

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140954.D
 Acq On : 20 Dec 2024 16:48
 Operator : RC/JU
 Sample : P5306-05
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-09-121224

Quant Time: Dec 20 21:58:52 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)

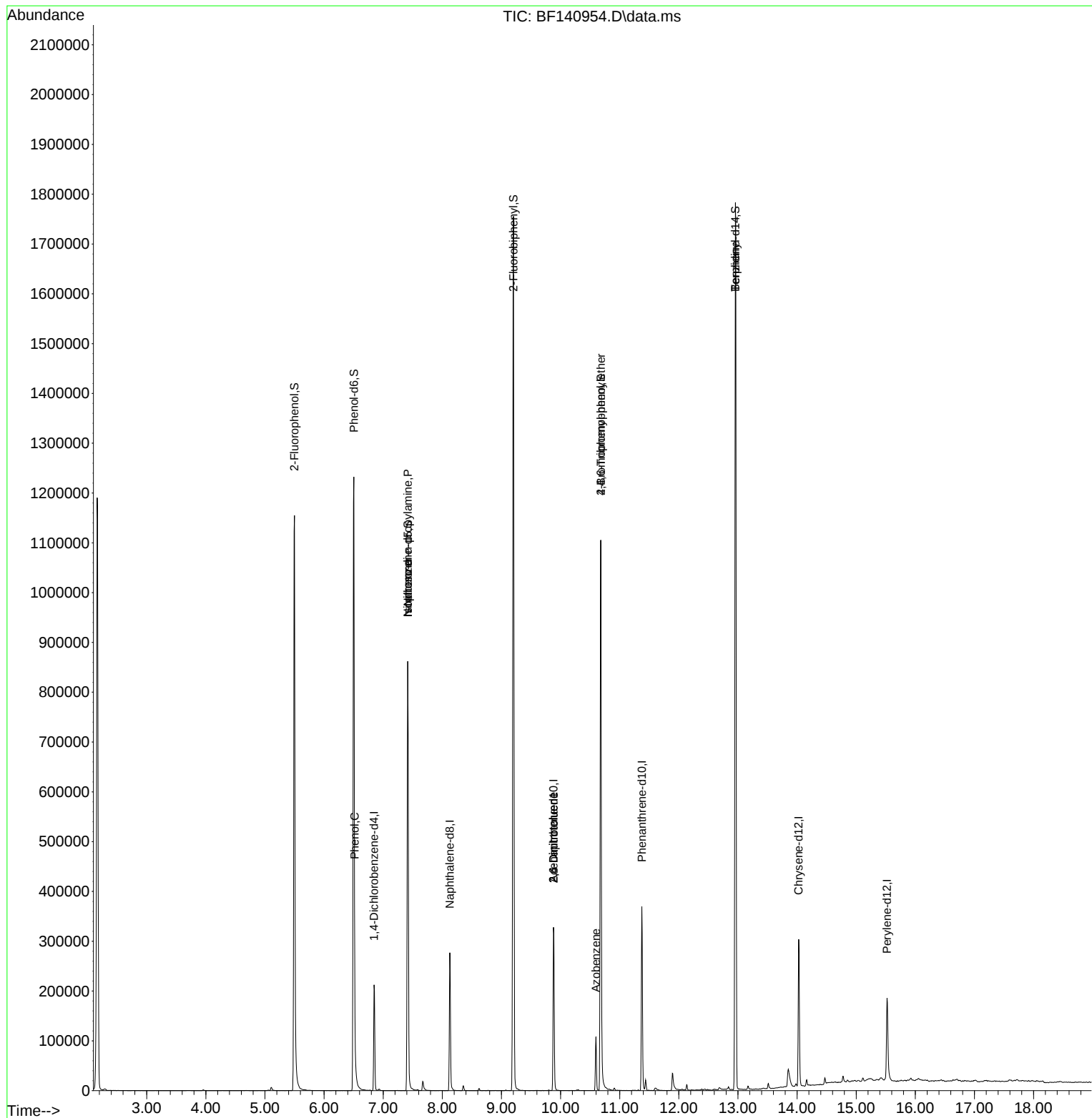
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	47850	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	188298	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	108152	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	209762	20.000	ng	0.00
76) Chrysene-d12	14.027	240	160469	20.000	ng	0.00
86) Perylene-d12	15.521	264	118975	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	503371	173.175	ng	0.01
7) Phenol-d6	6.504	99	661799	171.897	ng	0.00
23) Nitrobenzene-d5	7.416	82	417963	111.053	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	213331	166.778	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	842540	107.105	ng	0.00
79) Terphenyl-d14	12.957	244	931004	91.486	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	8056	2.019	ng	# 33
19) n-Nitroso-di-n-propyla...	7.416	70	56303	24.380	ng	# 76
25) Isophorone	7.416	82	413456	65.564	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	13579	7.790	ng	# 20
57) 2,4-Dinitrotoluene	9.880	165	13579	5.921	ng	# 14
63) Azobenzene	10.598	77	27946	3.760	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	13408	5.714	ng	# 1
77) Benzidine	12.957	184	11841	3.615	ng	# 93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
Data File : BF140954.D
Acq On : 20 Dec 2024 16:48
Operator : RC/JU
Sample : P5306-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-09-121224

Quant Time: Dec 20 21:58:52 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

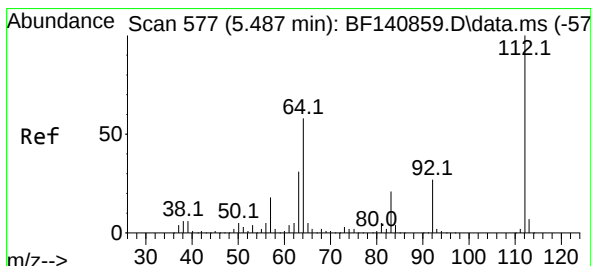
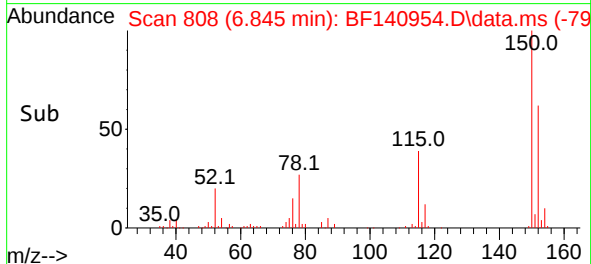
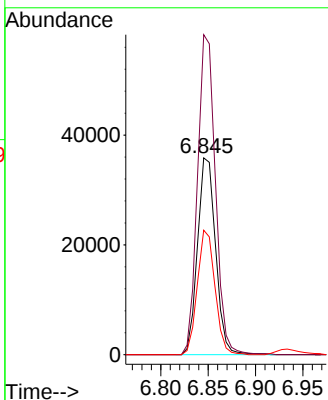
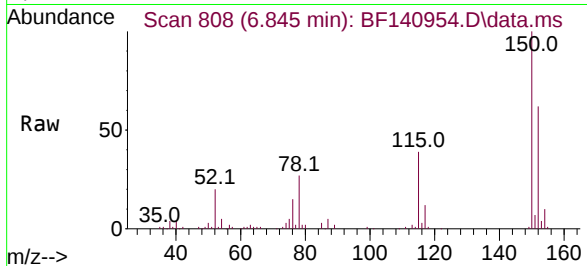




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

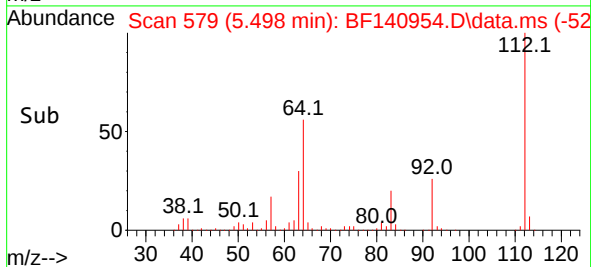
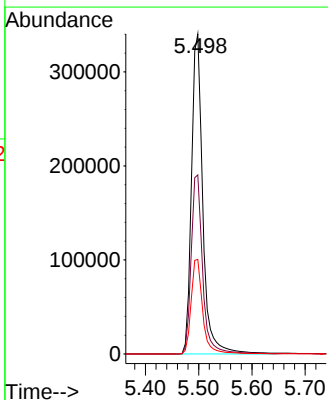
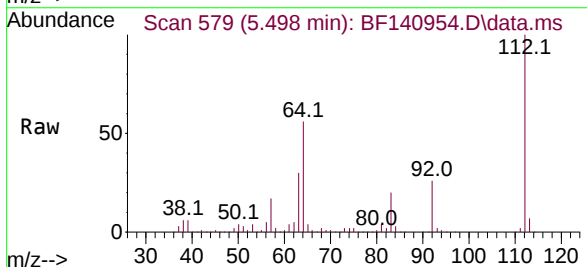
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-09-121224

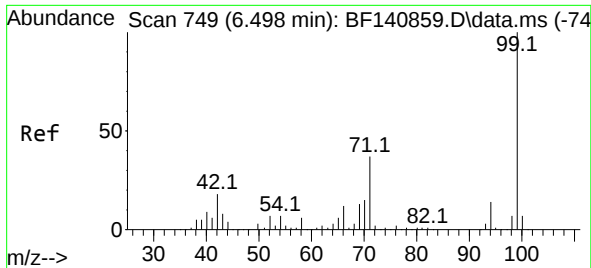
Tgt Ion:152 Resp: 47850
Ion Ratio Lower Upper
152 100
150 162.5 127.9 191.9
115 63.3 48.0 72.0



#5
2-Fluorophenol
Concen: 173.175 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

Tgt Ion:112 Resp: 503371
Ion Ratio Lower Upper
112 100
64 56.0 46.1 69.1
63 29.5 24.9 37.3

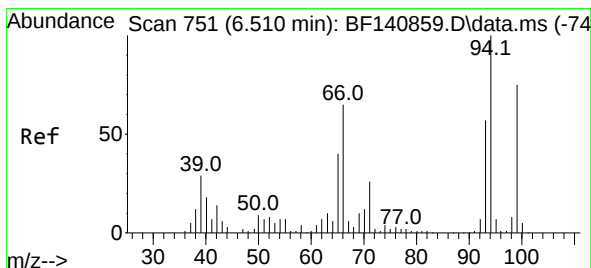
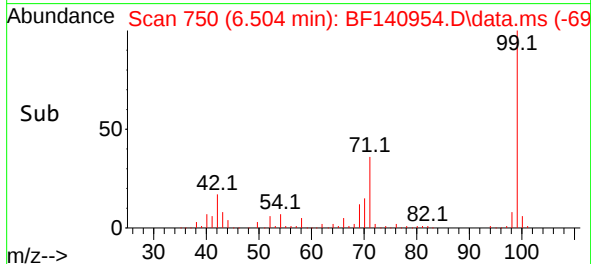
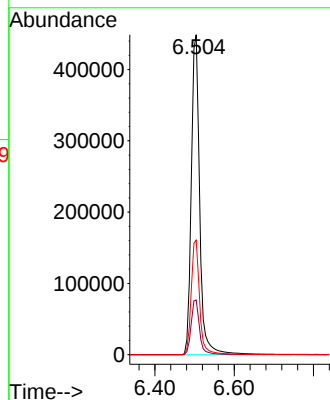
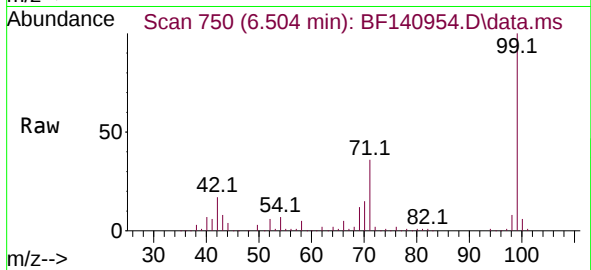




#7
Phenol-d6
Concen: 171.897 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

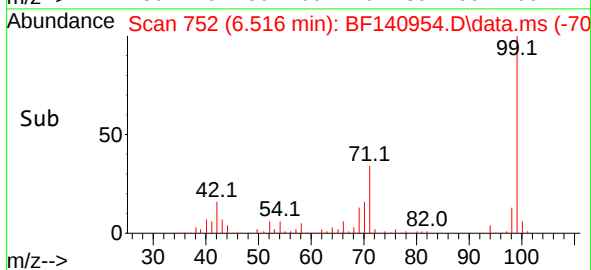
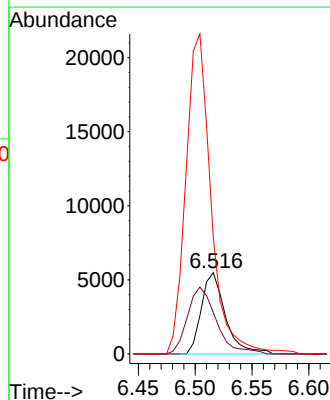
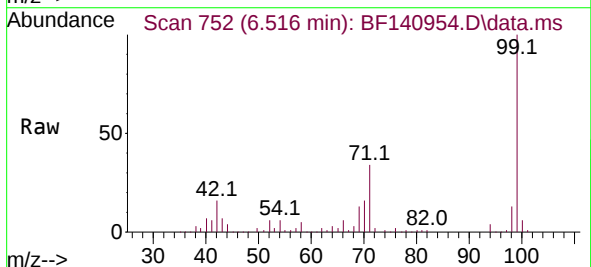
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-09-121224

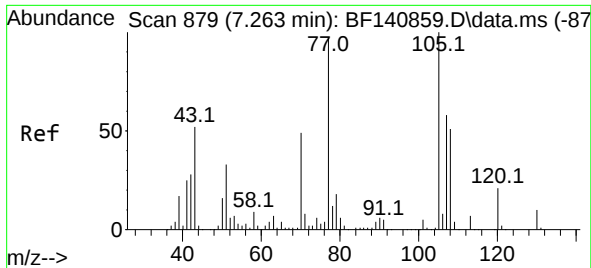
Tgt Ion: 99 Resp: 661799
Ion Ratio Lower Upper
99 100
42 17.1 14.3 21.5
71 35.8 29.9 44.9



#10
Phenol
Concen: 2.019 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

Tgt Ion: 94 Resp: 8056
Ion Ratio Lower Upper
94 100
65 50.8 19.9 59.9
66 142.7 45.6 85.6#

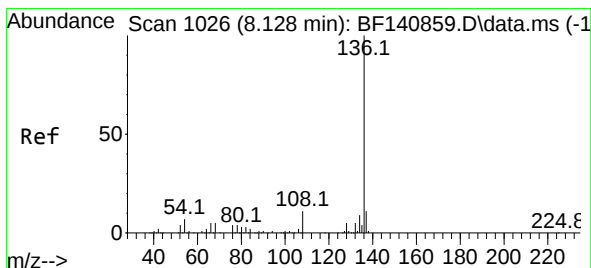
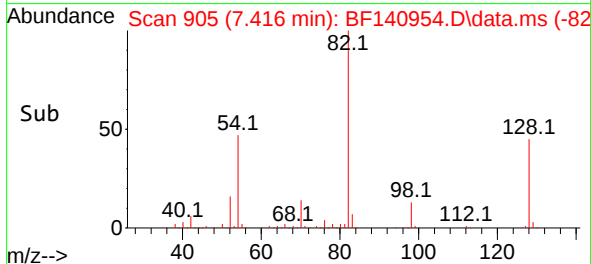
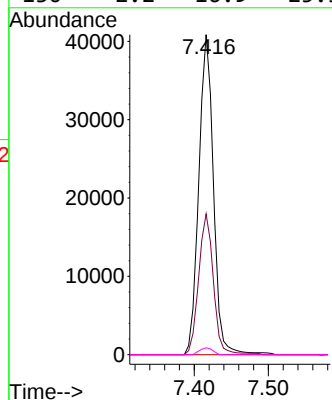
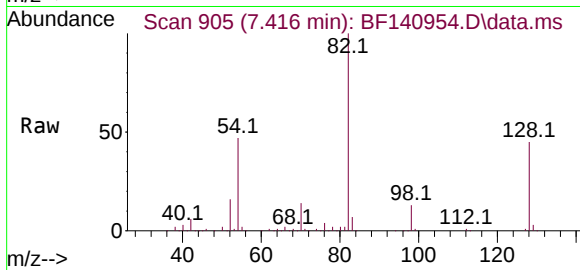




#19
n-Nitroso-di-n-propylamine
Concen: 24.380 ng
RT: 7.416 min Scan# 90
Delta R.T. 0.153 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

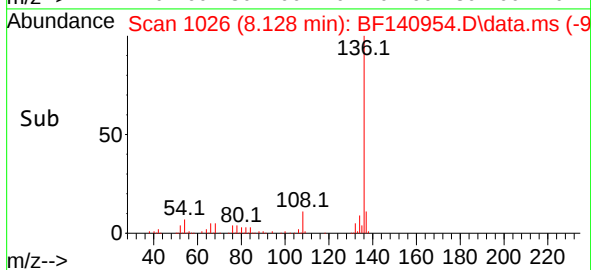
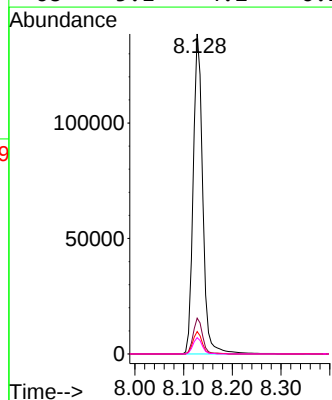
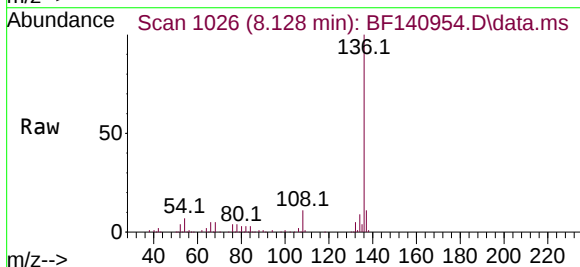
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-09-121224

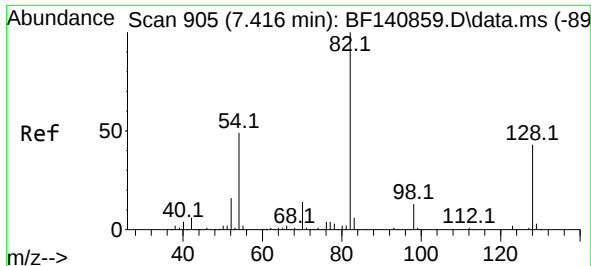
Tgt Ion: 70 Resp: 56303
Ion Ratio Lower Upper
70 100
42 44.0 45.3 67.9#
101 0.0 8.0 12.0#
130 2.2 16.9 25.3#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

Tgt Ion:136 Resp: 188298
Ion Ratio Lower Upper
136 100
137 11.2 9.0 13.4
54 7.0 5.6 8.4
68 5.1 4.2 6.2

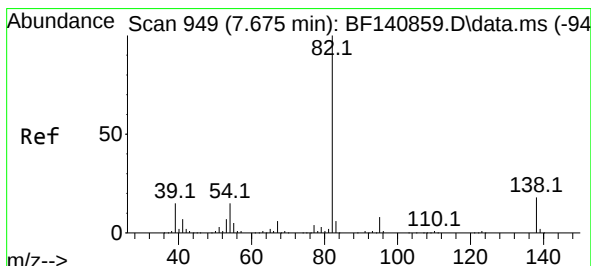
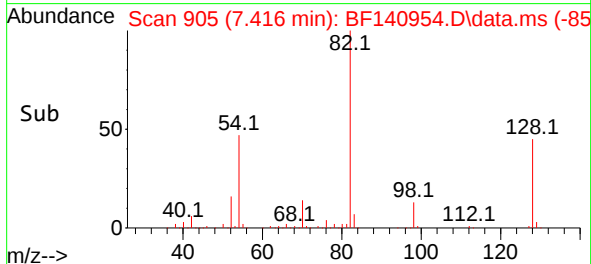
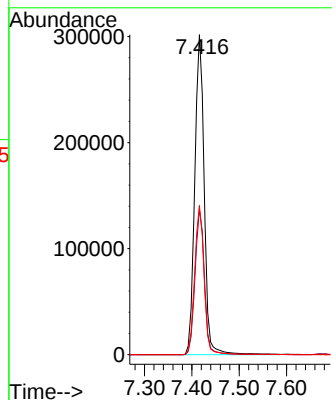
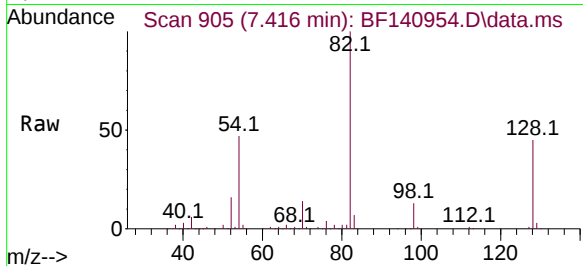




#23
Nitrobenzene-d5
Concen: 111.053 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

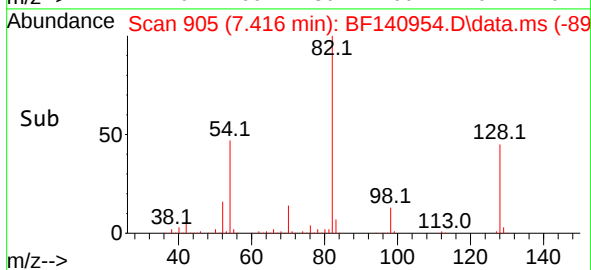
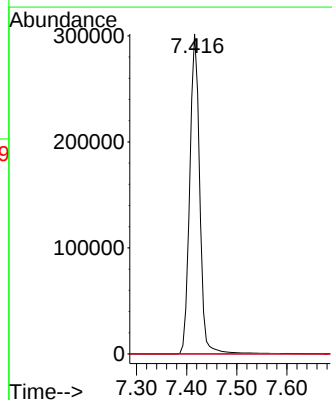
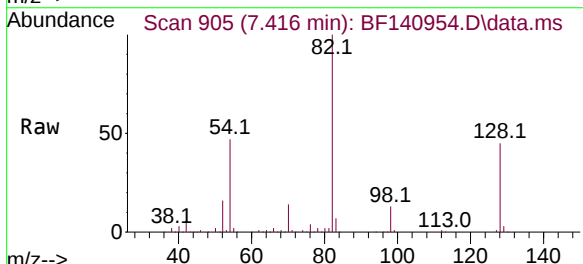
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-09-121224

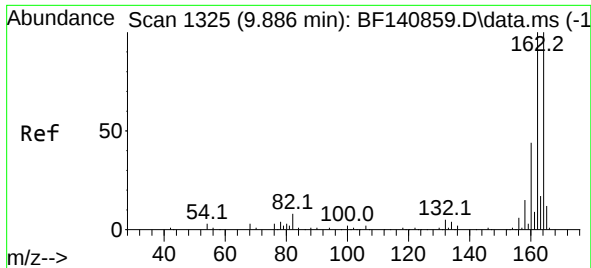
Tgt Ion: 82 Resp: 417963
Ion Ratio Lower Upper
82 100
128 45.5 34.4 51.6
54 46.6 38.8 58.2



#25
Isophorone
Concen: 65.564 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

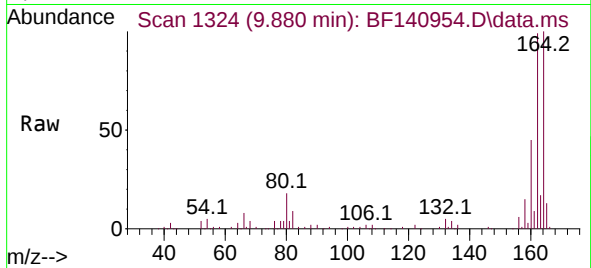
Tgt Ion: 82 Resp: 413456
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



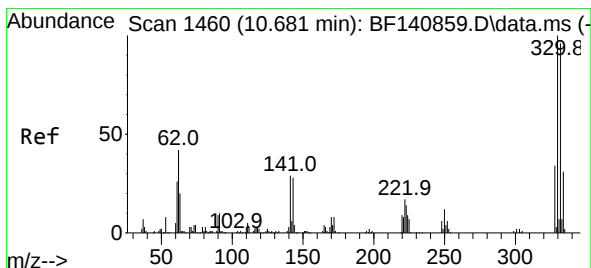
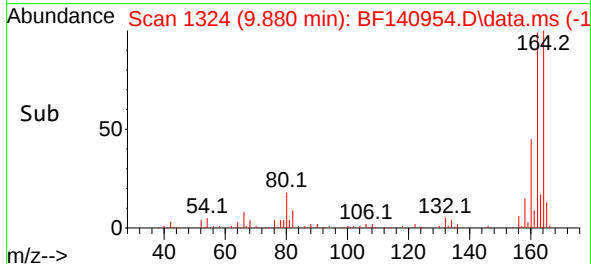
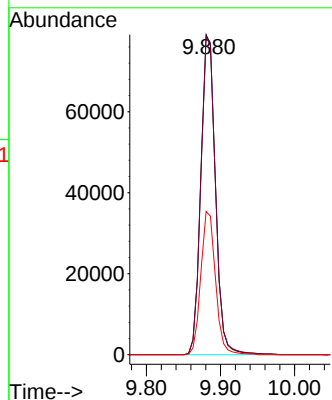


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

Instrument :
BNA_F
ClientSampleId :
OU4-VSL-09-121224

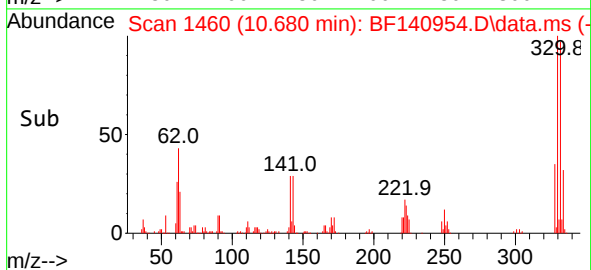
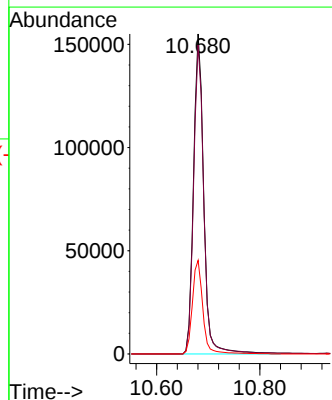
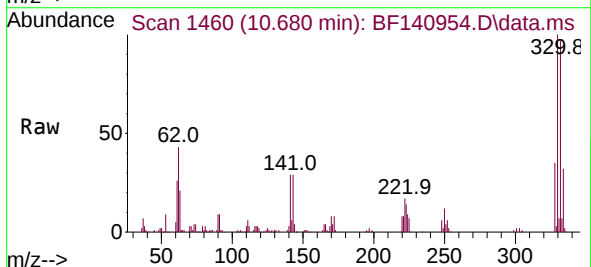


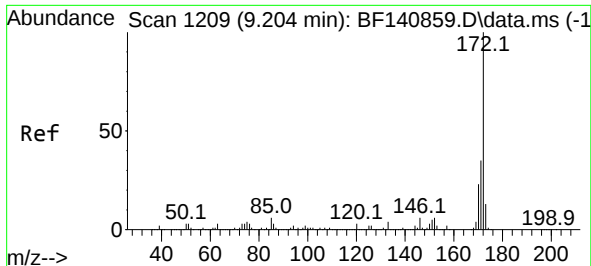
Tgt Ion:164 Resp: 108152
Ion Ratio Lower Upper
164 100
162 99.3 79.9 119.9
160 44.8 35.2 52.8



#42
2,4,6-Tribromophenol
Concen: 166.778 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

Tgt Ion:330 Resp: 213331
Ion Ratio Lower Upper
330 100
332 95.9 76.2 114.4
141 29.9 24.9 37.3

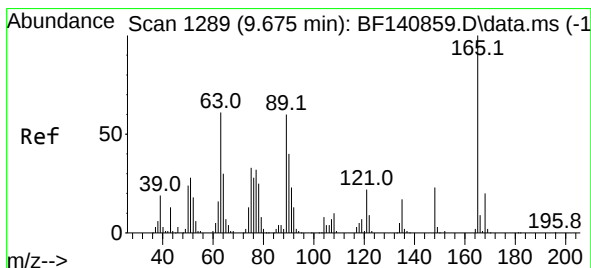
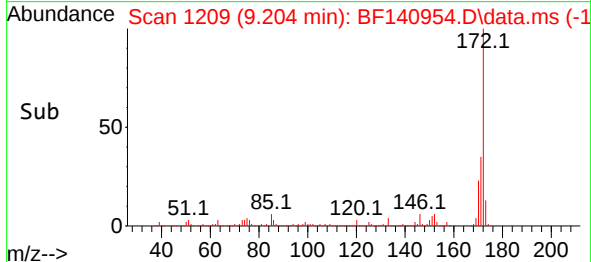
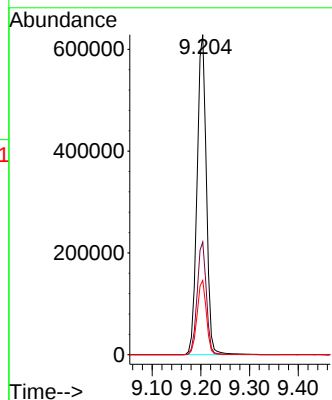
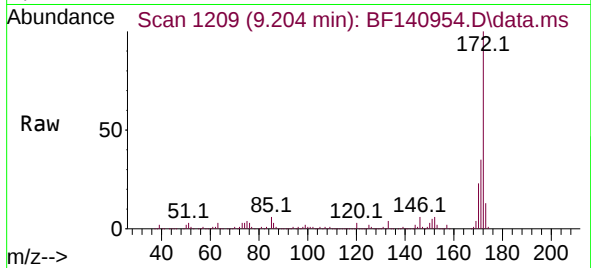




#45
2-Fluorobiphenyl
Concen: 107.105 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

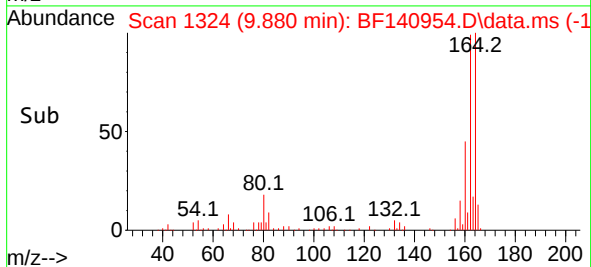
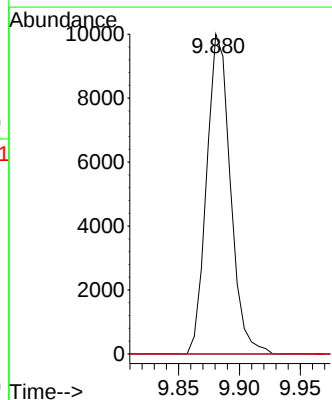
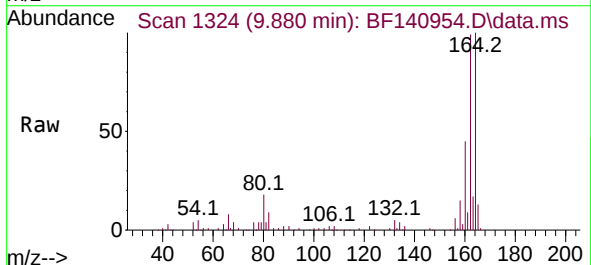
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-09-121224

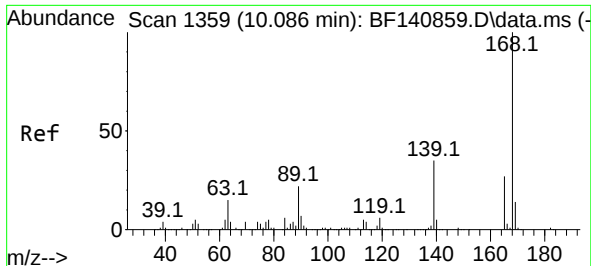
Tgt Ion:172 Resp: 842540
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.2 18.6 28.0



#51
2,6-Dinitrotoluene
Concen: 7.790 ng
RT: 9.880 min Scan# 1324
Delta R.T. 0.206 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

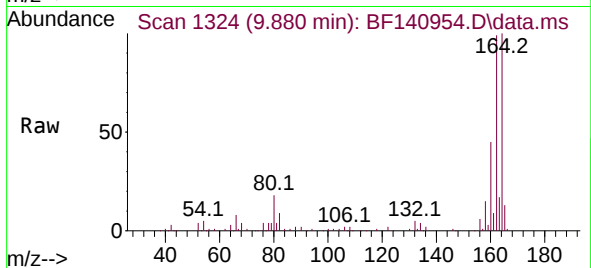
Tgt Ion:165 Resp: 13579
Ion Ratio Lower Upper
165 100
63 0.0 49.7 74.5#
89 0.0 48.2 72.4#



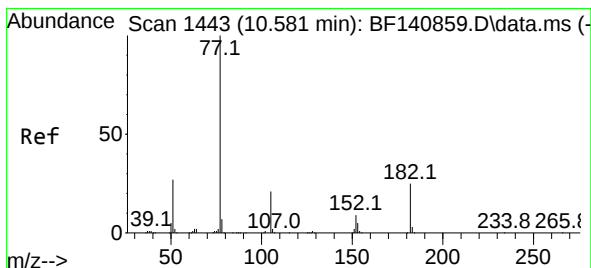
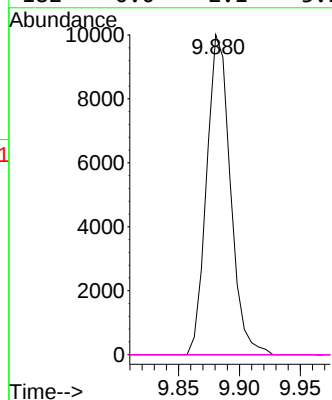
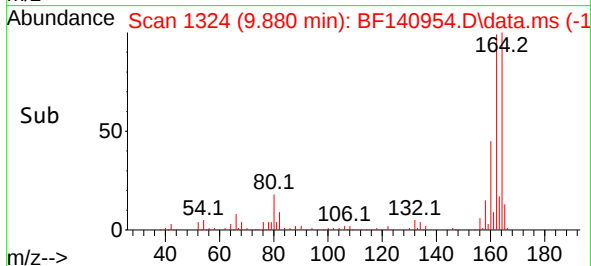


#57
2,4-Dinitrotoluene
Concen: 5.921 ng
RT: 9.880 min Scan# 11
Delta R.T. -0.206 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

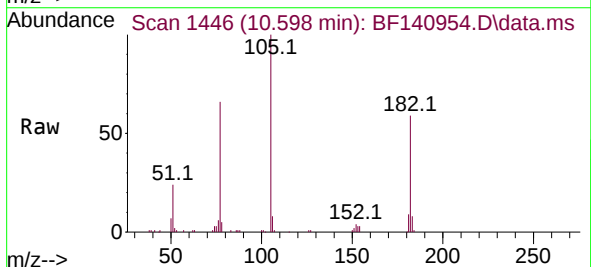
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-09-121224



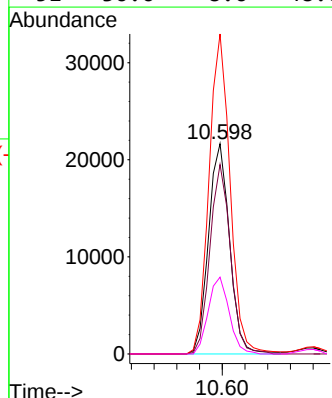
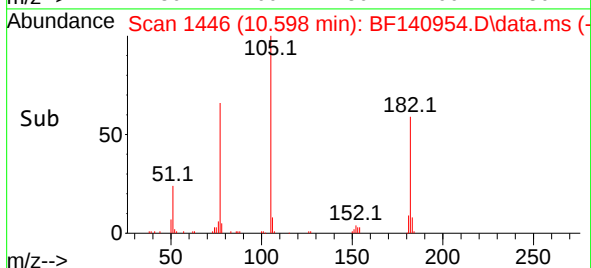
Tgt Ion:165 Resp: 13579
Ion Ratio Lower Upper
165 100
63 0.0 49.3 73.9#
89 0.0 66.2 99.4#
182 0.0 2.1 3.1#

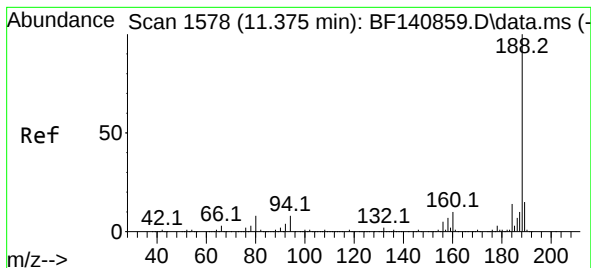


#63
Azobenzene
Concen: 3.760 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.018 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48



Tgt Ion: 77 Resp: 27946
Ion Ratio Lower Upper
77 100
182 90.2 4.5 44.5#
105 152.3 0.9 40.9#
51 36.6 8.6 48.6





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140954.D

Acq: 20 Dec 2024 16:48

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-09-121224

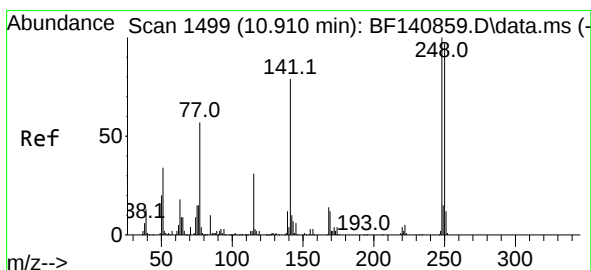
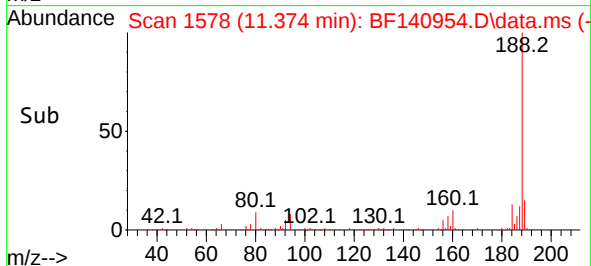
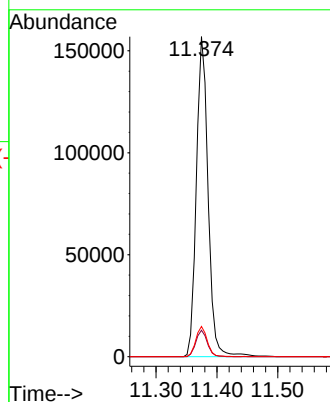
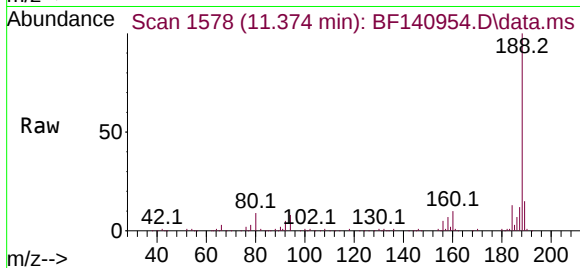
Tgt Ion:188 Resp: 209762

Ion Ratio Lower Upper

188 100

94 8.3 6.4 9.6

80 9.4 6.8 10.2



#67

4-Bromophenyl-phenylether

Concen: 5.714 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.230 min

Lab File: BF140954.D

Acq: 20 Dec 2024 16:48

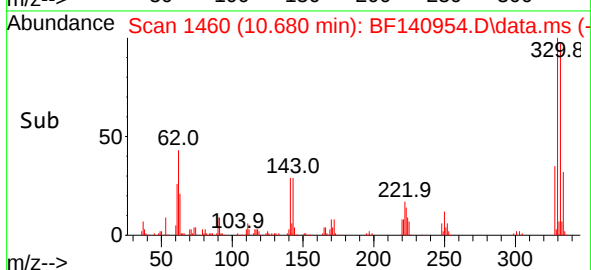
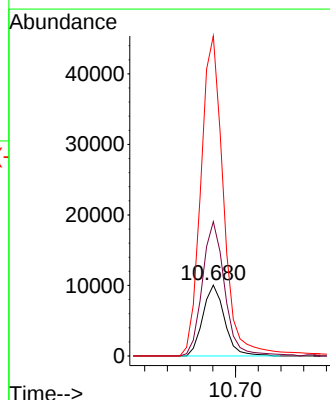
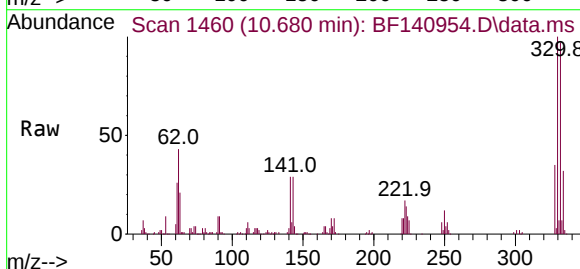
Tgt Ion:248 Resp: 13408

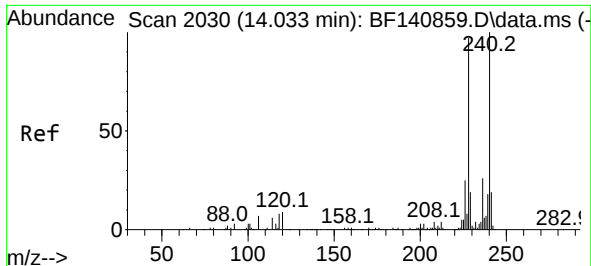
Ion Ratio Lower Upper

248 100

250 189.3 77.4 116.2#

141 451.3 62.9 94.3#

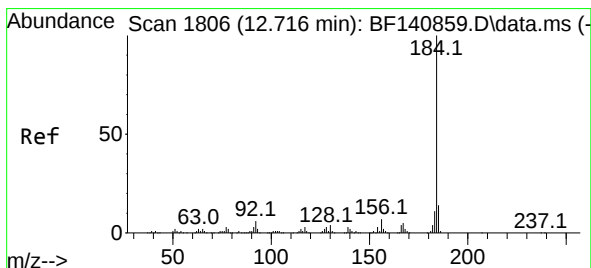
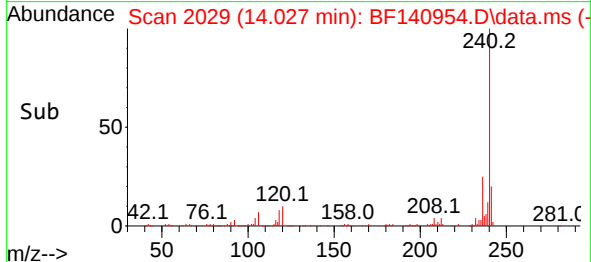
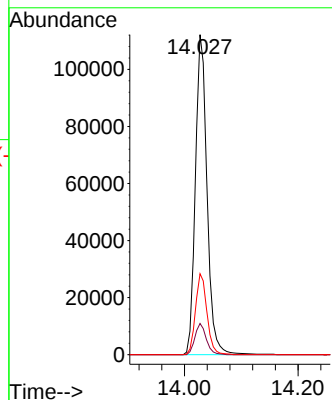
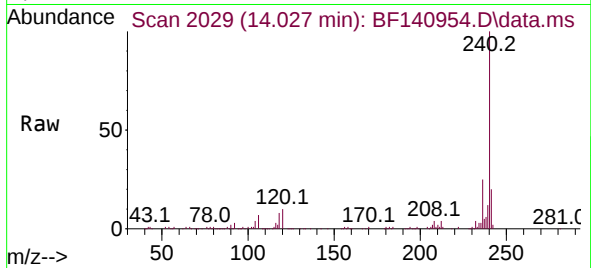




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

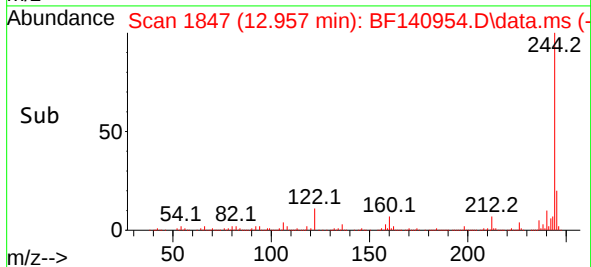
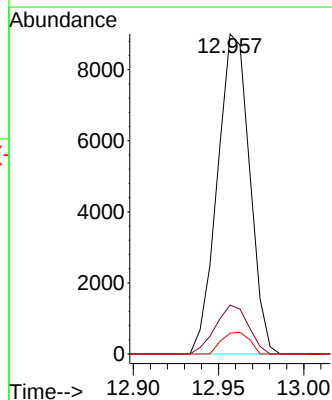
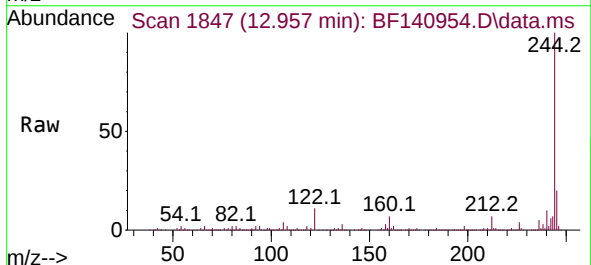
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-09-121224

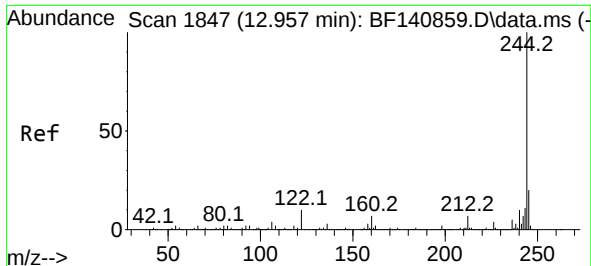
Tgt Ion:240 Resp: 160469
Ion Ratio Lower Upper
240 100
120 9.8 7.6 11.4
236 25.3 20.5 30.7



#77
Benzidine
Concen: 3.615 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF140954.D
Acq: 20 Dec 2024 16:48

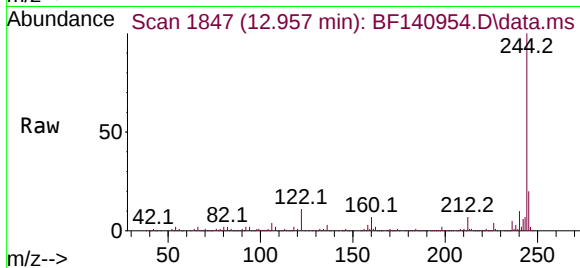
Tgt Ion:184 Resp: 11841
Ion Ratio Lower Upper
184 100
185 15.3 11.1 16.7
183 6.5 9.0 13.4#



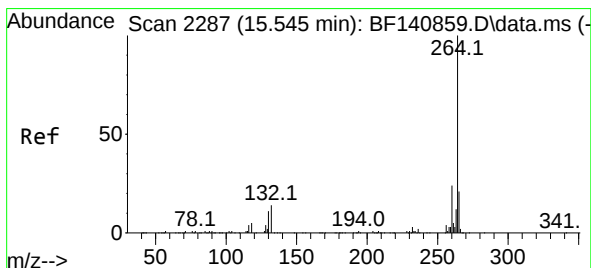
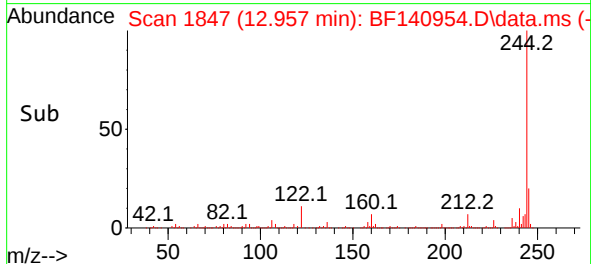
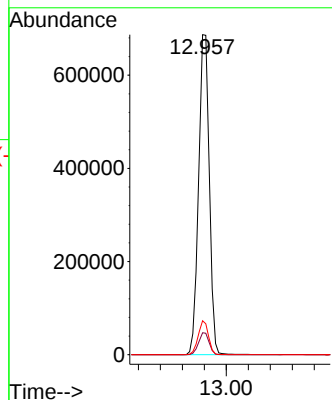


#79
 Terphenyl-d14
 Concen: 91.486 ng
 RT: 12.957 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140954.D
 Acq: 20 Dec 2024 16:48

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-09-121224



Tgt Ion:244 Resp: 931004
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 10.6 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. -0.024 min
 Lab File: BF140954.D
 Acq: 20 Dec 2024 16:48

Tgt Ion:264 Resp: 118975
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.1 28.7
 265 21.3 17.0 25.4

