

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140648.D
 Acq On : 26 Nov 2024 18:00
 Operator : RC/JU
 Sample : P4938-04MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732MSD

Quant Time: Nov 27 00:07:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	65801	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	240817	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	128112	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	225568	20.000	ng	0.00
76) Chrysene-d12	14.051	240	155066	20.000	ng	0.00
86) Perylene-d12	15.545	264	144332	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	560561	145.353	ng	0.01
7) Phenol-d6	6.516	99	702751	137.836	ng	0.00
23) Nitrobenzene-d5	7.434	82	478711	101.680	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	202121	147.516	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	863754	100.455	ng	0.00
79) Terphenyl-d14	12.980	244	804394	80.775	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	65999	40.703	ng	# 83
3) Pyridine	3.504	79	108451	30.399	ng	97
4) n-Nitrosodimethylamine	3.422	42	95192	45.398	ng	92
6) Aniline	6.539	93	49507	13.796	ng	# 50
8) 2-Chlorophenol	6.663	128	209526	50.499	ng	95
9) Benzaldehyde	6.428	77	16928	6.272	ng	97
10) Phenol	6.528	94	247754	47.583	ng	85
11) bis(2-Chloroethyl)ether	6.604	93	193752	48.628	ng	100
12) 1,3-Dichlorobenzene	6.810	146	194828	41.790	ng	98
13) 1,4-Dichlorobenzene	6.892	146	201220	42.626	ng	99
14) 1,2-Dichlorobenzene	7.039	146	192045	43.416	ng	99
15) Benzyl Alcohol	7.016	79	174263	46.089	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	240250	51.040	ng	88
17) 2-Methylphenol	7.134	107	169206	50.946	ng	98
18) Hexachloroethane	7.381	117	71036	40.291	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	148864	49.404	ng	98
20) 3+4-Methylphenols	7.286	107	223859	52.438	ng	91
22) Acetophenone	7.281	105	292973	49.902	ng	96
24) Nitrobenzene	7.457	77	225745	46.393	ng	97
25) Isophorone	7.692	82	396618	50.508	ng	100
26) 2-Nitrophenol	7.769	139	110078	51.048	ng	97
27) 2,4-Dimethylphenol	7.810	122	164141	63.620	ng	96
28) bis(2-Chloroethoxy)met...	7.898	93	236410	49.418	ng	99
29) 2,4-Dichlorophenol	8.016	162	181404	53.062	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	177279	45.416	ng	98
31) Naphthalene	8.175	128	602153	48.544	ng	99
32) Benzoic acid	7.933	122	116187	51.188	ng	99
33) 4-Chloroaniline	8.233	127	34998	9.424	ng	97
34) Hexachlorobutadiene	8.286	225	111029	42.944	ng	98
35) Caprolactam	8.586	113	38269	36.171	ng	97
36) 4-Chloro-3-methylphenol	8.716	107	199297	52.067	ng	98
37) 2-Methylnaphthalene	8.863	142	397926	50.507	ng	100
38) 1-Methylnaphthalene	8.963	142	367223	47.552	ng	100
40) 1,2,4,5-Tetrachloroben...	9.033	216	192792	51.405	ng	99
41) Hexachlorocyclopentadiene	9.016	237	94787	109.480	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	128858	54.754	ng	98

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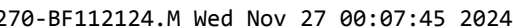
Instrument :
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	138110	54.074	ng	95
46) 1,1'-Biphenyl	9.328	154	502372	52.522	ng	99
47) 2-Chloronaphthalene	9.357	162	372782	51.435	ng	98
48) 2-Nitroaniline	9.451	65	122343	52.591	ng	98
49) Acenaphthylene	9.769	152	609254	55.637	ng	100
50) Dimethylphthalate	9.627	163	458727	54.368	ng	100
51) 2,6-Dinitrotoluene	9.692	165	97739	51.077	ng	95
52) Acenaphthene	9.939	154	368259	52.927	ng	99
53) 3-Nitroaniline	9.869	138	20696	11.058	ng	98
54) 2,4-Dinitrophenol	9.980	184	94162	93.545	ng	94
55) Dibenzofuran	10.116	168	563810	53.124	ng	99
56) 4-Nitrophenol	10.039	139	132292	103.646	ng	93
57) 2,4-Dinitrotoluene	10.104	165	130813	51.437	ng	98
58) Fluorene	10.457	166	441119	51.782	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	116842	59.525	ng	93
60) Diethylphthalate	10.327	149	446963	52.139	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	217783	52.093	ng	98
62) 4-Nitroaniline	10.480	138	69362	35.336	ng	93
63) Azobenzene	10.610	77	400385	49.320	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	65975	57.237	ng	97
66) n-Nitrosodiphenylamine	10.569	169	311765	46.737	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	125100	53.853	ng	97
68) Hexachlorobenzene	11.010	284	137408	51.085	ng	99
69) Atrazine	11.092	200	73140	38.975	ng	99
70) Pentachlorophenol	11.210	266	138877	117.310	ng	97
71) Phenanthrene	11.421	178	592030	54.601	ng	99
72) Anthracene	11.474	178	600835	56.649	ng	100
73) Carbazole	11.633	167	511892	50.169	ng	99
74) Di-n-butylphthalate	11.951	149	686093	58.243	ng	100
75) Fluoranthene	12.616	202	609949	51.811	ng	100
77) Benzidine	12.745	184	58487	12.973	ng	99
78) Pyrene	12.845	202	616429	42.993	ng	99
80) Butylbenzylphthalate	13.457	149	247037	47.829	ng	99
81) Benzo(a)anthracene	14.039	228	563828	54.929	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	28322	9.190	ng	100
83) Chrysene	14.074	228	509775	54.312	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	332264	50.946	ng	99
85) Di-n-octyl phthalate	14.639	149	546234	61.285	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	386990	41.143	ng	97
88) Benzo(b)fluoranthene	15.109	252	502250	55.401	ng	99
89) Benzo(k)fluoranthene	15.139	252	468484	59.053	ng	100
90) Benzo(a)pyrene	15.480	252	428040	58.070	ng	98
91) Dibenzo(a,h)anthracene	17.062	278	325450	42.249	ng	99
92) Benzo(g,h,i)perylene	17.509	276	282466	35.934	ng	98

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

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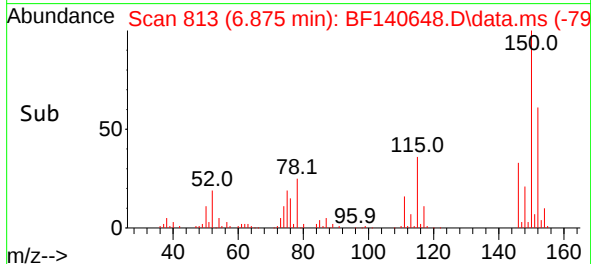
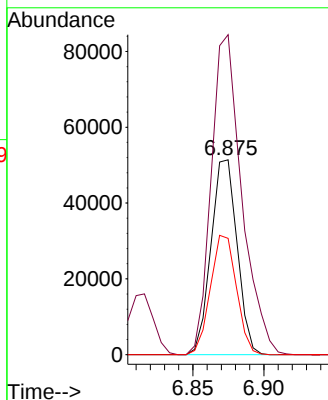
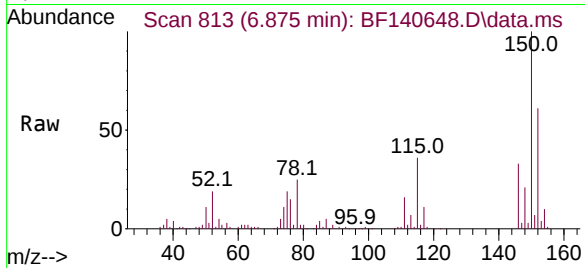




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF140648.D
 Acq: 26 Nov 2024 18:00

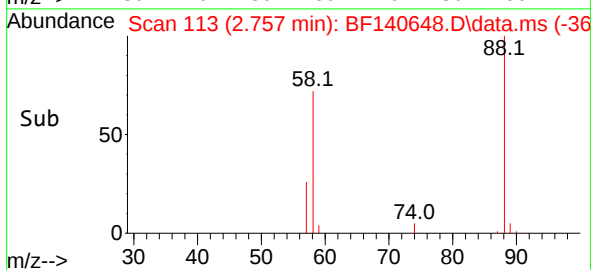
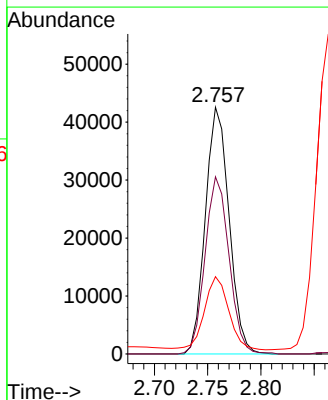
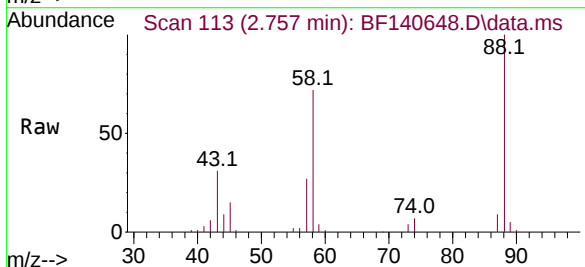
Instrument :
 BNA_F
 ClientSampleId :
 MH-732MSD

Tgt Ion:152 Resp: 65801
 Ion Ratio Lower Upper
 152 100
 150 164.2 128.5 192.7
 115 59.7 50.2 75.4



#2
 1,4-Dioxane
 Concen: 40.703 ng
 RT: 2.757 min Scan# 113
 Delta R.T. 0.106 min
 Lab File: BF140648.D
 Acq: 26 Nov 2024 18:00

Tgt Ion: 88 Resp: 65999
 Ion Ratio Lower Upper
 88 100
 58 72.6 57.4 86.2
 43 0.0 24.3 36.5





#3

Pyridine

Concen: 30.399 ng

RT: 3.504 min Scan# 240

Delta R.T. 0.082 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

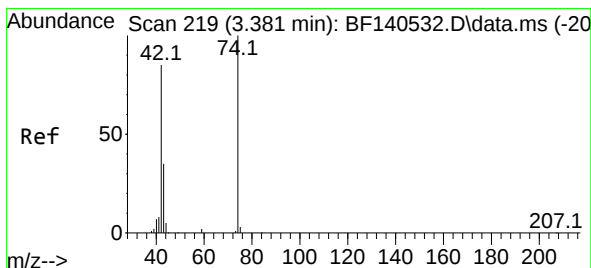
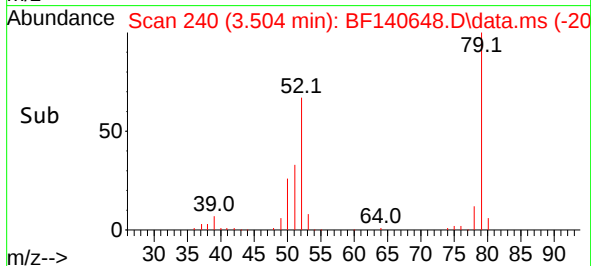
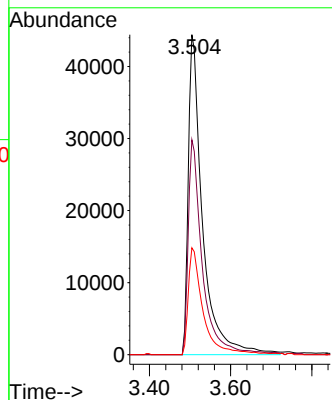
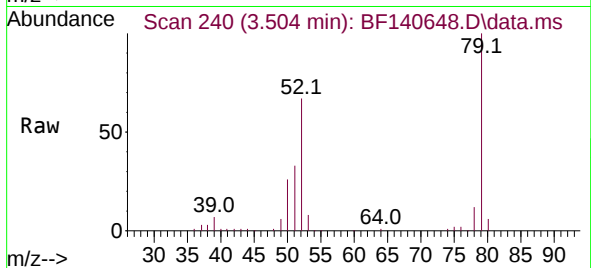
Tgt Ion: 79 Resp: 108451

Ion Ratio Lower Upper

79 100

52 67.1 52.1 78.1

51 33.4 27.8 41.8



#4

n-Nitrosodimethylamine

Concen: 45.398 ng

RT: 3.422 min Scan# 226

Delta R.T. 0.041 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

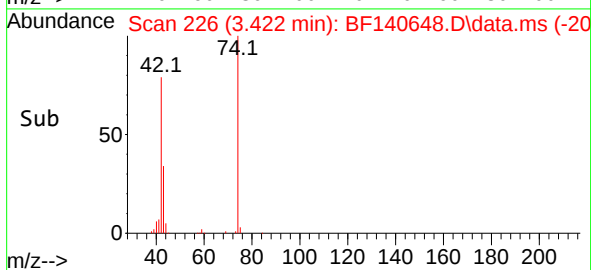
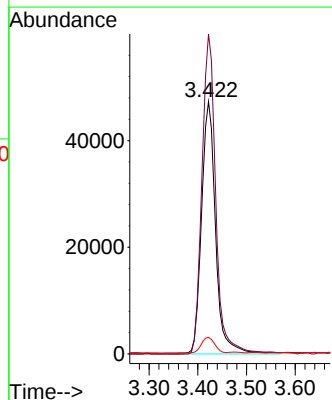
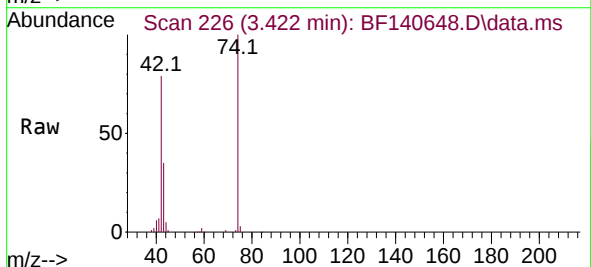
Tgt Ion: 42 Resp: 95192

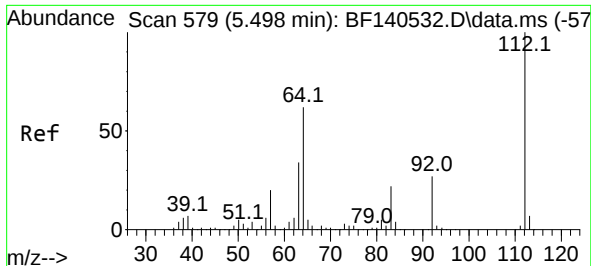
Ion Ratio Lower Upper

42 100

74 126.7 93.8 140.6

44 6.6 4.6 6.8

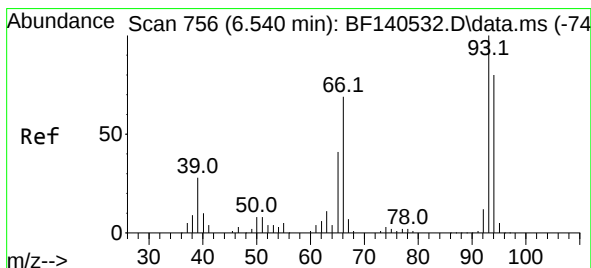
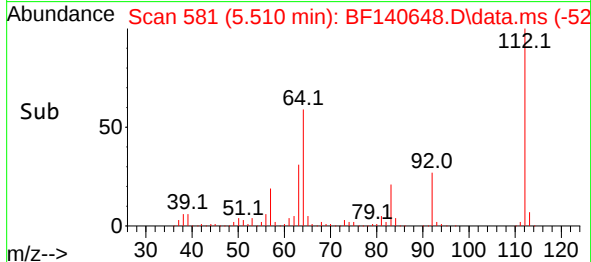
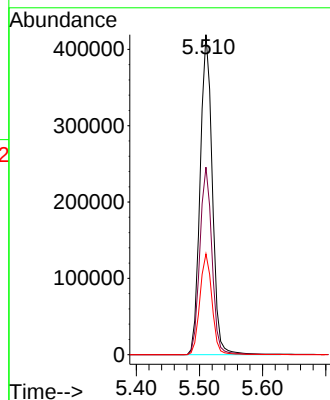
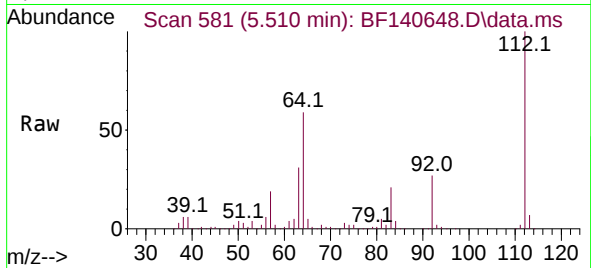




#5
2-Fluorophenol
Concen: 145.353 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

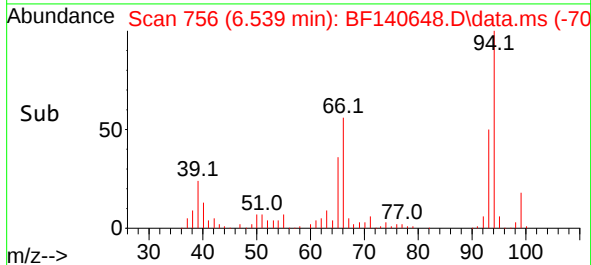
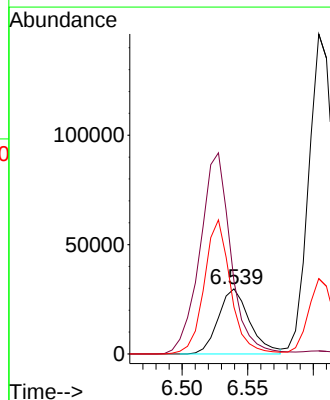
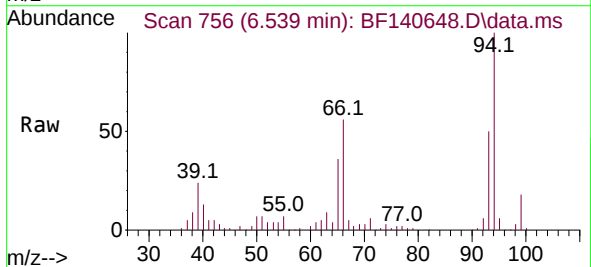
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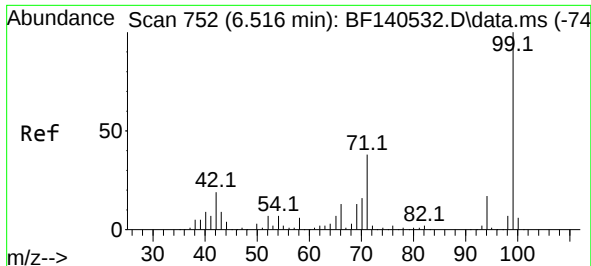
Tgt Ion:112 Resp: 560561
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 31.5 27.0 40.4



#6
Aniline
Concen: 13.796 ng
RT: 6.539 min Scan# 756
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion: 93 Resp: 49507
Ion Ratio Lower Upper
93 100
66 111.8 56.5 84.7#
65 71.9 32.9 49.3#

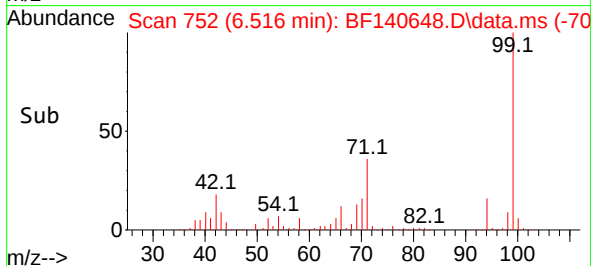
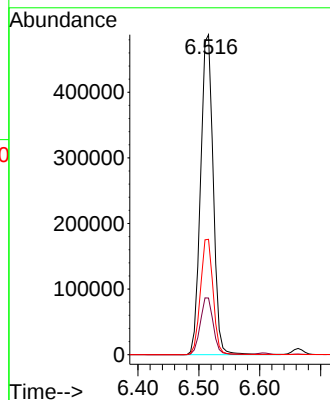
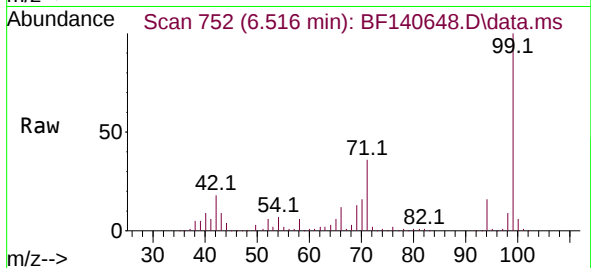




#7
Phenol-d6
Concen: 137.836 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

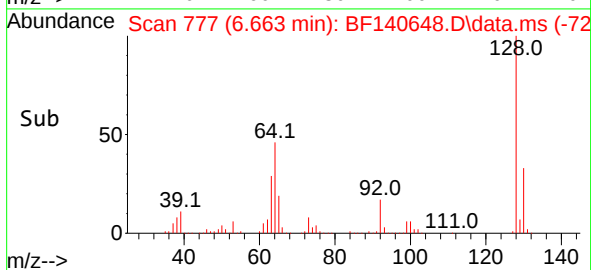
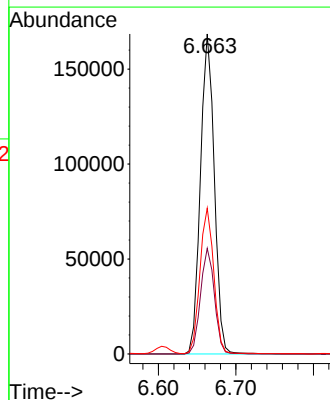
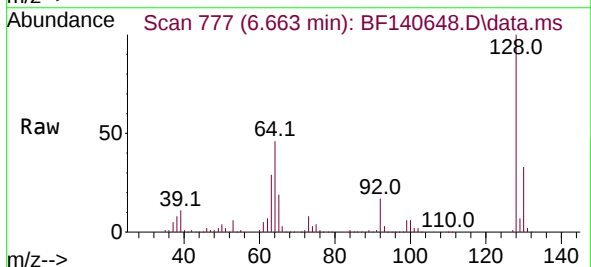
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ClientSampleId :
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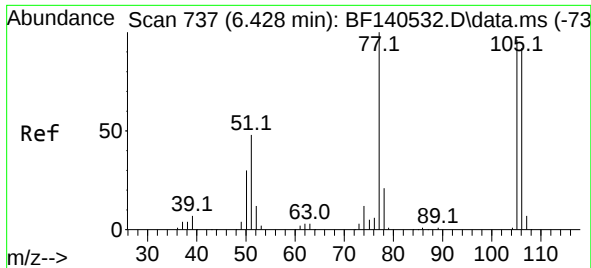
Tgt Ion: 99 Resp: 702751
Ion Ratio Lower Upper
99 100
42 17.7 15.4 23.0
71 36.1 30.6 46.0



#8
2-Chlorophenol
Concen: 50.499 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:128 Resp: 209526
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 45.6 30.2 70.2





#9

Benzaldehyde

Concen: 6.272 ng

RT: 6.428 min Scan# 737

Delta R.T. -0.000 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

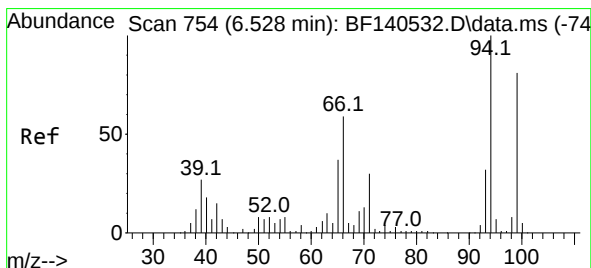
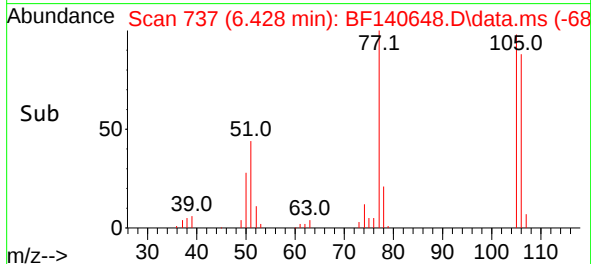
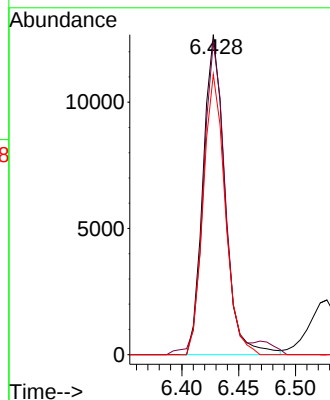
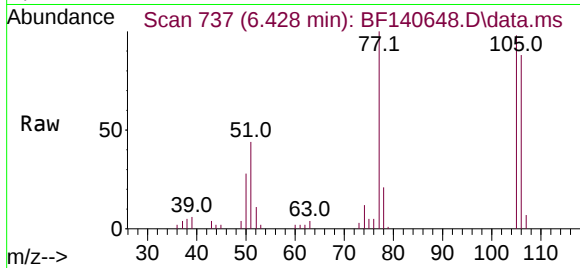
Tgt Ion: 77 Resp: 16928

Ion Ratio Lower Upper

77 100

105 97.7 75.6 115.6

106 87.6 72.0 112.0



#10

Phenol

Concen: 47.583 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

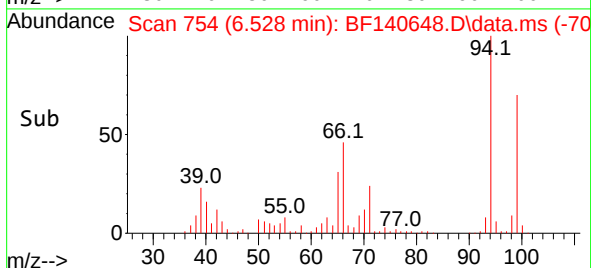
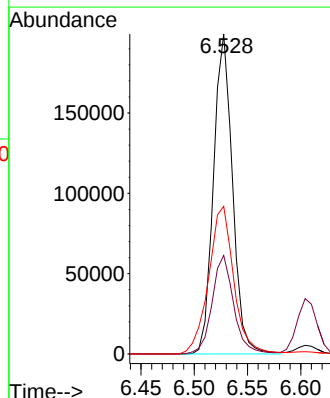
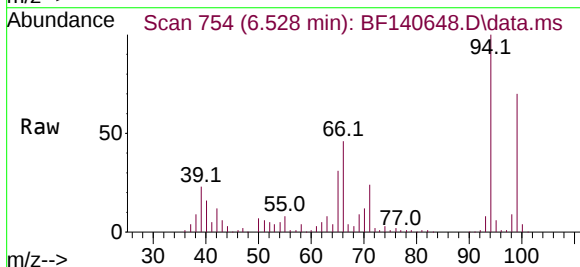
Tgt Ion: 94 Resp: 247754

Ion Ratio Lower Upper

94 100

65 30.8 17.2 57.2

66 46.1 39.2 79.2

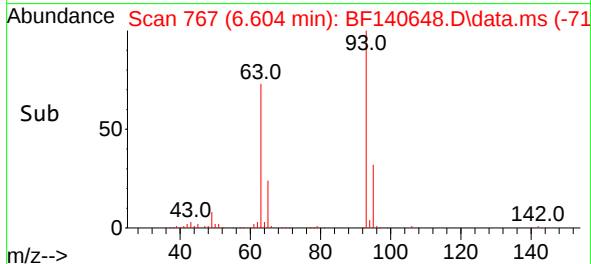
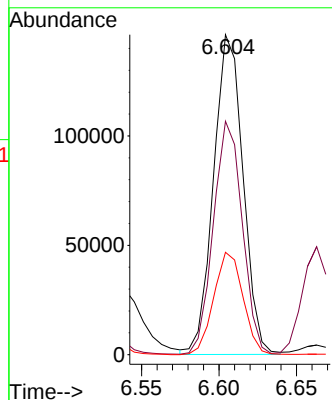
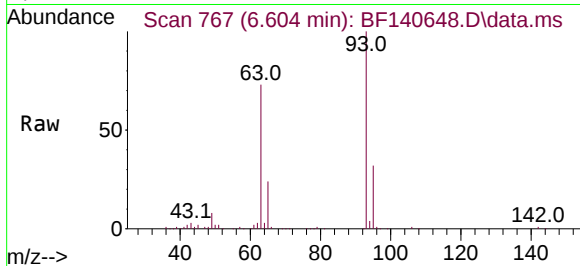




#11
bis(2-Chloroethyl)ether
Concen: 48.628 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

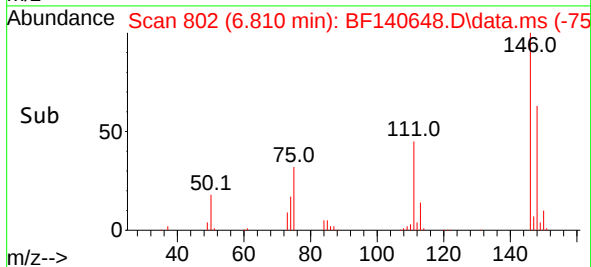
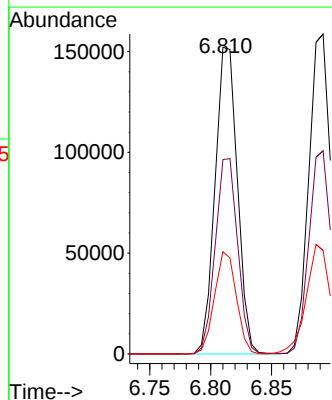
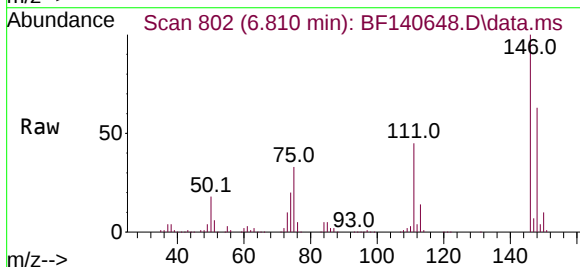
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion: 93 Resp: 193752
Ion Ratio Lower Upper
93 100
63 73.0 52.8 92.8
95 32.0 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 41.790 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:146 Resp: 194828
Ion Ratio Lower Upper
146 100
148 63.4 51.3 76.9
75 33.3 28.2 42.2

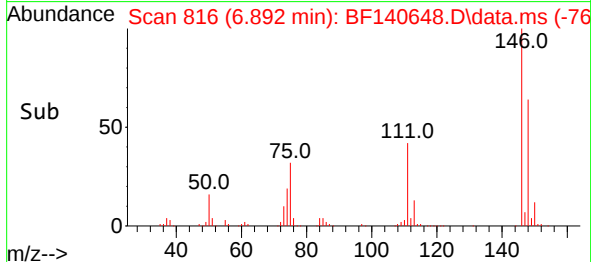
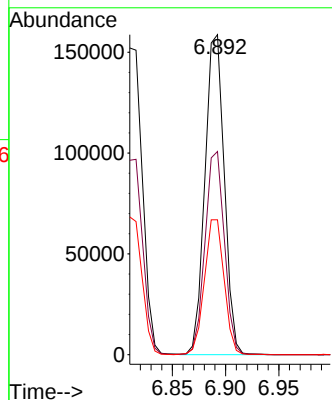
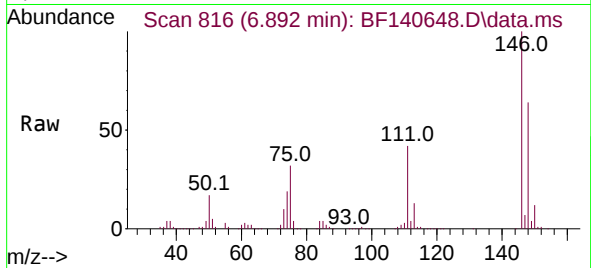




#13
1,4-Dichlorobenzene
Concen: 42.626 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

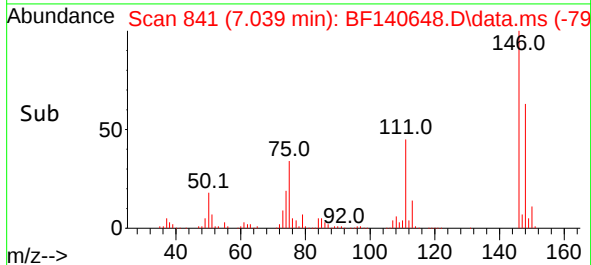
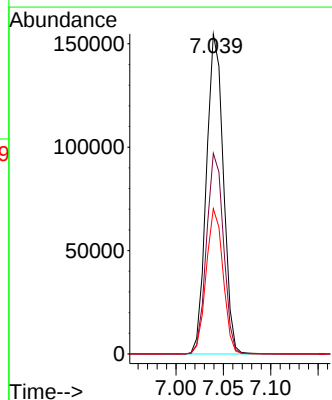
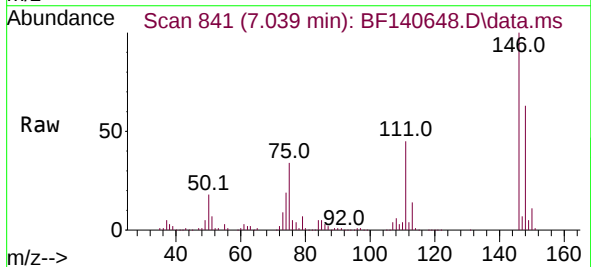
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:146 Resp: 201220
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.6
111 42.2 35.3 52.9



#14
1,2-Dichlorobenzene
Concen: 43.416 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:146 Resp: 192045
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
111 45.4 36.7 55.1

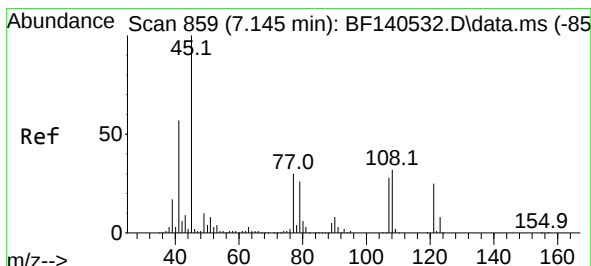
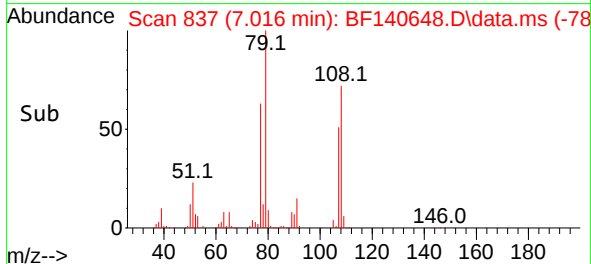
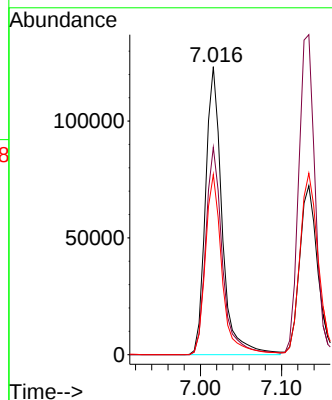
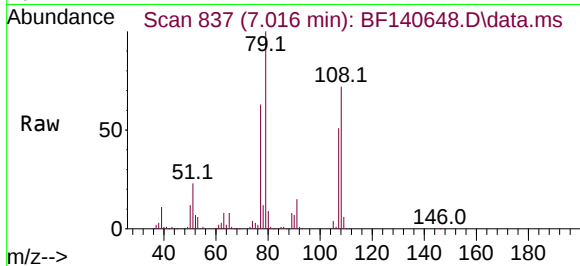




#15
Benzyl Alcohol
Concen: 46.089 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

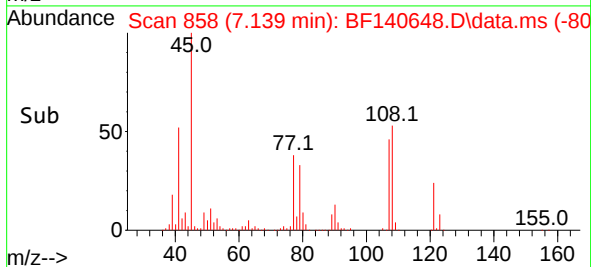
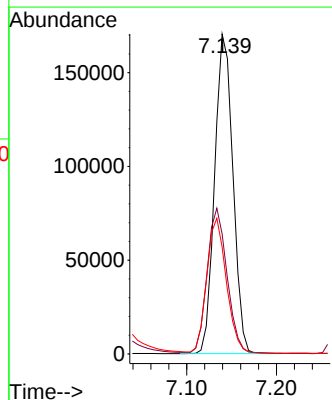
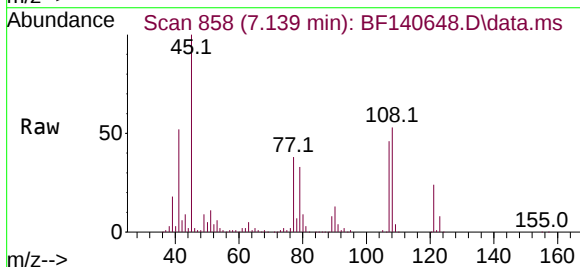
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

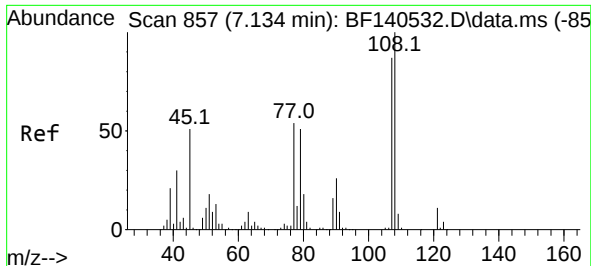
Tgt Ion: 79 Resp: 174263
Ion Ratio Lower Upper
79 100
108 72.0 55.0 82.6
77 62.5 50.1 75.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.040 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion: 45 Resp: 240250
Ion Ratio Lower Upper
45 100
77 37.5 10.7 50.7
79 33.4 7.0 47.0

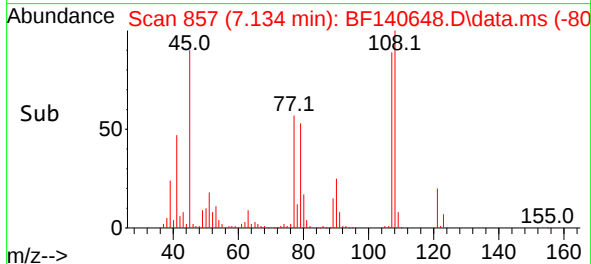
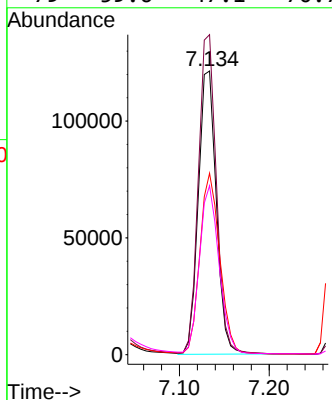
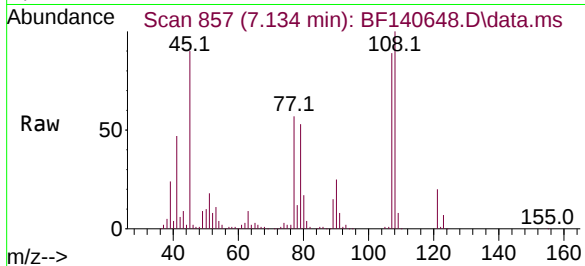




#17
2-Methylphenol
Concen: 50.946 ng
RT: 7.134 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

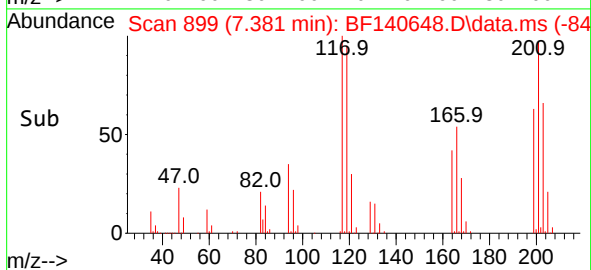
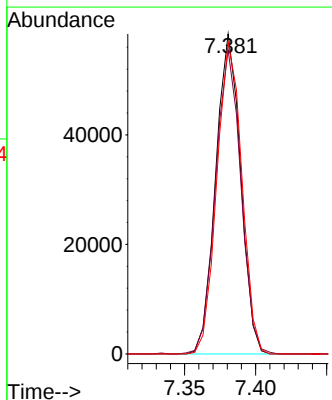
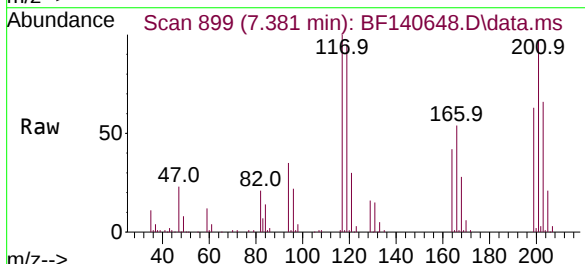
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

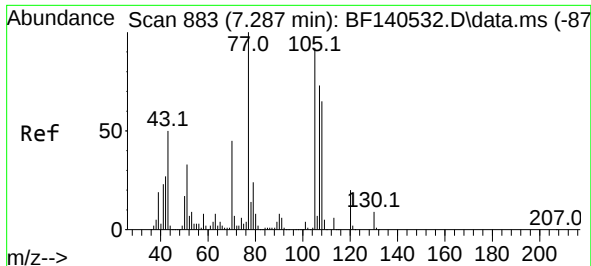
Tgt Ion:107 Resp: 169206
Ion Ratio Lower Upper
107 100
108 112.8 91.7 137.5
77 64.0 49.3 73.9
79 59.6 47.1 70.7



#18
Hexachloroethane
Concen: 40.291 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:117 Resp: 71036
Ion Ratio Lower Upper
117 100
119 95.1 77.1 115.7
201 97.4 81.1 121.7





#19

n-Nitroso-di-n-propylamine

Concen: 49.404 ng

RT: 7.281 min Scan# 882

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion: 70 Resp: 148864

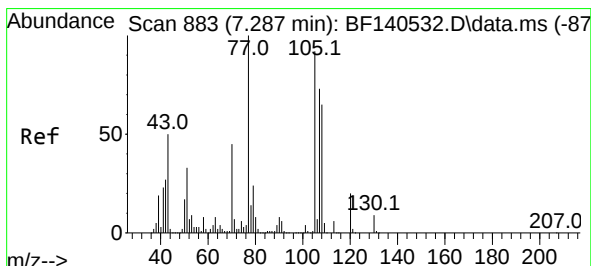
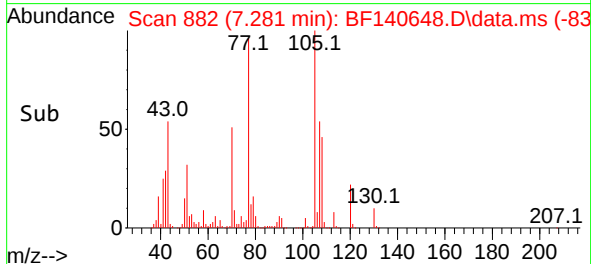
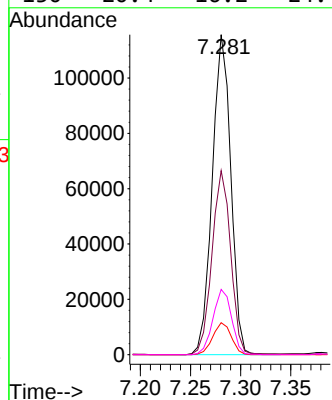
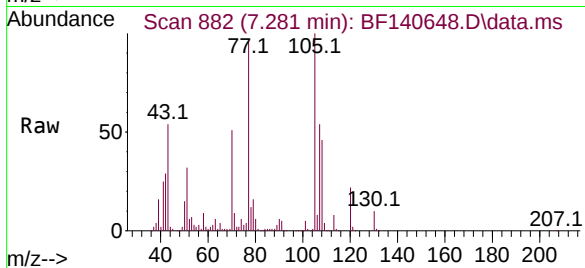
Ion Ratio Lower Upper

70 100

42 57.5 47.6 71.4

101 10.0 7.6 11.4

130 20.4 16.2 24.4



#20

3+4-Methylphenols

Concen: 52.438 ng

RT: 7.286 min Scan# 883

Delta R.T. -0.000 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Tgt Ion:107 Resp: 223859

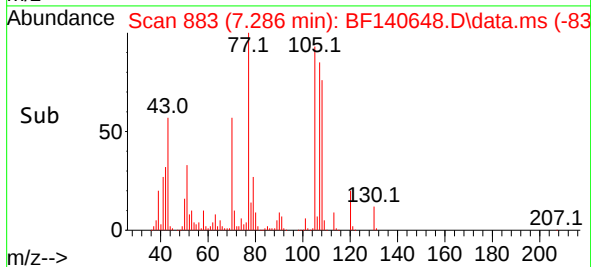
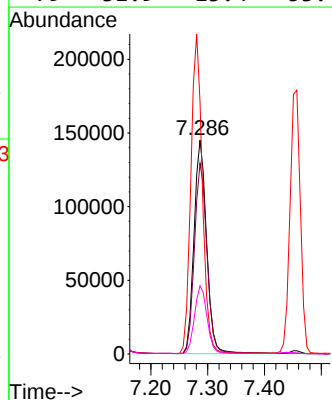
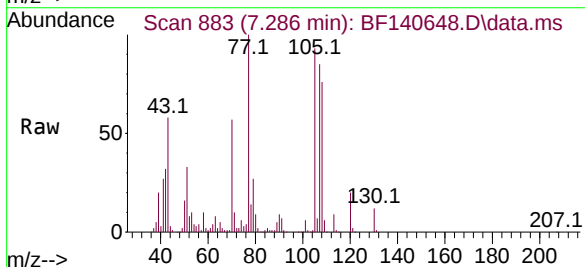
Ion Ratio Lower Upper

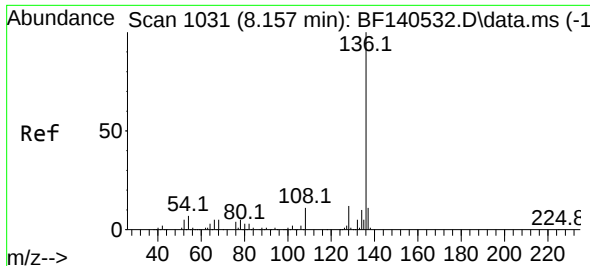
107 100

108 89.2 69.9 109.9

77 117.8 117.7 157.7

79 31.9 13.4 53.4



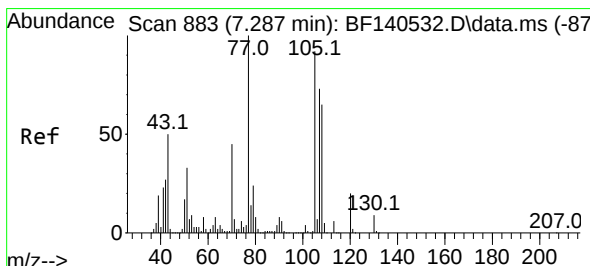
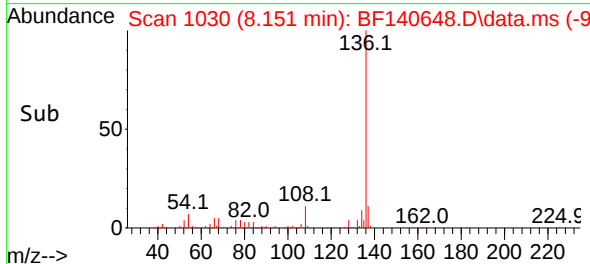
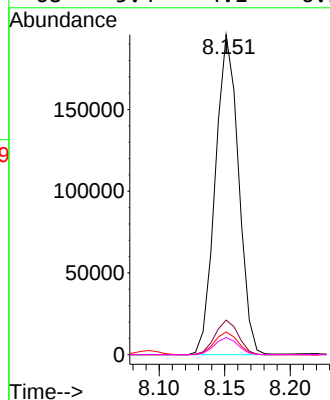
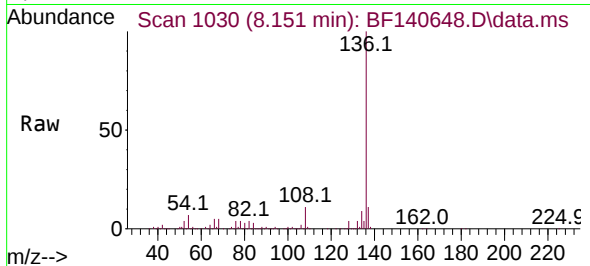


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:136 Resp: 240817

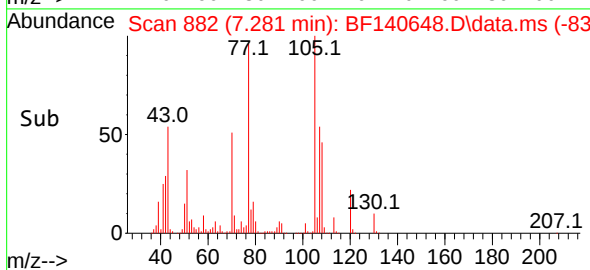
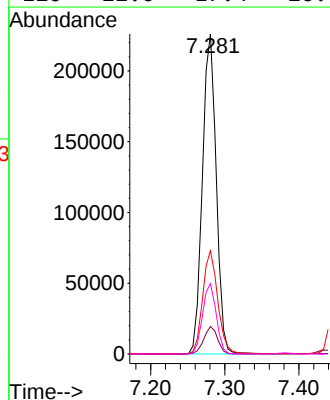
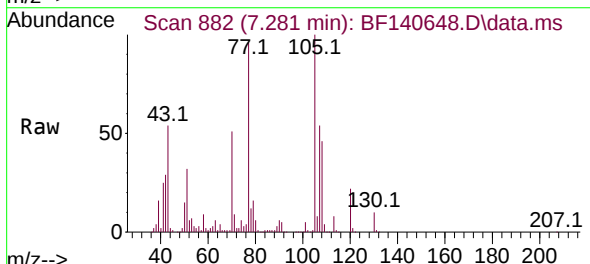
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	13.0
54	7.1	5.8	8.8
68	5.4	4.1	6.1



#22
Acetophenone
Concen: 49.902 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:105 Resp: 292973

Ion	Ratio	Lower	Upper
105	100		
71	8.6	6.2	9.2
51	32.3	29.0	43.6
120	22.0	17.4	26.0





#23

Nitrobenzene-d5

Concen: 101.680 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

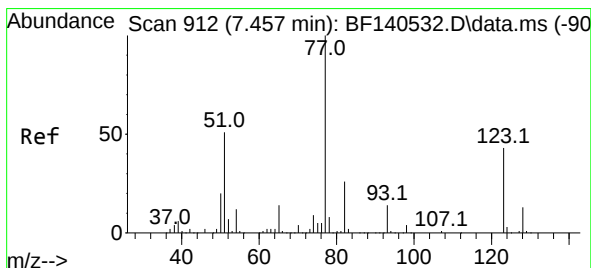
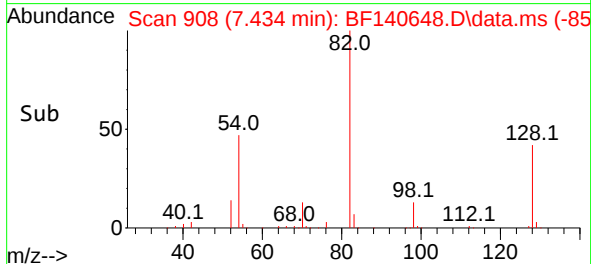
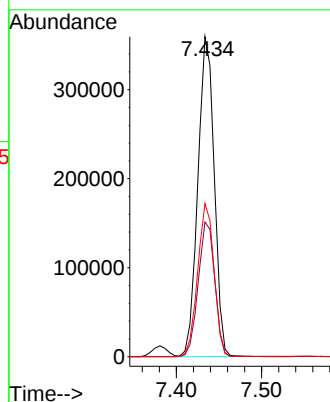
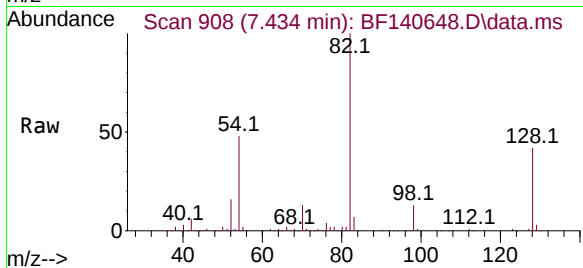
Tgt Ion: 82 Resp: 478711

Ion Ratio Lower Upper

82 100

128 42.1 33.0 49.4

54 47.9 39.5 59.3



#24

Nitrobenzene

Concen: 46.393 ng

RT: 7.457 min Scan# 912

Delta R.T. -0.000 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

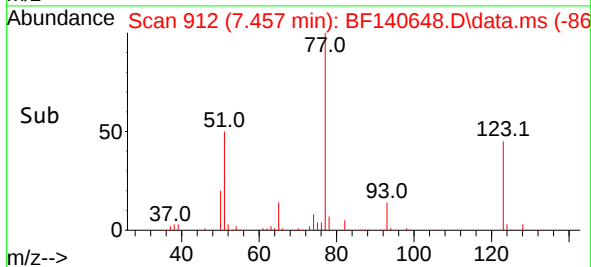
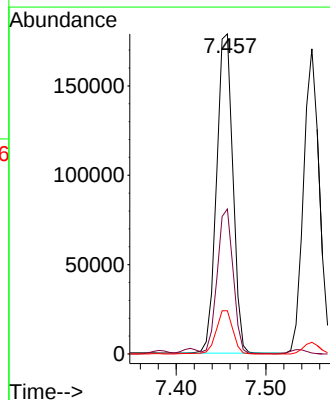
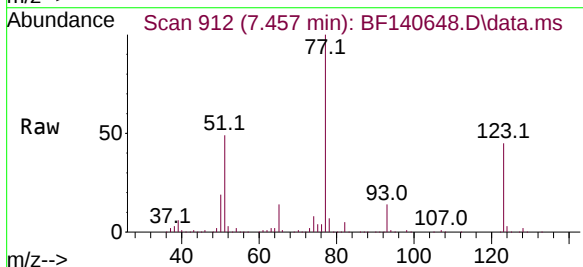
Tgt Ion: 77 Resp: 225745

Ion Ratio Lower Upper

77 100

123 45.3 34.3 51.5

65 13.5 11.2 16.8

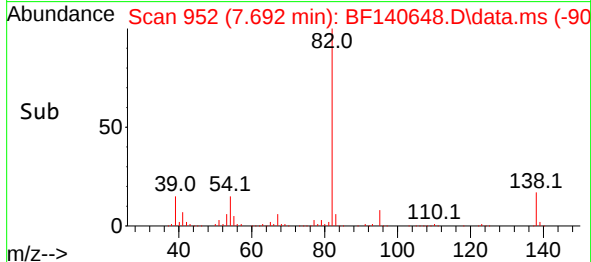
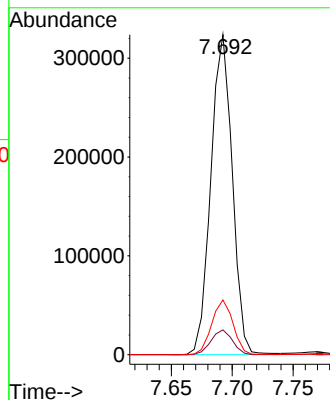
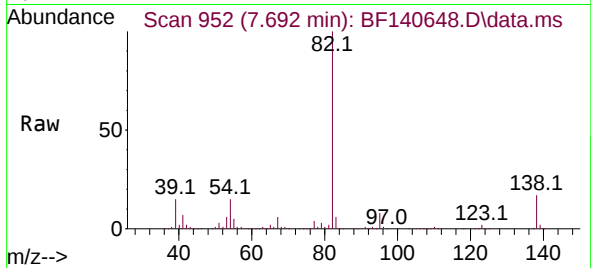




#25
Isophorone
Concen: 50.508 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

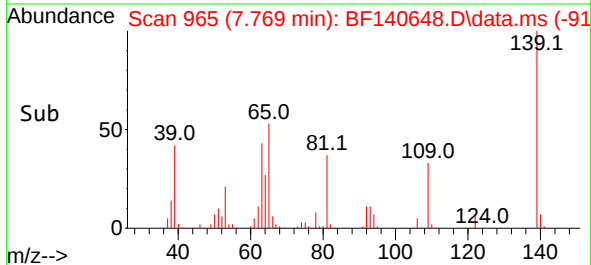
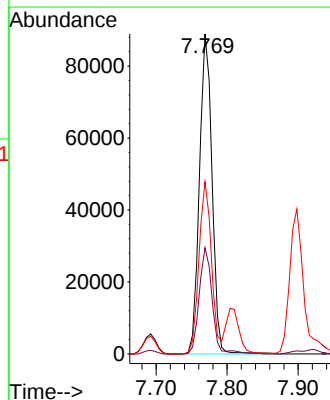
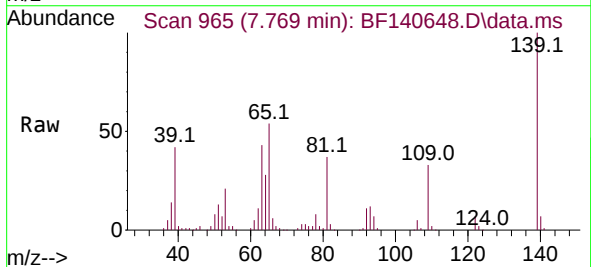
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion: 82 Resp: 396618
Ion Ratio Lower Upper
82 100
95 7.7 6.4 9.6
138 17.1 13.8 20.6



#26
2-Nitrophenol
Concen: 51.048 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:139 Resp: 110078
Ion Ratio Lower Upper
139 100
109 33.2 28.0 42.0
65 53.8 44.6 67.0

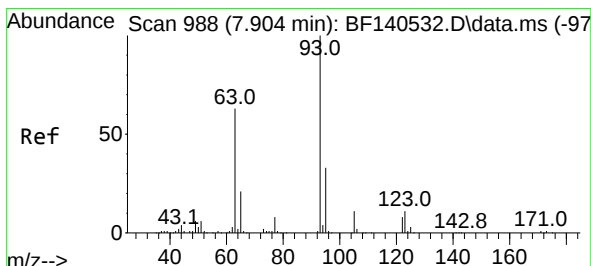
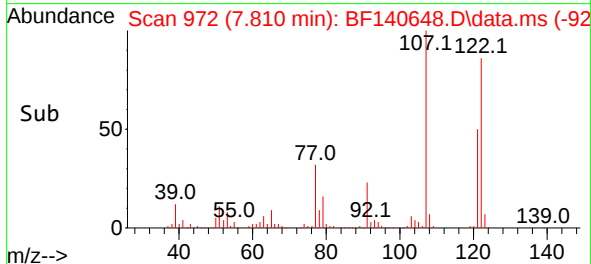
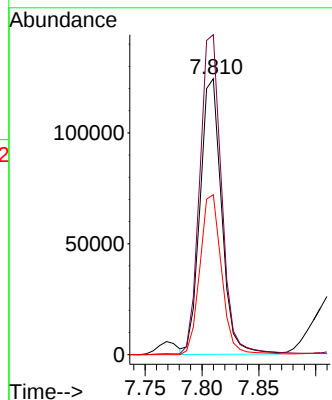
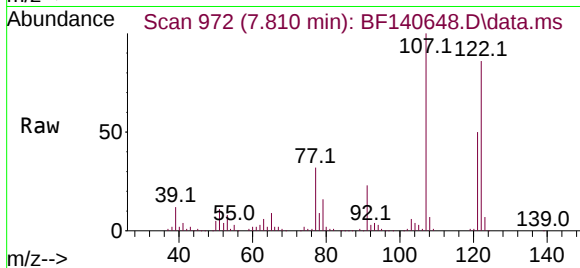




#27
2,4-Dimethylphenol
Concen: 63.620 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

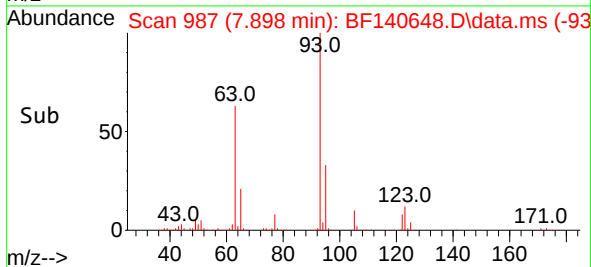
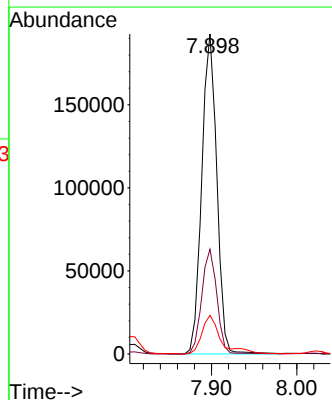
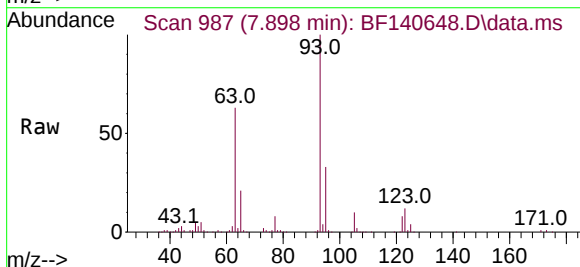
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:122 Resp: 164141
Ion Ratio Lower Upper
122 100
107 115.9 96.8 145.2
121 58.0 47.4 71.0



#28
bis(2-Chloroethoxy)methane
Concen: 49.418 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion: 93 Resp: 236410
Ion Ratio Lower Upper
93 100
95 32.7 26.1 39.1
123 12.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 53.062 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

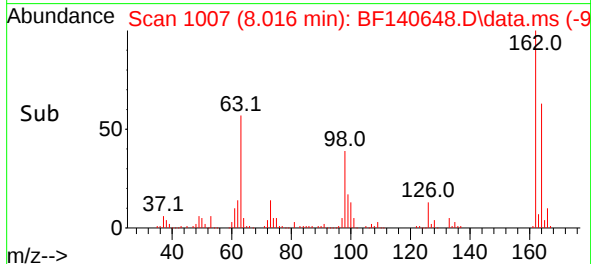
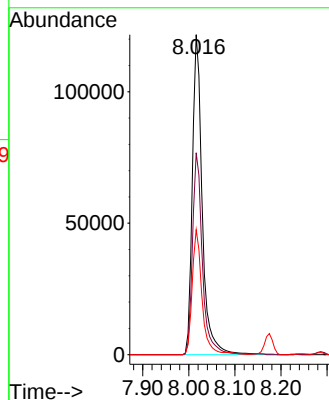
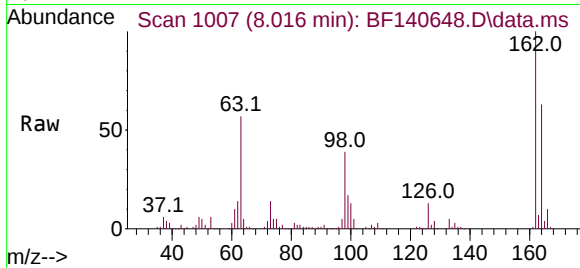
Tgt Ion:162 Resp: 181404

Ion Ratio Lower Upper

162 100

164 63.1 44.8 84.8

98 39.0 21.2 61.2



#30

1,2,4-Trichlorobenzene

Concen: 45.416 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

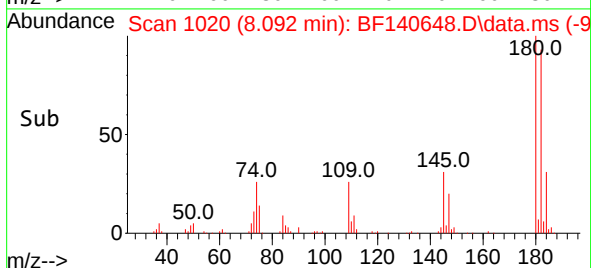
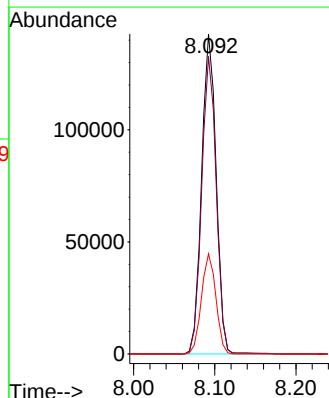
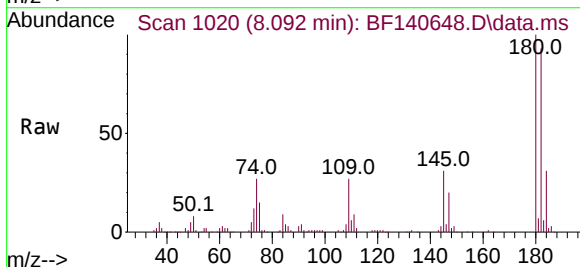
Tgt Ion:180 Resp: 177279

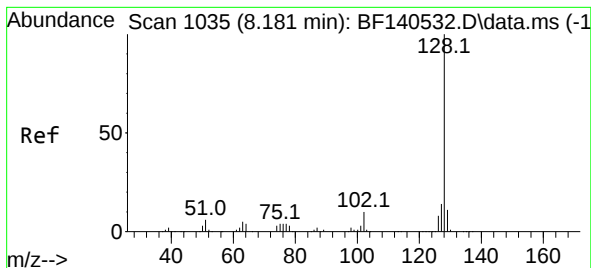
Ion Ratio Lower Upper

180 100

182 93.0 76.4 114.6

145 31.3 25.9 38.9





#31

Naphthalene

Concen: 48.544 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

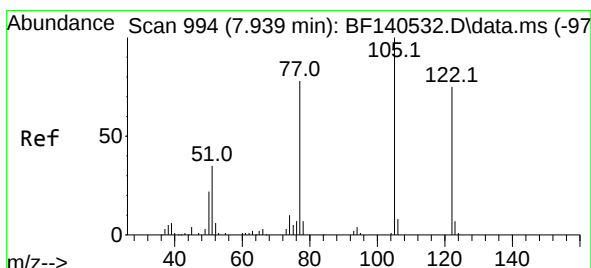
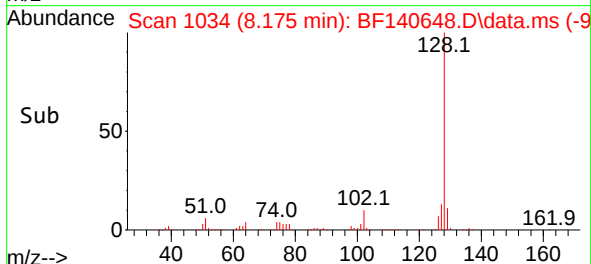
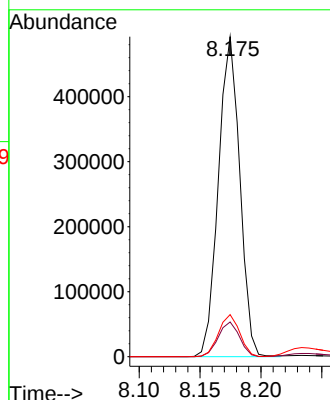
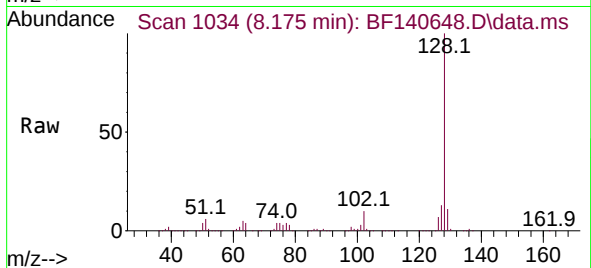
Tgt Ion:128 Resp: 602153

Ion Ratio Lower Upper

128 100

129 10.8 8.6 13.0

127 13.1 10.8 16.2



#32

Benzoic acid

Concen: 51.188 ng

RT: 7.933 min Scan# 993

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

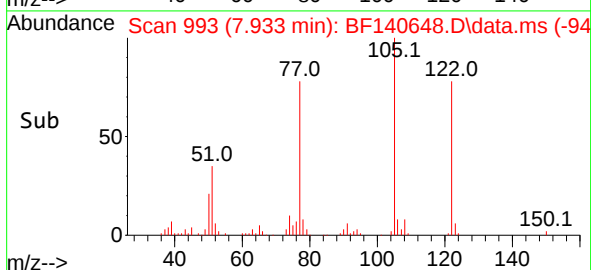
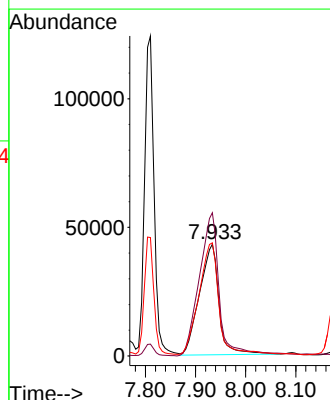
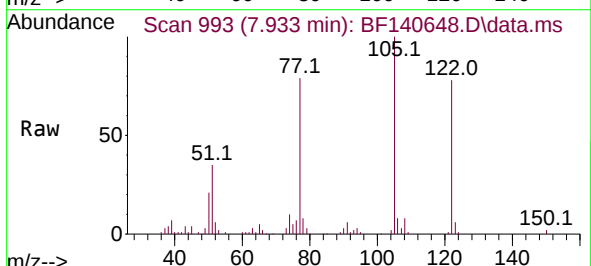
Tgt Ion:122 Resp: 116187

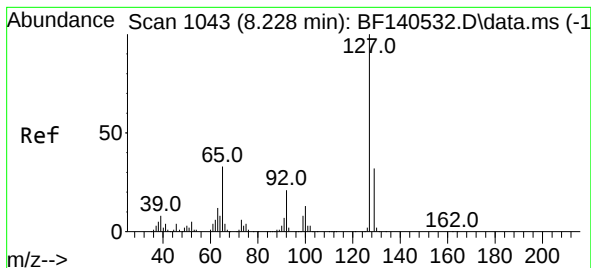
Ion Ratio Lower Upper

122 100

105 128.2 109.3 149.3

77 101.3 82.3 122.3





#33

4-Chloroaniline

Concen: 9.424 ng

RT: 8.233 min Scan# 1044

Delta R.T. 0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion:127 Resp: 34998

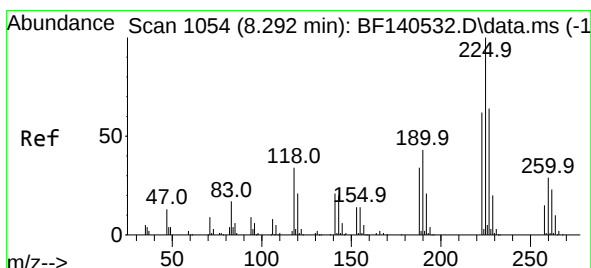
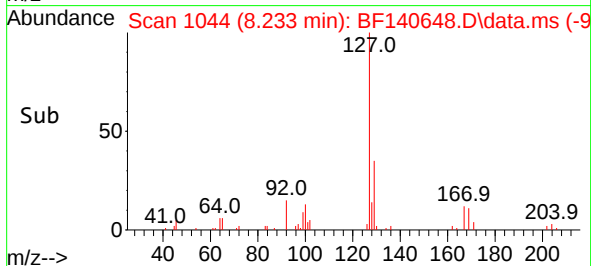
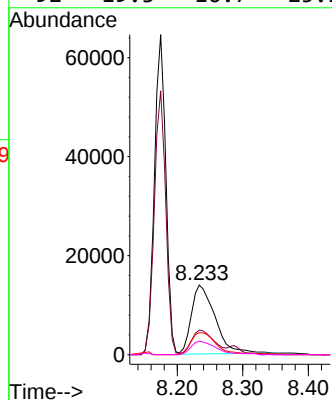
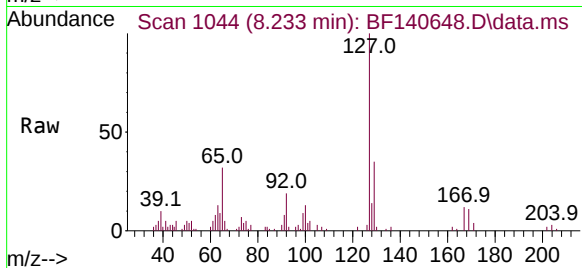
Ion Ratio Lower Upper

127 100

129 35.4 26.0 39.0

65 31.6 26.0 39.0

92 19.3 16.7 25.1



#34

Hexachlorobutadiene

Concen: 42.944 ng

RT: 8.286 min Scan# 1053

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

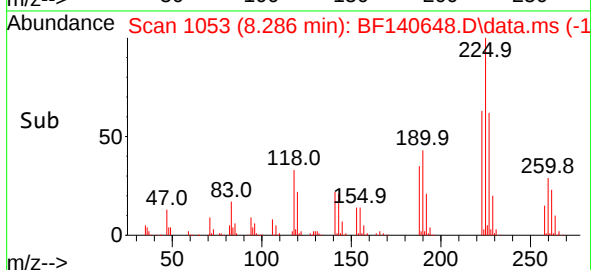
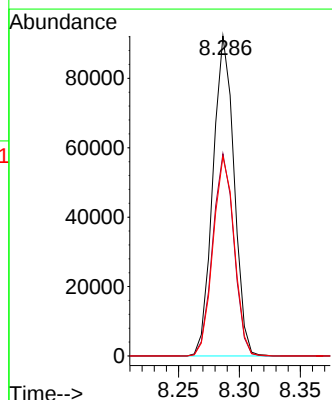
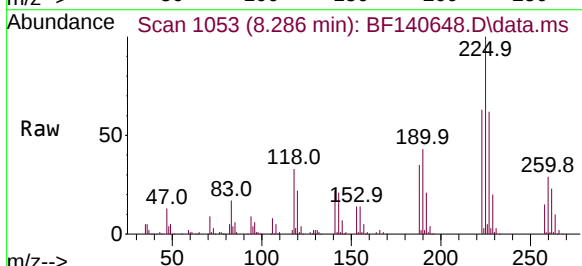
Tgt Ion:225 Resp: 111029

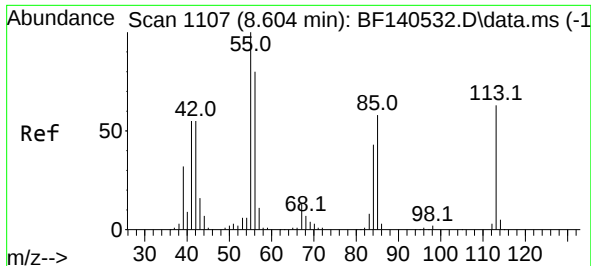
Ion Ratio Lower Upper

225 100

223 63.2 49.8 74.8

227 62.3 51.3 76.9

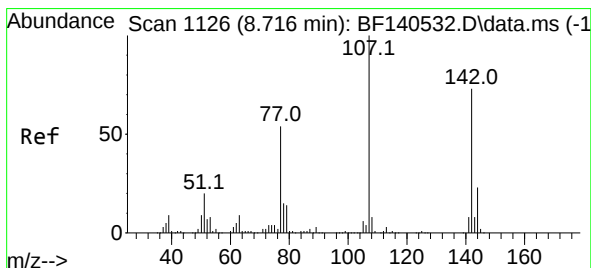
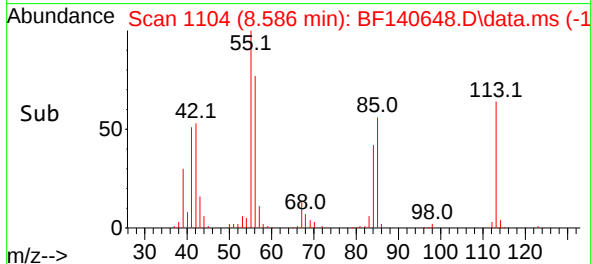
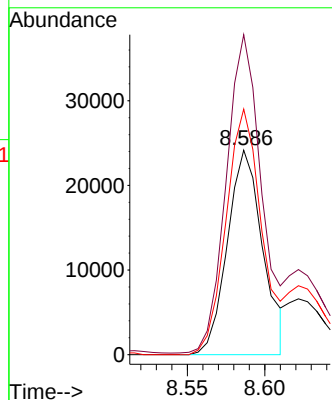
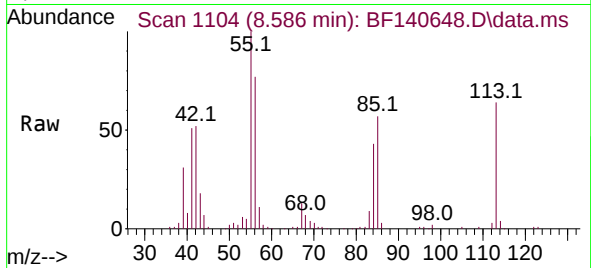




#35
 Caprolactam
 Concen: 36.171 ng
 RT: 8.586 min Scan# 1104
 Delta R.T. -0.018 min
 Lab File: BF140648.D
 Acq: 26 Nov 2024 18:00

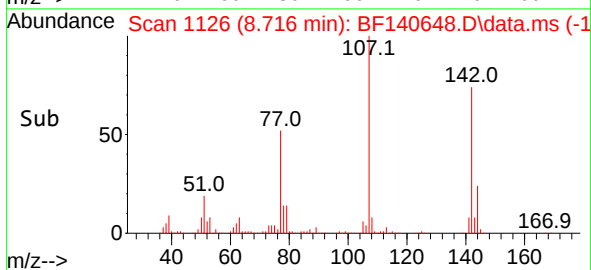
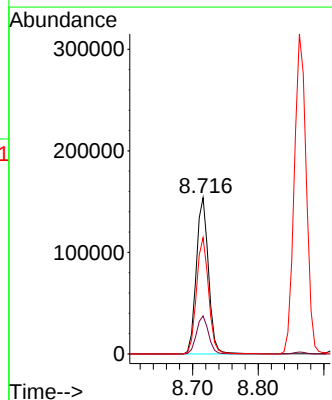
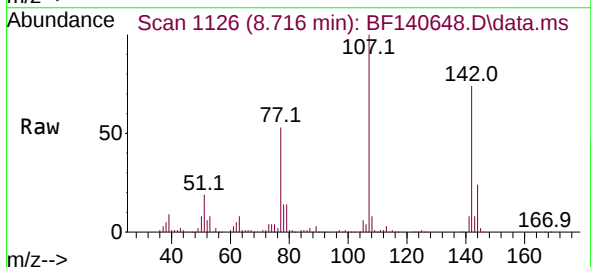
Instrument :
 BNA_F
 ClientSampleId :
 MH-732MSD

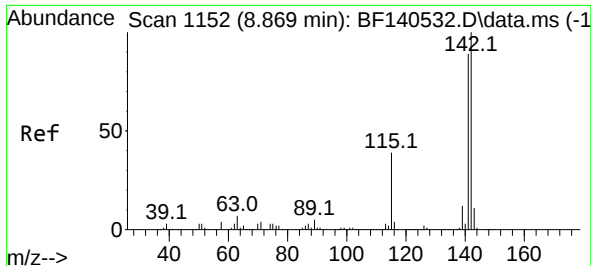
Tgt Ion:113 Resp: 38269
 Ion Ratio Lower Upper
 113 100
 55 156.5 137.7 177.7
 56 120.2 106.4 146.4



#36
 4-Chloro-3-methylphenol
 Concen: 52.067 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: BF140648.D
 Acq: 26 Nov 2024 18:00

Tgt Ion:107 Resp: 199297
 Ion Ratio Lower Upper
 107 100
 144 24.3 18.7 28.1
 142 74.4 58.3 87.5





#37

2-Methylnaphthalene

Concen: 50.507 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

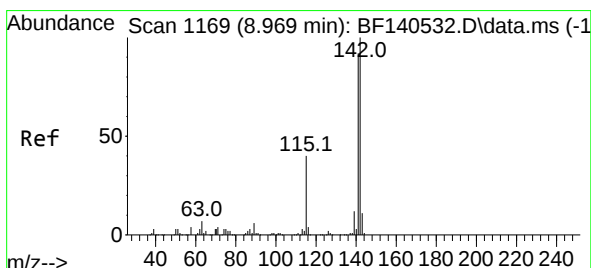
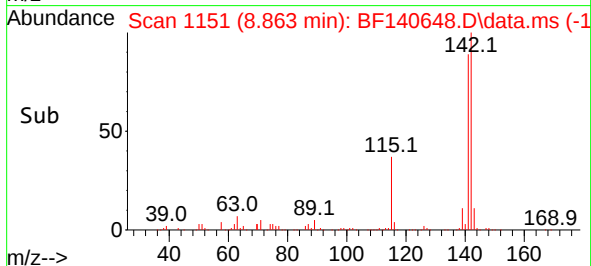
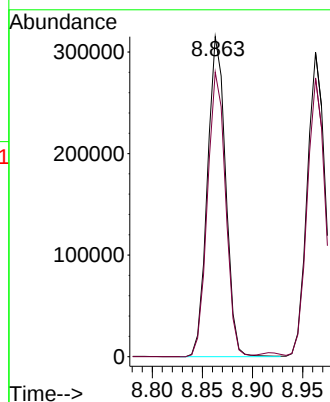
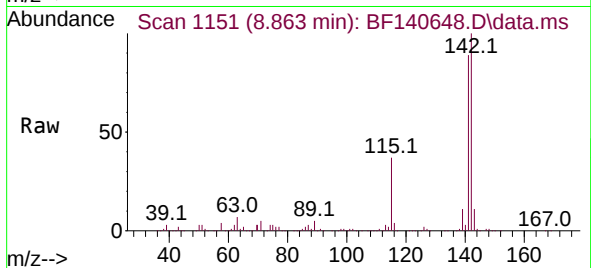
MH-732MSD

Tgt Ion:142 Resp: 397926

Ion Ratio Lower Upper

142 100

141 89.0 71.0 106.6



#38

1-Methylnaphthalene

Concen: 47.552 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140648.D

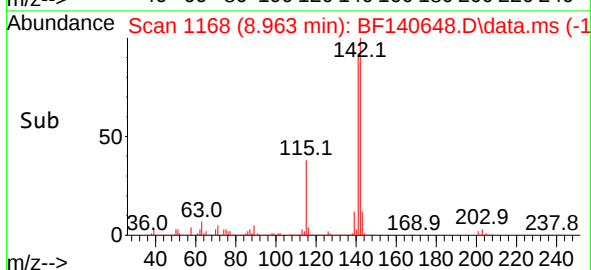
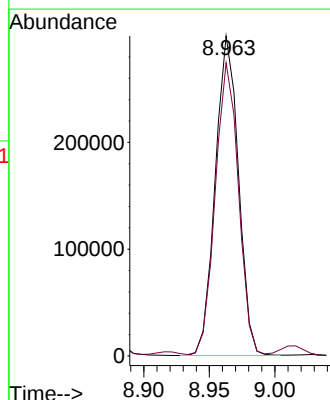
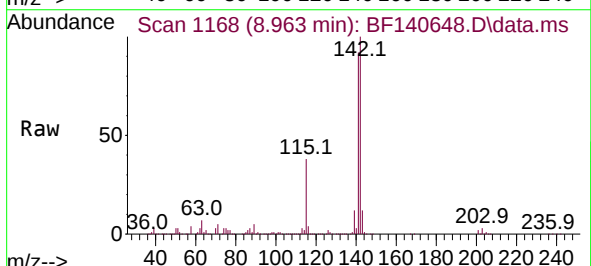
Acq: 26 Nov 2024 18:00

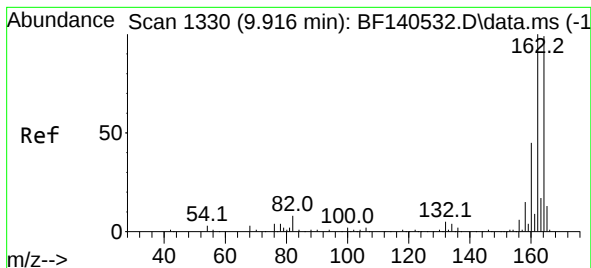
Tgt Ion:142 Resp: 367223

Ion Ratio Lower Upper

142 100

141 91.5 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

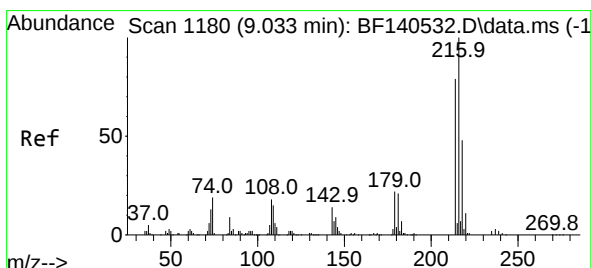
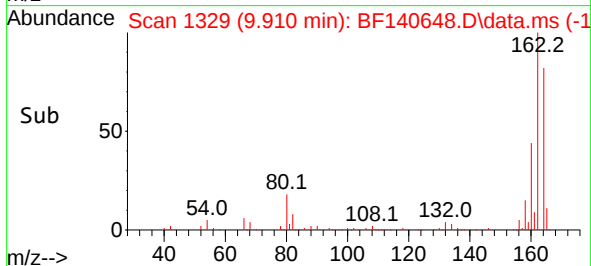
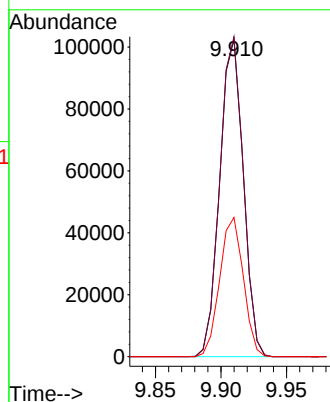
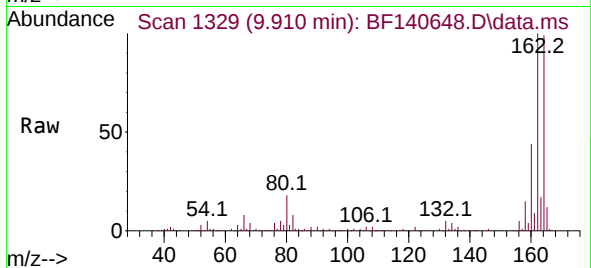
Tgt Ion:164 Resp: 128112

Ion Ratio Lower Upper

164 100

162 100.9 80.6 120.8

160 43.9 36.2 54.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.405 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Tgt Ion:216 Resp: 192792

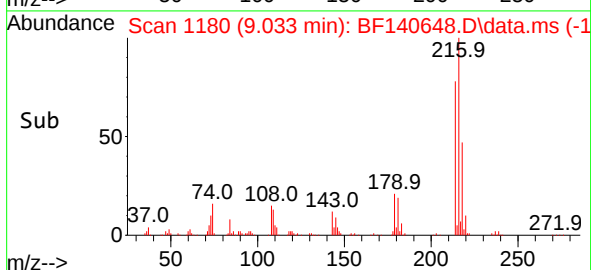
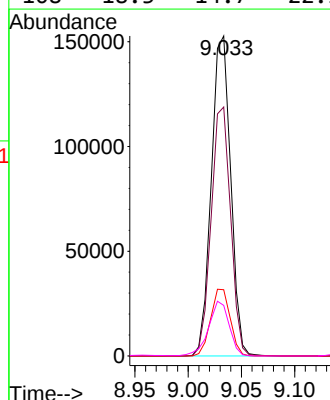
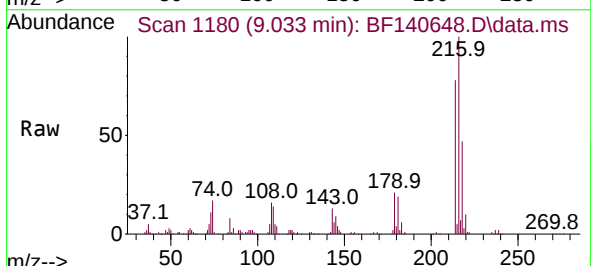
Ion Ratio Lower Upper

216 100

214 78.3 63.0 94.4

179 21.1 17.5 26.3

108 18.3 14.7 22.1

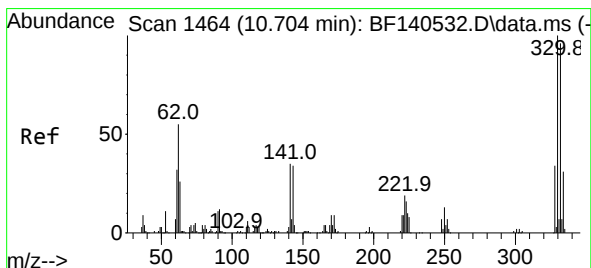
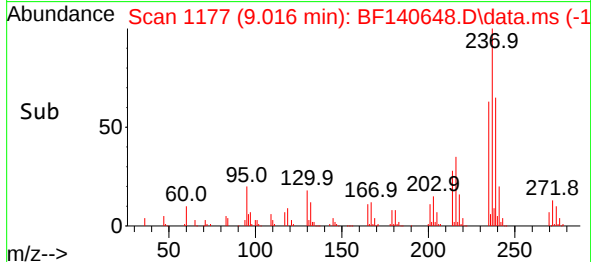
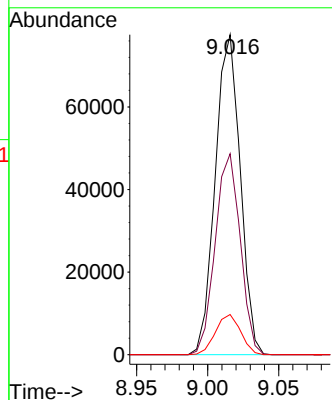
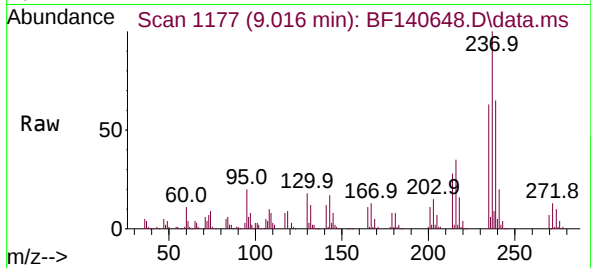




#41
Hexachlorocyclopentadiene
Concen: 109.480 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

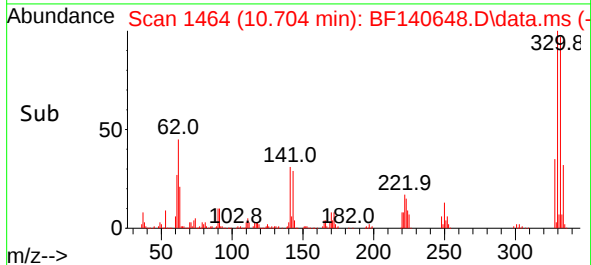
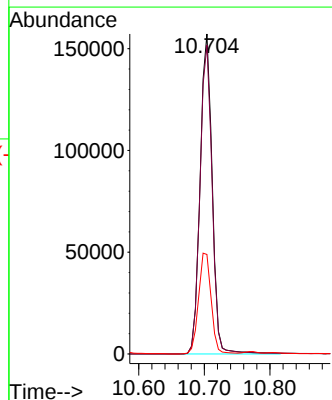
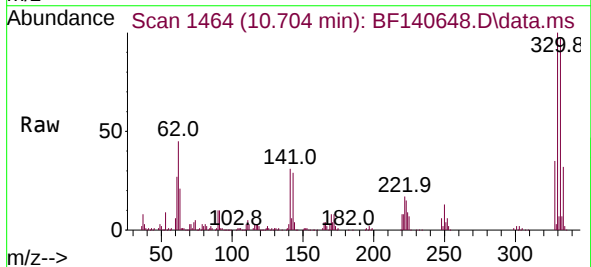
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:237 Resp: 94787
Ion Ratio Lower Upper
237 100
235 62.8 41.1 81.1
272 12.6 0.0 32.6



#42
2,4,6-Tribromophenol
Concen: 147.516 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:330 Resp: 202121
Ion Ratio Lower Upper
330 100
332 97.5 76.9 115.3
141 32.9 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 54.754 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

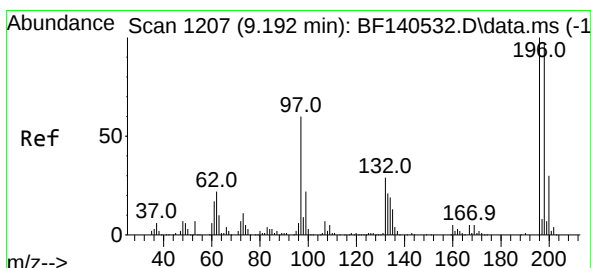
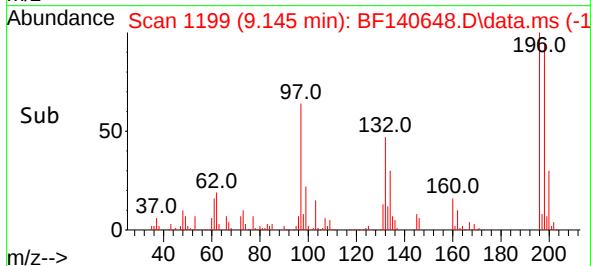
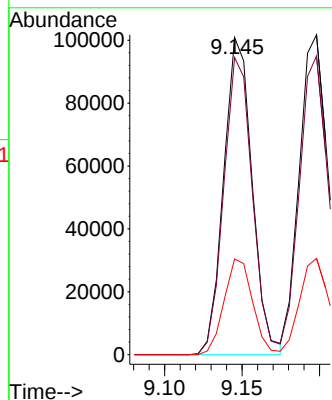
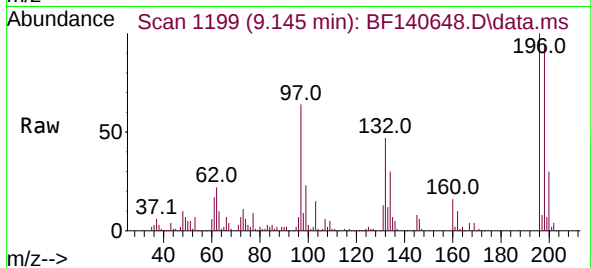
Tgt Ion:196 Resp: 128858

Ion Ratio Lower Upper

196 100

198 93.7 76.8 115.2

200 30.2 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 54.074 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Tgt Ion:196 Resp: 138110

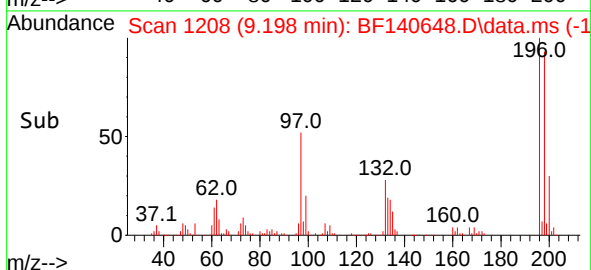
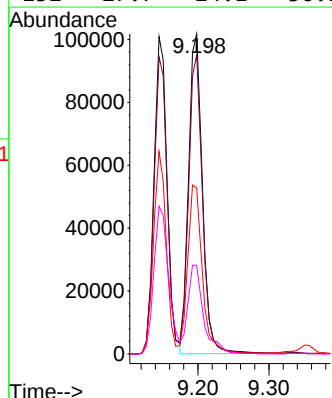
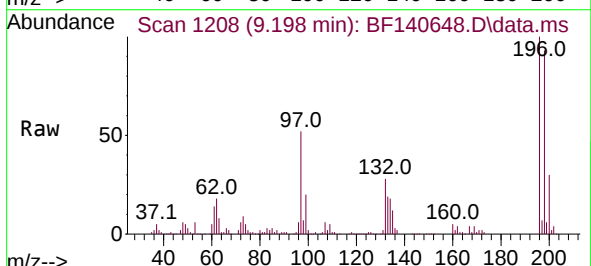
Ion Ratio Lower Upper

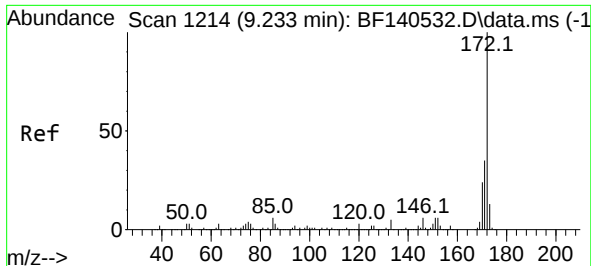
196 100

198 93.3 77.2 115.8

97 51.9 47.1 70.7

132 27.7 24.1 36.1

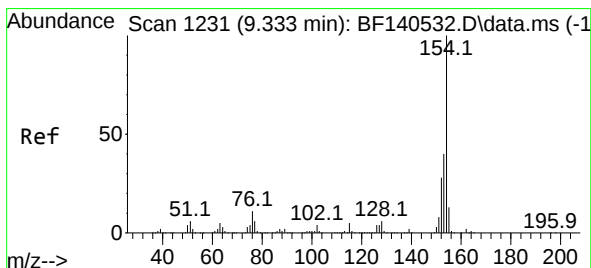
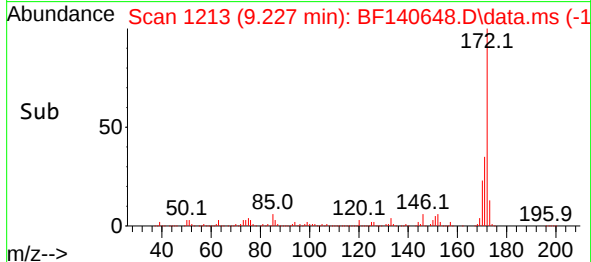
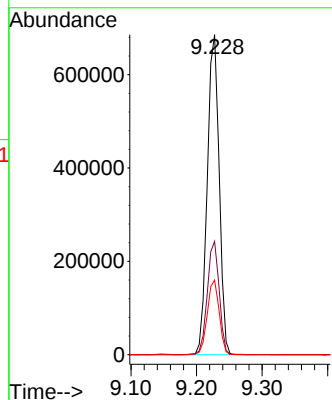
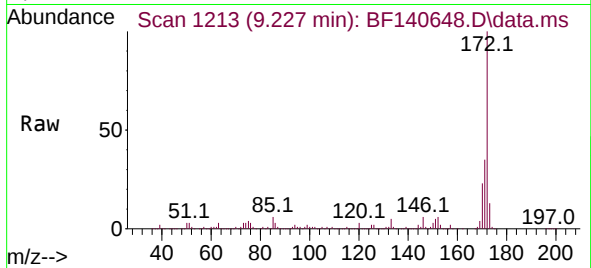




#45
2-Fluorobiphenyl
Concen: 100.455 ng
RT: 9.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

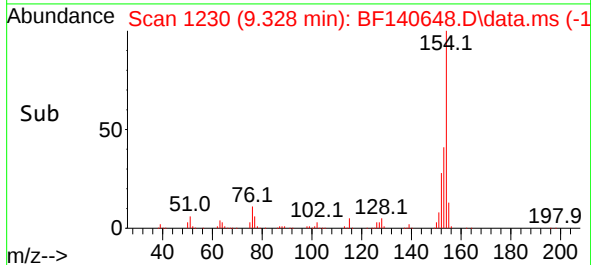
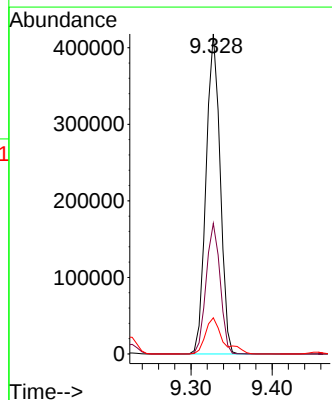
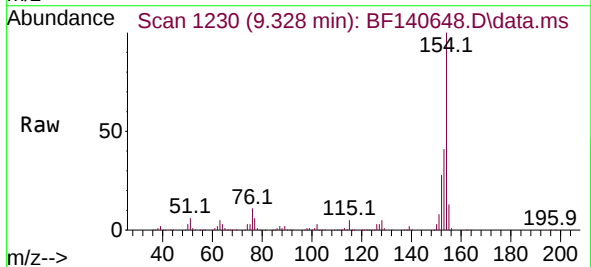
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

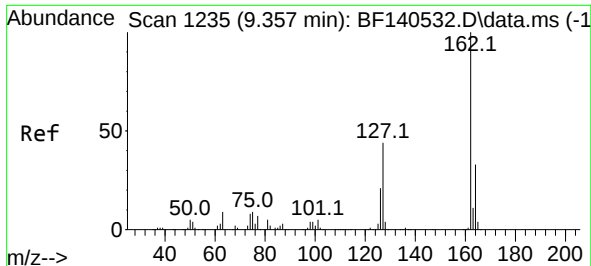
Tgt Ion:172 Resp: 863754
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 19.0 28.6



#46
1,1'-Biphenyl
Concen: 52.522 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:154 Resp: 502372
Ion Ratio Lower Upper
154 100
153 40.8 20.4 60.4
76 11.3 0.0 31.2





#47

2-Chloronaphthalene

Concen: 51.435 ng

RT: 9.357 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

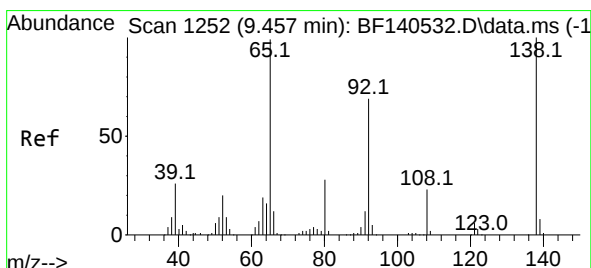
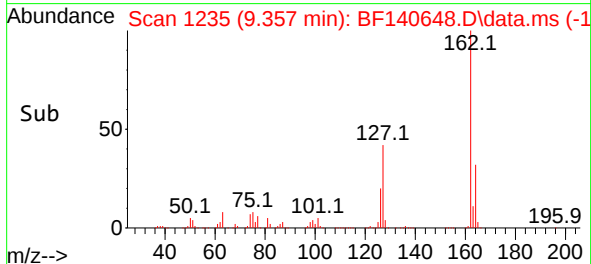
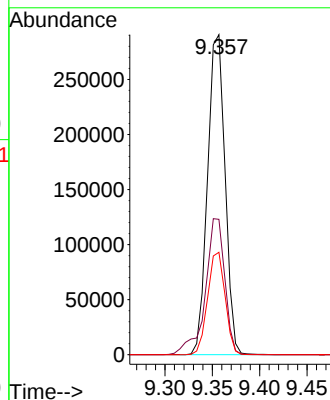
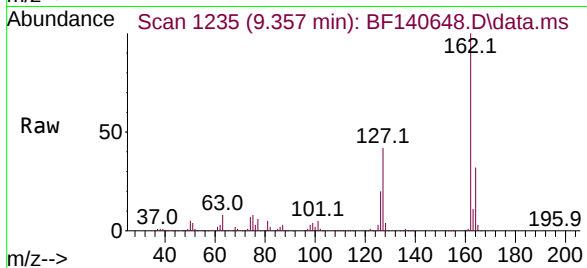
Tgt Ion:162 Resp: 372782

Ion Ratio Lower Upper

162 100

127 42.3 35.7 53.5

164 32.0 26.1 39.1



#48

2-Nitroaniline

Concen: 52.591 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

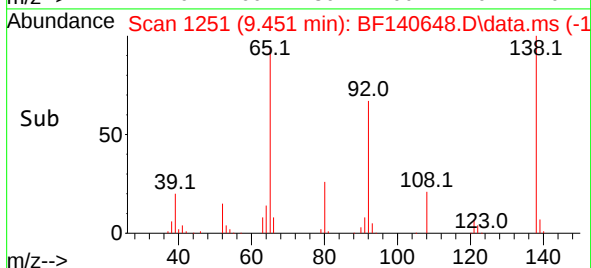
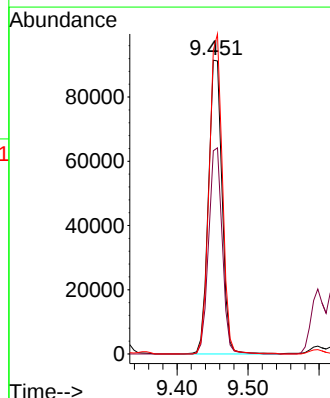
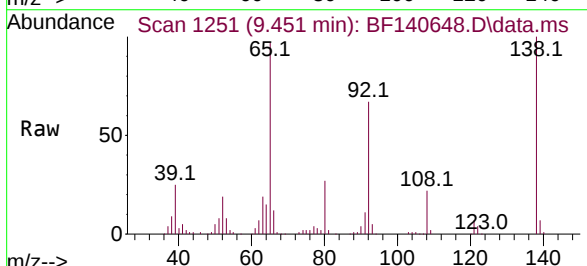
Tgt Ion: 65 Resp: 122343

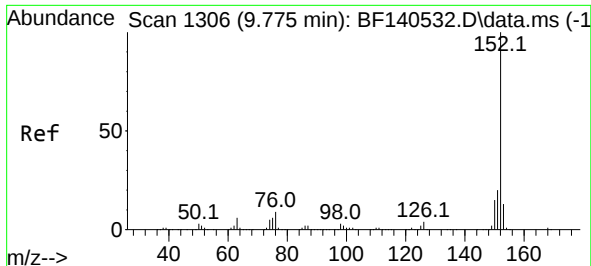
Ion Ratio Lower Upper

65 100

92 69.2 56.1 84.1

138 103.3 81.0 121.6

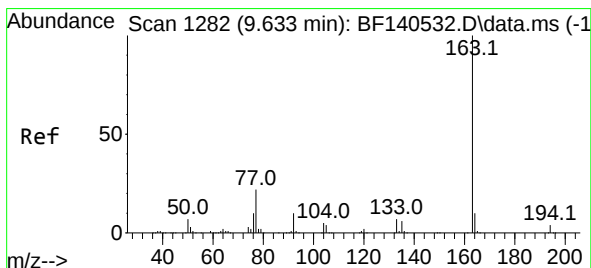
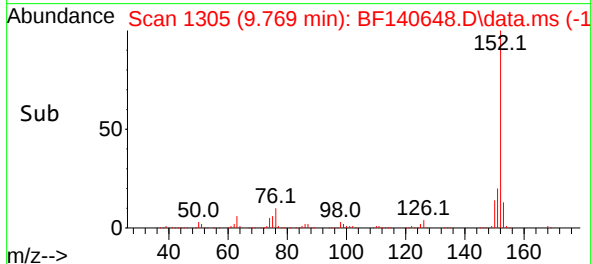
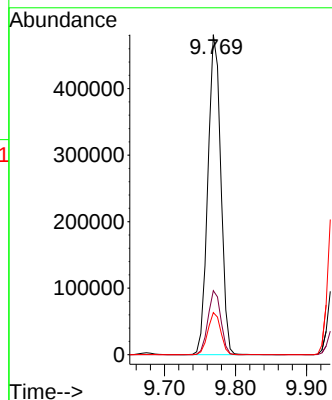
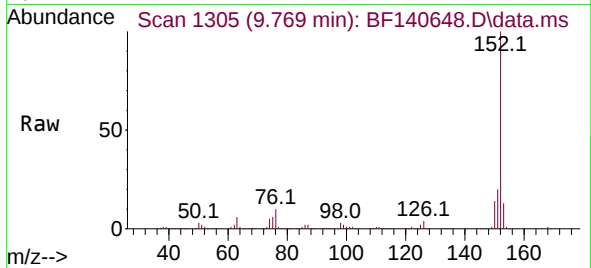




#49
Acenaphthylene
Concen: 55.637 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

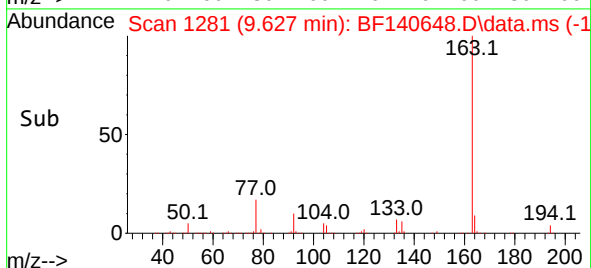
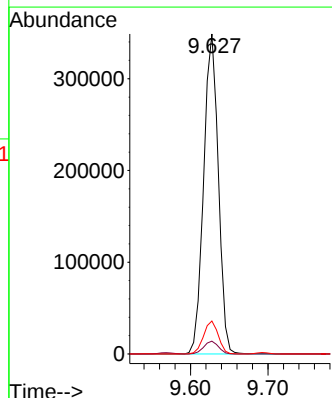
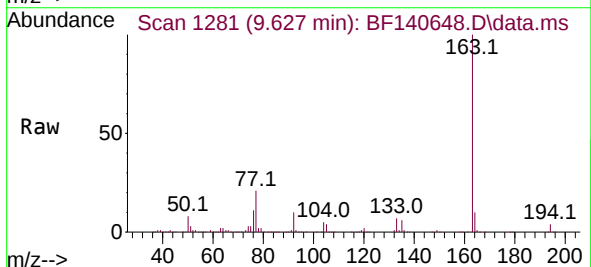
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

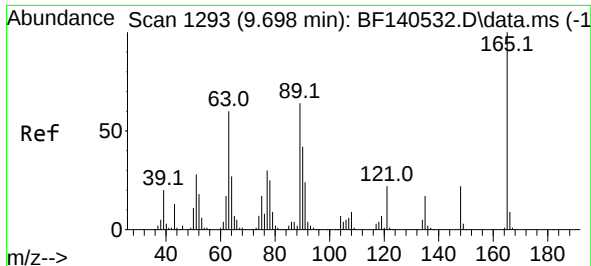
Tgt Ion:152 Resp: 609254
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.2 10.6 16.0



#50
Dimethylphthalate
Concen: 54.368 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:163 Resp: 458727
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.3 8.2 12.2

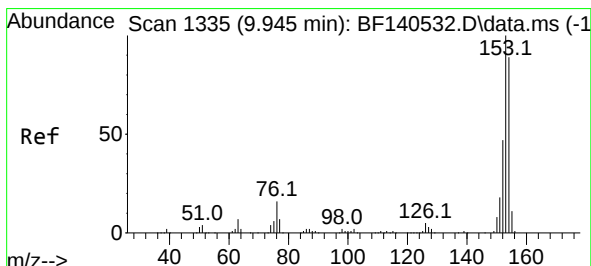
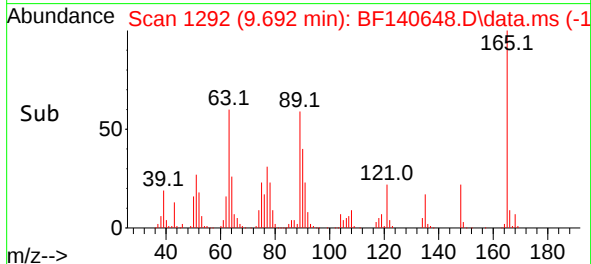
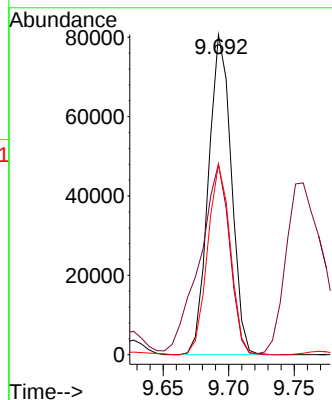
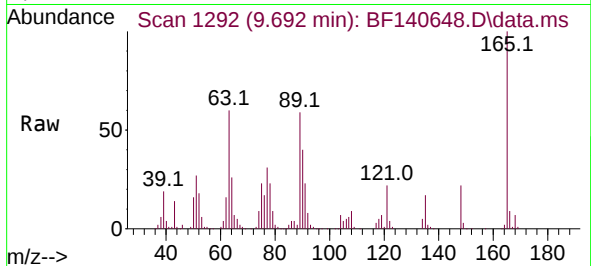




#51
2,6-Dinitrotoluene
Concen: 51.077 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

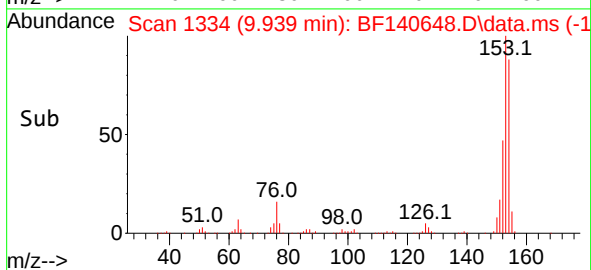
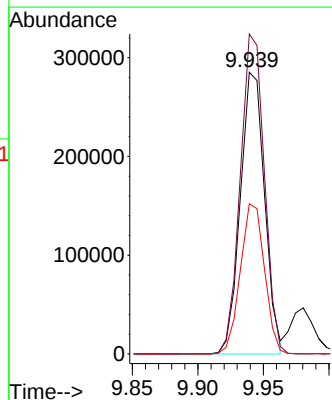
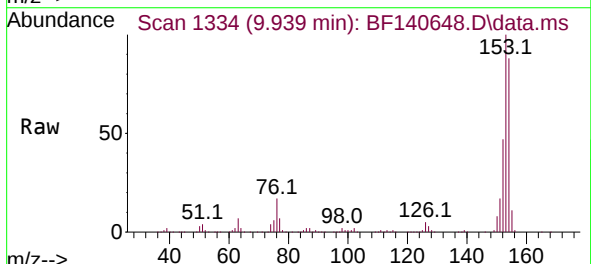
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

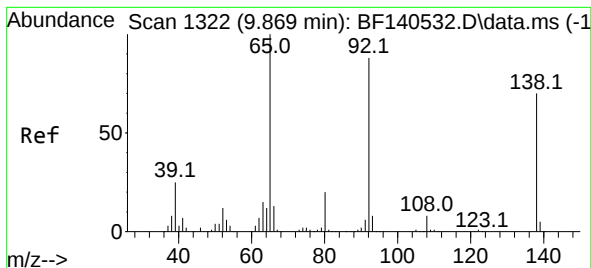
Tgt Ion:165 Resp: 97739
Ion Ratio Lower Upper
165 100
63 59.6 49.9 74.9
89 59.4 50.9 76.3



#52
Acenaphthene
Concen: 52.927 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:154 Resp: 368259
Ion Ratio Lower Upper
154 100
153 113.6 89.7 134.5
152 53.3 42.5 63.7





#53

3-Nitroaniline

Concen: 11.058 ng

RT: 9.869 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

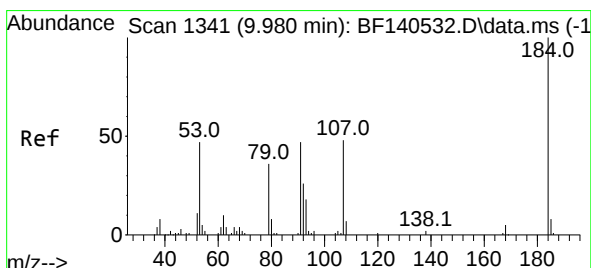
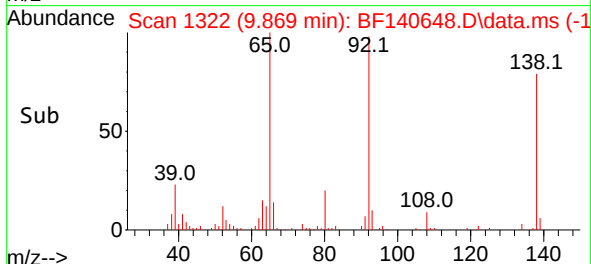
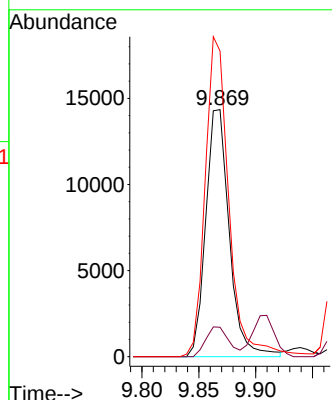
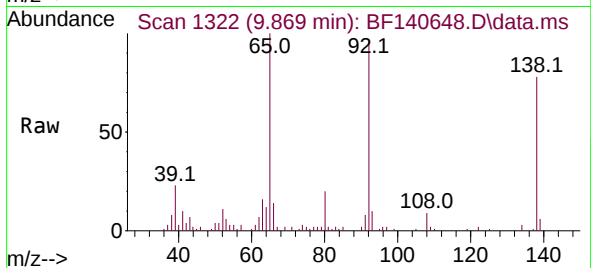
Tgt Ion:138 Resp: 20696

Ion Ratio Lower Upper

138 100

108 11.9 9.2 13.8

92 123.8 100.6 150.8



#54

2,4-Dinitrophenol

Concen: 93.545 ng

RT: 9.980 min Scan# 1341

Delta R.T. 0.000 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

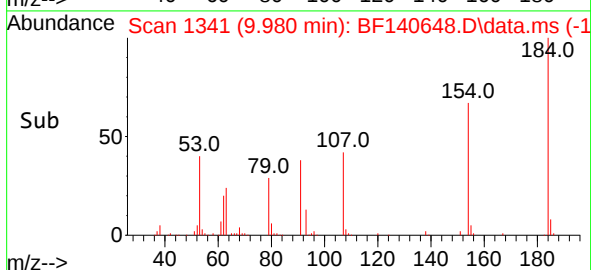
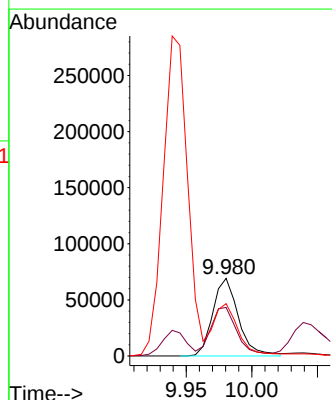
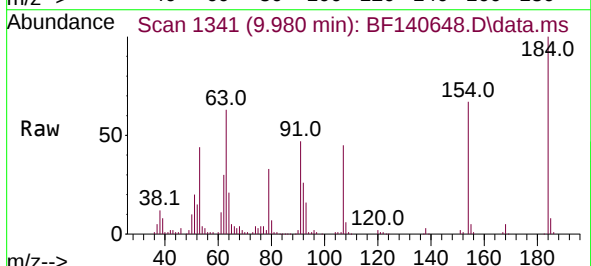
Tgt Ion:184 Resp: 94162

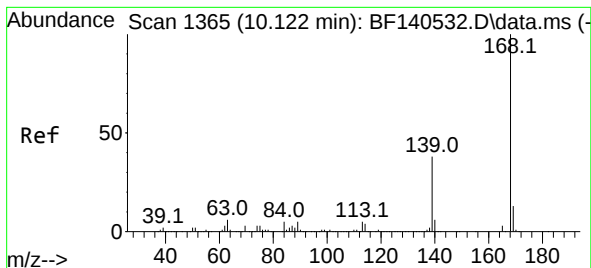
Ion Ratio Lower Upper

184 100

63 62.6 54.1 81.1

154 67.4 57.4 86.0

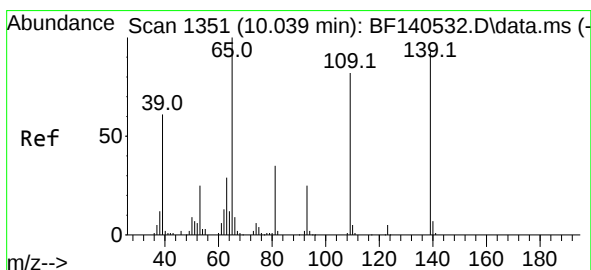
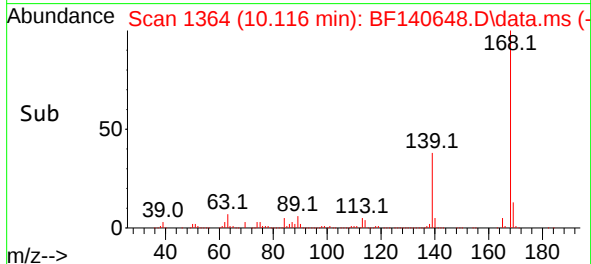
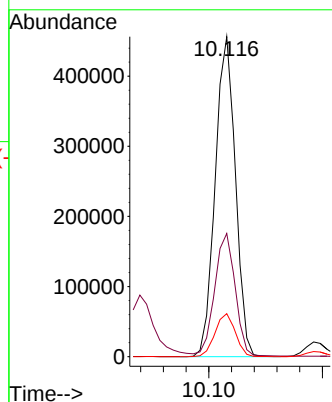
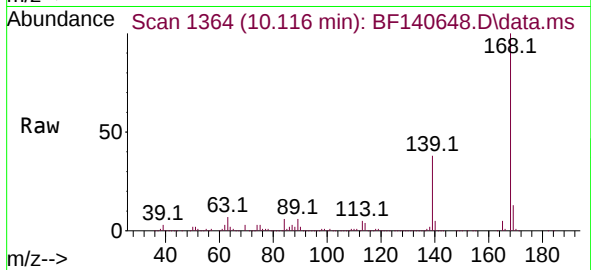




#55
Dibenzenofuran
Concen: 53.124 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

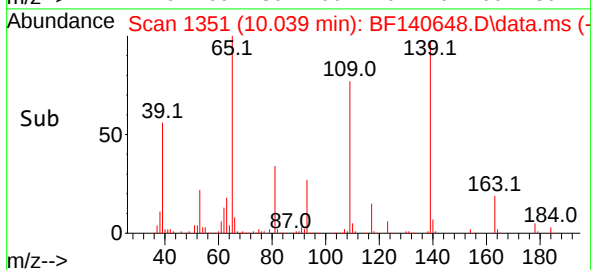
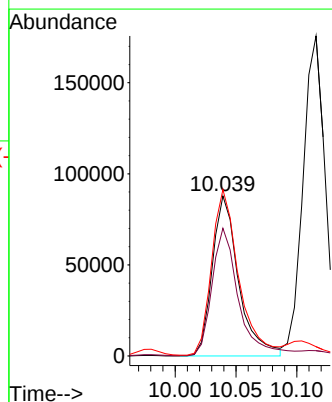
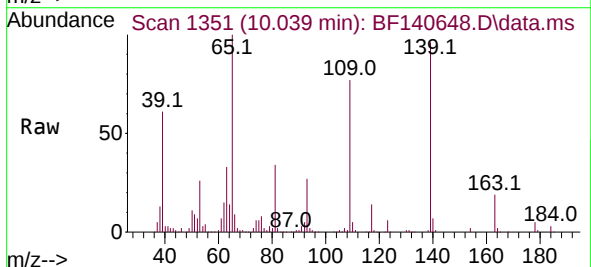
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

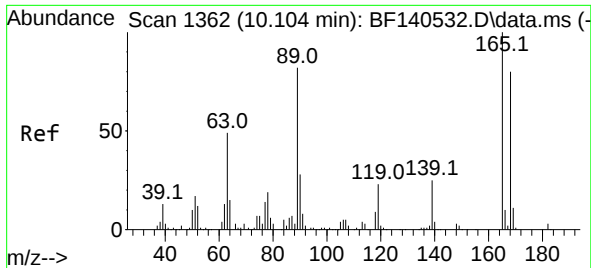
Tgt Ion:168 Resp: 563810
Ion Ratio Lower Upper
168 100
139 38.5 31.3 46.9
169 13.5 10.5 15.7



#56
4-Nitrophenol
Concen: 103.646 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:139 Resp: 132292
Ion Ratio Lower Upper
139 100
109 79.7 68.4 108.4
65 103.9 88.6 128.6

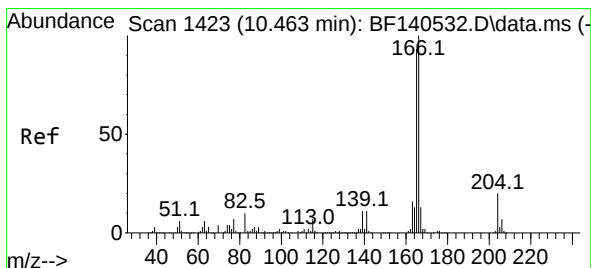
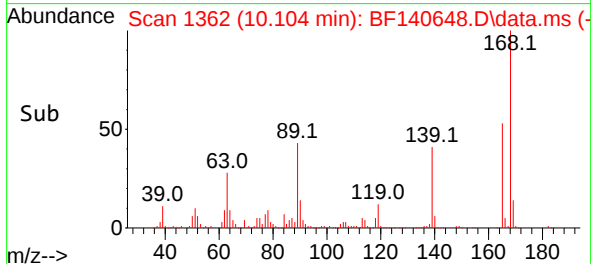
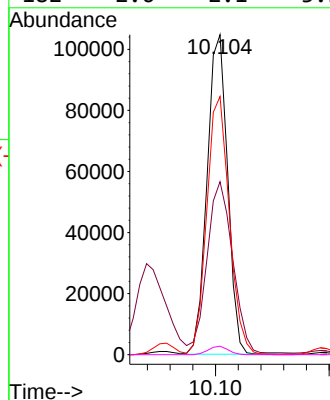
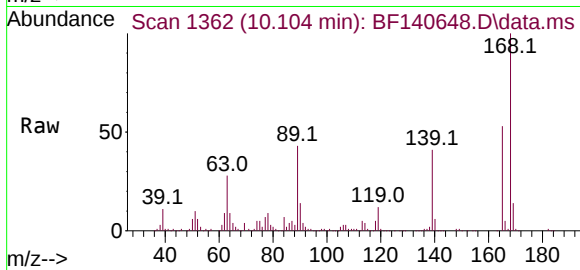




#57
2,4-Dinitrotoluene
Concen: 51.437 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

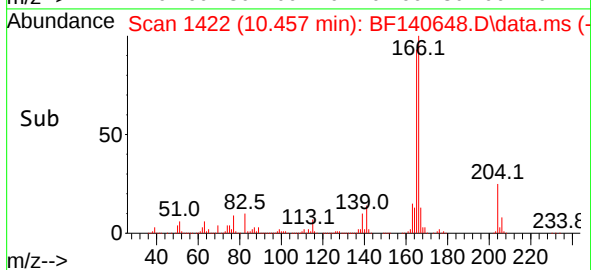
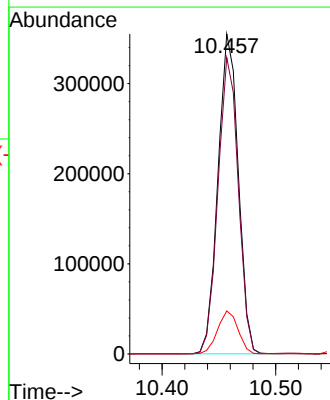
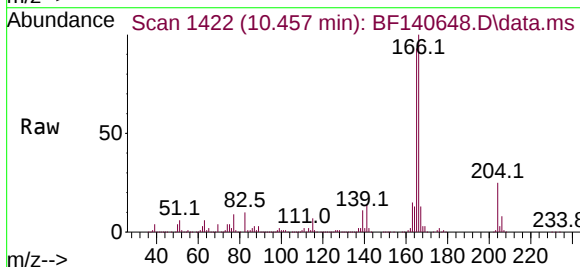
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:165 Resp: 130813
Ion Ratio Lower Upper
165 100
63 54.0 41.7 62.5
89 80.7 65.8 98.8
182 2.6 2.1 3.1



#58
Fluorene
Concen: 51.782 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:166 Resp: 441119
Ion Ratio Lower Upper
166 100
165 92.6 74.6 111.8
167 13.5 10.6 16.0

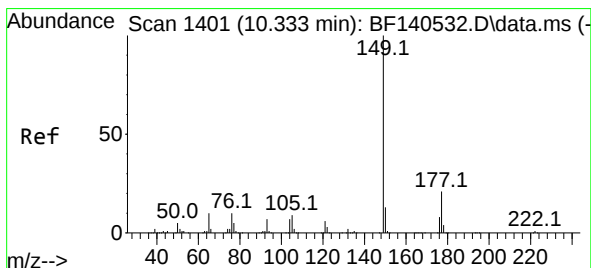
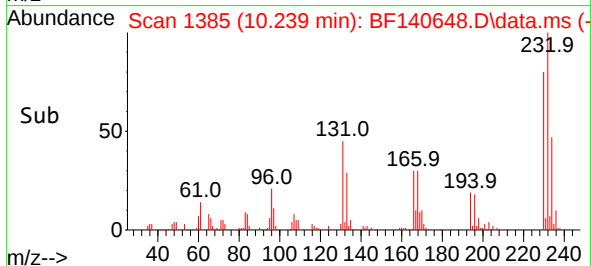
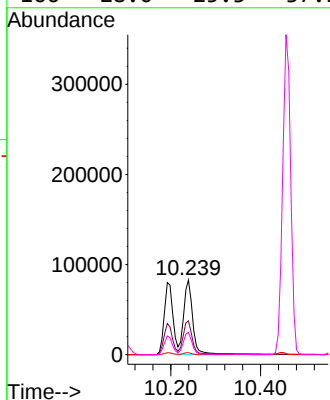
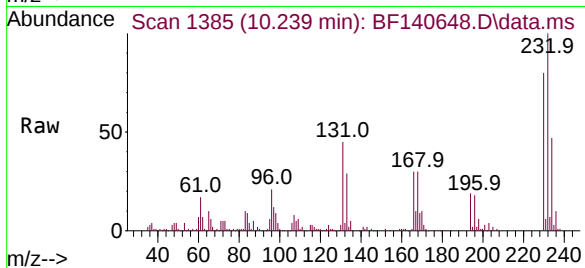




#59
2,3,4,6-Tetrachlorophenol
Concen: 59.525 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

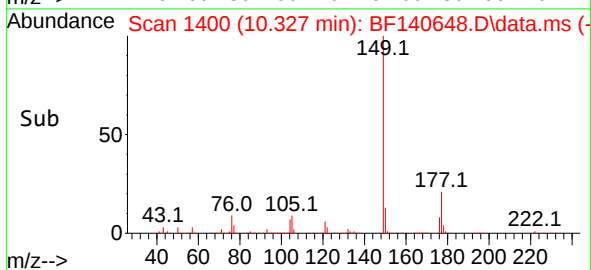
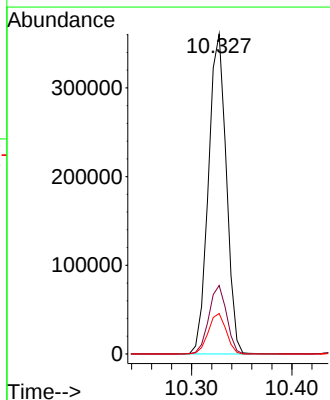
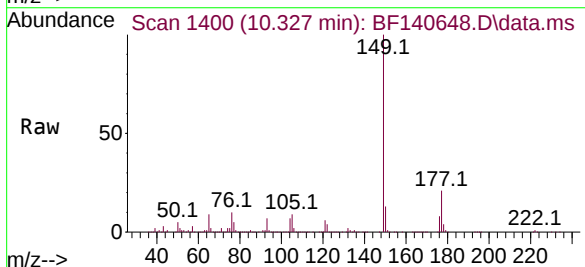
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

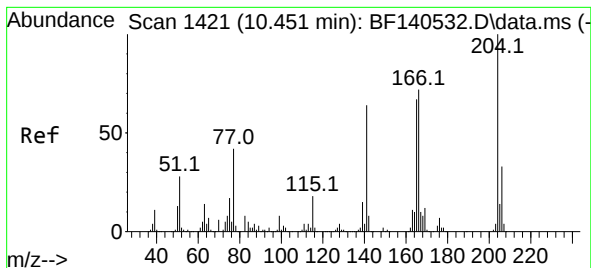
Tgt Ion:232 Resp: 116842
Ion Ratio Lower Upper
232 100
131 44.6 39.6 59.4
130 2.5 1.9 2.9
166 28.0 25.3 37.9



#60
Diethylphthalate
Concen: 52.139 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:149 Resp: 446963
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.7 10.1 15.1

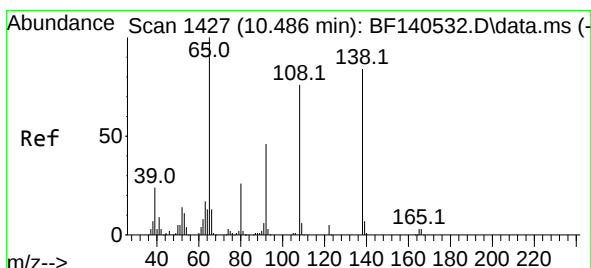
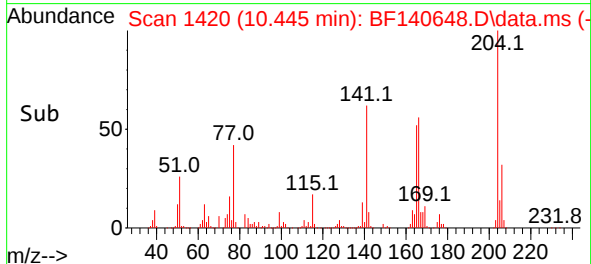
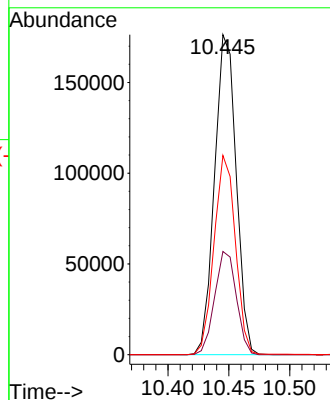
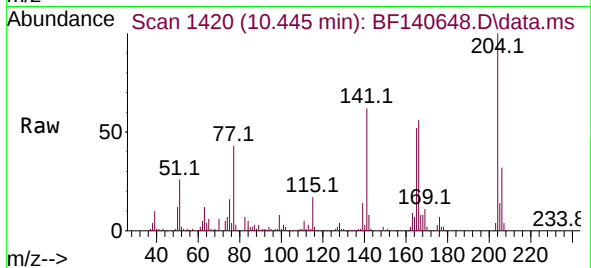




#61
4-Chlorophenyl-phenylether
Concen: 52.093 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

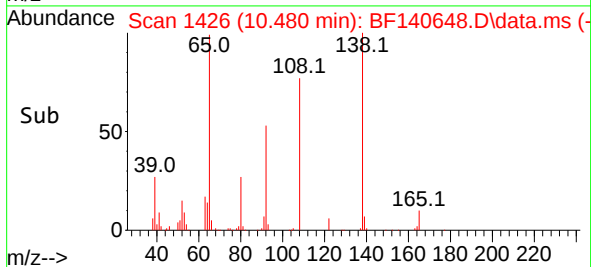
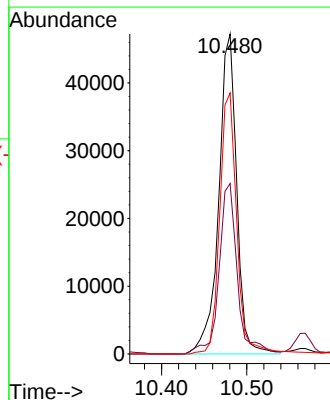
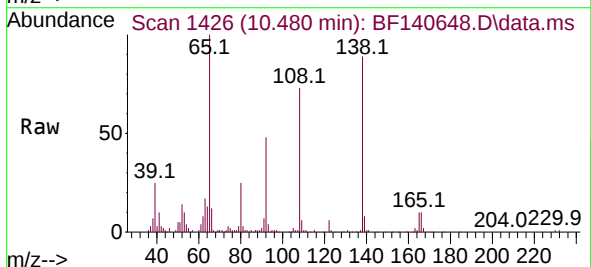
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

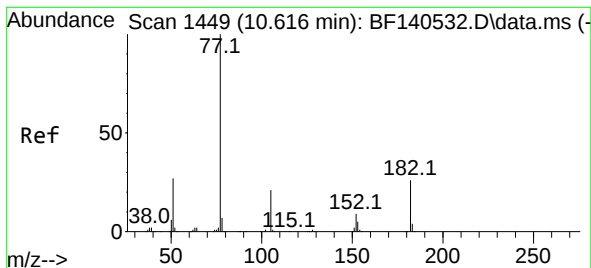
Tgt Ion:204 Resp: 217783
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 62.3 51.1 76.7



#62
4-Nitroaniline
Concen: 35.336 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:138 Resp: 69362
Ion Ratio Lower Upper
138 100
92 53.2 34.5 74.5
108 81.6 70.6 110.6





#63

Azobenzene

Concen: 49.320 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

Tgt Ion: 77 Resp: 400385

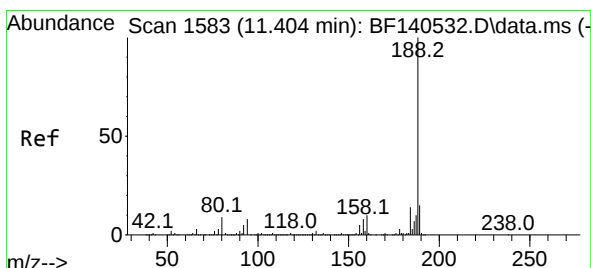
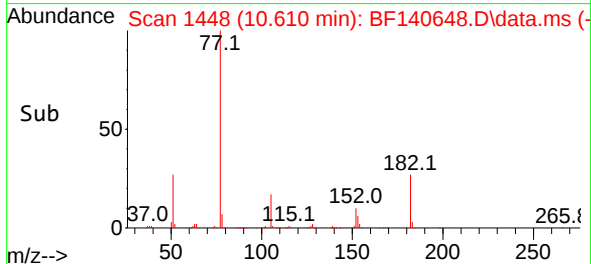
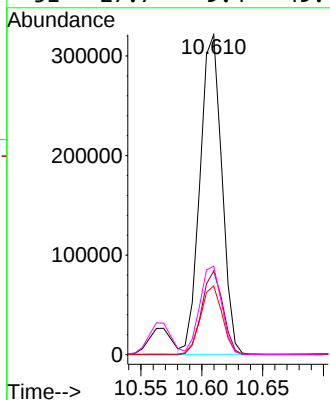
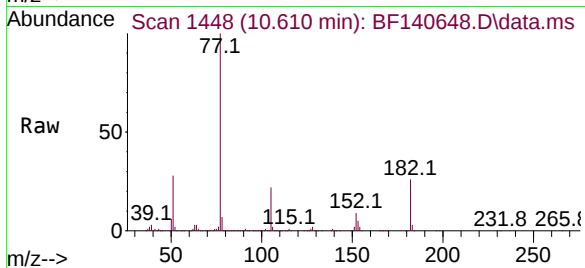
Ion Ratio Lower Upper

77 100

182 26.1 5.3 45.3

105 21.5 0.3 40.3

51 27.7 9.4 49.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

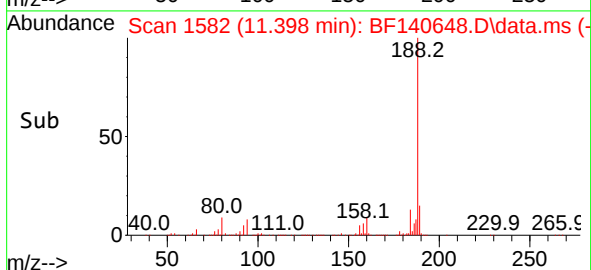
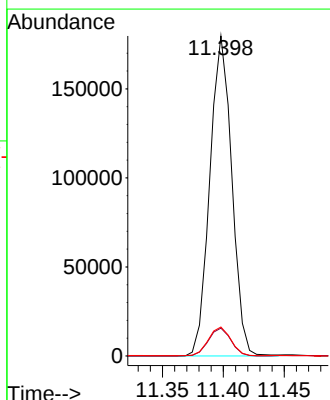
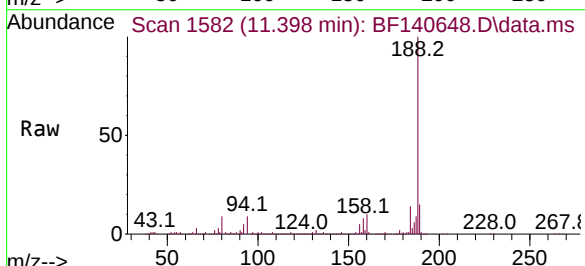
Tgt Ion: 188 Resp: 225568

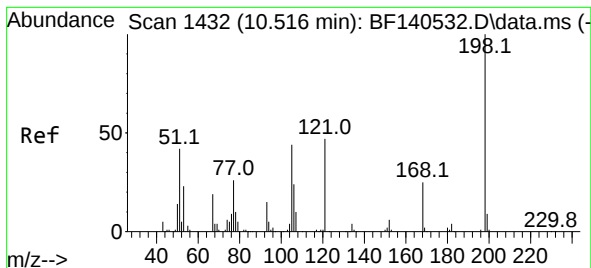
Ion Ratio Lower Upper

188 100

94 8.7 6.4 9.6

80 9.0 6.9 10.3

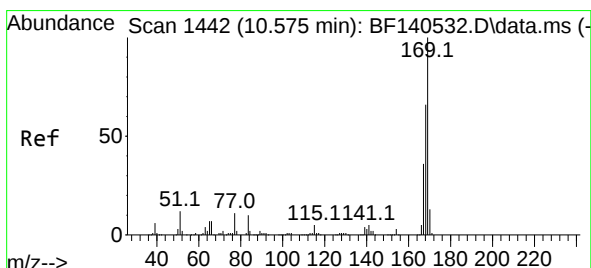
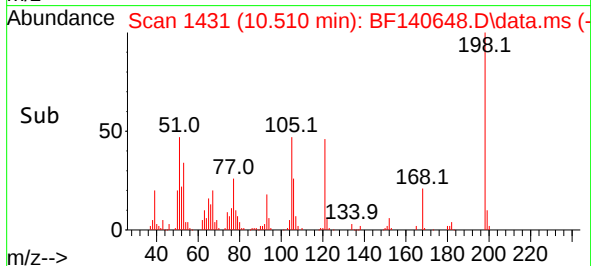
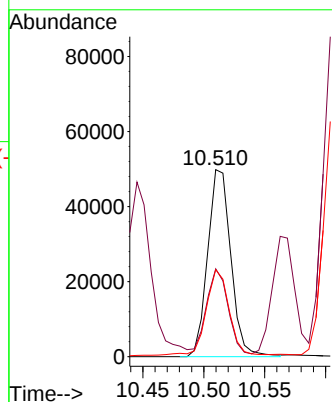
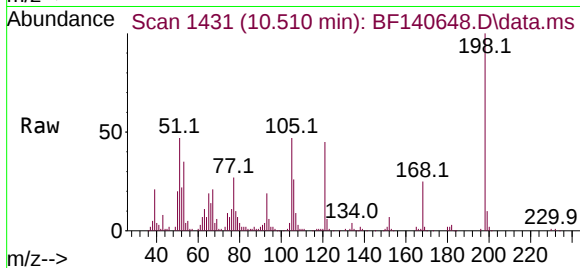




#65
4,6-Dinitro-2-methylphenol
Concen: 57.237 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

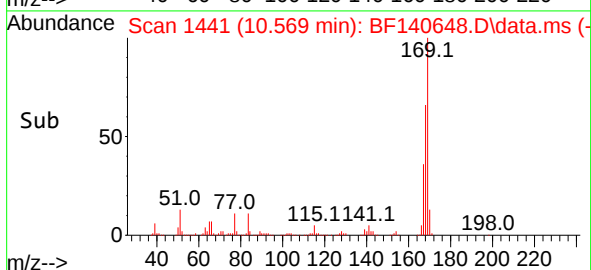
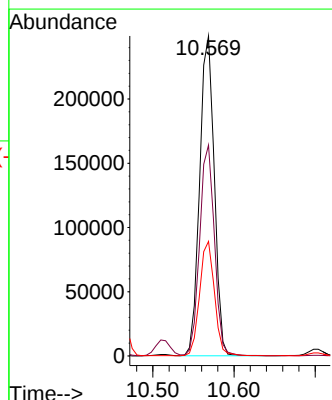
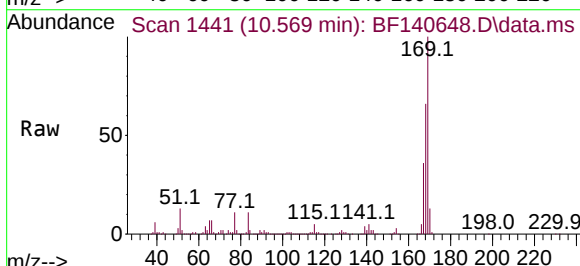
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

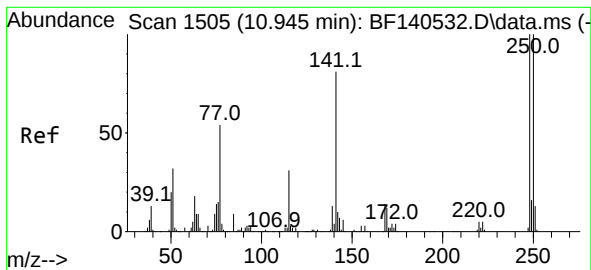
Tgt Ion:198 Resp: 65975
Ion Ratio Lower Upper
198 100
51 47.0 29.4 69.4
105 46.6 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 46.737 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:169 Resp: 311765
Ion Ratio Lower Upper
169 100
168 65.9 53.2 79.8
167 35.8 29.0 43.6

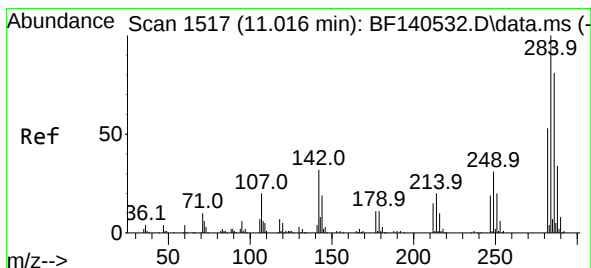
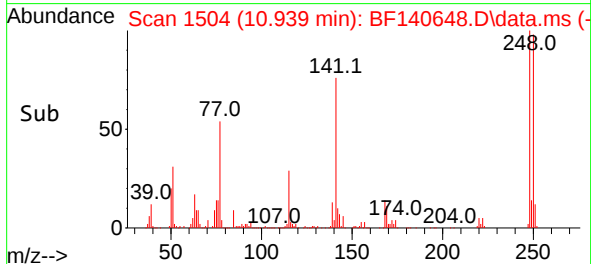
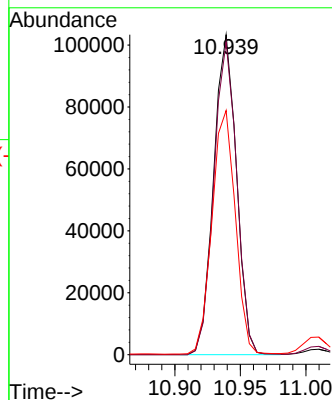
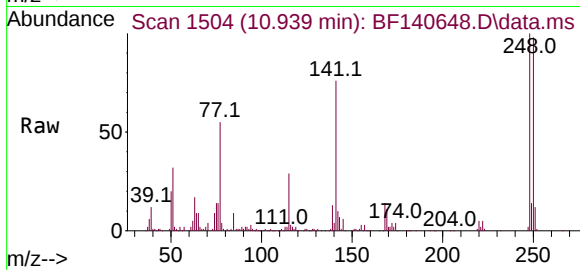




#67
4-Bromophenyl-phenylether
Concen: 53.853 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

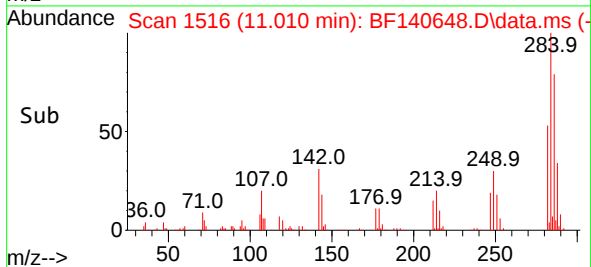
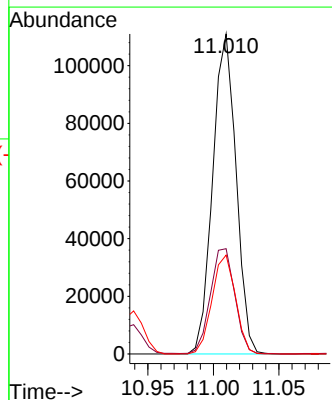
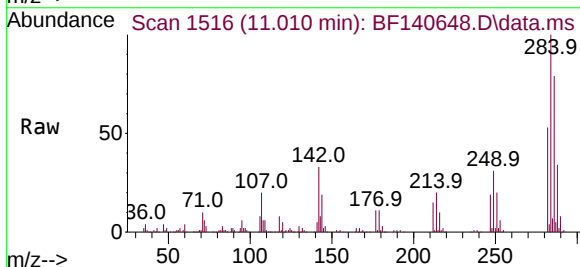
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:248 Resp: 125100
Ion Ratio Lower Upper
248 100
250 97.7 79.8 119.8
141 76.3 64.7 97.1



#68
Hexachlorobenzene
Concen: 51.085 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:284 Resp: 137408
Ion Ratio Lower Upper
284 100
142 32.9 25.3 37.9
249 30.9 24.8 37.2





#69

Atrazine

Concen: 38.975 ng

RT: 11.092 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

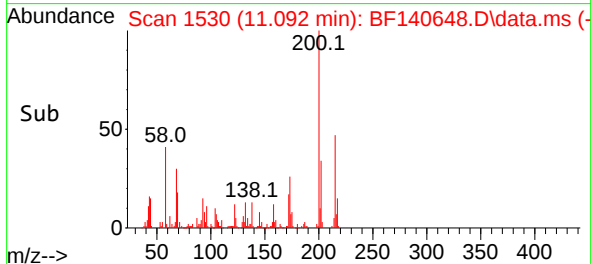
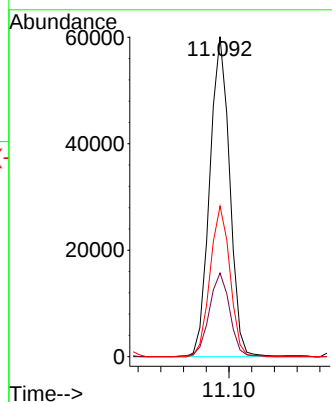
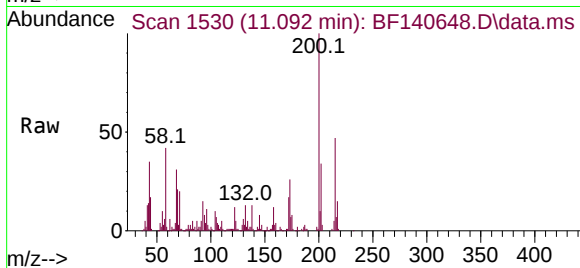
Tgt Ion:200 Resp: 73140

Ion Ratio Lower Upper

200 100

173 26.2 7.0 47.0

215 47.1 26.7 66.7



#70

Pentachlorophenol

Concen: 117.310 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

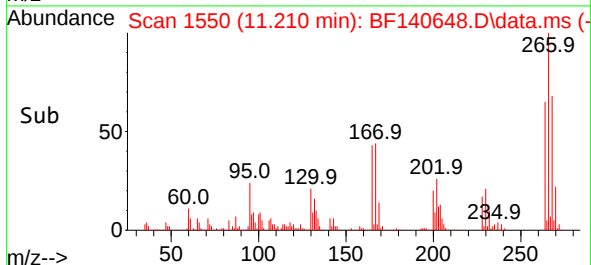
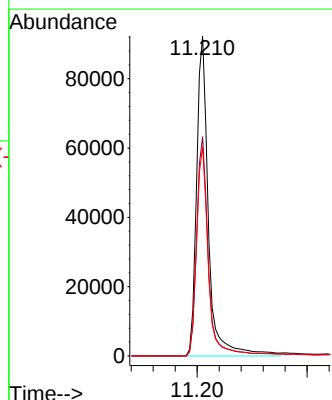
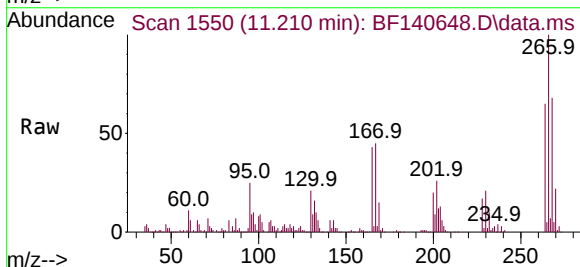
Tgt Ion:266 Resp: 138877

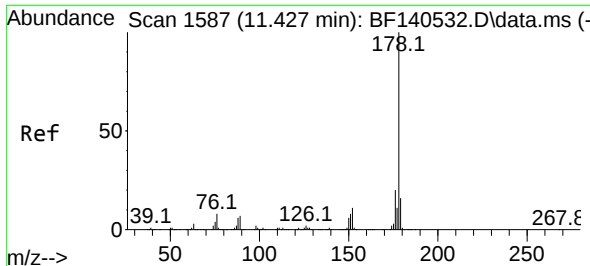
Ion Ratio Lower Upper

266 100

268 68.5 53.7 80.5

264 65.4 49.8 74.8

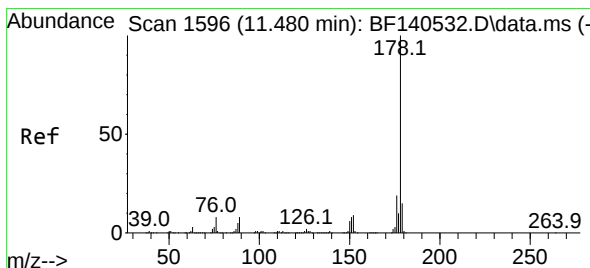
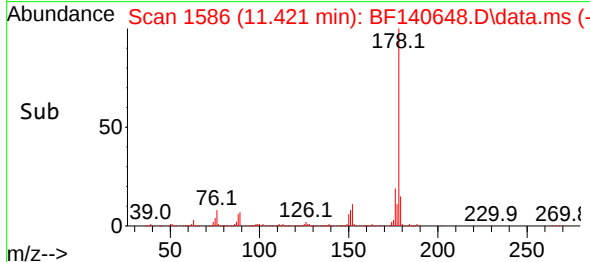
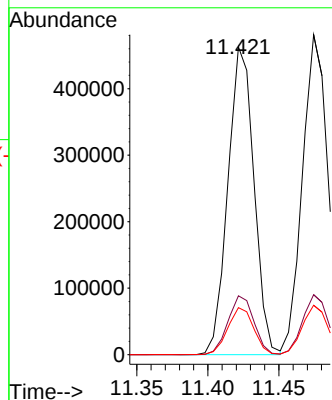
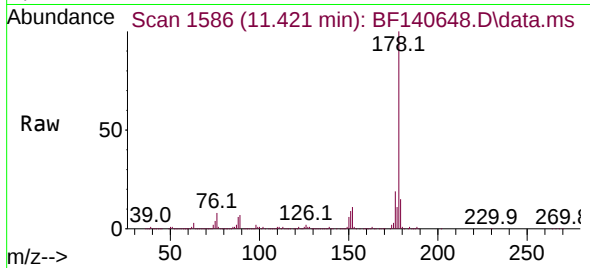




#71
Phenanthrene
Concen: 54.601 ng
RT: 11.421 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

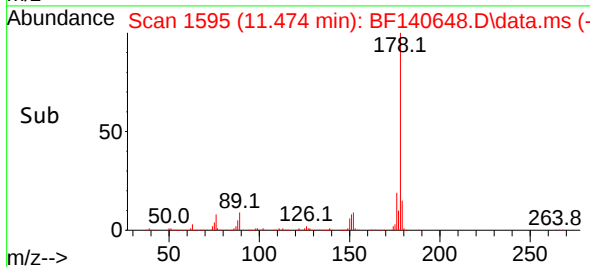
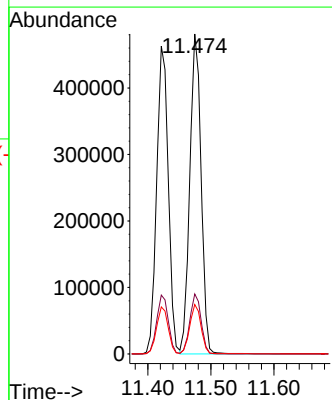
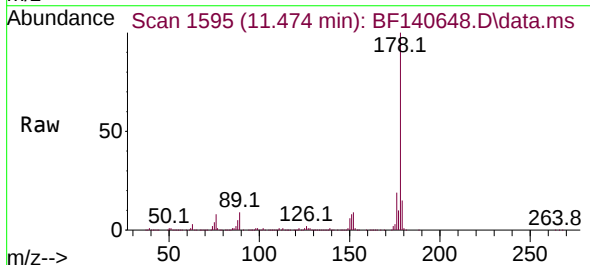
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

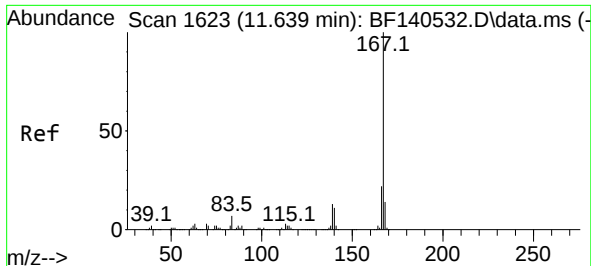
Tgt Ion:178 Resp: 592030
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.3 12.4 18.6



#72
Anthracene
Concen: 56.649 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:178 Resp: 600835
Ion Ratio Lower Upper
178 100
176 18.8 15.0 22.4
179 15.5 12.2 18.4

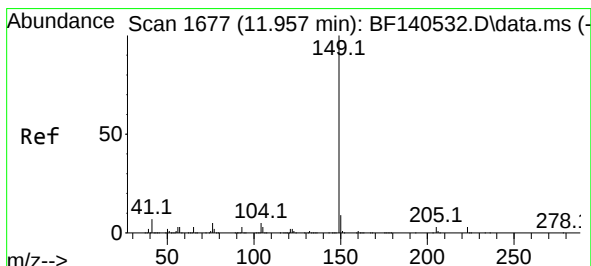
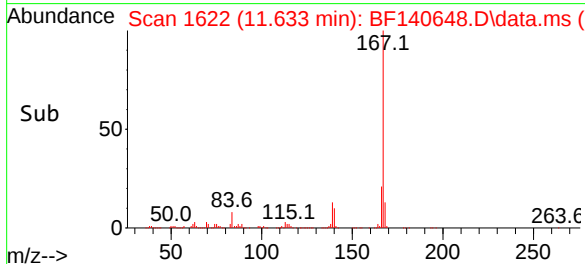
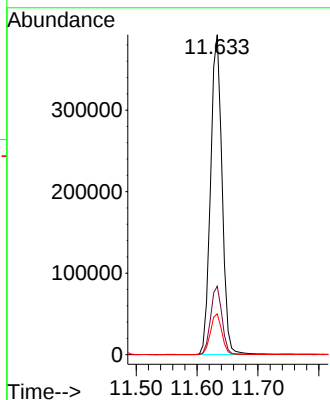
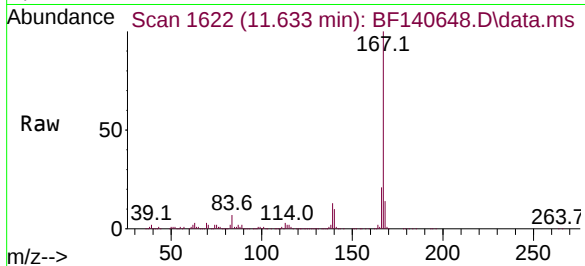




#73
Carbazole
Concen: 50.169 ng
RT: 11.633 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

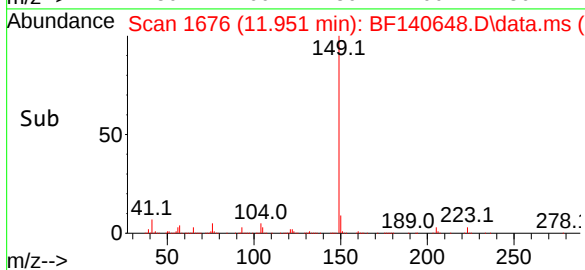
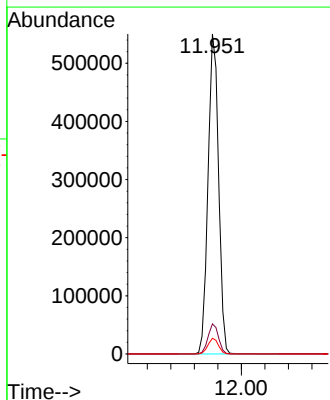
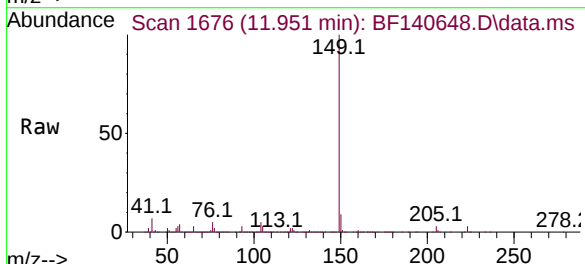
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

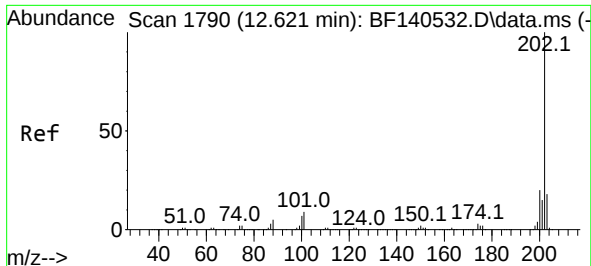
Tgt Ion:167 Resp: 511892
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.8 10.6 15.8



#74
Di-n-butylphthalate
Concen: 58.243 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:149 Resp: 686093
Ion Ratio Lower Upper
149 100
150 9.4 7.5 11.3
104 4.9 4.1 6.1

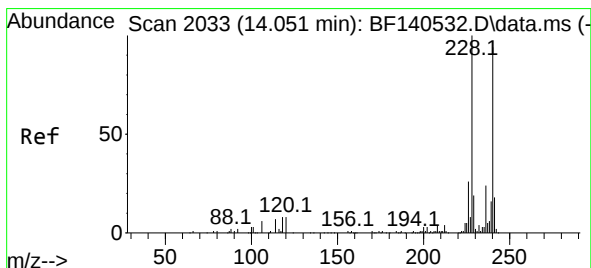
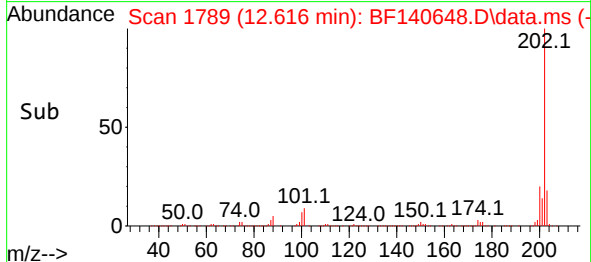
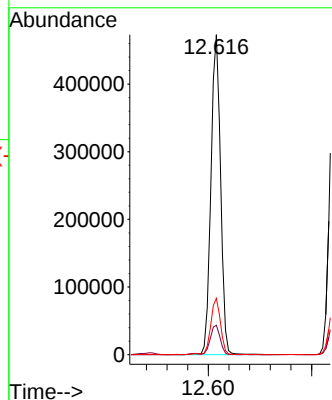
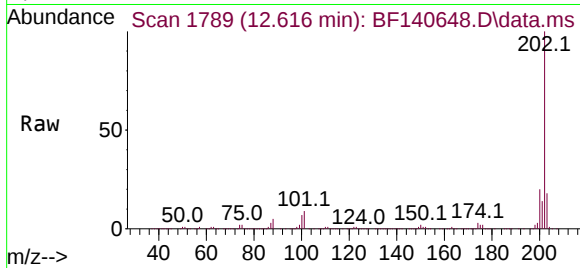




#75
Fluoranthene
Concen: 51.811 ng
RT: 12.616 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

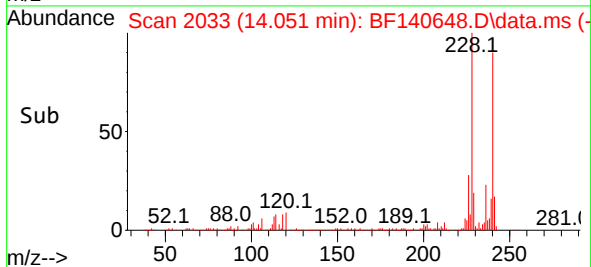
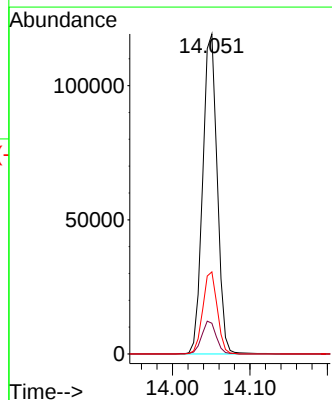
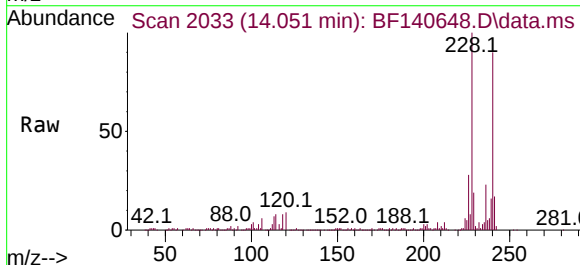
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

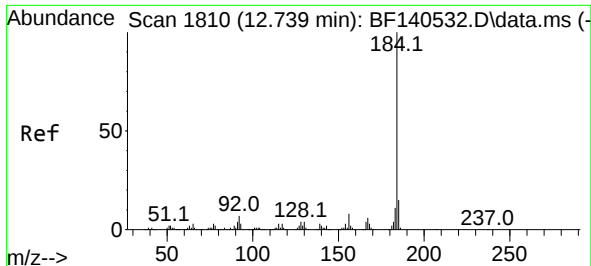
Tgt Ion:202 Resp: 609949
Ion Ratio Lower Upper
202 100
101 9.2 0.0 28.9
203 17.6 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:240 Resp: 155066
Ion Ratio Lower Upper
240 100
120 9.6 7.3 10.9
236 25.6 20.6 31.0

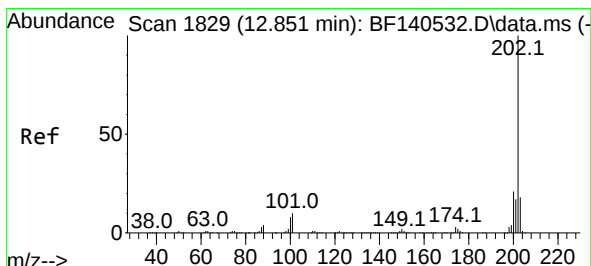
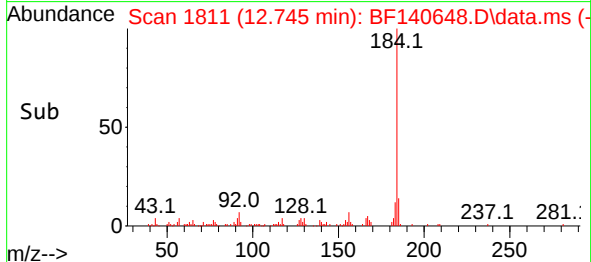
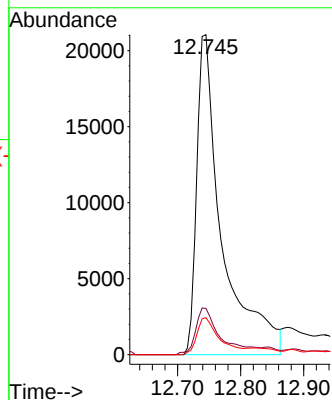
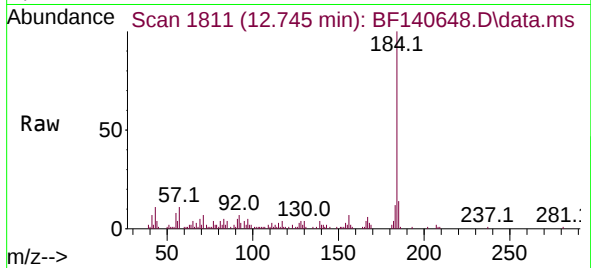




#77
Benzidine
Concen: 12.973 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

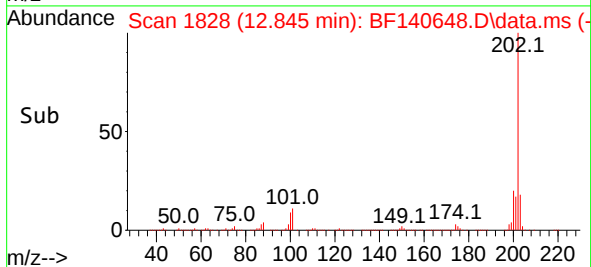
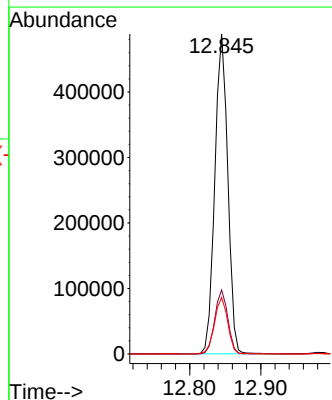
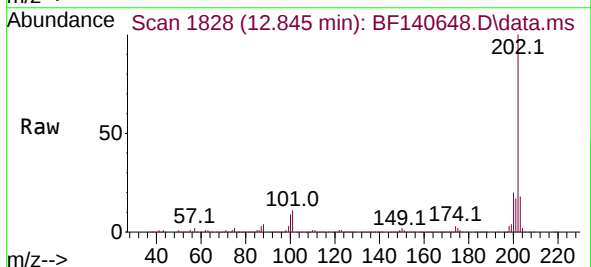
Instrument :
BNA_F
ClientSampleId :
MH-732MSD

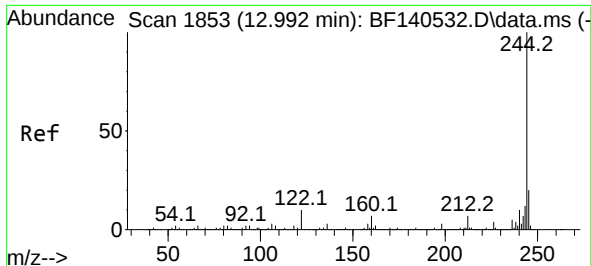
Tgt Ion:184 Resp: 58487
Ion Ratio Lower Upper
184 100
185 14.5 11.7 17.5
183 11.6 8.8 13.2



#78
Pyrene
Concen: 42.993 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:202 Resp: 616429
Ion Ratio Lower Upper
202 100
200 20.0 16.5 24.7
203 17.7 14.2 21.4

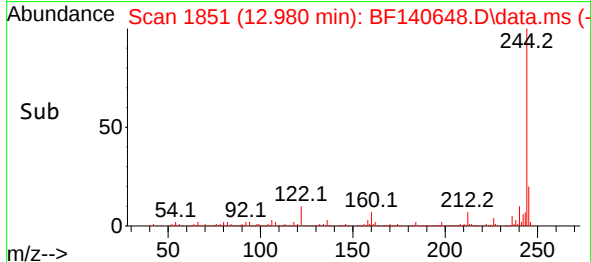
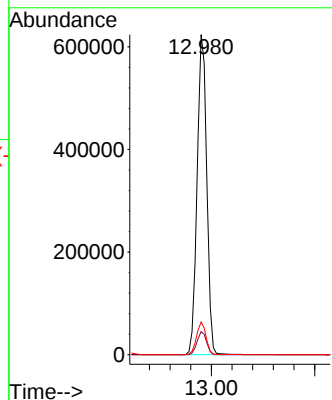
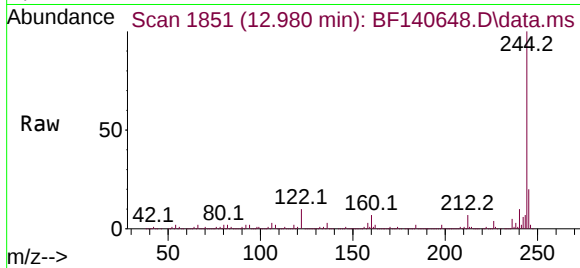




#79
 Terphenyl-d14
 Concen: 80.775 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140648.D
 Acq: 26 Nov 2024 18:00

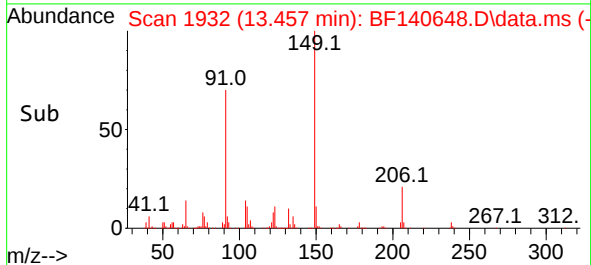
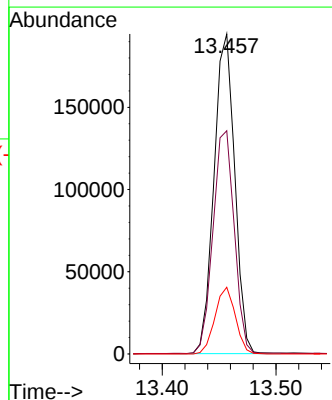
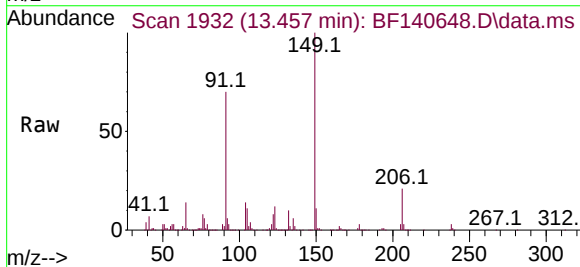
Instrument :
 BNA_F
 ClientSampleId :
 MH-732MSD

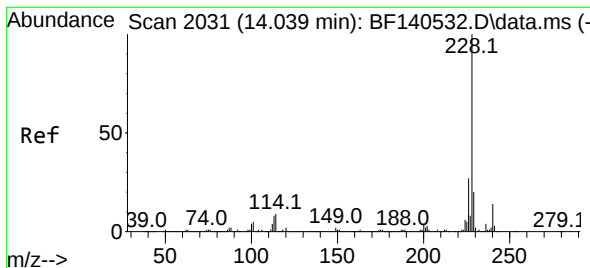
Tgt Ion:244 Resp: 804394
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.2 8.0 12.0



#80
 Butylbenzylphthalate
 Concen: 47.829 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140648.D
 Acq: 26 Nov 2024 18:00

Tgt Ion:149 Resp: 247037
 Ion Ratio Lower Upper
 149 100
 91 69.7 56.2 84.2
 206 20.8 16.4 24.6





#81

Benzo(a)anthracene

Concen: 54.929 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.000 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

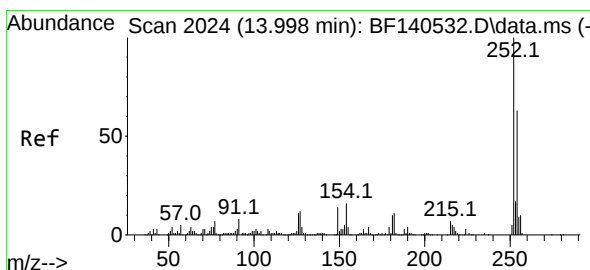
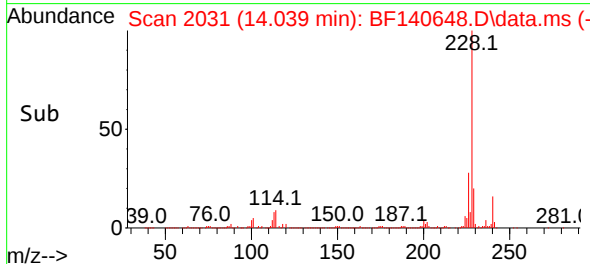
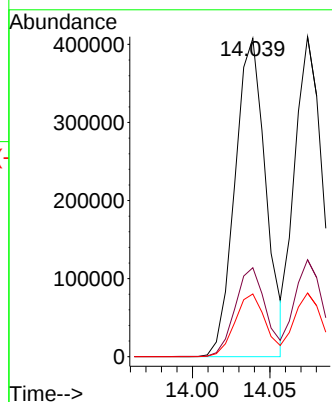
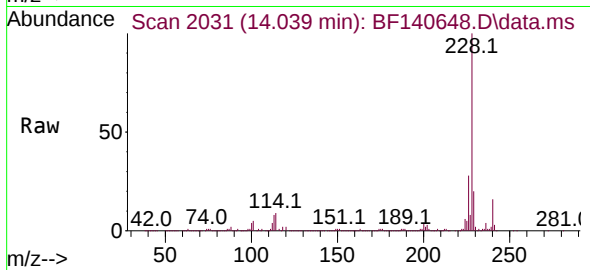
Tgt Ion:228 Resp: 563828

Ion Ratio Lower Upper

228 100

226 27.9 21.8 32.8

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 9.190 ng

RT: 13.998 min Scan# 2024

Delta R.T. -0.000 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

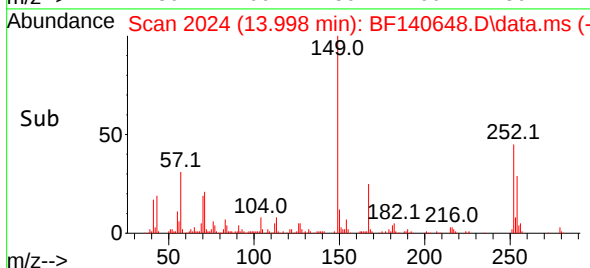
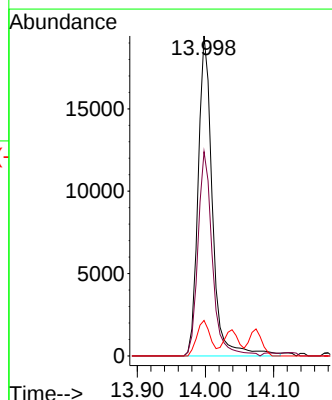
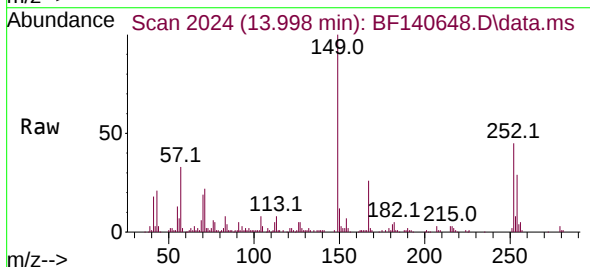
Tgt Ion:252 Resp: 28322

Ion Ratio Lower Upper

252 100

254 63.8 50.8 76.2

126 11.1 8.6 13.0





#83

Chrysene

Concen: 54.312 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

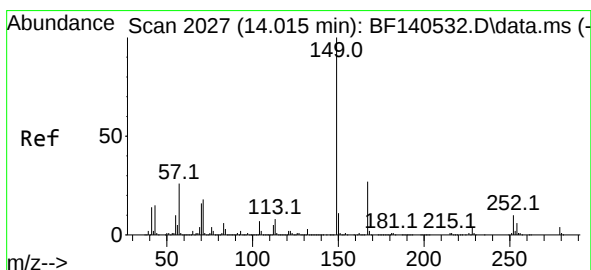
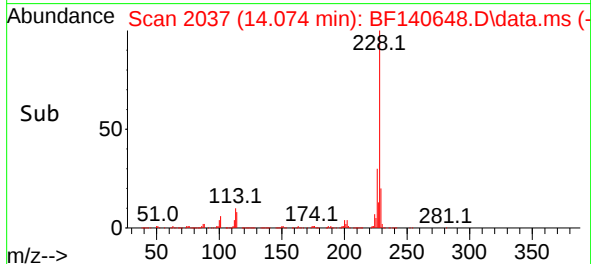
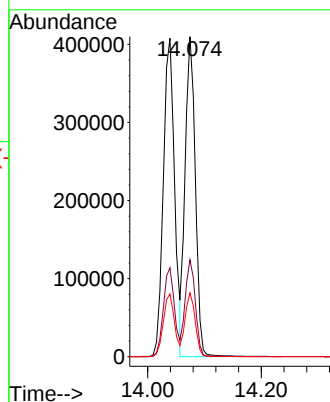
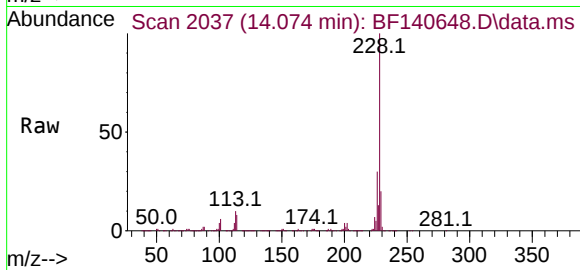
Tgt Ion:228 Resp: 509775

Ion Ratio Lower Upper

228 100

226 30.3 24.4 36.6

229 19.9 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.946 ng

RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

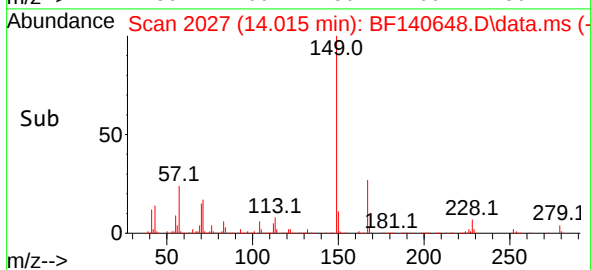
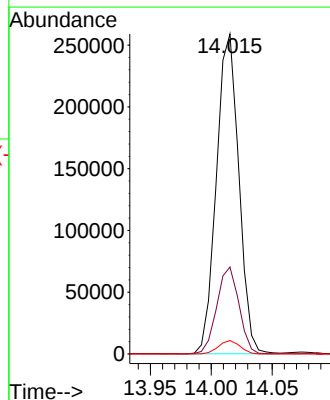
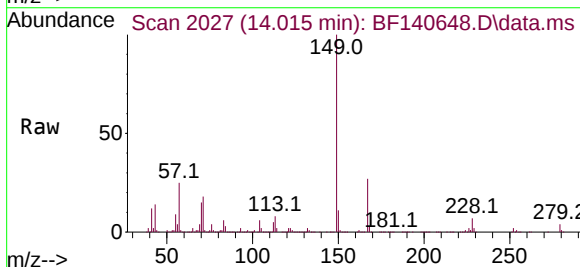
Tgt Ion:149 Resp: 332264

Ion Ratio Lower Upper

149 100

167 27.1 21.2 31.8

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 61.285 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

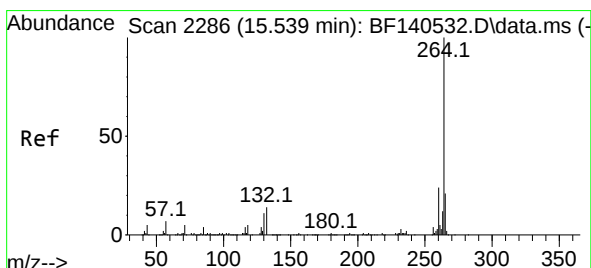
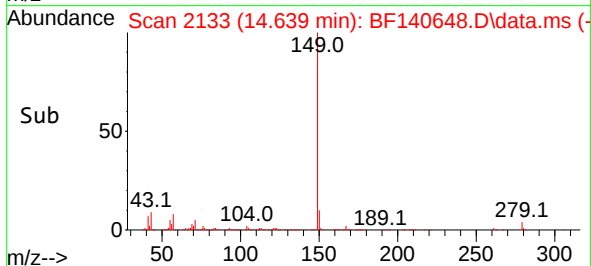
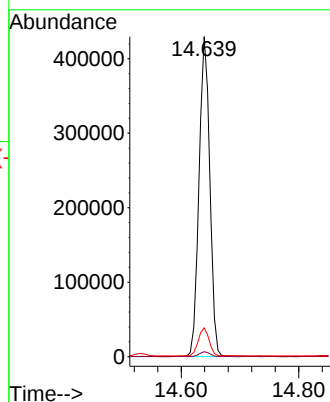
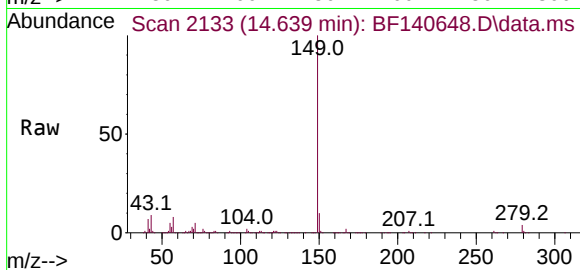
Tgt Ion:149 Resp: 546234

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 8.9 7.7 11.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2287

Delta R.T. 0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

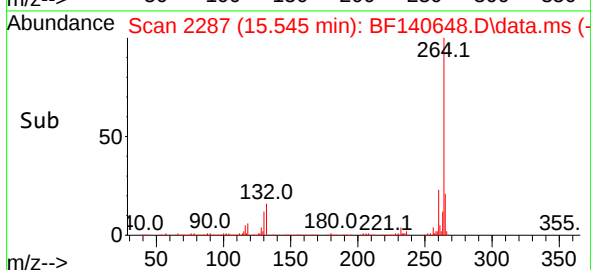
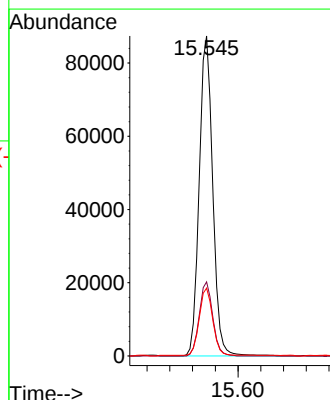
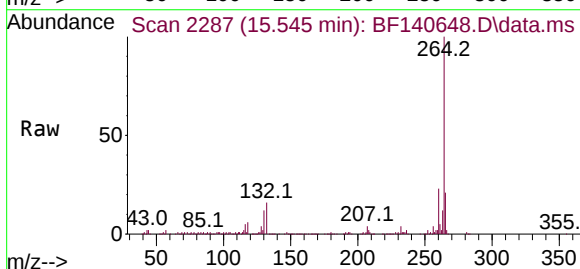
Tgt Ion:264 Resp: 144332

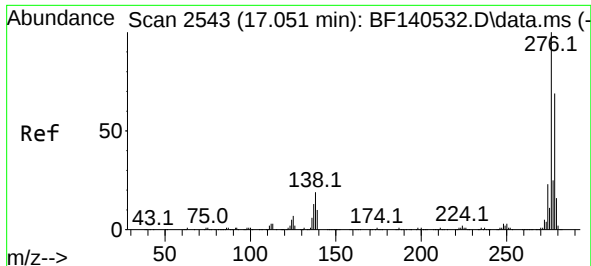
Ion Ratio Lower Upper

264 100

260 23.1 19.0 28.6

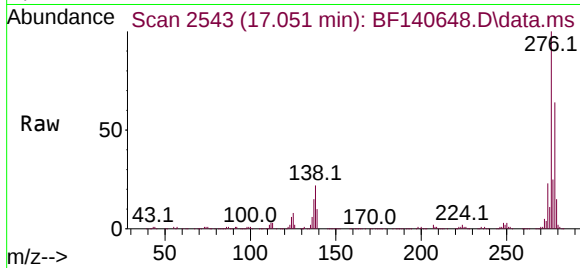
265 21.2 16.6 25.0



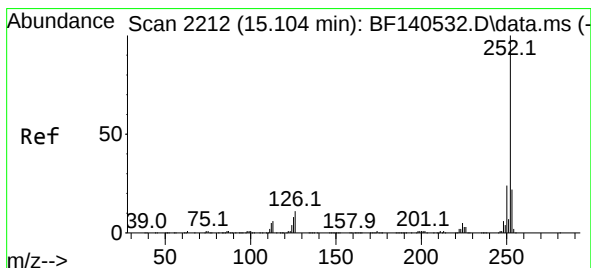
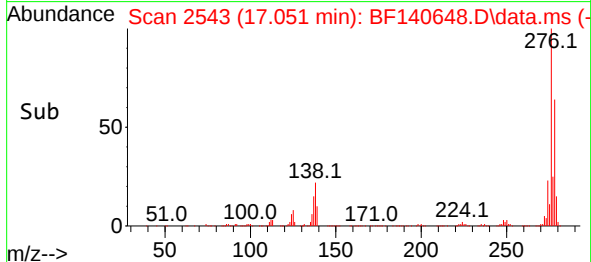
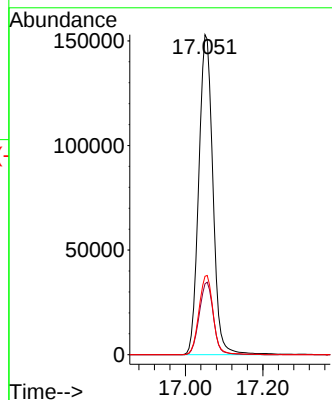


#87
Indeno(1,2,3-cd)pyrene
Concen: 41.143 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

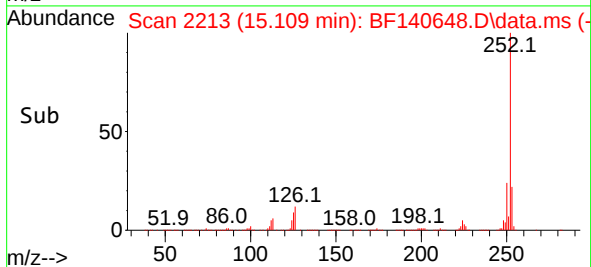
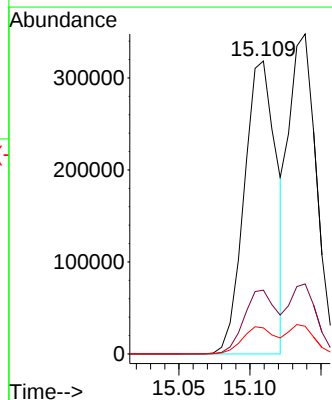
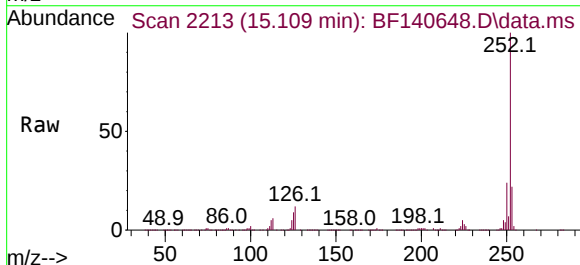


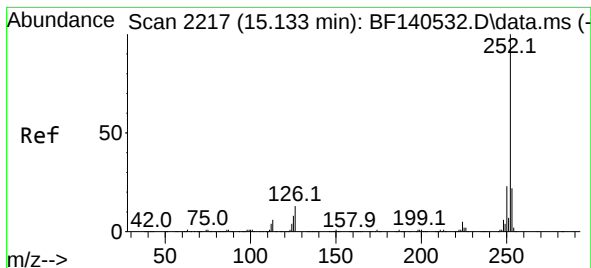
Tgt Ion:276 Resp: 386990
Ion Ratio Lower Upper
276 100
138 22.6 15.5 23.3
277 24.9 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 55.401 ng
RT: 15.109 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:252 Resp: 502250
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.9 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 59.053 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

Instrument :

BNA_F

ClientSampleId :

MH-732MSD

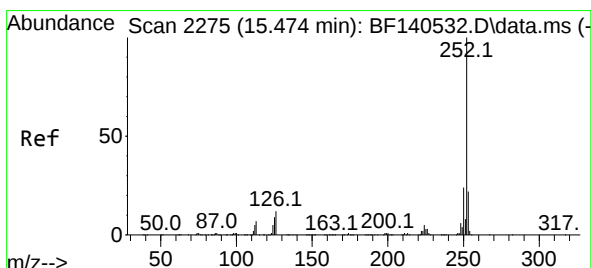
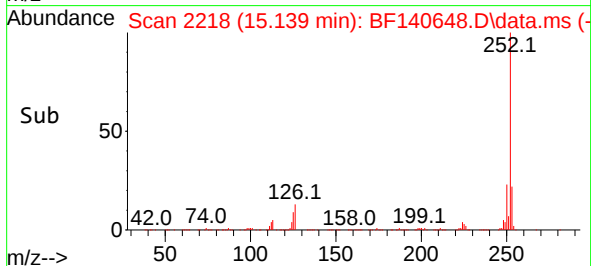
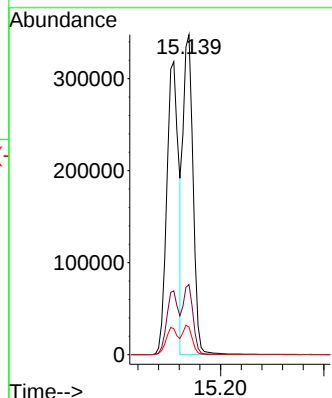
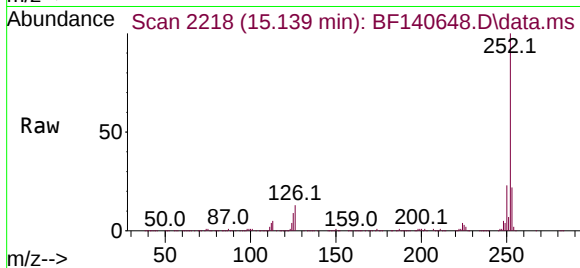
Tgt Ion:252 Resp: 468484

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 8.7 6.5 9.7



#90

Benzo(a)pyrene

Concen: 58.070 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140648.D

Acq: 26 Nov 2024 18:00

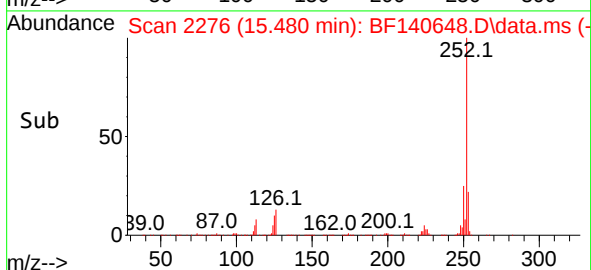
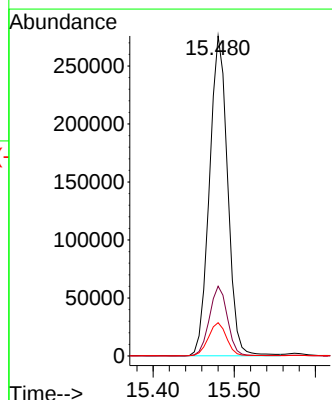
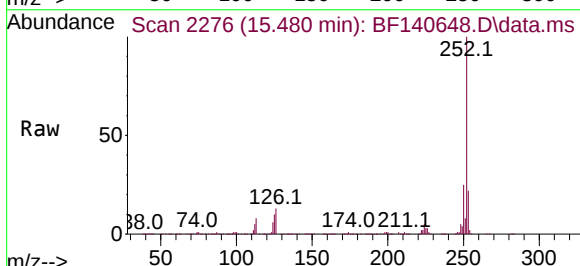
Tgt Ion:252 Resp: 428040

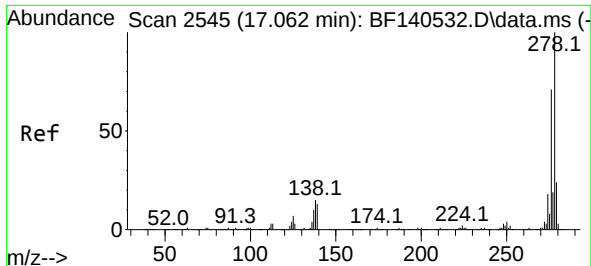
Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

125 10.4 7.0 10.6

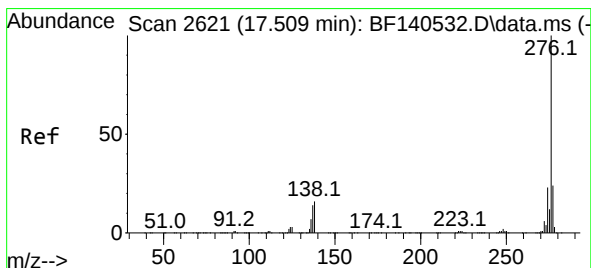
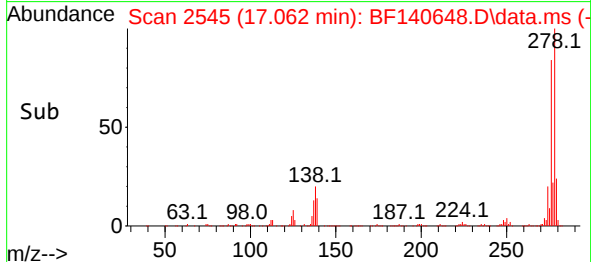
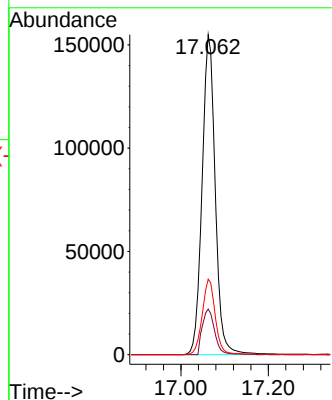
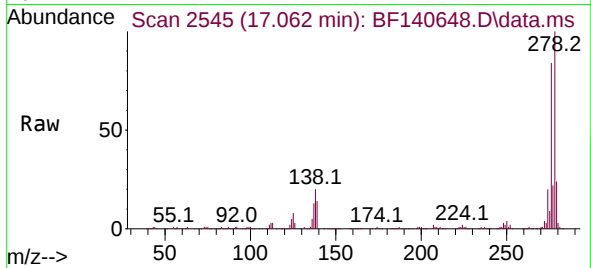




#91
Dibenzo(a,h)anthracene
Concen: 42.249 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Instrument :
BNA_F
ClientSampleId :
MH-732MSD

Tgt Ion:278 Resp: 325450
Ion Ratio Lower Upper
278 100
139 14.2 10.2 15.4
279 23.6 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 35.934 ng
RT: 17.509 min Scan# 2621
Delta R.T. -0.000 min
Lab File: BF140648.D
Acq: 26 Nov 2024 18:00

Tgt Ion:276 Resp: 282466
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 18.5 13.2 19.8

