

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140948.D
 Acq On : 20 Dec 2024 14:10
 Operator : RC/JU
 Sample : P5306-09MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-11-121224MS

Quant Time: Dec 20 14:38:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 16 16:59:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	55385	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	209218	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	115521	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	219277	20.000	ng	0.00
76) Chrysene-d12	14.033	240	133308	20.000	ng	0.00
86) Perylene-d12	15.521	264	114231	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	442109	131.406	ng	0.01
7) Phenol-d6	6.504	99	599050	134.430	ng	0.00
23) Nitrobenzene-d5	7.416	82	372228	89.012	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	167201	122.376	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	705412	83.953	ng	0.00
79) Terphenyl-d14	12.963	244	769721	91.048	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	57898	39.952	ng	98
3) Pyridine	3.487	79	147343	43.903	ng	98
4) n-Nitrosodimethylamine	3.440	42	73891	43.674	ng	95
6) Aniline	6.516	93	152345	39.984	ng	# 72
8) 2-Chlorophenol	6.645	128	202633	55.230	ng	99
9) Benzaldehyde	6.410	77	38178	15.462	ng	92
10) Phenol	6.516	94	259118	56.104	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	180043	52.272	ng	99
12) 1,3-Dichlorobenzene	6.787	146	210487	50.348	ng	98
13) 1,4-Dichlorobenzene	6.869	146	216818	51.092	ng	98
14) 1,2-Dichlorobenzene	7.016	146	203761	50.890	ng	99
15) Benzyl Alcohol	7.004	79	175492	55.078	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.116	45	208259	51.327	ng	91
17) 2-Methylphenol	7.122	107	160183	54.685	ng	99
18) Hexachloroethane	7.351	117	77377	48.978	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	140269	52.475	ng	97
20) 3+4-Methylphenols	7.275	107	218873	56.350	ng	# 80
22) Acetophenone	7.263	105	281478	53.782	ng	94
24) Nitrobenzene	7.440	77	213867	49.921	ng	95
25) Isophorone	7.675	82	358474	51.161	ng	99
26) 2-Nitrophenol	7.751	139	110125	55.813	ng	95
27) 2,4-Dimethylphenol	7.792	122	151216	65.624	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	221616	50.641	ng	99
29) 2,4-Dichlorophenol	8.004	162	170278	53.525	ng	99
30) 1,2,4-Trichlorobenzene	8.075	180	174689	47.901	ng	99
31) Naphthalene	8.151	128	576356	50.150	ng	100
32) Benzoic acid	7.945	122	79916	36.568	ng	95
33) 4-Chloroaniline	8.210	127	86711	22.717	ng	98
34) Hexachlorobutadiene	8.263	225	112396	45.808	ng	99
35) Caprolactam	8.592	113	38523	40.675	ng	90
36) 4-Chloro-3-methylphenol	8.704	107	176282	49.233	ng	100
37) 2-Methylnaphthalene	8.845	142	369738	48.635	ng	100
38) 1-Methylnaphthalene	8.945	142	347475	46.215	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	184825	52.053	ng	99
41) Hexachlorocyclopentadiene	8.992	237	34644	40.992	ng	98
43) 2,4,6-Trichlorophenol	9.134	196	110805	50.964	ng	99

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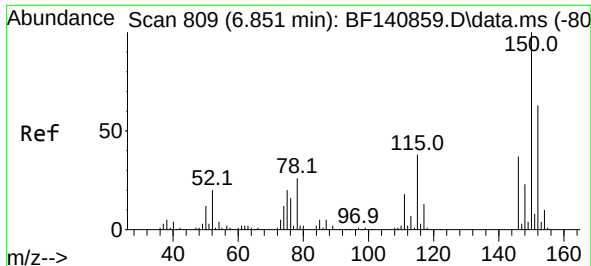
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	117901	49.337	ng	99
46) 1,1'-Biphenyl	9.304	154	472666	51.455	ng	99
47) 2-Chloronaphthalene	9.334	162	352165	50.113	ng	99
48) 2-Nitroaniline	9.439	65	109079	51.395	ng	94
49) Acenaphthylene	9.751	152	576620	55.834	ng	99
50) Dimethylphthalate	9.604	163	409034	50.222	ng	100
51) 2,6-Dinitrotoluene	9.681	165	92478	49.668	ng	94
52) Acenaphthene	9.922	154	351200	53.237	ng	99
53) 3-Nitroaniline	9.857	138	55538	30.057	ng	94
54) 2,4-Dinitrophenol	9.981	184	87671	95.155	ng	90
55) Dibenzofuran	10.092	168	537457	52.577	ng	99
56) 4-Nitrophenol	10.045	139	83327	83.625	ng	98
57) 2,4-Dinitrotoluene	10.092	165	127795	52.166	ng	98
58) Fluorene	10.439	166	428757	50.841	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	101786	52.272	ng	92
60) Diethylphthalate	10.304	149	405299	47.990	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	212840	50.243	ng	96
62) 4-Nitroaniline	10.475	138	90228	46.729	ng	95
63) Azobenzene	10.586	77	429196	54.056	ng	94
65) 4,6-Dinitro-2-methylph...	10.510	198	70374	56.637	ng	94
66) n-Nitrosodiphenylamine	10.545	169	372378	55.234	ng	100
67) 4-Bromophenyl-phenylether	10.916	248	124883	50.908	ng	97
68) Hexachlorobenzene	10.986	284	138231	49.700	ng	98
69) Atrazine	11.075	200	116856	62.062	ng	99
70) Pentachlorophenol	11.198	266	78972	77.662	ng	98
71) Phenanthrene	11.404	178	628319	55.721	ng	99
72) Anthracene	11.457	178	597017	53.762	ng	100
73) Carbazole	11.616	167	569460	52.355	ng	99
74) Di-n-butylphthalate	11.928	149	638255	49.999	ng	99
75) Fluoranthene	12.598	202	637105	49.060	ng	100
77) Benzidine	12.722	184	125211	46.021	ng	99
78) Pyrene	12.827	202	665883	56.171	ng	99
80) Butylbenzylphthalate	13.433	149	231762	53.133	ng	96
81) Benzo(a)anthracene	14.021	228	492886	52.168	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	81414	28.561	ng	97
83) Chrysene	14.057	228	441907	51.436	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	267856	47.624	ng	99
85) Di-n-octyl phthalate	14.604	149	365090	42.906	ng	98
87) Indeno(1,2,3-cd)pyrene	17.039	276	474317	66.539	ng	99
88) Benzo(b)fluoranthene	15.086	252	381086	48.060	ng	100
89) Benzo(k)fluoranthene	15.116	252	373879	54.968	ng	100
90) Benzo(a)pyrene	15.457	252	355872	57.316	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	390092	66.055	ng	99
92) Benzo(g,h,i)perylene	17.498	276	373367	62.119	ng	99

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

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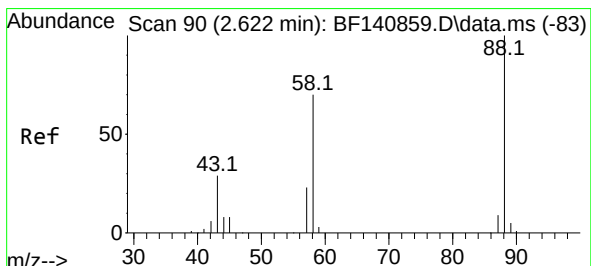
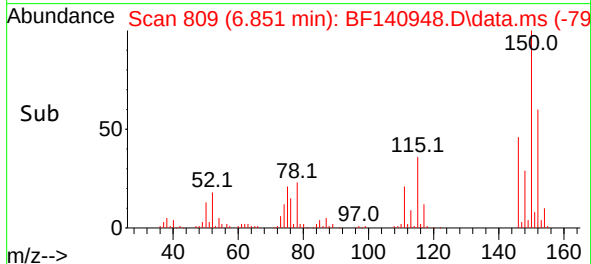
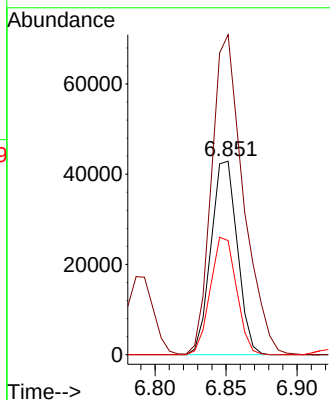
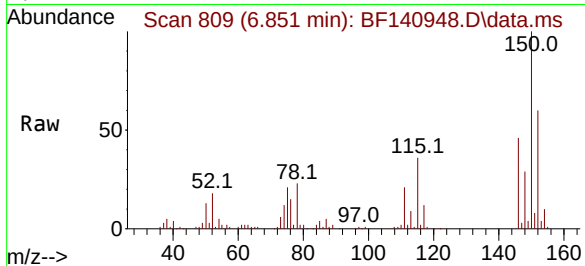




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 809
 Delta R.T. 0.000 min
 Lab File: BF140948.D
 Acq: 20 Dec 2024 14:10

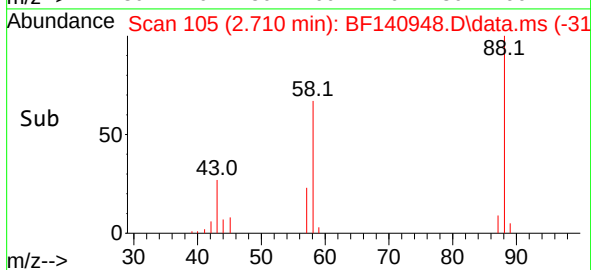
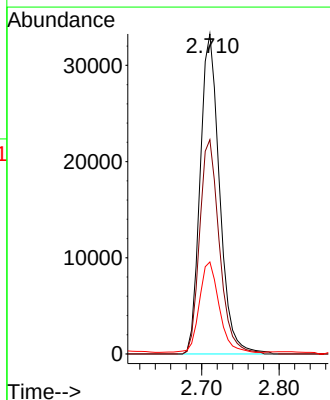
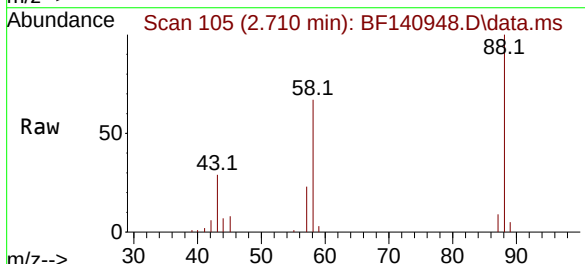
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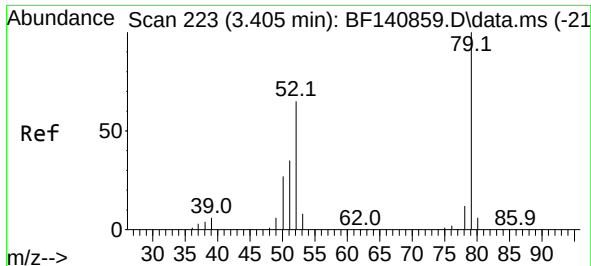
Tgt Ion:152 Resp: 55385
 Ion Ratio Lower Upper
 152 100
 150 165.5 127.9 191.9
 115 59.0 48.0 72.0



#2
 1,4-Dioxane
 Concen: 39.952 ng
 RT: 2.710 min Scan# 105
 Delta R.T. 0.088 min
 Lab File: BF140948.D
 Acq: 20 Dec 2024 14:10

Tgt Ion: 88 Resp: 57898
 Ion Ratio Lower Upper
 88 100
 58 68.2 55.8 83.8
 43 29.7 22.7 34.1





#3

Pyridine

Concen: 43.903 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.082 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

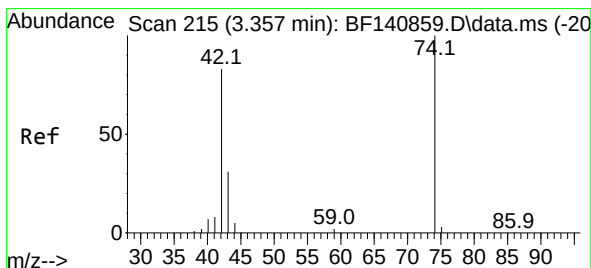
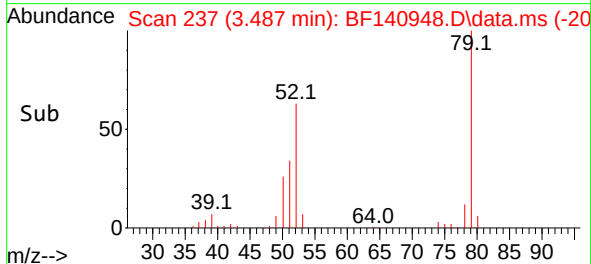
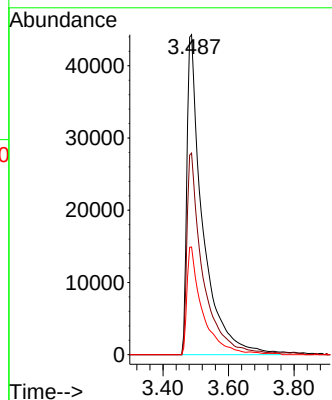
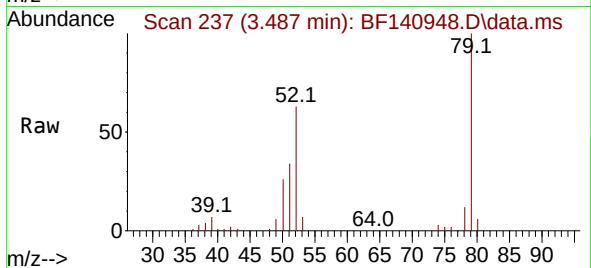
Tgt Ion: 79 Resp: 147343

Ion Ratio Lower Upper

79 100

52 63.0 51.7 77.5

51 33.7 28.2 42.4



#4

n-Nitrosodimethylamine

Concen: 43.674 ng

RT: 3.440 min Scan# 229

Delta R.T. 0.082 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

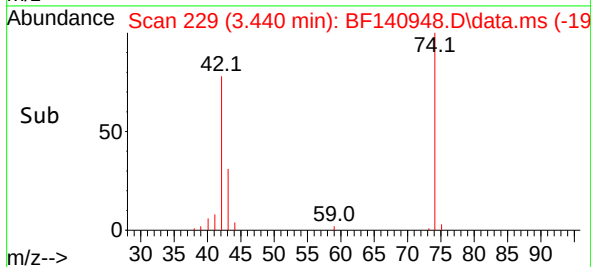
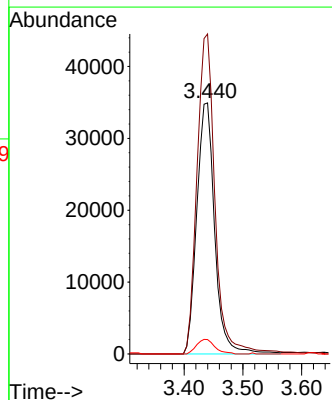
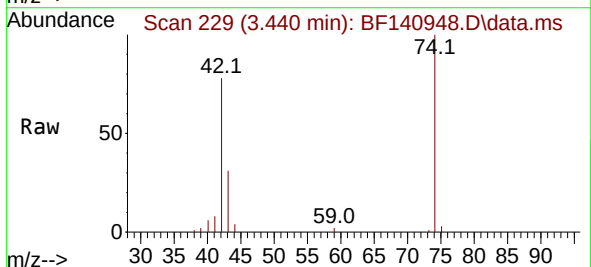
Tgt Ion: 42 Resp: 73891

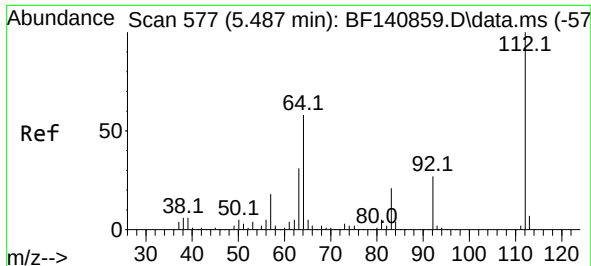
Ion Ratio Lower Upper

42 100

74 127.4 96.9 145.3

44 5.7 4.4 6.6

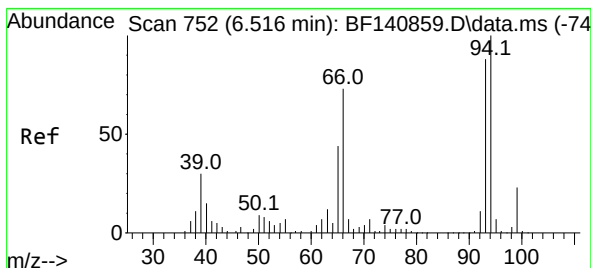
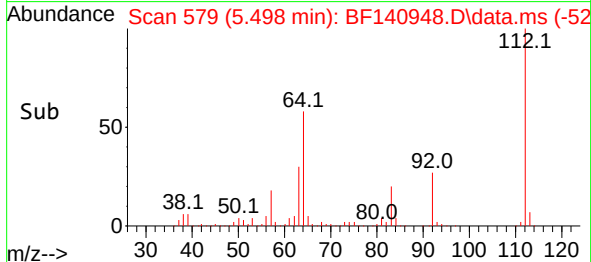
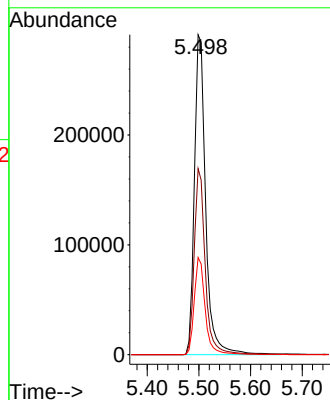
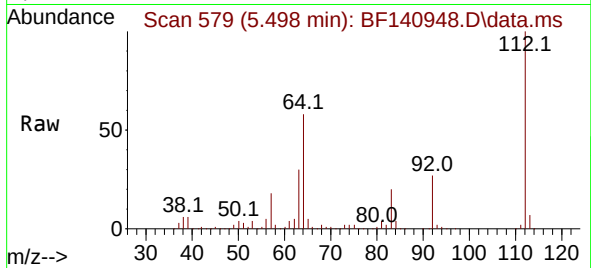




#5
2-Fluorophenol
Concen: 131.406 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

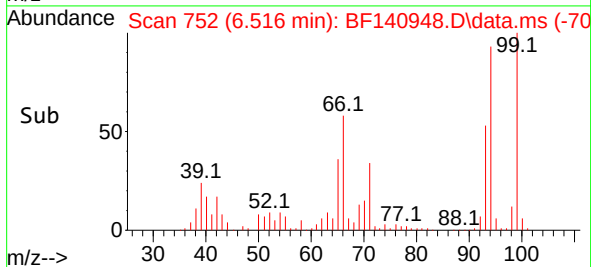
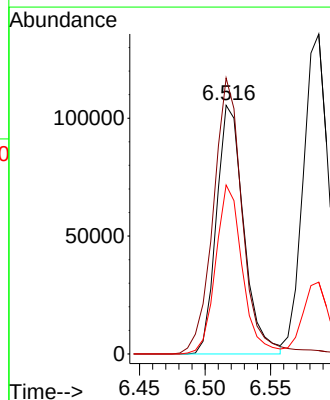
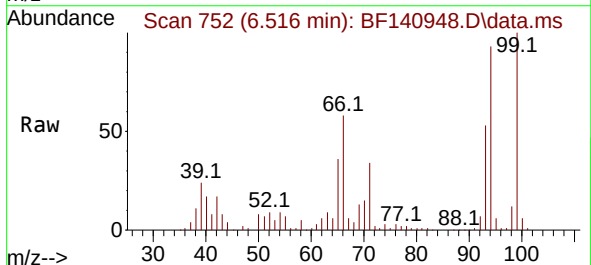
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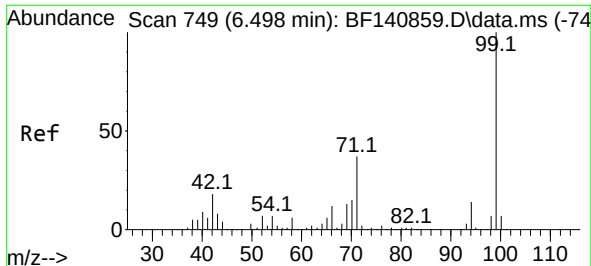
Tgt Ion:112 Resp: 442109
Ion Ratio Lower Upper
112 100
64 58.2 46.1 69.1
63 30.3 24.9 37.3



#6
Aniline
Concen: 39.984 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion: 93 Resp: 152345
Ion Ratio Lower Upper
93 100
66 111.0 67.0 100.4#
65 67.9 40.4 60.6#

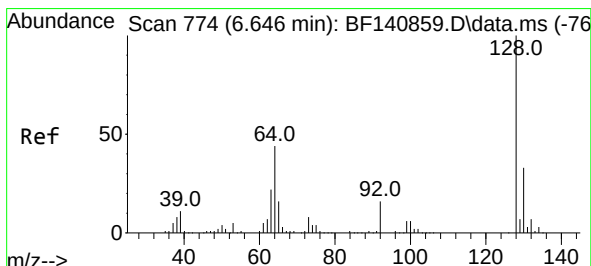
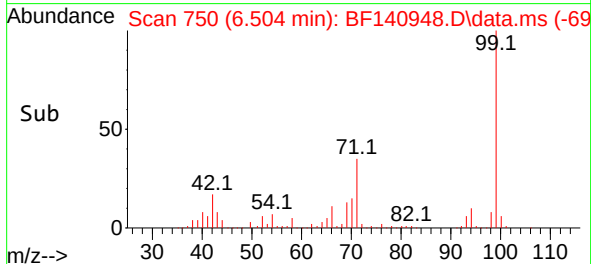
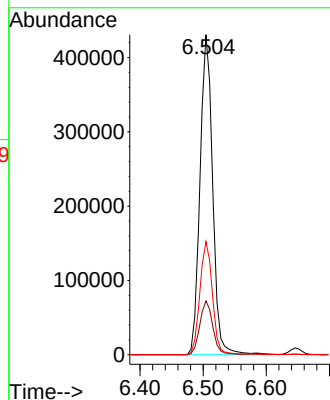
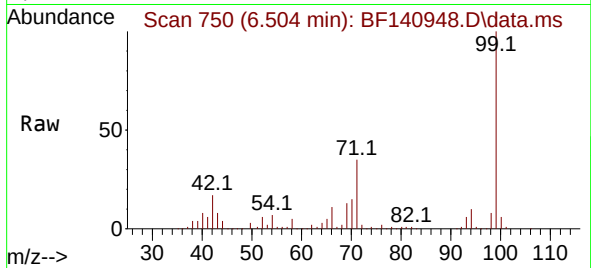




#7
Phenol-d6
Concen: 134.430 ng
RT: 6.504 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

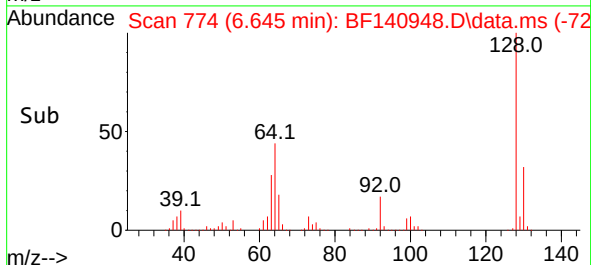
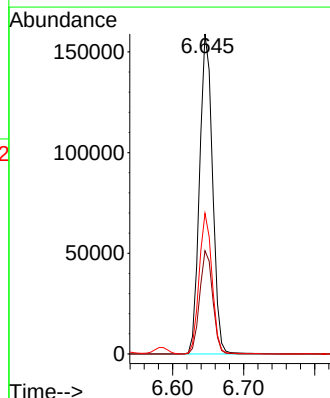
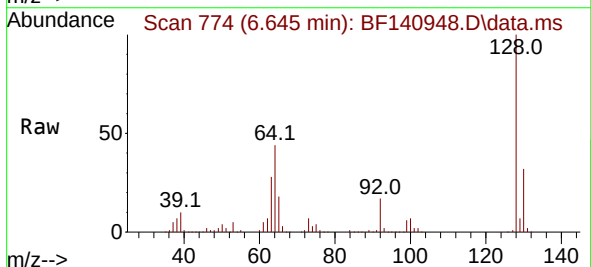
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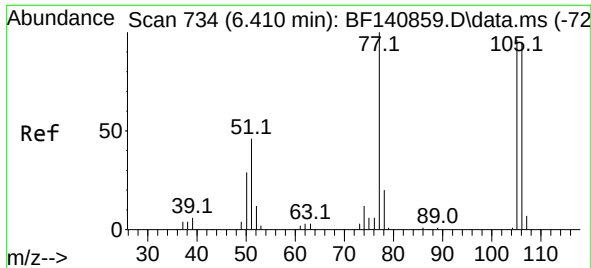
Tgt Ion: 99 Resp: 599050
Ion Ratio Lower Upper
99 100
42 16.8 14.3 21.5
71 35.4 29.9 44.9



#8
2-Chlorophenol
Concen: 55.230 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:128 Resp: 202633
Ion Ratio Lower Upper
128 100
130 32.3 12.9 52.9
64 44.0 24.3 64.3

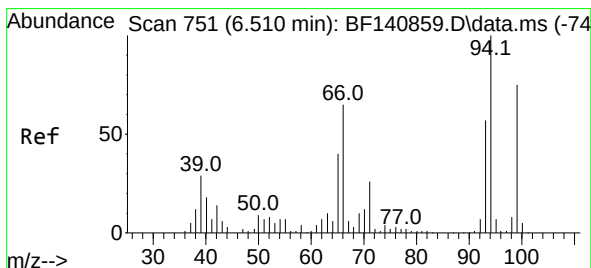
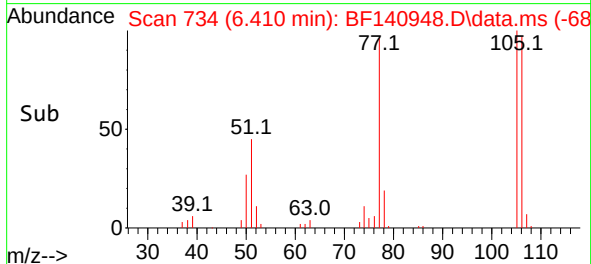
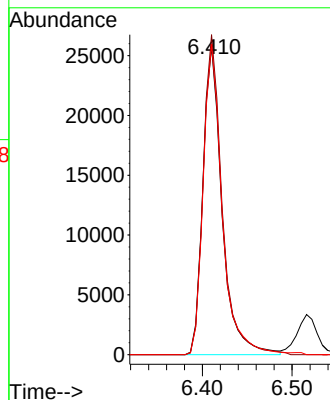
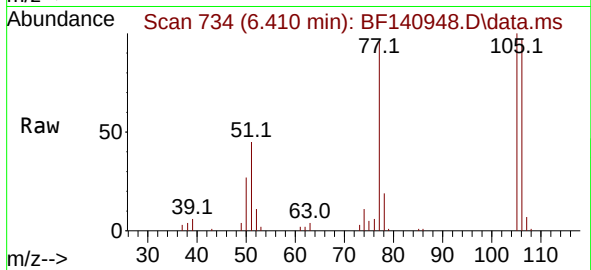




#9
Benzaldehyde
Concen: 15.462 ng
RT: 6.410 min Scan# 714
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

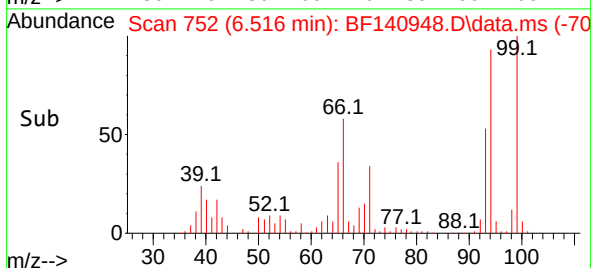
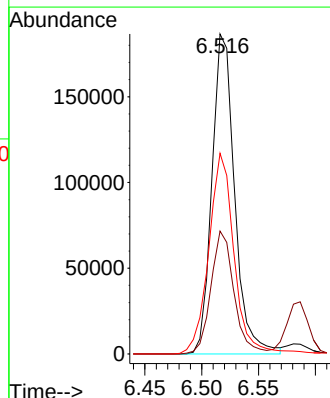
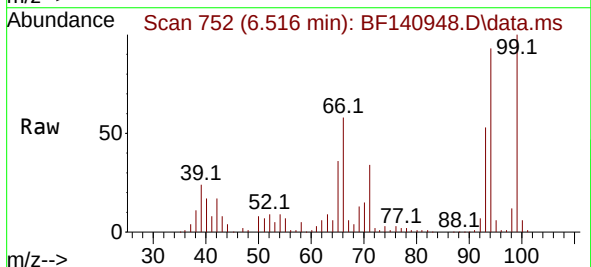
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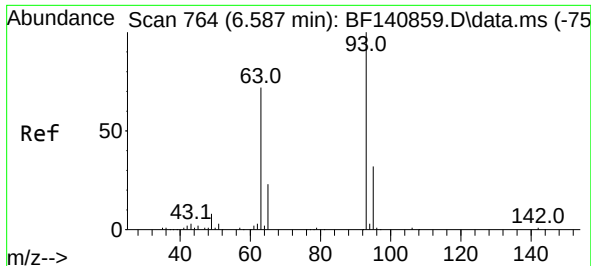
Tgt Ion:	77	Resp:	38178
Ion	Ratio	Lower	Upper
77	100		
105	104.0	75.8	115.8
106	100.9	74.1	114.1



#10
Phenol
Concen: 56.104 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:	94	Resp:	259118
Ion	Ratio	Lower	Upper
94	100		
65	38.4	19.9	59.9
66	62.7	45.6	85.6

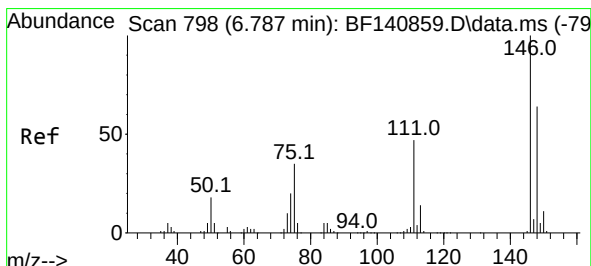
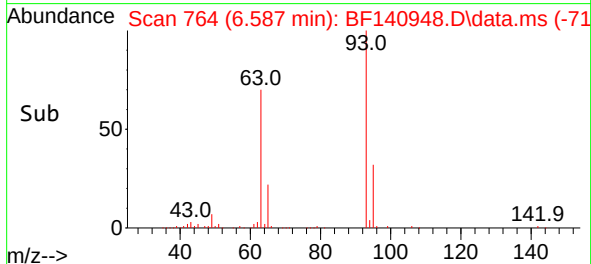
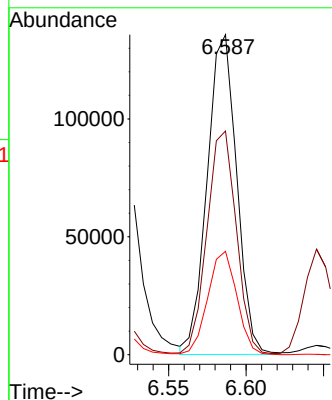
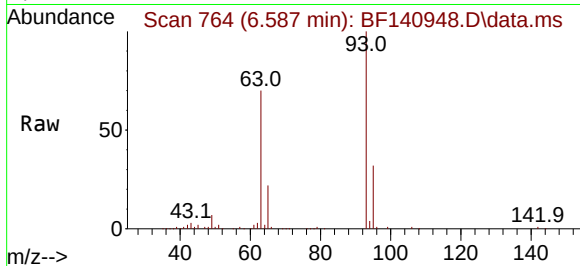




#11
bis(2-Chloroethyl)ether
Concen: 52.272 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

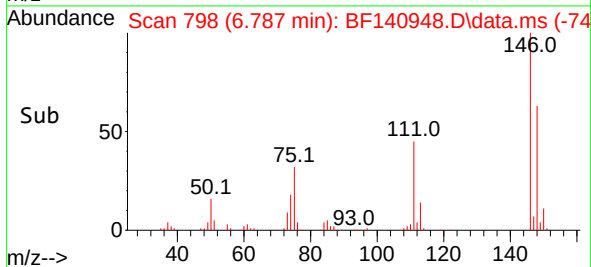
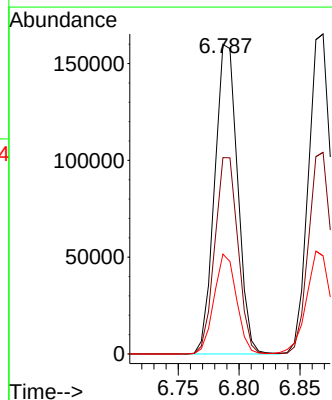
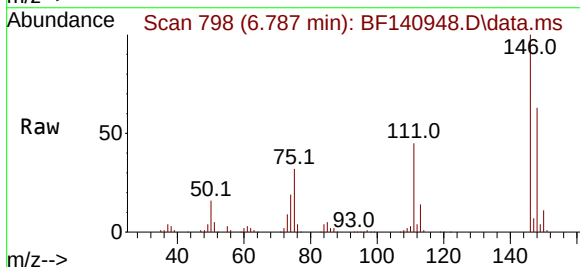
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

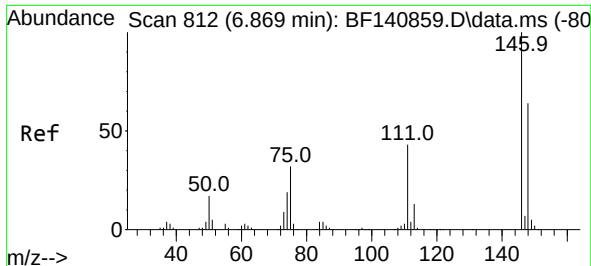
Tgt Ion: 93 Resp: 180043
Ion Ratio Lower Upper
93 100
63 69.9 51.0 91.0
95 32.3 12.0 52.0



#12
1,3-Dichlorobenzene
Concen: 50.348 ng
RT: 6.787 min Scan# 798
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:146 Resp: 210487
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
75 32.2 28.1 42.1





#13

1,4-Dichlorobenzene

Concen: 51.092 ng

RT: 6.869 min Scan# 812

Delta R.T. -0.000 min

Lab File: BF140948.D

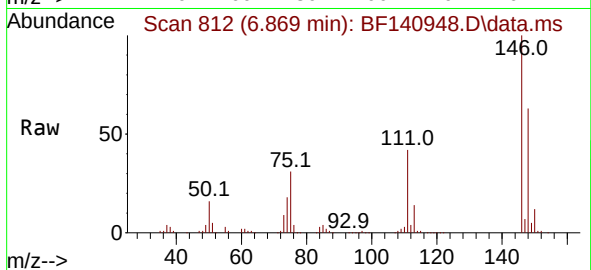
Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS



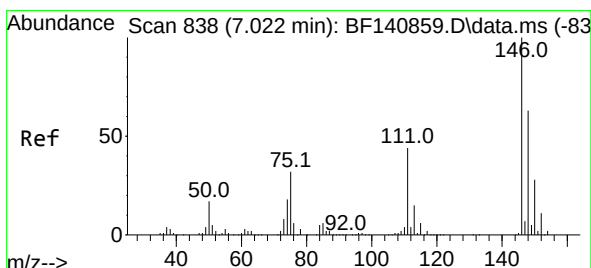
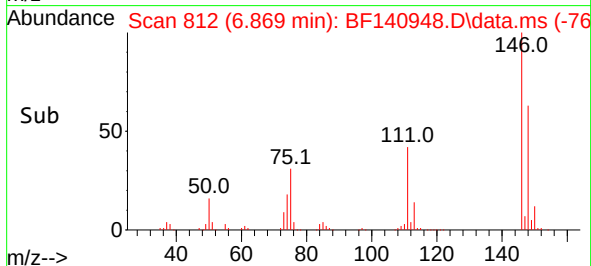
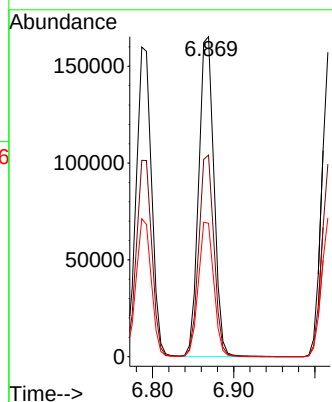
Tgt Ion:146 Resp: 216818

Ion Ratio Lower Upper

146 100

148 63.0 51.3 76.9

111 41.7 34.4 51.6



#14

1,2-Dichlorobenzene

Concen: 50.890 ng

RT: 7.016 min Scan# 837

Delta R.T. -0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

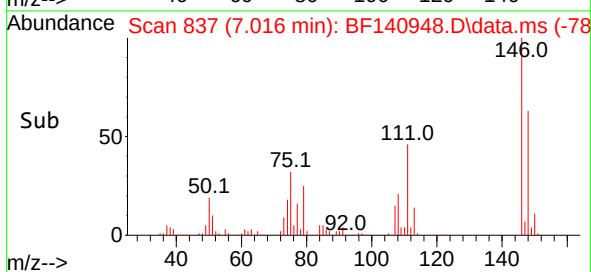
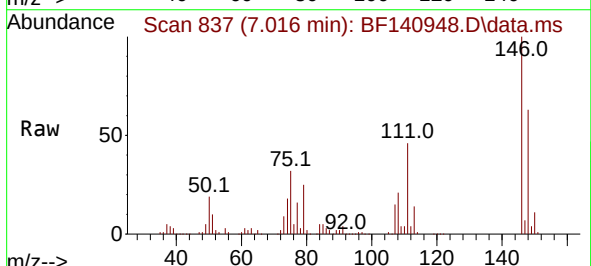
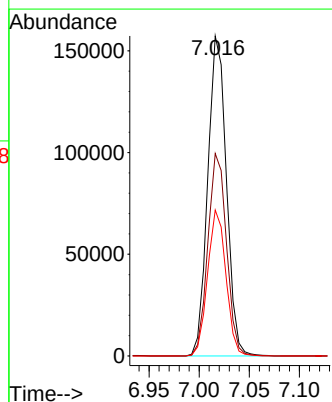
Tgt Ion:146 Resp: 203761

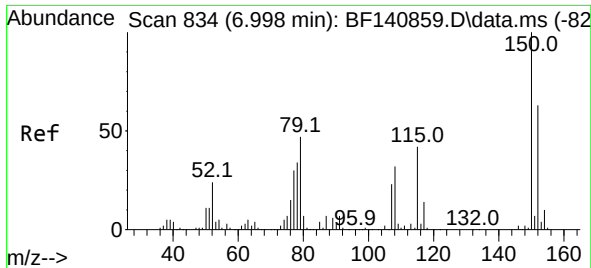
Ion Ratio Lower Upper

146 100

148 63.3 50.0 75.0

111 45.6 35.6 53.4

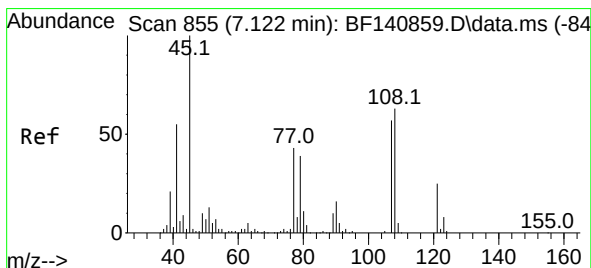
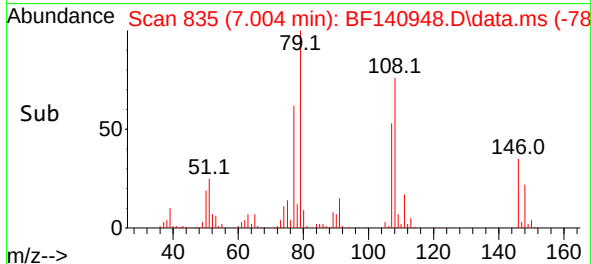
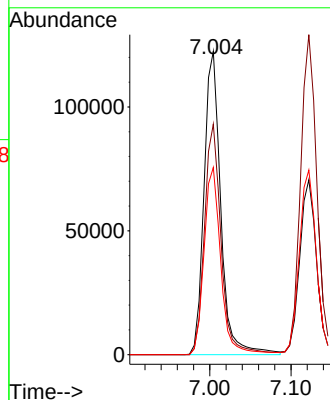
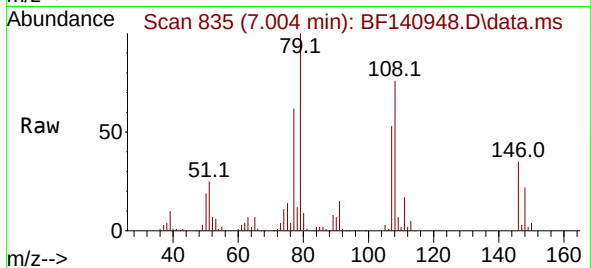




#15
Benzyl Alcohol
Concen: 55.078 ng
RT: 7.004 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

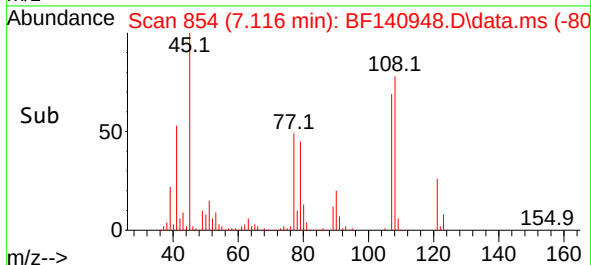
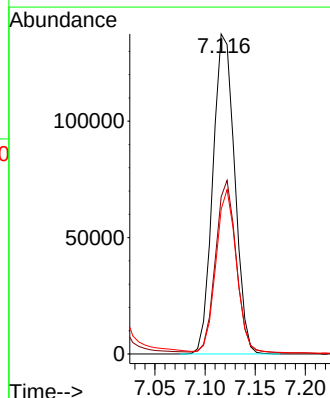
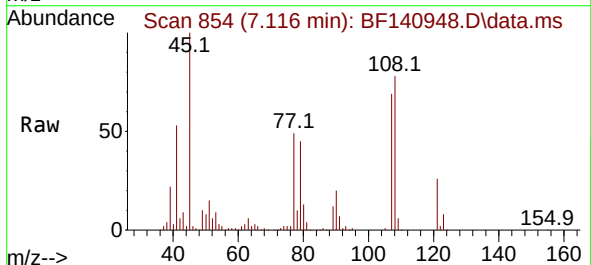
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

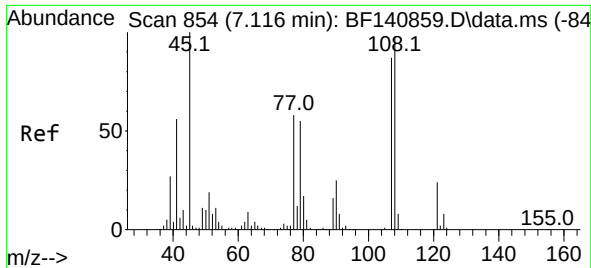
Tgt Ion: 79 Resp: 175492
Ion Ratio Lower Upper
79 100
108 76.0 55.1 82.7
77 61.7 50.6 76.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.327 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion: 45 Resp: 208259
Ion Ratio Lower Upper
45 100
77 49.1 23.3 63.3
79 45.2 20.0 60.0

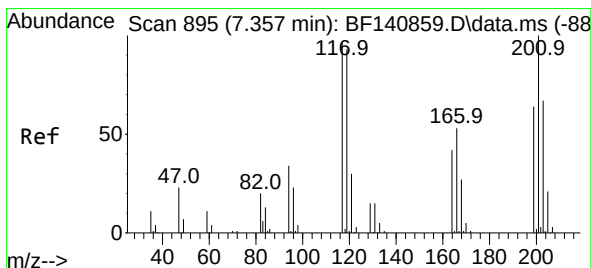
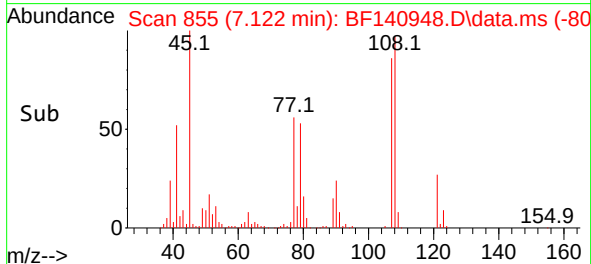
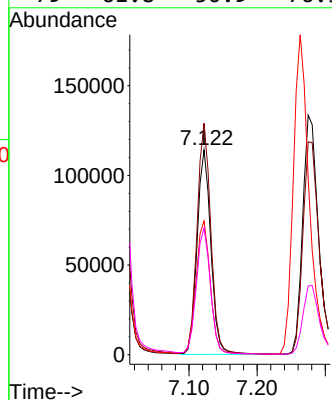
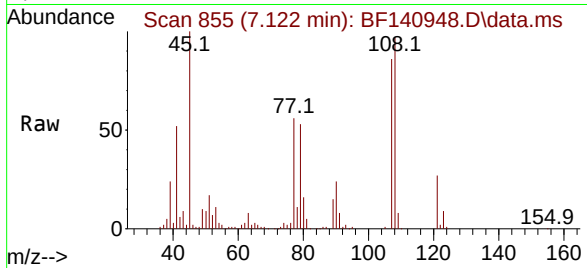




#17
2-Methylphenol
Concen: 54.685 ng
RT: 7.122 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

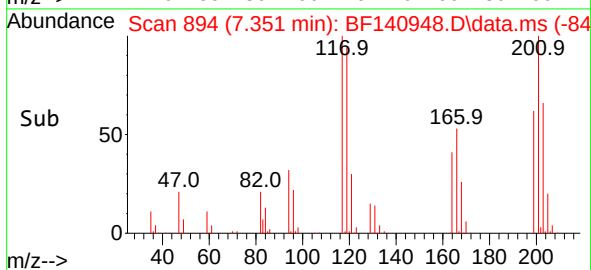
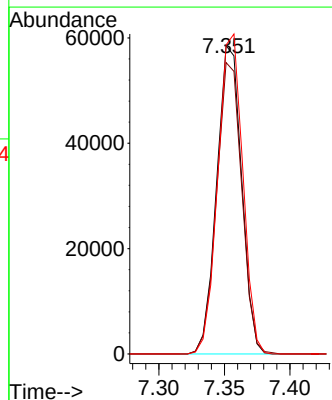
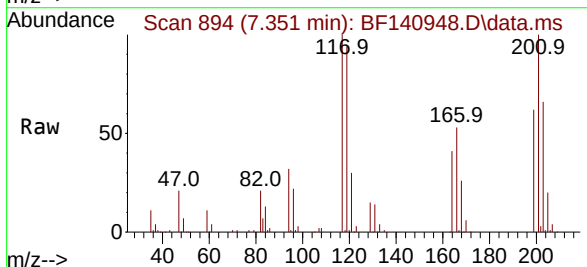
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

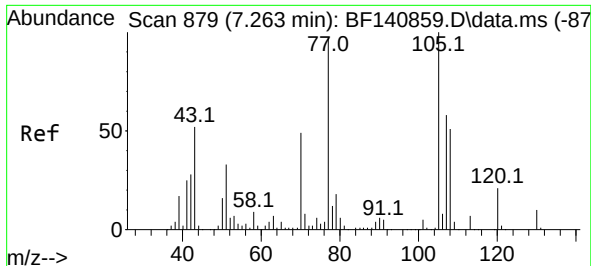
Tgt Ion:	107	Resp:	160183
Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.2	135.4
77	65.2	53.8	80.6
79	61.8	50.9	76.3



#18
Hexachloroethane
Concen: 48.978 ng
RT: 7.351 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:	117	Resp:	77377
Ion	Ratio	Lower	Upper
117	100		
119	94.5	77.4	116.0
201	100.2	83.4	125.0





#19

n-Nitroso-di-n-propylamine

Concen: 52.475 ng

RT: 7.263 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF140948.D

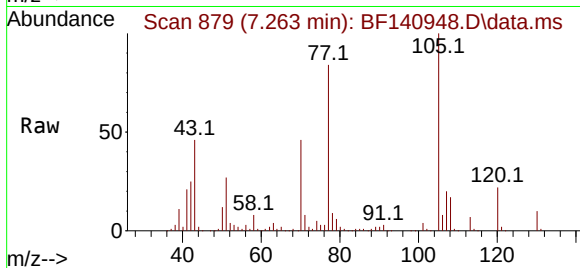
Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS



Tgt Ion: 70 Resp: 140269

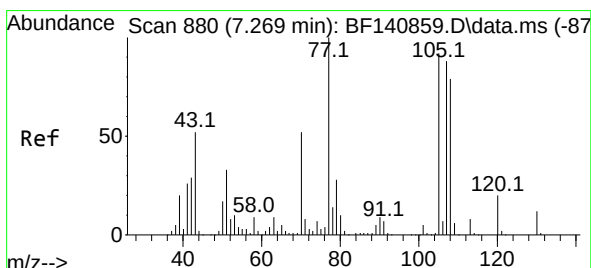
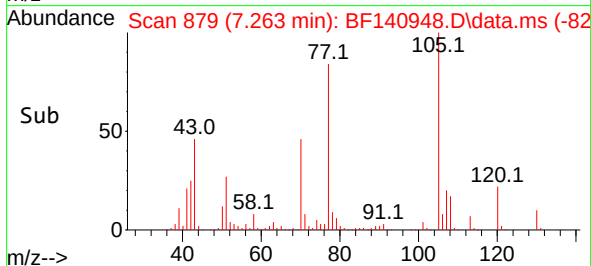
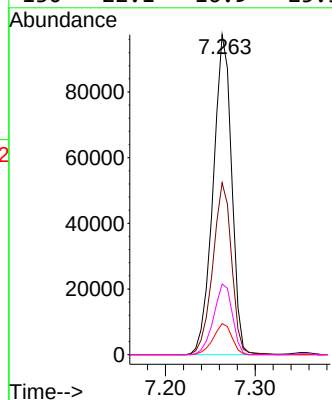
Ion	Ratio	Lower	Upper
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70	100		
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42	53.8	45.3	67.9
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101	9.7	8.0	12.0
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130	22.1	16.9	25.3
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#20

3+4-Methylphenols

Concen: 56.350 ng

RT: 7.275 min Scan# 881

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Tgt Ion:107 Resp: 218873

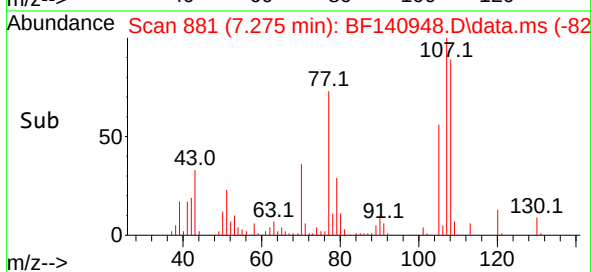
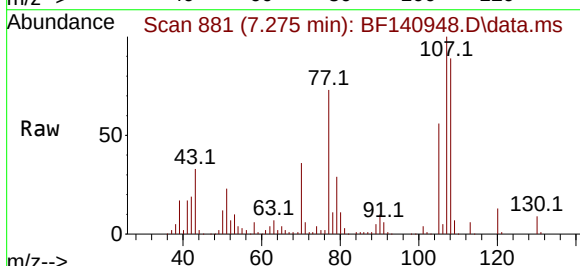
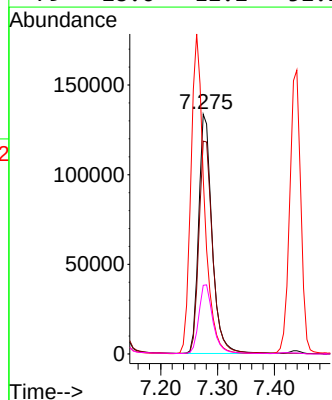
Ion	Ratio	Lower	Upper
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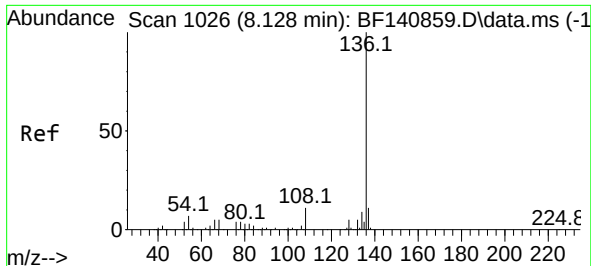
107	100		
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108	88.8	70.1	110.1
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77	73.3	94.4	134.4#
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79	28.6	12.2	52.2
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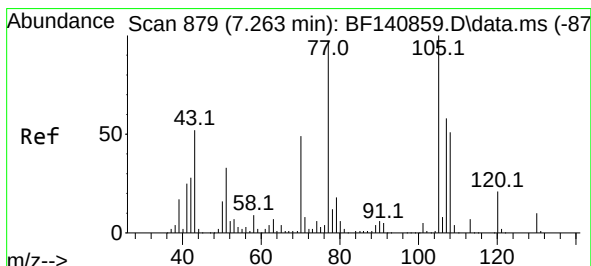
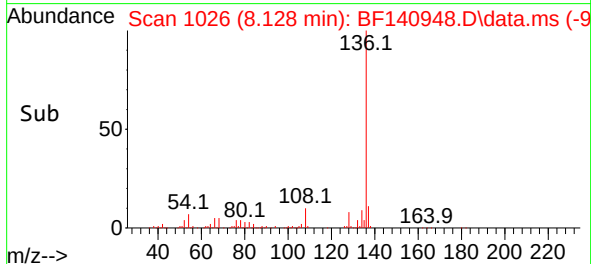
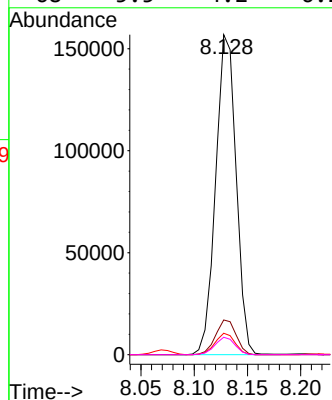
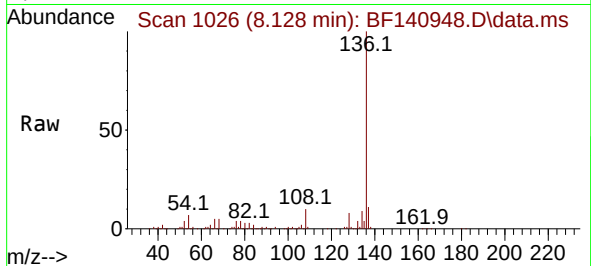




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

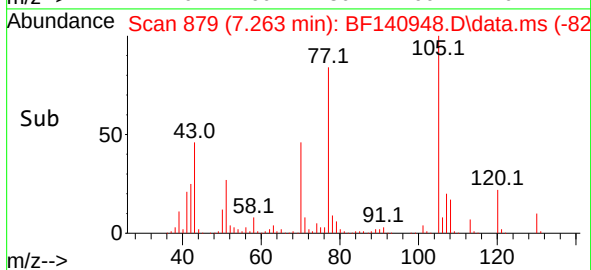
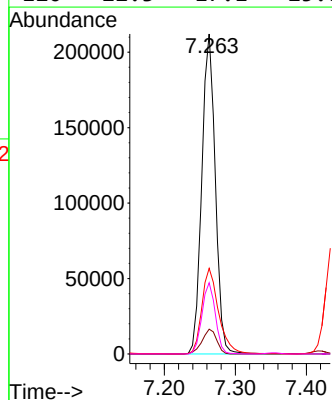
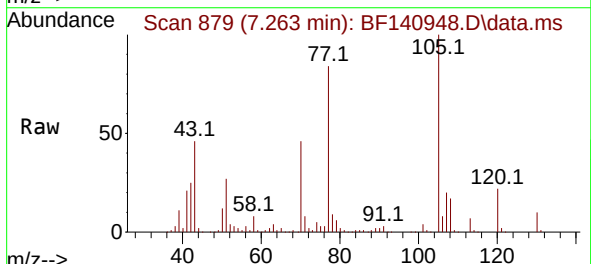
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

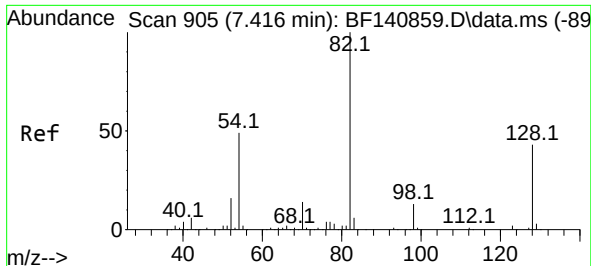
Tgt Ion:	136	Resp:	209218
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.4
54	6.7	5.6	8.4
68	5.5	4.2	6.2



#22
Acetophenone
Concen: 53.782 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:	105	Resp:	281478
Ion	Ratio	Lower	Upper
105	100		
71	7.8	6.2	9.4
51	26.7	26.3	39.5
120	22.3	17.1	25.7

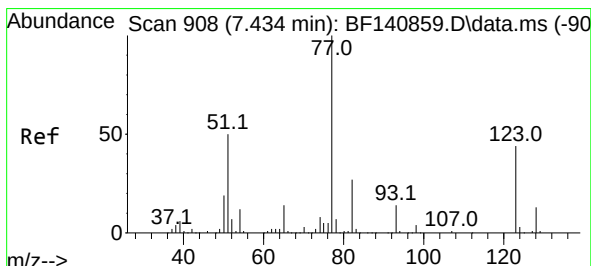
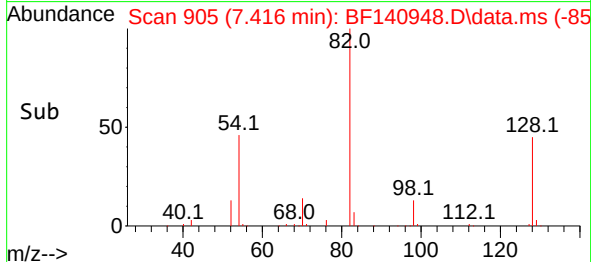
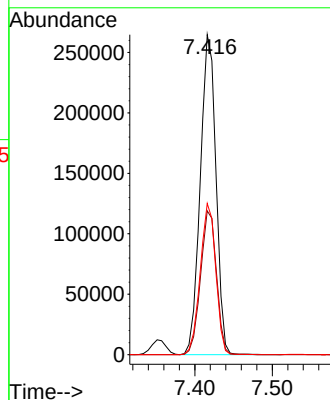
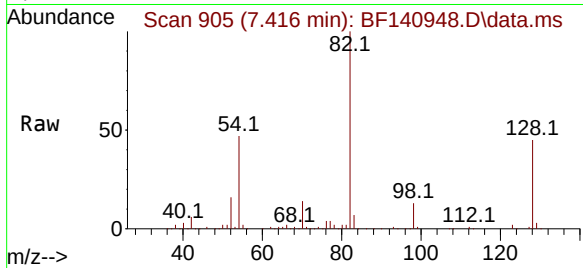




#23
 Nitrobenzene-d5
 Concen: 89.012 ng
 RT: 7.416 min Scan# 905
 Delta R.T. -0.000 min
 Lab File: BF140948.D
 Acq: 20 Dec 2024 14:10

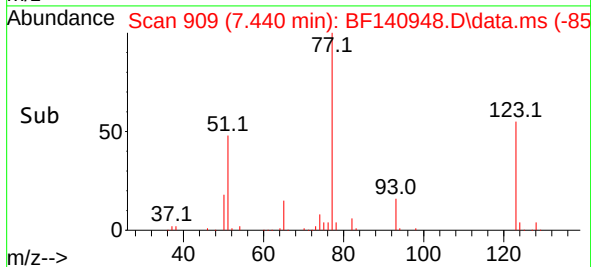
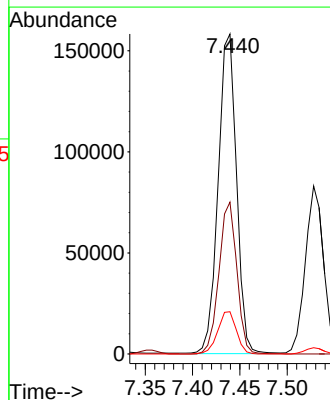
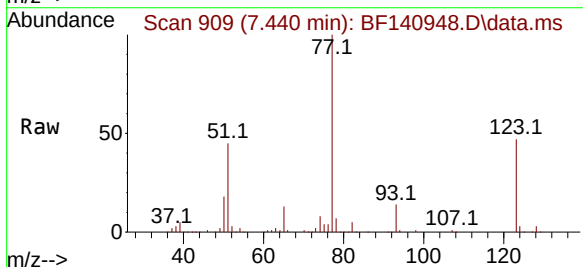
Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-11-121224MS

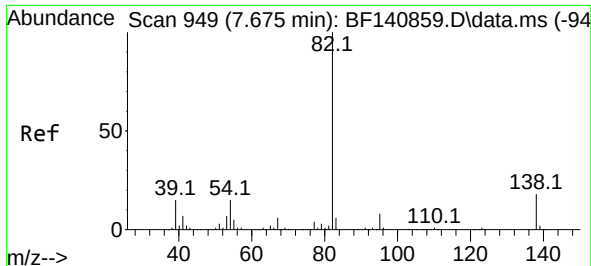
Tgt Ion: 82 Resp: 372228
 Ion Ratio Lower Upper
 82 100
 128 45.0 34.4 51.6
 54 47.2 38.8 58.2



#24
 Nitrobenzene
 Concen: 49.921 ng
 RT: 7.440 min Scan# 909
 Delta R.T. 0.006 min
 Lab File: BF140948.D
 Acq: 20 Dec 2024 14:10

Tgt Ion: 77 Resp: 213867
 Ion Ratio Lower Upper
 77 100
 123 47.5 35.0 52.4
 65 13.2 11.4 17.0

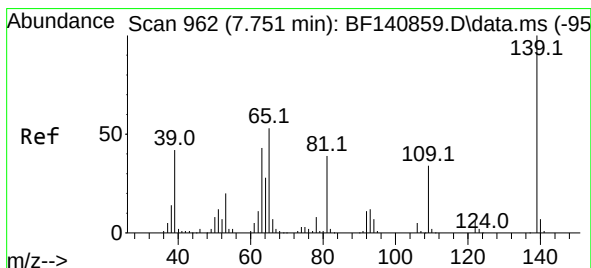
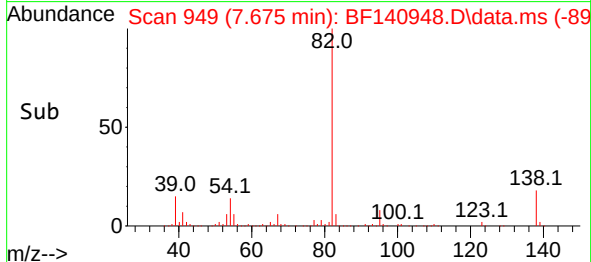
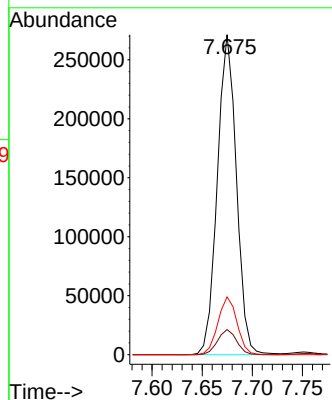
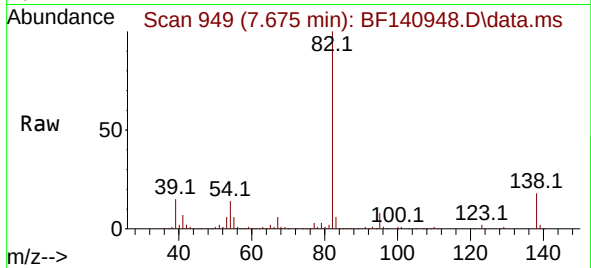




#25
Isophorone
Concen: 51.161 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

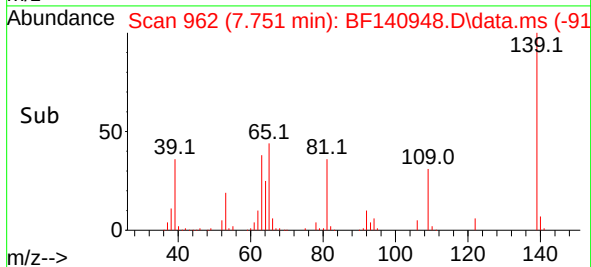
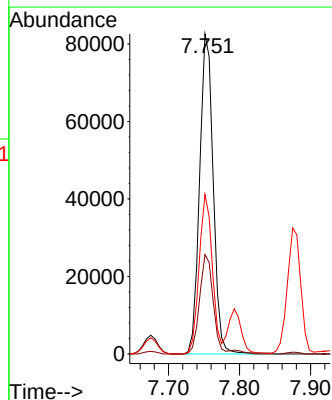
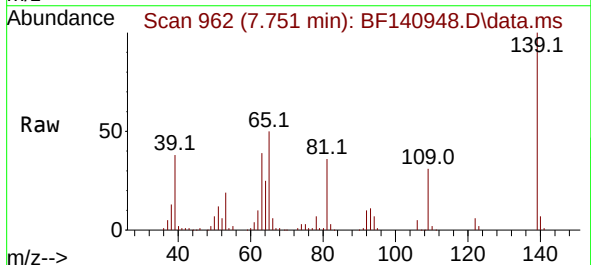
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

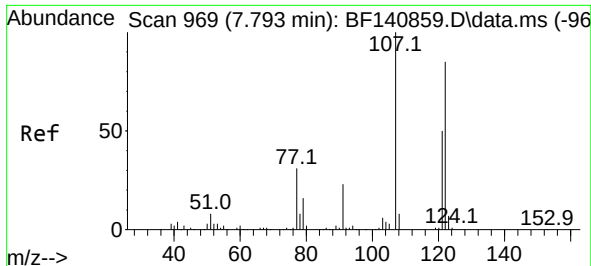
Tgt Ion: 82 Resp: 358474
Ion Ratio Lower Upper
82 100
95 7.9 6.3 9.5
138 18.1 14.1 21.1



#26
2-Nitrophenol
Concen: 55.813 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:139 Resp: 110125
Ion Ratio Lower Upper
139 100
109 31.1 26.9 40.3
65 49.8 42.6 64.0

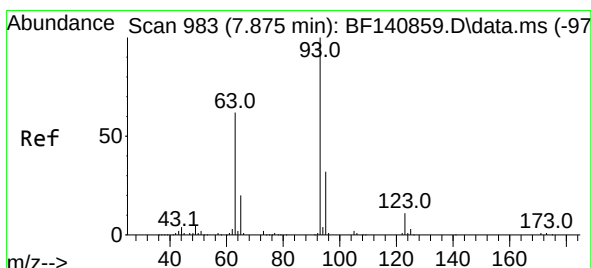
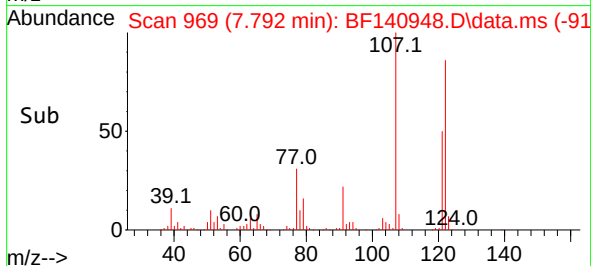
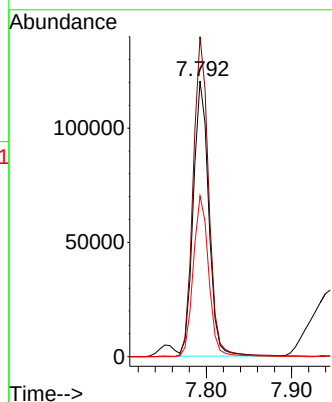
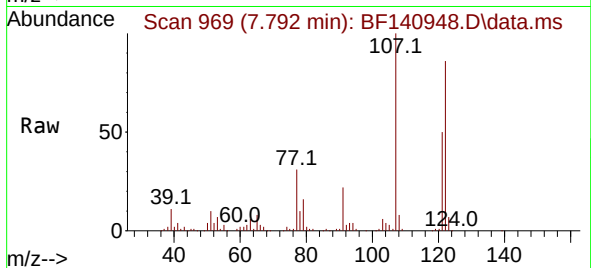




#27
2,4-Dimethylphenol
Concen: 65.624 ng
RT: 7.792 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

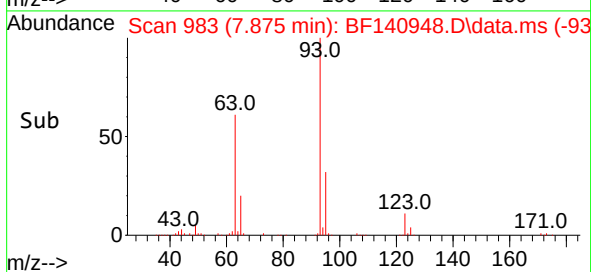
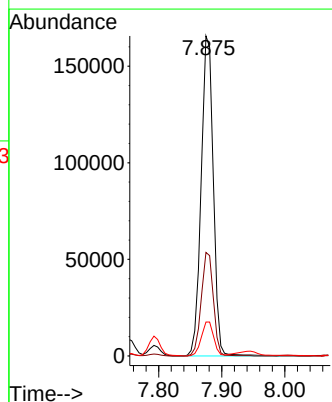
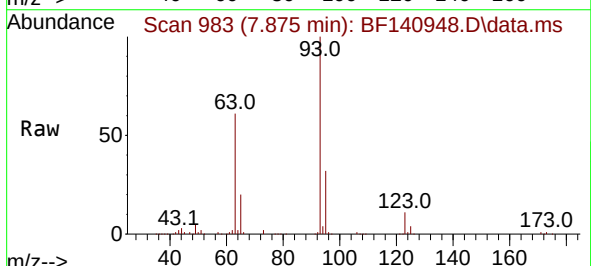
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

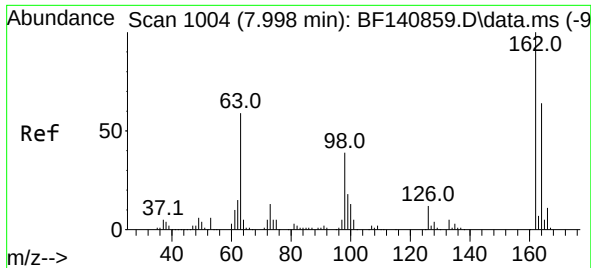
Tgt Ion:122 Resp: 151216
Ion Ratio Lower Upper
122 100
107 116.1 92.6 139.0
121 58.3 45.8 68.8



#28
bis(2-Chloroethoxy)methane
Concen: 50.641 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion: 93 Resp: 221616
Ion Ratio Lower Upper
93 100
95 32.4 25.3 37.9
123 10.6 8.6 13.0





#29

2,4-Dichlorophenol

Concen: 53.525 ng

RT: 8.004 min Scan# 1004

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

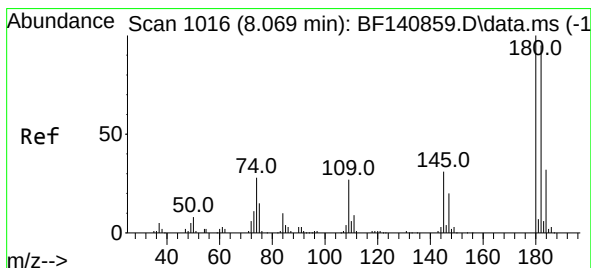
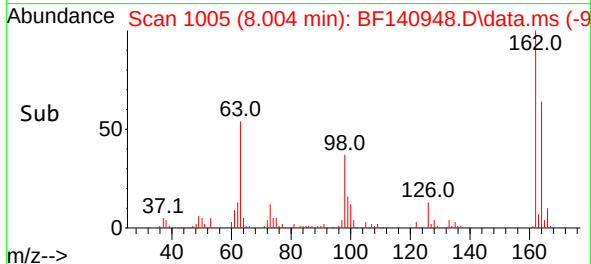
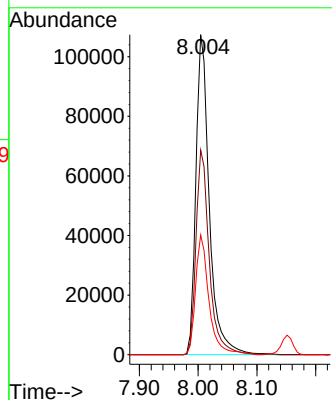
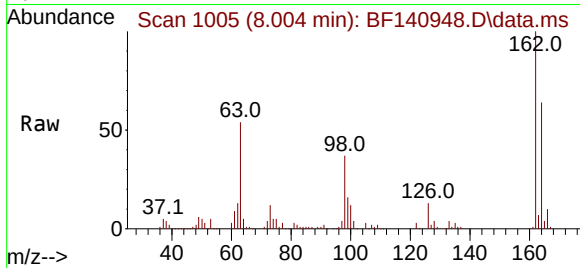
Tgt Ion:162 Resp: 170278

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

98 37.4 18.6 58.6



#30

1,2,4-Trichlorobenzene

Concen: 47.901 ng

RT: 8.075 min Scan# 1017

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

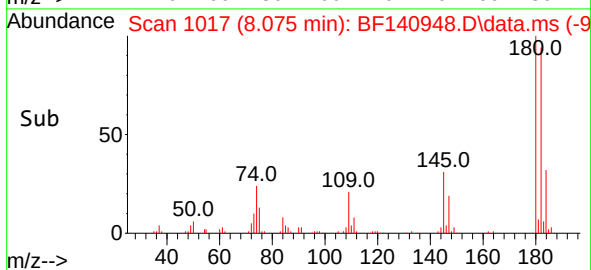
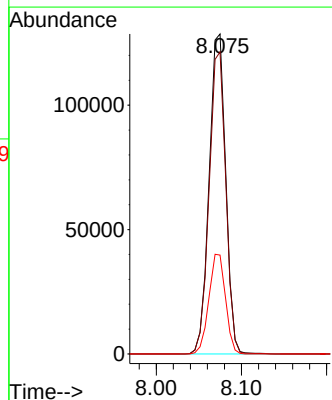
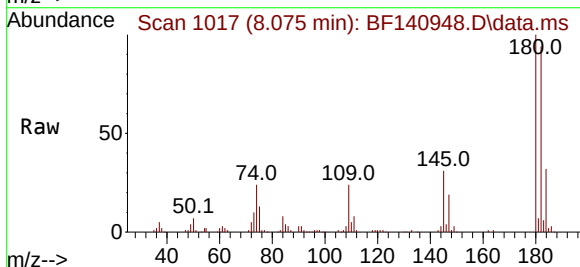
Tgt Ion:180 Resp: 174689

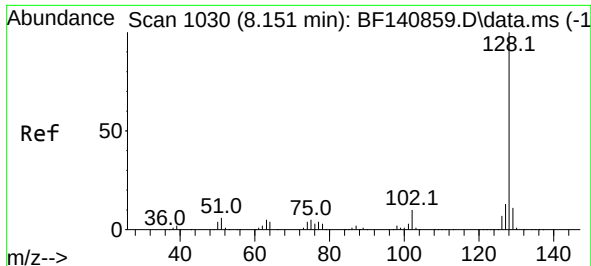
Ion Ratio Lower Upper

180 100

182 94.4 75.8 113.6

145 30.9 25.2 37.8

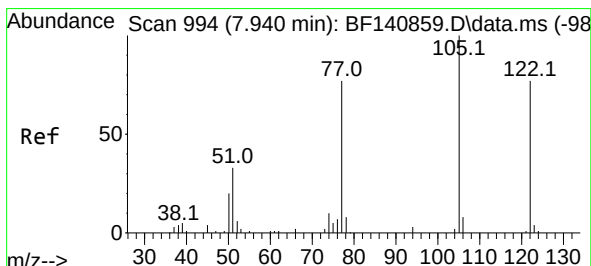
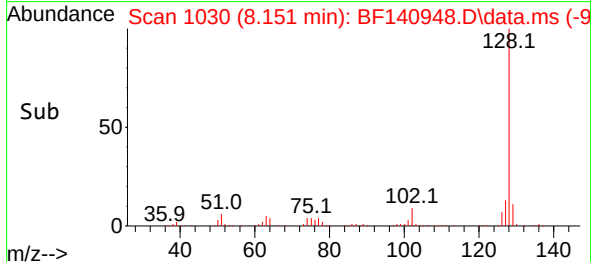
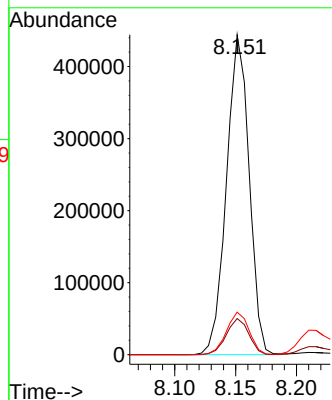
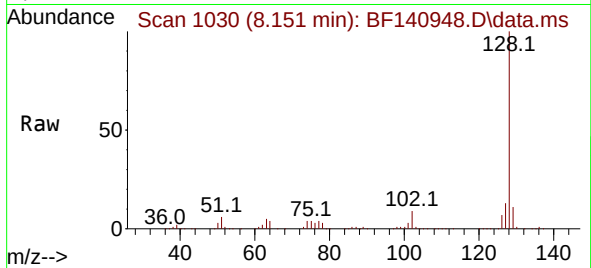




#31
Naphthalene
Concen: 50.150 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

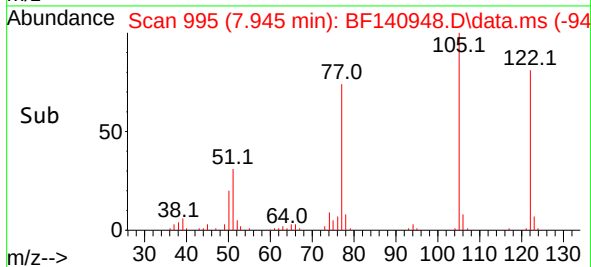
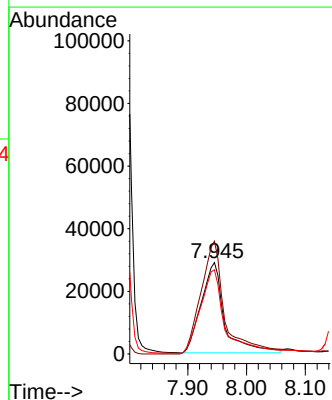
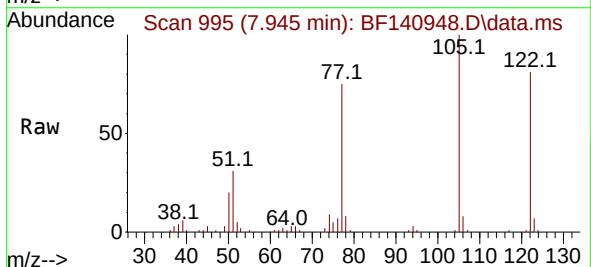
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

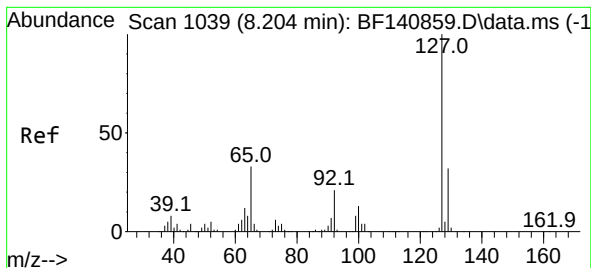
Tgt Ion:128 Resp: 576356
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 16.0



#32
Benzoic acid
Concen: 36.568 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.005 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:122 Resp: 79916
Ion Ratio Lower Upper
122 100
105 123.4 108.3 148.3
77 92.2 78.8 118.8





#33

4-Chloroaniline

Concen: 22.717 ng

RT: 8.210 min Scan# 1040

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

Tgt Ion:127 Resp: 86711

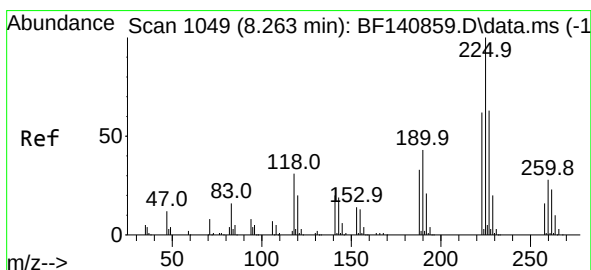
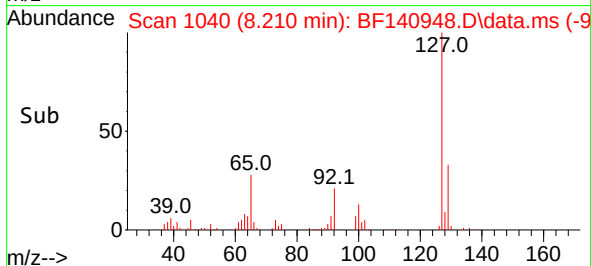
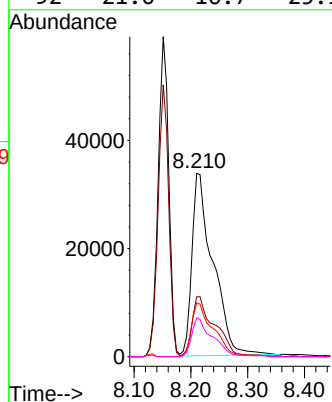
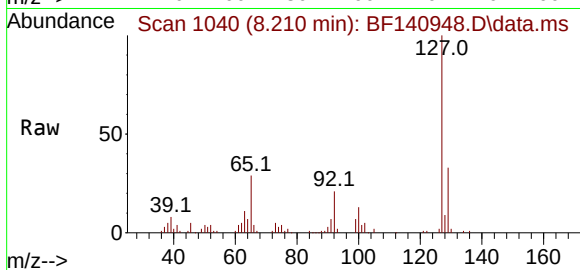
Ion Ratio Lower Upper

127 100

129 32.7 26.0 39.0

65 29.4 26.0 39.0

92 21.0 16.7 25.1



#34

Hexachlorobutadiene

Concen: 45.808 ng

RT: 8.263 min Scan# 1049

Delta R.T. -0.000 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

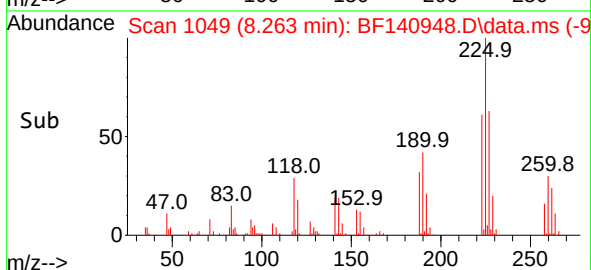
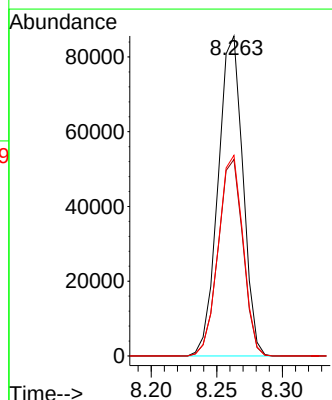
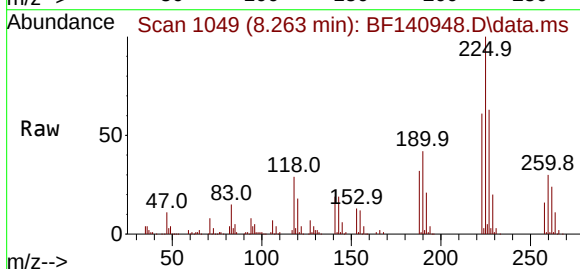
Tgt Ion:225 Resp: 112396

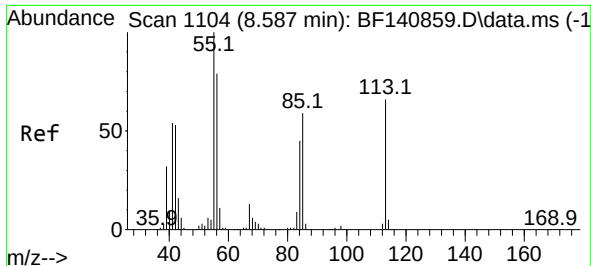
Ion Ratio Lower Upper

225 100

223 61.4 49.6 74.4

227 62.7 50.7 76.1

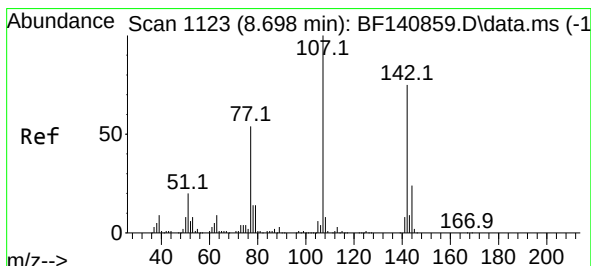
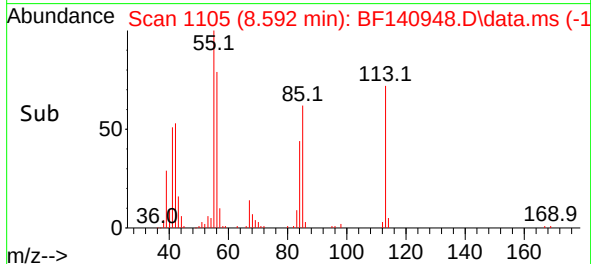
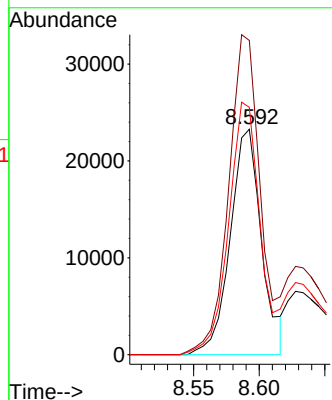
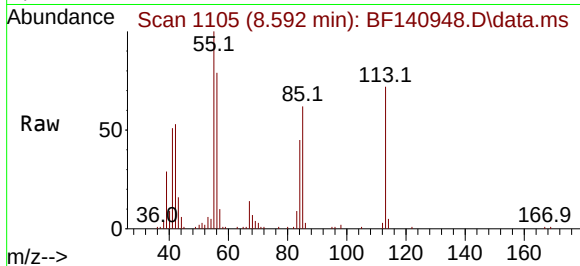




#35
Caprolactam
Concen: 40.675 ng
RT: 8.592 min Scan# 1105
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

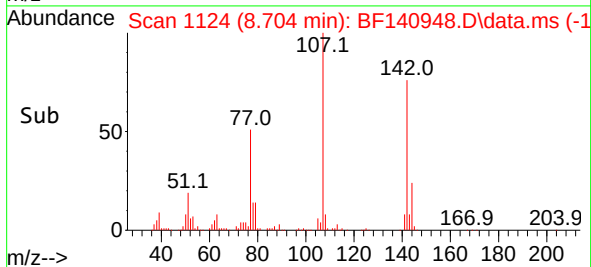
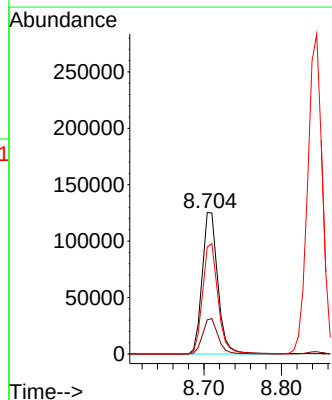
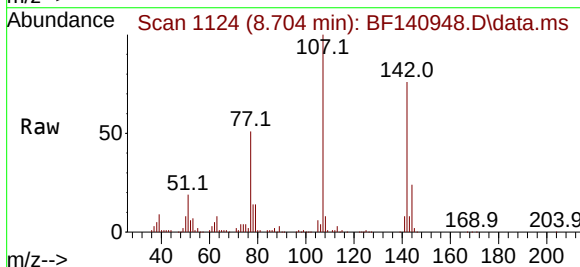
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

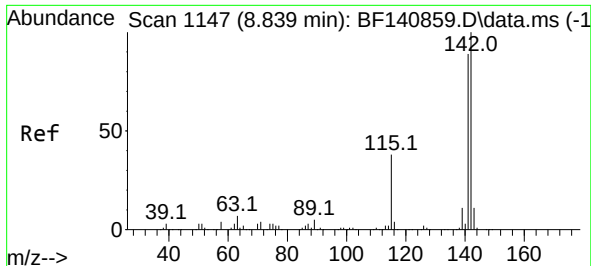
Tgt Ion:113 Resp: 38523
Ion Ratio Lower Upper
113 100
55 139.4 132.3 172.3
56 109.8 100.3 140.3



#36
4-Chloro-3-methylphenol
Concen: 49.233 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:107 Resp: 176282
Ion Ratio Lower Upper
107 100
144 24.2 19.4 29.2
142 75.8 60.3 90.5

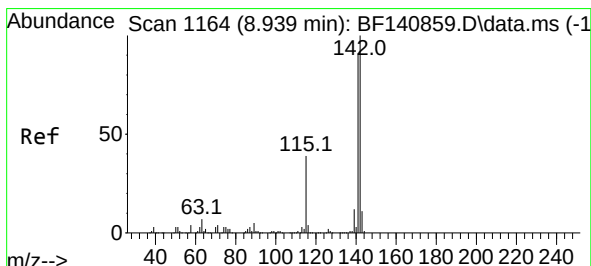
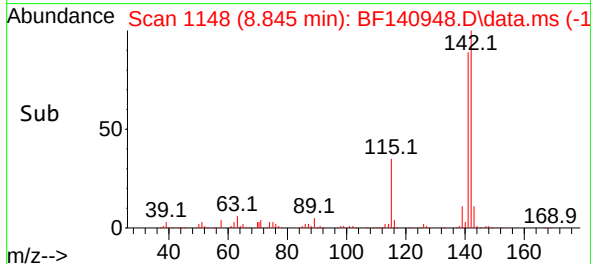
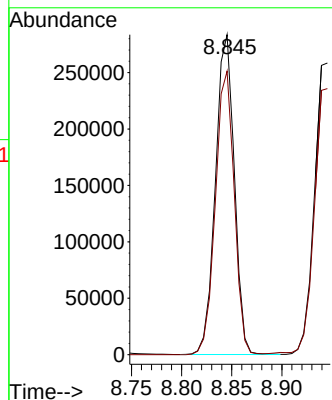
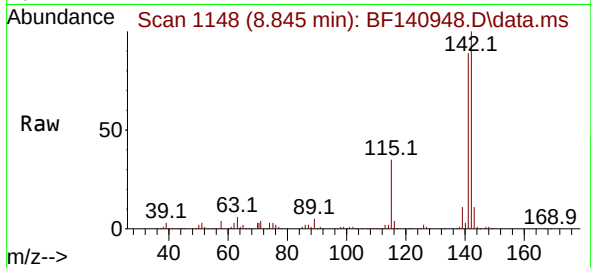




#37
2-Methylnaphthalene
Concen: 48.635 ng
RT: 8.845 min Scan# 1147
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

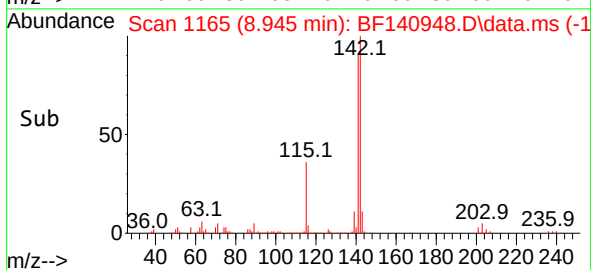
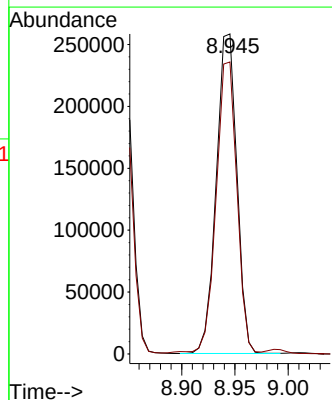
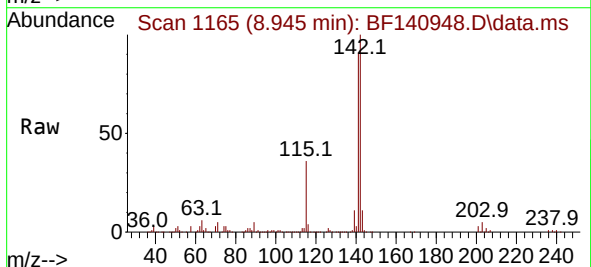
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

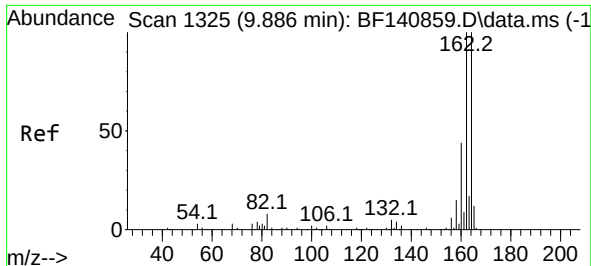
Tgt Ion:142 Resp: 369738
Ion Ratio Lower Upper
142 100
141 88.6 71.0 106.6



#38
1-Methylnaphthalene
Concen: 46.215 ng
RT: 8.945 min Scan# 1165
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:142 Resp: 347475
Ion Ratio Lower Upper
142 100
141 91.2 73.4 110.0

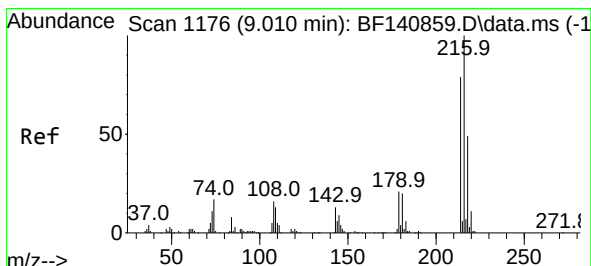
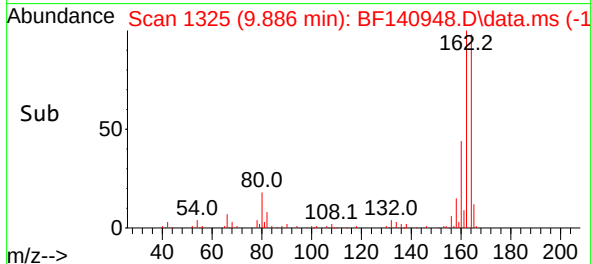
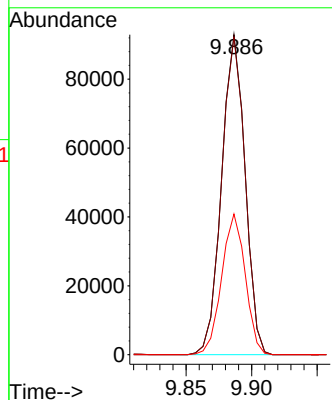
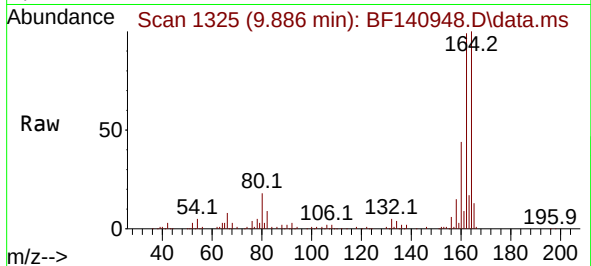




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

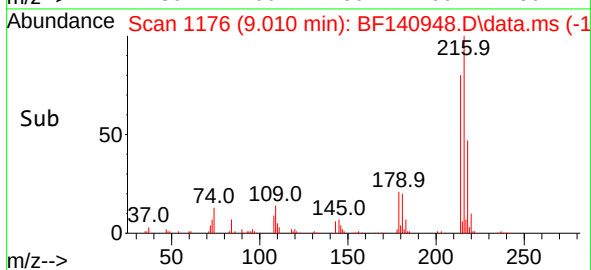
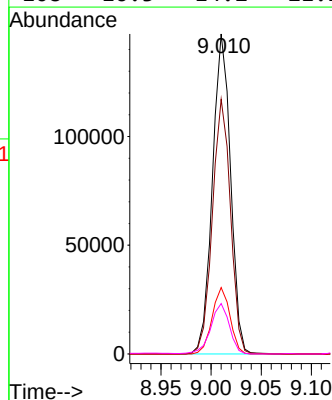
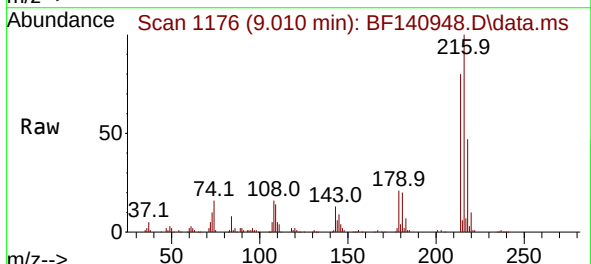
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

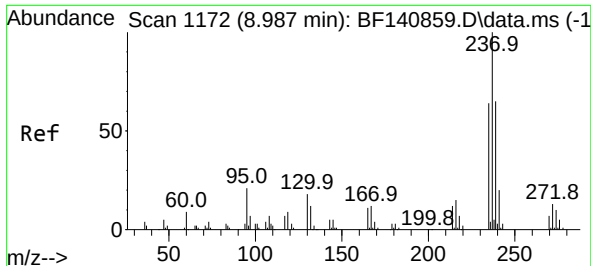
Tgt Ion:164 Resp: 115521
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 43.9 35.2 52.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.053 ng
RT: 9.010 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:216 Resp: 184825
Ion Ratio Lower Upper
216 100
214 79.4 63.6 95.4
179 20.4 17.0 25.4
108 16.3 14.2 21.2

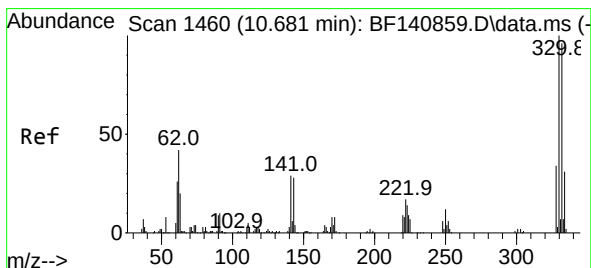
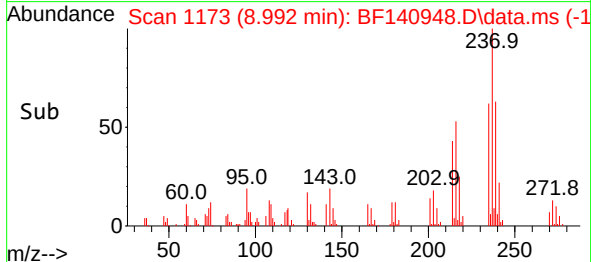
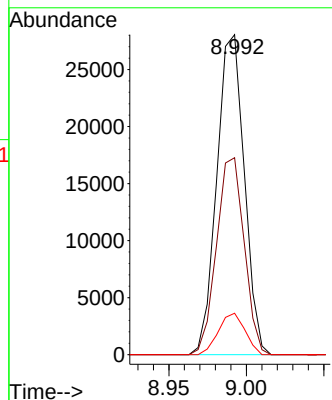
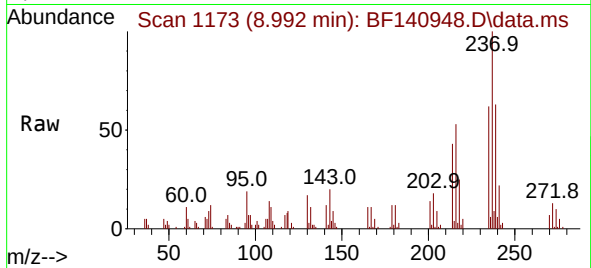




#41
Hexachlorocyclopentadiene
Concen: 40.992 ng
RT: 8.992 min Scan# 1173
Delta R.T. 0.005 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

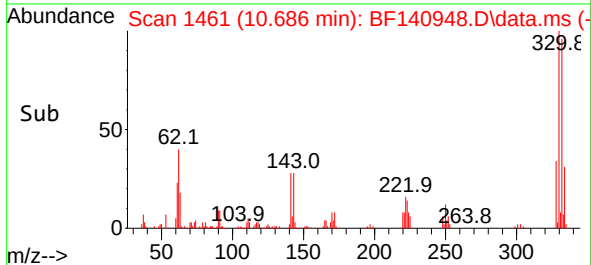
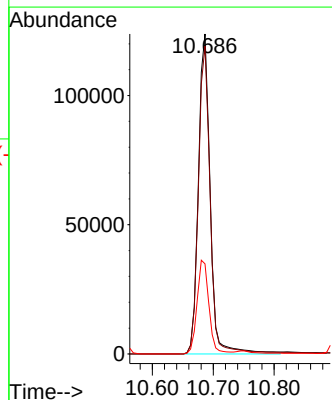
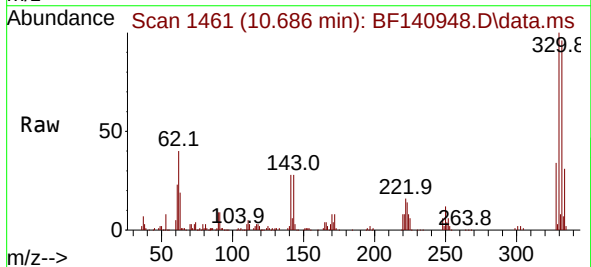
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

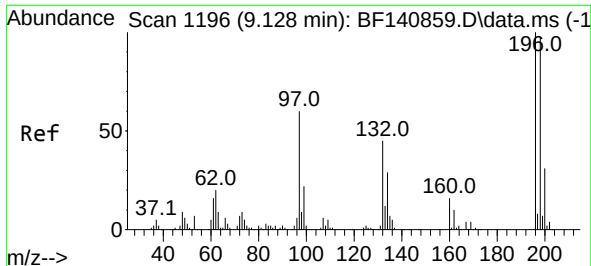
Tgt Ion:237 Resp: 34644
Ion Ratio Lower Upper
237 100
235 61.5 43.7 83.7
272 12.9 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 122.376 ng
RT: 10.686 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:330 Resp: 167201
Ion Ratio Lower Upper
330 100
332 97.0 76.2 114.4
141 29.4 24.9 37.3

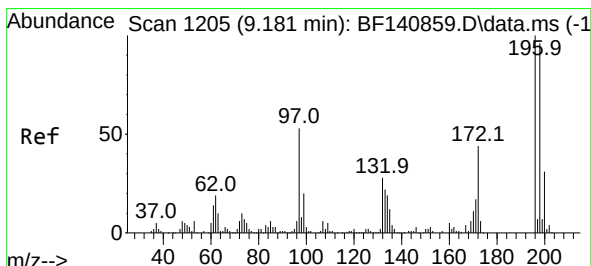
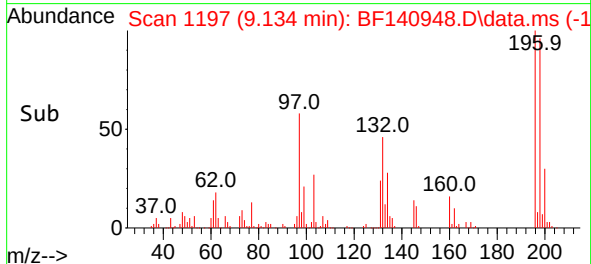
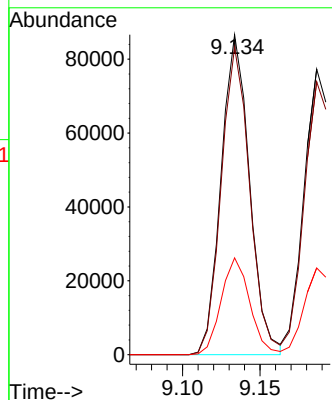
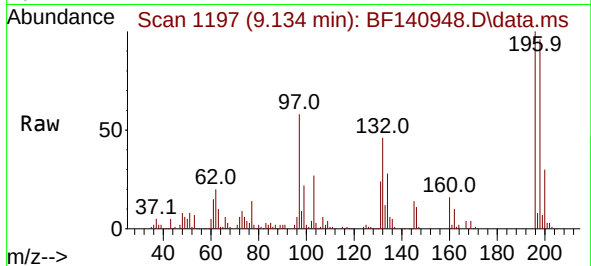




#43
2,4,6-Trichlorophenol
Concen: 50.964 ng
RT: 9.134 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

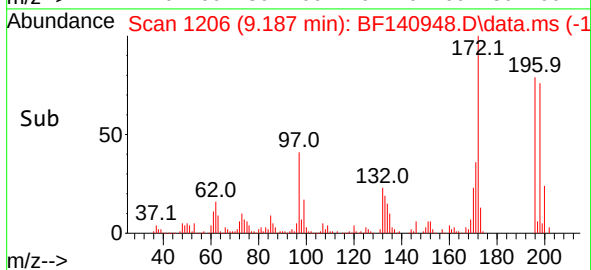
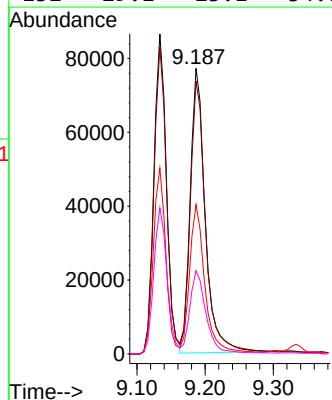
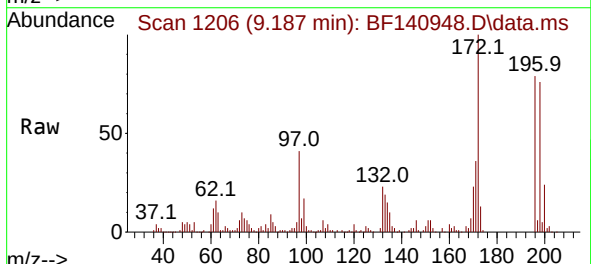
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

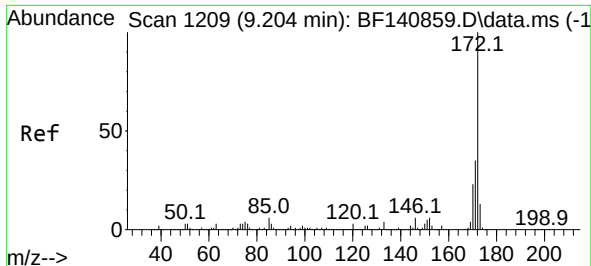
Tgt Ion:196 Resp: 110805
Ion Ratio Lower Upper
196 100
198 96.0 77.4 116.0
200 30.2 24.5 36.7



#44
2,4,5-Trichlorophenol
Concen: 49.337 ng
RT: 9.187 min Scan# 1206
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:196 Resp: 117901
Ion Ratio Lower Upper
196 100
198 95.6 77.2 115.8
97 52.3 42.2 63.4
132 29.1 23.1 34.7

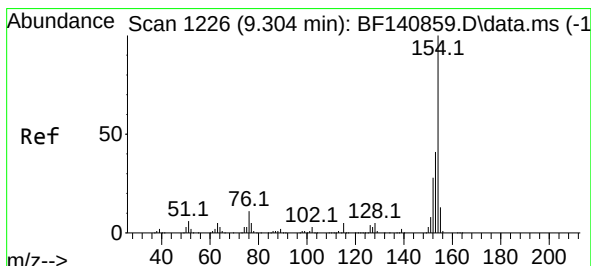
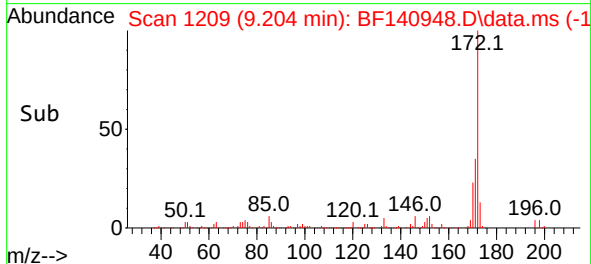
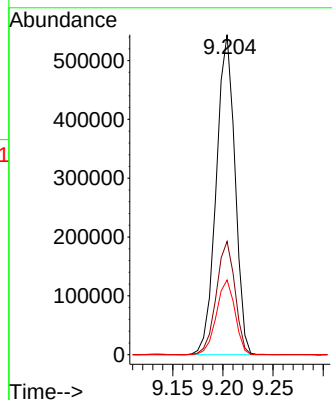
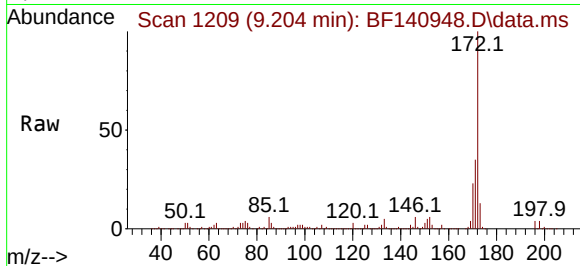




#45
2-Fluorobiphenyl
Concen: 83.953 ng
RT: 9.204 min Scan# 1209
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

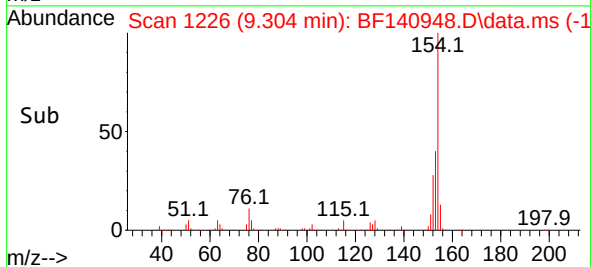
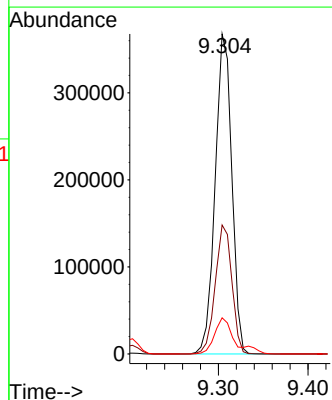
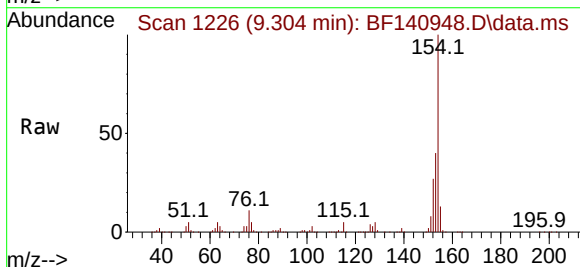
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

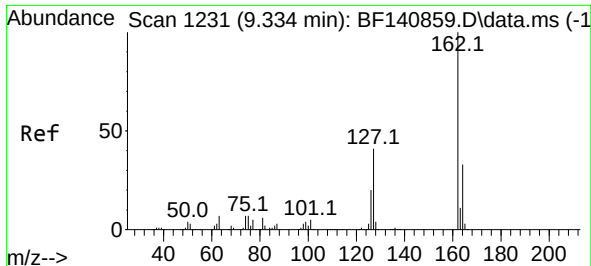
Tgt Ion:172 Resp: 705412
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 18.6 28.0



#46
1,1'-Biphenyl
Concen: 51.455 ng
RT: 9.304 min Scan# 1226
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:154 Resp: 472666
Ion Ratio Lower Upper
154 100
153 40.3 20.8 60.8
76 11.3 0.0 31.0

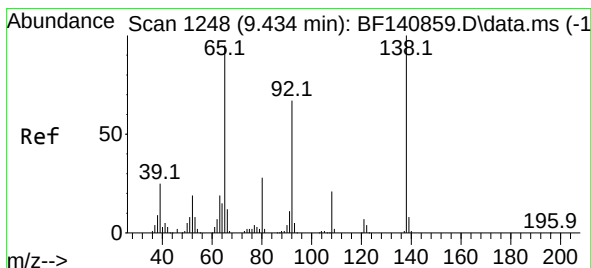
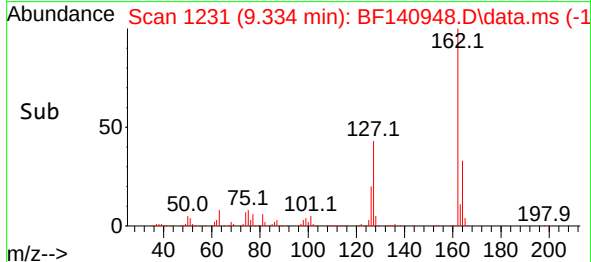
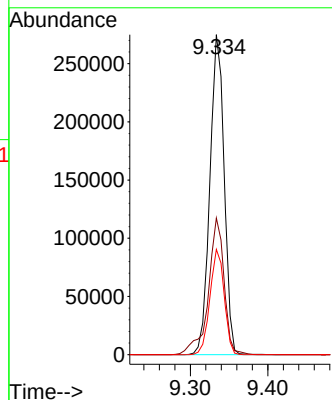
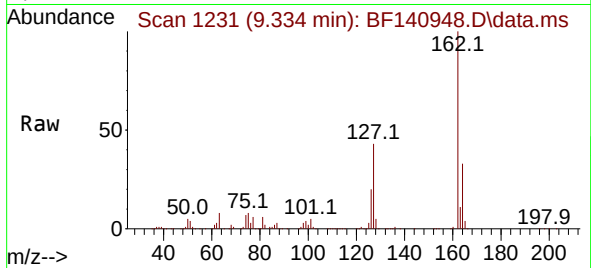




#47
2-Chloronaphthalene
Concen: 50.113 ng
RT: 9.334 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

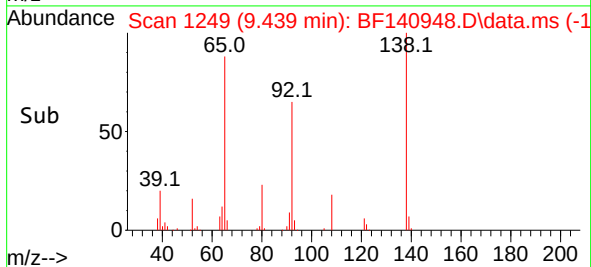
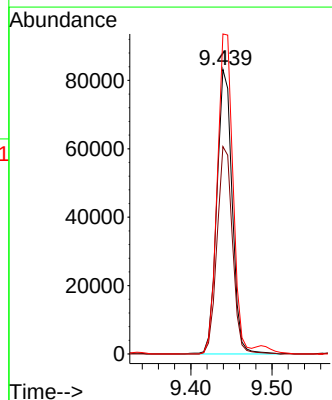
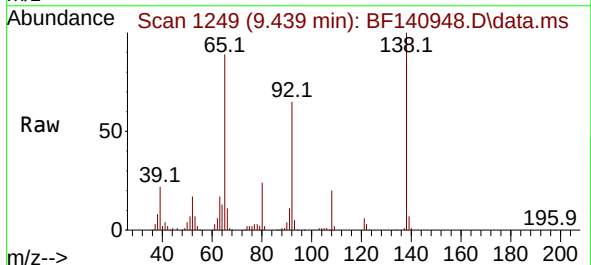
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

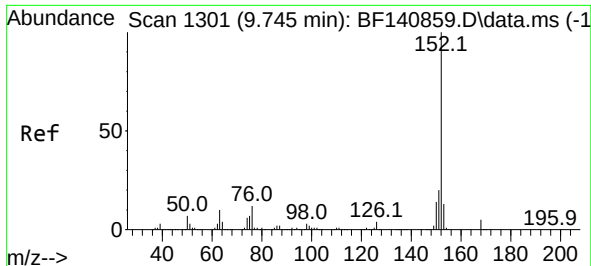
Tgt Ion:162 Resp: 352165
Ion Ratio Lower Upper
162 100
127 42.7 33.5 50.3
164 32.9 26.2 39.2



#48
2-Nitroaniline
Concen: 51.395 ng
RT: 9.439 min Scan# 1249
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion: 65 Resp: 109079
Ion Ratio Lower Upper
65 100
92 72.9 56.3 84.5
138 112.5 83.8 125.6

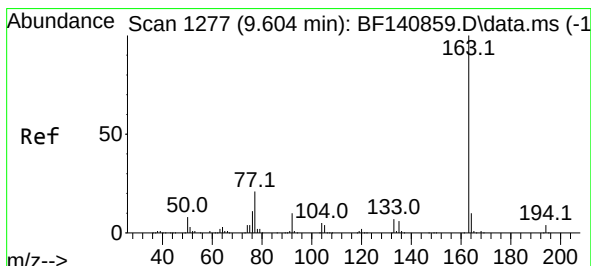
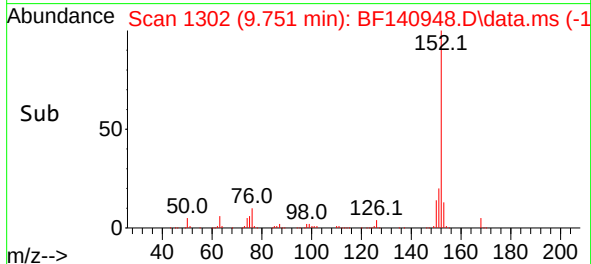
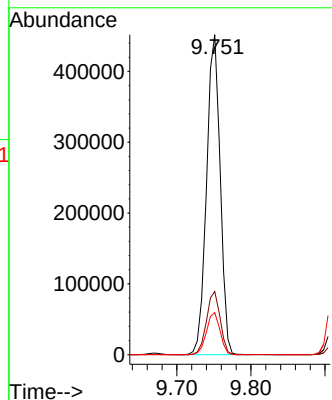
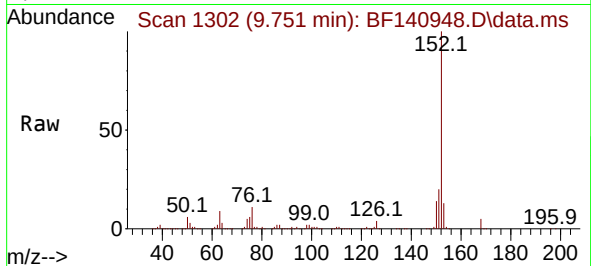




#49
Acenaphthylene
Concen: 55.834 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

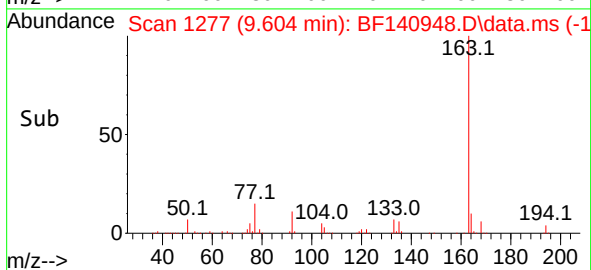
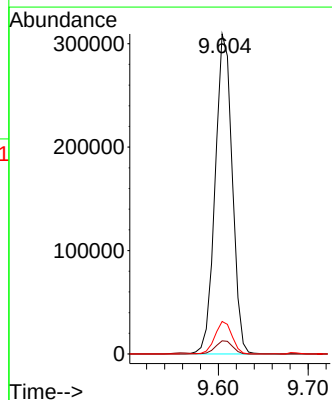
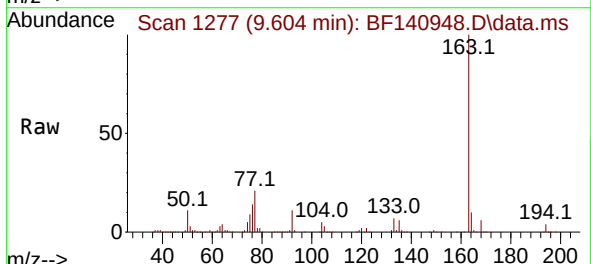
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

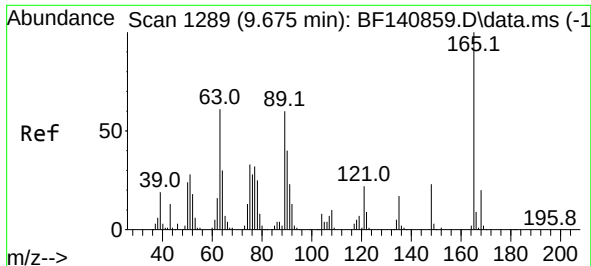
Tgt Ion:152 Resp: 576620
Ion Ratio Lower Upper
152 100
151 19.7 16.0 24.0
153 13.1 10.6 16.0



#50
Dimethylphthalate
Concen: 50.222 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:163 Resp: 409034
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.1 12.1

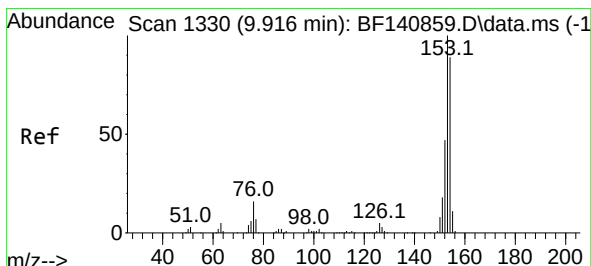
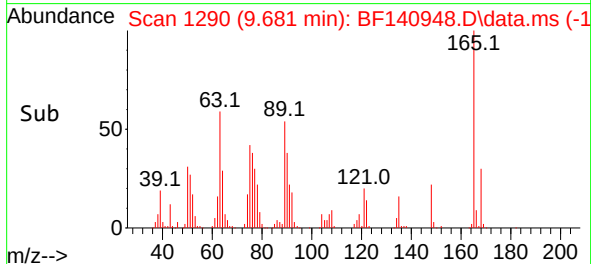
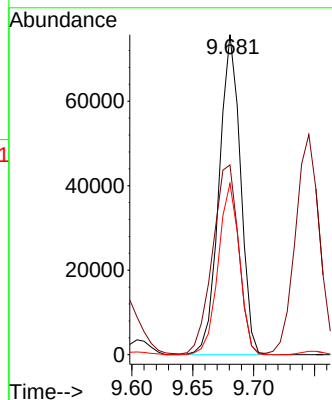
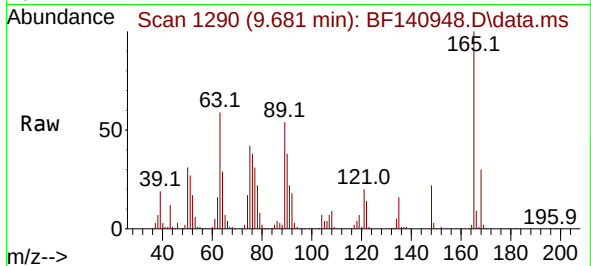




#51
2,6-Dinitrotoluene
Concen: 49.668 ng
RT: 9.681 min Scan# 1289
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

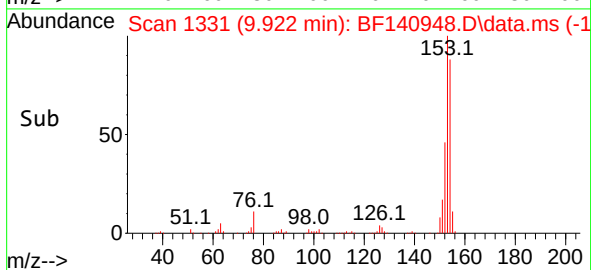
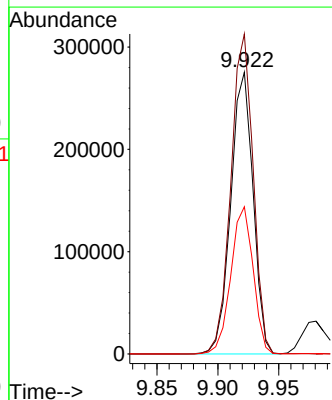
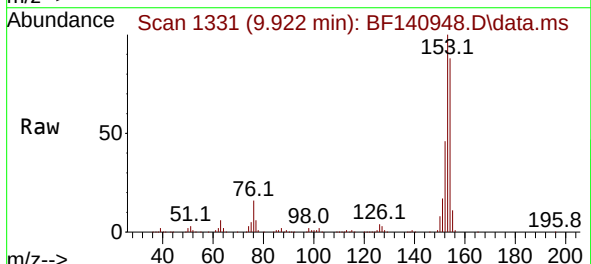
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

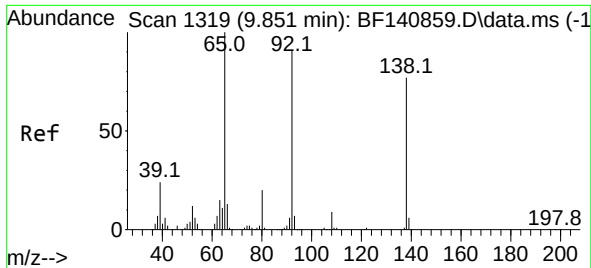
Tgt Ion:165 Resp: 92478
Ion Ratio Lower Upper
165 100
63 59.3 49.7 74.5
89 53.5 48.2 72.4



#52
Acenaphthene
Concen: 53.237 ng
RT: 9.922 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:154 Resp: 351200
Ion Ratio Lower Upper
154 100
153 113.6 89.9 134.9
152 52.3 42.6 63.8

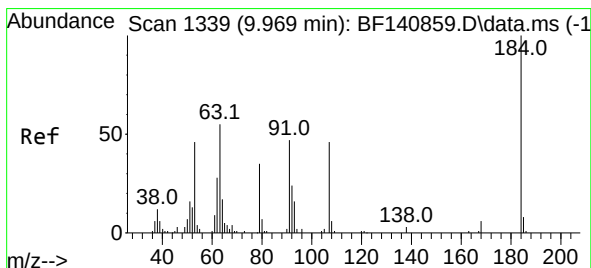
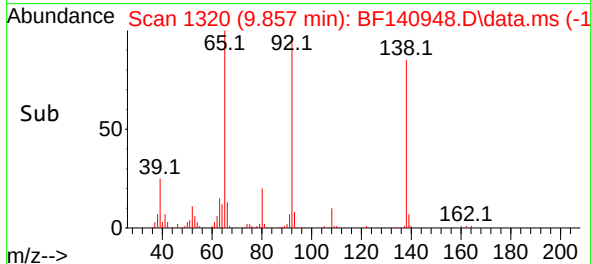
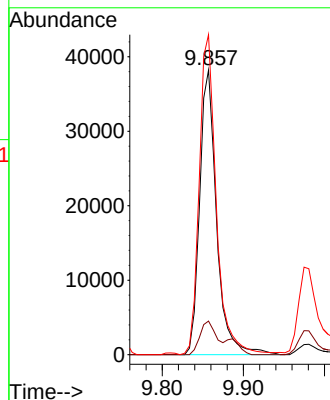
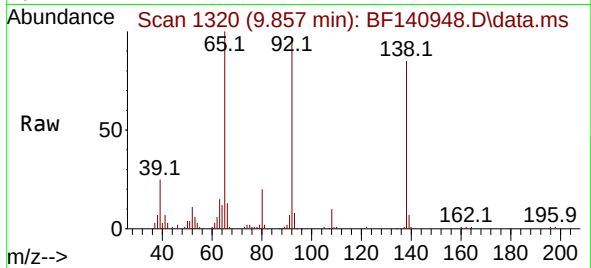




#53
3-Nitroaniline
Concen: 30.057 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

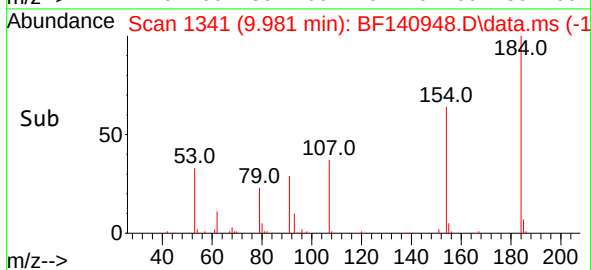
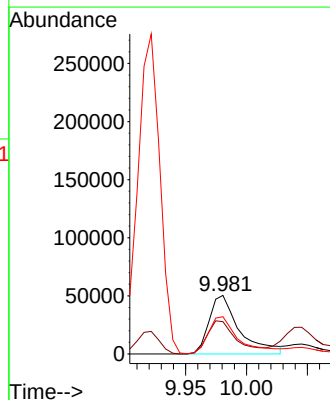
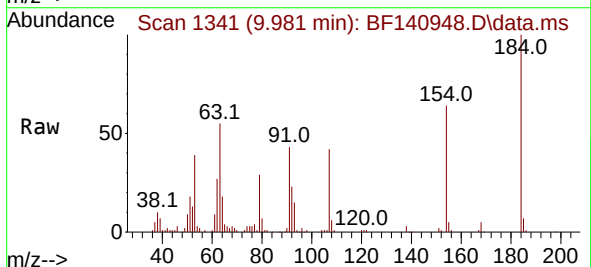
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

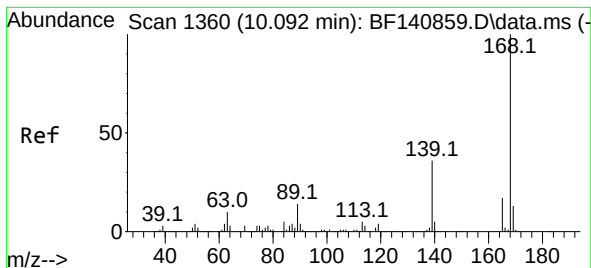
Tgt Ion:138 Resp: 55538
Ion Ratio Lower Upper
138 100
108 11.8 9.0 13.4
92 112.5 95.5 143.3



#54
2,4-Dinitrophenol
Concen: 95.155 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:184 Resp: 87671
Ion Ratio Lower Upper
184 100
63 55.3 51.6 77.4
154 63.7 56.1 84.1





#55

Dibenzenofuran

Concen: 52.577 ng

RT: 10.092 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

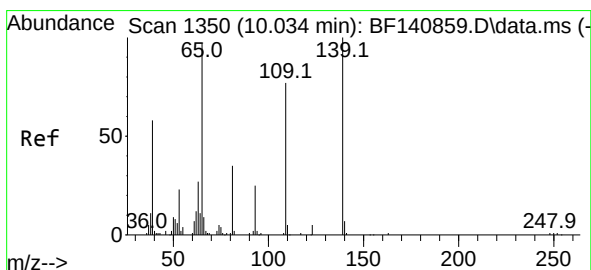
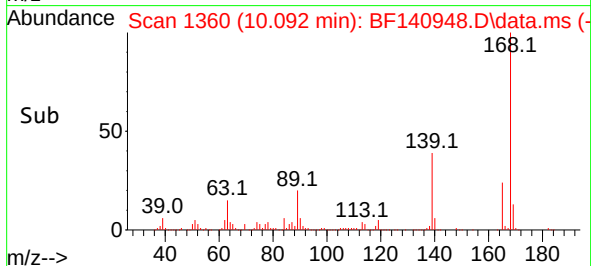
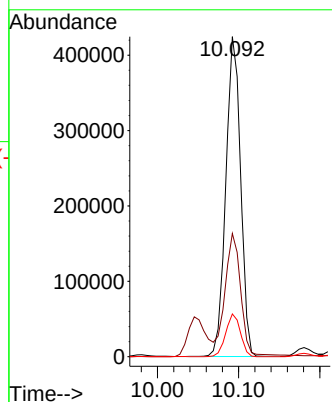
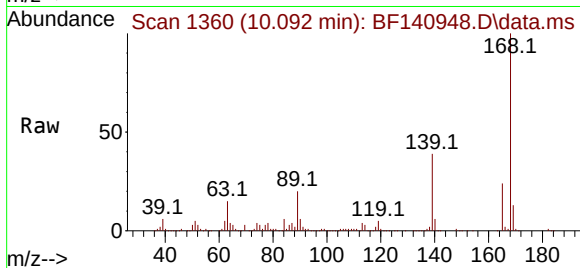
Tgt Ion:168 Resp: 537457

Ion Ratio Lower Upper

168 100

139 38.5 31.1 46.7

169 13.4 10.6 16.0



#56

4-Nitrophenol

Concen: 83.625 ng

RT: 10.045 min Scan# 1352

Delta R.T. 0.011 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

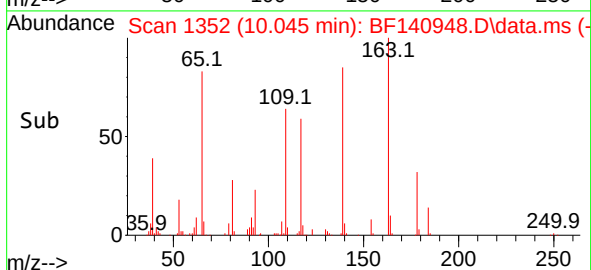
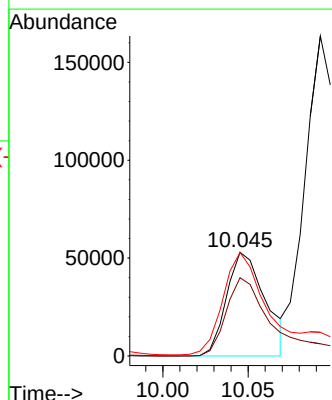
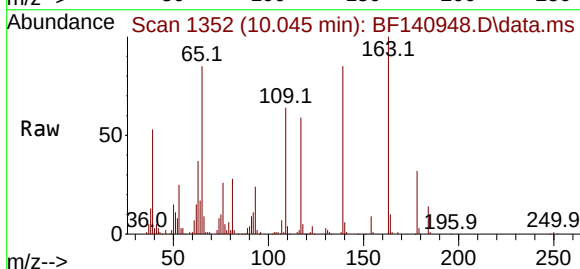
Tgt Ion:139 Resp: 83327

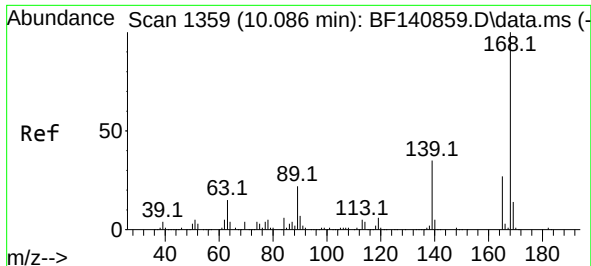
Ion Ratio Lower Upper

139 100

109 75.4 56.7 96.7

65 99.8 78.1 118.1

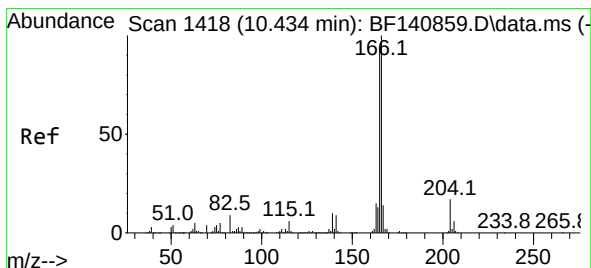
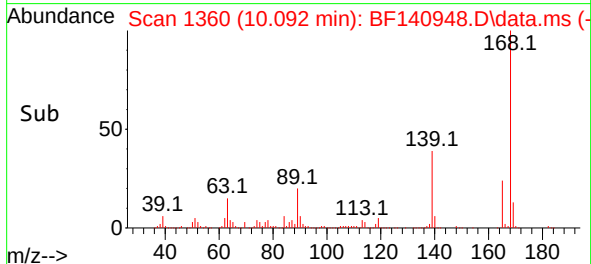
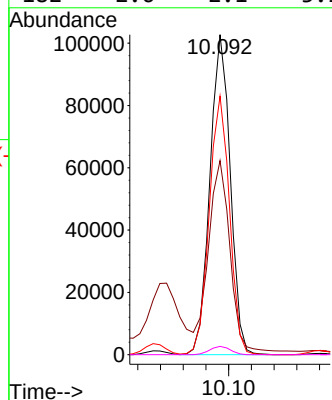
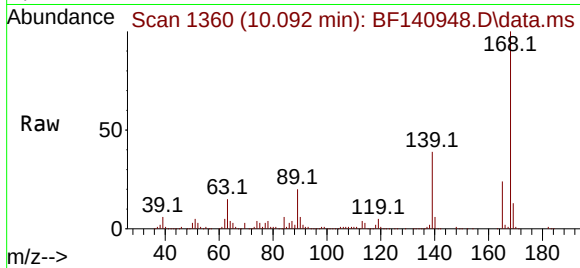




#57
2,4-Dinitrotoluene
Concen: 52.166 ng
RT: 10.092 min Scan# 1360
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

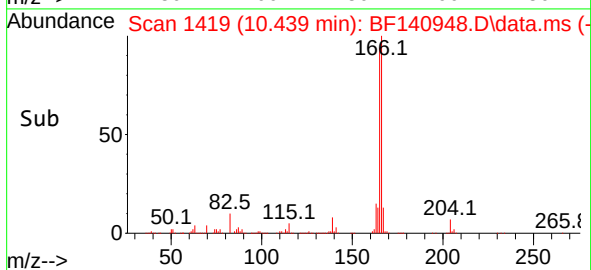
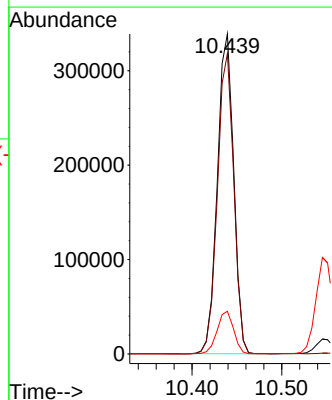
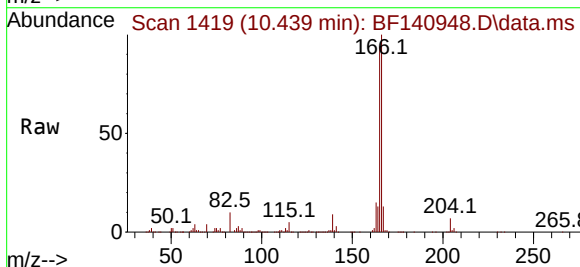
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

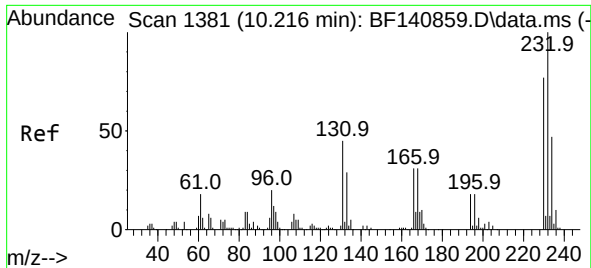
Tgt Ion:165 Resp: 127795
Ion Ratio Lower Upper
165 100
63 60.7 49.3 73.9
89 80.8 66.2 99.4
182 2.6 2.1 3.1



#58
Fluorene
Concen: 50.841 ng
RT: 10.439 min Scan# 1419
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:166 Resp: 428757
Ion Ratio Lower Upper
166 100
165 93.9 75.1 112.7
167 13.3 11.1 16.7

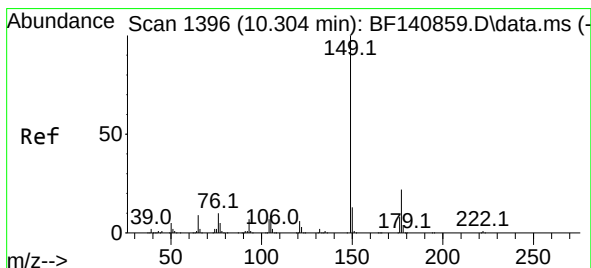
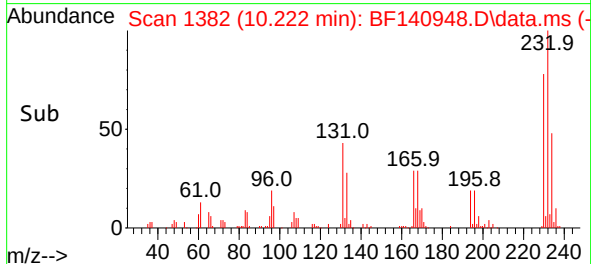
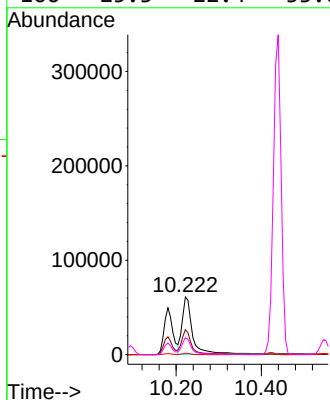
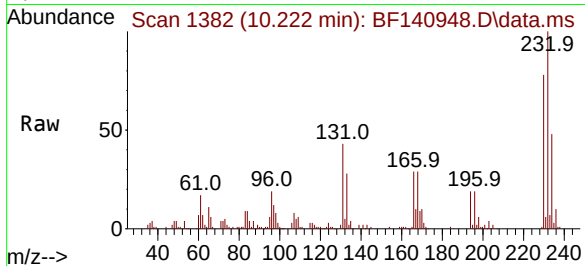




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.272 ng
RT: 10.222 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

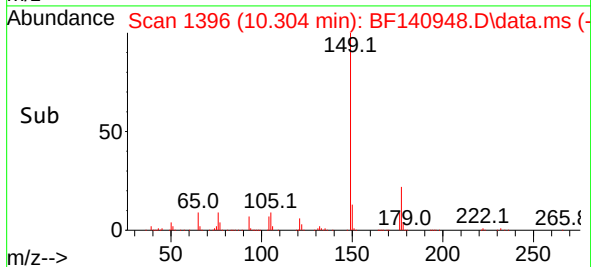
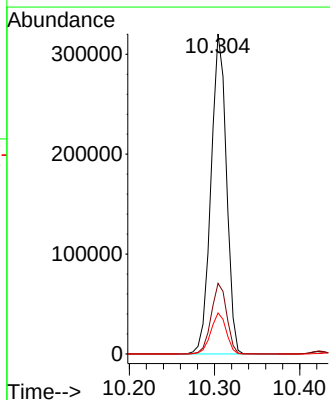
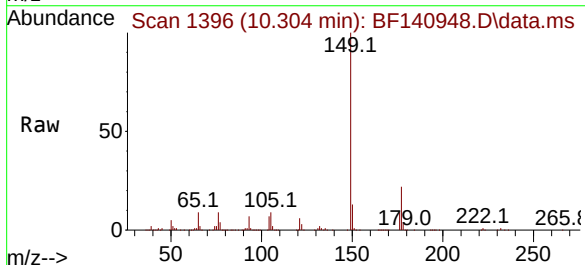
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

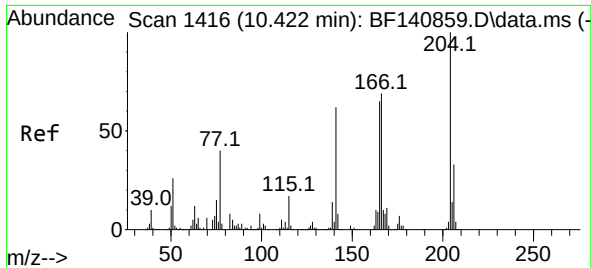
Tgt Ion:232 Resp: 101786
Ion Ratio Lower Upper
232 100
131 37.4 35.1 52.7
130 2.3 1.8 2.8
166 25.3 22.4 33.6



#60
Diethylphthalate
Concen: 47.990 ng
RT: 10.304 min Scan# 1396
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:149 Resp: 405299
Ion Ratio Lower Upper
149 100
177 22.1 17.2 25.8
150 12.8 10.1 15.1

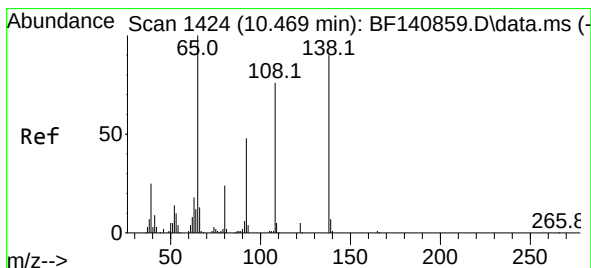
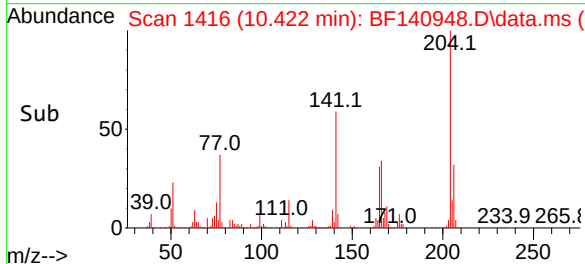
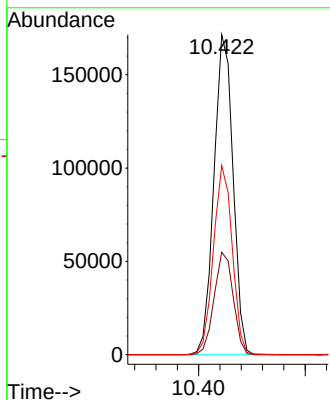
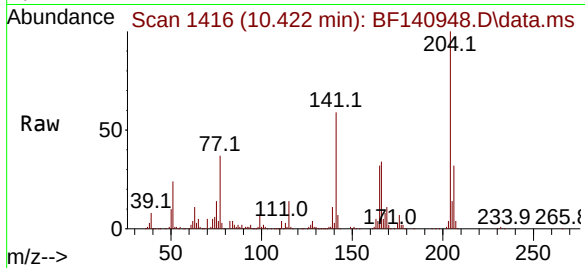




#61
4-Chlorophenyl-phenylether
Concen: 50.243 ng
RT: 10.422 min Scan# 1416
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

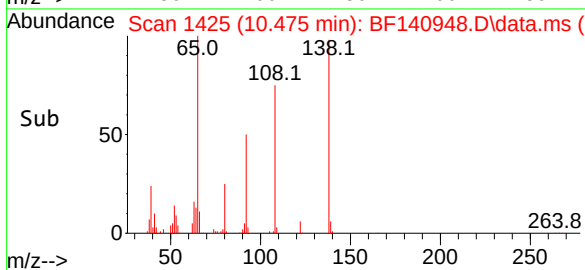
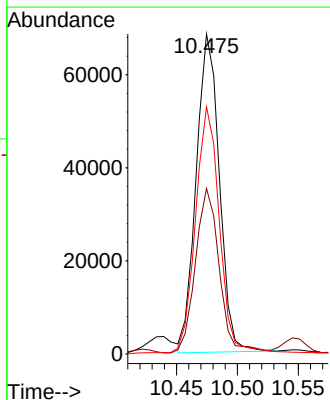
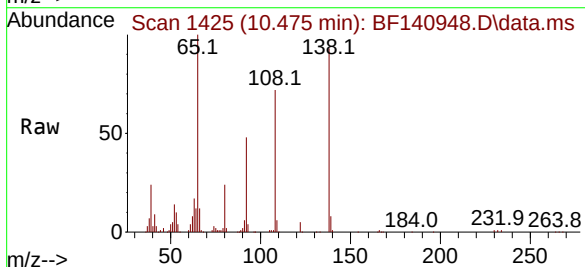
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

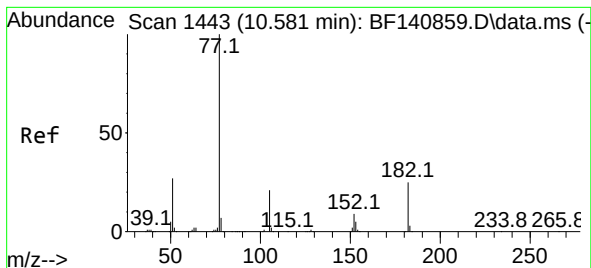
Tgt Ion:204 Resp: 212840
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 59.1 50.0 75.0



#62
4-Nitroaniline
Concen: 46.729 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:138 Resp: 90228
Ion Ratio Lower Upper
138 100
92 51.7 32.6 72.6
108 77.2 64.1 104.1





#63

Azobenzene

Concen: 54.056 ng

RT: 10.586 min Scan# 1443

Delta R.T. 0.006 min

Lab File: BF140948.D

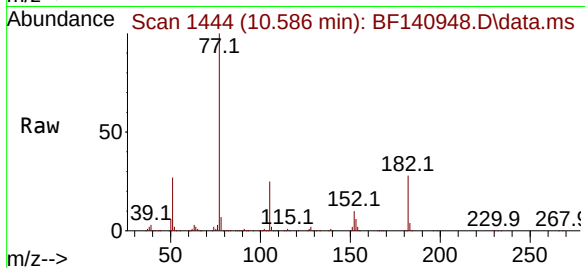
Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS



Tgt Ion: 77 Resp: 429196

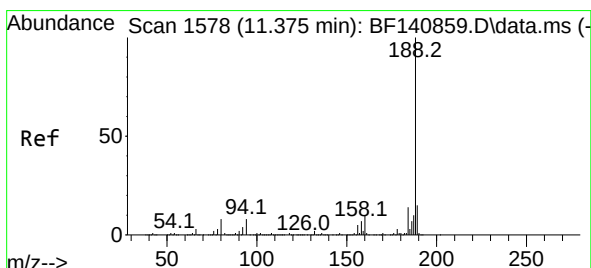
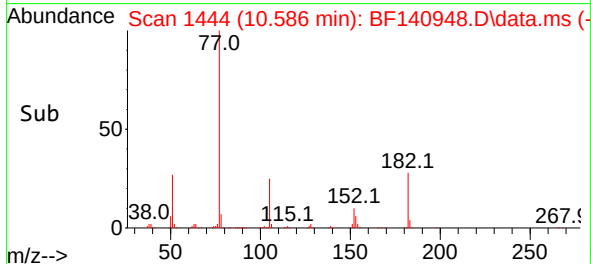
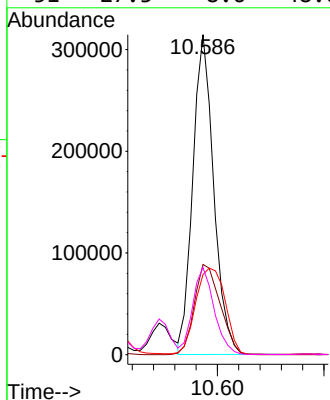
Ion Ratio Lower Upper

77 100

182 28.2 4.5 44.5

105 25.0 0.9 40.9

51 27.3 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.380 min Scan# 1579

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

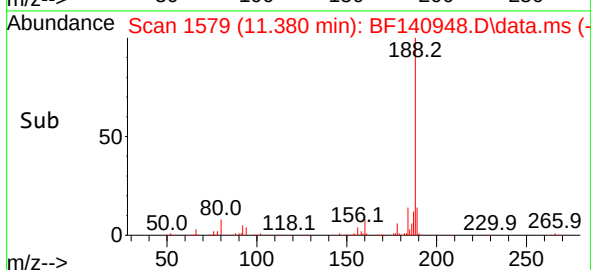
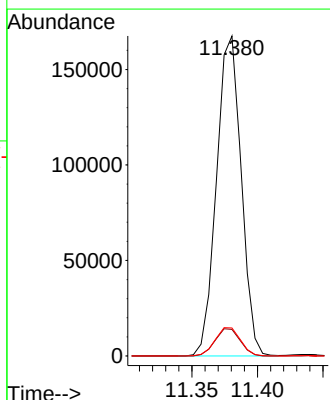
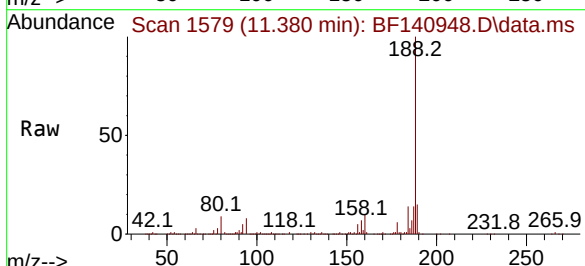
Tgt Ion: 188 Resp: 219277

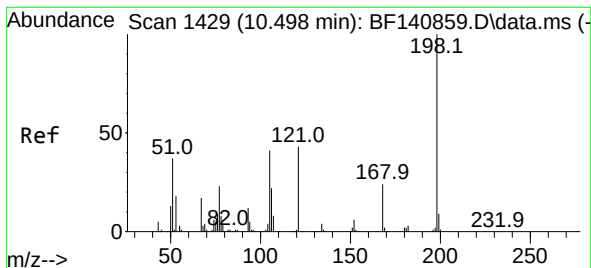
Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 8.7 6.8 10.2

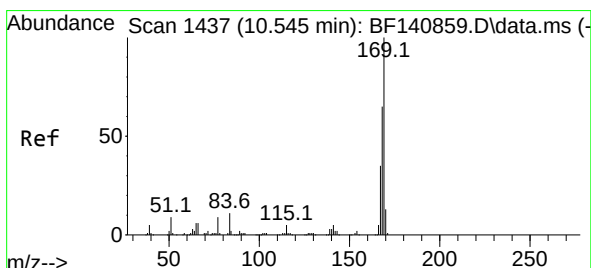
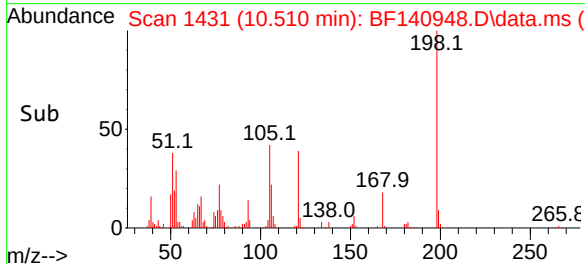
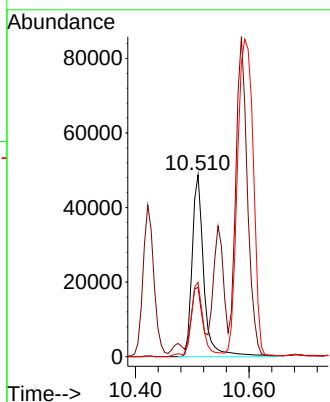
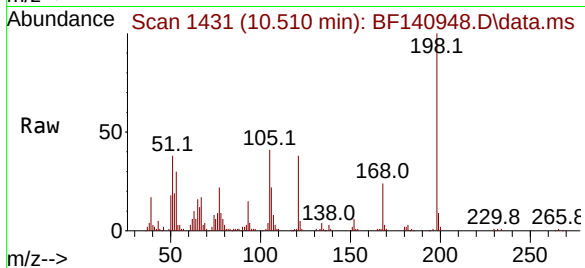




#65
4,6-Dinitro-2-methylphenol
Concen: 56.637 ng
RT: 10.510 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

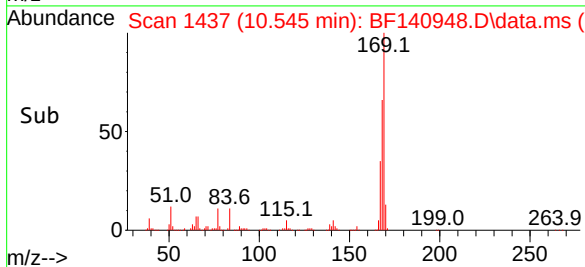
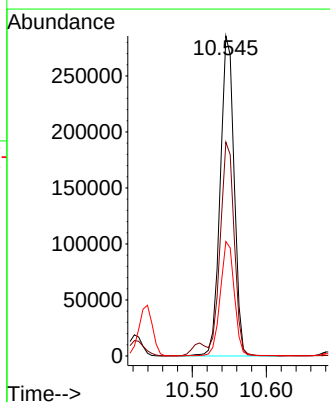
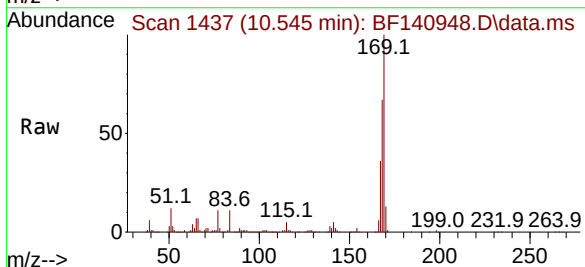
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

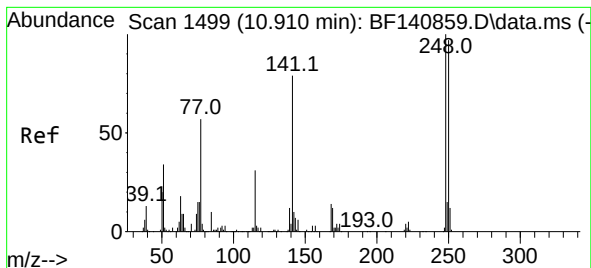
Tgt Ion:198 Resp: 70374
Ion Ratio Lower Upper
198 100
51 38.1 24.4 64.4
105 40.9 22.1 62.1



#66
n-Nitrosodiphenylamine
Concen: 55.234 ng
RT: 10.545 min Scan# 1437
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:169 Resp: 372378
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.0
167 35.7 28.3 42.5

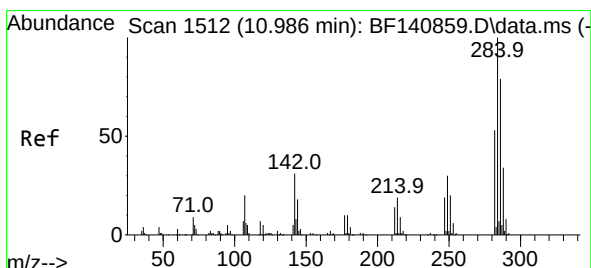
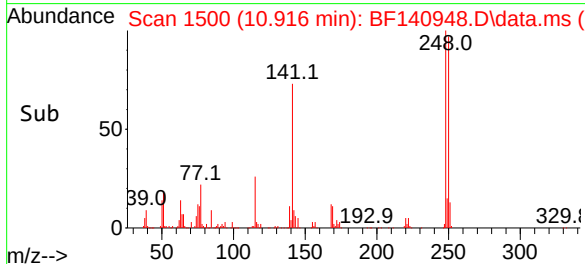
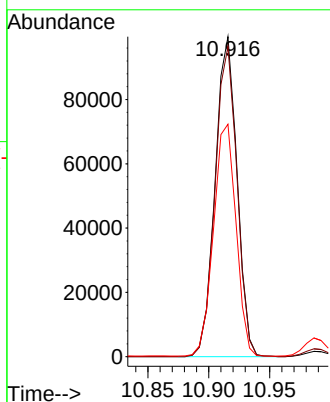
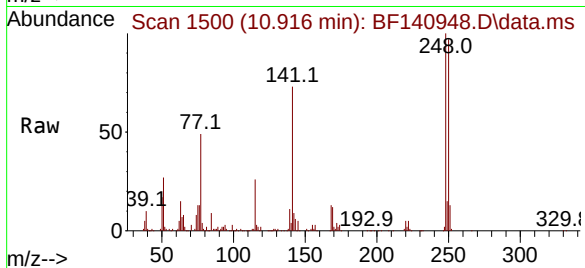




#67
4-Bromophenyl-phenylether
Concen: 50.908 ng
RT: 10.916 min Scan# 1499
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

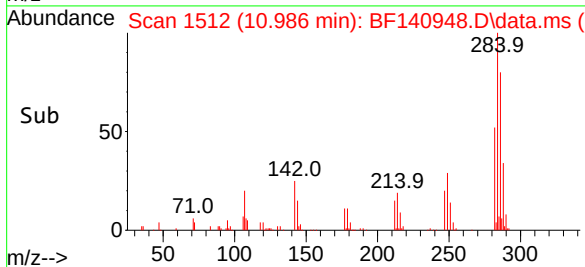
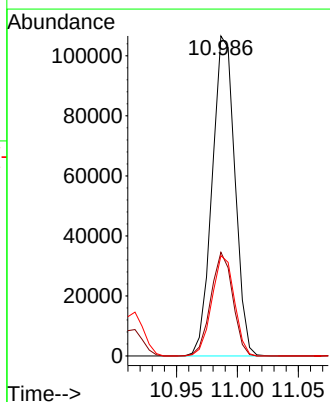
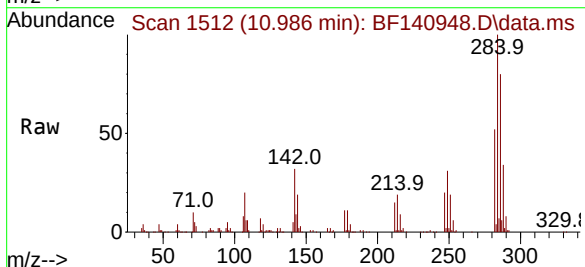
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

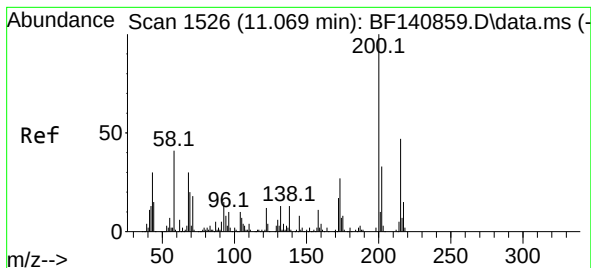
Tgt Ion:248 Resp: 124883
Ion Ratio Lower Upper
248 100
250 97.0 77.4 116.2
141 72.6 62.9 94.3



#68
Hexachlorobenzene
Concen: 49.700 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:284 Resp: 138231
Ion Ratio Lower Upper
284 100
142 32.4 24.6 36.8
249 31.3 24.3 36.5





#69

Atrazine

Concen: 62.062 ng

RT: 11.075 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

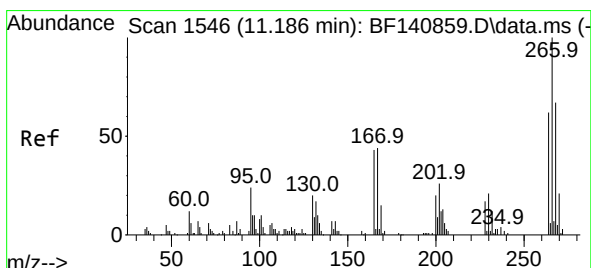
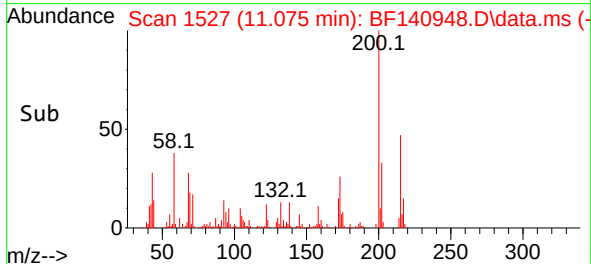
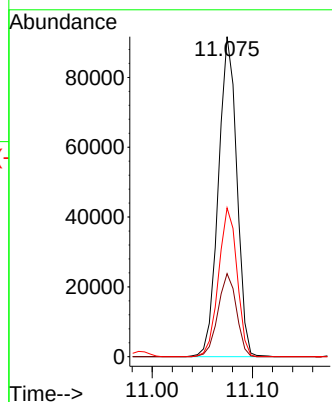
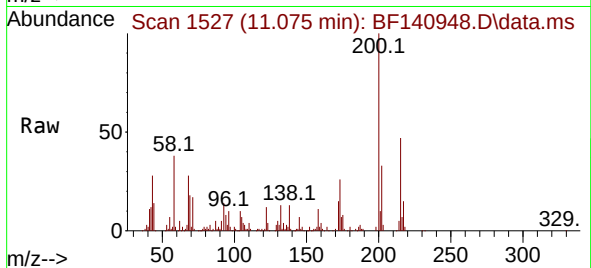
Tgt Ion:200 Resp: 116856

Ion Ratio Lower Upper

200 100

173 25.9 6.6 46.6

215 46.5 26.7 66.7



#70

Pentachlorophenol

Concen: 77.662 ng

RT: 11.198 min Scan# 1548

Delta R.T. 0.012 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

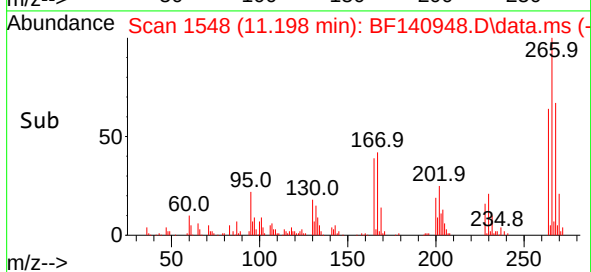
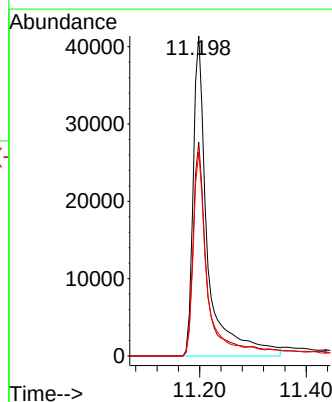
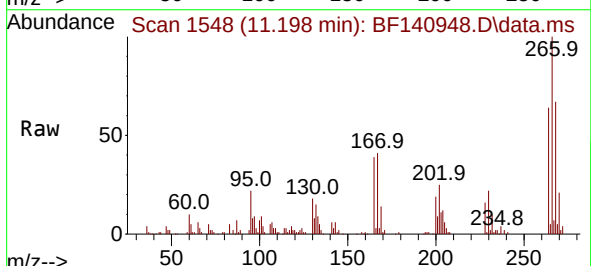
Tgt Ion:266 Resp: 78972

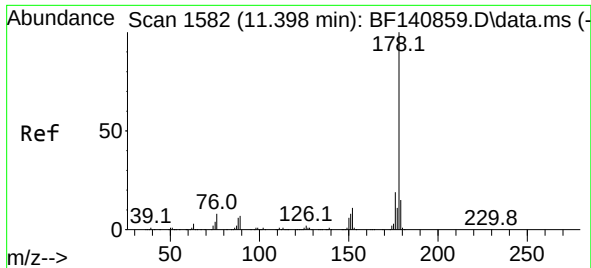
Ion Ratio Lower Upper

266 100

268 66.8 54.0 81.0

264 63.8 49.4 74.2

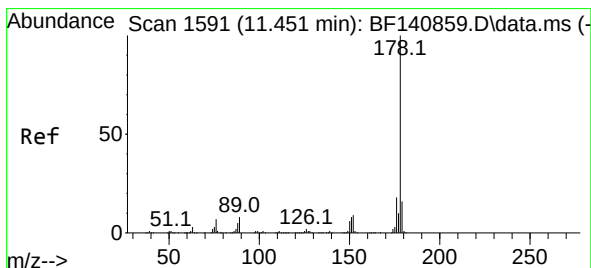
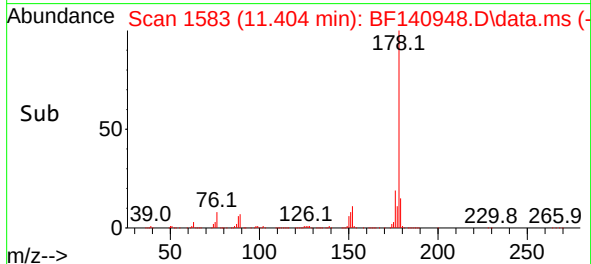
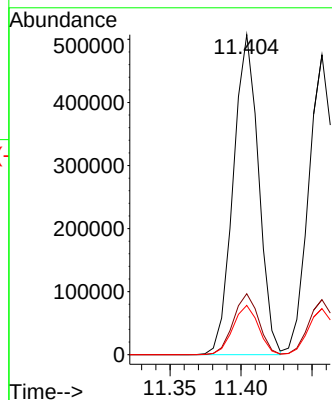
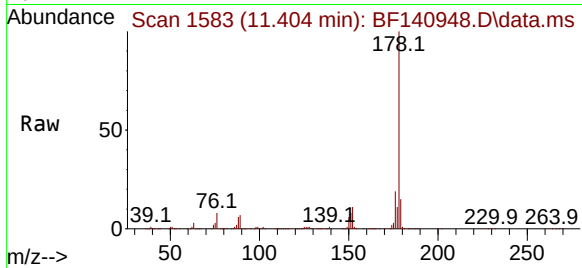




#71
Phenanthrene
Concen: 55.721 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

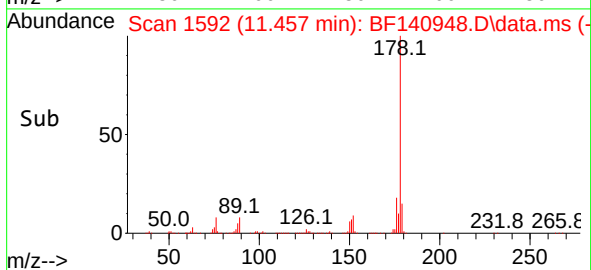
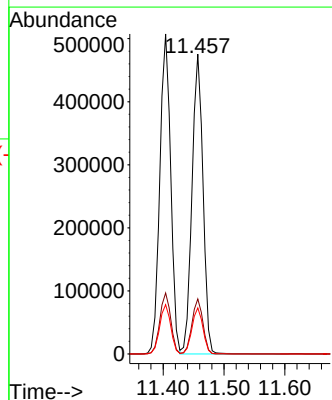
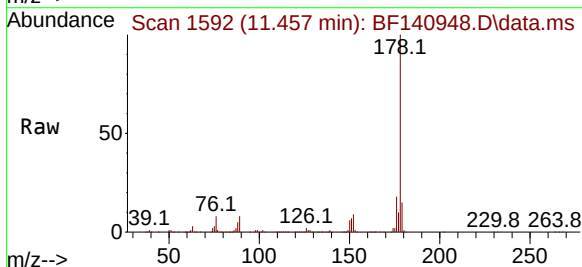
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

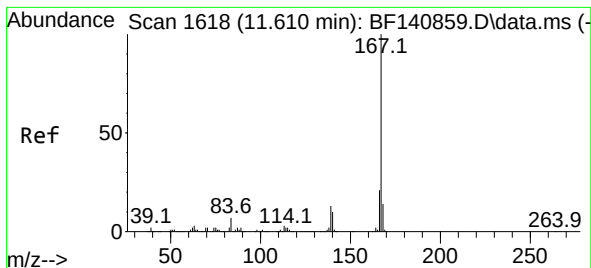
Tgt Ion:178 Resp: 628319
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.4 12.1 18.1



#72
Anthracene
Concen: 53.762 ng
RT: 11.457 min Scan# 1592
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:178 Resp: 597017
Ion Ratio Lower Upper
178 100
176 18.3 14.6 22.0
179 15.4 12.6 18.8





#73

Carbazole

Concen: 52.355 ng

RT: 11.616 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

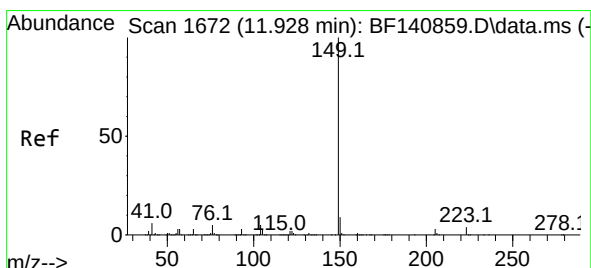
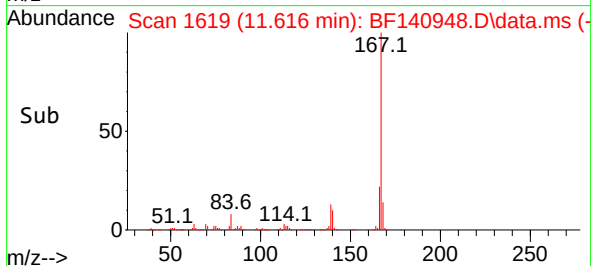
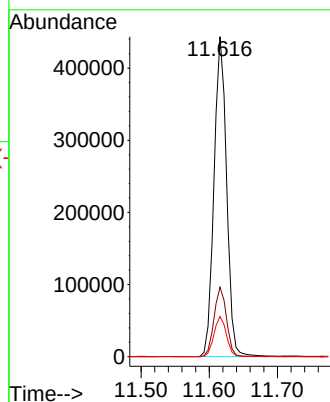
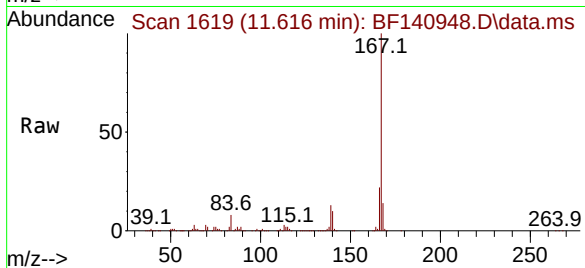
Tgt Ion:167 Resp: 569460

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 12.5 10.2 15.2



#74

Di-n-butylphthalate

Concen: 49.999 ng

RT: 11.928 min Scan# 1672

Delta R.T. -0.000 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

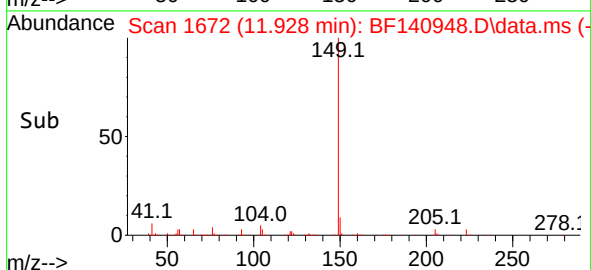
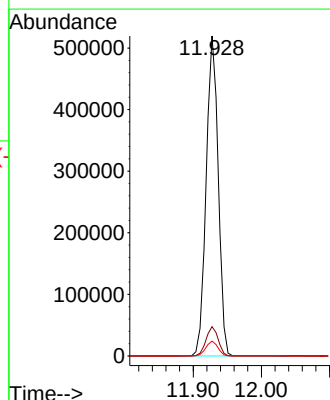
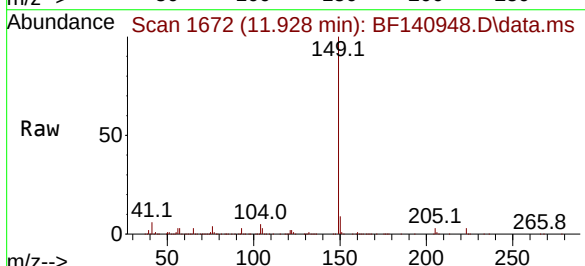
Tgt Ion:149 Resp: 638255

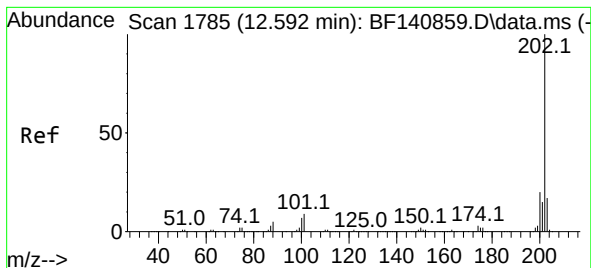
Ion Ratio Lower Upper

149 100

150 9.2 7.5 11.3

104 4.6 3.8 5.8





#75

Fluoranthene

Concen: 49.060 ng

RT: 12.598 min Scan# 1786

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

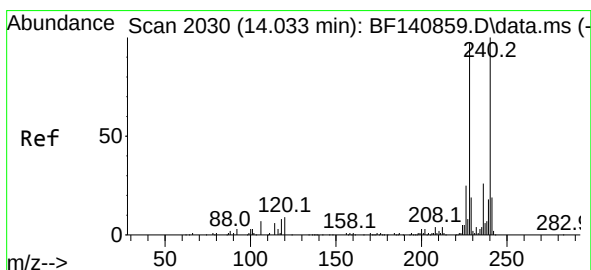
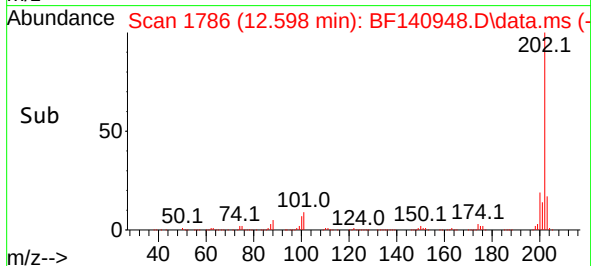
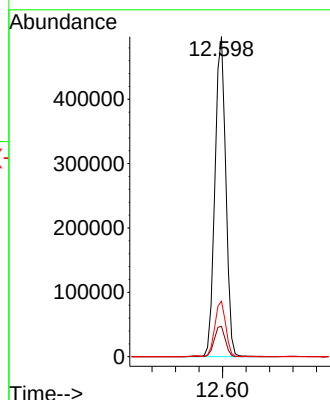
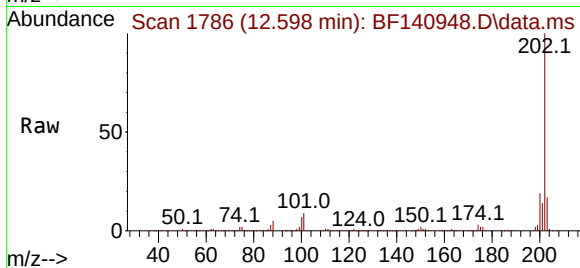
Tgt Ion:202 Resp: 637105

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.3

203 17.4 0.0 37.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

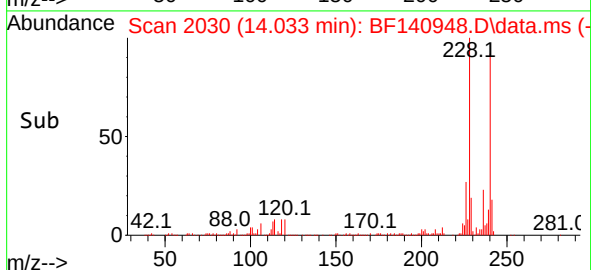
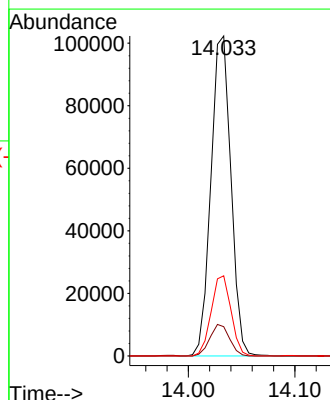
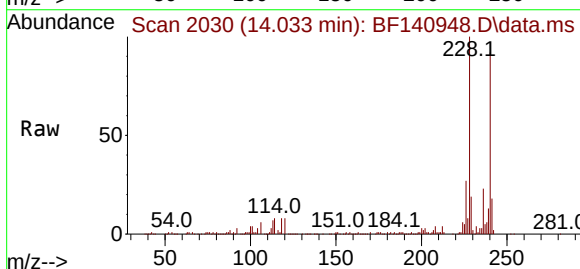
Tgt Ion:240 Resp: 133308

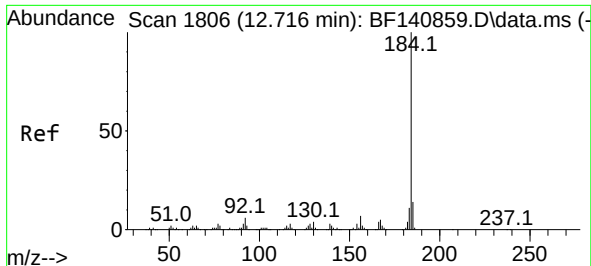
Ion Ratio Lower Upper

240 100

120 9.1 7.6 11.4

236 25.1 20.5 30.7

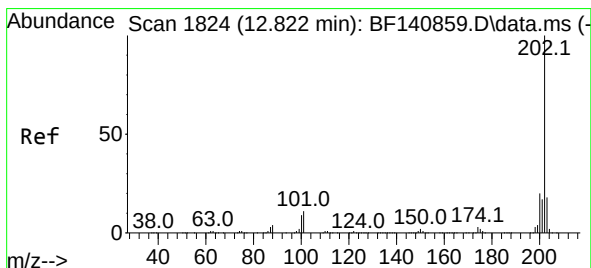
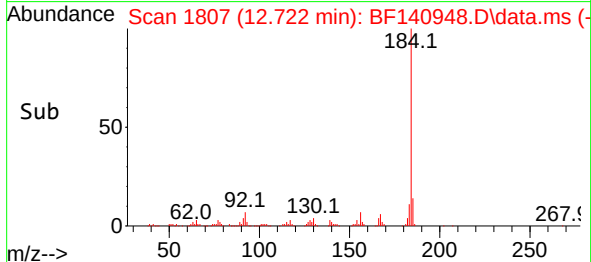
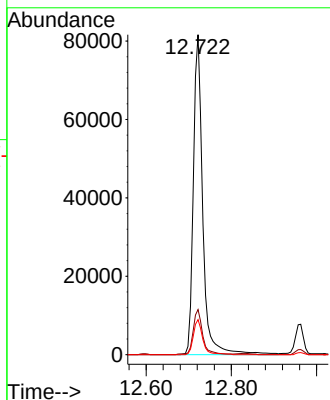
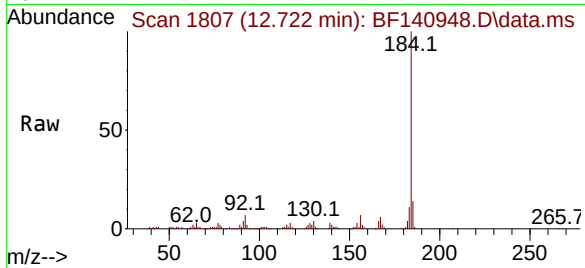




#77
Benzidine
Concen: 46.021 ng
RT: 12.722 min Scan# 1807
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

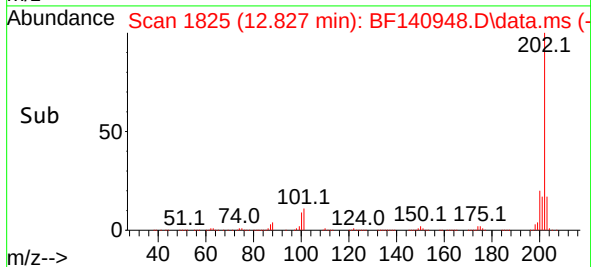
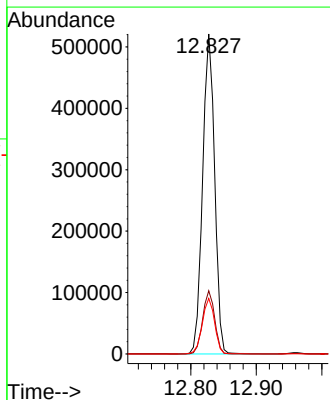
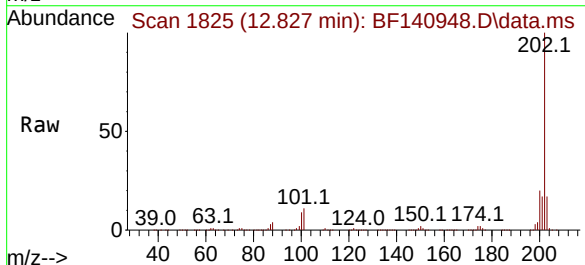
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

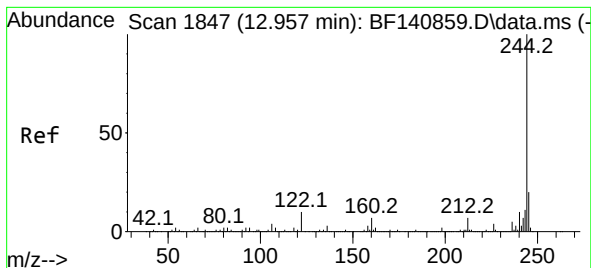
Tgt Ion:184 Resp: 125211
Ion Ratio Lower Upper
184 100
185 14.1 11.1 16.7
183 10.9 9.0 13.4



#78
Pyrene
Concen: 56.171 ng
RT: 12.827 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:202 Resp: 665883
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 17.4 14.2 21.4





#79

Terphenyl-d14

Concen: 91.048 ng

RT: 12.963 min Scan# 1848

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

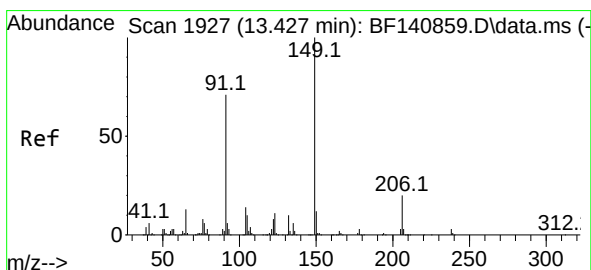
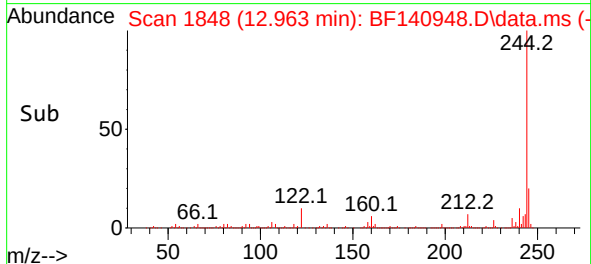
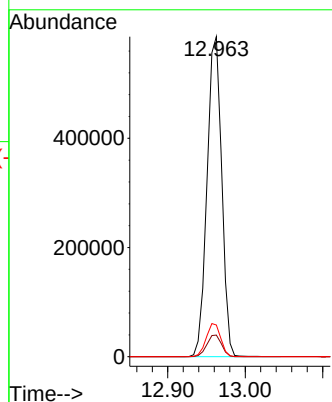
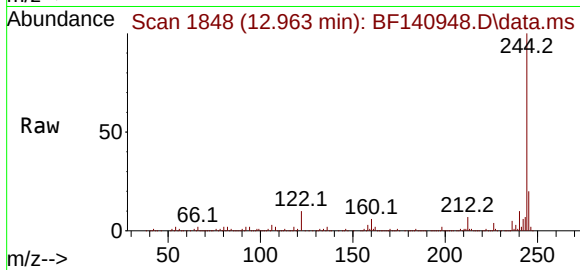
Tgt Ion:244 Resp: 769721

Ion Ratio Lower Upper

244 100

212 6.8 5.6 8.4

122 9.9 8.2 12.2



#80

Butylbenzylphthalate

Concen: 53.133 ng

RT: 13.433 min Scan# 1928

Delta R.T. 0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

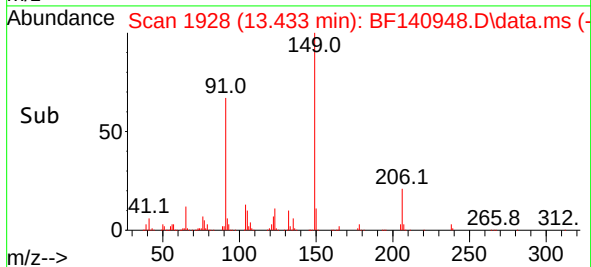
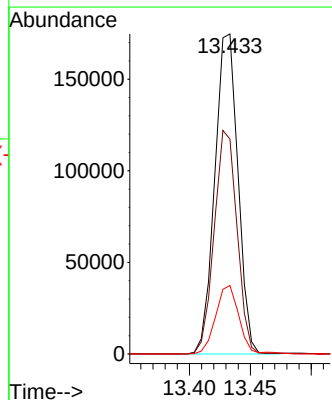
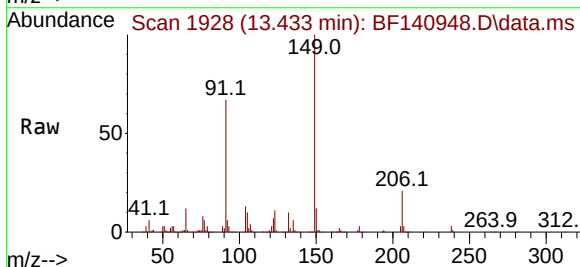
Tgt Ion:149 Resp: 231762

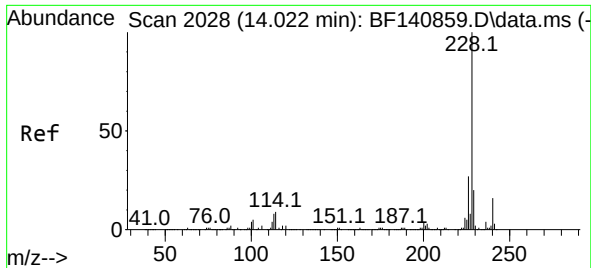
Ion Ratio Lower Upper

149 100

91 67.1 56.7 85.1

206 21.4 16.4 24.6

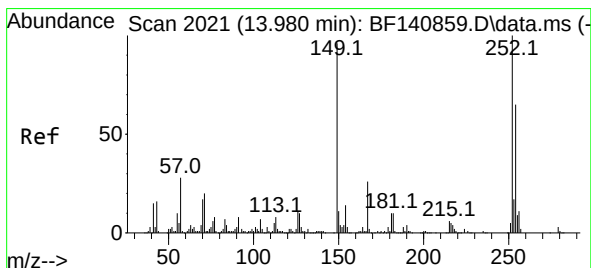
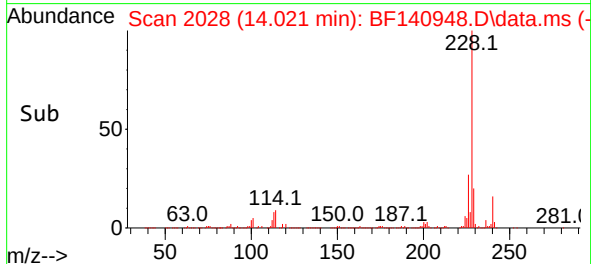
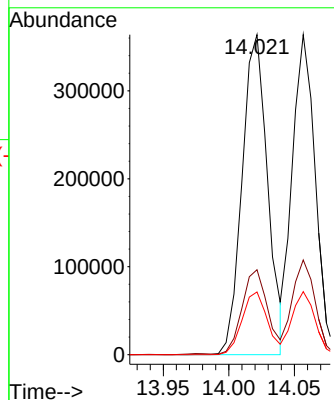
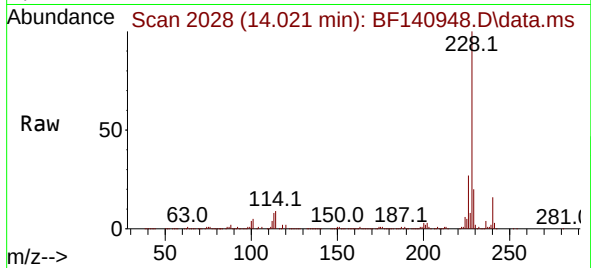




#81
Benzo(a)anthracene
Concen: 52.168 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

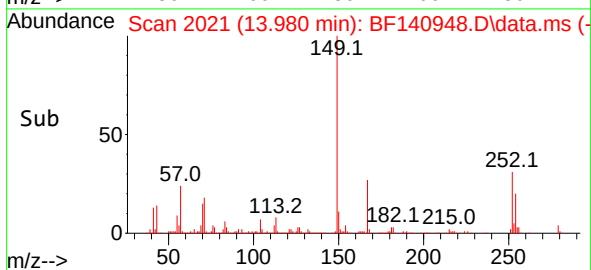
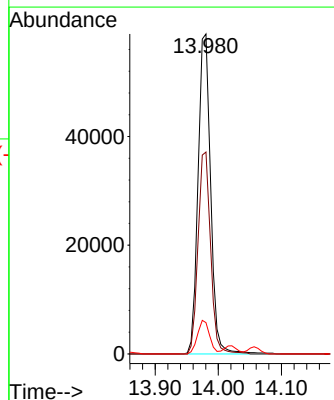
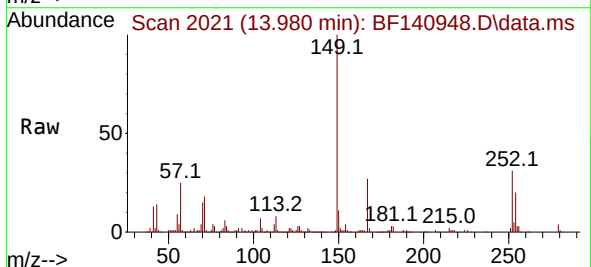
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

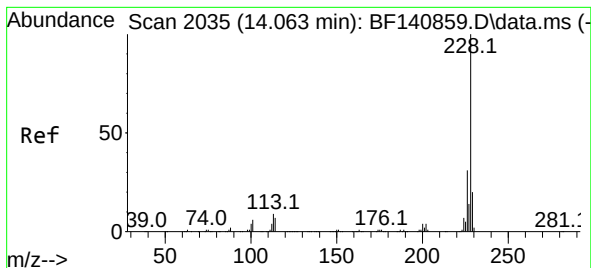
Tgt Ion:228 Resp: 492886
Ion Ratio Lower Upper
228 100
226 26.5 21.8 32.8
229 19.6 15.8 23.8



#82
3,3'-Dichlorobenzidine
Concen: 28.561 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.000 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:252 Resp: 81414
Ion Ratio Lower Upper
252 100
254 63.1 52.3 78.5
126 9.8 8.4 12.6





#83

Chrysene

Concen: 51.436 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

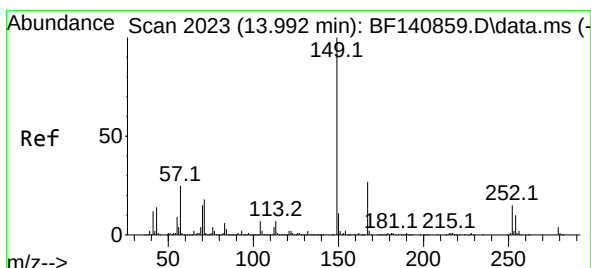
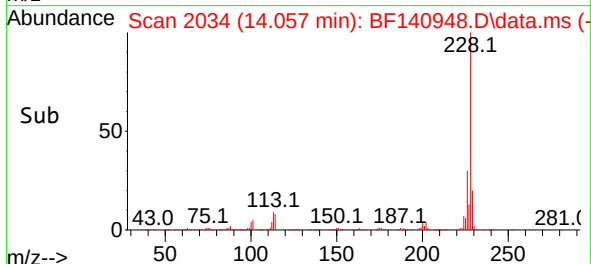
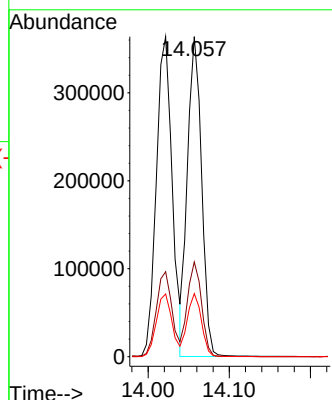
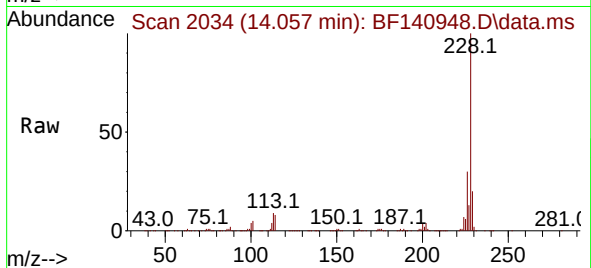
Tgt Ion:228 Resp: 441907

Ion Ratio Lower Upper

228 100

226 29.6 24.1 36.1

229 19.7 16.0 24.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 47.624 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

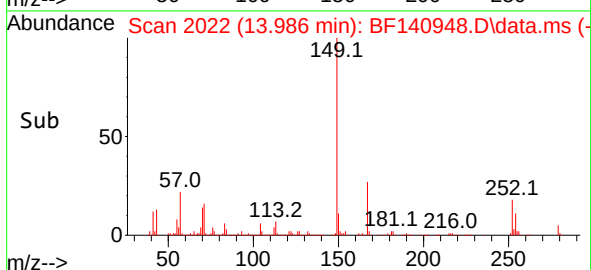
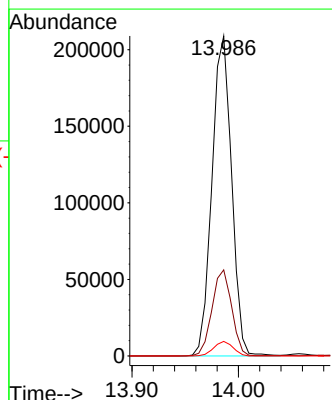
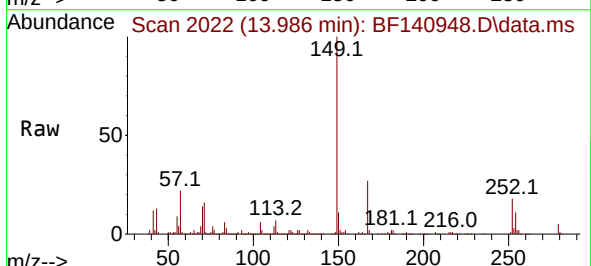
Tgt Ion:149 Resp: 267856

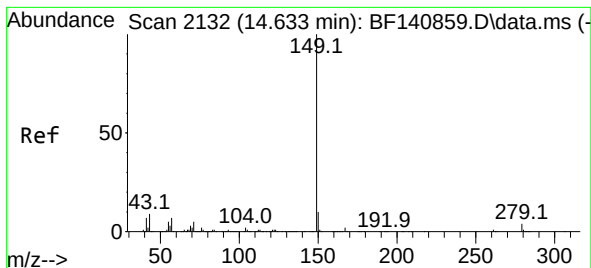
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.8

279 4.5 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 42.906 ng

RT: 14.604 min Scan# 2127

Delta R.T. -0.029 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

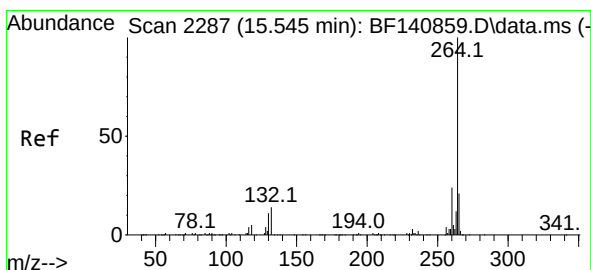
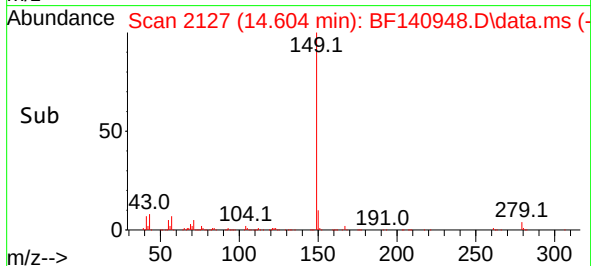
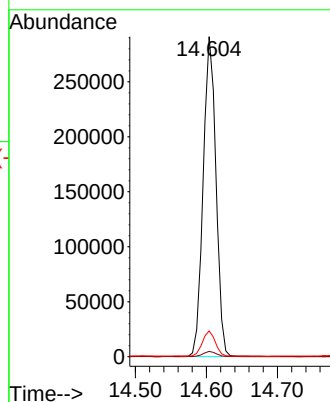
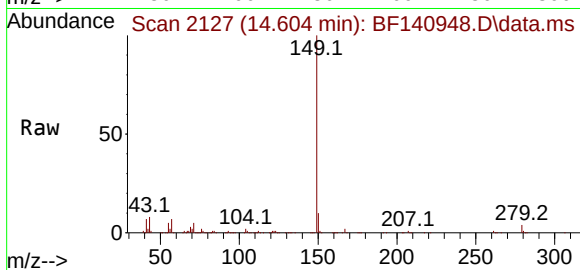
Tgt Ion:149 Resp: 365090

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

43 8.0 7.0 10.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2283

Delta R.T. -0.024 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

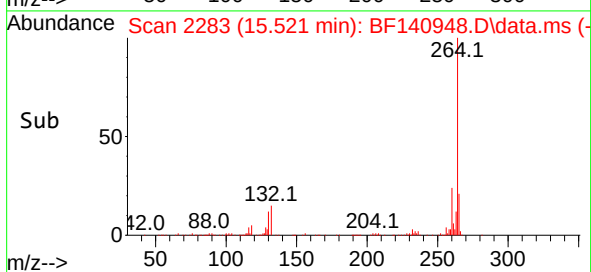
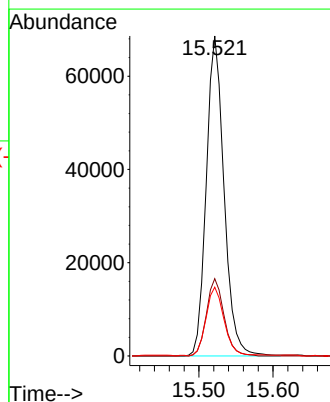
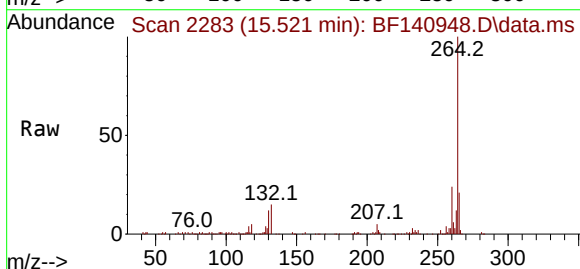
Tgt Ion:264 Resp: 114231

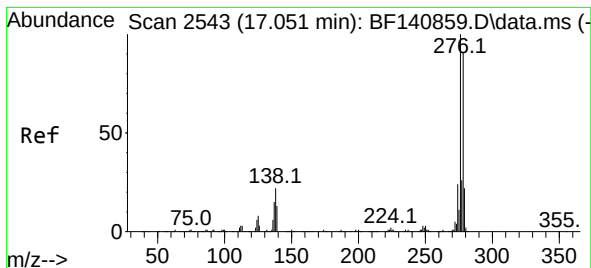
Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 21.5 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 66.539 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS

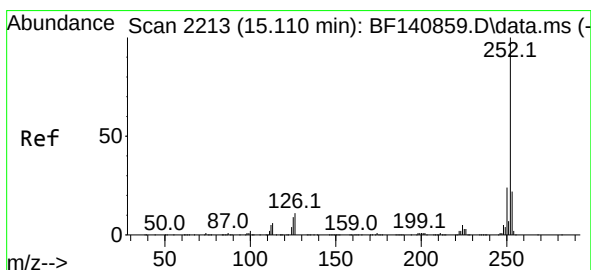
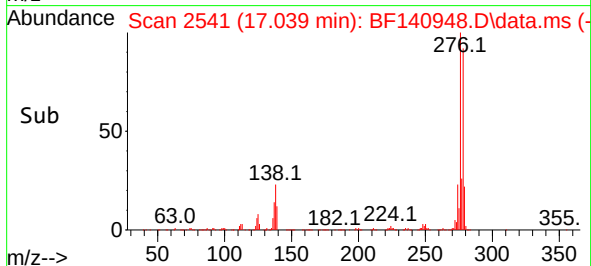
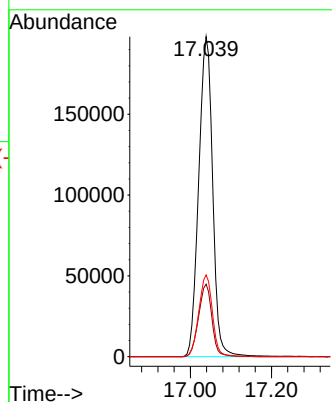
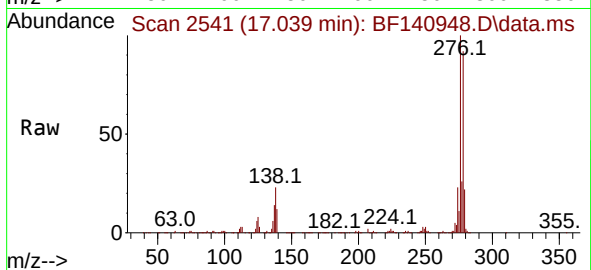
Tgt Ion:276 Resp: 474317

Ion Ratio Lower Upper

276 100

138 21.7 16.9 25.3

277 25.0 20.2 30.4



#88

Benzo(b)fluoranthene

Concen: 48.060 ng

RT: 15.086 min Scan# 2209

Delta R.T. -0.024 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

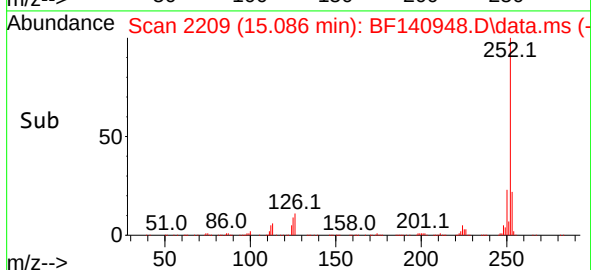
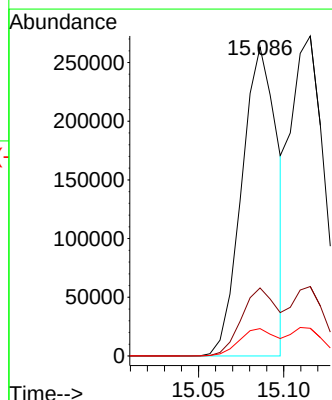
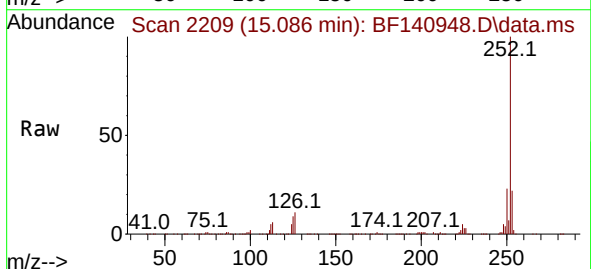
Tgt Ion:252 Resp: 381086

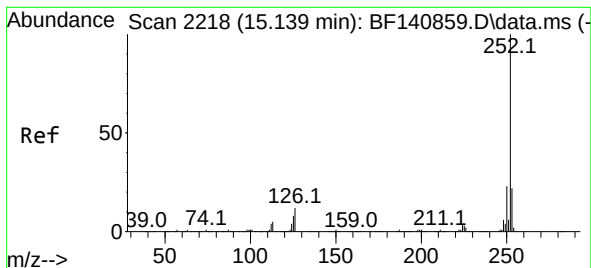
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.9 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 54.968 ng

RT: 15.116 min Scan# 21

Delta R.T. -0.024 min

Lab File: BF140948.D

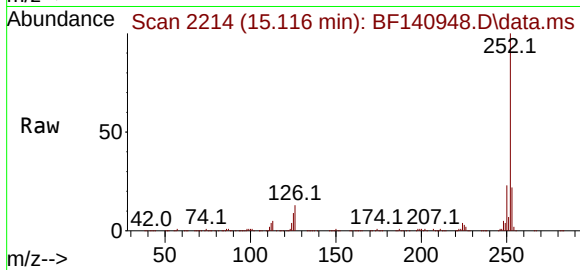
Acq: 20 Dec 2024 14:10

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224MS



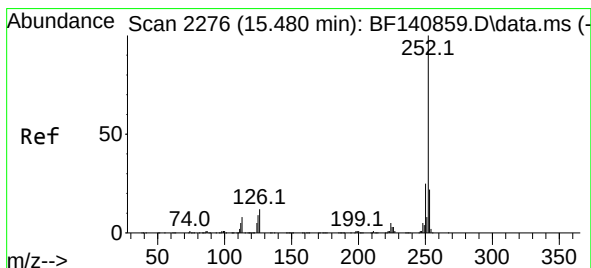
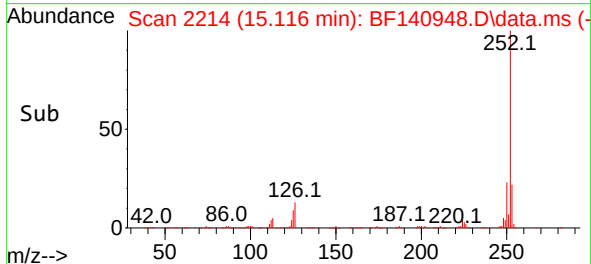
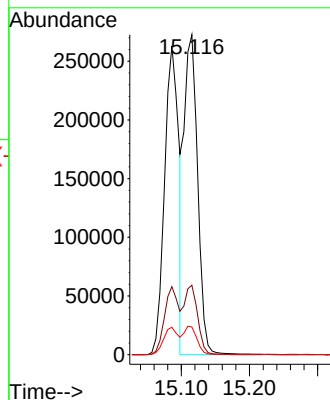
Tgt Ion:252 Resp: 373879

Ion Ratio Lower Upper

252 100

253 21.7 17.5 26.3

125 8.7 6.8 10.2



#90

Benzo(a)pyrene

Concen: 57.316 ng

RT: 15.457 min Scan# 2272

Delta R.T. -0.024 min

Lab File: BF140948.D

Acq: 20 Dec 2024 14:10

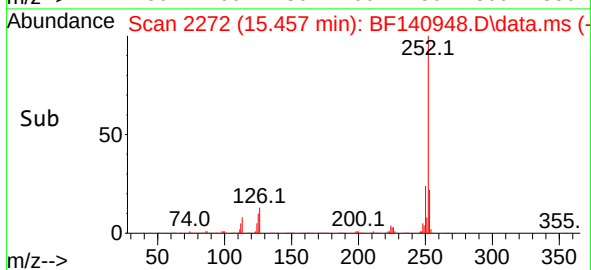
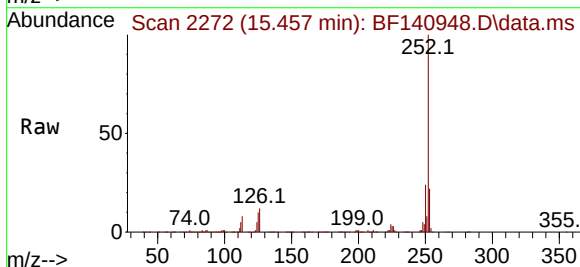
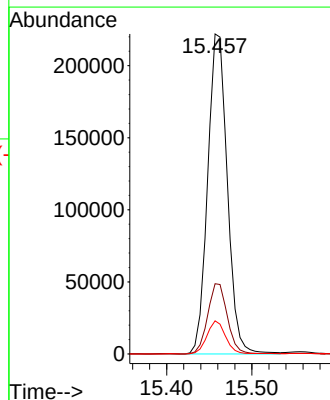
Tgt Ion:252 Resp: 355872

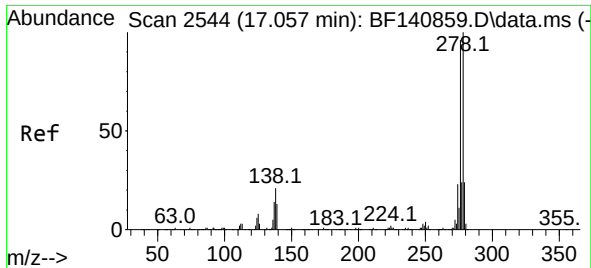
Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 10.3 7.5 11.3

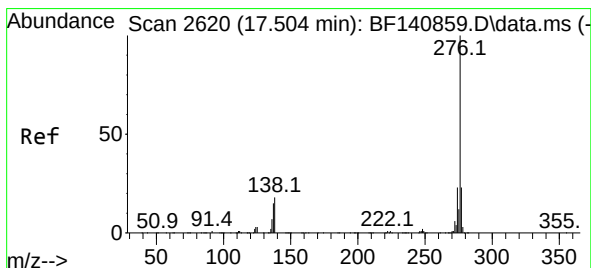
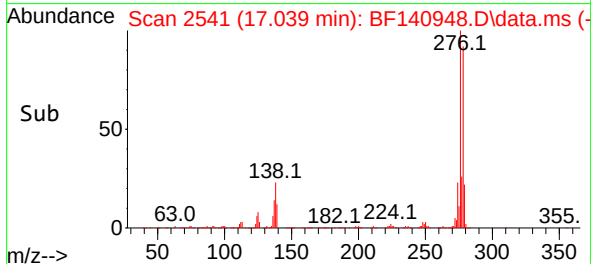
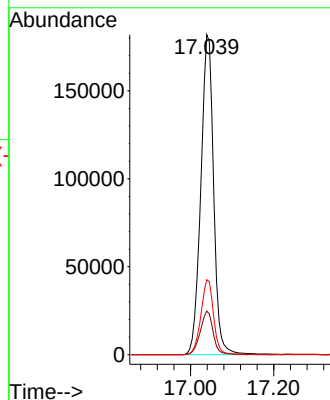
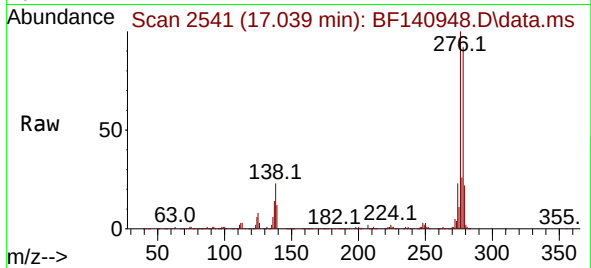




#91
Dibenzo(a,h)anthracene
Concen: 66.055 ng
RT: 17.039 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224MS

Tgt Ion:278 Resp: 390092
Ion Ratio Lower Upper
278 100
139 13.6 10.6 16.0
279 23.5 19.2 28.8



#92
Benzo(g,h,i)perylene
Concen: 62.119 ng
RT: 17.498 min Scan# 2619
Delta R.T. -0.006 min
Lab File: BF140948.D
Acq: 20 Dec 2024 14:10

Tgt Ion:276 Resp: 373367
Ion Ratio Lower Upper
276 100
277 23.5 18.7 28.1
138 18.1 14.2 21.2

