

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122024\
 Data File : BF140953.D
 Acq On : 20 Dec 2024 16:21
 Operator : RC/JU
 Sample : P5306-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-08-121224

Quant Time: Dec 20 17:08:52 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)

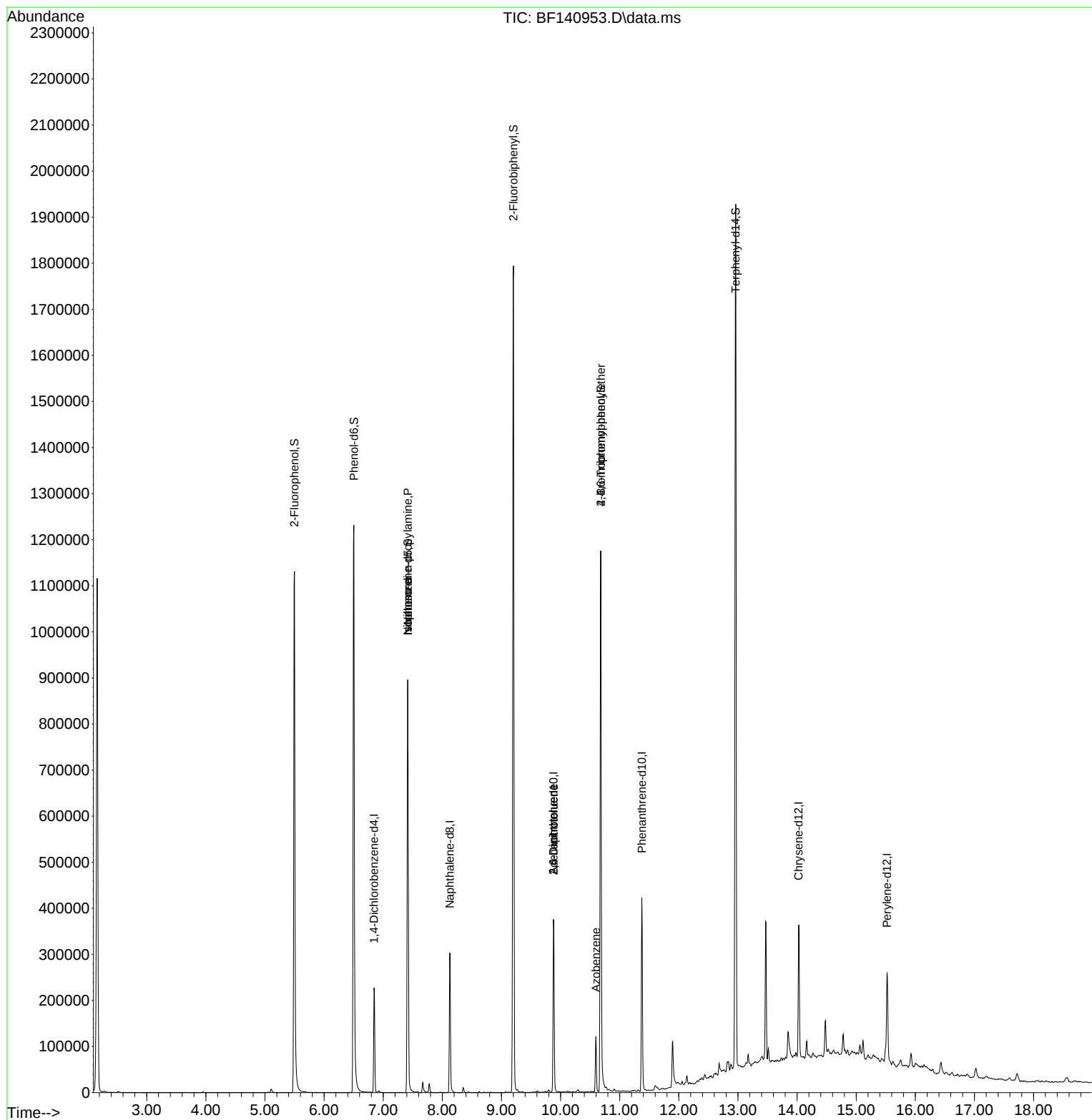
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	51335	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	204800	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	121841	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	231777	20.000	ng	0.00
76) Chrysene-d12	14.027	240	149412	20.000	ng	0.00
86) Perylene-d12	15.521	264	128778	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	501225	160.730	ng	0.01
7) Phenol-d6	6.504	99	663371	160.608	ng	0.00
23) Nitrobenzene-d5	7.416	82	433473	105.894	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	232425	161.291	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	857748	96.788	ng	0.00
79) Terphenyl-d14	12.963	244	991014	104.590	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.416	70	57409	23.171	ng	# 77
25) Isophorone	7.416	82	430575	62.777	ng	# 65
51) 2,6-Dinitrotoluene	9.880	165	15458	7.872	ng	# 20
57) 2,4-Dinitrotoluene	9.880	165	15458	5.983	ng	# 14
63) Azobenzene	10.598	77	31655	3.780	ng	# 1
67) 4-Bromophenyl-phenylether	10.680	248	13811	5.326	ng	# 1

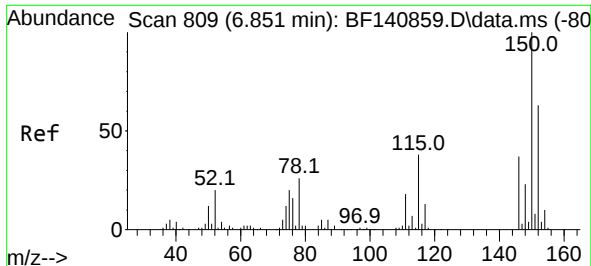
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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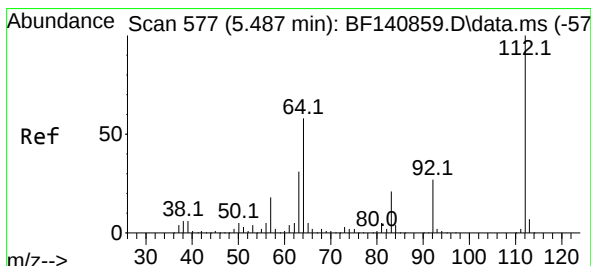
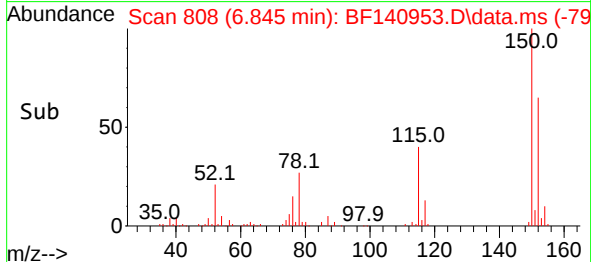
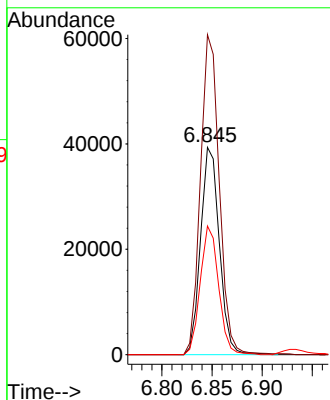
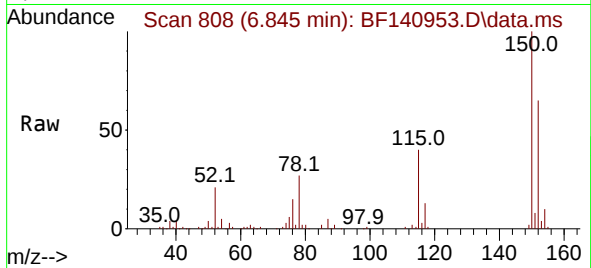




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 809
Delta R.T. -0.006 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

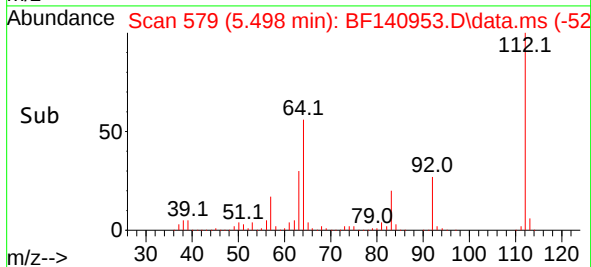
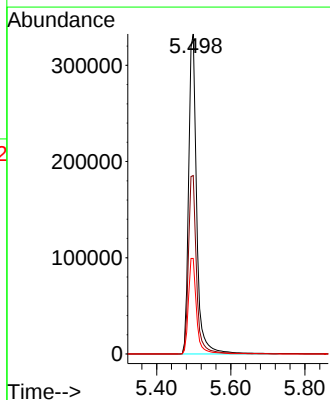
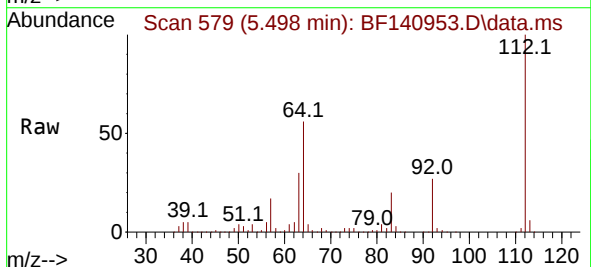
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-08-121224

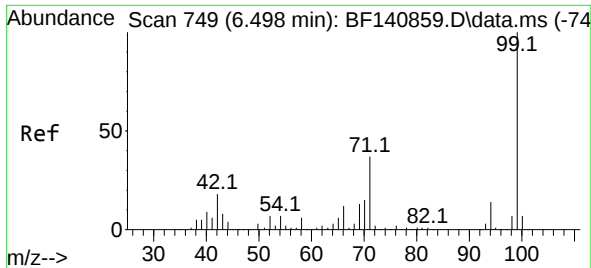
Tgt Ion:152 Resp: 51335
Ion Ratio Lower Upper
152 100
150 154.3 127.9 191.9
115 62.0 48.0 72.0



#5
2-Fluorophenol
Concen: 160.730 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

Tgt Ion:112 Resp: 501225
Ion Ratio Lower Upper
112 100
64 55.7 46.1 69.1
63 29.8 24.9 37.3

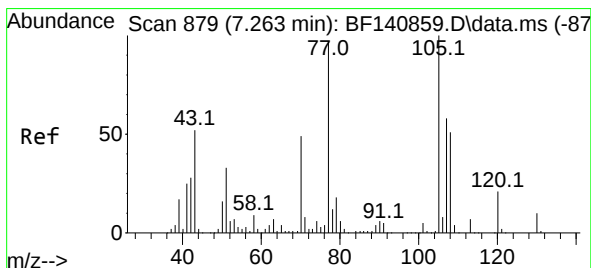
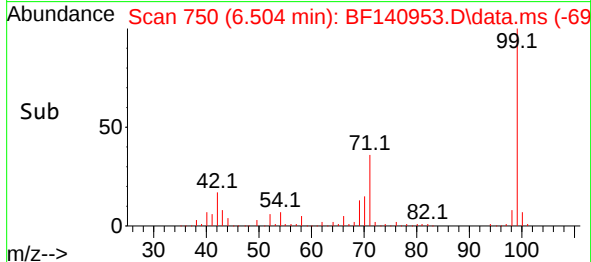
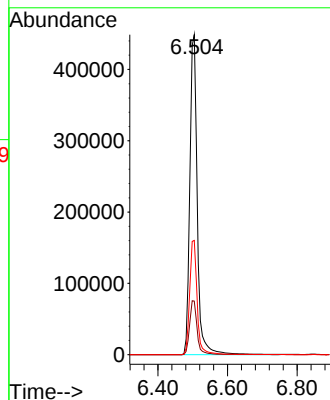
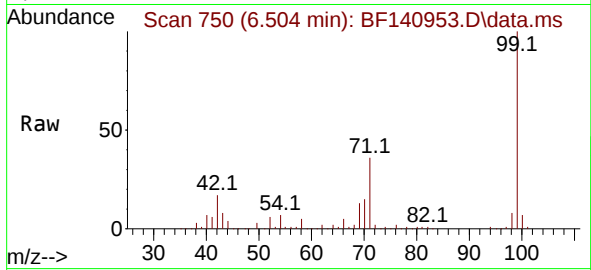




#7
Phenol-d6
Concen: 160.608 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

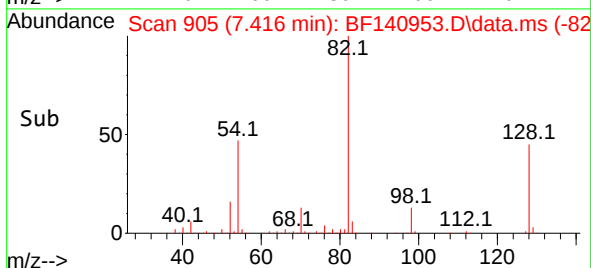
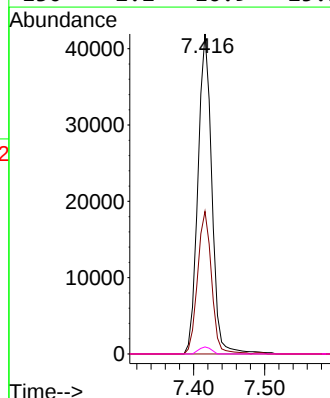
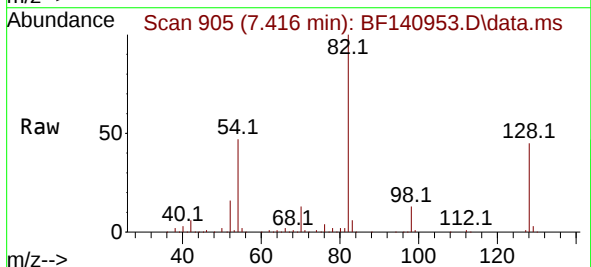
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-08-121224

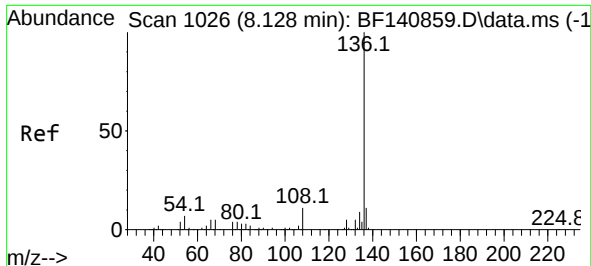
Tgt Ion: 99 Resp: 663371
Ion Ratio Lower Upper
99 100
42 16.8 14.3 21.5
71 35.7 29.9 44.9



#19
n-Nitroso-di-n-propylamine
Concen: 23.171 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.153 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

Tgt Ion: 70 Resp: 57409
Ion Ratio Lower Upper
70 100
42 44.6 45.3 67.9#
101 0.0 8.0 12.0#
130 2.2 16.9 25.3#

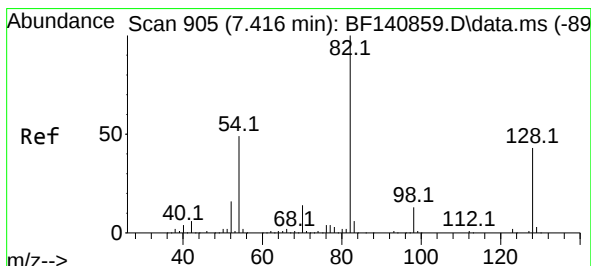
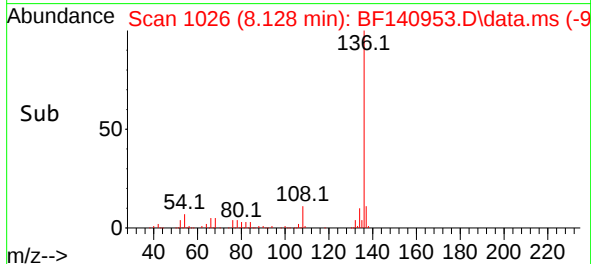
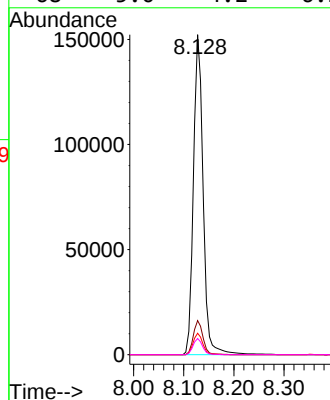
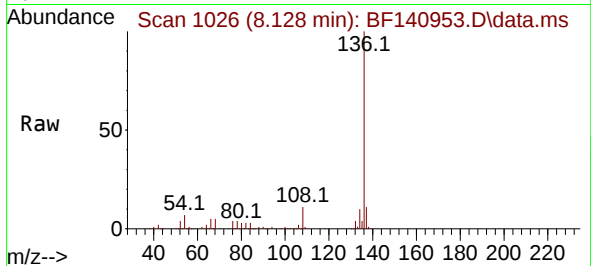




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

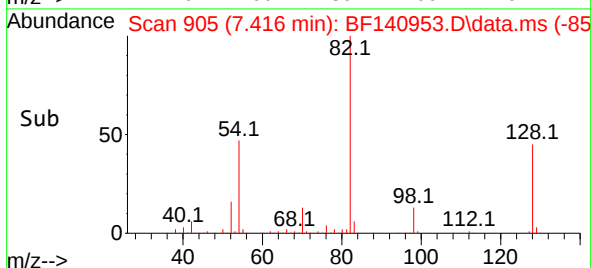
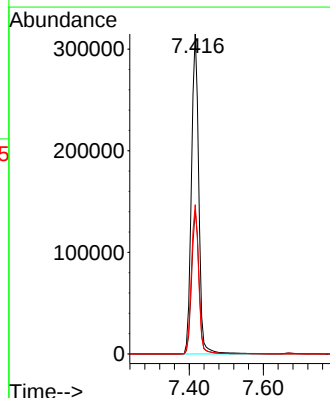
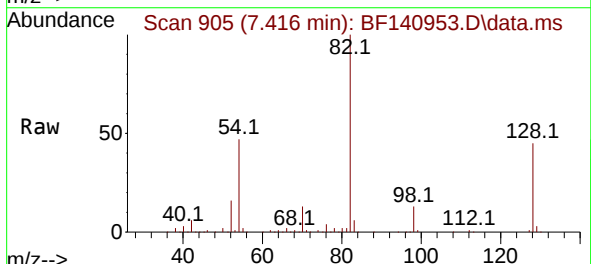
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-08-121224

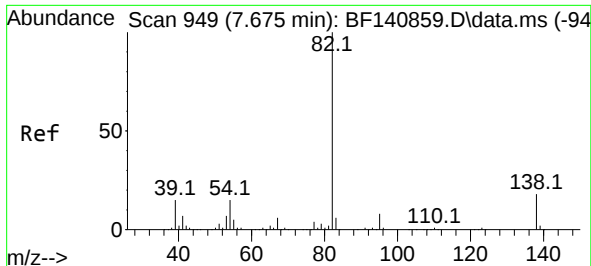
Tgt Ion:	136	Resp:	204800
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.0	13.4
54	6.7	5.6	8.4
68	5.0	4.2	6.2



#23
Nitrobenzene-d5
Concen: 105.894 ng
RT: 7.416 min Scan# 905
Delta R.T. -0.000 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

Tgt Ion:	82	Resp:	433473
Ion	Ratio	Lower	Upper
82	100		
128	44.9	34.4	51.6
54	46.6	38.8	58.2

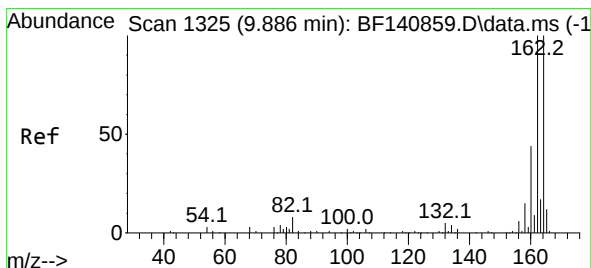
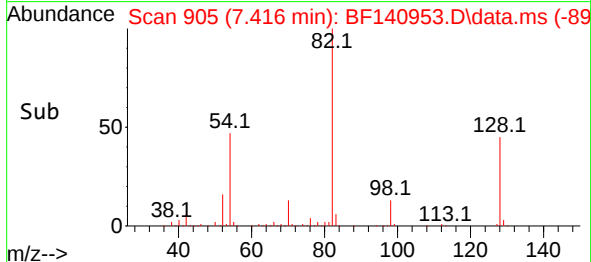
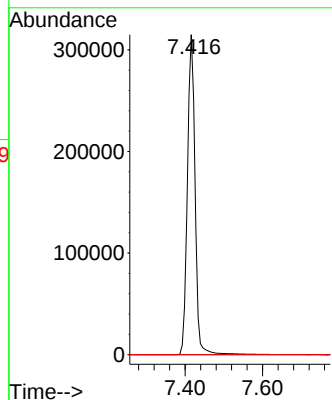
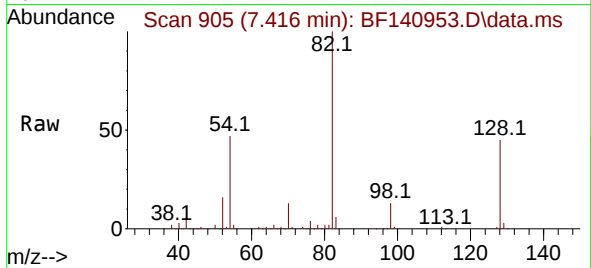




#25
Isophorone
Concen: 62.777 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

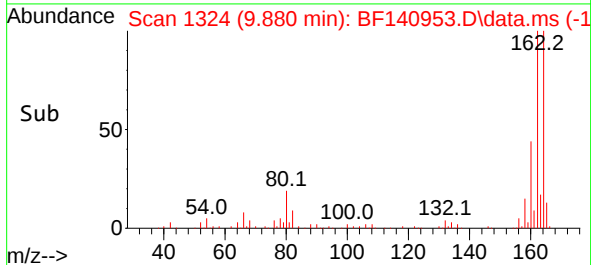
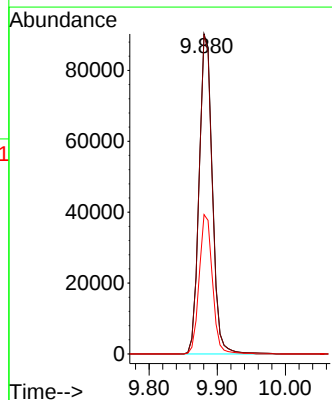
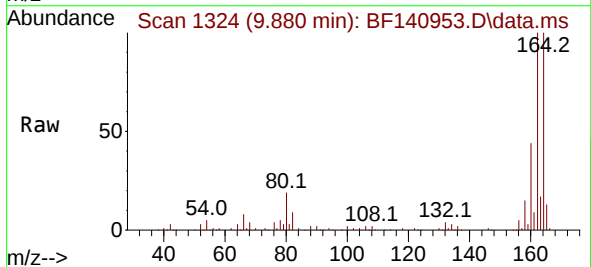
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-08-121224

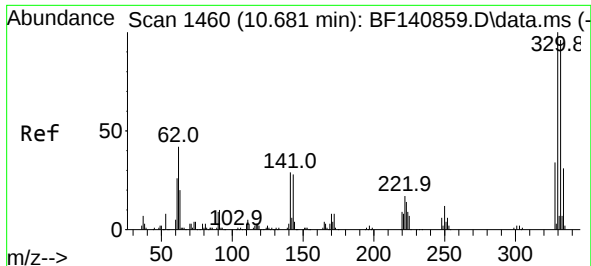
Tgt Ion: 82 Resp: 430575
Ion Ratio Lower Upper
82 100
95 0.0 6.3 9.5#
138 0.0 14.1 21.1#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

Tgt Ion:164 Resp: 121841
Ion Ratio Lower Upper
164 100
162 99.6 79.9 119.9
160 43.6 35.2 52.8





#42

2,4,6-Tribromophenol

Concen: 161.291 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.000 min

Lab File: BF140953.D

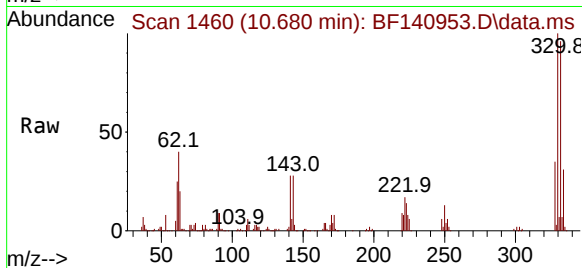
Acq: 20 Dec 2024 16:21

Instrument :

BNA_F

ClientSampleId :

OU4-VSL-08-121224



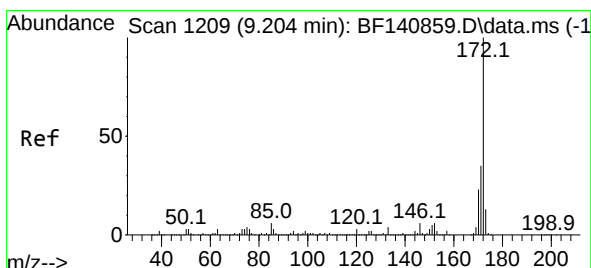
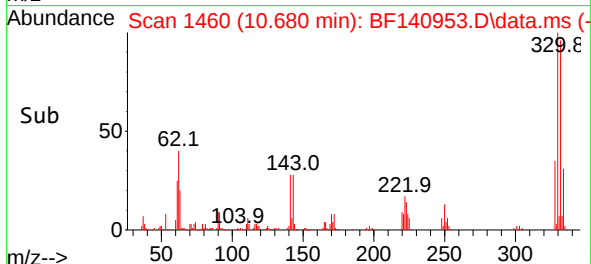
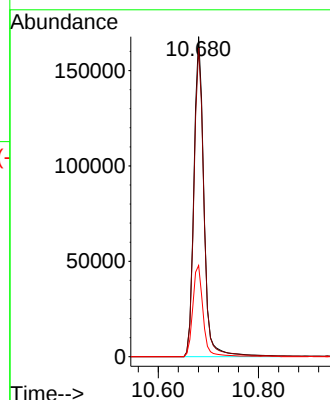
Tgt Ion:330 Resp: 232425

Ion Ratio Lower Upper

330 100

332 97.1 76.2 114.4

141 29.2 24.9 37.3



#45

2-Fluorobiphenyl

Concen: 96.788 ng

RT: 9.204 min Scan# 1209

Delta R.T. -0.000 min

Lab File: BF140953.D

Acq: 20 Dec 2024 16:21

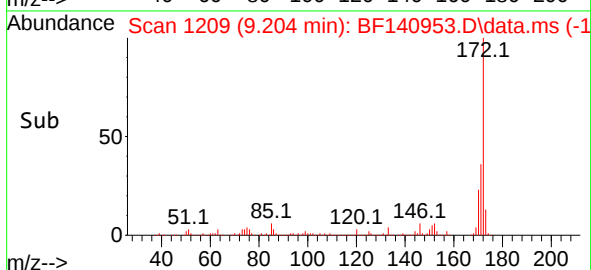
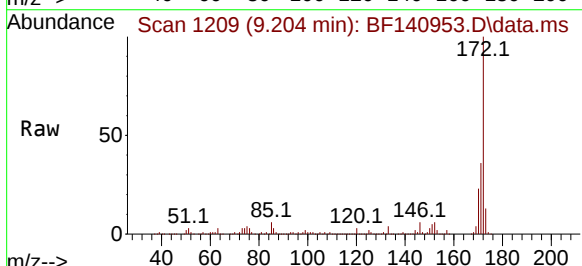
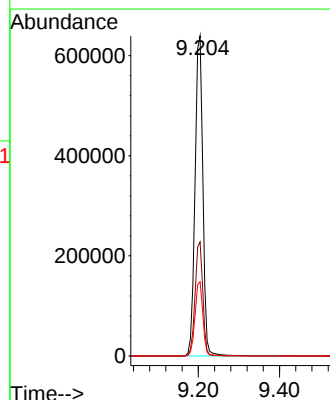
Tgt Ion:172 Resp: 857748

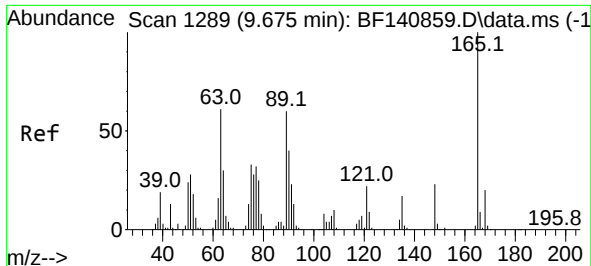
Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 23.2 18.6 28.0

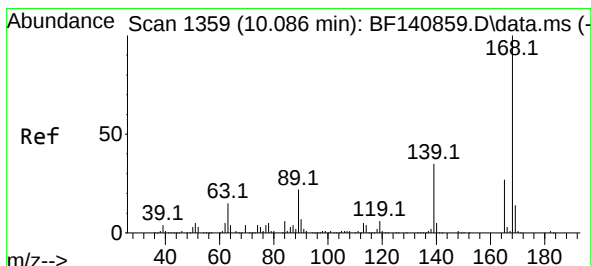
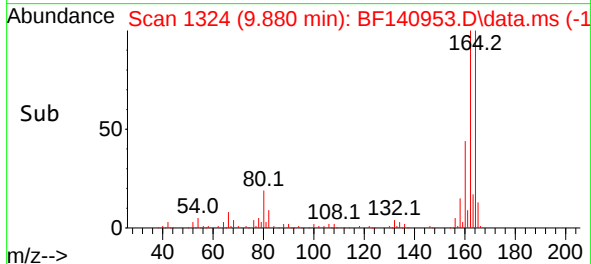
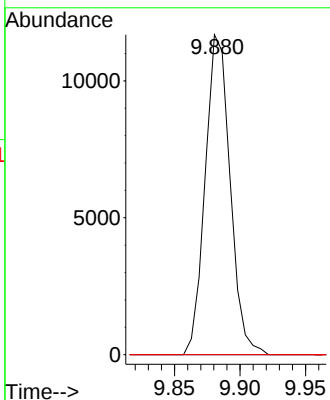
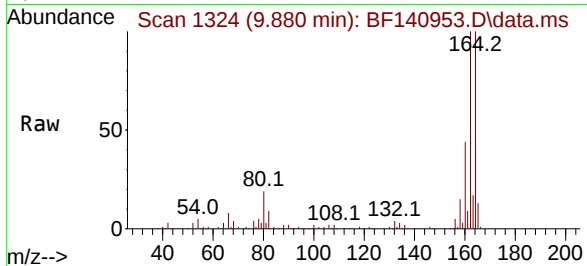




#51
2,6-Dinitrotoluene
Concen: 7.872 ng
RT: 9.880 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

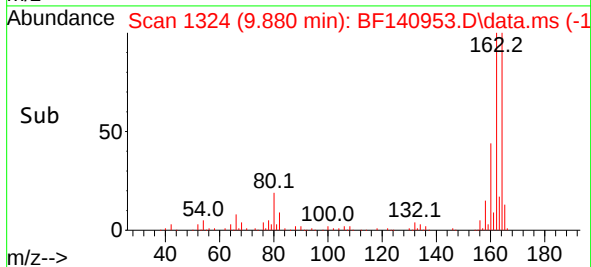
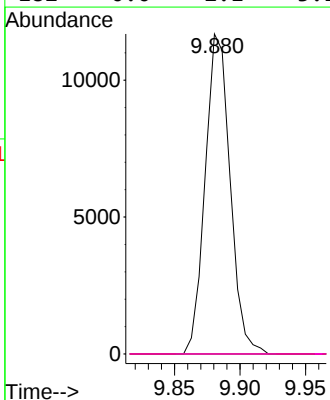
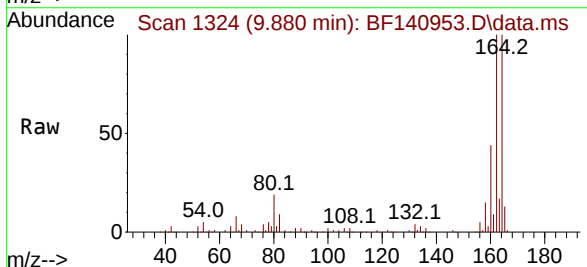
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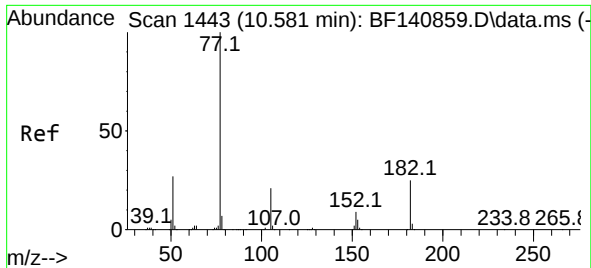
Tgt Ion:165 Resp: 15458
Ion Ratio Lower Upper
165 100
63 0.0 49.7 74.5#
89 0.0 48.2 72.4#



#57
2,4-Dinitrotoluene
Concen: 5.983 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.206 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

Tgt Ion:165 Resp: 15458
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#

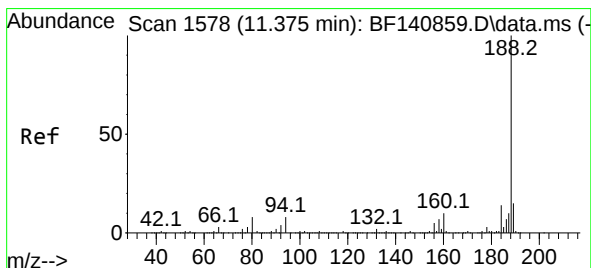
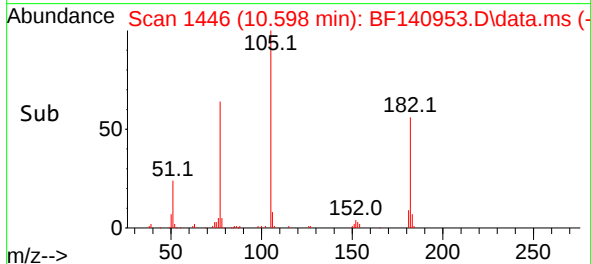
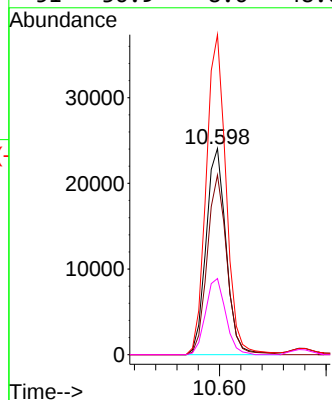
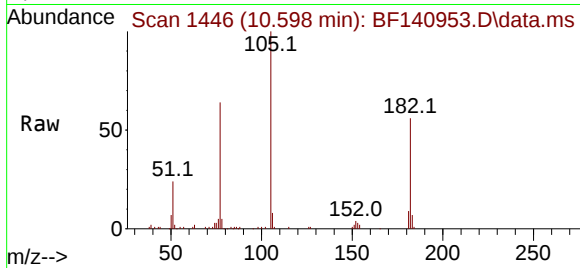




#63
Azobenzene
Concen: 3.780 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.018 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

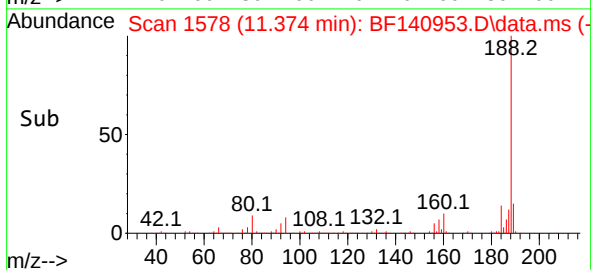
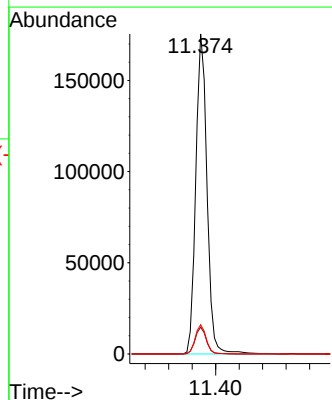
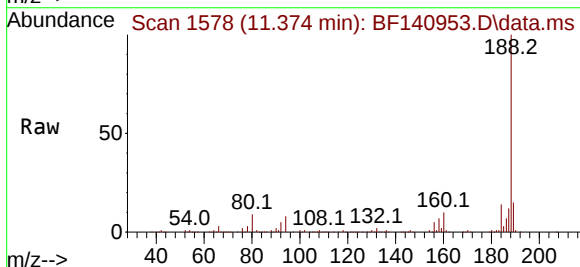
Instrument :
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OU4-VSL-08-121224

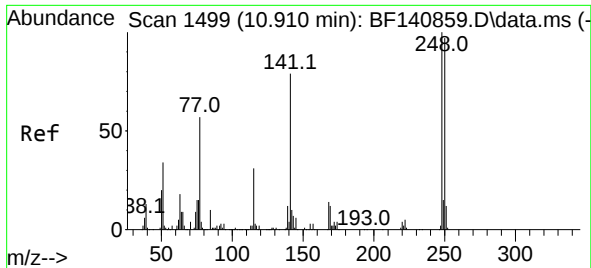
Tgt Ion: 77	Resp: 31655
Ion Ratio	Lower Upper
77 100	
182 87.1	4.5 44.5#
105 155.2	0.9 40.9#
51 36.9	8.6 48.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.000 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

Tgt Ion: 188	Resp: 231777
Ion Ratio	Lower Upper
188 100	
94 8.4	6.4 9.6
80 9.2	6.8 10.2

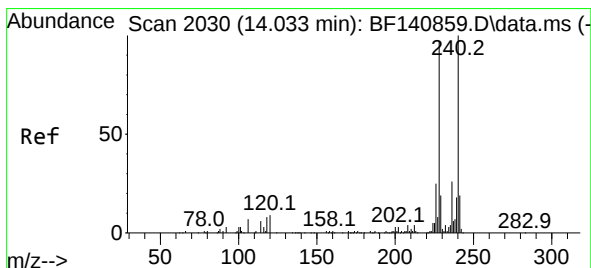
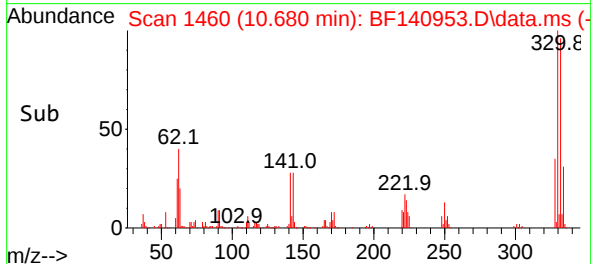
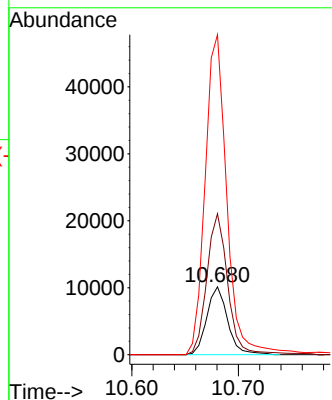
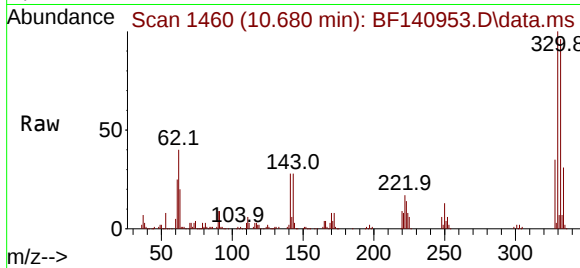




#67
4-Bromophenyl-phenylether
Concen: 5.326 ng
RT: 10.680 min Scan# 1499
Delta R.T. -0.230 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

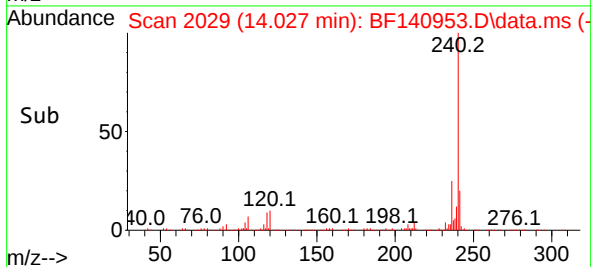
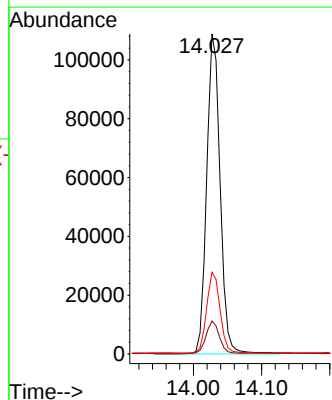
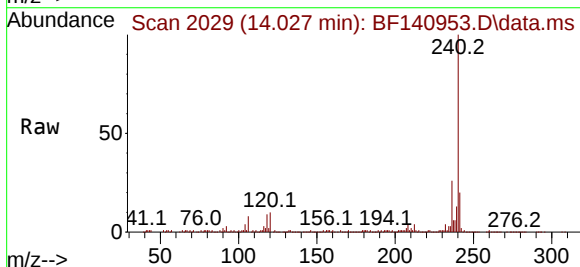
Instrument :
BNA_F
ClientSampleId :
OU4-VSL-08-121224

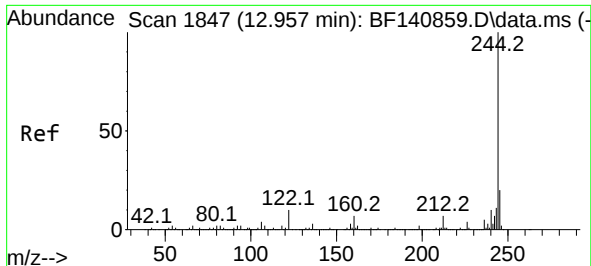
Tgt Ion:248 Resp: 13811
Ion Ratio Lower Upper
248 100
250 207.7 77.4 116.2#
141 471.4 62.9 94.3#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 2029
Delta R.T. -0.006 min
Lab File: BF140953.D
Acq: 20 Dec 2024 16:21

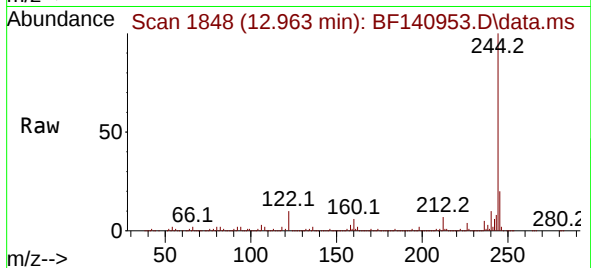
Tgt Ion:240 Resp: 149412
Ion Ratio Lower Upper
240 100
120 10.3 7.6 11.4
236 25.5 20.5 30.7



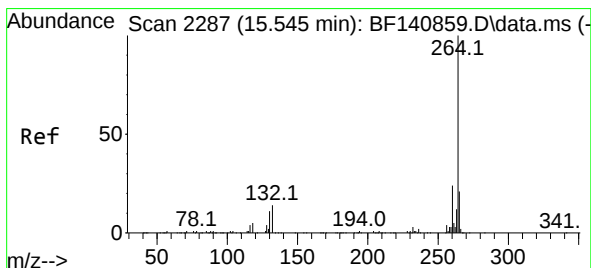
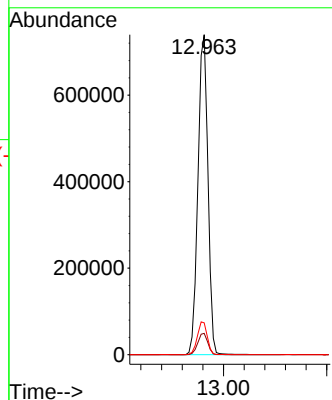
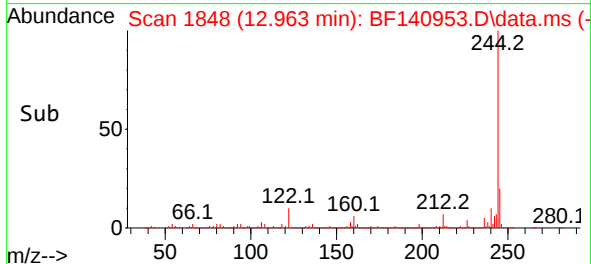


#79
 Terphenyl-d14
 Concen: 104.590 ng
 RT: 12.963 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF140953.D
 Acq: 20 Dec 2024 16:21

Instrument :
 BNA_F
 ClientSampleId :
 OU4-VSL-08-121224



Tgt Ion:244 Resp: 991014
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.6 8.4
 122 10.0 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: BF140953.D
 Acq: 20 Dec 2024 16:21

Tgt Ion:264 Resp: 128778
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.1 28.7
 265 22.2 17.0 25.4

