

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140955.D
 Acq On : 20 Dec 2024 17:14
 Operator : RC/JU
 Sample : P5306-07
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-10-121224

Quant Time: Dec 20 21:59:04 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)

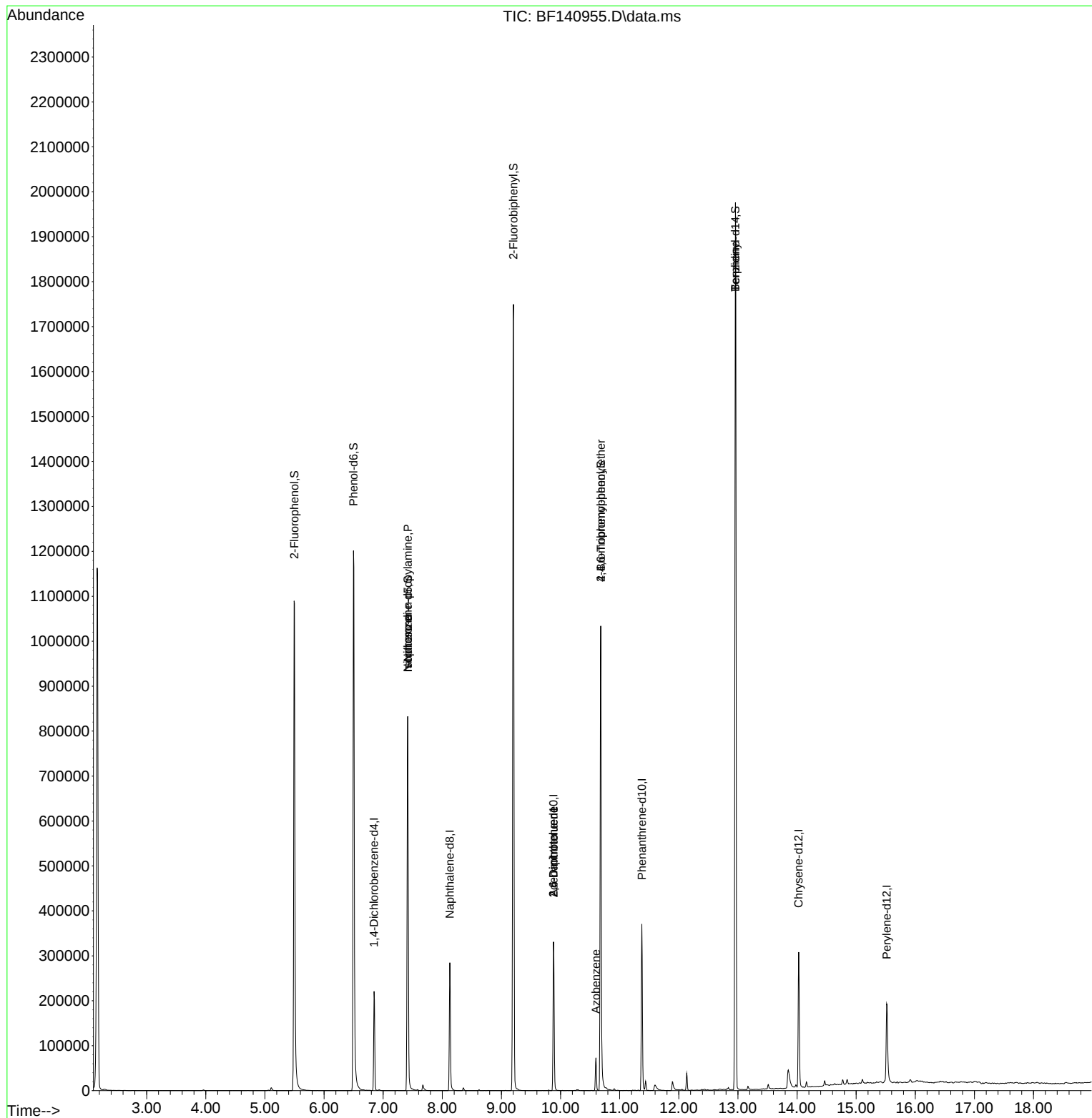
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	49587	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	194335	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	109105	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	208663	20.000	ng	0.00
76) Chrysene-d12	14.027	240	159926	20.000	ng	0.00
86) Perylene-d12	15.516	264	129368	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	481301	159.782	ng	0.01
7) Phenol-d6	6.498	99	649038	162.677	ng	0.00
23) Nitrobenzene-d5	7.416	82	406749	104.717	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	201064	155.815	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	847579	106.805	ng	0.00
79) Terphenyl-d14	12.957	244	1029776	101.536	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	53069	22.175	ng	# 77
25) Isophorone	7.416	82	402560	61.853	ng	# 65
51) 2,6-Dinitrotoluene	9.881	165	13421	7.632	ng	# 20
57) 2,4-Dinitrotoluene	9.881	165	13421	5.801	ng	# 14
63) Azobenzene	10.598	77	19387	2.585	ng	# 1
67) 4-Bromophenyl-phenylether	10.681	248	11998	5.140	ng	# 1
77) Benzidine	12.957	184	13321	4.081	ng	# 92

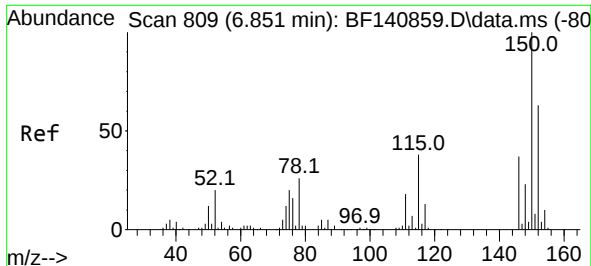
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
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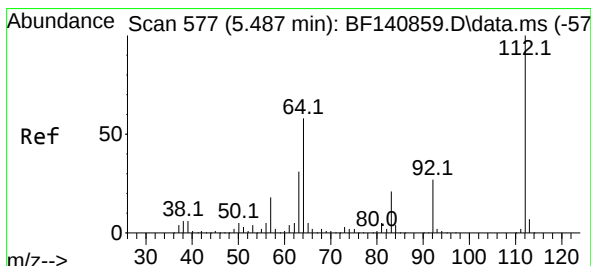
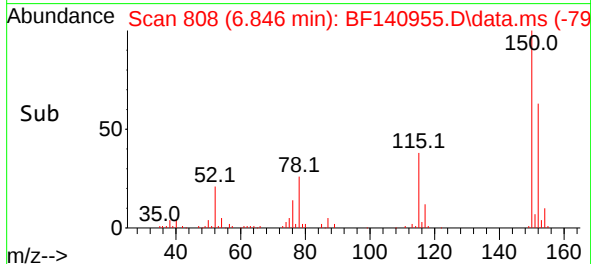
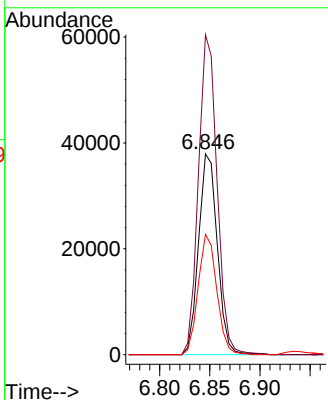
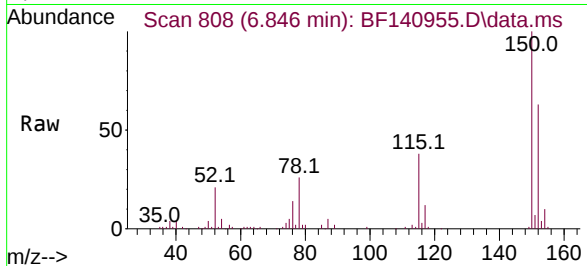




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. -0.005 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

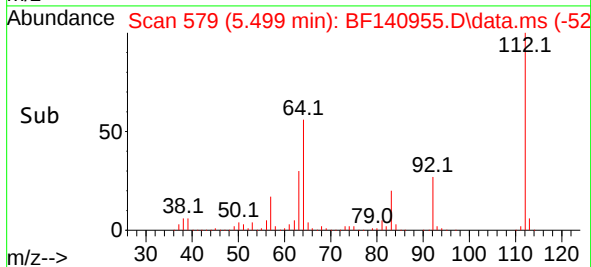
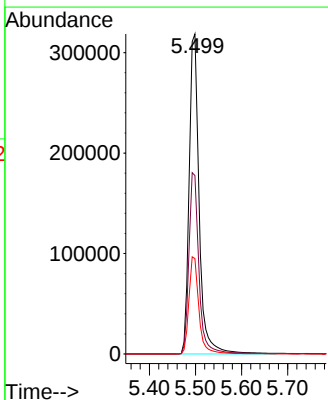
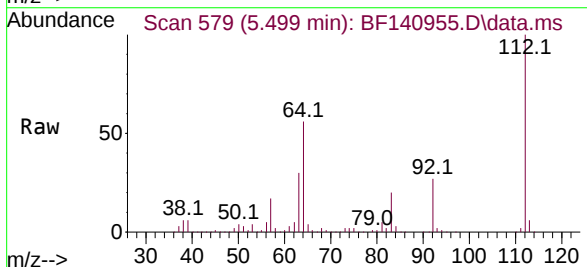
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-10-121224

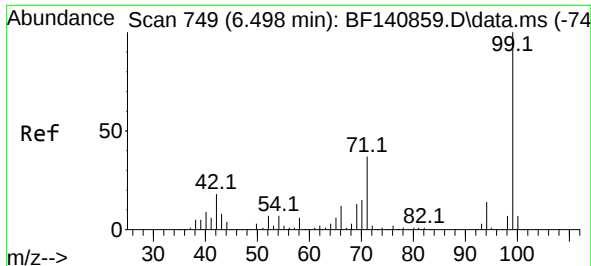
Tgt Ion:152 Resp: 49587
Ion Ratio Lower Upper
152 100
150 159.3 127.9 191.9
115 59.9 48.0 72.0



#5
2-Fluorophenol
Concen: 159.782 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

Tgt Ion:112 Resp: 481301
Ion Ratio Lower Upper
112 100
64 55.8 46.1 69.1
63 29.8 24.9 37.3

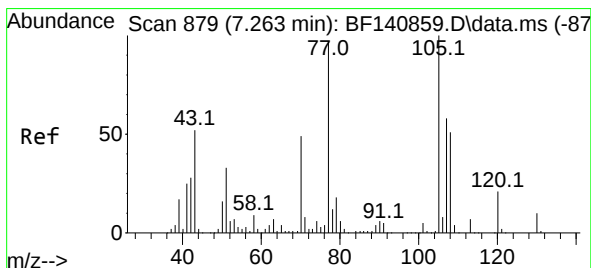
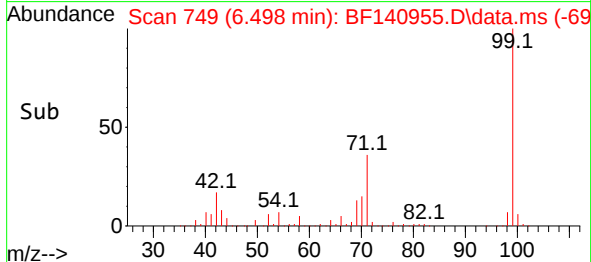
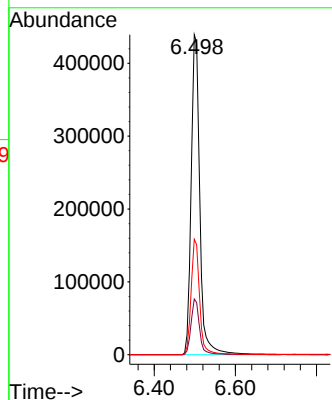
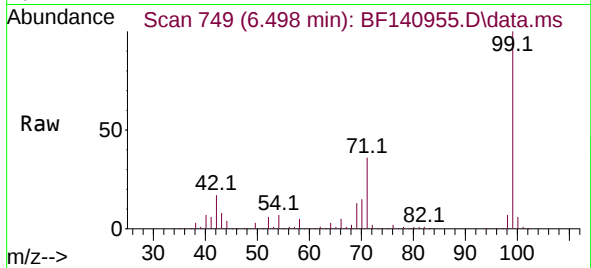




#7
Phenol-d6
Concen: 162.677 ng
RT: 6.498 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

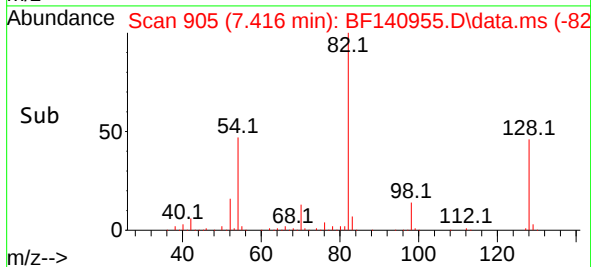
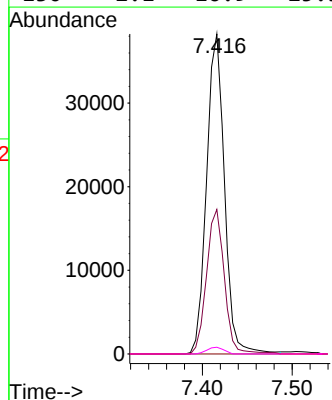
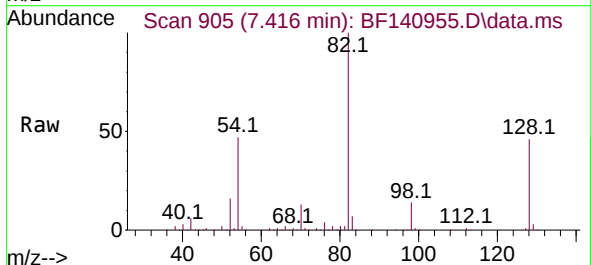
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-10-121224

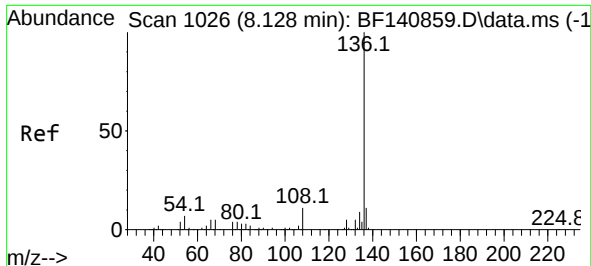
Tgt Ion: 99 Resp: 649038
Ion Ratio Lower Upper
99 100
42 17.4 14.3 21.5
71 36.1 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 22.175 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

Tgt Ion: 70 Resp: 53069
Ion Ratio Lower Upper
70 100
42 45.2 45.3 67.9#
101 0.0 8.0 12.0#
130 2.1 16.9 25.3#

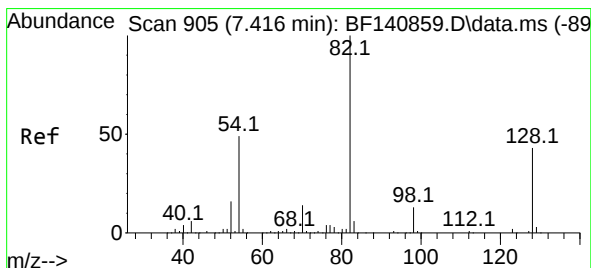
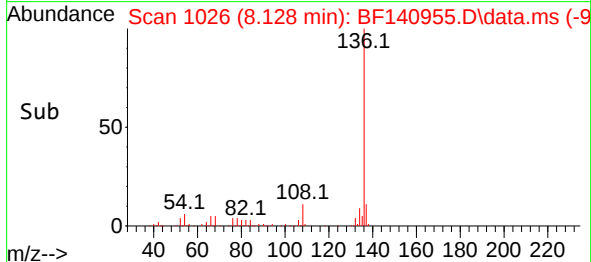
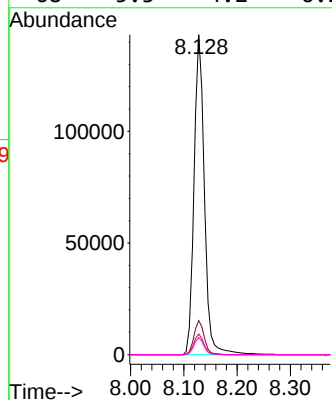
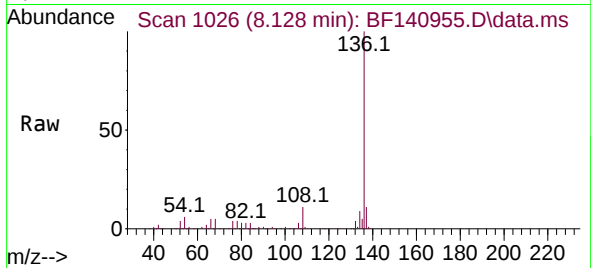




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

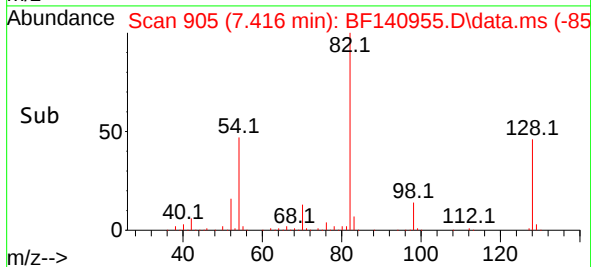
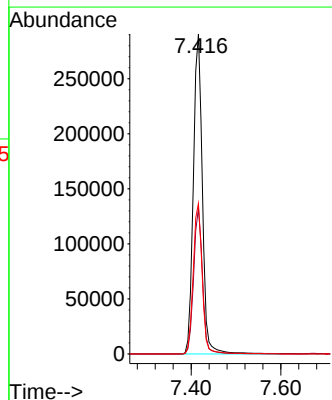
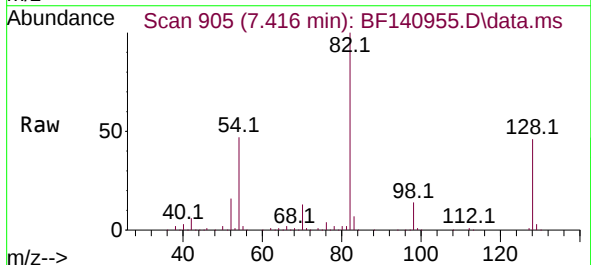
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-10-121224

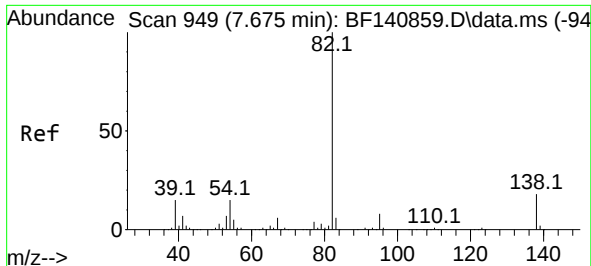
Tgt Ion:	136	Resp:	194335
Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.4
54	6.4	5.6	8.4
68	5.3	4.2	6.2



#23
Nitrobenzene-d5
Concen: 104.717 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.000 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

Tgt Ion:	82	Resp:	406749
Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.4	51.6
54	47.1	38.8	58.2

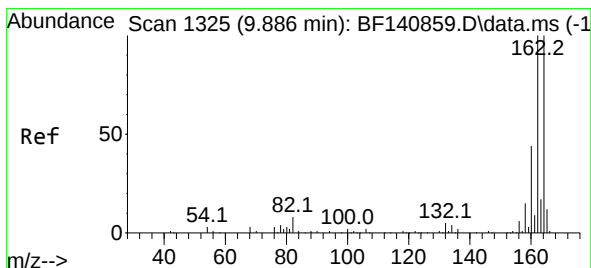
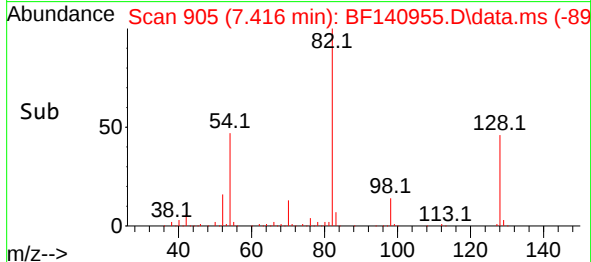
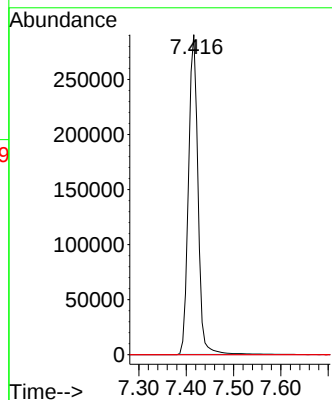
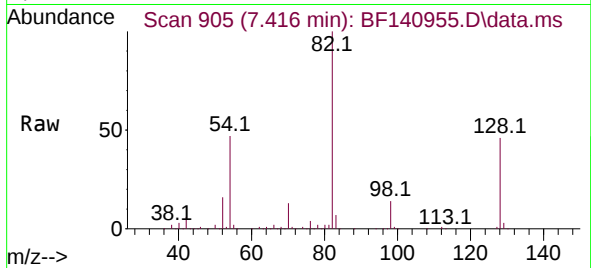




#25
Isophorone
Concen: 61.853 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.259 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

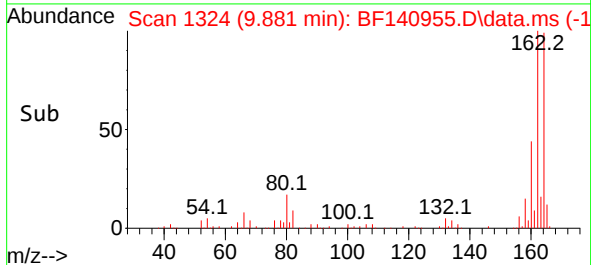
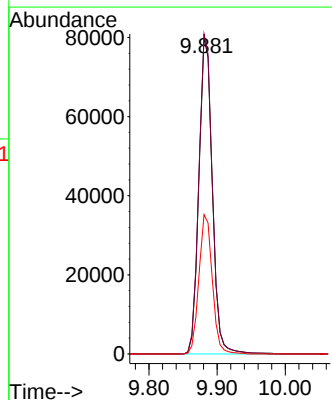
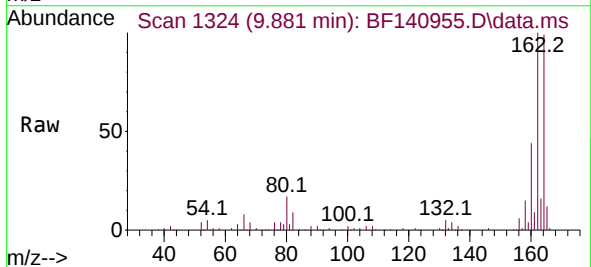
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-10-121224

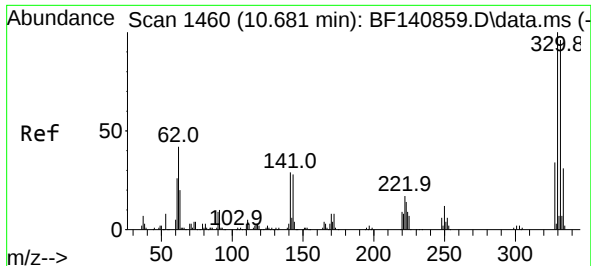
Tgt Ion: 82 Resp: 402560
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

Tgt Ion:164 Resp: 109105
Ion Ratio Lower Upper
164 100
162 101.1 79.9 119.9
160 44.1 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 155.815 ng

RT: 10.681 min Scan# 1460

Delta R.T. 0.000 min

Lab File: BF140955.D

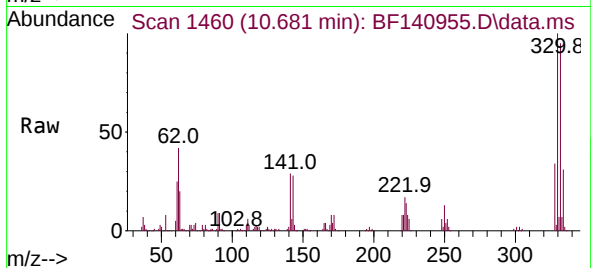
Acq: 20 Dec 2024 17:14

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-10-121224



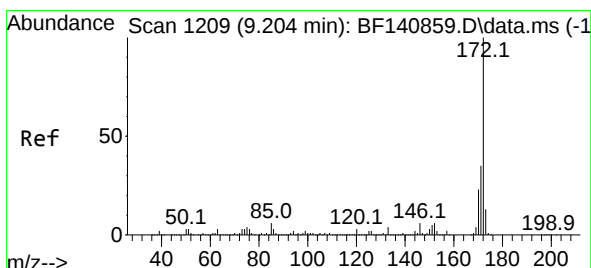
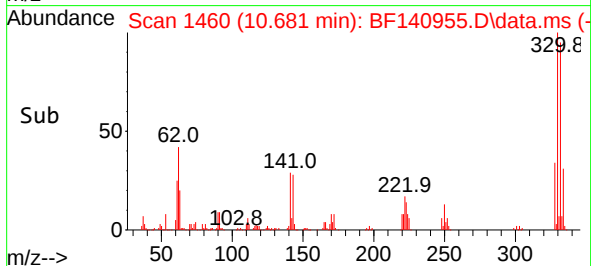
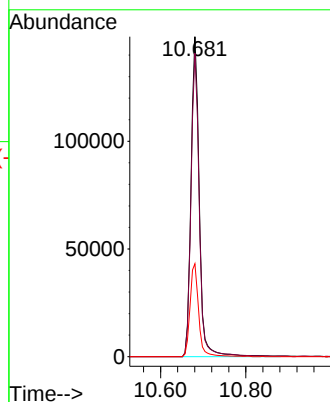
Tgt Ion:330 Resp: 201064

Ion Ratio Lower Upper

330 100

332 95.0 76.2 114.4

141 30.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 106.805 ng

RT: 9.204 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF140955.D

Acq: 20 Dec 2024 17:14

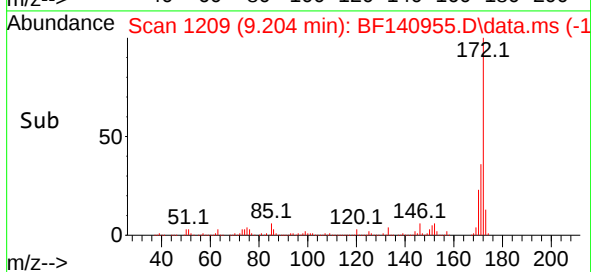
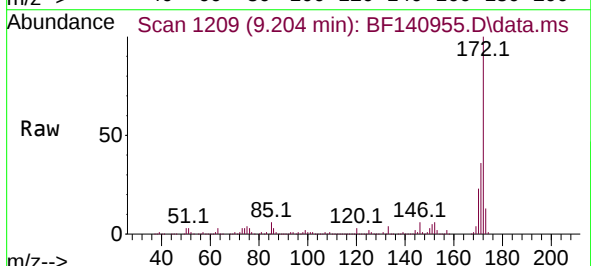
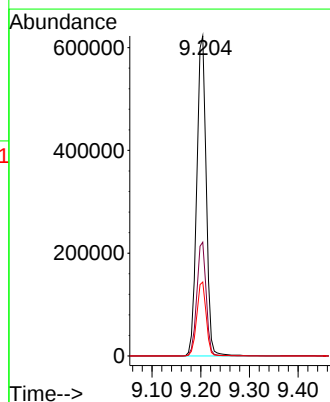
Tgt Ion:172 Resp: 847579

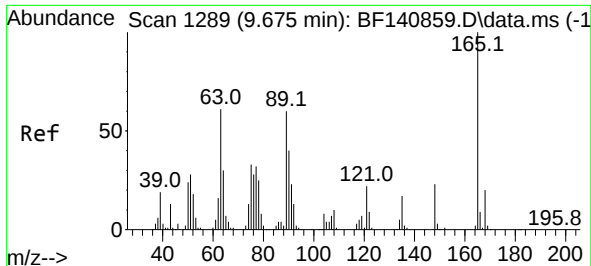
Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.1 18.6 28.0





#51

2,6-Dinitrotoluene

Concen: 7.632 ng

RT: 9.881 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF140955.D

Acq: 20 Dec 2024 17:14

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-10-121224

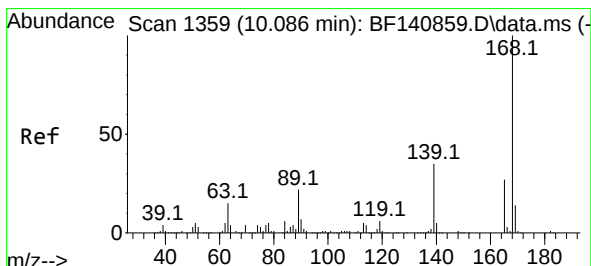
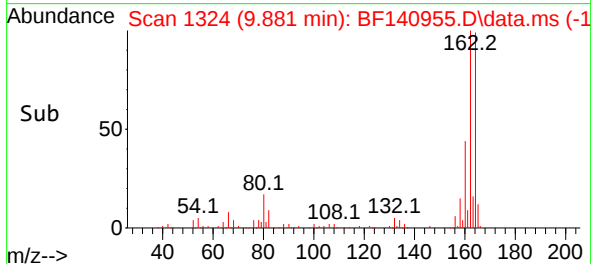
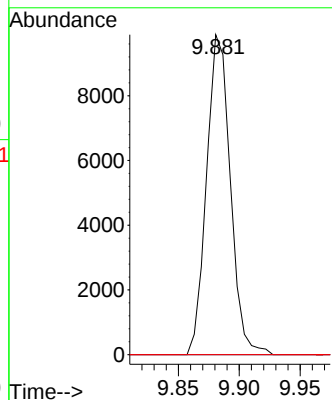
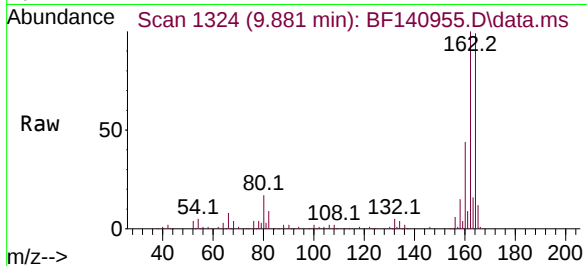
Tgt Ion:165 Resp: 13421

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: 5.801 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.206 min

Lab File: BF140955.D

Acq: 20 Dec 2024 17:14

Tgt Ion:165 Resp: 13421

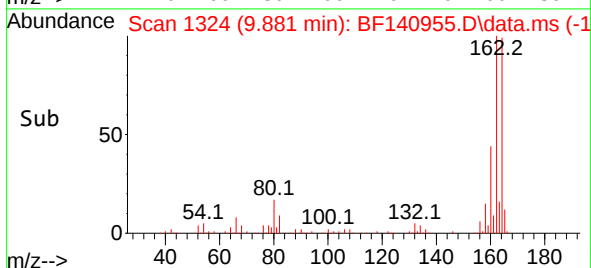
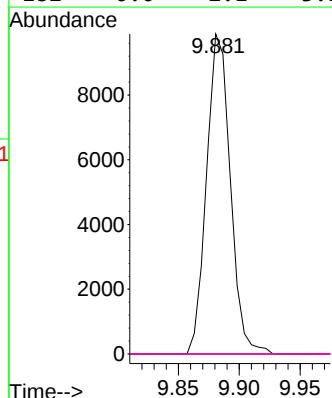
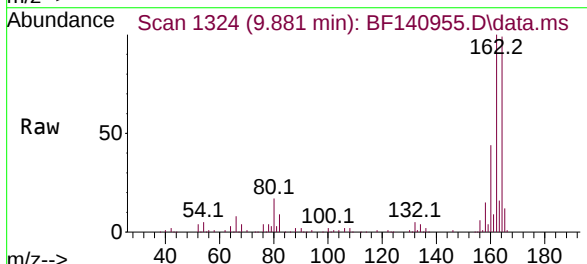
Ion Ratio Lower Upper

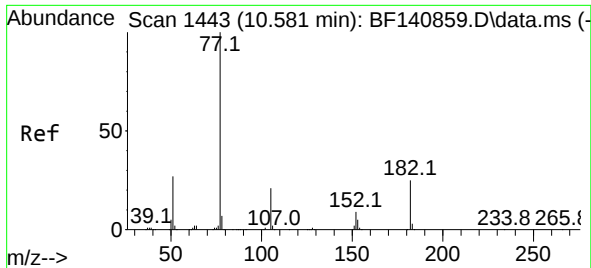
165 100

63 0.0 49.3 73.9#

89 0.0 66.2 99.4#

182 0.0 2.1 3.1#

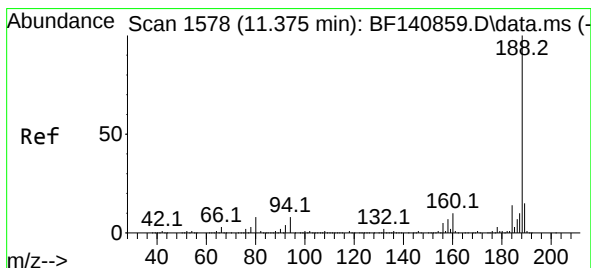
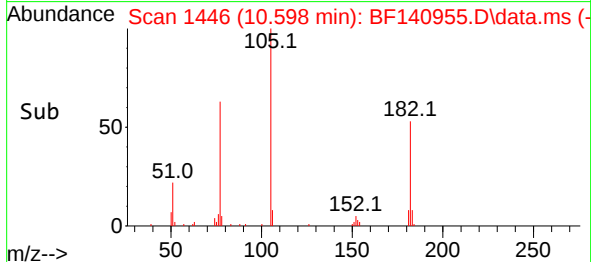
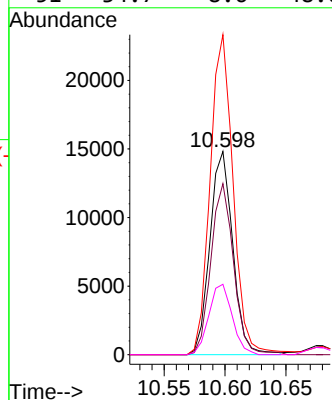
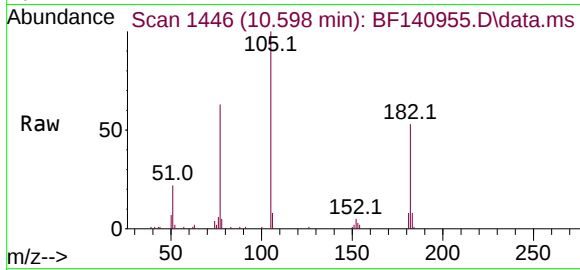




#63
Azobenzene
Concen: 2.585 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.018 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

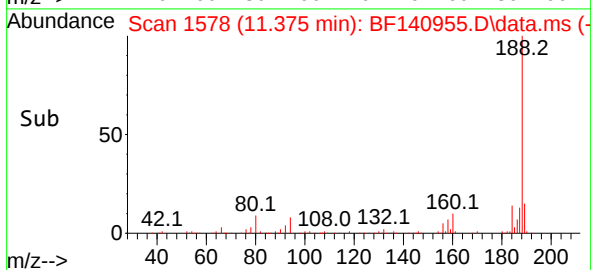
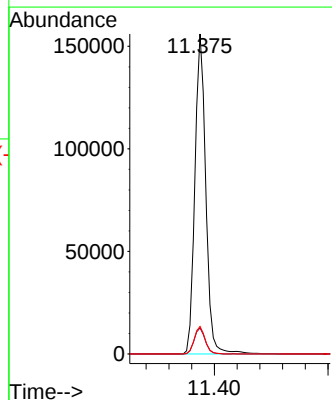
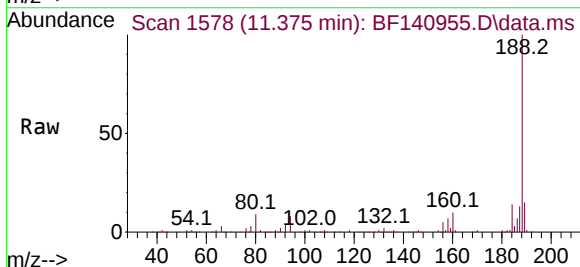
Instrument :
BNA_F
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OU4-VSL-10-121224

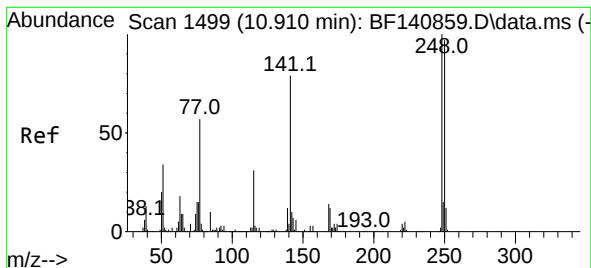
Tgt Ion: 77	Resp: 19387
Ion Ratio	Lower Upper
77 100	
182 84.2	4.5 44.5#
105 157.5	0.9 40.9#
51 34.7	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. 0.000 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

Tgt Ion: 188	Resp: 208663
Ion Ratio	Lower Upper
188 100	
94 8.1	6.4 9.6
80 8.6	6.8 10.2

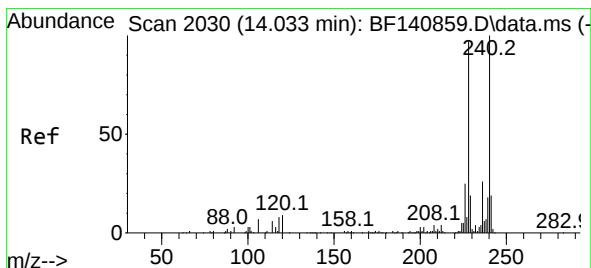
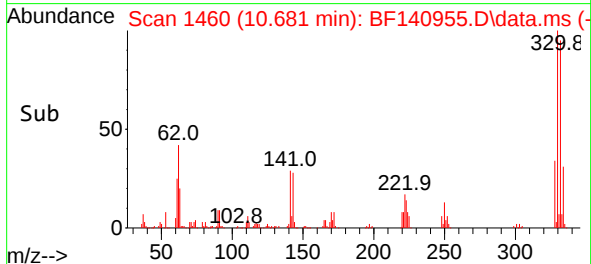
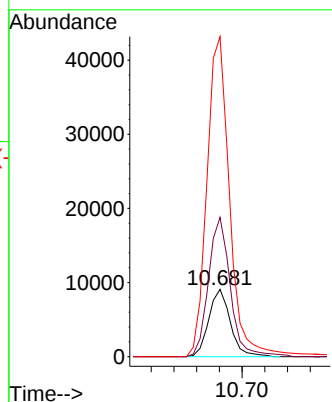
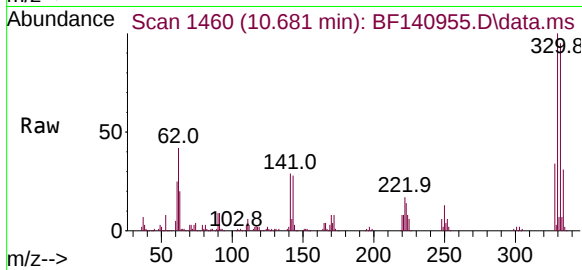




#67
4-Bromophenyl-phenylether
Concen: 5.140 ng
RT: 10.681 min Scan# 1499
Delta R.T. -0.229 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

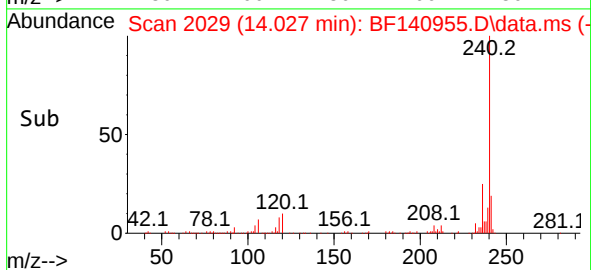
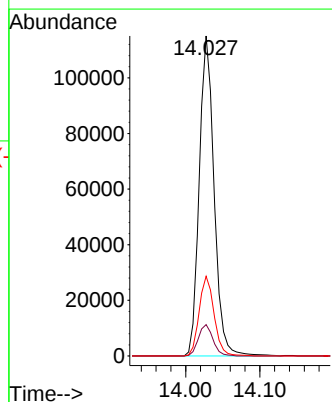
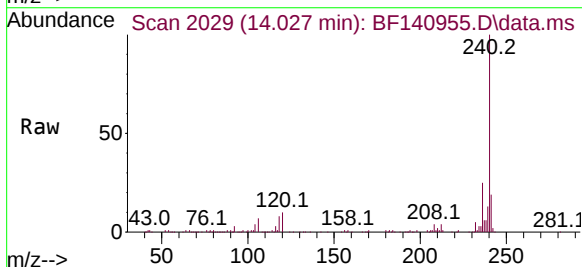
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-10-121224

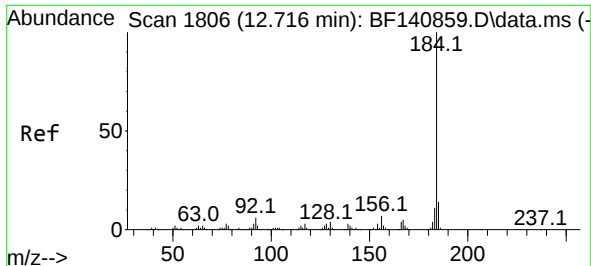
Tgt Ion:248 Resp: 11998
Ion Ratio Lower Upper
248 100
250 206.9 77.4 116.2#
141 475.2 62.9 94.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

Tgt Ion:240 Resp: 159926
Ion Ratio Lower Upper
240 100
120 9.8 7.6 11.4
236 24.9 20.5 30.7

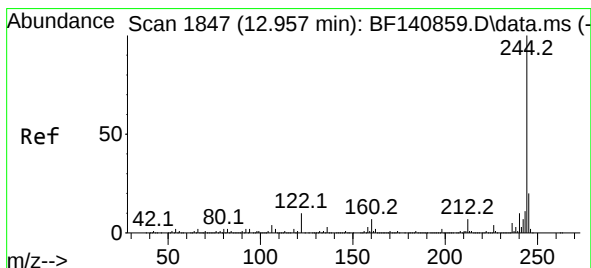
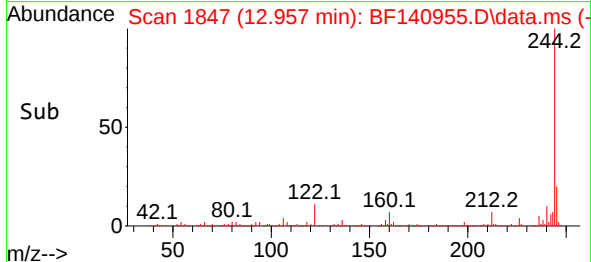
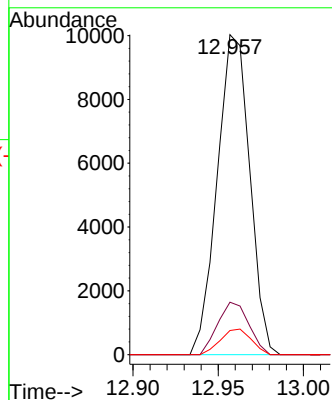
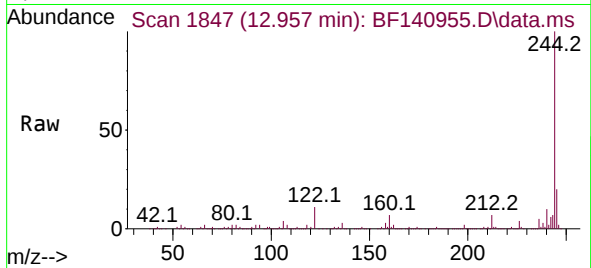




#77
Benzidine
Concen: 4.081 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.241 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

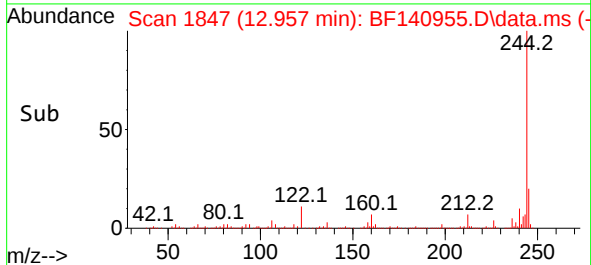
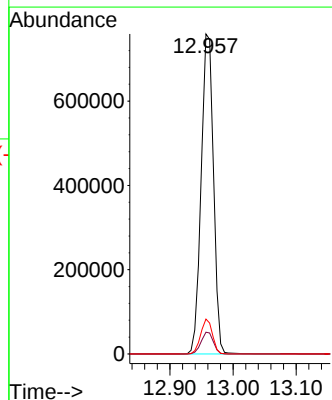
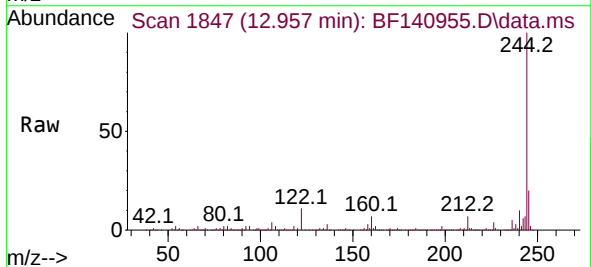
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-10-121224

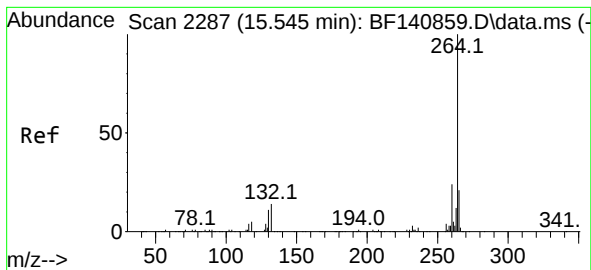
Tgt Ion:184 Resp: 13321
Ion Ratio Lower Upper
184 100
185 16.4 11.1 16.7
183 7.5 9.0 13.4#



#79
Terphenyl-d14
Concen: 101.536 ng
RT: 12.957 min Scan# 1847
Delta R.T. 0.000 min
Lab File: BF140955.D
Acq: 20 Dec 2024 17:14

Tgt Ion:244 Resp: 1029776
Ion Ratio Lower Upper
244 100
212 6.8 5.6 8.4
122 10.9 8.2 12.2





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.516 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF140955.D

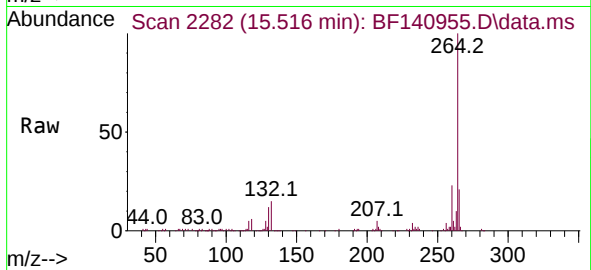
Acq: 20 Dec 2024 17:14

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-10-121224



Tgt Ion:264 Resp: 129368

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

265 21.3 17.0 25.4

