

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140946.D
 Acq On : 20 Dec 2024 13:18
 Operator : RC/JU
 Sample : P5306-11
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-12-121224

Quant Time: Dec 20 13:39:30 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)

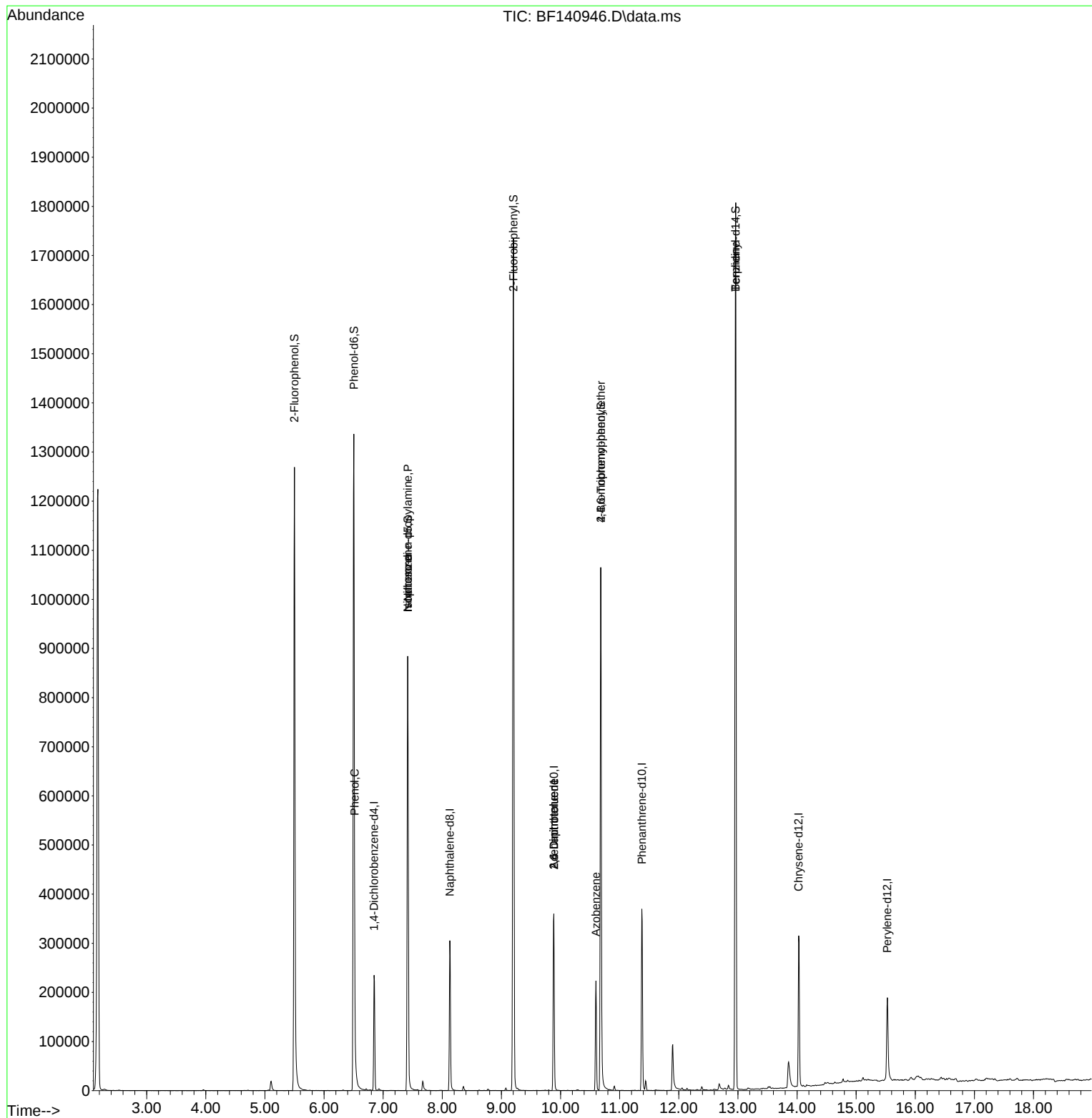
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	54430	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	210139	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	120116	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	210542	20.000	ng	0.00
76) Chrysene-d12	14.027	240	164330	20.000	ng	0.00
86) Perylene-d12	15.527	264	118564	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	537650	162.607	ng	0.01
7) Phenol-d6	6.504	99	720849	164.600	ng	0.00
23) Nitrobenzene-d5	7.416	82	430956	102.604	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	206669	145.477	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	829891	94.989	ng	0.00
79) Terphenyl-d14	12.963	244	928505	89.097	ng	0.00
Target Compounds						
						Qvalue
10) Phenol	6.516	94	9897	2.180	ng	# 27
19) n-Nitroso-di-n-propyla...	7.416	70	56682	21.577	ng	# 76
25) Isophorone	7.416	82	427553	60.753	ng	# 65
51) 2,6-Dinitrotoluene	9.886	165	14869	7.680	ng	# 22
57) 2,4-Dinitrotoluene	9.886	165	14869	5.837	ng	# 16
63) Azobenzene	10.598	77	57777	6.998	ng	# 1
67) 4-Bromophenyl-phenylether	10.681	248	12526	5.318	ng	# 1
77) Benzidine	12.963	184	11548	3.443	ng	# 92

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

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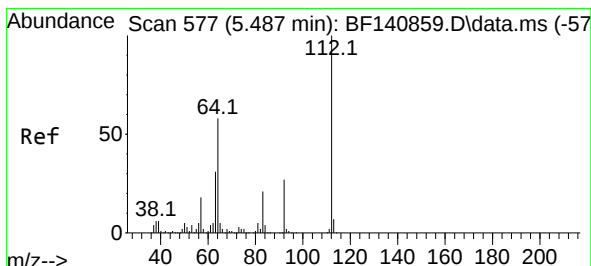
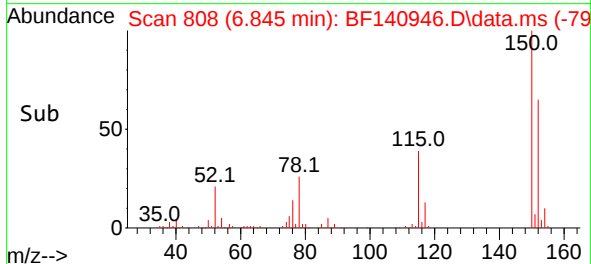
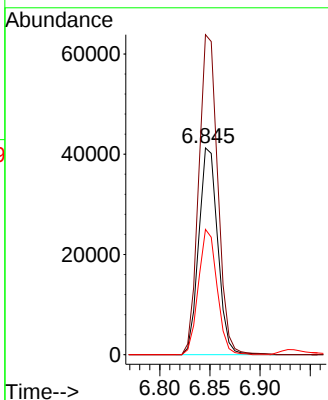
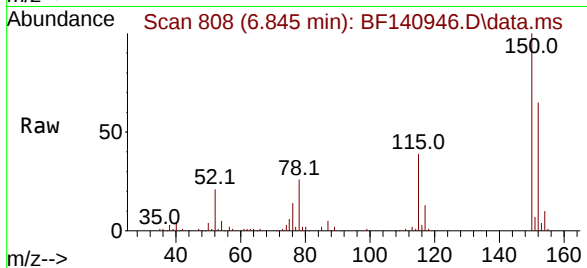




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

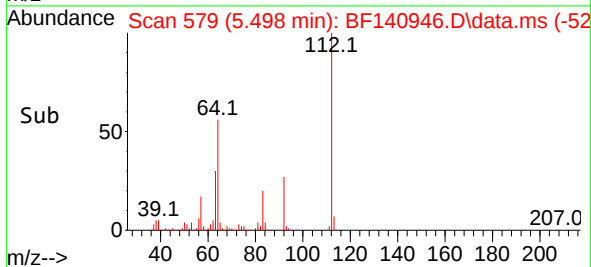
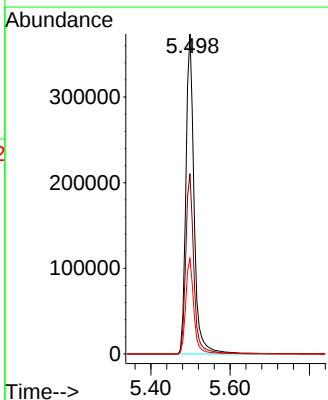
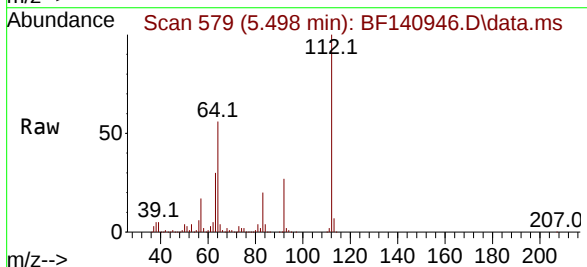
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-12-121224

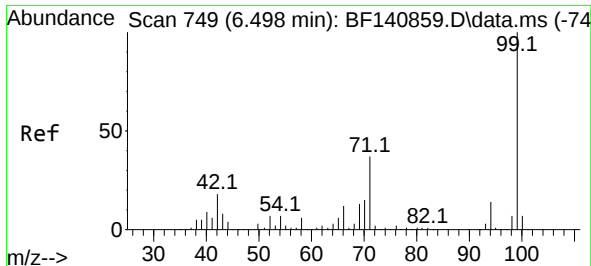
Tgt Ion:152 Resp: 54430
Ion Ratio Lower Upper
152 100
150 154.8 127.9 191.9
115 60.6 48.0 72.0



#5
2-Fluorophenol
Concen: 162.607 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

Tgt Ion:112 Resp: 537650
Ion Ratio Lower Upper
112 100
64 56.3 46.1 69.1
63 29.8 24.9 37.3

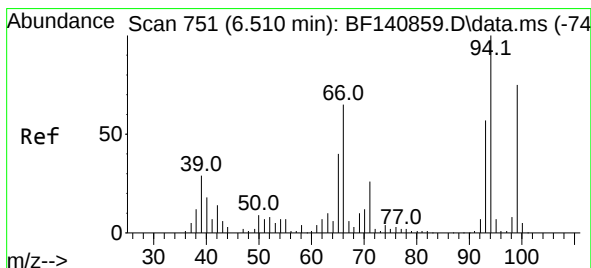
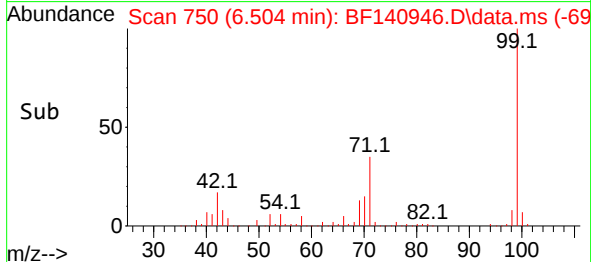
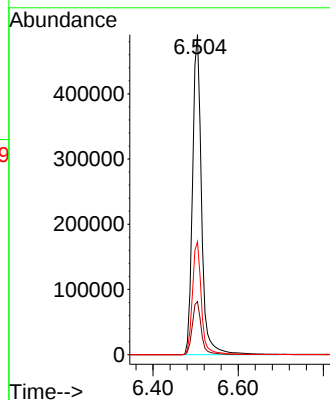
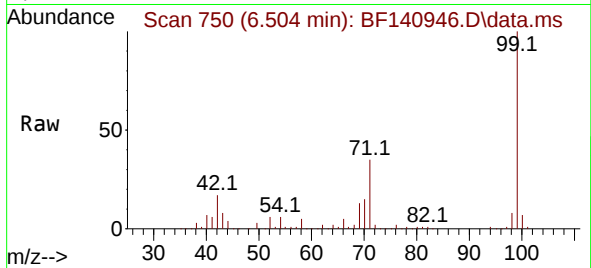




#7
Phenol-d6
Concen: 164.600 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

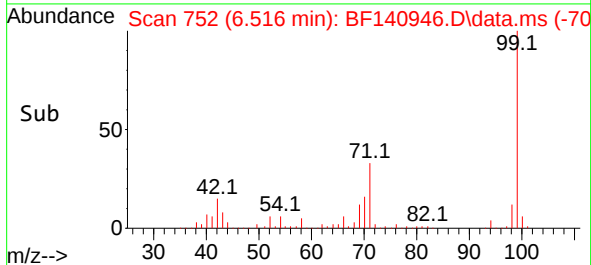
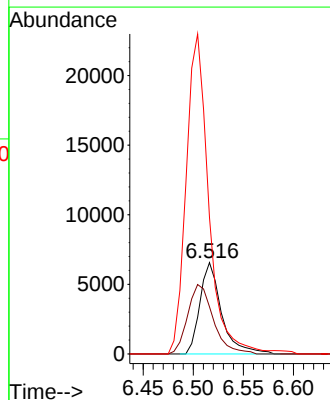
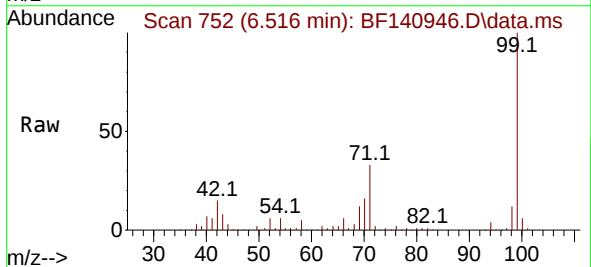
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-12-121224

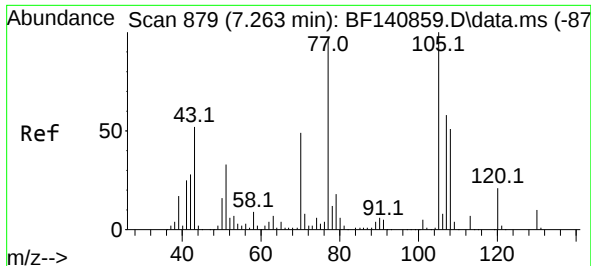
Tgt Ion: 99 Resp: 720849
Ion Ratio Lower Upper
99 100
42 16.6 14.3 21.5
71 35.3 29.9 44.9



#10
Phenol
Concen: 2.180 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.006 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

Tgt Ion: 94 Resp: 9897
Ion Ratio Lower Upper
94 100
65 51.6 19.9 59.9
66 149.4 45.6 85.6#





#19

n-Nitroso-di-n-propylamine

Concen: 21.577 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.153 min

Lab File: BF140946.D

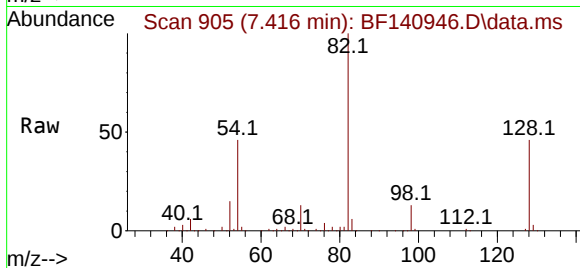
Acq: 20 Dec 2024 13:18

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-12-121224



Tgt Ion: 70 Resp: 56682

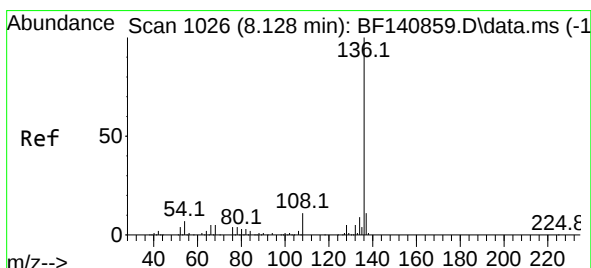
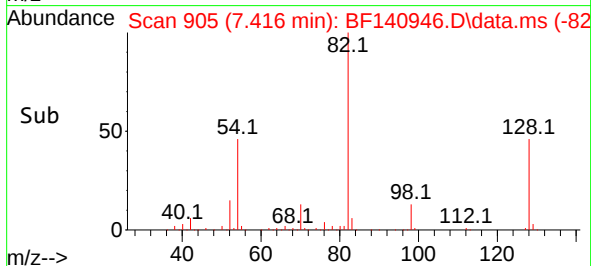
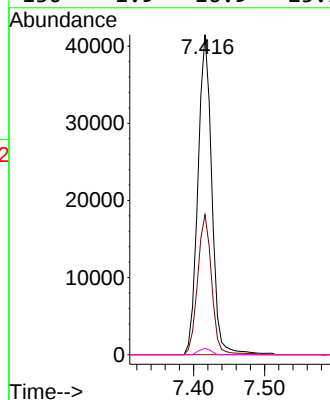
Ion Ratio Lower Upper

70 100

42 43.7 45.3 67.9#

101 0.0 8.0 12.0#

130 1.9 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: BF140946.D

Acq: 20 Dec 2024 13:18

Tgt Ion: 136 Resp: 210139

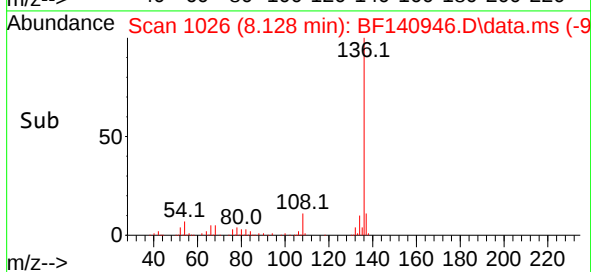
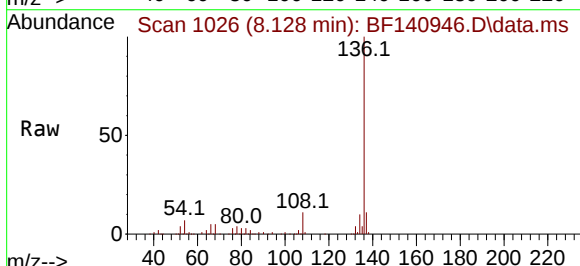
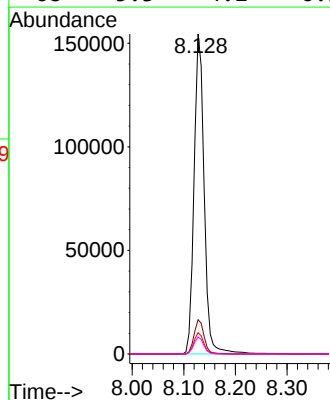
Ion Ratio Lower Upper

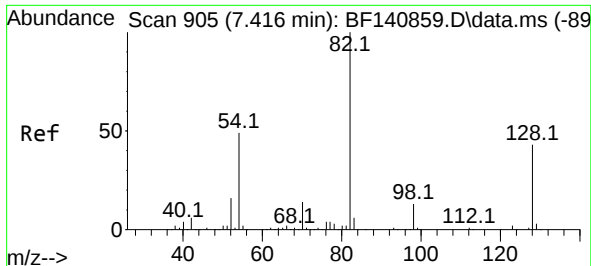
136 100

137 10.7 9.0 13.4

54 6.7 5.6 8.4

68 5.3 4.2 6.2

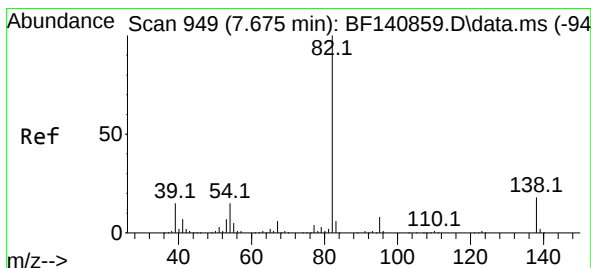
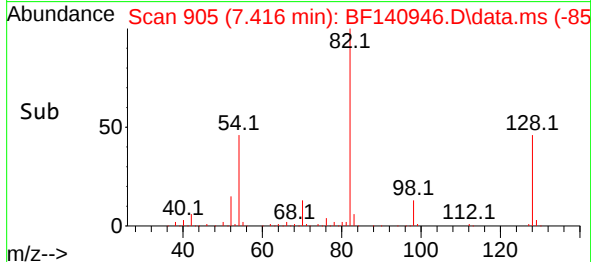
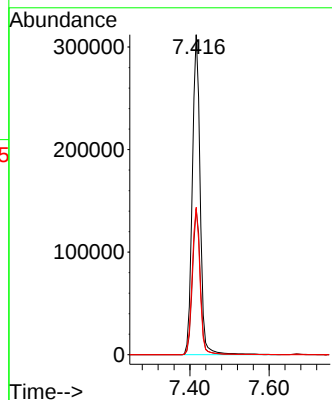
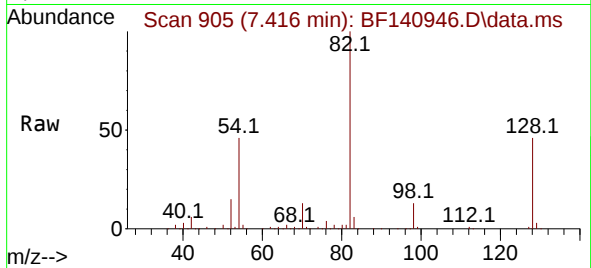




#23
Nitrobenzene-d5
Concen: 102.604 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

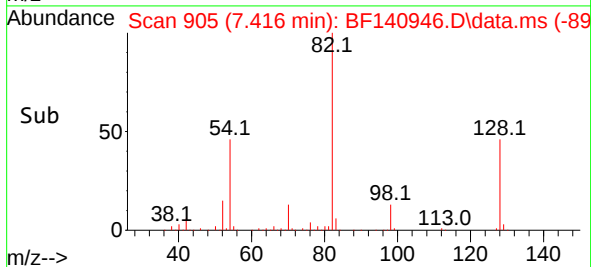
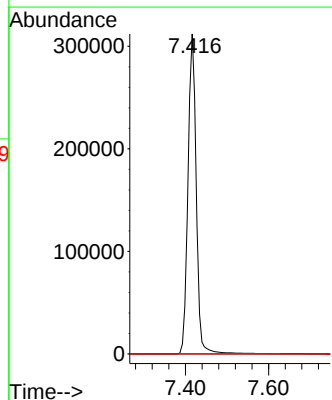
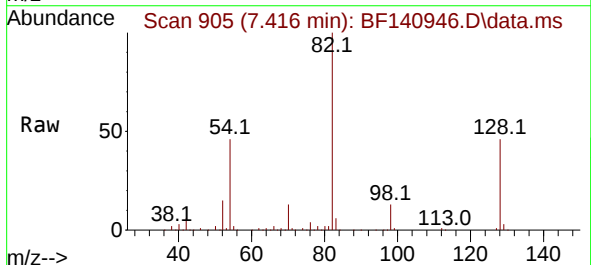
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-12-121224

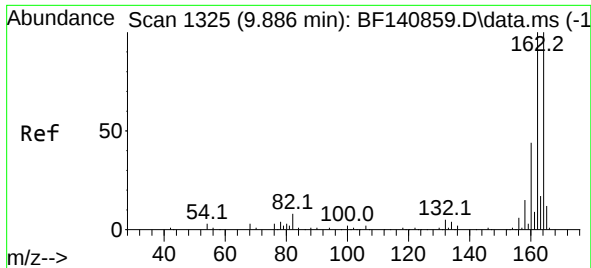
Tgt Ion: 82 Resp: 430956
Ion Ratio Lower Upper
82 100
128 45.6 34.4 51.6
54 46.0 38.8 58.2



#25
Isophorone
Concen: 60.753 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

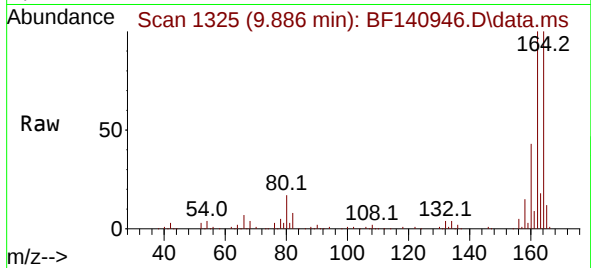
Tgt Ion: 82 Resp: 427553
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



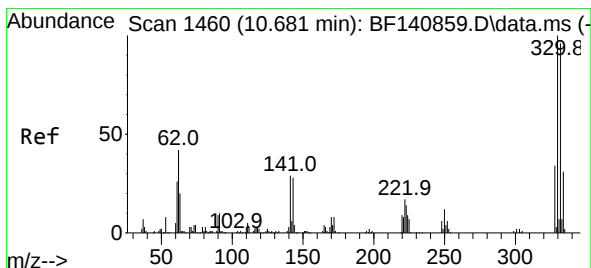
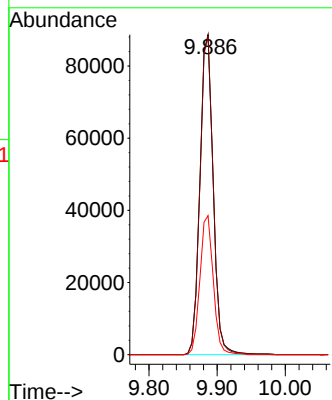
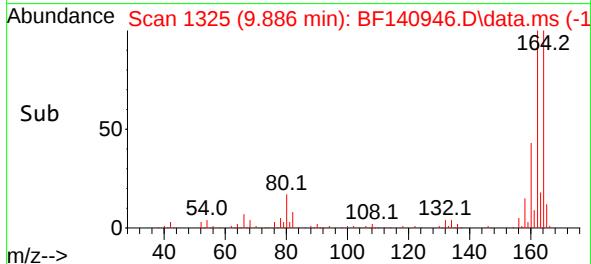


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.886 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF140946.D
 Acq: 20 Dec 2024 13:18

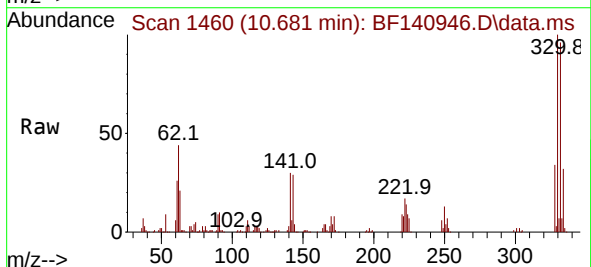
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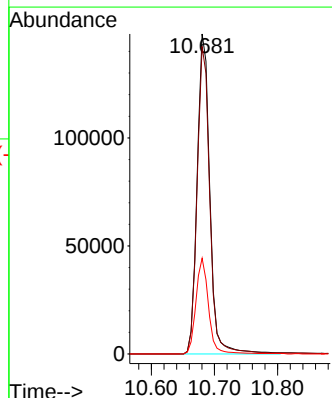
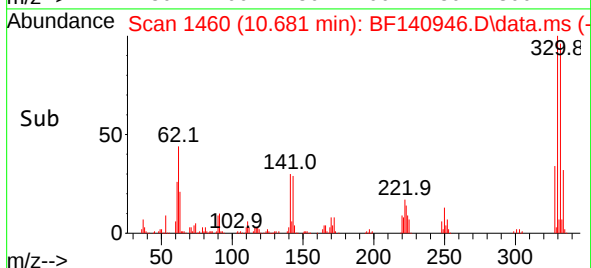
Tgt Ion:164 Resp: 120116
 Ion Ratio Lower Upper
 164 100
 162 99.5 79.9 119.9
 160 43.5 35.2 52.8

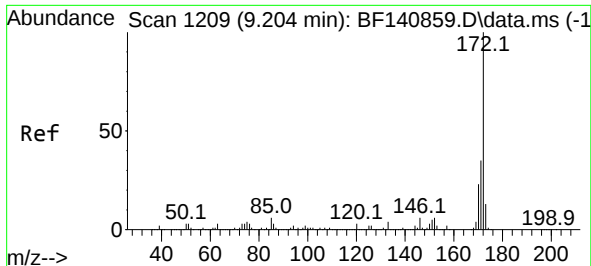


#42
 2,4,6-Tribromophenol
 Concen: 145.477 ng
 RT: 10.681 min Scan# 1460
 Delta R.T. -0.000 min
 Lab File: BF140946.D
 Acq: 20 Dec 2024 13:18



Tgt Ion:330 Resp: 206669
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.2 114.4
 141 29.9 24.9 37.3

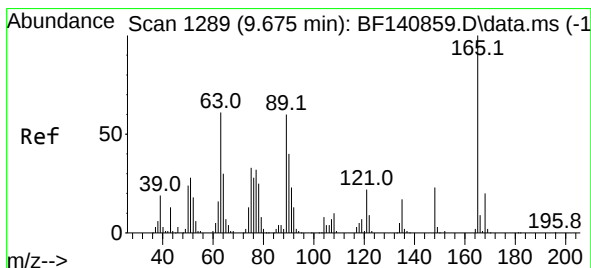
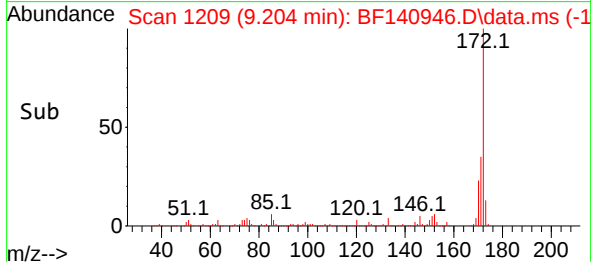
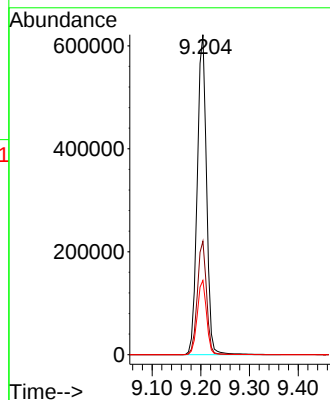
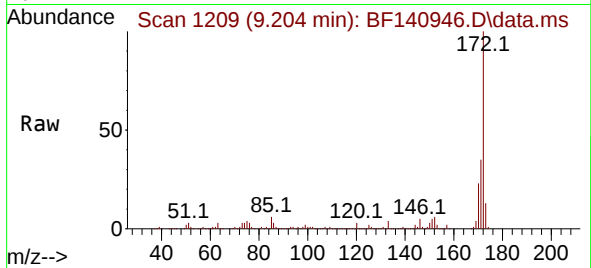




#45
2-Fluorobiphenyl
Concen: 94.989 ng
RT: 9.204 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

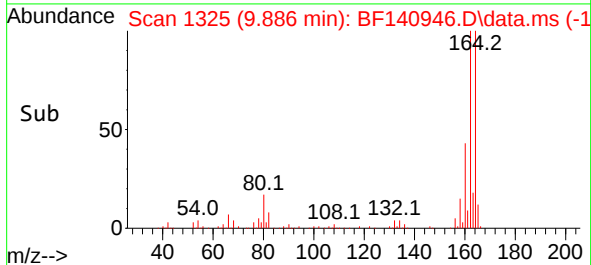
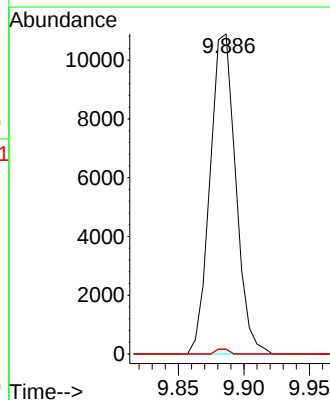
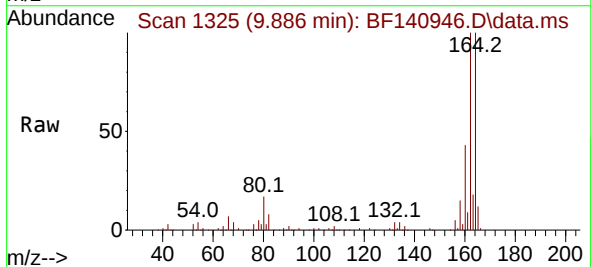
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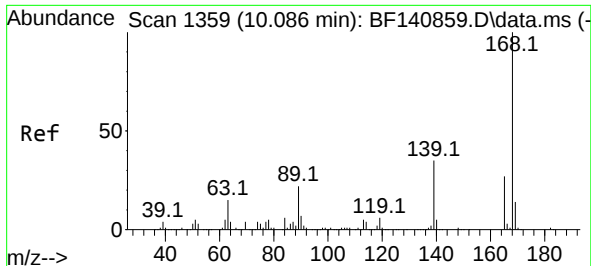
Tgt Ion:172 Resp: 829891
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.2 18.6 28.0



#51
2,6-Dinitrotoluene
Concen: 7.680 ng
RT: 9.886 min Scan# 1325
Delta R.T. 0.212 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

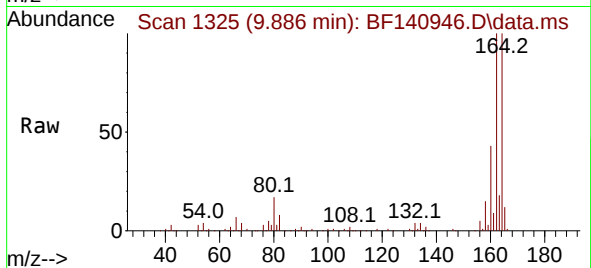
Tgt Ion:165 Resp: 14869
Ion Ratio Lower Upper
165 100
63 1.4 49.7 74.5#
89 1.5 48.2 72.4#



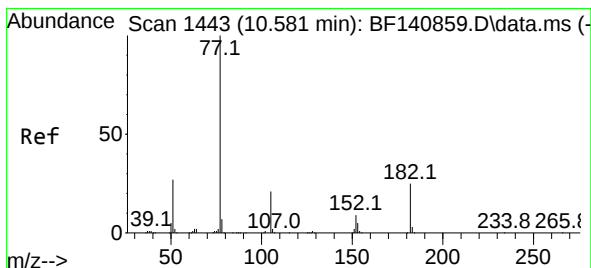
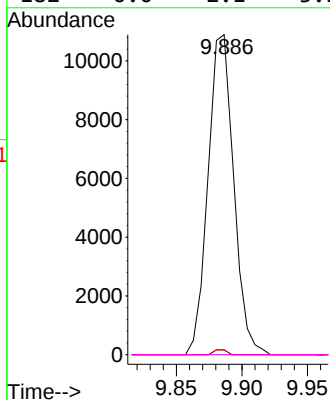
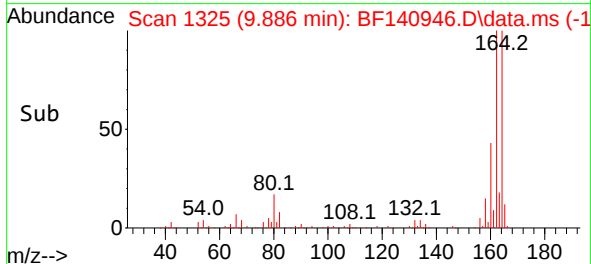


#57
2,4-Dinitrotoluene
Concen: 5.837 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

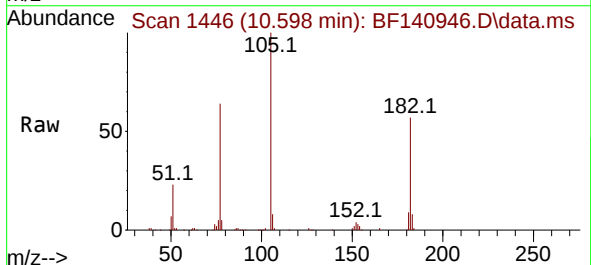
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-12-121224



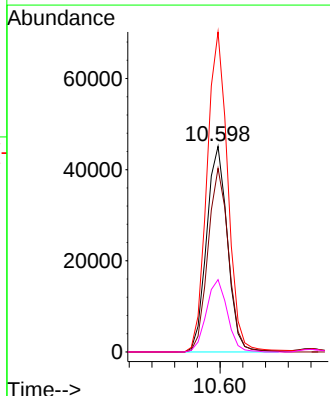
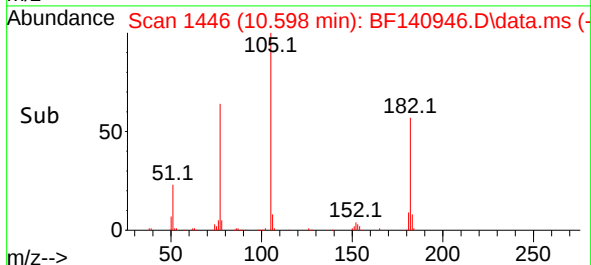
Tgt Ion:165 Resp: 14869
Ion Ratio Lower Upper
165 100
63 1.4 49.3 73.9#
89 1.5 66.2 99.4#
182 0.0 2.1 3.1#

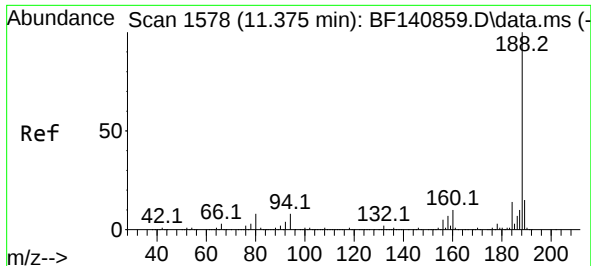


#63
Azobenzene
Concen: 6.998 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.018 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18



Tgt Ion: 77 Resp: 57777
Ion Ratio Lower Upper
77 100
182 89.3 4.5 44.5#
105 155.6 0.9 40.9#
51 35.2 8.6 48.6

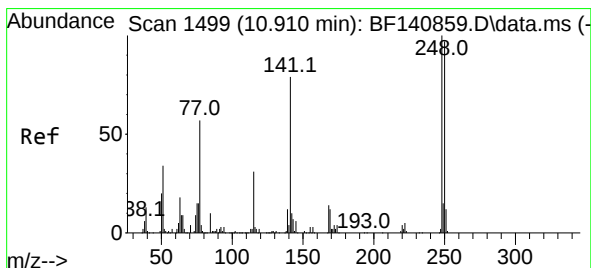
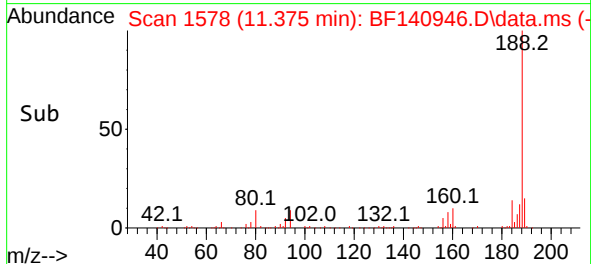
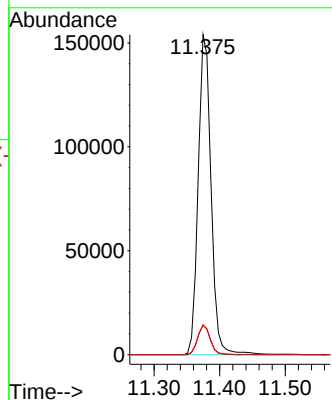
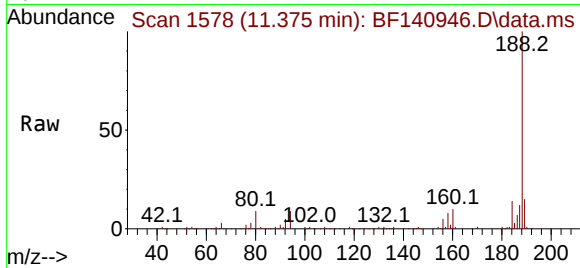




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

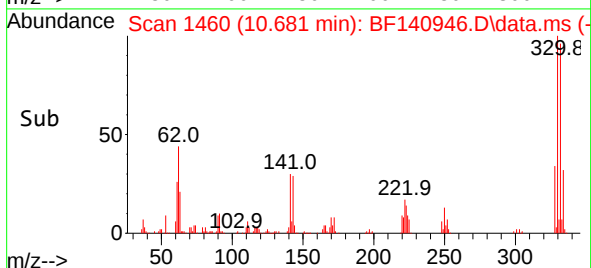
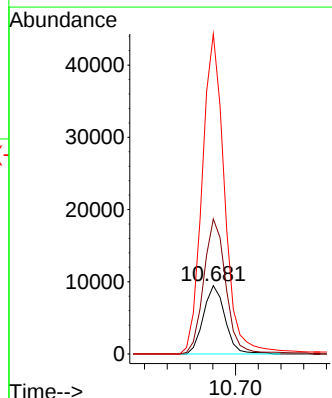
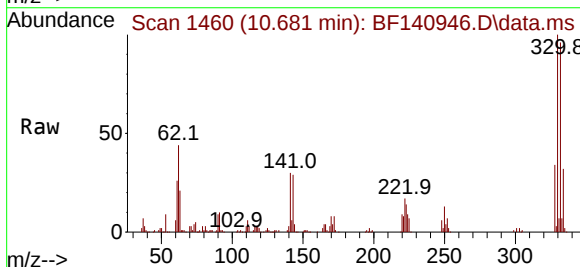
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-12-121224

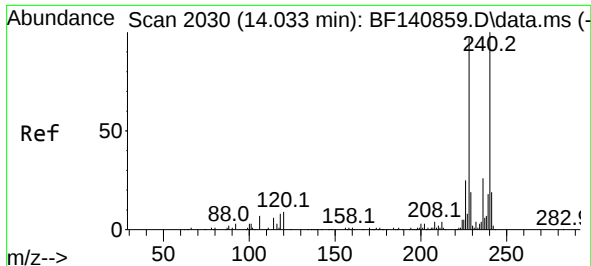
Tgt Ion:188 Resp: 210542
Ion Ratio Lower Upper
188 100
94 9.2 6.4 9.6
80 9.3 6.8 10.2



#67
4-Bromophenyl-phenylether
Concen: 5.318 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.229 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

Tgt Ion:248 Resp: 12526
Ion Ratio Lower Upper
248 100
250 197.7 77.4 116.2#
141 468.4 62.9 94.3#

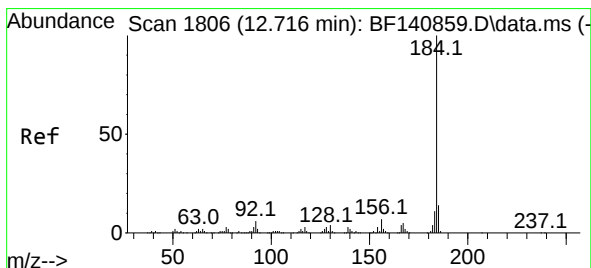
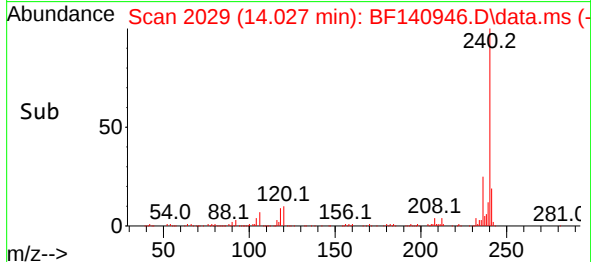
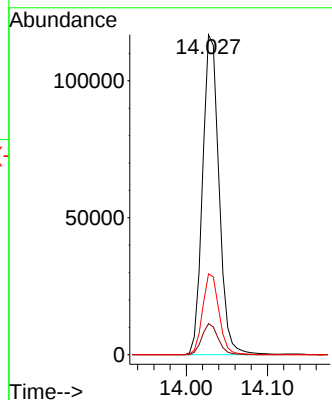
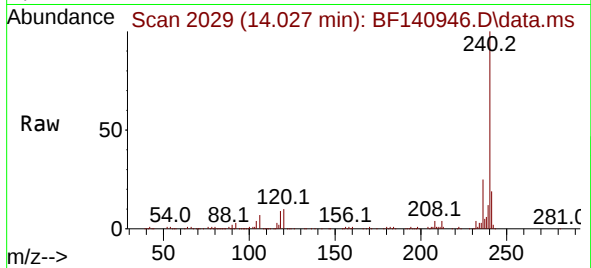




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

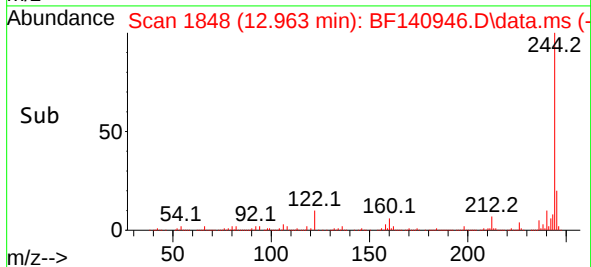
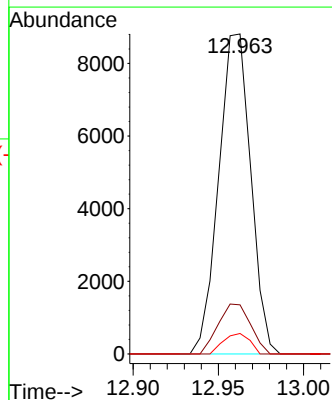
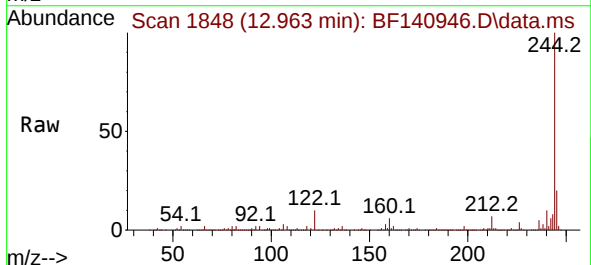
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-12-121224

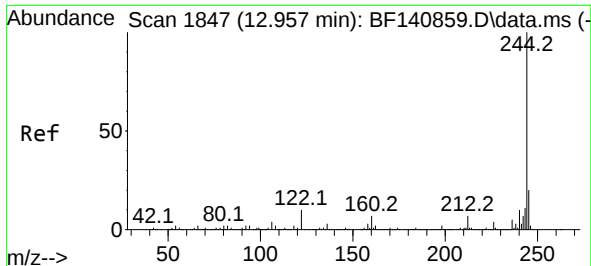
Tgt Ion:240 Resp: 164330
Ion Ratio Lower Upper
240 100
120 9.7 7.6 11.4
236 25.3 20.5 30.7



#77
Benzidine
Concen: 3.443 ng
RT: 12.963 min Scan# 1848
Delta R.T. 0.247 min
Lab File: BF140946.D
Acq: 20 Dec 2024 13:18

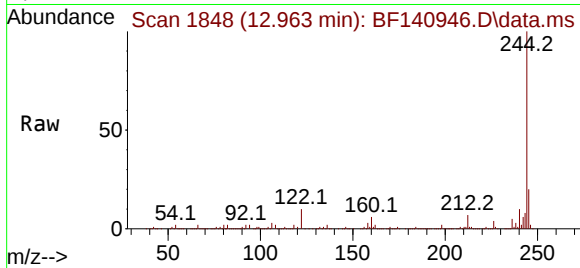
Tgt Ion:184 Resp: 11548
Ion Ratio Lower Upper
184 100
185 15.4 11.1 16.7
183 6.4 9.0 13.4



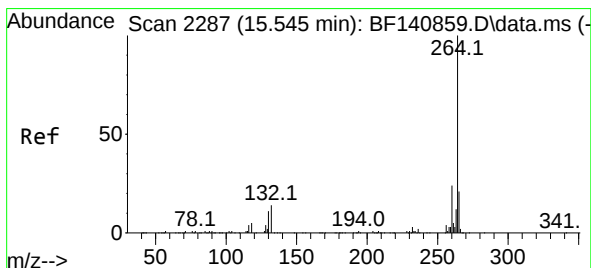
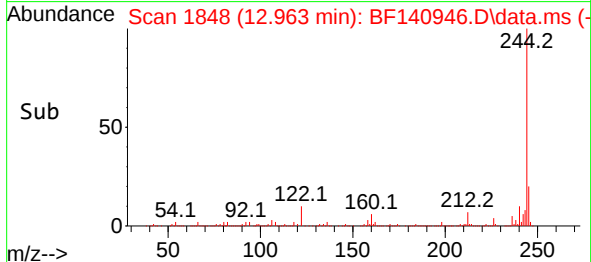
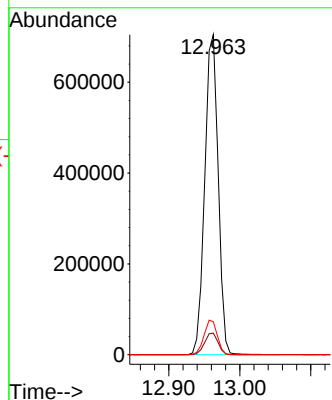


#79
 Terphenyl-d14
 Concen: 89.097 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140946.D
 Acq: 20 Dec 2024 13:18

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-12-121224



Tgt Ion:244 Resp: 928505
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.6 8.4
 122 10.3 8.2 12.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.018 min
 Lab File: BF140946.D
 Acq: 20 Dec 2024 13:18

Tgt Ion:264 Resp: 118564
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.1 17.0 25.4

