

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138717.D
 Acq On : 01 Aug 2024 11:19
 Operator : RC/JU
 Sample : P3379-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-01-072324

Quant Time: Aug 01 11:52:08 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

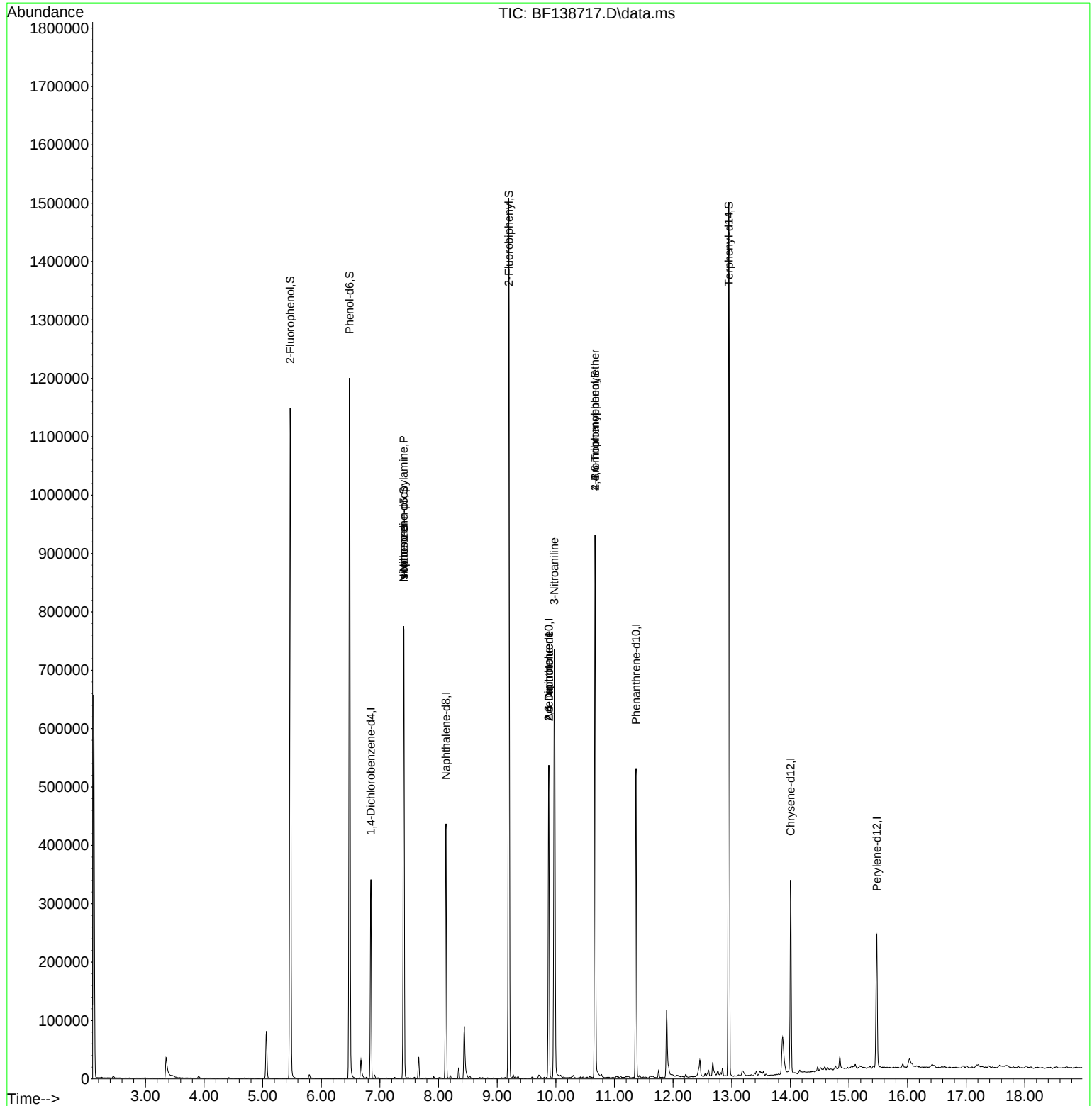
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	64959	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	267825	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	154361	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	273050	20.000	ng	0.00
76) Chrysene-d12	14.004	240	146559	20.000	ng	0.00
86) Perylene-d12	15.474	264	128853	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	390561	92.811	ng	0.00
7) Phenol-d6	6.481	99	537531	95.141	ng	0.00
23) Nitrobenzene-d5	7.404	82	347570	63.449	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	138452	109.498	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	628346	61.161	ng	0.00
79) Terphenyl-d14	12.951	244	696094	79.521	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.404	70	47178	13.825	ng	# 77
25) Isophorone	7.404	82	346371	37.030	ng	# 66
51) 2,6-Dinitrotoluene	9.881	165	19435	8.725	ng	# 21
53) 3-Nitroaniline	9.975	138	6992	3.036	ng	# 1
57) 2,4-Dinitrotoluene	9.881	165	19435	6.839	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	10055	3.401	ng	# 1

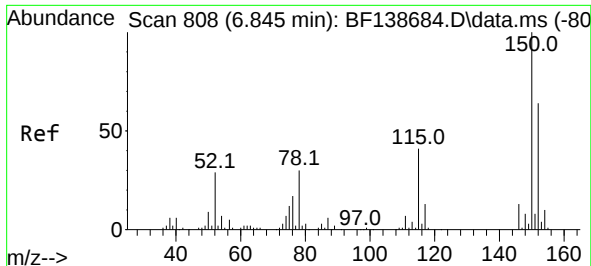
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
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OU4-PCS-01-072324

Quant Time: Aug 01 11:52:08 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
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Response via : Initial Calibration

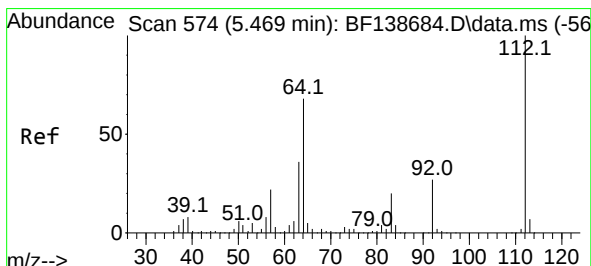
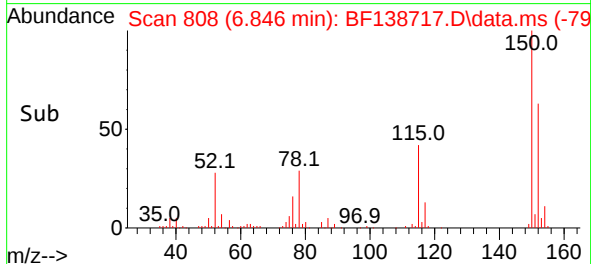
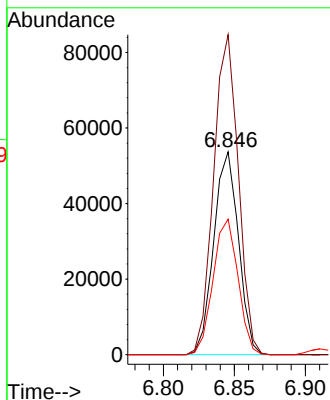
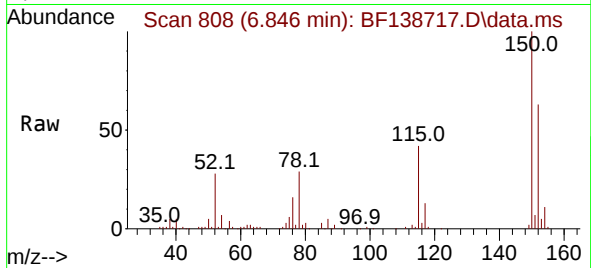




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 80
Delta R.T. 0.001 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

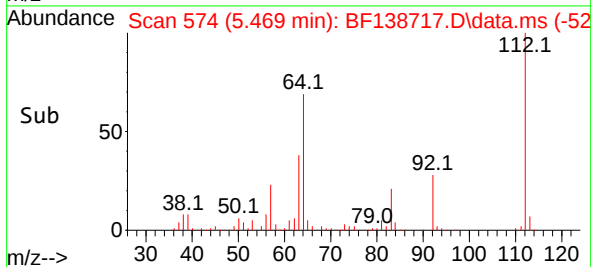
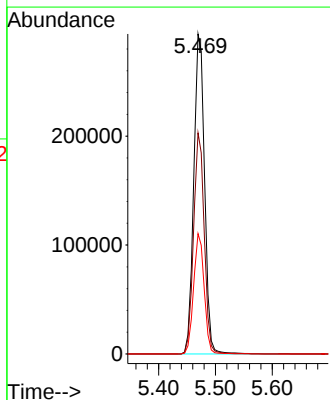
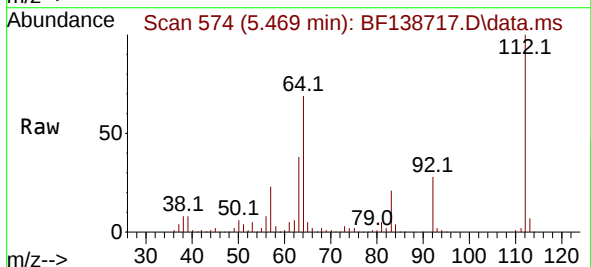
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324

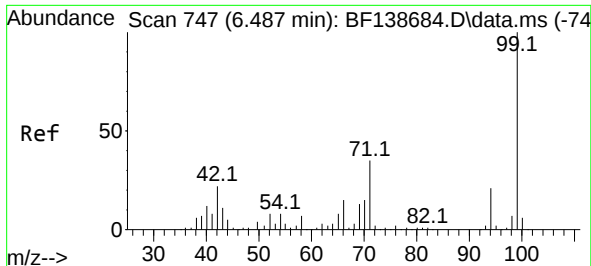
Tgt Ion:152 Resp: 64959
Ion Ratio Lower Upper
152 100
150 157.7 126.0 189.0
115 66.8 51.7 77.5



#5
2-Fluorophenol
Concen: 92.811 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

Tgt Ion:112 Resp: 390561
Ion Ratio Lower Upper
112 100
64 69.1 54.2 81.4
63 37.6 28.7 43.1

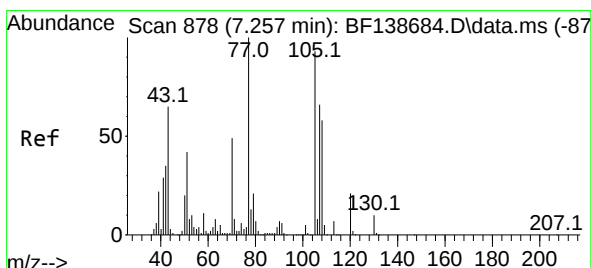
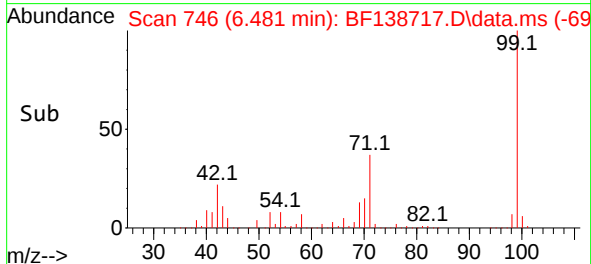
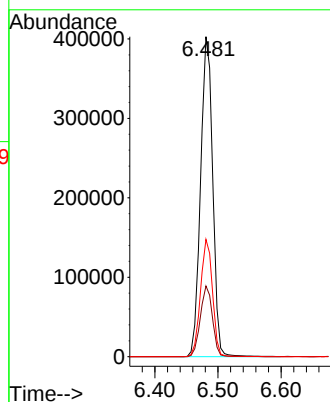
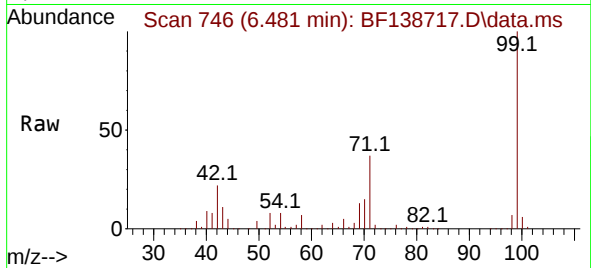




#7
Phenol-d6
Concen: 95.141 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

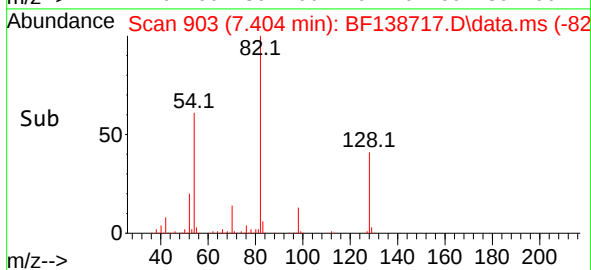
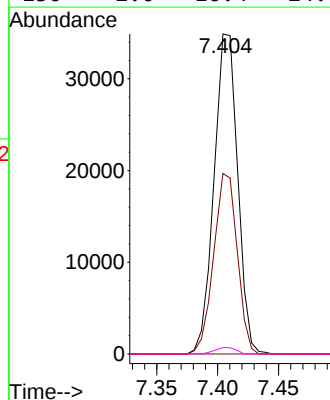
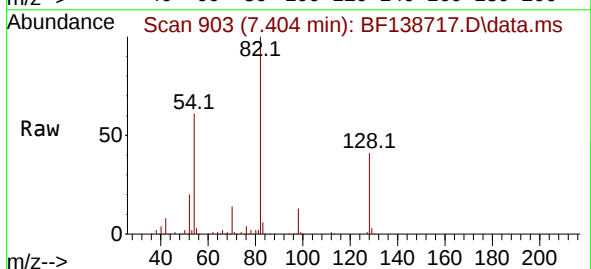
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324

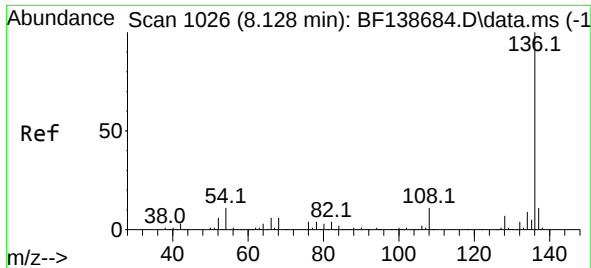
Tgt Ion: 99 Resp: 537531
Ion Ratio Lower Upper
99 100
42 22.1 17.4 26.0
71 36.6 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 13.825 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

Tgt Ion: 70 Resp: 47178
Ion Ratio Lower Upper
70 100
42 56.4 57.4 86.0#
101 0.0 7.5 11.3#
130 2.0 16.4 24.6#

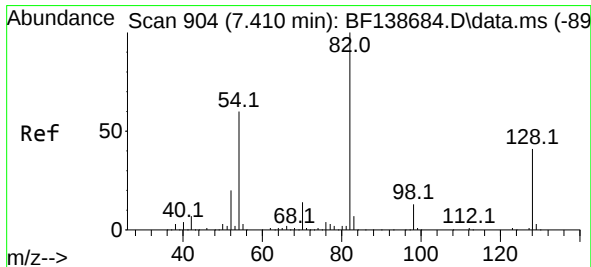
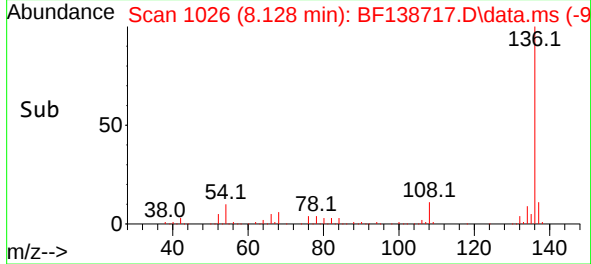
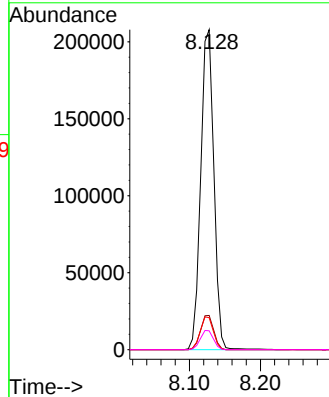
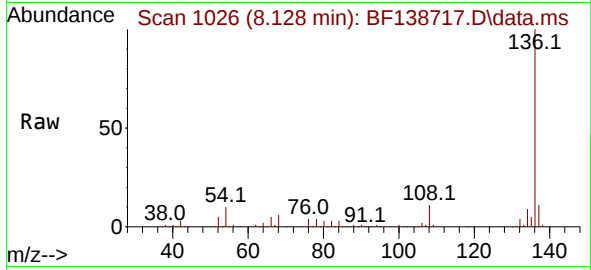




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

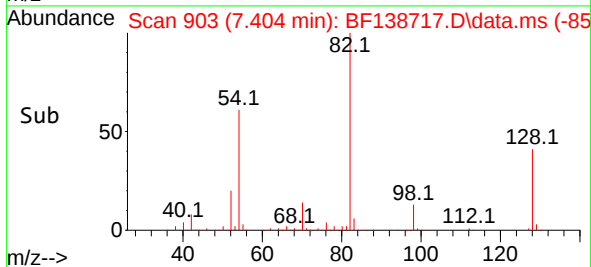
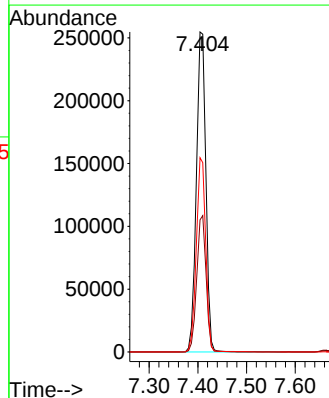
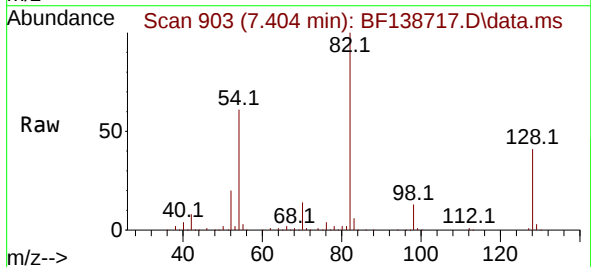
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324

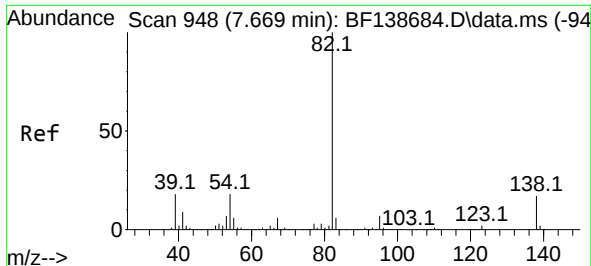
Tgt Ion:	136	Resp:	267825
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	10.0	8.6	12.8
68	5.9	4.8	7.2



#23
Nitrobenzene-d5
Concen: 63.449 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

Tgt Ion:	82	Resp:	347570
Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	60.7	48.3	72.5

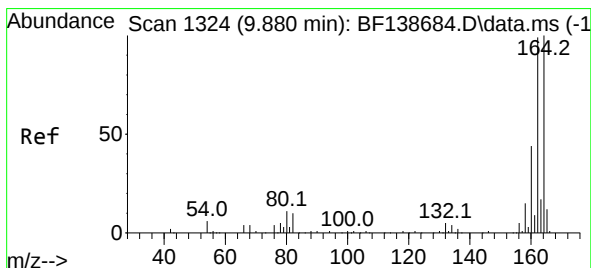
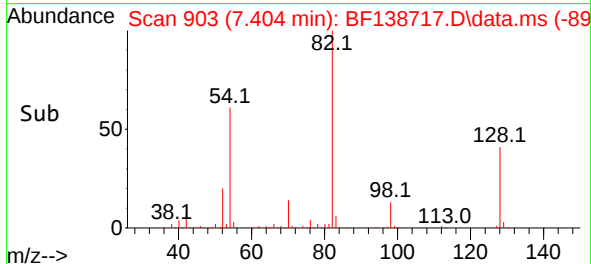
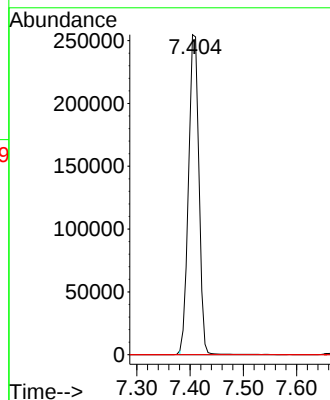
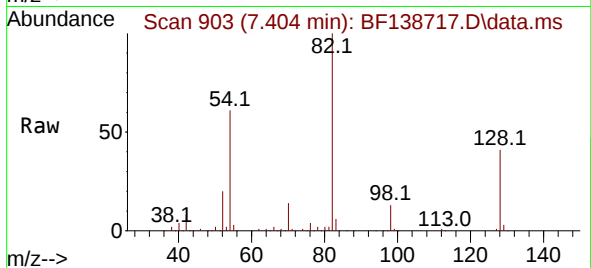




#25
Isophorone
Concen: 37.030 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

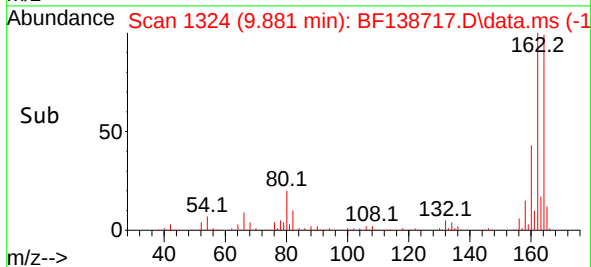
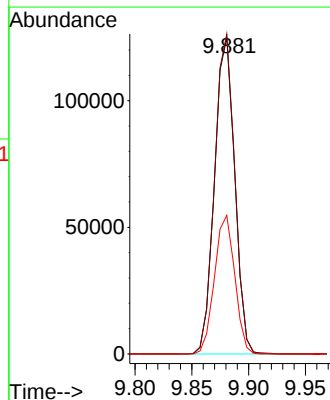
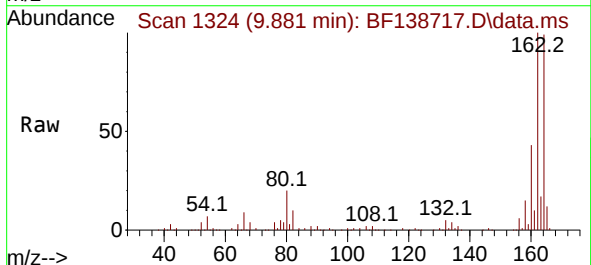
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324

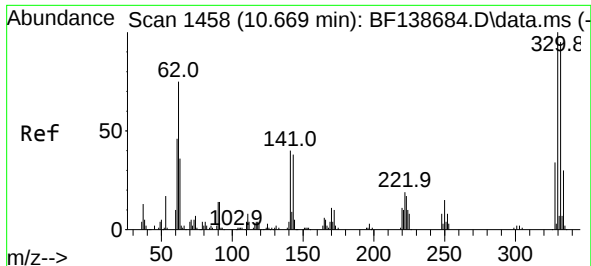
Tgt Ion: 82 Resp: 346371
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.7 20.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.001 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

Tgt Ion:164 Resp: 154361
Ion Ratio Lower Upper
164 100
162 101.2 79.4 119.0
160 43.8 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 109.498 ng

RT: 10.669 min Scan# 1458

Delta R.T. 0.000 min

Lab File: BF138717.D

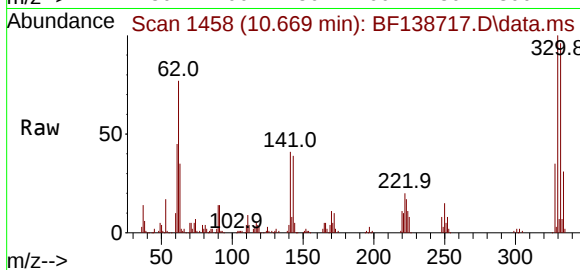
Acq: 01 Aug 2024 11:19

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-01-072324



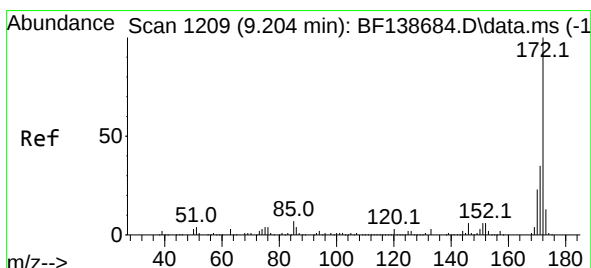
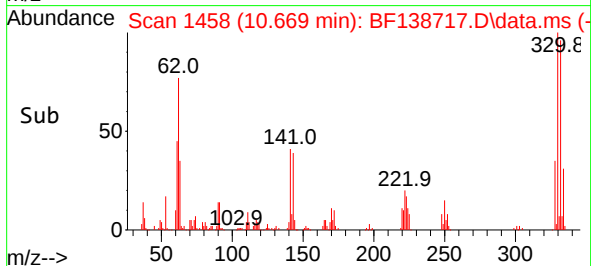
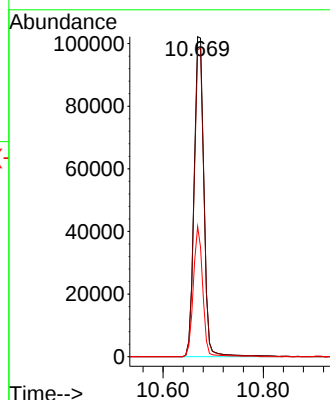
Tgt Ion:330 Resp: 138452

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

141 39.0 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 61.161 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138717.D

Acq: 01 Aug 2024 11:19

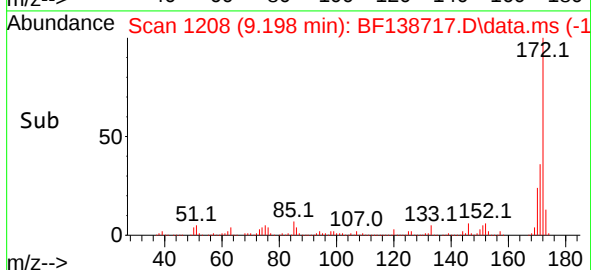
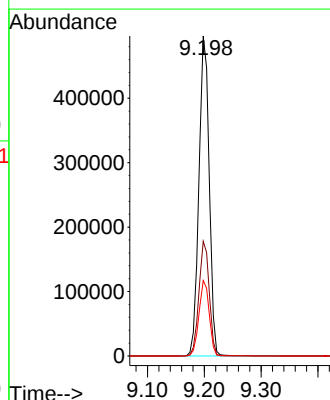
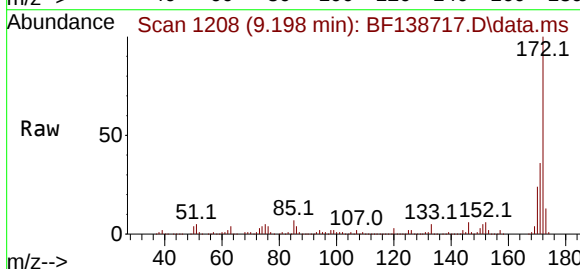
Tgt Ion:172 Resp: 628346

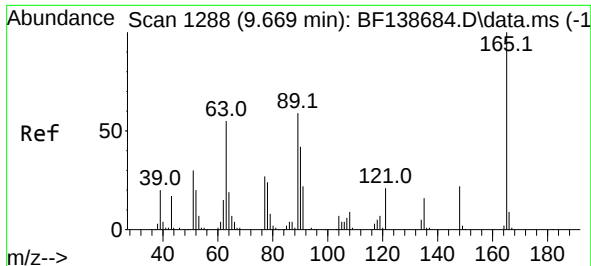
Ion Ratio Lower Upper

172 100

171 35.8 28.3 42.5

170 23.6 18.8 28.2

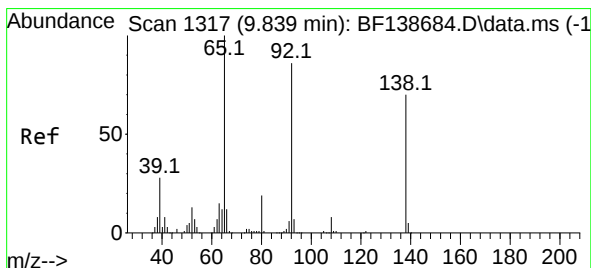
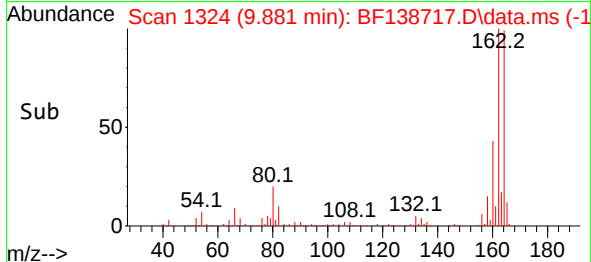
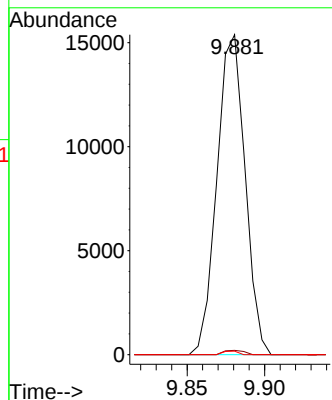
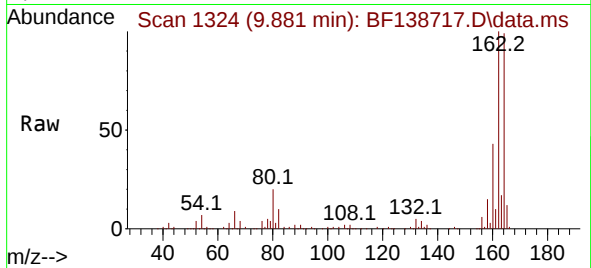




#51
2,6-Dinitrotoluene
Concen: 8.725 ng
RT: 9.881 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

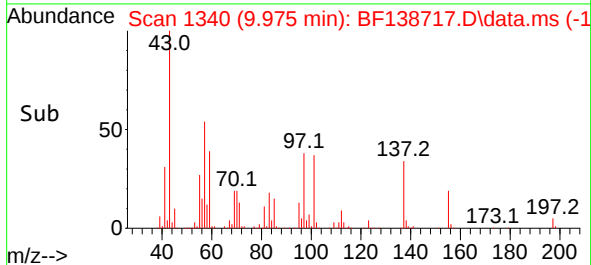
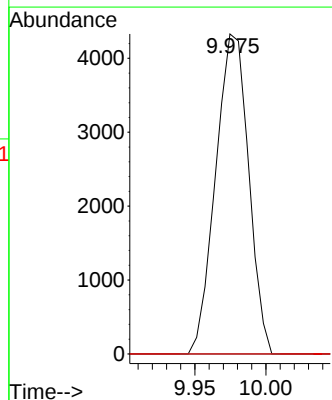
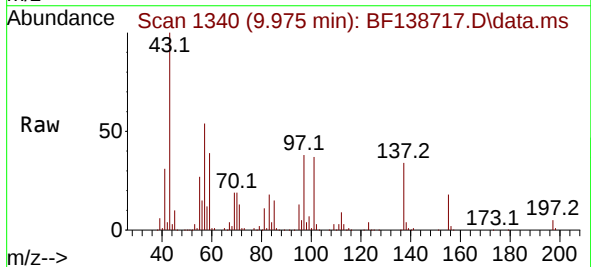
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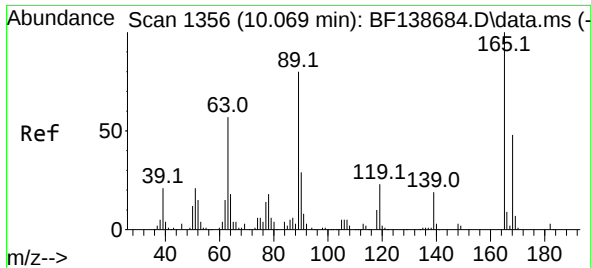
Tgt Ion:165 Resp: 19435
Ion Ratio Lower Upper
165 100
63 1.4 52.0 78.0#
89 1.1 47.0 70.6#



#53
3-Nitroaniline
Concen: 3.036 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.135 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

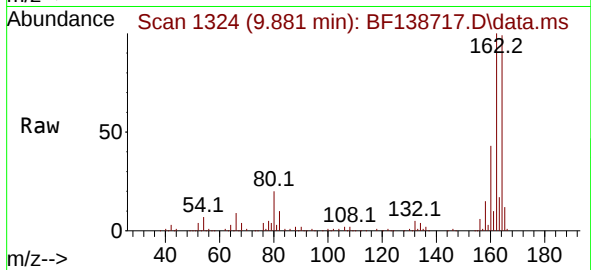
Tgt Ion:138 Resp: 6992
Ion Ratio Lower Upper
138 100
108 0.0 9.1 13.7#
92 0.0 98.7 148.1#



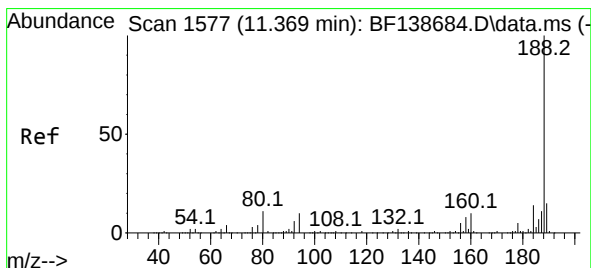
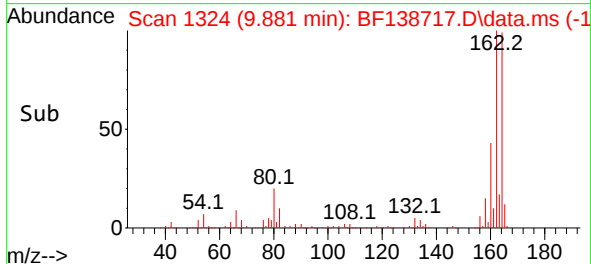
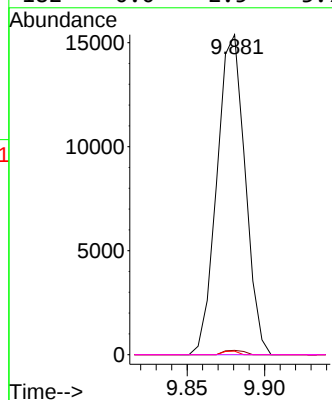


#57
2,4-Dinitrotoluene
Concen: 6.839 ng
RT: 9.881 min Scan# 11
Delta R.T. -0.188 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324

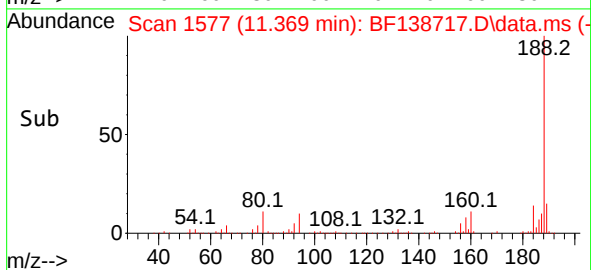
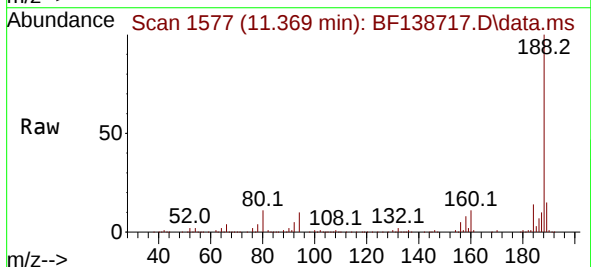
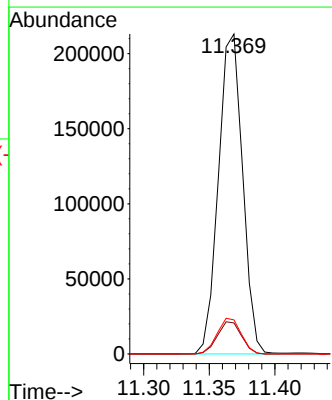


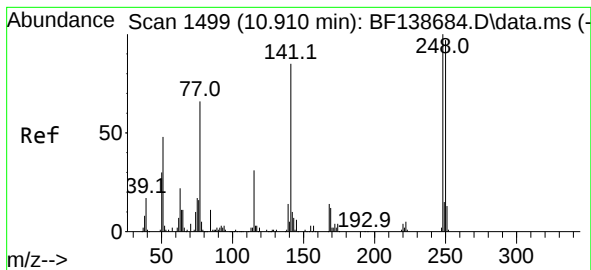
Tgt Ion:165 Resp: 19435
Ion Ratio Lower Upper
165 100
63 1.4 46.3 69.5#
89 1.1 64.2 96.4#
182 0.0 2.5 3.7#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.369 min Scan# 1577
Delta R.T. 0.000 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

Tgt Ion:188 Resp: 273050
Ion Ratio Lower Upper
188 100
94 9.7 7.6 11.4
80 10.7 8.6 12.8

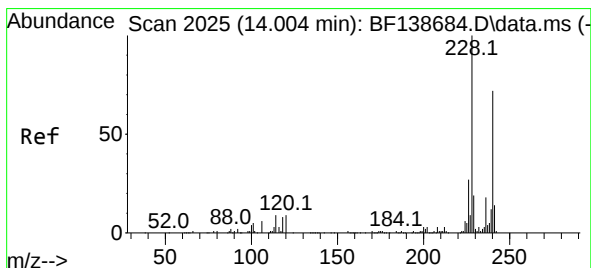
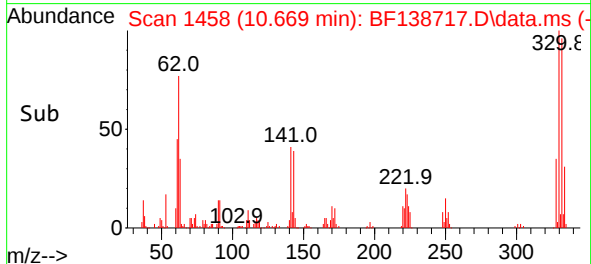
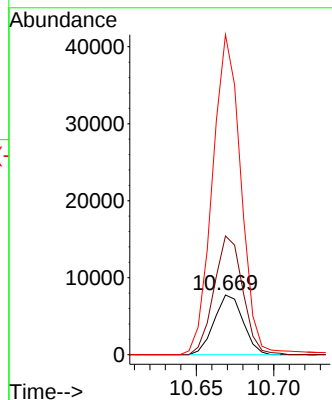
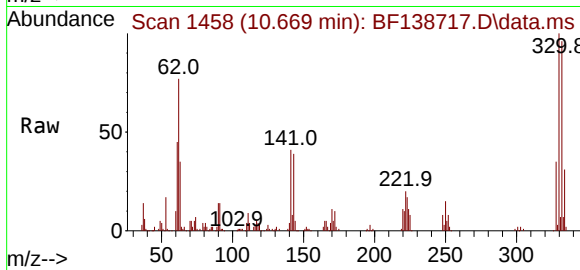




#67
4-Bromophenyl-phenylether
Concen: 3.401 ng
RT: 10.669 min Scan# 1499
Delta R.T. -0.241 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

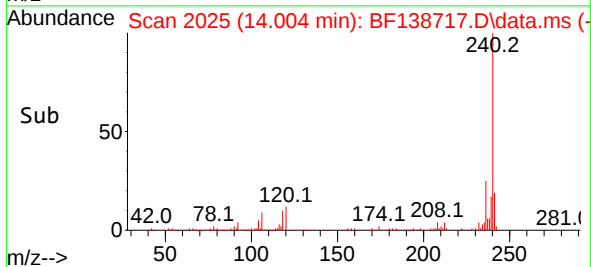
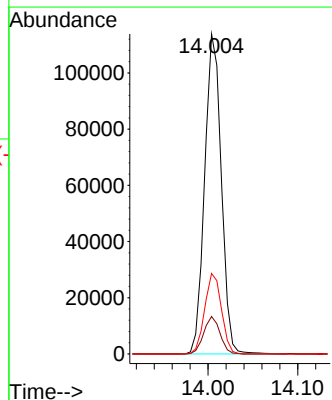
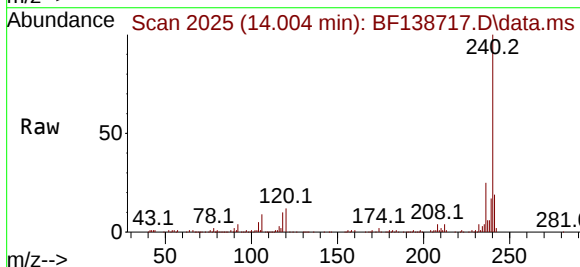
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-01-072324

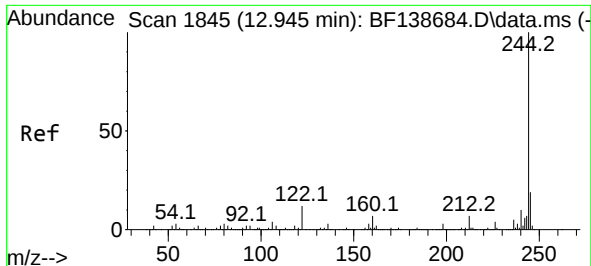
Tgt Ion:248 Resp: 10055
Ion Ratio Lower Upper
248 100
250 199.0 77.7 116.5#
141 536.6 68.0 102.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138717.D
Acq: 01 Aug 2024 11:19

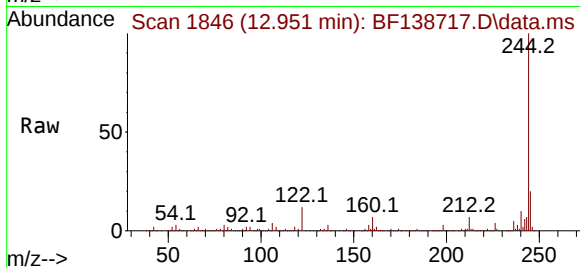
Tgt Ion:240 Resp: 146559
Ion Ratio Lower Upper
240 100
120 11.7 10.2 15.4
236 25.2 19.8 29.8



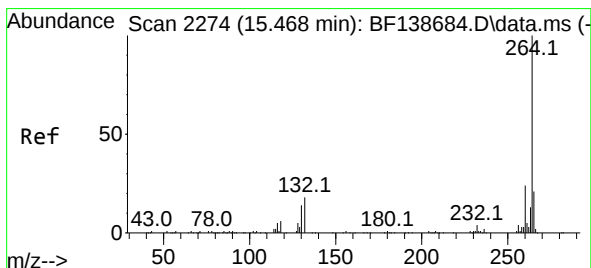
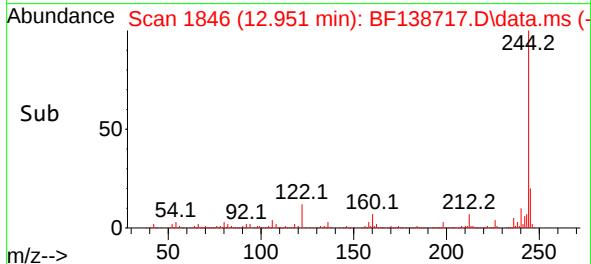
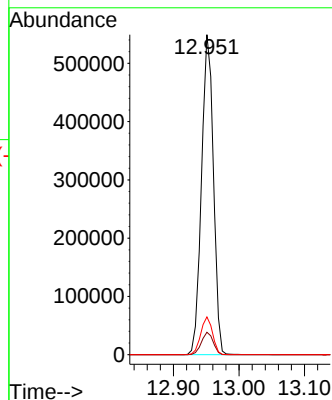


#79
 Terphenyl-d14
 Concen: 79.521 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. 0.006 min
 Lab File: BF138717.D
 Acq: 01 Aug 2024 11:19

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-01-072324



Tgt Ion:244 Resp: 696094
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.8 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.474 min Scan# 2275
 Delta R.T. 0.006 min
 Lab File: BF138717.D
 Acq: 01 Aug 2024 11:19

Tgt Ion:264 Resp: 128853
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.0 28.6
 265 21.2 17.0 25.6

