

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140947.D
 Acq On : 20 Dec 2024 13:44
 Operator : RC/JU
 Sample : P5306-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Dec 20 14:17:12 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)

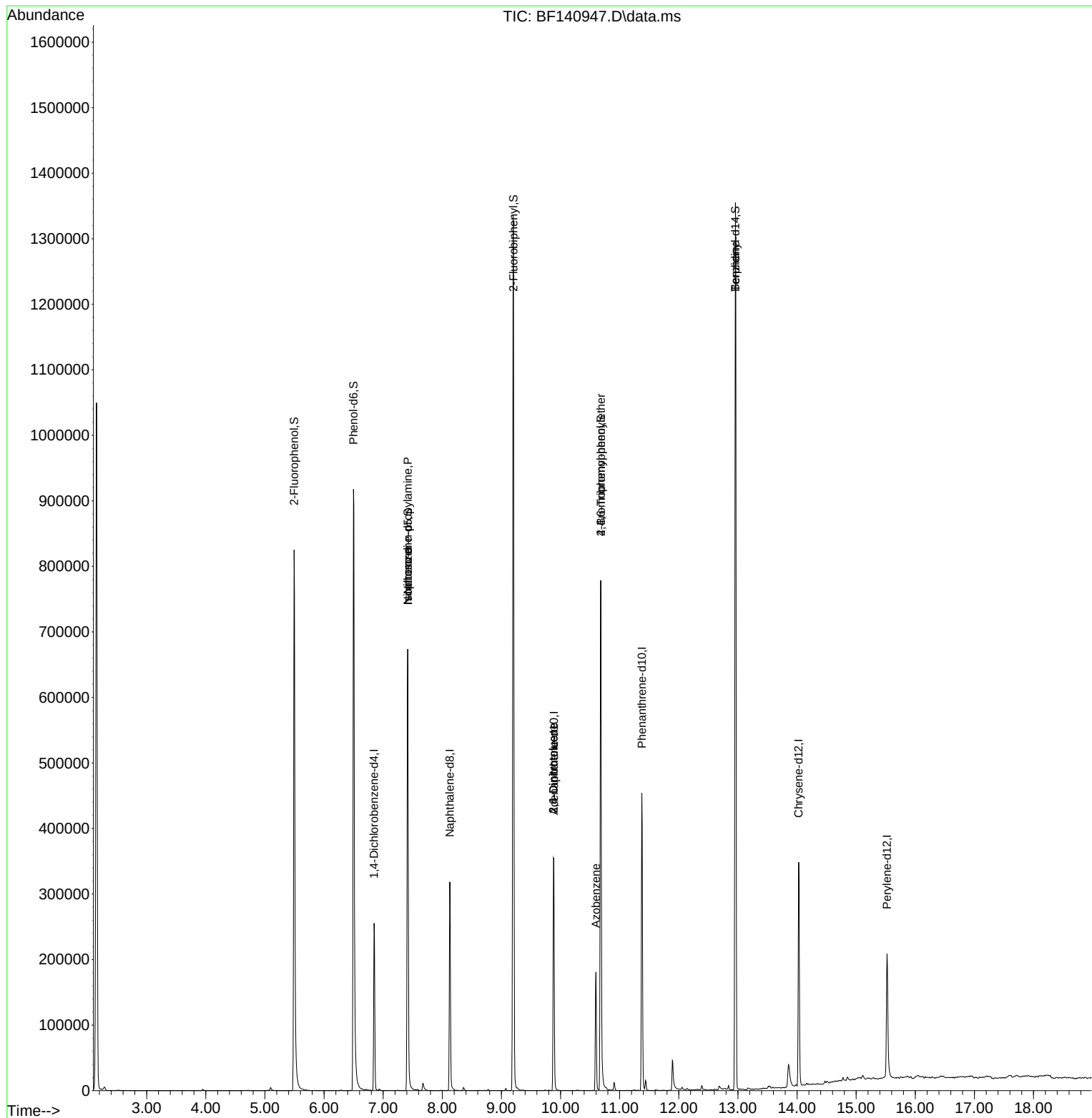
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	58015	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	219653	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	121595	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	255298	20.000	ng	0.00
76) Chrysene-d12	14.027	240	180413	20.000	ng	0.00
86) Perylene-d12	15.521	264	133929	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	375173	106.456	ng	0.00
7) Phenol-d6	6.498	99	515012	110.332	ng	0.00
23) Nitrobenzene-d5	7.416	82	322489	73.454	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	154397	107.360	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	648580	73.334	ng	0.00
79) Terphenyl-d14	12.957	244	694475	60.699	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	42526	15.188	ng	# 76
25) Isophorone	7.416	82	319159	43.386	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	15672	7.997	ng	# 21
57) 2,4-Dinitrotoluene	9.881	165	15672	6.078	ng	# 15
63) Azobenzene	10.598	77	49364	5.907	ng	# 1
67) 4-Bromophenyl-phenylether	10.681	248	9749	3.413	ng	# 1
77) Benzidine	12.957	184	8617	2.340	ng	# 92

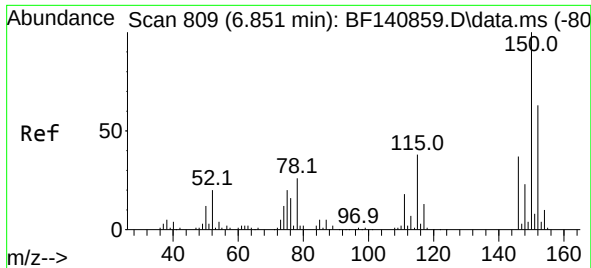
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
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OU4-VSL-11-121224

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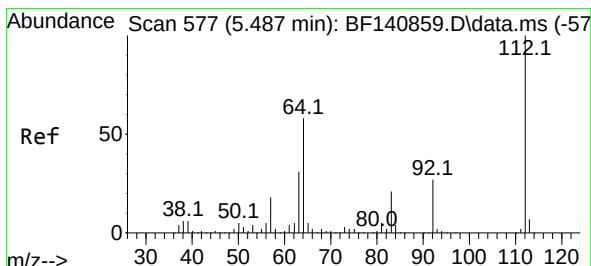
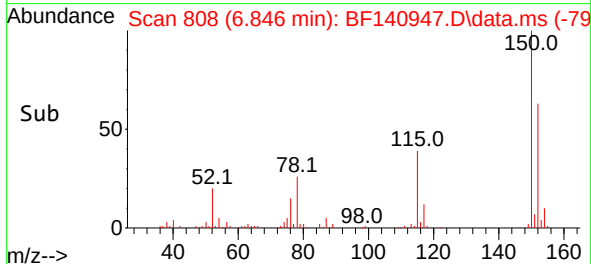
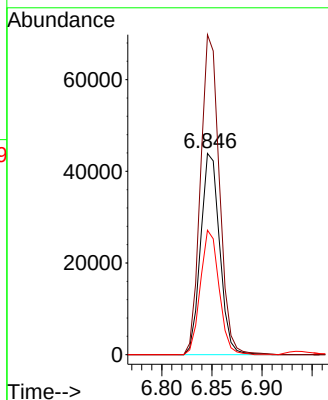
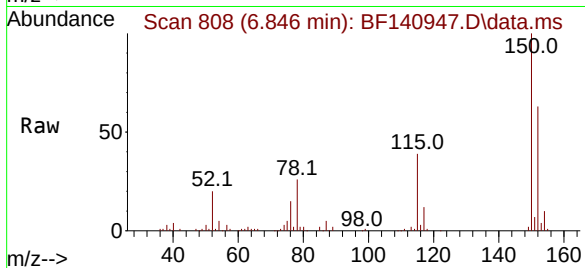




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

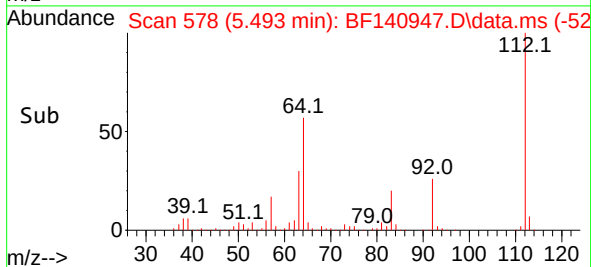
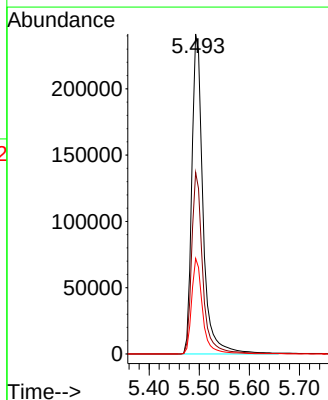
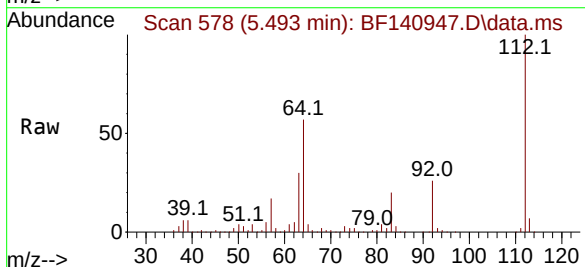
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224

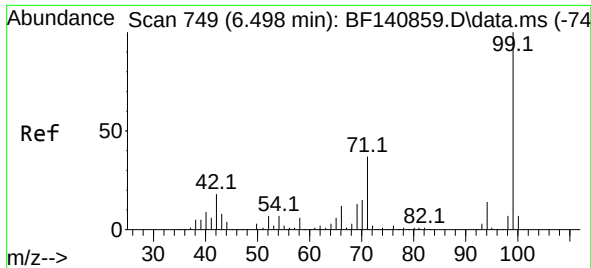
Tgt Ion:152 Resp: 58015
Ion Ratio Lower Upper
152 100
150 159.0 127.9 191.9
115 61.9 48.0 72.0



#5
2-Fluorophenol
Concen: 106.456 ng
RT: 5.493 min Scan# 578
Delta R.T. 0.006 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

Tgt Ion:112 Resp: 375173
Ion Ratio Lower Upper
112 100
64 56.8 46.1 69.1
63 29.9 24.9 37.3

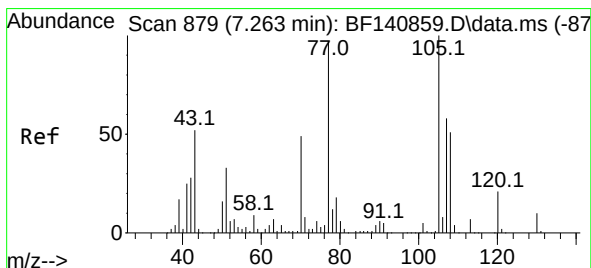
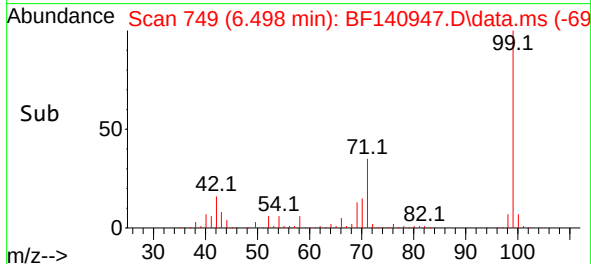
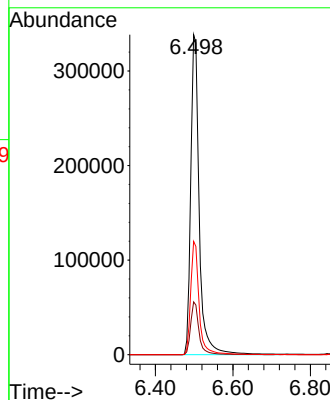
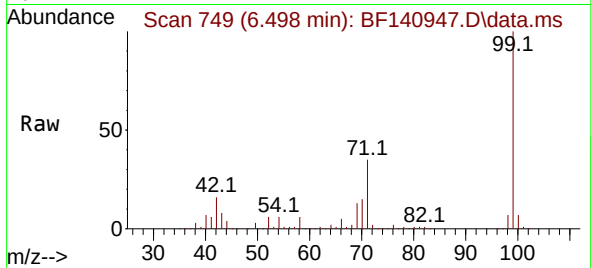




#7
Phenol-d6
Concen: 110.332 ng
RT: 6.498 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

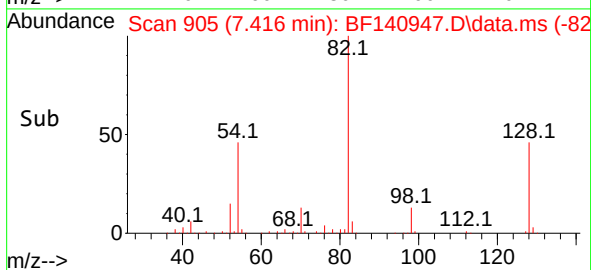
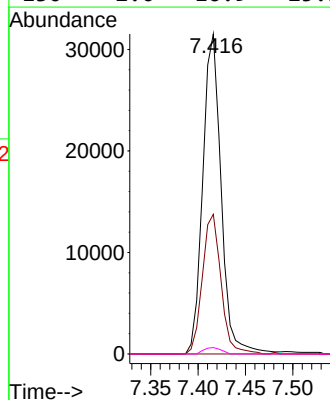
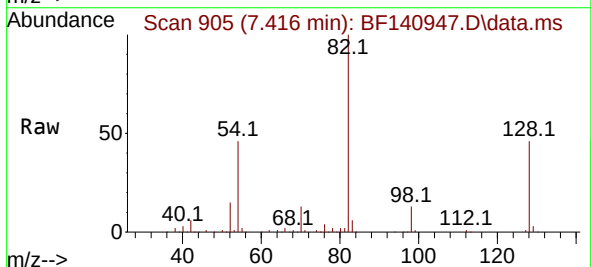
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224

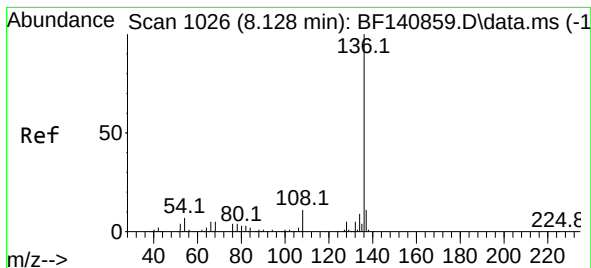
Tgt Ion: 99 Resp: 515012
Ion Ratio Lower Upper
99 100
42 16.5 14.3 21.5
71 35.4 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 15.188 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

Tgt Ion: 70 Resp: 42526
Ion Ratio Lower Upper
70 100
42 43.6 45.3 67.9#
101 0.0 8.0 12.0#
130 2.0 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: BF140947.D

Acq: 20 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224

Tgt Ion:136 Resp: 219653

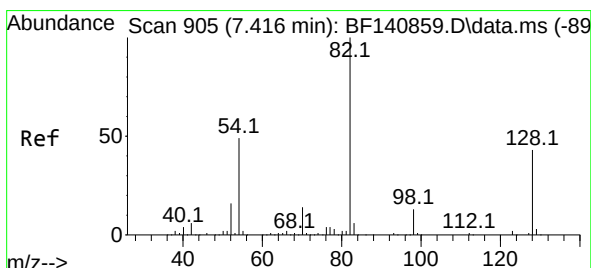
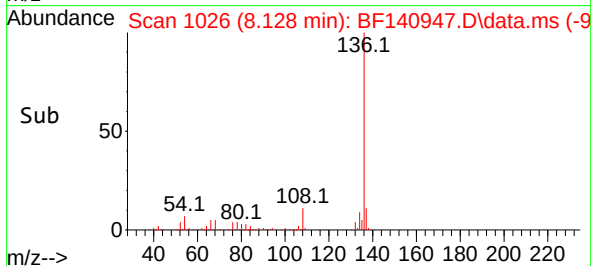
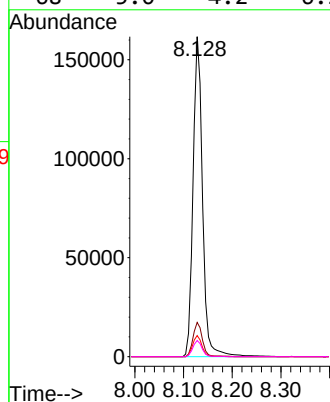
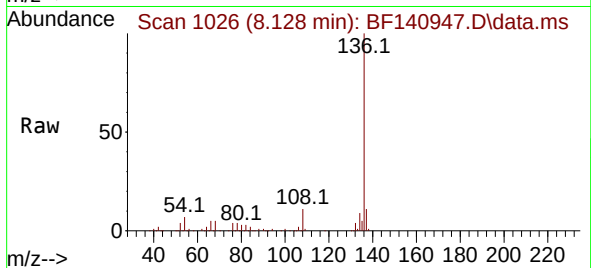
Ion Ratio Lower Upper

136 100

137 10.7 9.0 13.4

54 6.6 5.6 8.4

68 5.0 4.2 6.2



#23

Nitrobenzene-d5

Concen: 73.454 ng

RT: 7.416 min Scan# 905

Delta R.T. 0.000 min

Lab File: BF140947.D

Acq: 20 Dec 2024 13:44

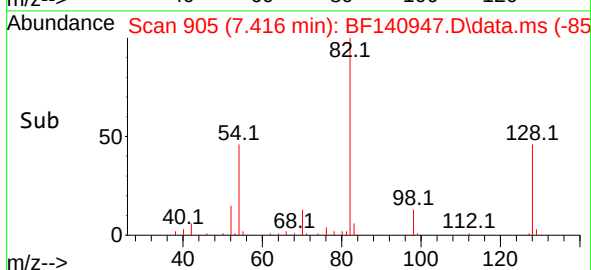
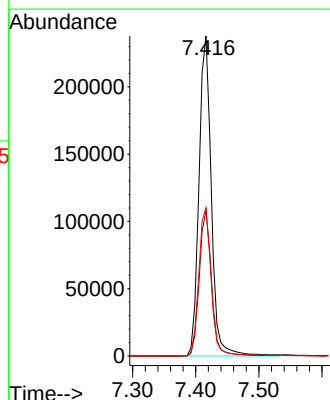
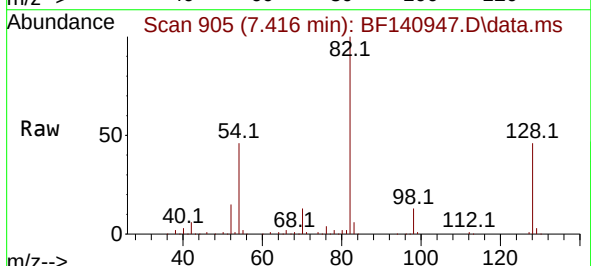
Tgt Ion: 82 Resp: 322489

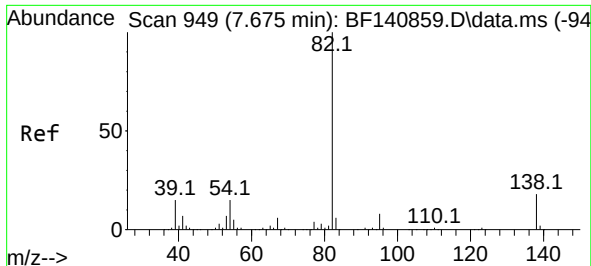
Ion Ratio Lower Upper

82 100

128 45.5 34.4 51.6

54 46.3 38.8 58.2

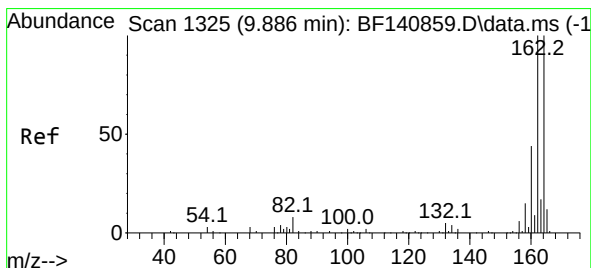
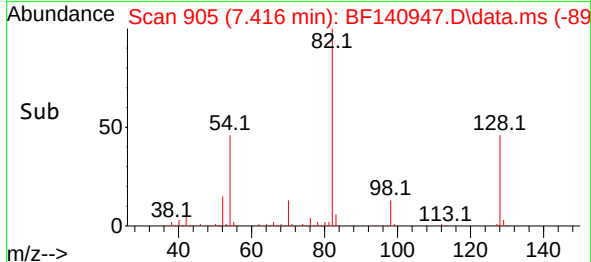
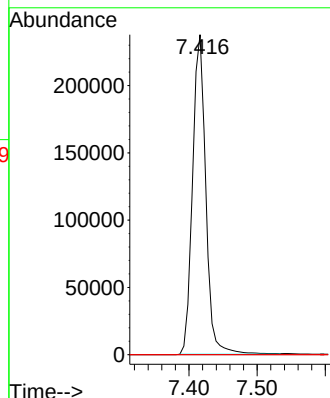
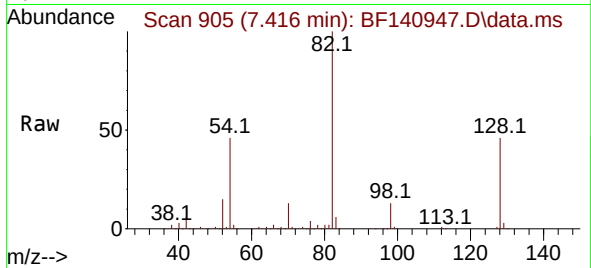




#25
Isophorone
Concen: 43.386 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

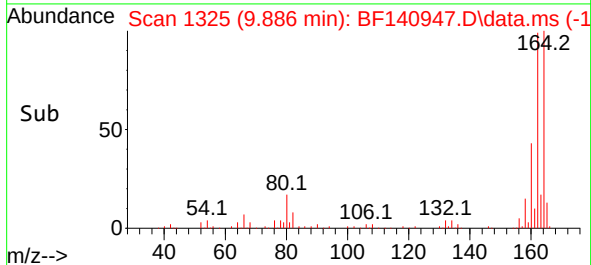
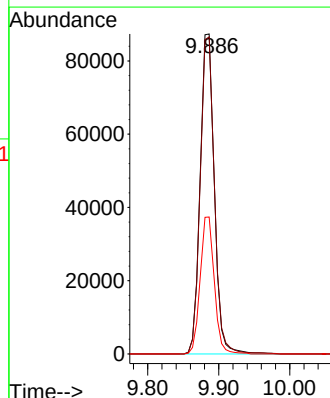
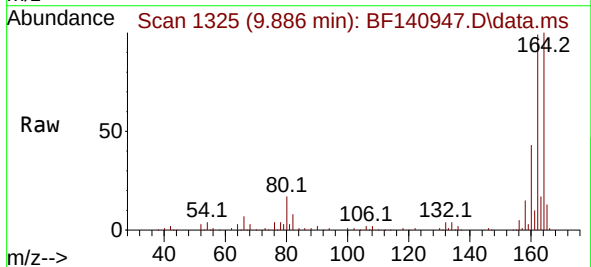
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224

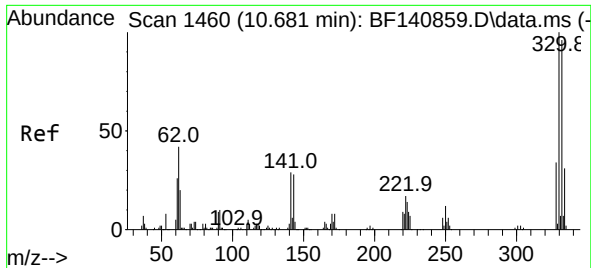
Tgt Ion: 82 Resp: 319159
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

Tgt Ion:164 Resp: 121595
Ion Ratio Lower Upper
164 100
162 99.1 79.9 119.9
160 42.8 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 107.360 ng

RT: 10.681 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF140947.D

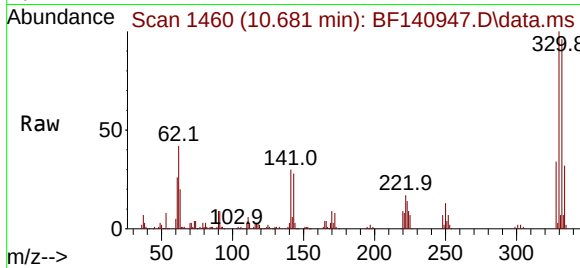
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Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224



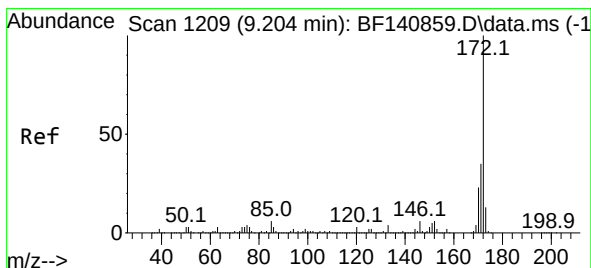
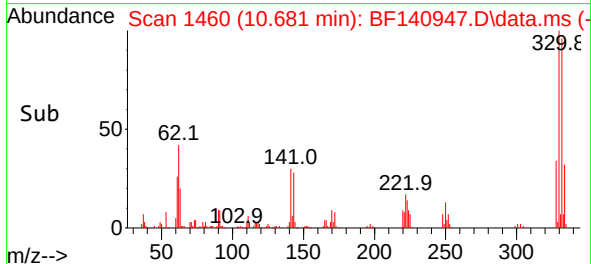
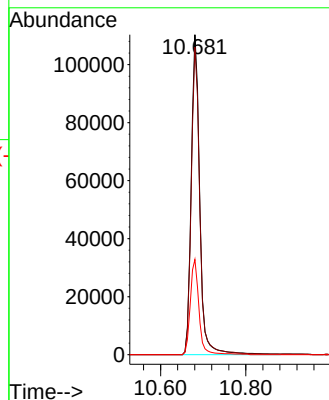
Tgt Ion:330 Resp: 154397

Ion Ratio Lower Upper

330 100

332 96.2 76.2 114.4

141 30.1 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 73.334 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140947.D

Acq: 20 Dec 2024 13:44

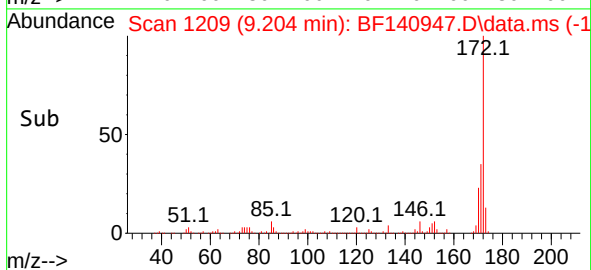
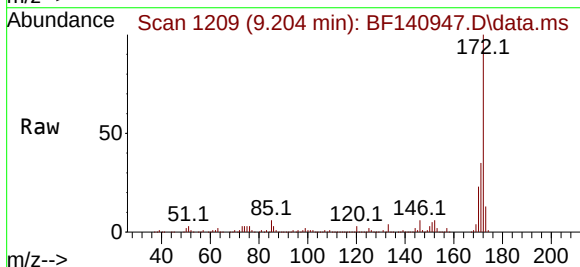
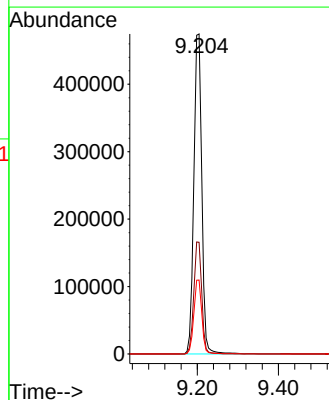
Tgt Ion:172 Resp: 648580

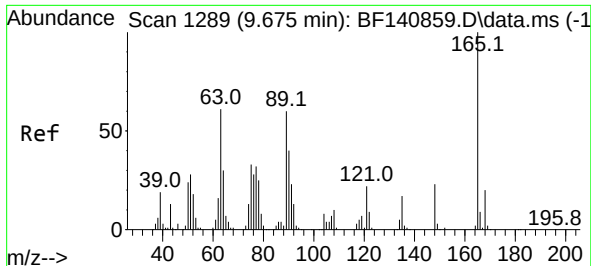
Ion Ratio Lower Upper

172 100

171 34.9 28.4 42.6

170 23.1 18.6 28.0

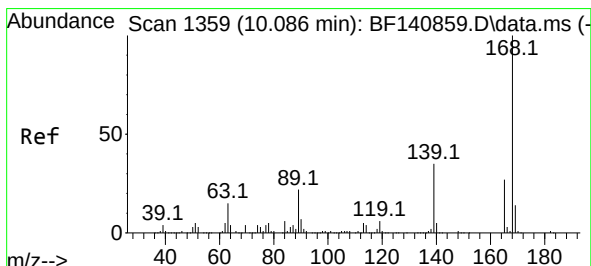
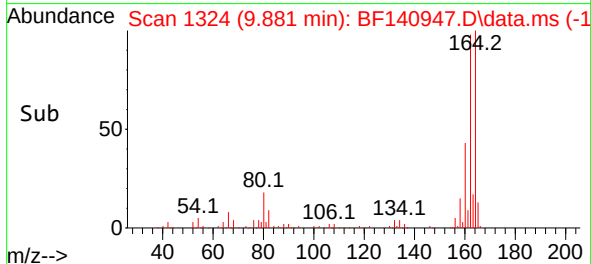
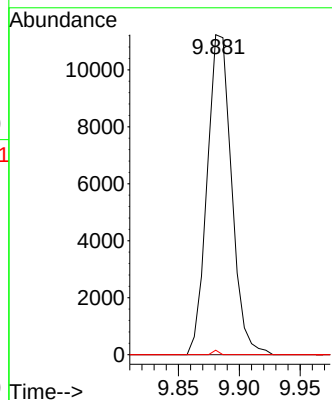
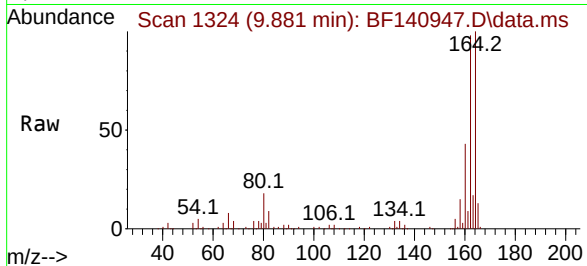




#51
2,6-Dinitrotoluene
Concen: 7.997 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

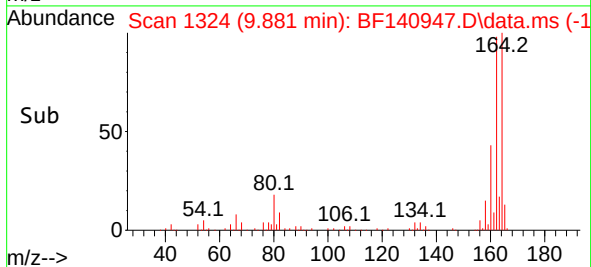
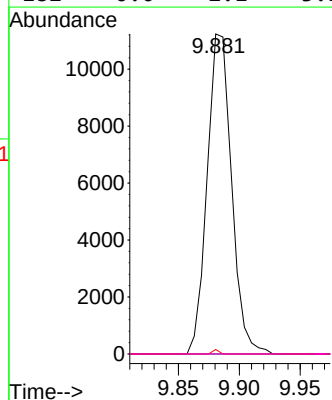
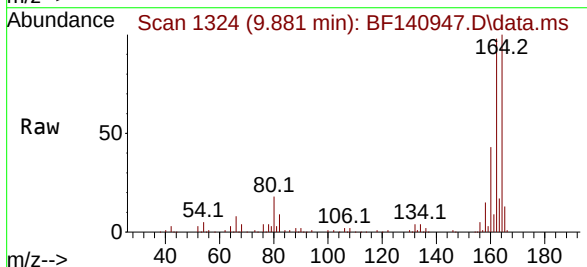
Instrument :
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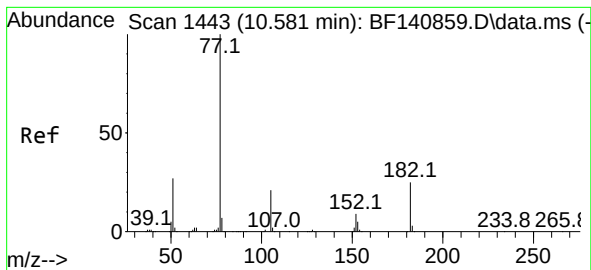
Tgt Ion:165 Resp: 15672
Ion Ratio Lower Upper
165 100
63 0.0 49.7 74.5#
89 1.4 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 6.078 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

Tgt Ion:165 Resp: 15672
Ion Ratio Lower Upper
165 100
63 0.0 49.3 73.9#
89 1.4 66.2 99.4#
182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 5.907 ng

RT: 10.598 min Scan# 1446

Delta R.T. 0.018 min

Lab File: BF140947.D

Acq: 20 Dec 2024 13:44

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-11-121224

Tgt Ion: 77 Resp: 49364

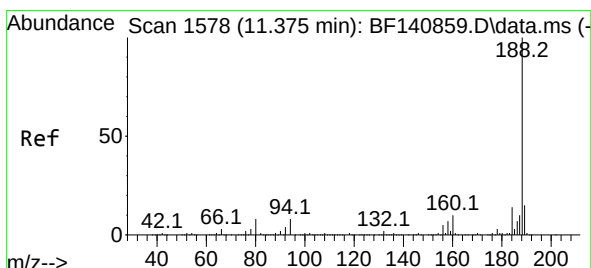
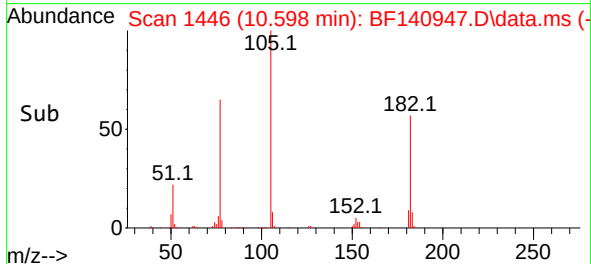
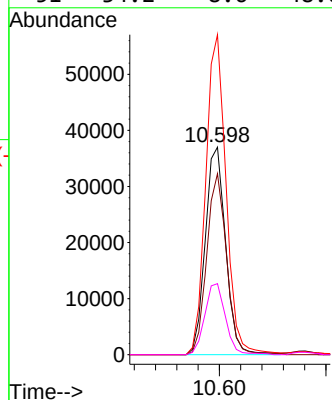
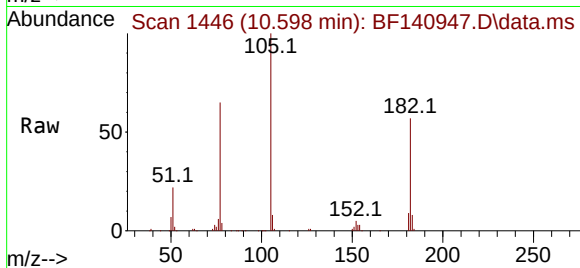
Ion Ratio Lower Upper

77 100

182 87.2 4.5 44.5#

105 154.2 0.9 40.9#

51 34.2 8.6 48.6



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1578

Delta R.T. 0.000 min

Lab File: BF140947.D

Acq: 20 Dec 2024 13:44

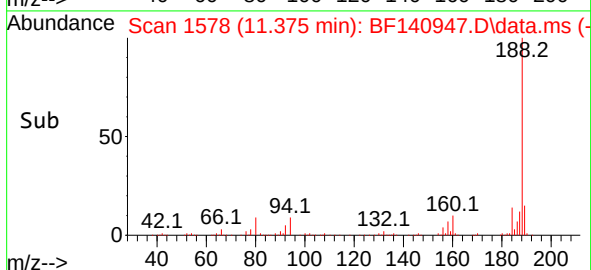
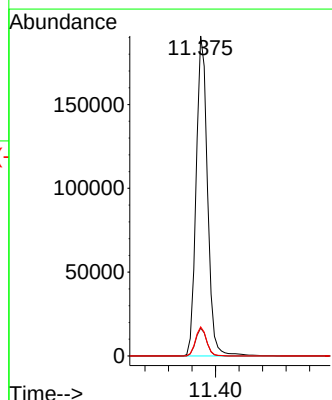
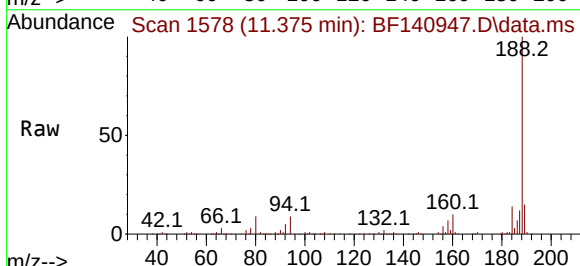
Tgt Ion: 188 Resp: 255298

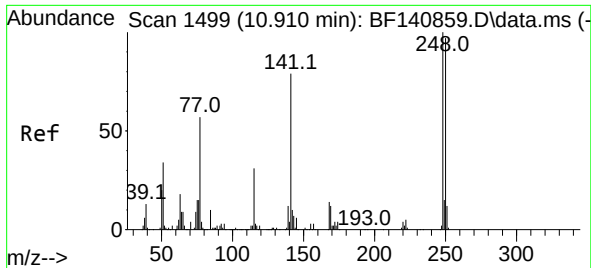
Ion Ratio Lower Upper

188 100

94 8.7 6.4 9.6

80 9.1 6.8 10.2

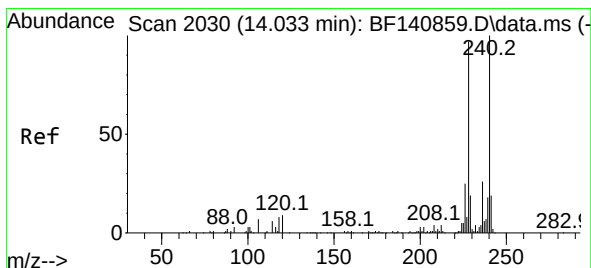
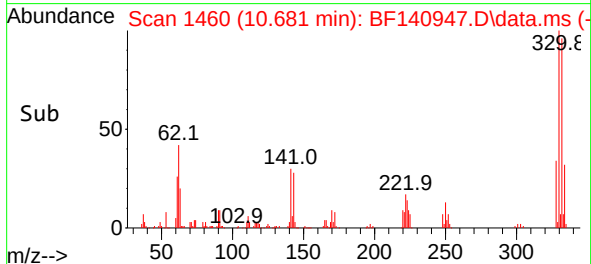
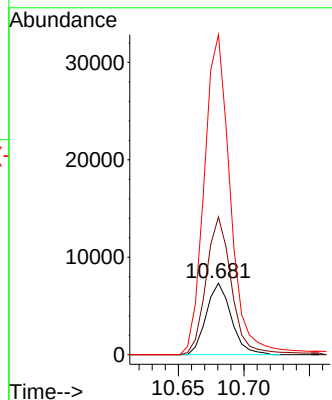
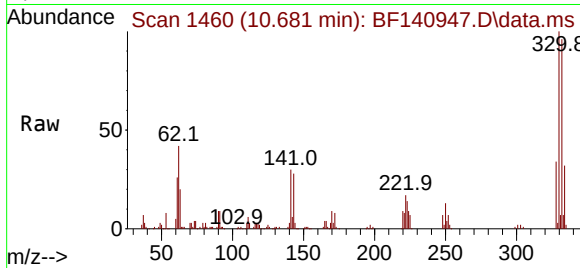




#67
4-Bromophenyl-phenylether
Concen: 3.413 ng
RT: 10.681 min Scan# 14
Delta R.T. -0.229 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

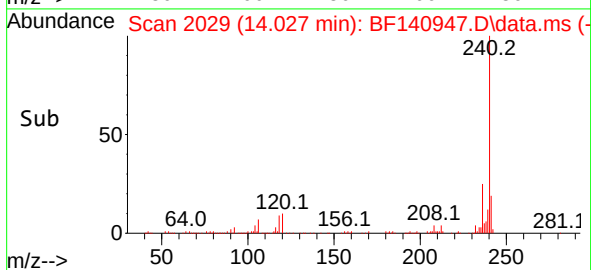
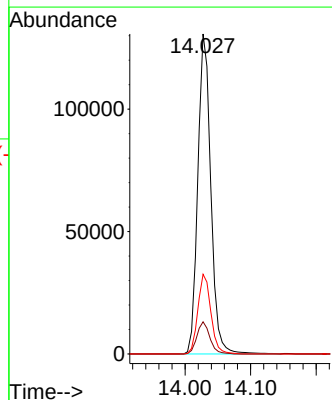
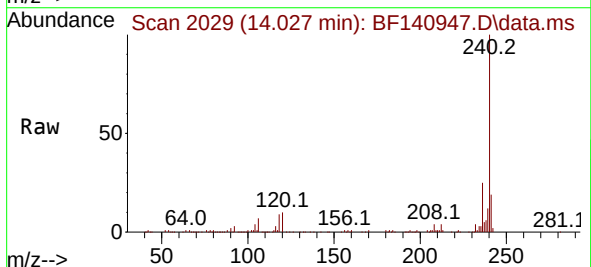
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224

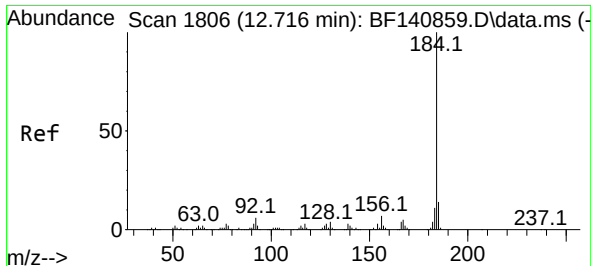
Tgt Ion:248 Resp: 9749
Ion Ratio Lower Upper
248 100
250 192.6 77.4 116.2#
141 447.5 62.9 94.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

Tgt Ion:240 Resp: 180413
Ion Ratio Lower Upper
240 100
120 10.0 7.6 11.4
236 24.9 20.5 30.7

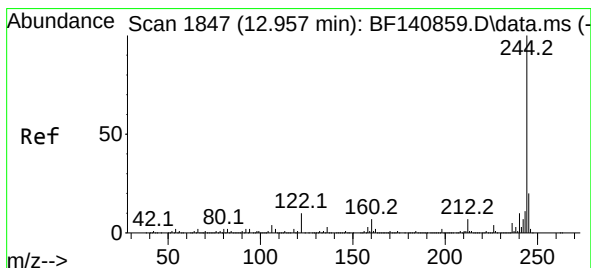
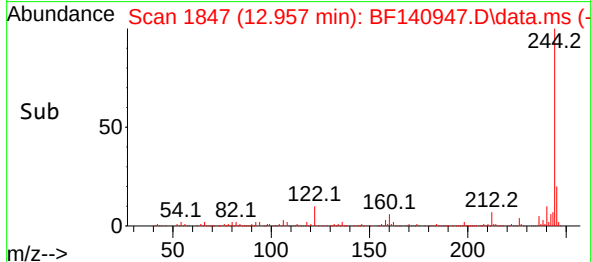
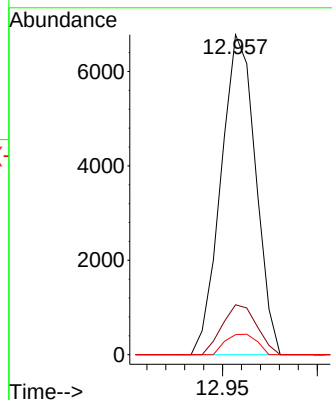
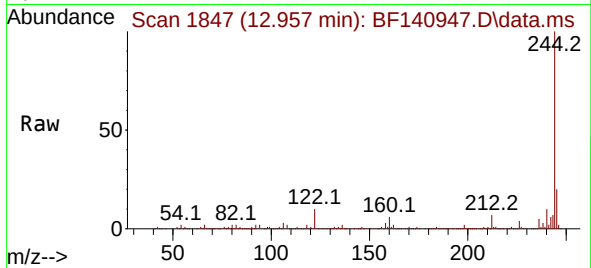




#77
Benzidine
Concen: 2.340 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

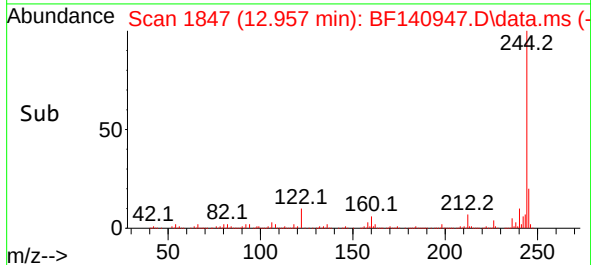
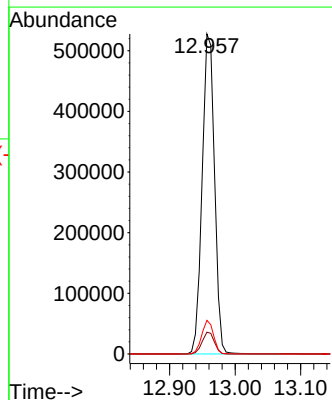
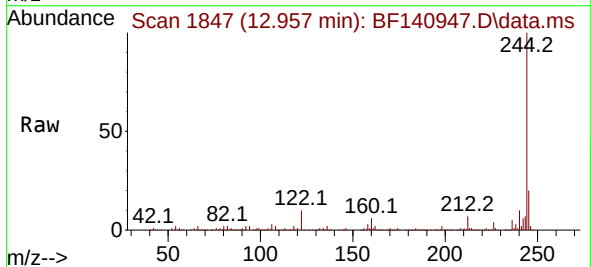
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-11-121224

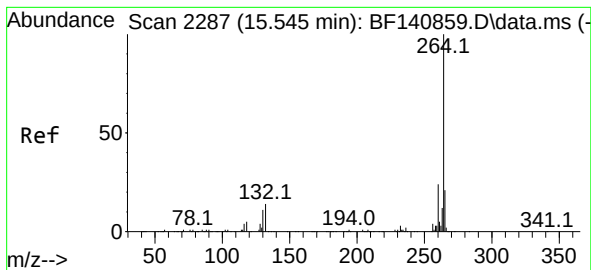
Tgt Ion:184 Resp: 8617
Ion Ratio Lower Upper
184 100
185 15.6 11.1 16.7
183 6.3 9.0 13.4#



#79
Terphenyl-d14
Concen: 60.699 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

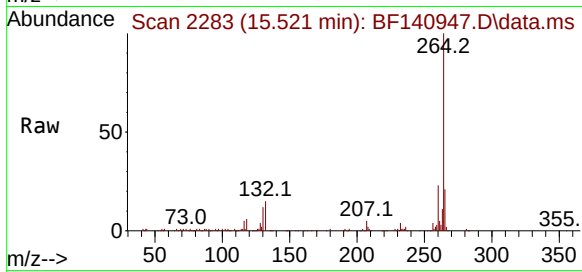
Tgt Ion:244 Resp: 694475
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.5 8.2 12.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 21
Delta R.T. -0.024 min
Lab File: BF140947.D
Acq: 20 Dec 2024 13:44

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



Tgt Ion:264 Resp: 133929

Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.1	28.7
265	21.5	17.0	25.4

