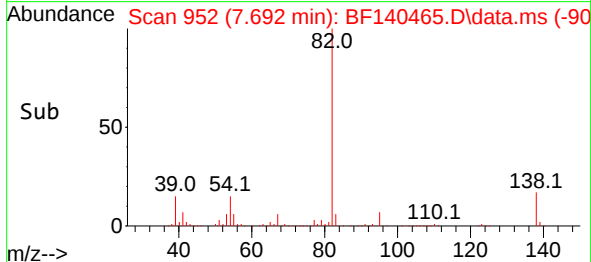
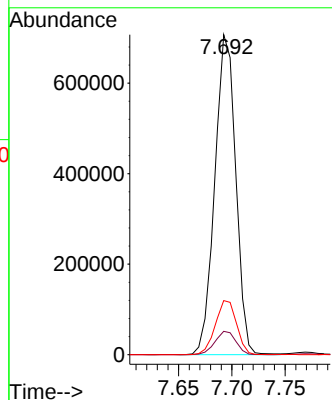
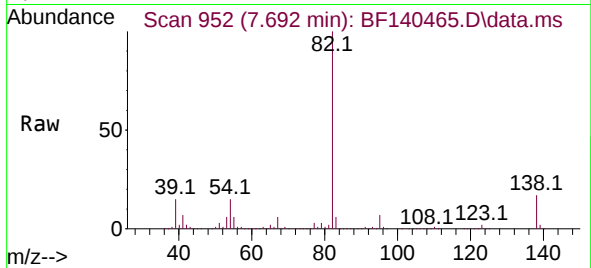




#25
Isophorone
Concen: 50.127 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

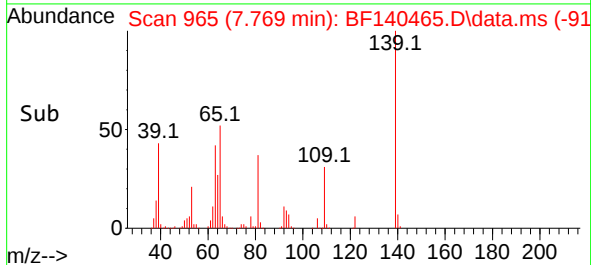
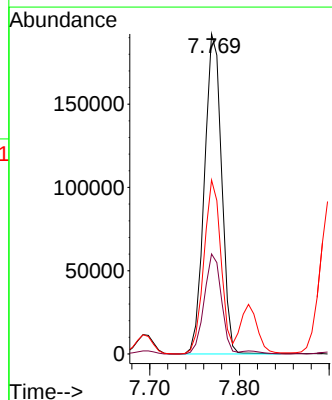
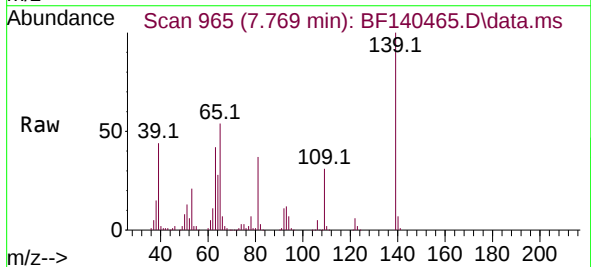
Instrument :
BNA_F
ClientSampleId :
TP-1MS

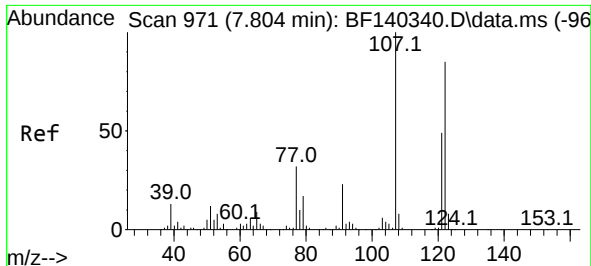
Tgt Ion: 82 Resp: 965292
Ion Ratio Lower Upper
82 100
95 7.3 5.9 8.9
138 16.9 13.4 20.2



#26
2-Nitrophenol
Concen: 50.954 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:139 Resp: 255797
Ion Ratio Lower Upper
139 100
109 31.3 24.4 36.6
65 54.3 42.8 64.2





#27

2,4-Dimethylphenol

Concen: 63.020 ng m

RT: 7.810 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

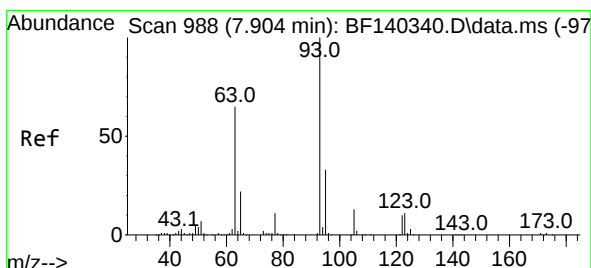
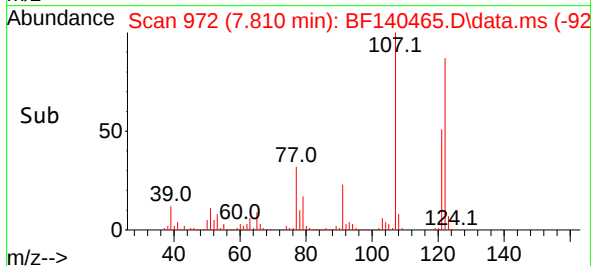
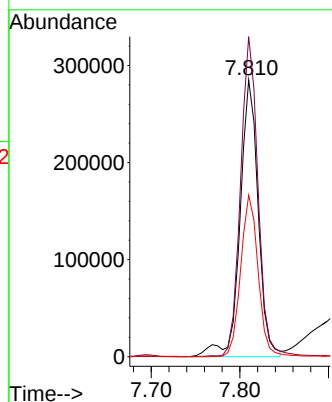
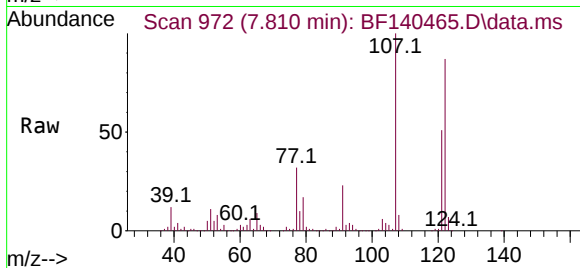
Tgt Ion:122 Resp: 405039

Ion Ratio Lower Upper

122 100

107 115.6 91.3 136.9

121 58.4 45.5 68.3



#28

bis(2-Chloroethoxy)methane

Concen: 49.435 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

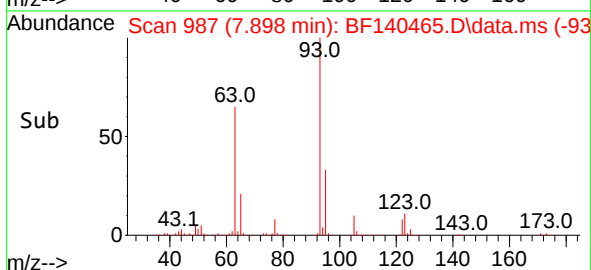
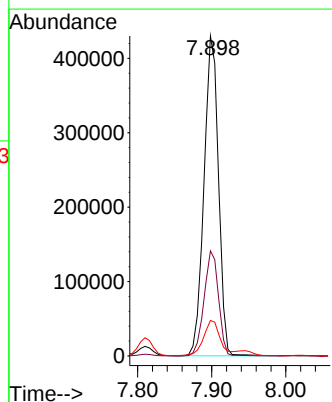
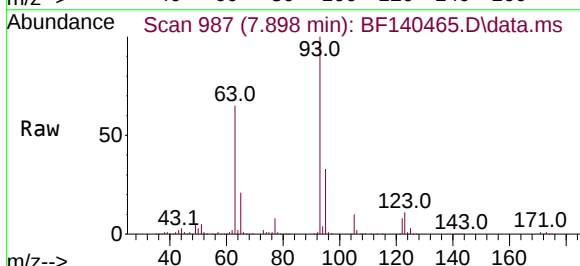
Tgt Ion: 93 Resp: 583729

Ion Ratio Lower Upper

93 100

95 32.9 25.9 38.9

123 11.1 9.2 13.8





#29

2,4-Dichlorophenol

Concen: 52.269 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

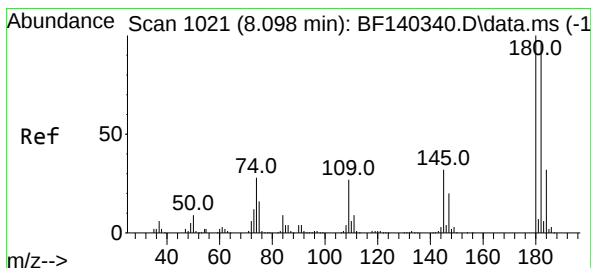
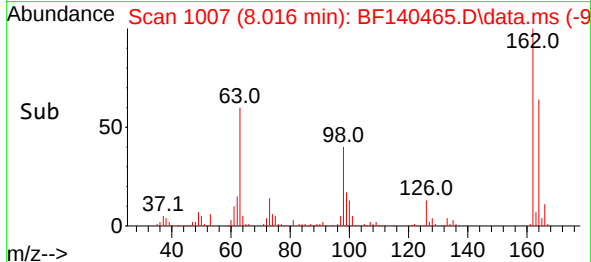
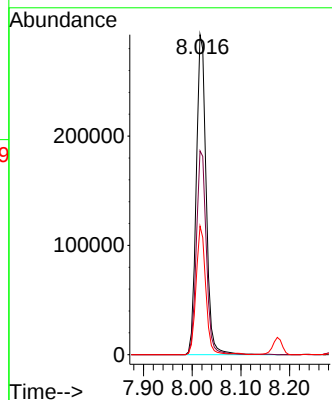
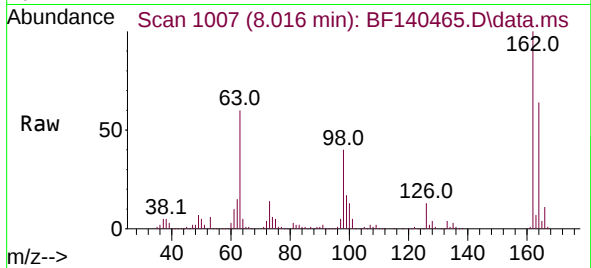
Tgt Ion:162 Resp: 415180

Ion Ratio Lower Upper

162 100

164 63.7 45.4 85.4

98 40.2 19.9 59.9



#30

1,2,4-Trichlorobenzene

Concen: 44.107 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

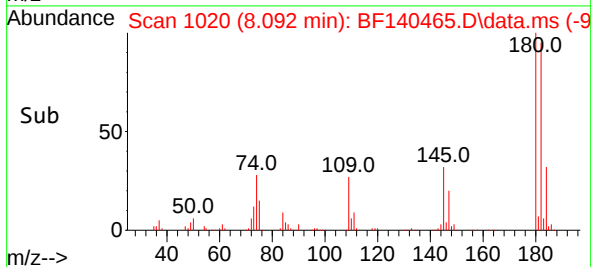
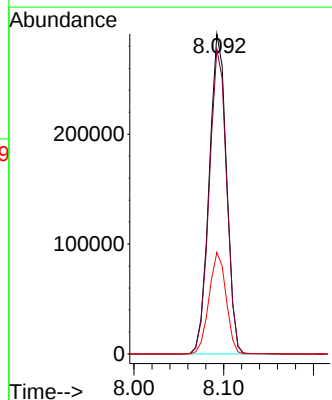
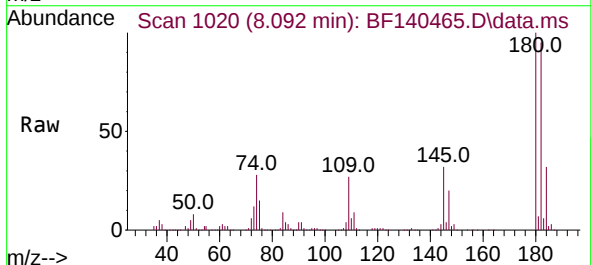
Tgt Ion:180 Resp: 390055

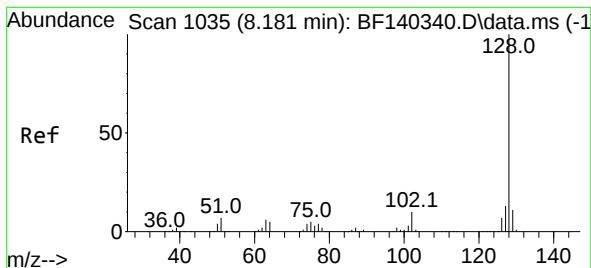
Ion Ratio Lower Upper

180 100

182 95.2 76.5 114.7

145 31.7 25.3 37.9





#31

Naphthalene

Concen: 46.619 ng

RT: 8.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

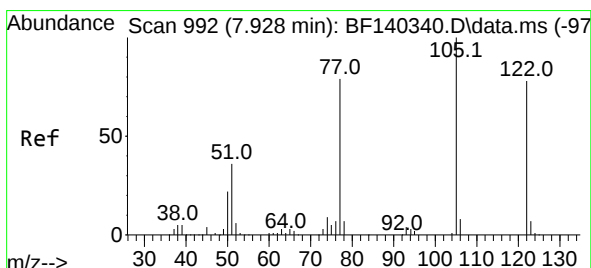
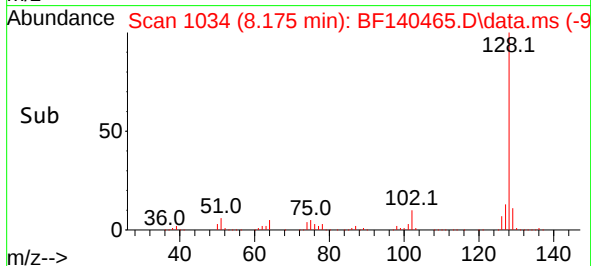
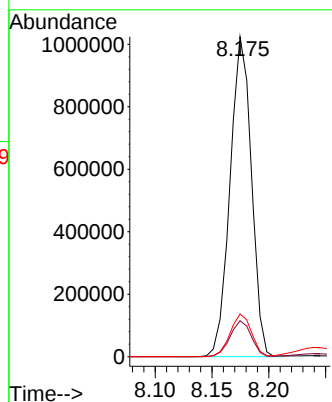
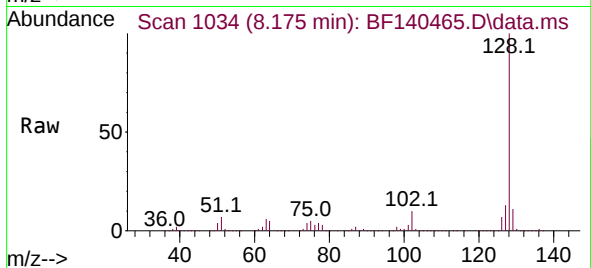
Tgt Ion:128 Resp: 1338834

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

127 13.4 10.6 15.8



#32

Benzoic acid

Concen: 54.449 ng

RT: 7.945 min Scan# 995

Delta R.T. 0.018 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

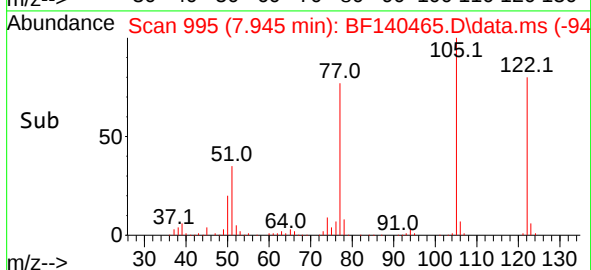
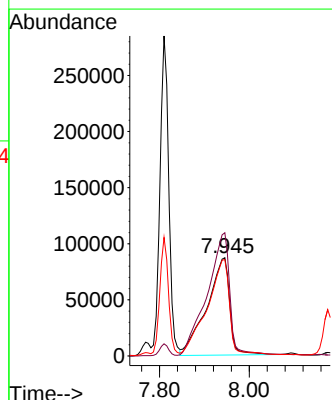
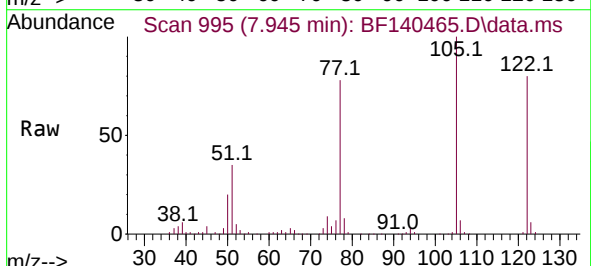
Tgt Ion:122 Resp: 307936

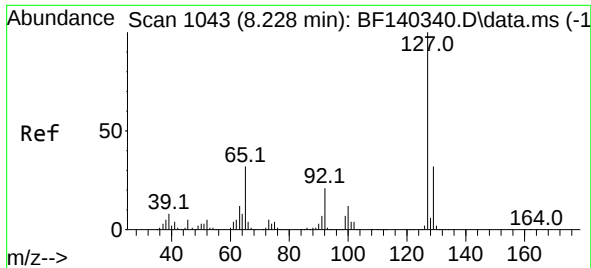
Ion Ratio Lower Upper

122 100

105 125.3 100.9 140.9

77 98.1 76.0 116.0

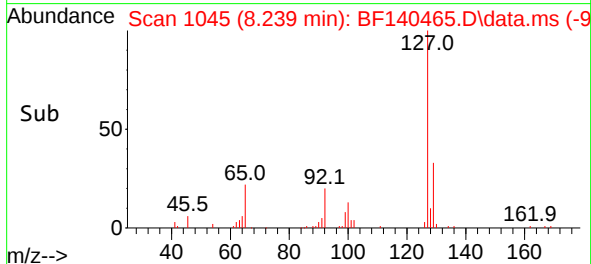
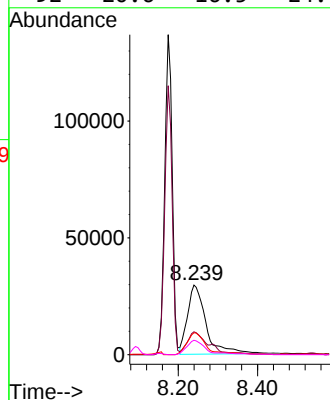
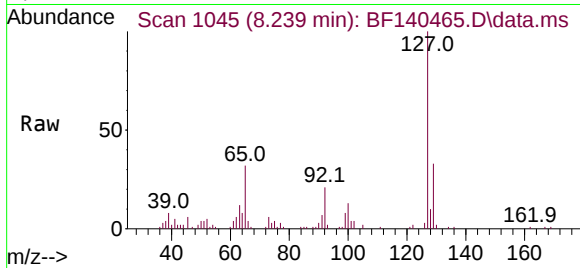




#33
4-Chloroaniline
Concen: 9.687 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.012 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

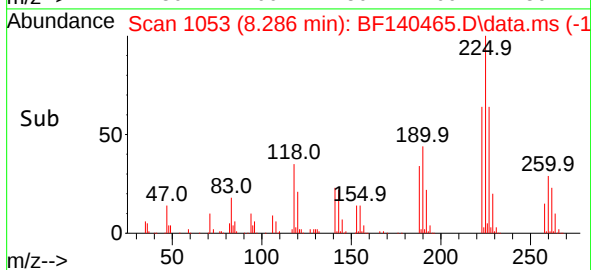
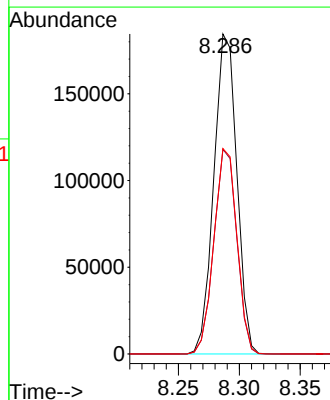
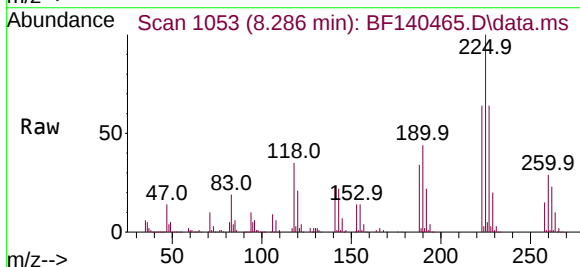
Instrument :
BNA_F
ClientSampleId :
TP-1MS

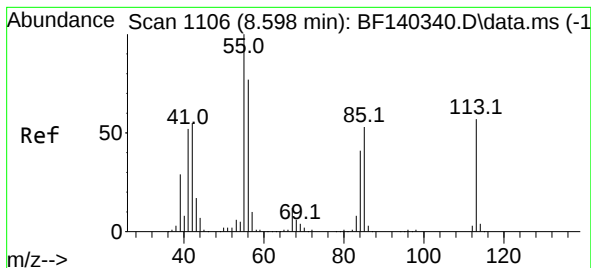
Tgt Ion:	127	Resp:	96753
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	31.6	25.8	38.6
92	20.6	16.5	24.7



#34
Hexachlorobutadiene
Concen: 43.003 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.012 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:	225	Resp:	242301
Ion	Ratio	Lower	Upper
225	100		
223	64.0	50.1	75.1
227	64.2	51.3	76.9





#35

Caprolactam

Concen: 45.760 ng m

RT: 8.604 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

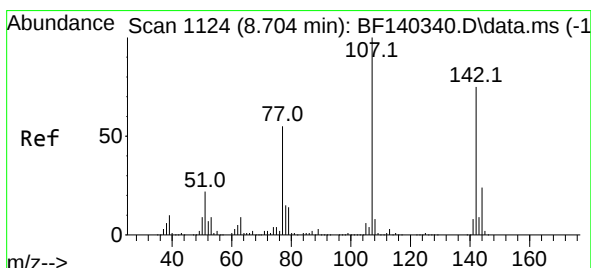
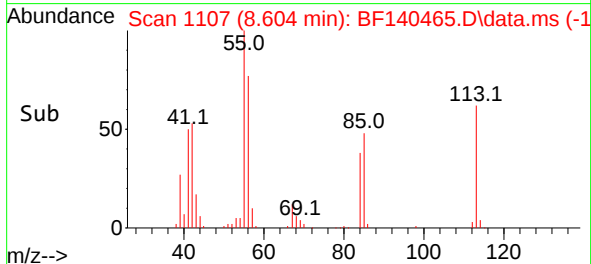
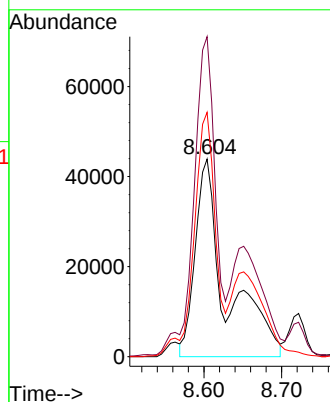
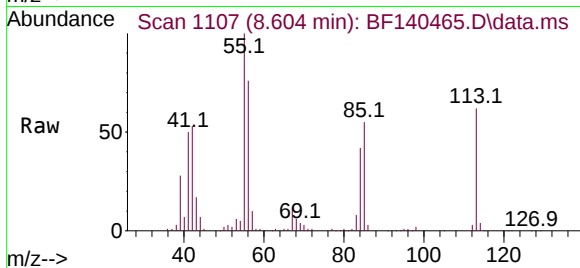
Tgt Ion:113 Resp: 120807

Ion Ratio Lower Upper

113 100

55 161.9 150.0 190.0

56 123.6 111.1 151.1



#36

4-Chloro-3-methylphenol

Concen: 52.548 ng

RT: 8.722 min Scan# 1127

Delta R.T. 0.018 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

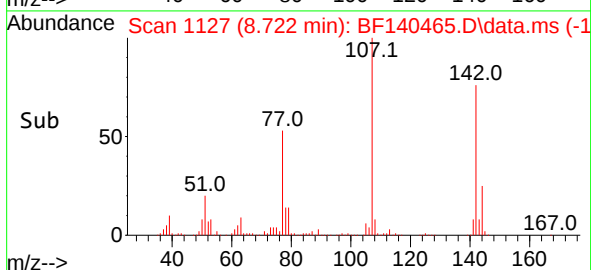
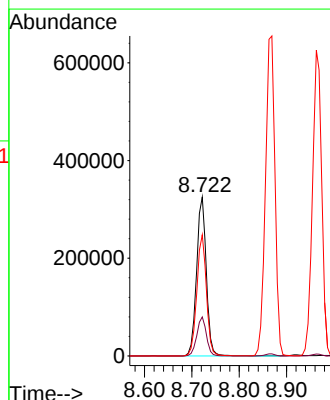
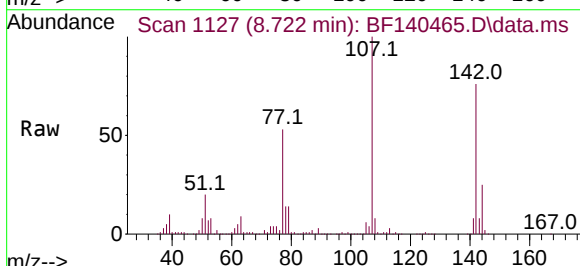
Tgt Ion:107 Resp: 462551

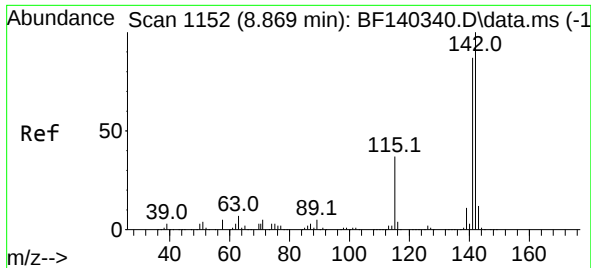
Ion Ratio Lower Upper

107 100

144 24.6 19.3 28.9

142 76.2 59.4 89.0





#37

2-Methylnaphthalene

Concen: 49.542 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

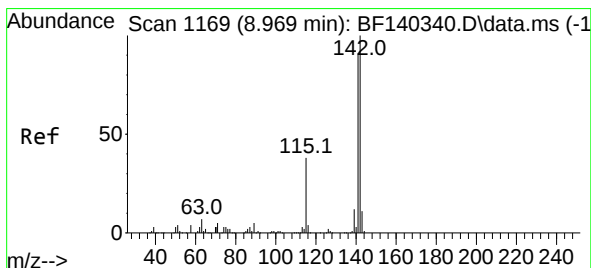
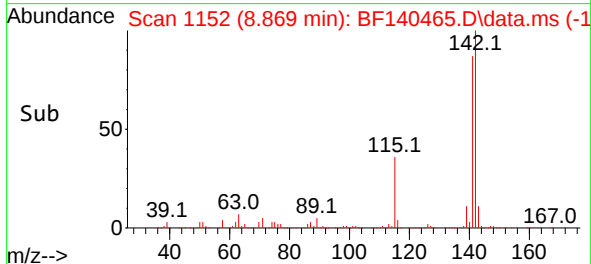
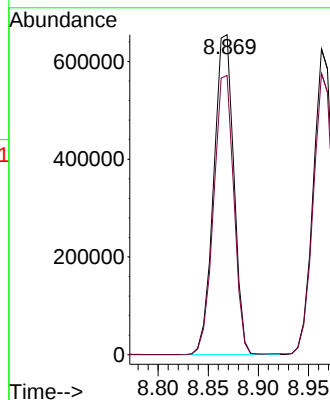
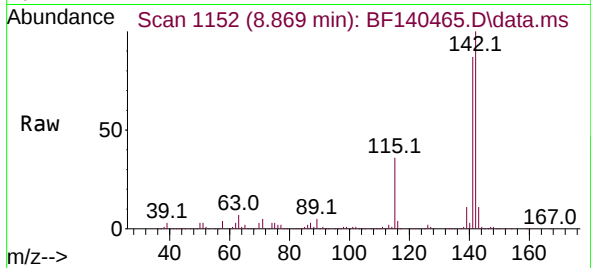
TP-1MS

Tgt Ion:142 Resp: 912299

Ion Ratio Lower Upper

142 100

141 87.2 70.4 105.6



#38

1-Methylnaphthalene

Concen: 46.906 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140465.D

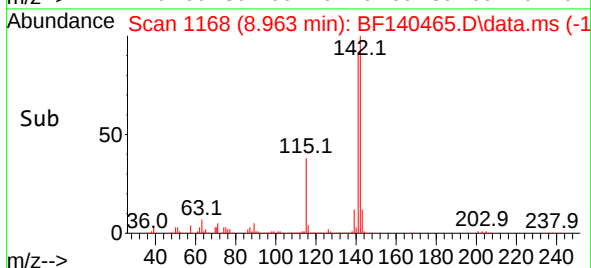
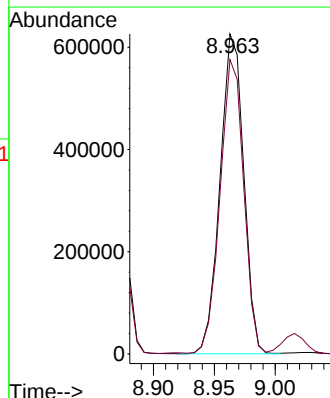
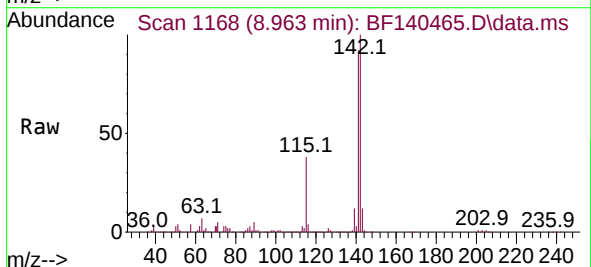
Acq: 19 Nov 2024 11:36

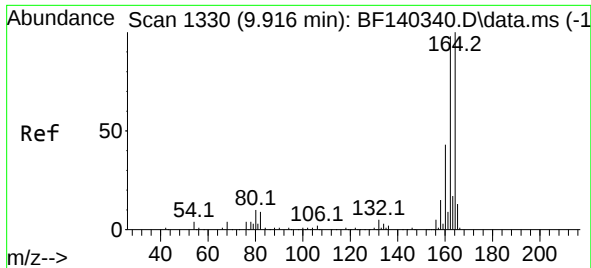
Tgt Ion:142 Resp: 845840

Ion Ratio Lower Upper

142 100

141 92.0 73.6 110.4

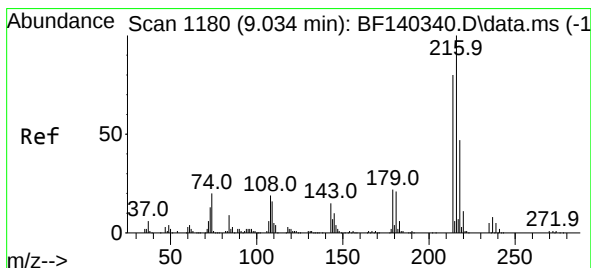
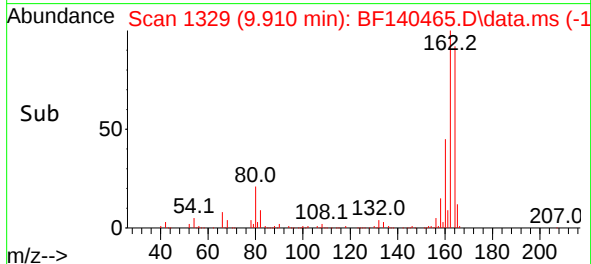
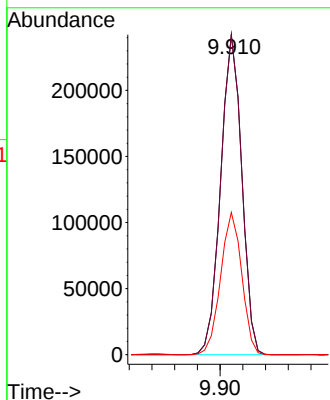
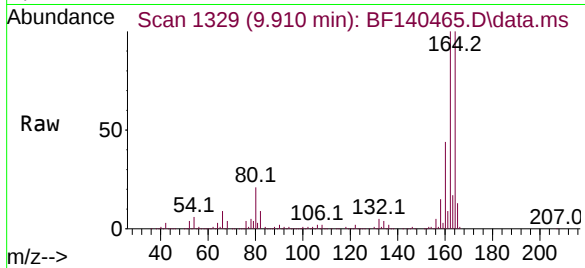




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

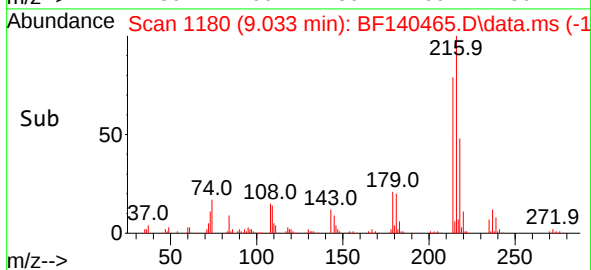
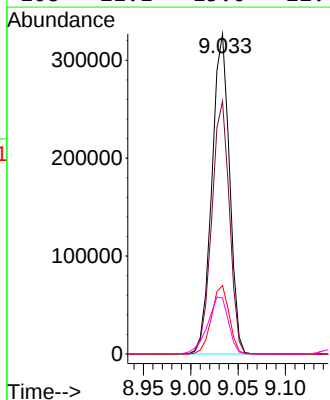
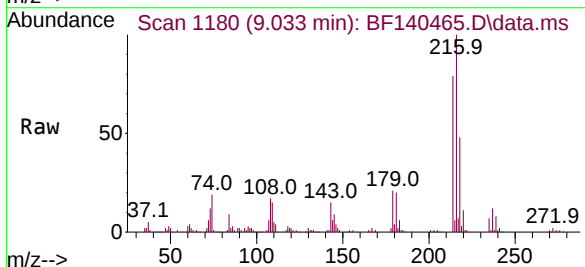
Instrument :
BNA_F
ClientSampleId :
TP-1MS

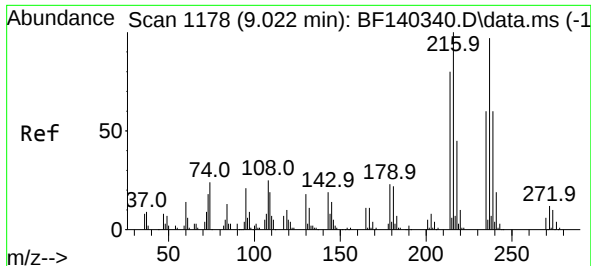
Tgt Ion:164 Resp: 313272
Ion Ratio Lower Upper
164 100
162 99.9 79.8 119.8
160 44.4 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.844 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:216 Resp: 423136
Ion Ratio Lower Upper
216 100
214 79.2 63.2 94.8
179 21.4 17.2 25.8
108 21.1 15.0 22.4

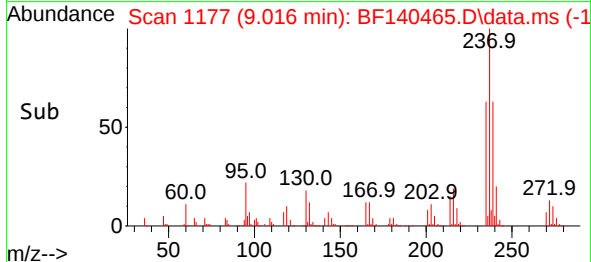
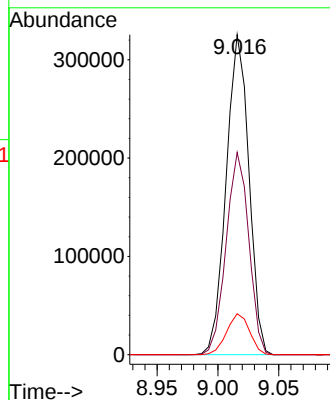
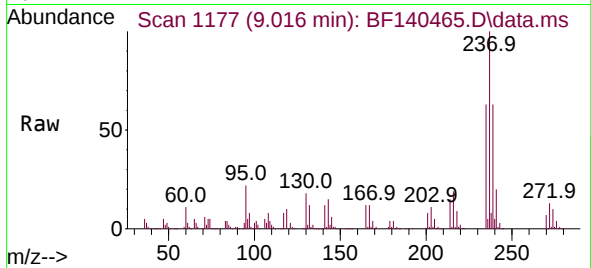




#41
Hexachlorocyclopentadiene
Concen: 190.202 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

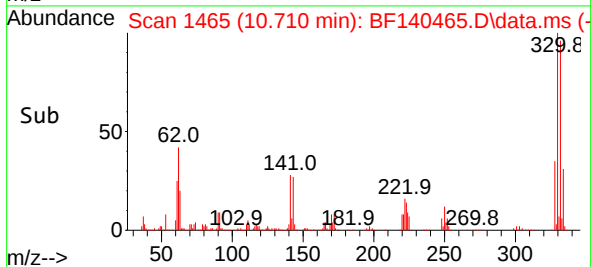
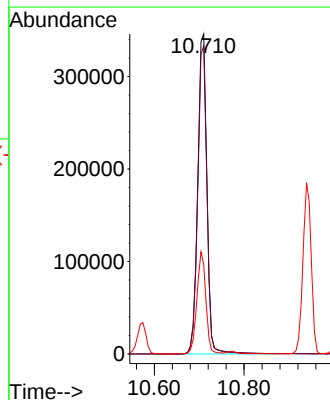
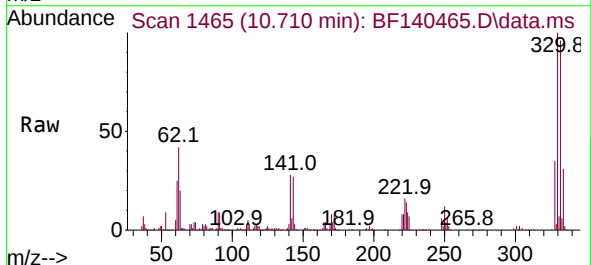
Instrument :
BNA_F
ClientSampleId :
TP-1MS

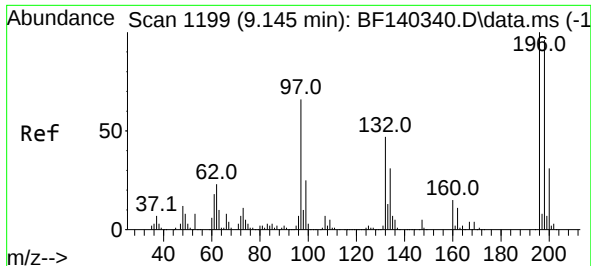
Tgt Ion:237 Resp: 423058
Ion Ratio Lower Upper
237 100
235 63.2 42.8 82.8
272 12.8 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 158.956 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:330 Resp: 495187
Ion Ratio Lower Upper
330 100
332 96.3 75.9 113.9
141 31.0 26.9 40.3

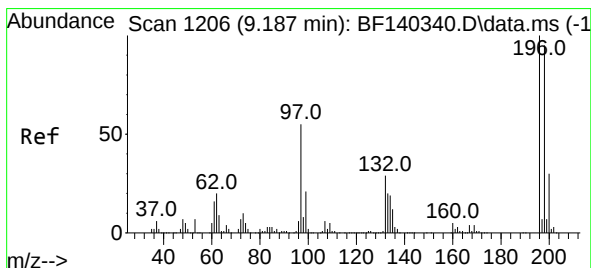
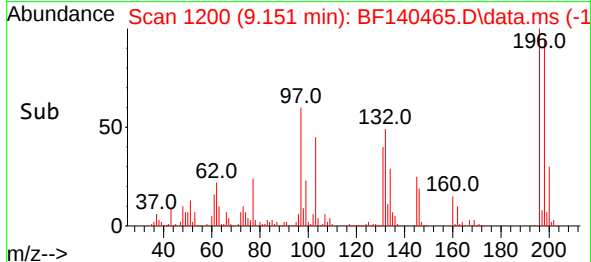
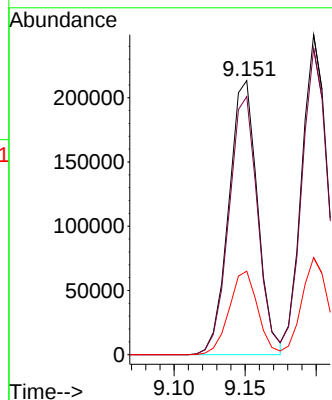
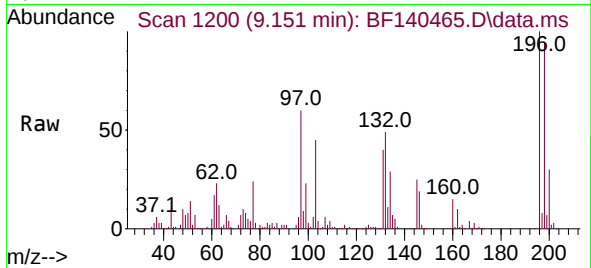




#43
2,4,6-Trichlorophenol
Concen: 52.998 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

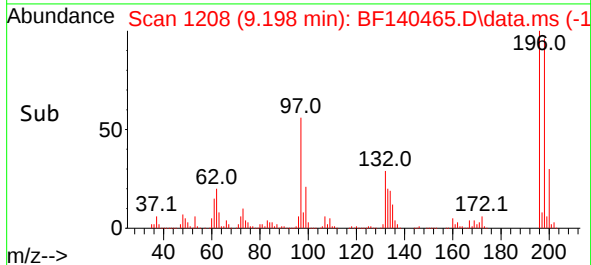
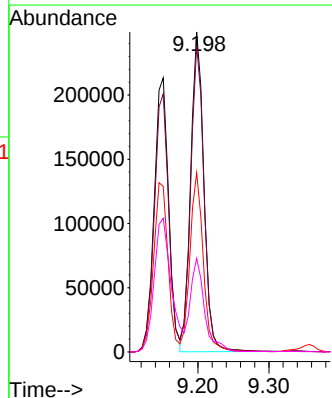
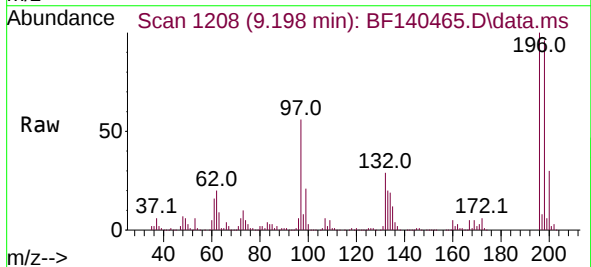
Instrument :
BNA_F
ClientSampleId :
TP-1MS

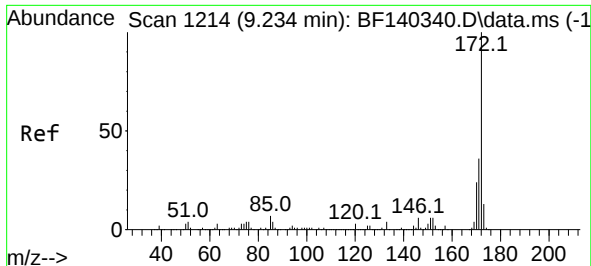
Tgt Ion:196 Resp: 301306
Ion Ratio Lower Upper
196 100
198 94.2 77.0 115.4
200 30.5 24.2 36.4



#44
2,4,5-Trichlorophenol
Concen: 51.928 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:196 Resp: 322774
Ion Ratio Lower Upper
196 100
198 95.8 77.6 116.4
97 56.0 45.4 68.2
132 29.2 24.2 36.2





#45

2-Fluorobiphenyl

Concen: 98.970 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

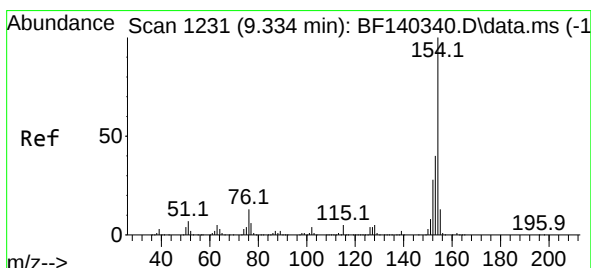
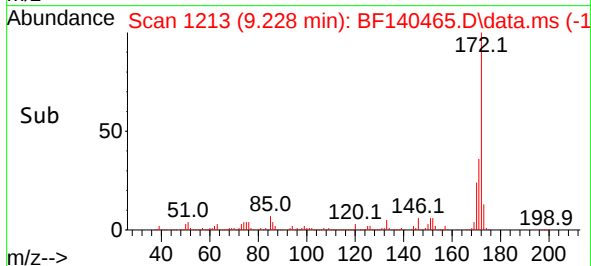
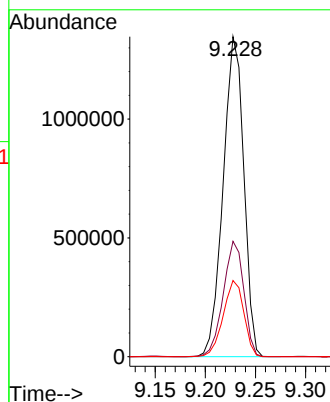
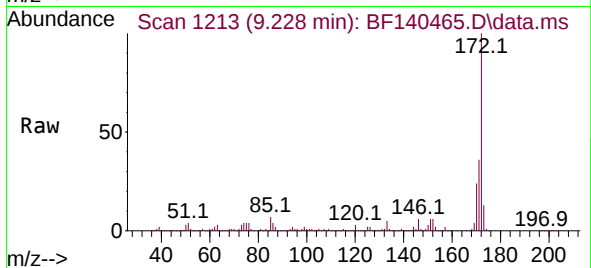
Tgt Ion:172 Resp: 1928677

Ion Ratio Lower Upper

172 100

171 36.1 28.5 42.7

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 50.044 ng

RT: 9.333 min Scan# 1231

Delta R.T. -0.000 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

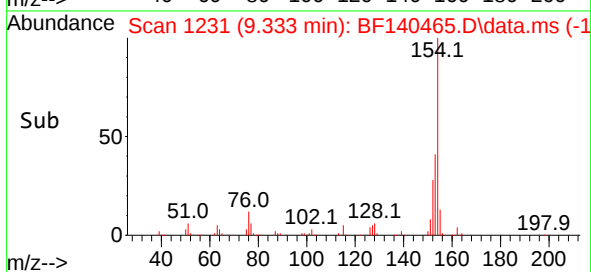
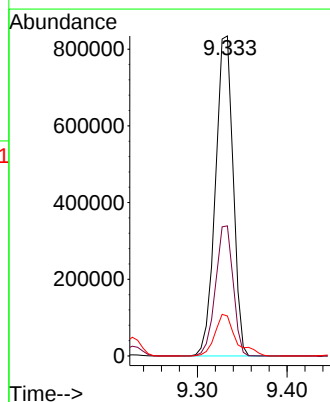
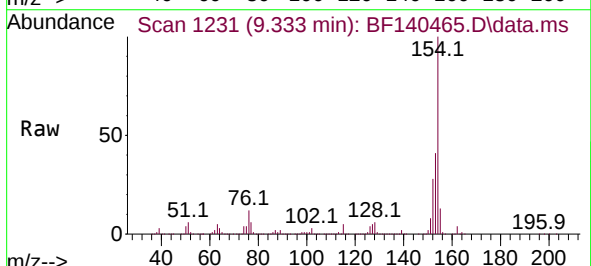
Tgt Ion:154 Resp: 1140532

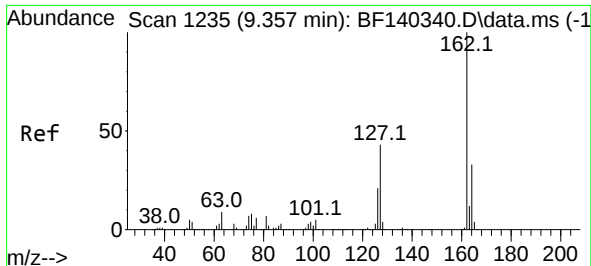
Ion Ratio Lower Upper

154 100

153 40.7 20.4 60.4

76 12.5 0.0 32.9

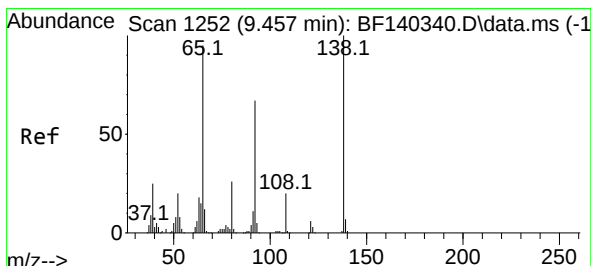
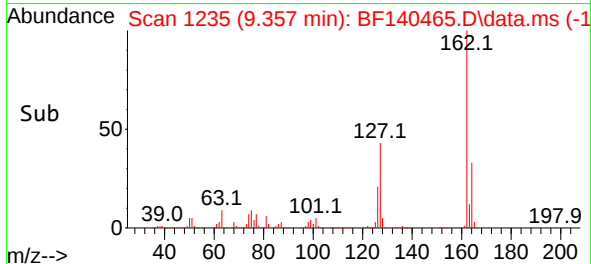
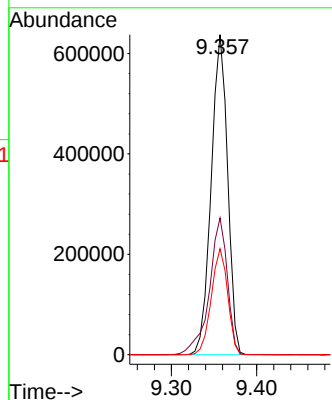
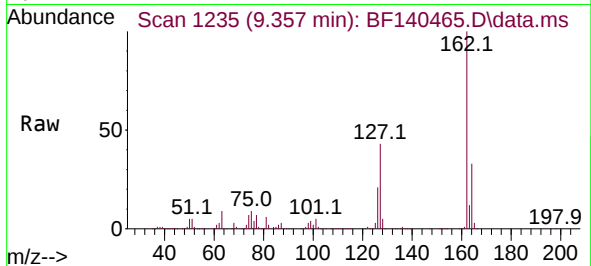




#47
2-Chloronaphthalene
Concen: 49.113 ng
RT: 9.357 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

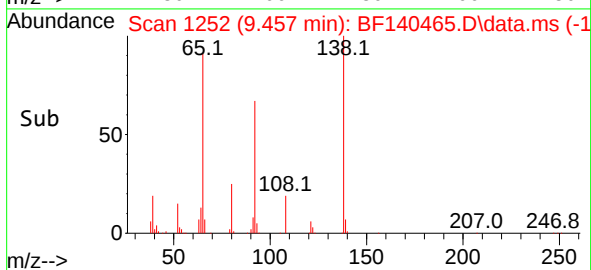
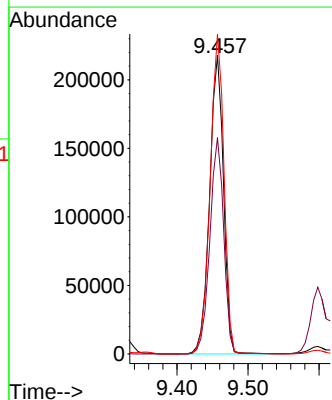
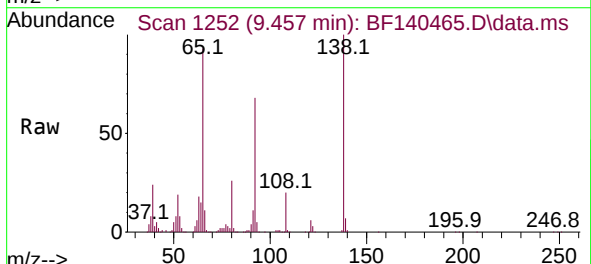
Instrument :
BNA_F
ClientSampleId :
TP-1MS

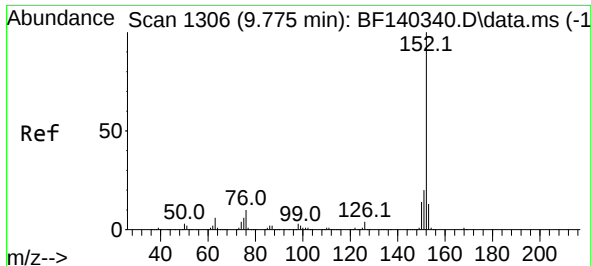
Tgt Ion:162 Resp: 852646
Ion Ratio Lower Upper
162 100
127 42.8 34.0 51.0
164 33.1 26.5 39.7



#48
2-Nitroaniline
Concen: 51.597 ng
RT: 9.457 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion: 65 Resp: 297074
Ion Ratio Lower Upper
65 100
92 72.5 56.4 84.6
138 107.2 84.8 127.2





#49

Acenaphthylene

Concen: 54.198 ng

RT: 9.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

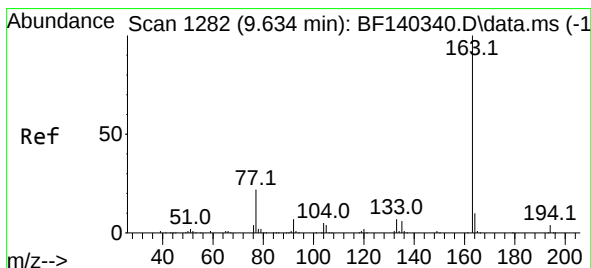
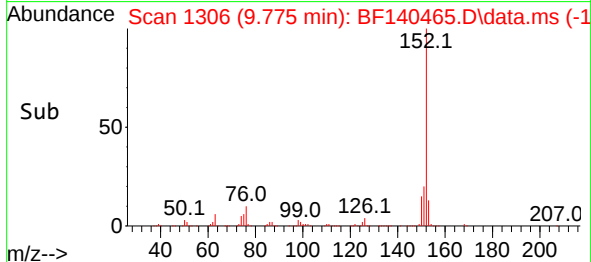
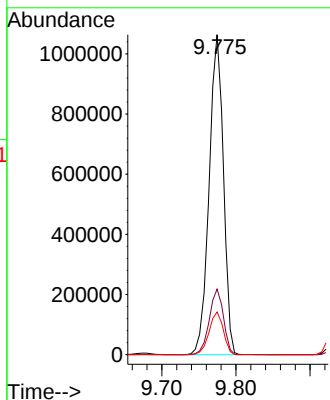
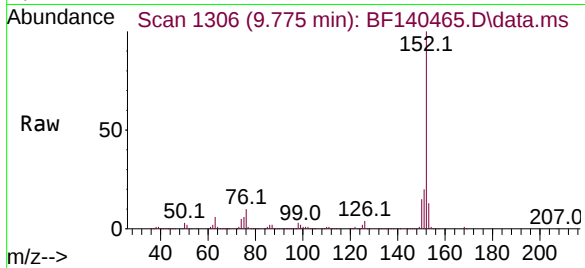
Tgt Ion:152 Resp: 1423604

Ion Ratio Lower Upper

152 100

151 20.5 16.1 24.1

153 13.3 10.7 16.1



#50

Dimethylphthalate

Concen: 53.615 ng

RT: 9.633 min Scan# 1282

Delta R.T. -0.000 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

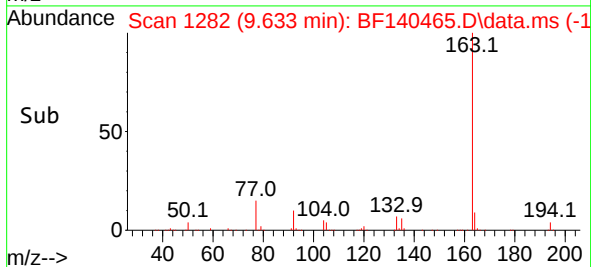
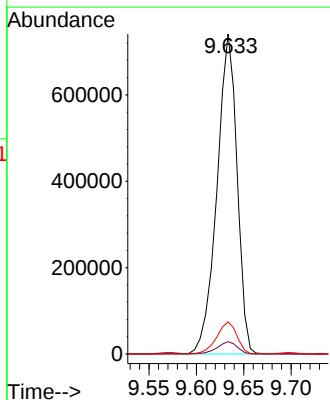
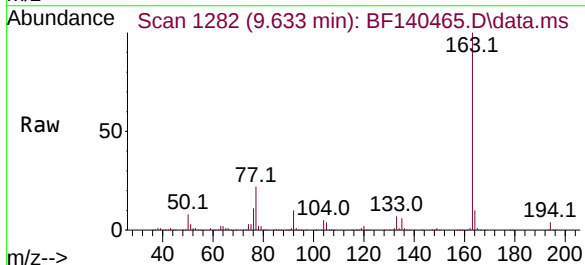
Tgt Ion:163 Resp: 1094789

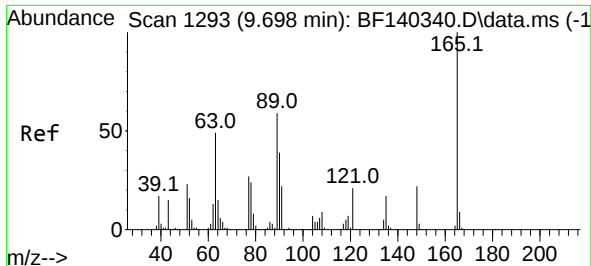
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.1 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 51.061 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

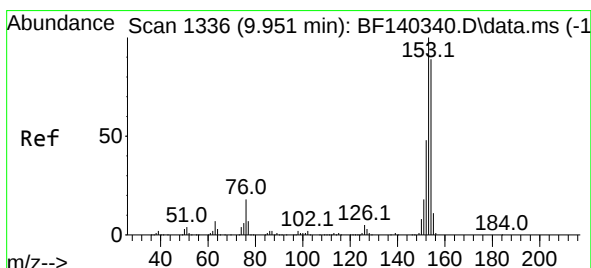
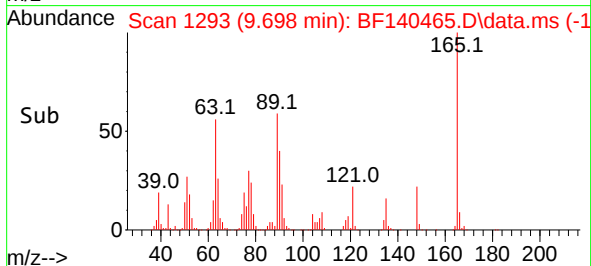
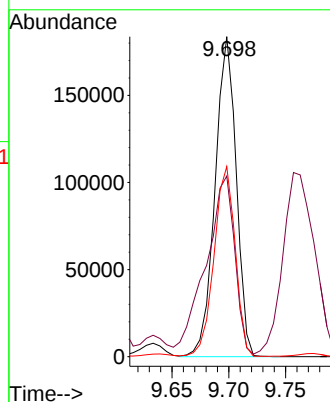
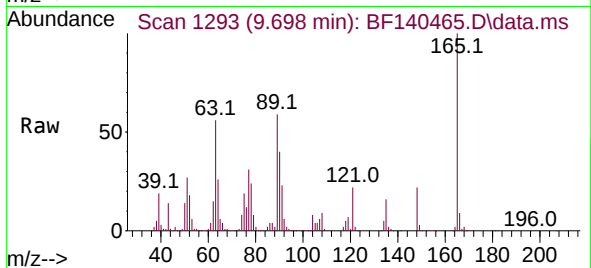
Tgt Ion:165 Resp: 237696

Ion Ratio Lower Upper

165 100

63 56.5 47.6 71.4

89 59.4 48.1 72.1



#52

Acenaphthene

Concen: 58.386 ng m

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

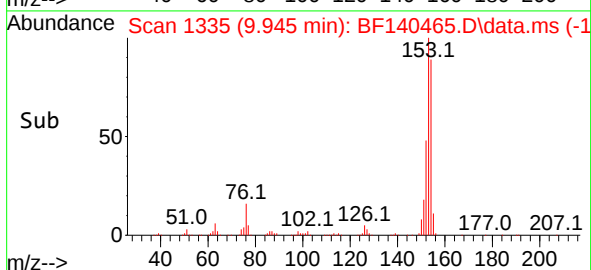
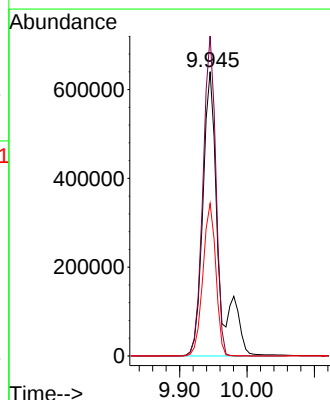
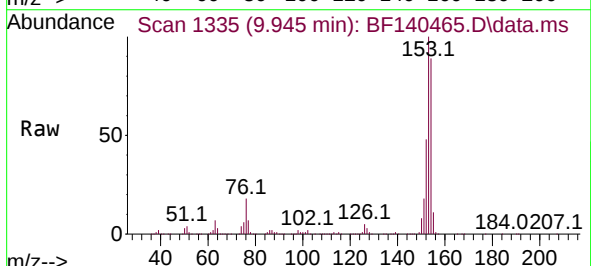
Tgt Ion:154 Resp: 1035841

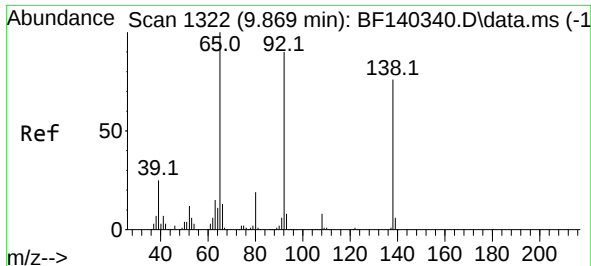
Ion Ratio Lower Upper

154 100

153 112.6 89.8 134.8

152 53.7 42.6 64.0

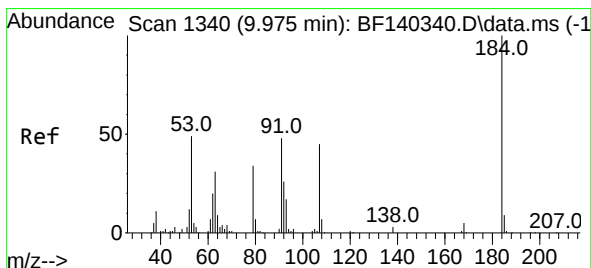
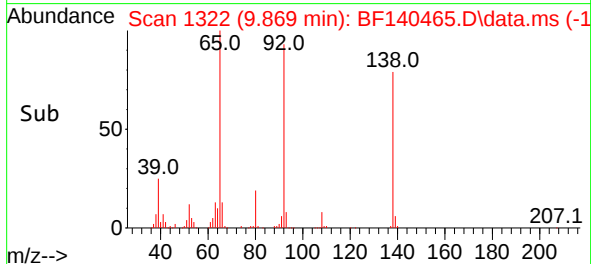
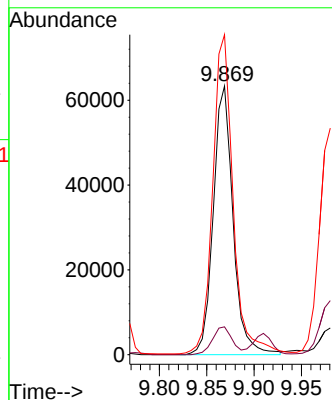
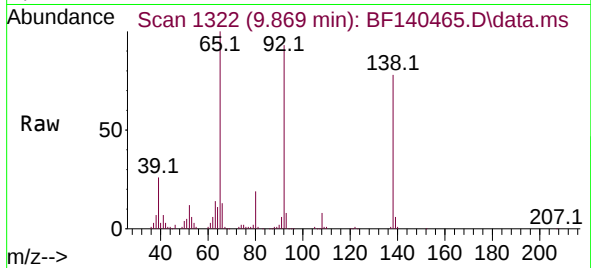




#53
3-Nitroaniline
Concen: 18.794 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

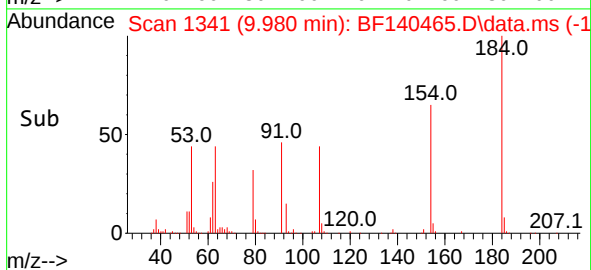
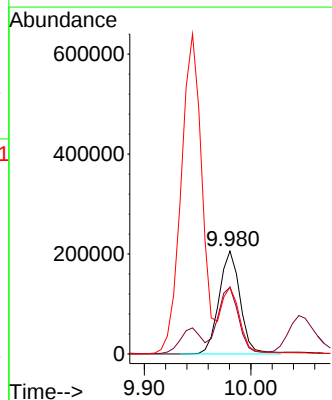
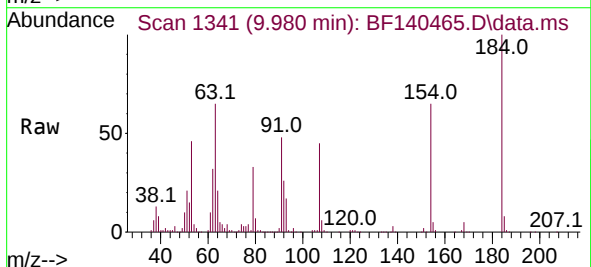
Instrument :
BNA_F
ClientSampleId :
TP-1MS

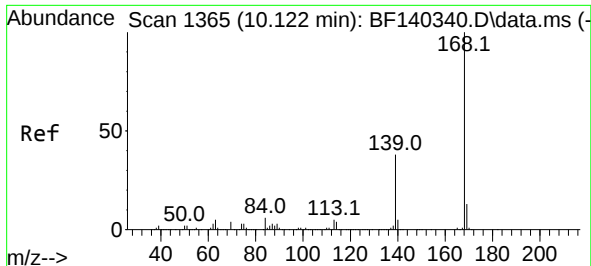
Tgt Ion:138 Resp: 91881
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 119.1 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 118.170 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.005 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:184 Resp: 283674
Ion Ratio Lower Upper
184 100
63 64.9 53.5 80.3
154 65.2 51.3 76.9

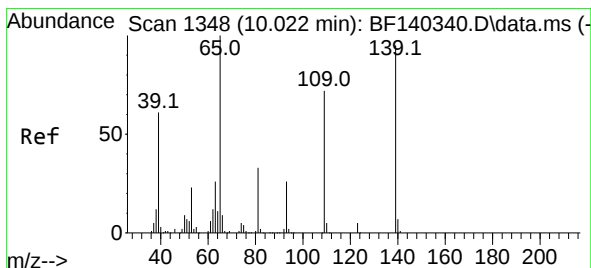
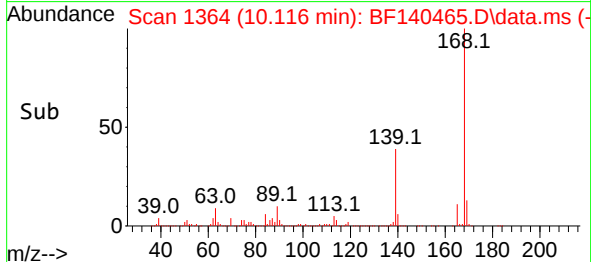
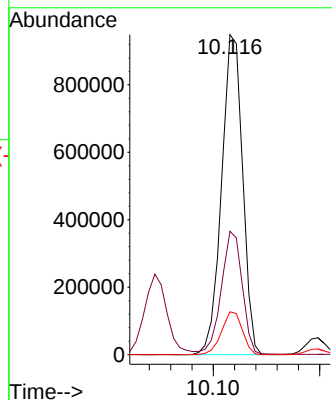
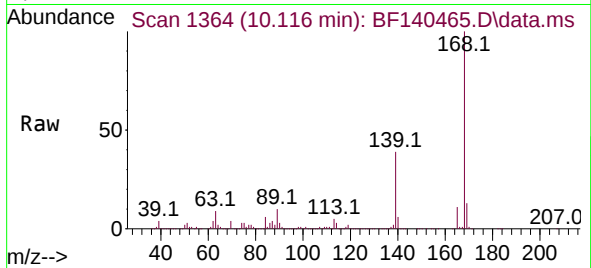




#55
Dibenzenofuran
Concen: 51.660 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

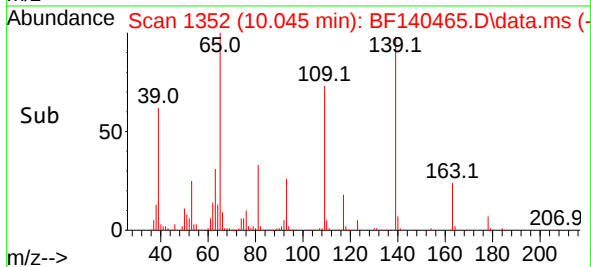
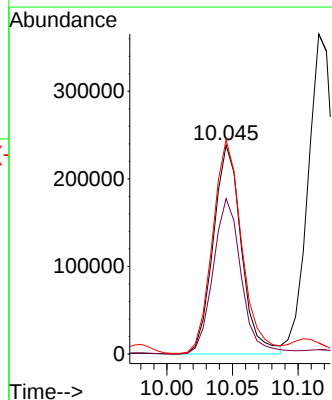
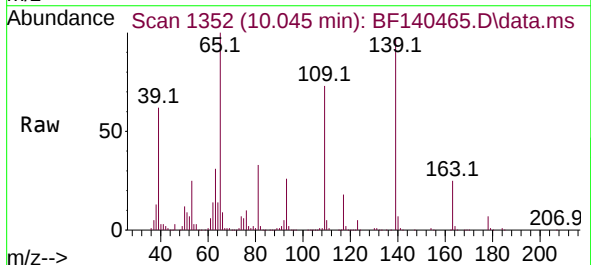
Instrument :
BNA_F
ClientSampleId :
TP-1MS

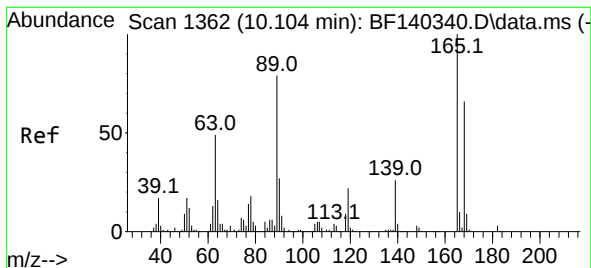
Tgt Ion:168 Resp: 1297440
Ion Ratio Lower Upper
168 100
139 38.5 30.8 46.2
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 99.494 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.023 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:139 Resp: 354789
Ion Ratio Lower Upper
139 100
109 74.4 54.5 94.5
65 102.6 84.4 124.4

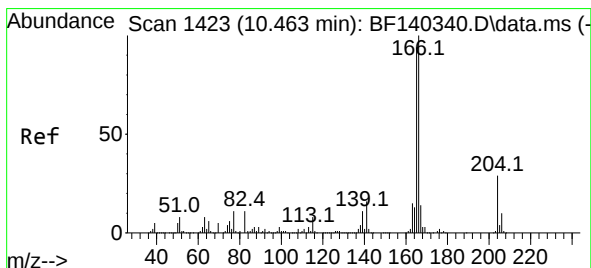
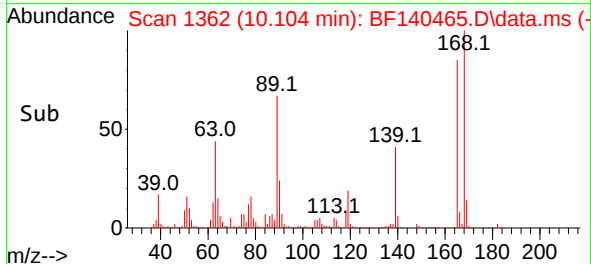
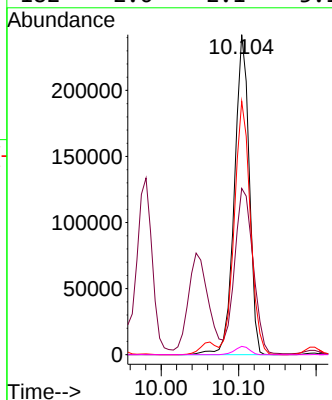
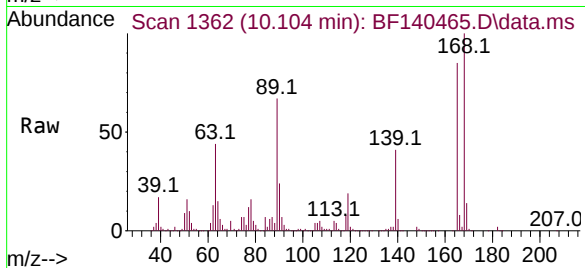




#57
2,4-Dinitrotoluene
Concen: 52.667 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

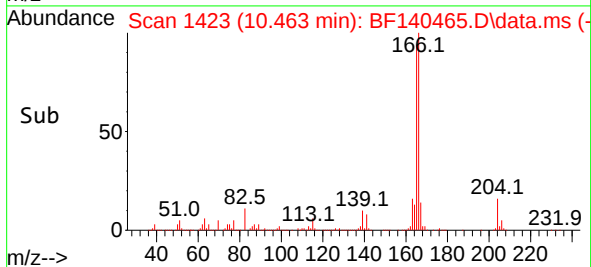
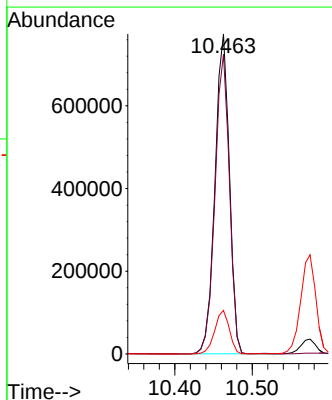
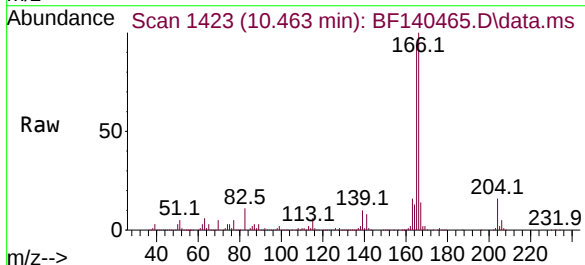
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:165 Resp: 322670
Ion Ratio Lower Upper
165 100
63 52.0 39.4 59.0
89 79.2 62.4 93.6
182 2.6 2.1 3.1



#58
Fluorene
Concen: 50.478 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:166 Resp: 1001510
Ion Ratio Lower Upper
166 100
165 93.7 73.9 110.9
167 13.6 10.9 16.3



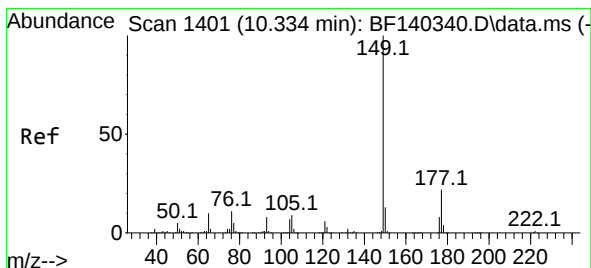
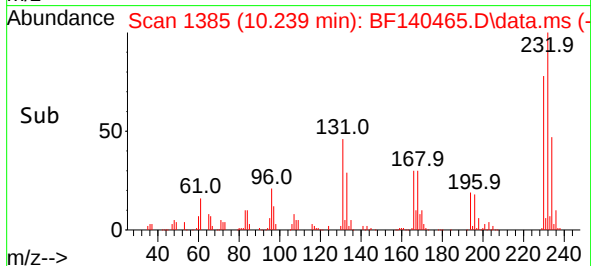
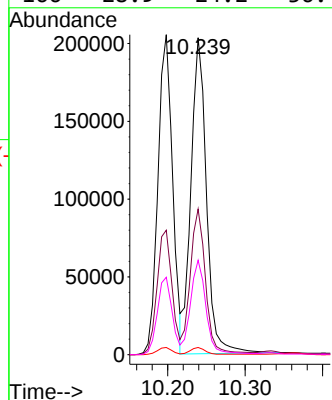
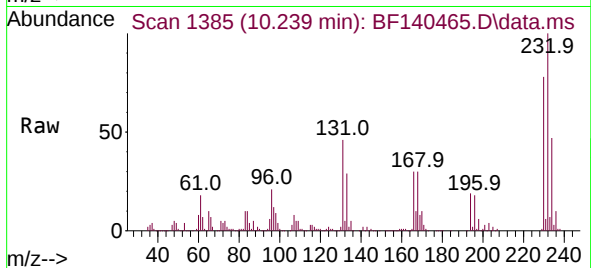


#59
2,3,4,6-Tetrachlorophenol
Concen: 57.452 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:232 Resp: 281966

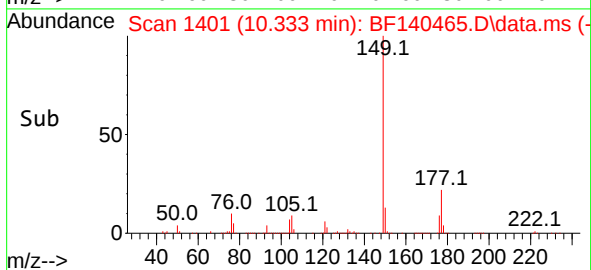
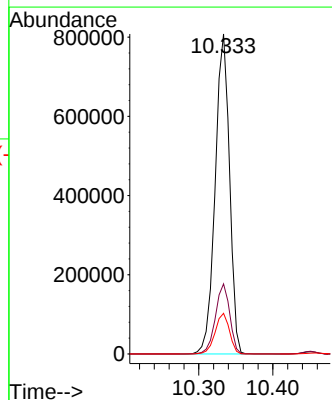
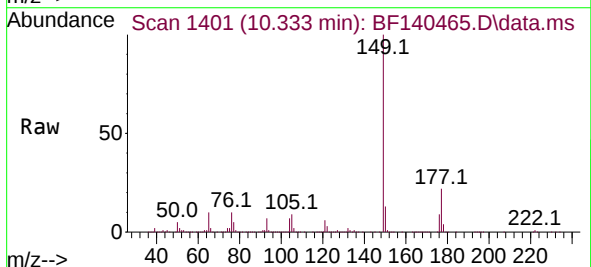
Ion	Ratio	Lower	Upper
232	100		
131	45.6	36.8	55.2
130	2.0	1.9	2.9
166	28.9	24.2	36.4

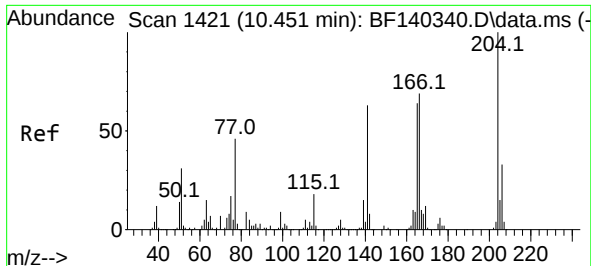


#60
Diethylphthalate
Concen: 51.883 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:149 Resp: 1083309

Ion	Ratio	Lower	Upper
149	100		
177	21.9	17.5	26.3
150	12.7	10.1	15.1

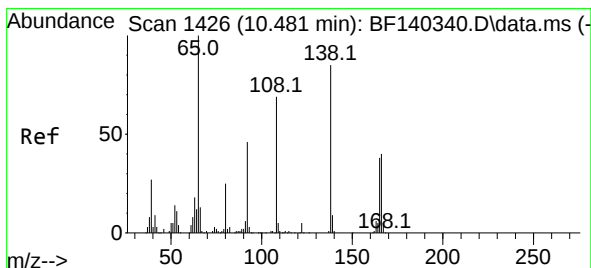
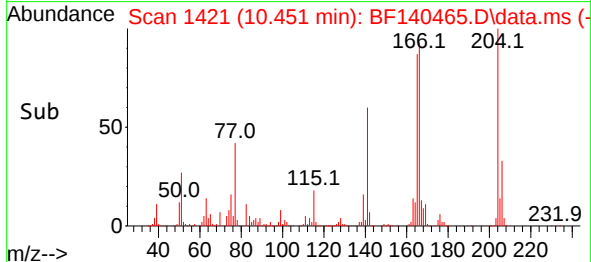
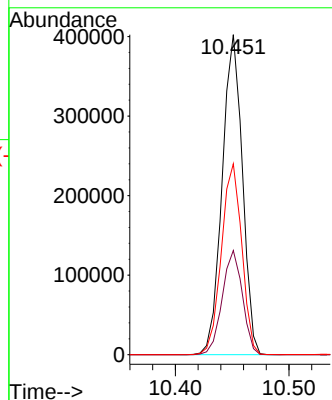
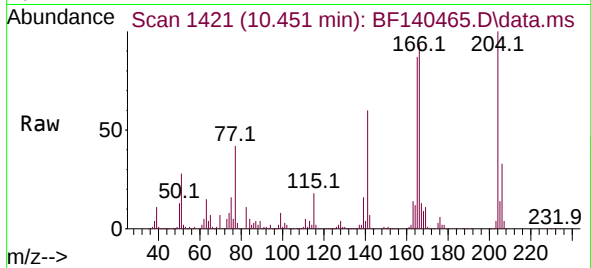




#61
4-Chlorophenyl-phenylether
Concen: 50.806 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

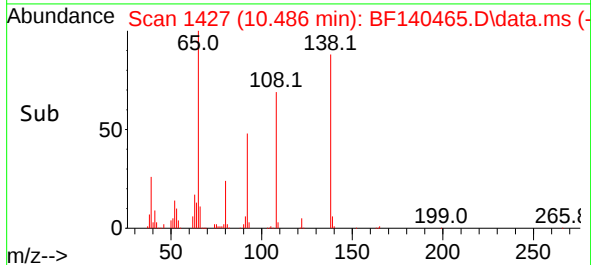
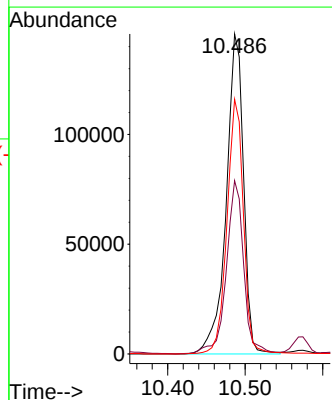
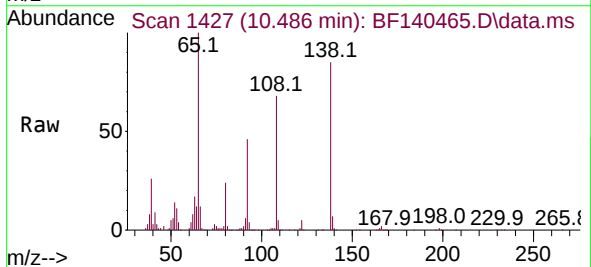
Instrument :
BNA_F
ClientSampleId :
TP-1MS

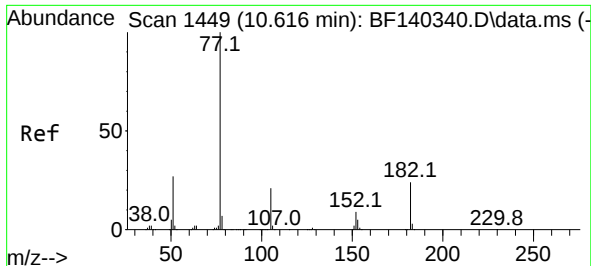
Tgt Ion:204 Resp: 497647
Ion Ratio Lower Upper
204 100
206 32.5 26.0 39.0
141 59.6 49.8 74.8



#62
4-Nitroaniline
Concen: 45.357 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:138 Resp: 226725
Ion Ratio Lower Upper
138 100
92 54.1 33.8 73.8
108 79.6 59.9 99.9

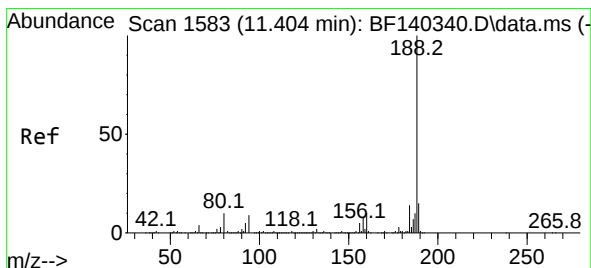
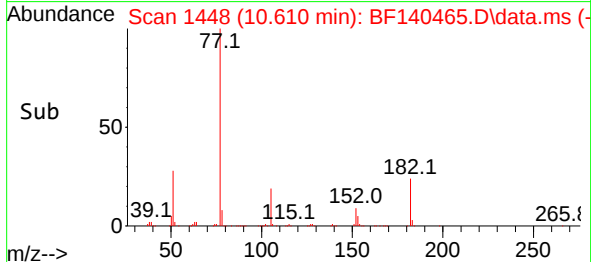
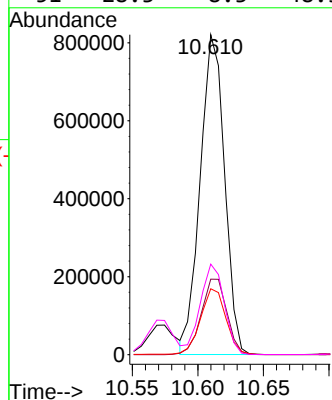
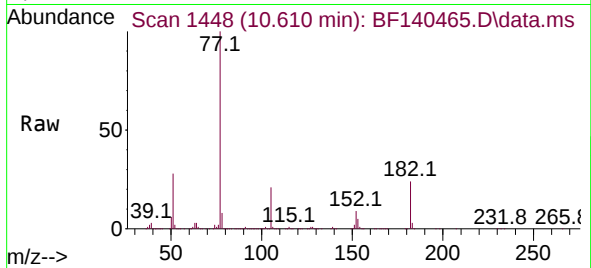




#63
Azobenzene
Concen: 51.467 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

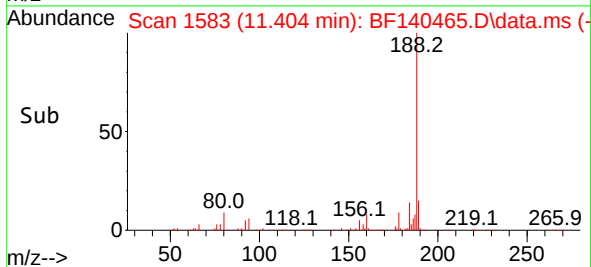
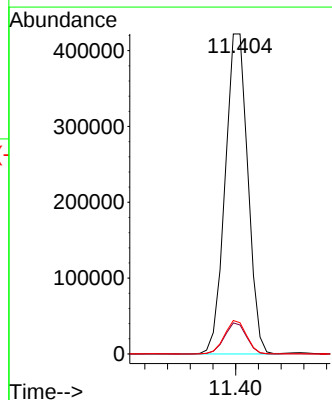
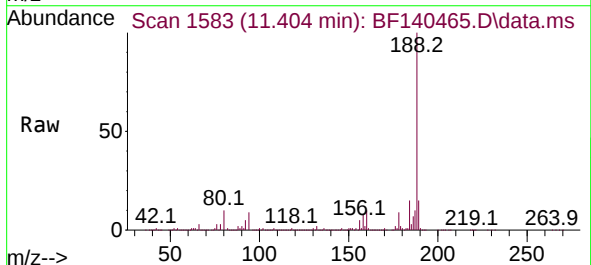
Instrument :
BNA_F
ClientSampleId :
TP-1MS

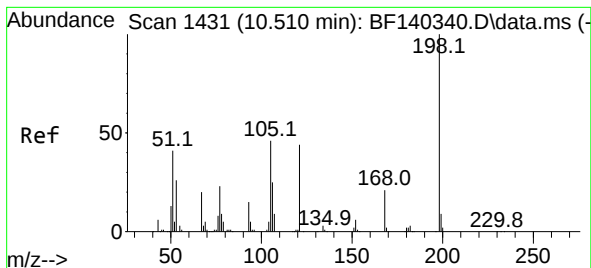
Tgt Ion: 77 Resp: 1061785
Ion Ratio Lower Upper
77 100
182 23.6 4.6 44.6
105 20.6 0.9 40.9
51 28.3 8.3 48.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:188 Resp: 585294
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 9.7 8.0 12.0

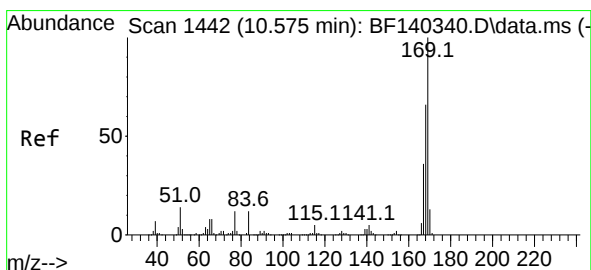
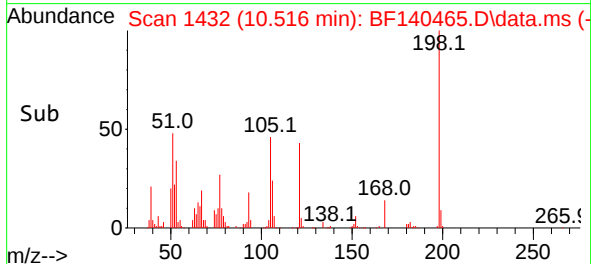
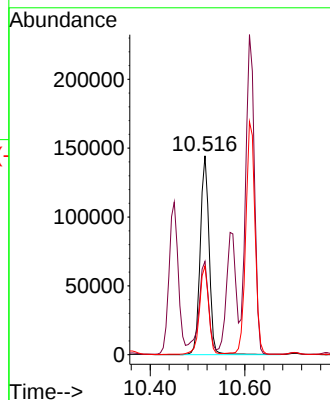
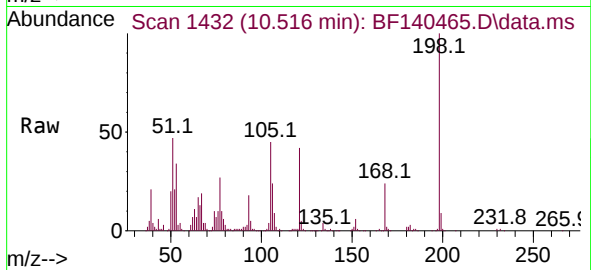




#65
4,6-Dinitro-2-methylphenol
Concen: 59.983 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

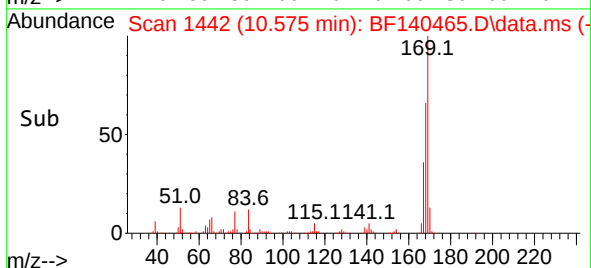
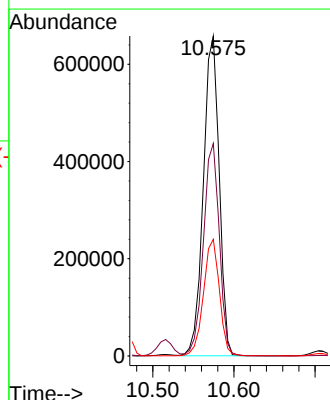
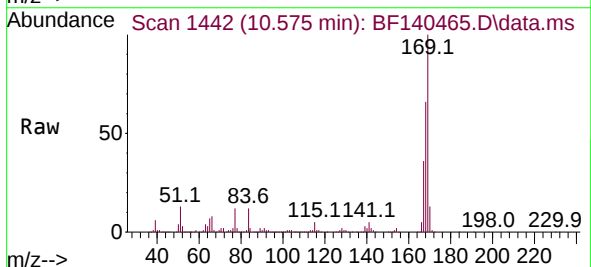
Instrument :
BNA_F
ClientSampleId :
TP-1MS

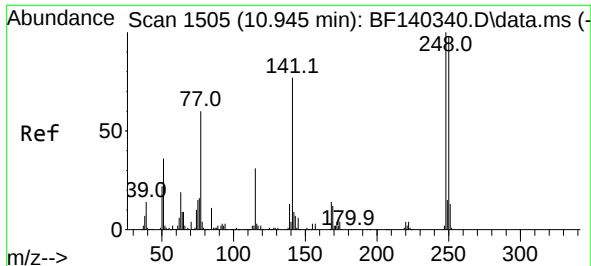
Tgt Ion:198 Resp: 188887
Ion Ratio Lower Upper
198 100
51 46.9 29.7 69.7
105 44.6 26.3 66.3



#66
n-Nitrosodiphenylamine
Concen: 52.590 ng
RT: 10.575 min Scan# 1442
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:169 Resp: 889356
Ion Ratio Lower Upper
169 100
168 66.4 52.7 79.1
167 36.4 29.3 43.9

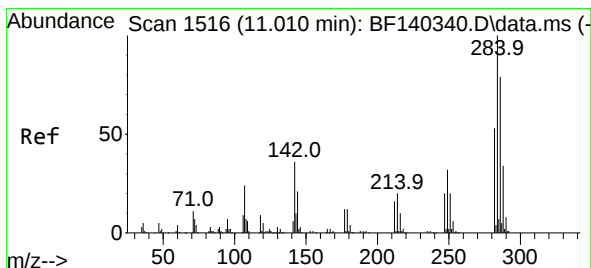
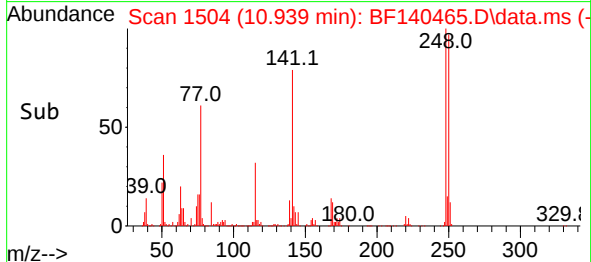
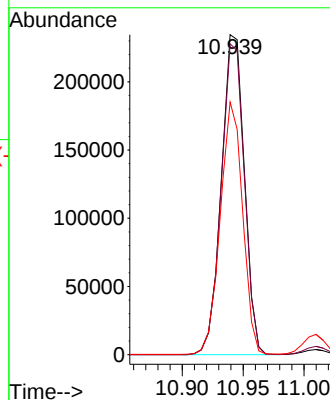
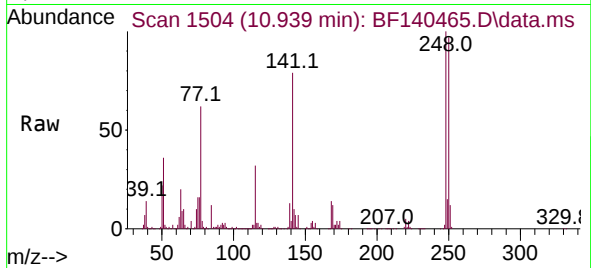




#67
4-Bromophenyl-phenylether
Concen: 52.890 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

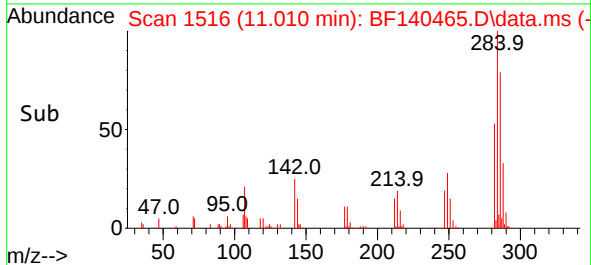
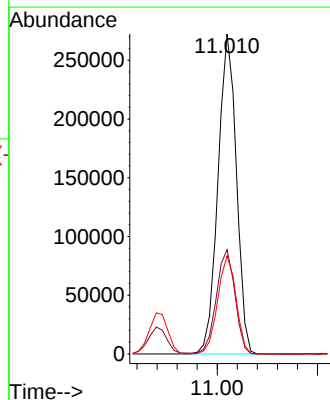
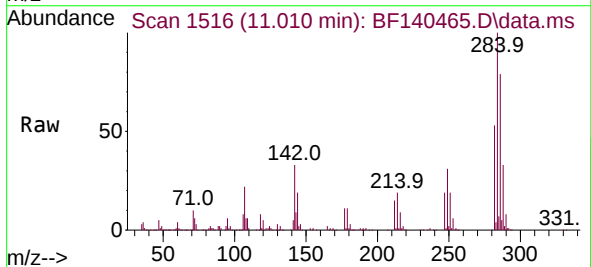
Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:248 Resp: 309440
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 78.9 61.8 92.6



#68
Hexachlorobenzene
Concen: 52.571 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:284 Resp: 346067
Ion Ratio Lower Upper
284 100
142 32.6 28.1 42.1
249 30.7 24.9 37.3





#69

Atrazine

Concen: 49.825 ng

RT: 11.098 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

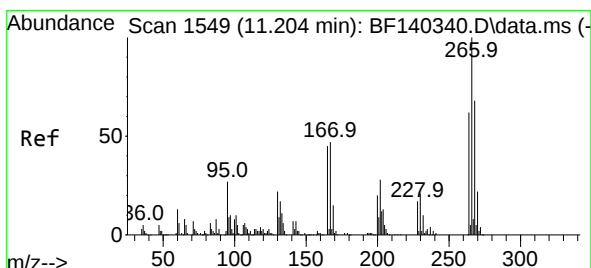
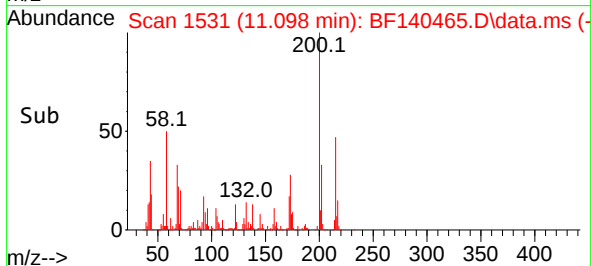
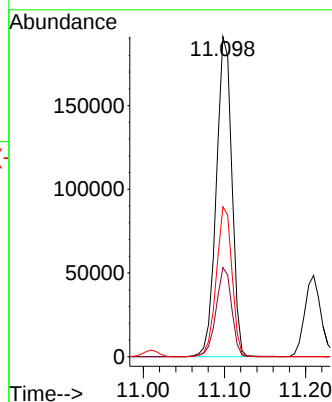
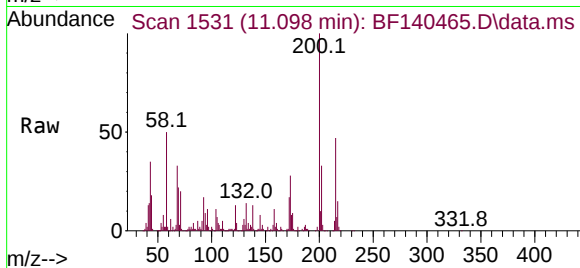
Tgt Ion:200 Resp: 254923

Ion Ratio Lower Upper

200 100

173 27.8 6.6 46.6

215 46.9 27.2 67.2



#70

Pentachlorophenol

Concen: 106.888 ng

RT: 11.210 min Scan# 1550

Delta R.T. 0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

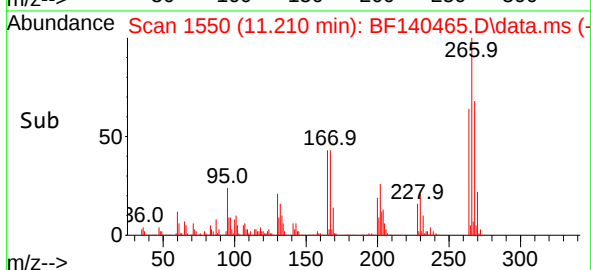
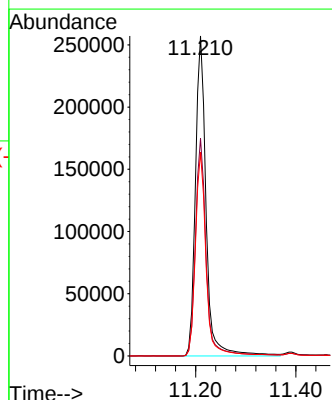
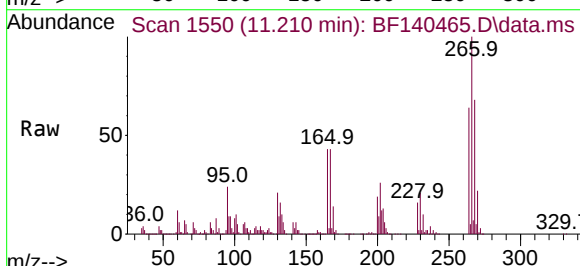
Tgt Ion:266 Resp: 379019

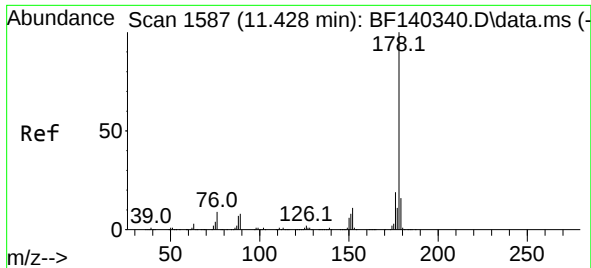
Ion Ratio Lower Upper

266 100

268 68.0 52.9 79.3

264 63.7 50.3 75.5

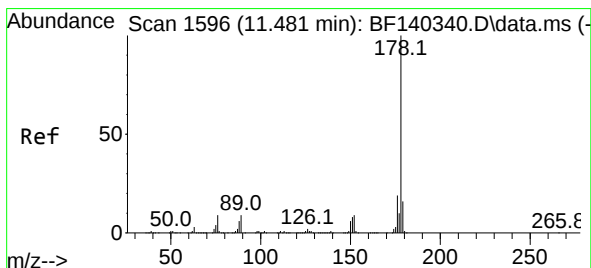
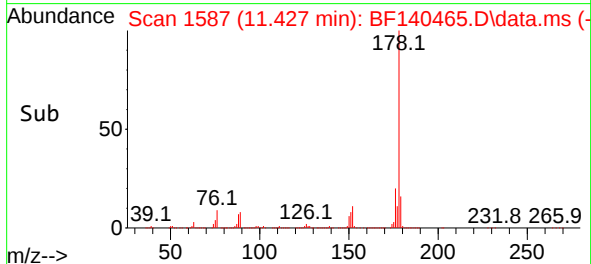
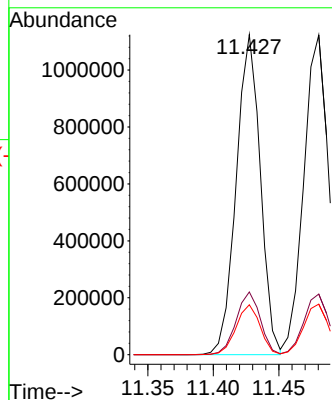
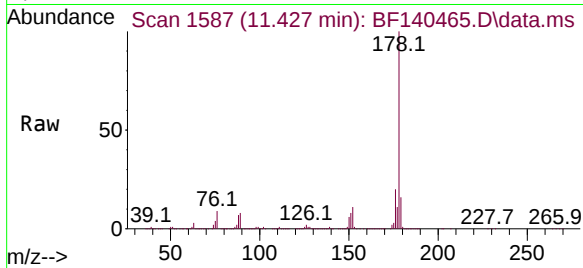




#71
Phenanthrene
Concen: 52.333 ng
RT: 11.427 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

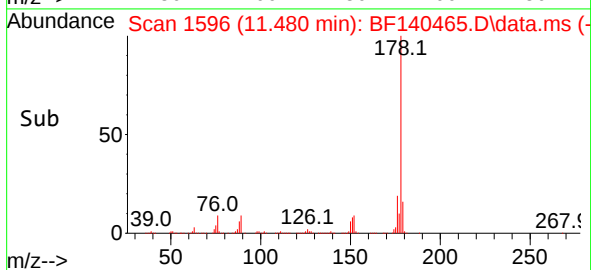
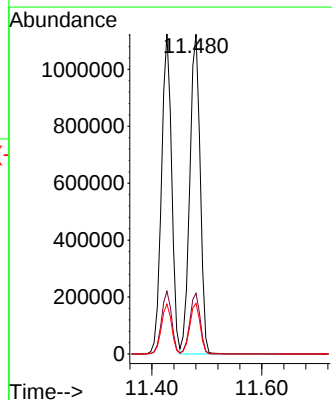
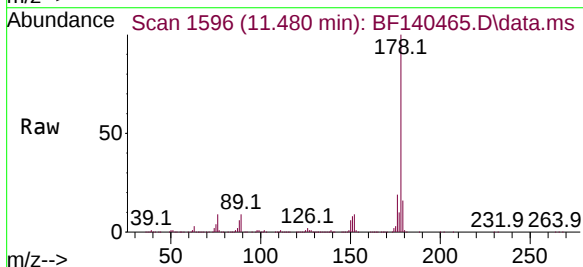
Instrument :
BNA_F
ClientSampleId :
TP-1MS

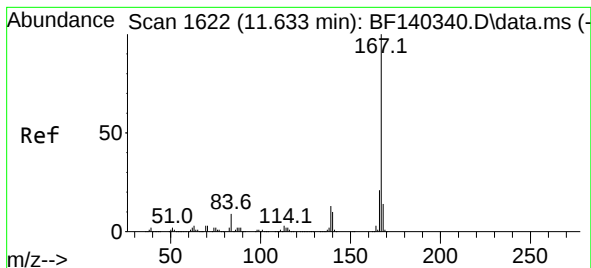
Tgt Ion:178 Resp: 1438855
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.4 18.6



#72
Anthracene
Concen: 54.376 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:178 Resp: 1465226
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.8 12.6 18.8





#73

Carbazole

Concen: 50.722 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

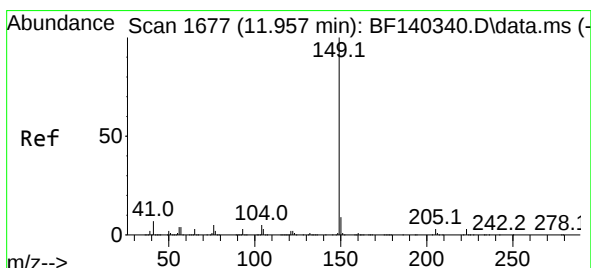
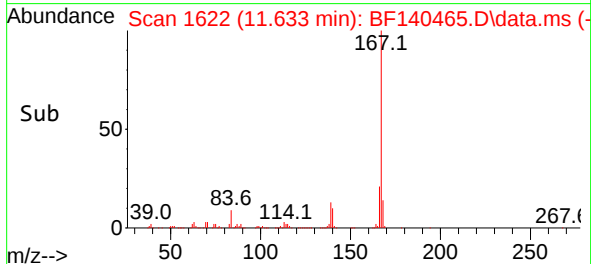
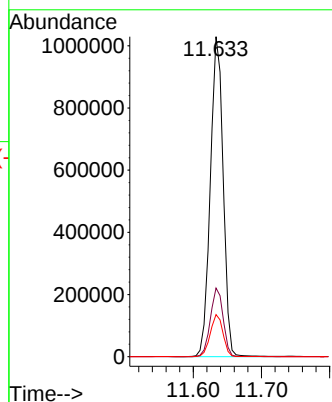
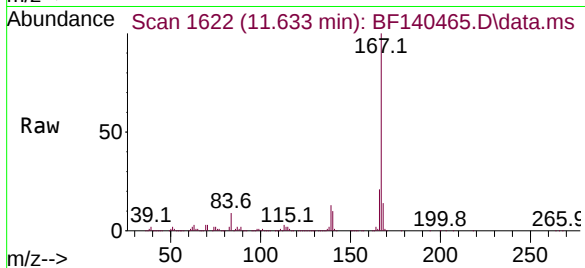
BNA_F

ClientSampleId :

TP-1MS

Tgt Ion:167 Resp: 1349540

Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.2	25.8
139	13.2	10.4	15.6



#74

Di-n-butylphthalate

Concen: 51.968 ng

RT: 11.957 min Scan# 1677

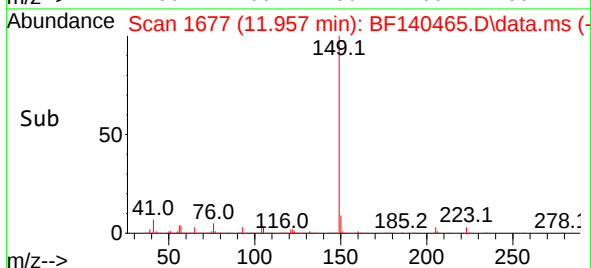
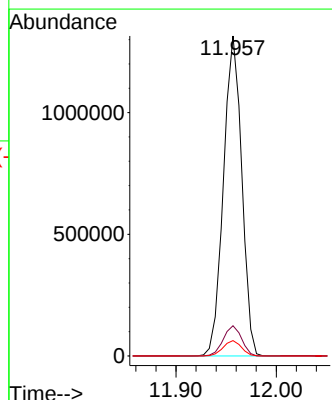
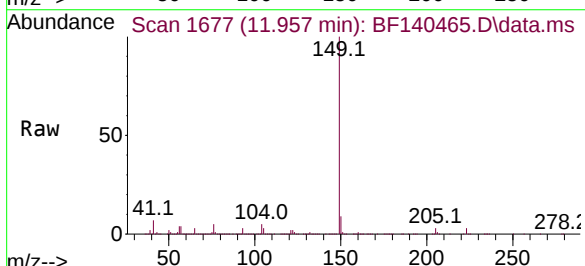
Delta R.T. -0.000 min

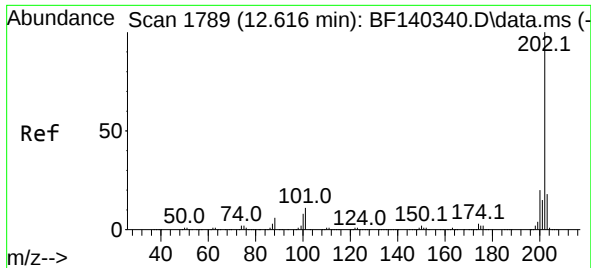
Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Tgt Ion:149 Resp: 1659537

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	4.8	4.0	6.0



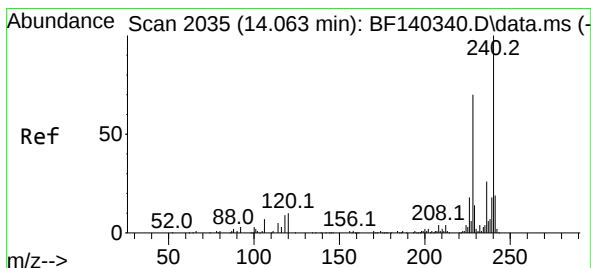
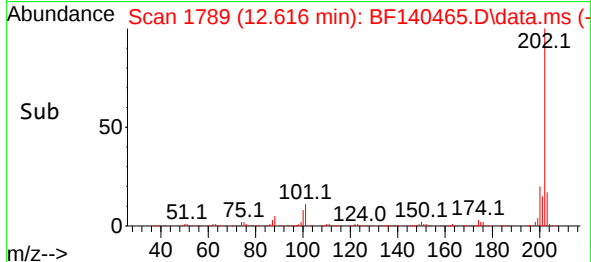
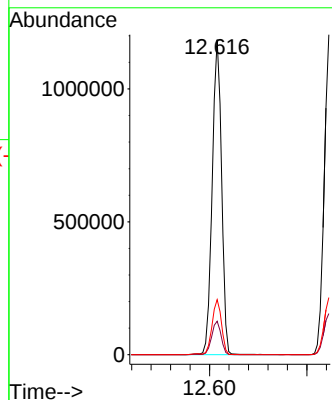
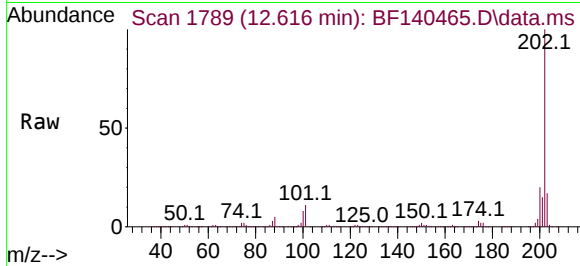


#75
Fluoranthene
Concen: 51.031 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Tgt Ion:202 Resp: 1574134

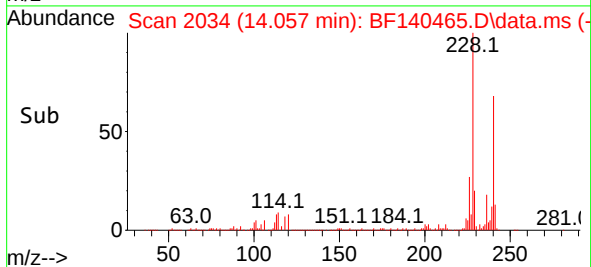
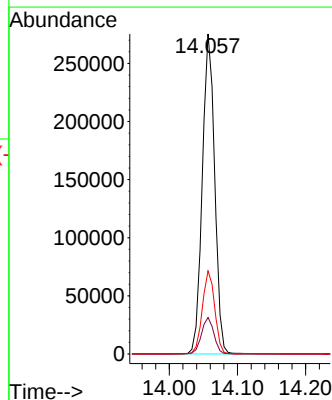
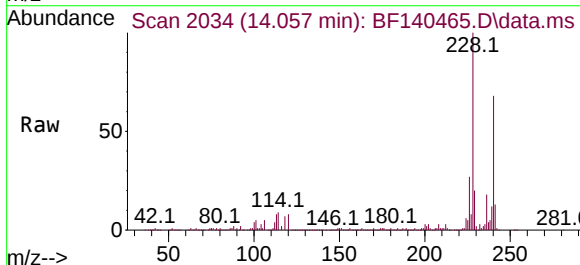
Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	30.7
203	17.5	0.0	37.7

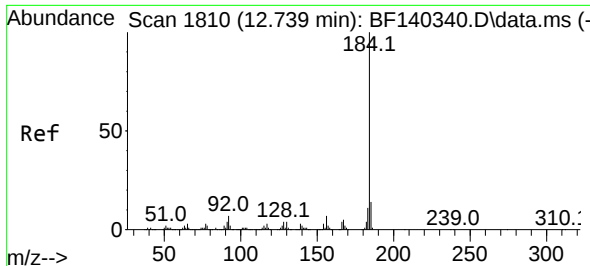


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:240 Resp: 347810

Ion	Ratio	Lower	Upper
240	100		
120	11.4	8.8	13.2
236	25.9	20.9	31.3

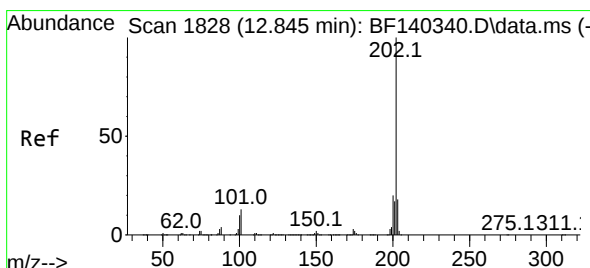
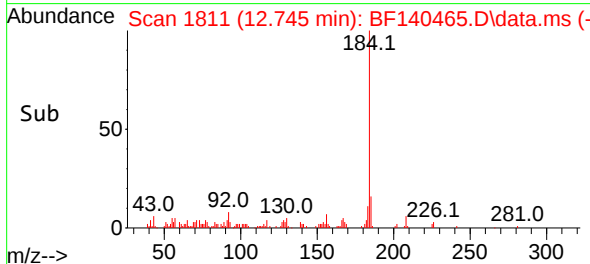
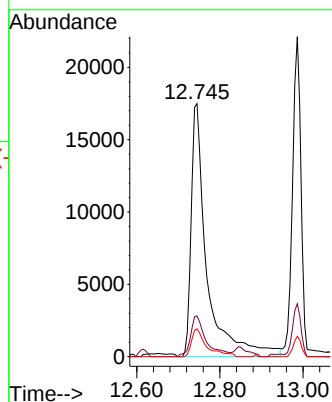
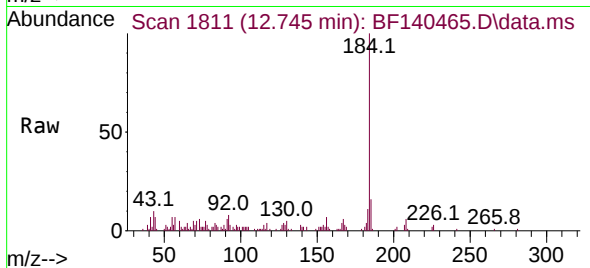




#77
Benzidine
Concen: 3.437 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.012 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

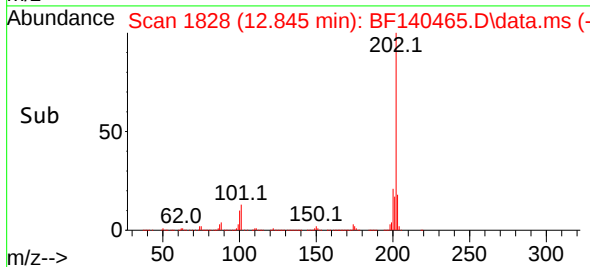
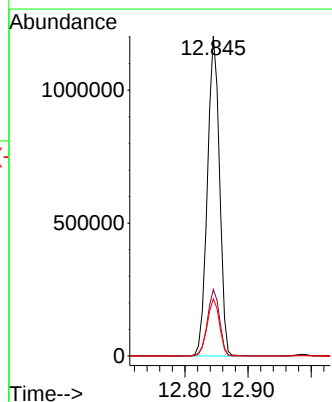
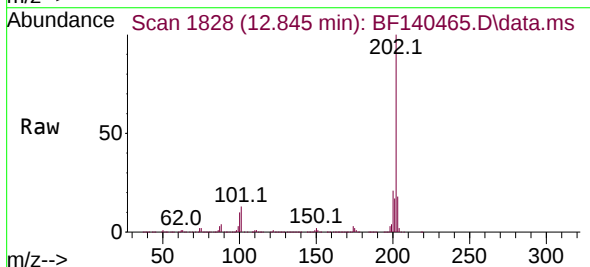
Instrument :
BNA_F
ClientSampleId :
TP-1MS

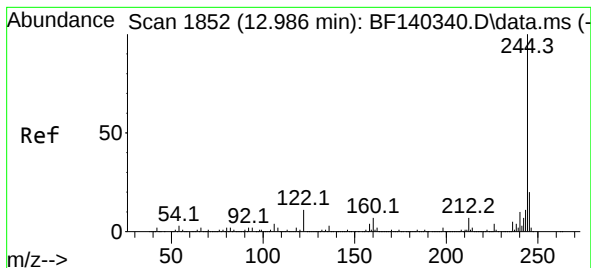
Tgt Ion:184 Resp: 45876
Ion Ratio Lower Upper
184 100
185 16.1 11.9 17.9
183 11.0 8.6 13.0



#78
Pyrene
Concen: 53.682 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:202 Resp: 1597064
Ion Ratio Lower Upper
202 100
200 20.8 16.2 24.2
203 17.8 14.2 21.4





#79

Terphenyl-d14

Concen: 109.589 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

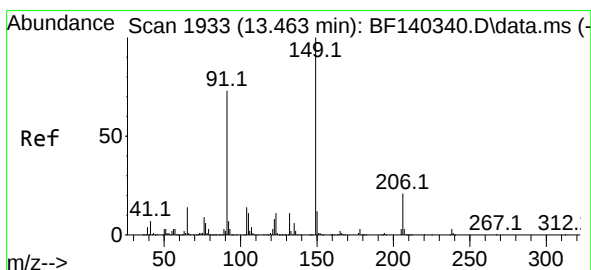
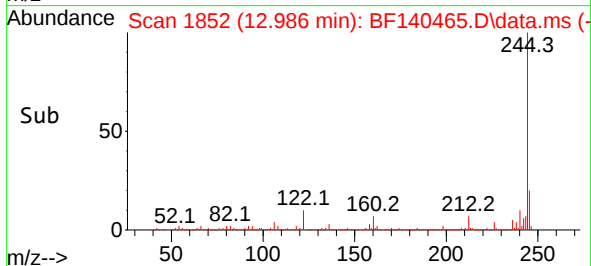
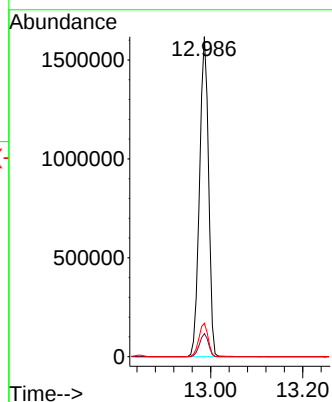
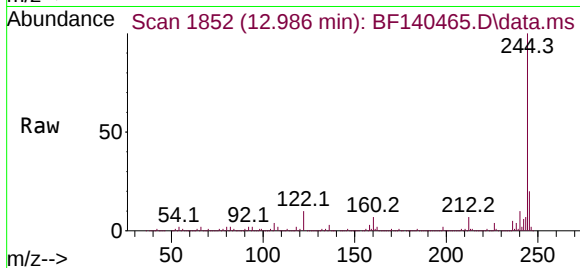
Tgt Ion:244 Resp: 2195898

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 10.4 8.8 13.2



#80

Butylbenzylphthalate

Concen: 57.779 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

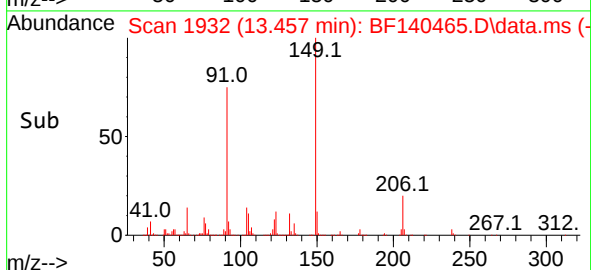
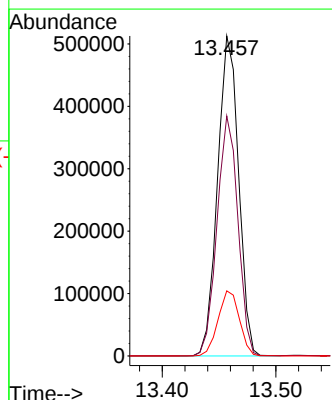
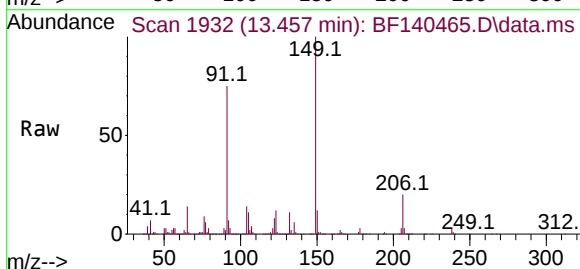
Tgt Ion:149 Resp: 660343

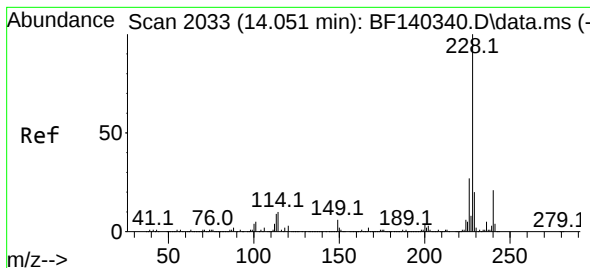
Ion Ratio Lower Upper

149 100

91 75.0 61.0 91.4

206 20.4 16.1 24.1





#81

Benzo(a)anthracene

Concen: 53.599 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

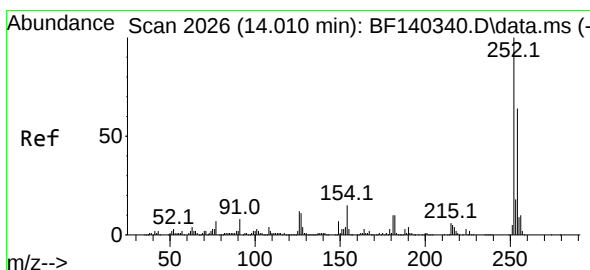
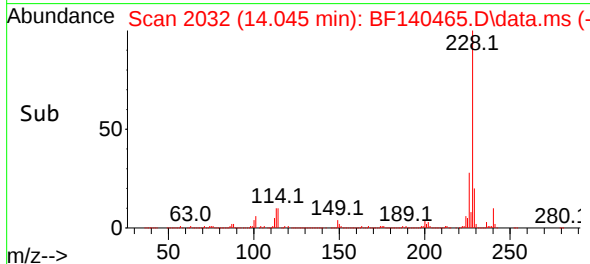
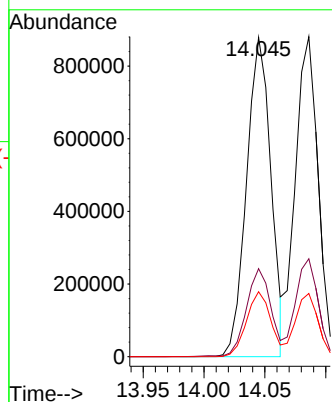
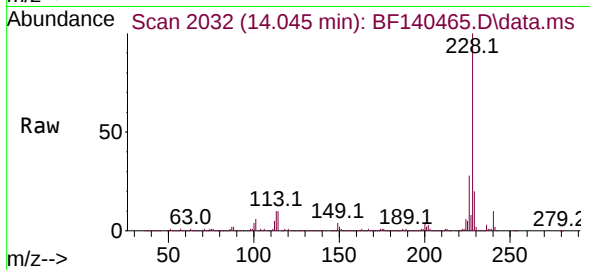
Tgt Ion:228 Resp: 1225212

Ion Ratio Lower Upper

228 100

226 27.5 22.2 33.4

229 20.3 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 27.831 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

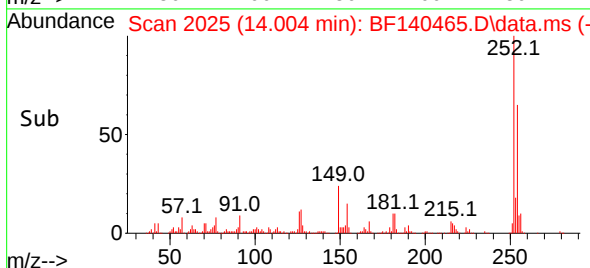
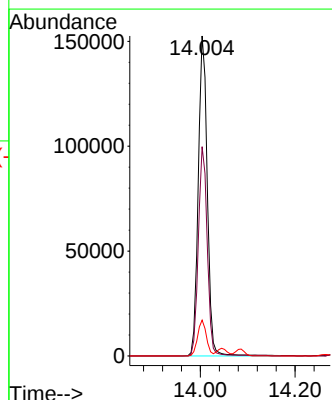
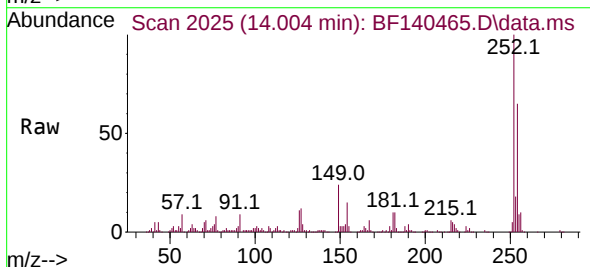
Tgt Ion:252 Resp: 202214

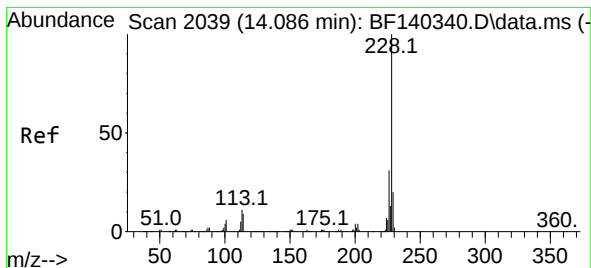
Ion Ratio Lower Upper

252 100

254 65.4 51.4 77.2

126 11.2 9.4 14.0





#83

Chrysene

Concen: 54.956 ng

RT: 14.086 min Scan# 2039

Delta R.T. 0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

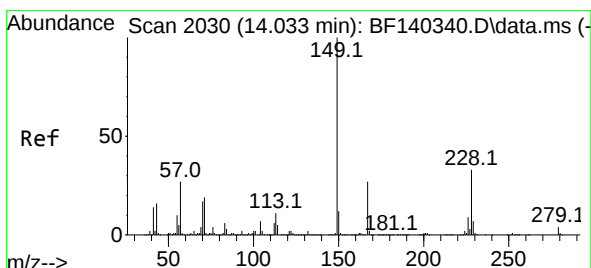
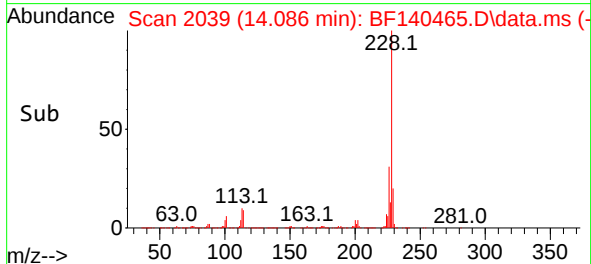
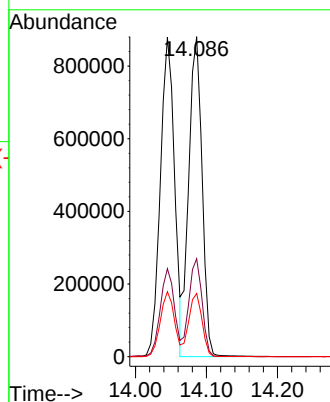
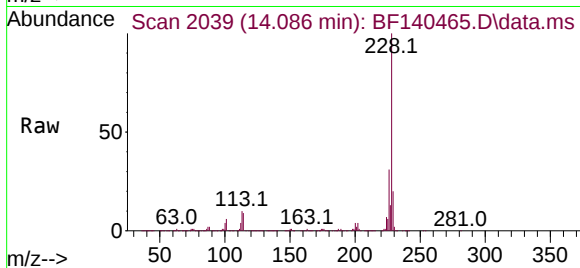
Tgt Ion:228 Resp: 1146211

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 19.8 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.526 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

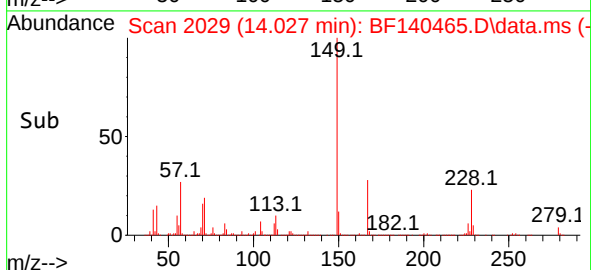
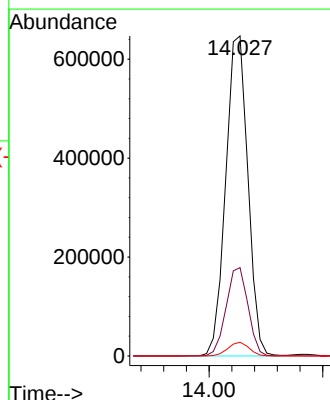
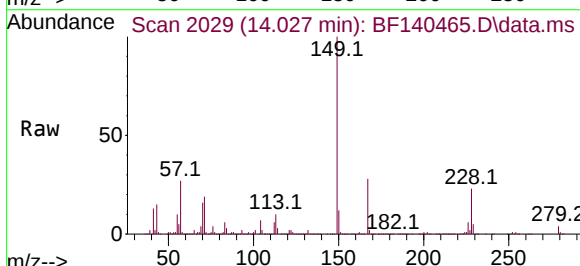
Tgt Ion:149 Resp: 877551

Ion Ratio Lower Upper

149 100

167 27.6 21.4 32.0

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 61.181 ng

RT: 14.668 min Scan# 2140

Delta R.T. 0.006 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

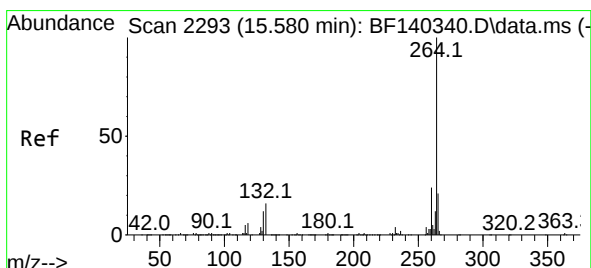
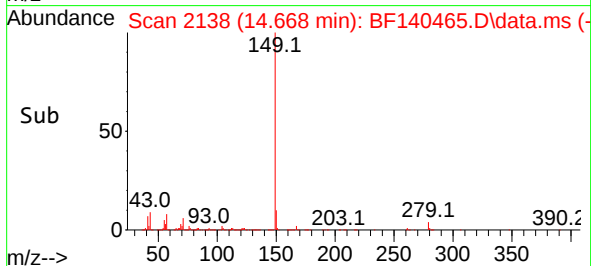
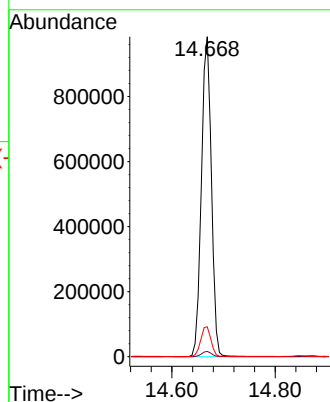
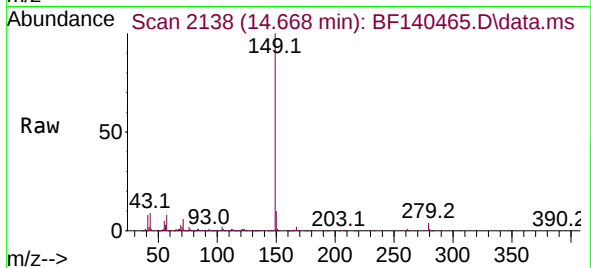
Tgt Ion:149 Resp: 1314455

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

43 9.5 8.0 12.0



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2291

Delta R.T. 0.012 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

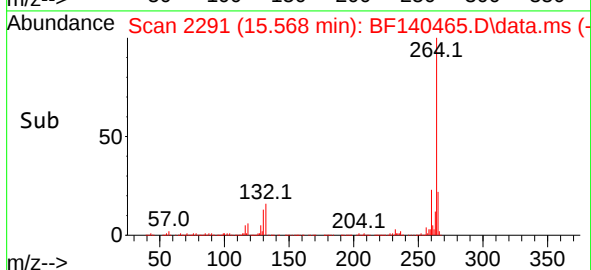
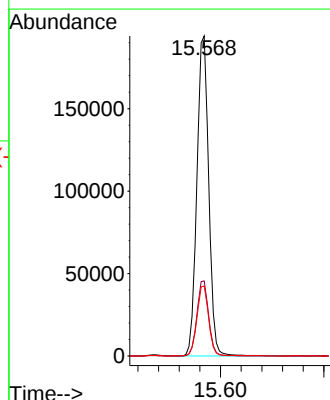
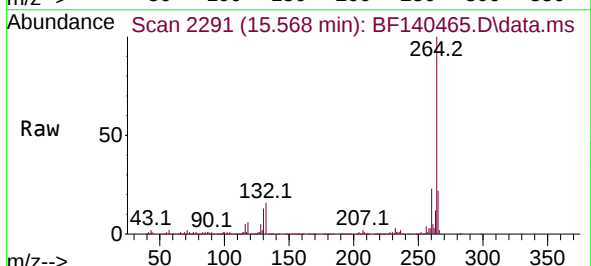
Tgt Ion:264 Resp: 308234

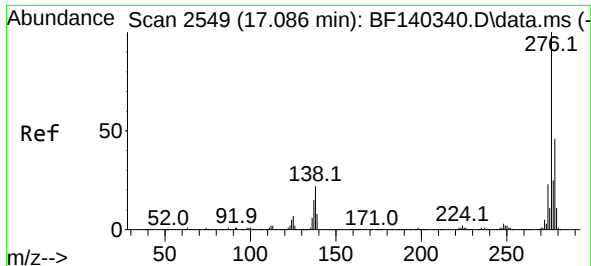
Ion Ratio Lower Upper

264 100

260 23.4 19.2 28.8

265 21.9 17.1 25.7

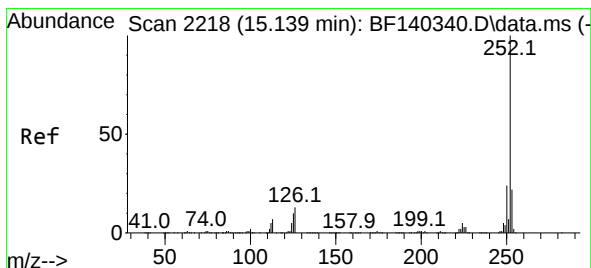
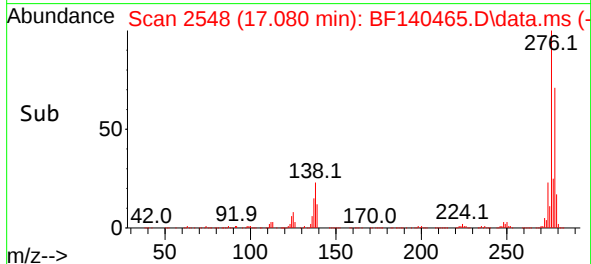
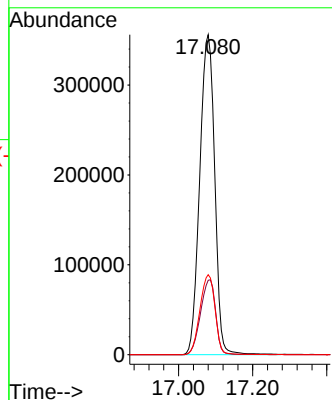
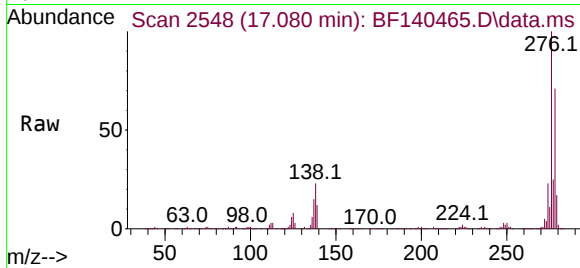




#87
Indeno(1,2,3-cd)pyrene
Concen: 52.404 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

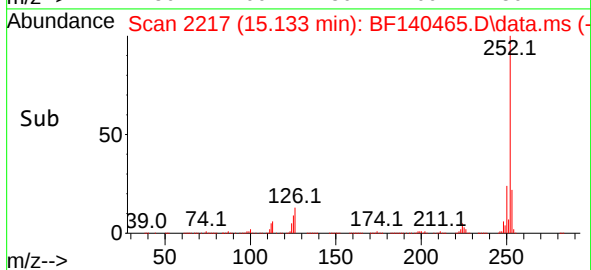
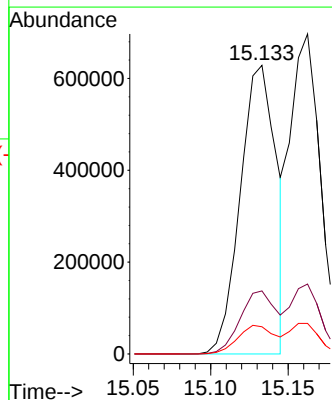
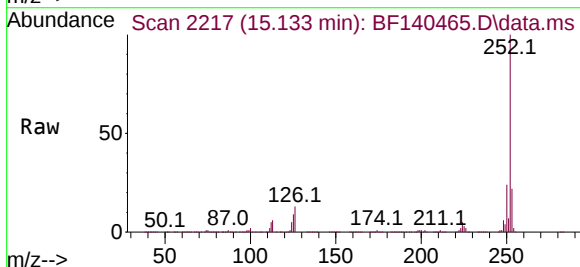
Instrument :
BNA_F
ClientSampleId :
TP-1MS

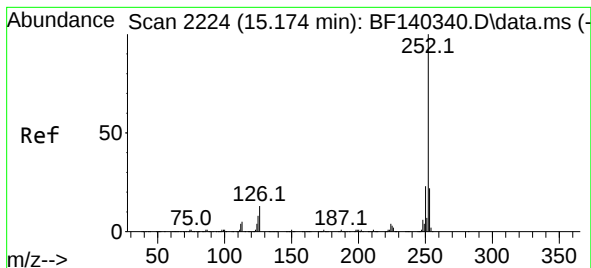
Tgt Ion:276 Resp: 997792
Ion Ratio Lower Upper
276 100
138 23.5 18.8 28.2
277 25.2 20.2 30.2



#88
Benzo(b)fluoranthene
Concen: 50.502 ng
RT: 15.133 min Scan# 2217
Delta R.T. 0.018 min
Lab File: BF140465.D
Acq: 19 Nov 2024 11:36

Tgt Ion:252 Resp: 1018274
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 9.4 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 56.999 ng

RT: 15.162 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

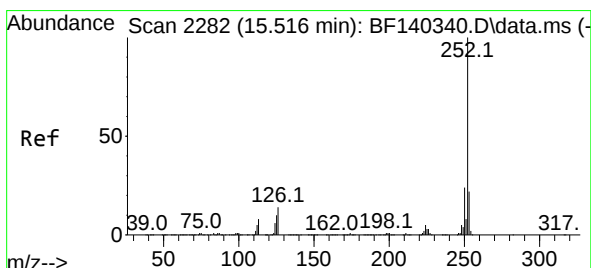
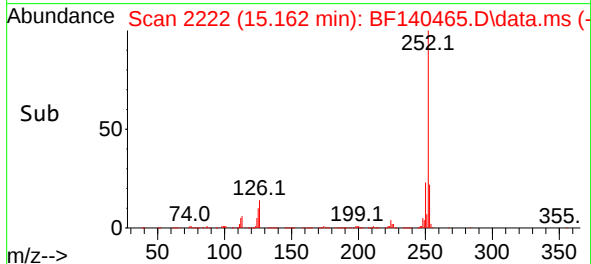
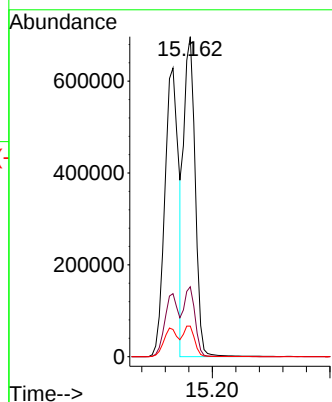
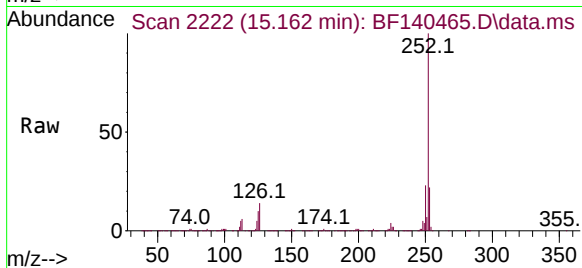
Tgt Ion:252 Resp: 938884

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 9.5 7.4 11.2



#90

Benzo(a)pyrene

Concen: 57.666 ng

RT: 15.504 min Scan# 2280

Delta R.T. 0.012 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

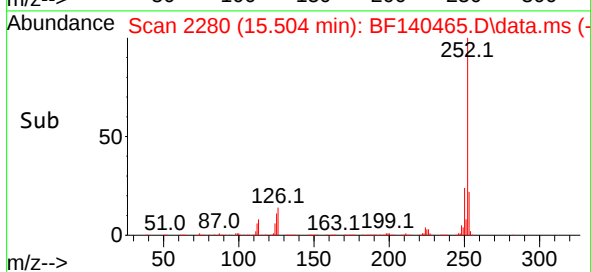
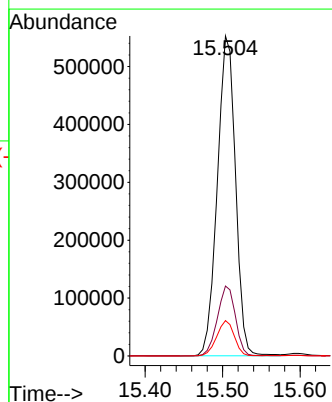
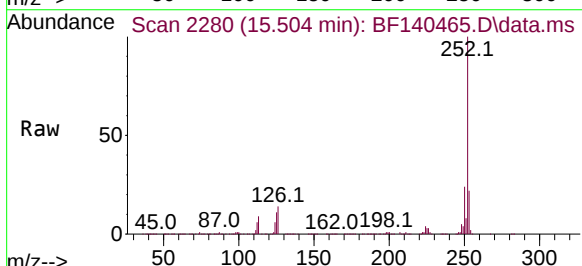
Tgt Ion:252 Resp: 902932

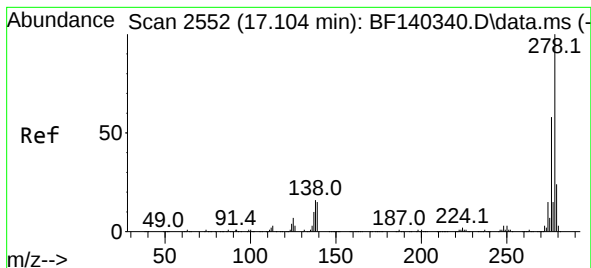
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 11.1 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 51.263 ng

RT: 17.092 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Instrument :

BNA_F

ClientSampleId :

TP-1MS

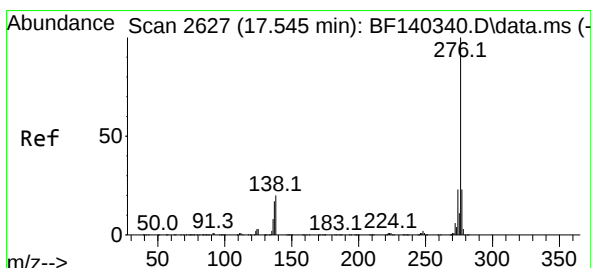
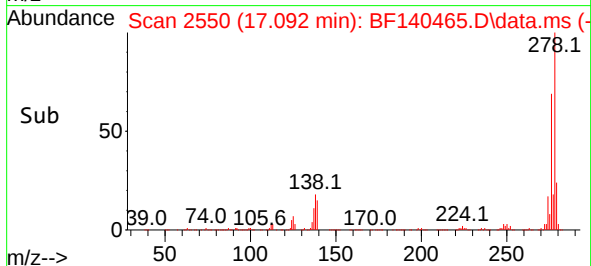
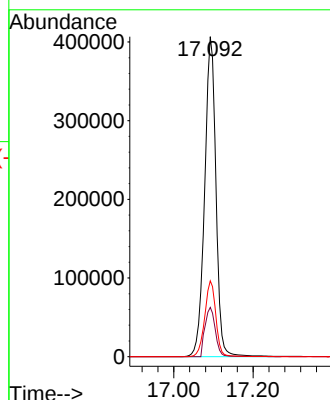
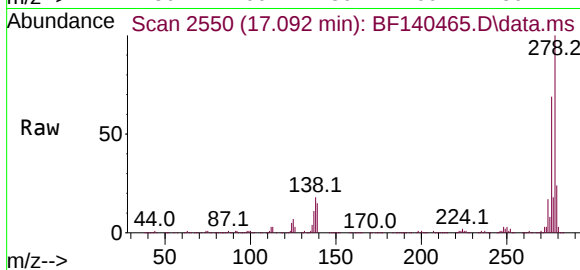
Tgt Ion:278 Resp: 806817

Ion Ratio Lower Upper

278 100

139 15.4 11.8 17.8

279 23.7 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 46.290 ng

RT: 17.533 min Scan# 2625

Delta R.T. 0.018 min

Lab File: BF140465.D

Acq: 19 Nov 2024 11:36

Tgt Ion:276 Resp: 744822

Ion Ratio Lower Upper

276 100

277 24.5 18.6 28.0

138 20.2 16.0 24.0

