

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080124\
 Data File : BF138720.D
 Acq On : 01 Aug 2024 12:51
 Operator : RC/JU
 Sample : P3379-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OU4-PCS-02-072324

Quant Time: Aug 01 13:15:39 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)

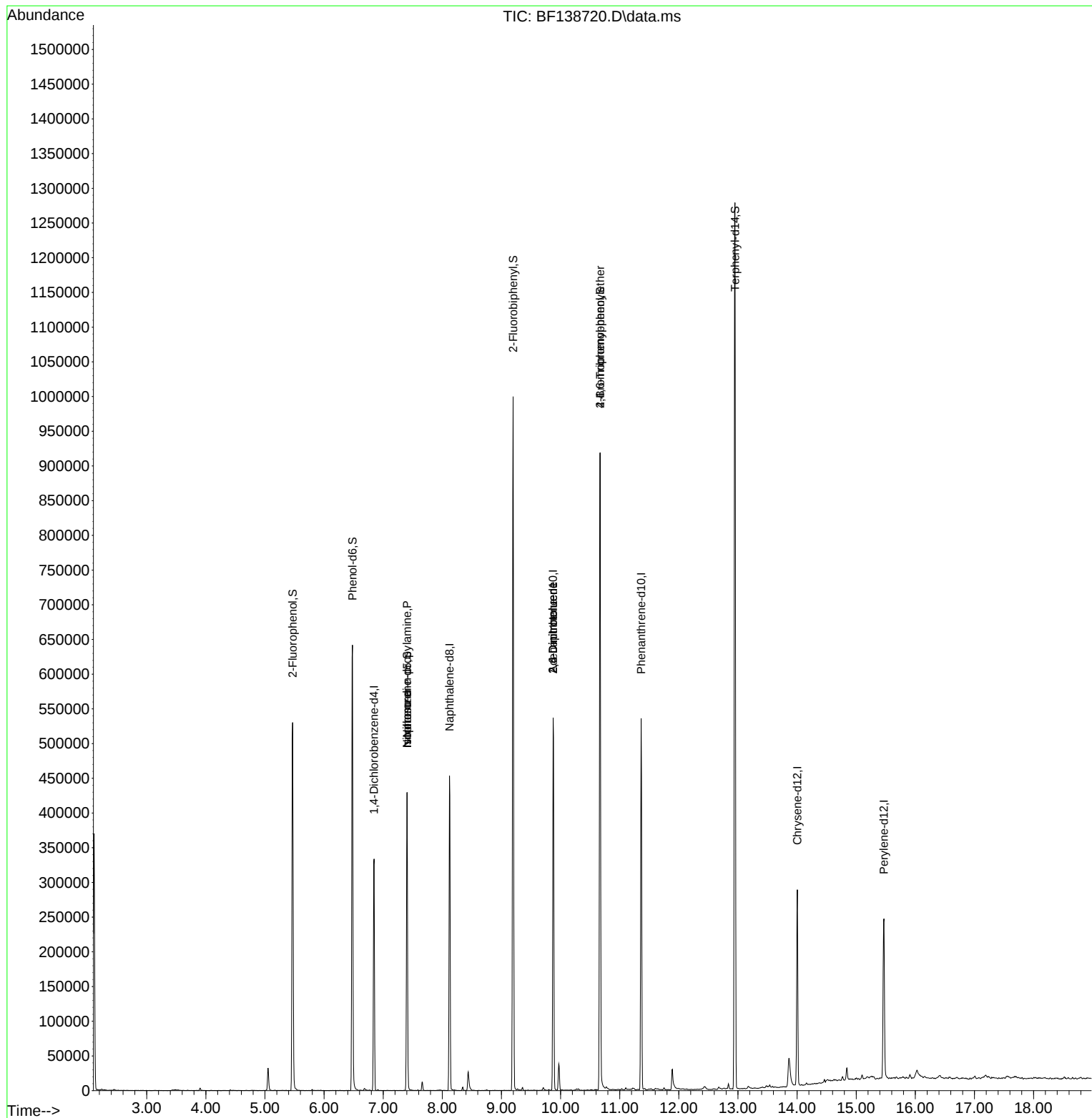
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	66668	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	275852	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	157049	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	270380	20.000	ng	0.00
76) Chrysene-d12	14.004	240	129760	20.000	ng	0.00
86) Perylene-d12	15.468	264	128780	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	185999	43.067	ng	0.00
7) Phenol-d6	6.481	99	286841	49.468	ng	0.00
23) Nitrobenzene-d5	7.404	82	181412	32.153	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	135269	105.150	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	409988	39.224	ng	0.00
79) Terphenyl-d14	12.951	244	624957	80.637	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.404	70	24038	6.864	ng	# 77
25) Isophorone	7.404	82	179973	18.681	ng	# 66
51) 2,6-Dinitrotoluene	9.875	165	20276	8.947	ng	# 21
57) 2,4-Dinitrotoluene	9.875	165	20276	7.013	ng	# 18
67) 4-Bromophenyl-phenylether	10.669	248	9853	3.366	ng	# 1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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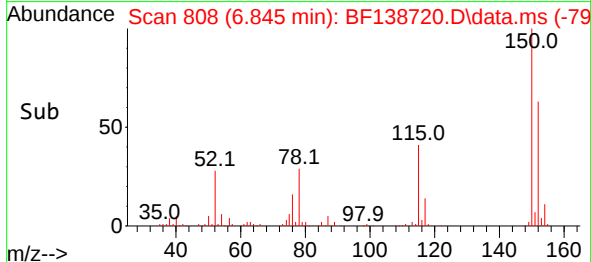
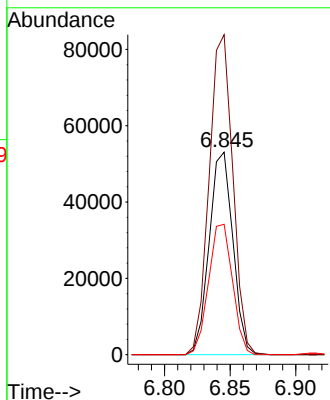
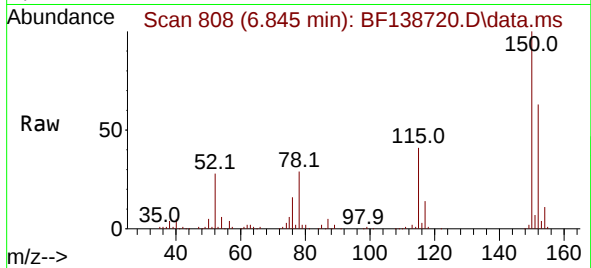




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 808
Delta R.T. 0.000 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

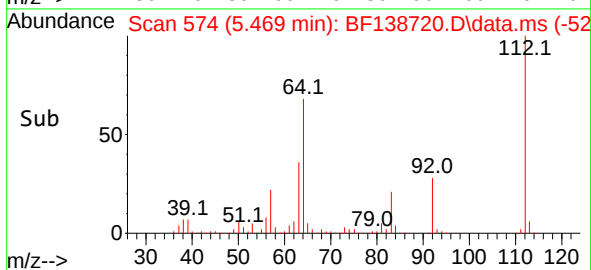
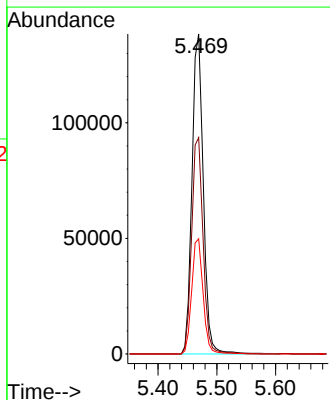
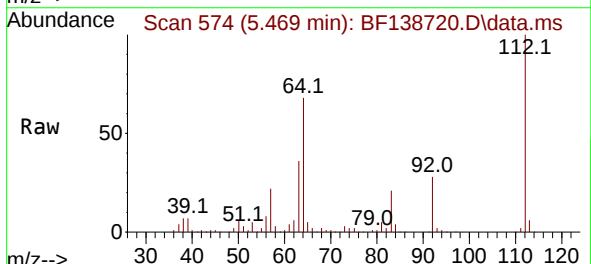
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-02-072324

Tgt Ion:152 Resp: 66668
Ion Ratio Lower Upper
152 100
150 158.0 126.0 189.0
115 64.4 51.7 77.5



#5
2-Fluorophenol
Concen: 43.067 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

Tgt Ion:112 Resp: 185999
Ion Ratio Lower Upper
112 100
64 67.6 54.2 81.4
63 36.0 28.7 43.1

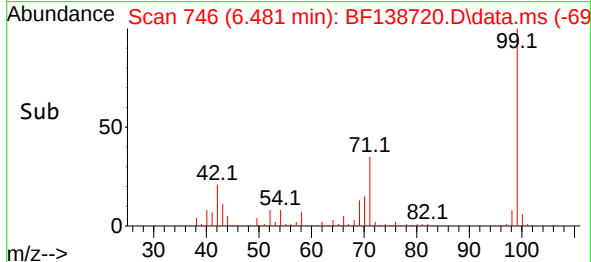
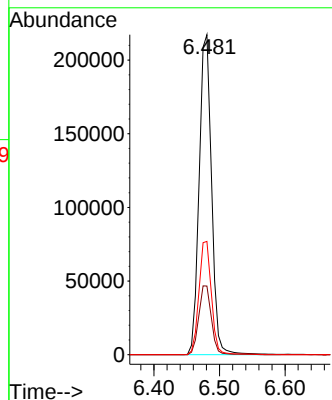
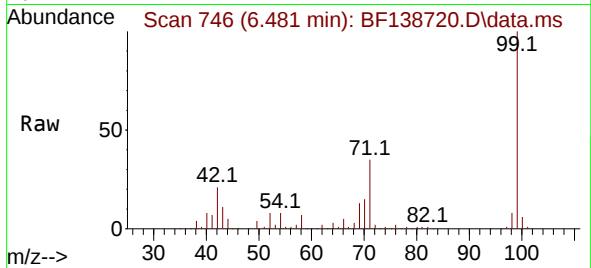




#7
Phenol-d6
Concen: 49.468 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

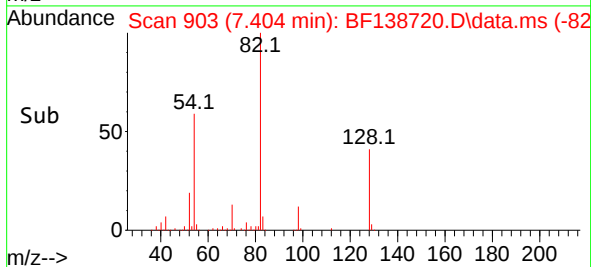
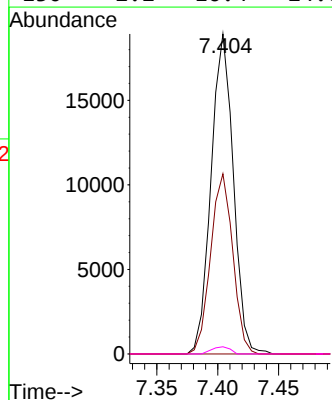
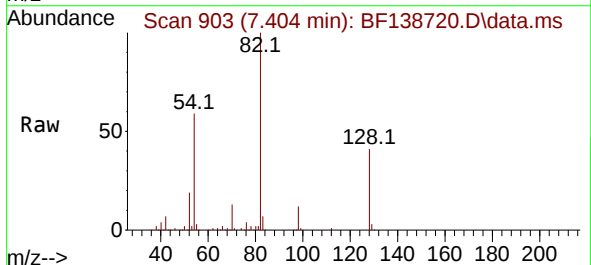
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-02-072324

Tgt Ion: 99 Resp: 286841
Ion Ratio Lower Upper
99 100
42 21.5 17.4 26.0
71 35.4 28.1 42.1



#19
n-Nitroso-di-n-propylamine
Concen: 6.864 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.147 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

Tgt Ion: 70 Resp: 24038
Ion Ratio Lower Upper
70 100
42 56.3 57.4 86.0#
101 0.0 7.5 11.3#
130 2.2 16.4 24.6#



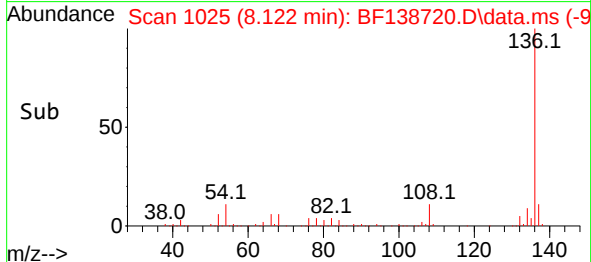
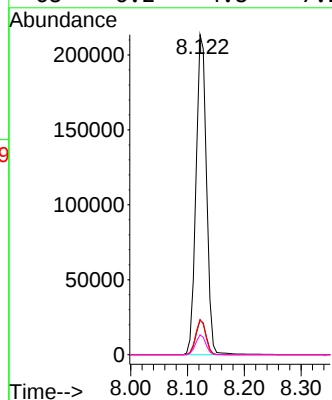
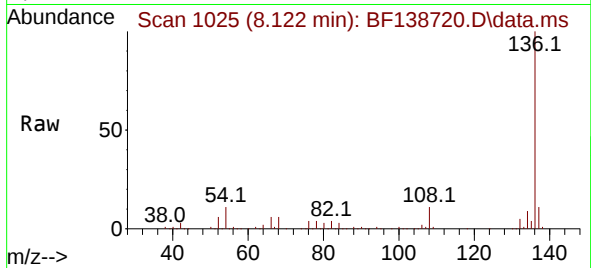


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-02-072324

Tgt Ion:136 Resp: 275852

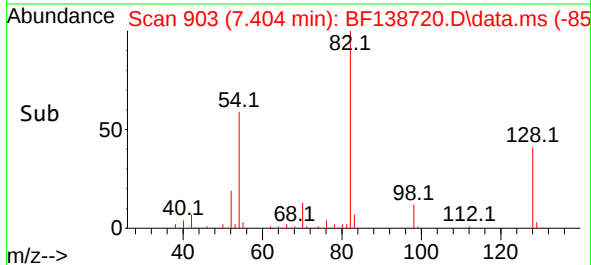
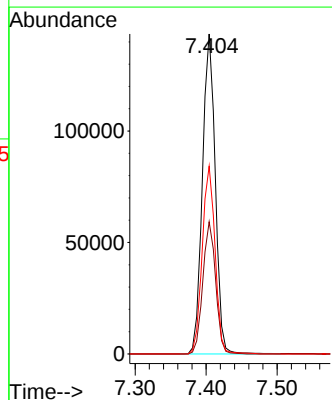
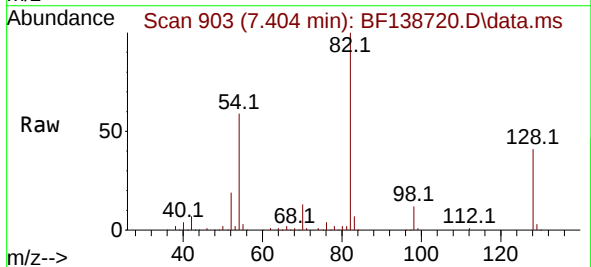
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.9	13.3
54	11.0	8.6	12.8
68	6.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 32.153 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.006 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

Tgt Ion: 82 Resp: 181412

Ion	Ratio	Lower	Upper
82	100		
128	41.3	32.8	49.2
54	58.7	48.3	72.5

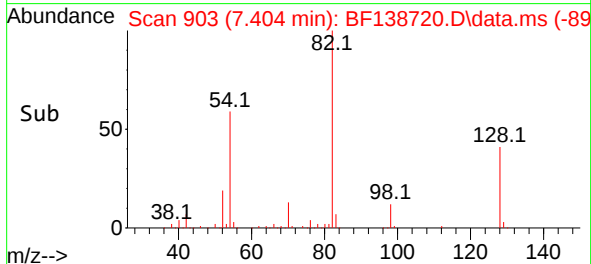
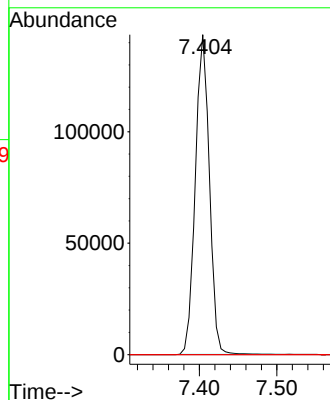
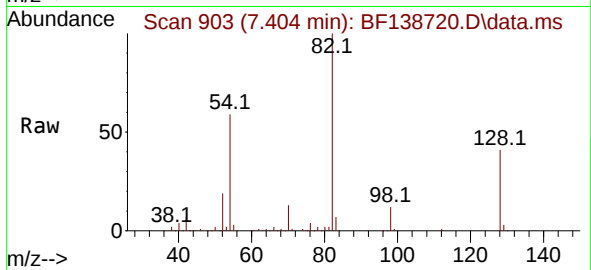




#25
Isophorone
Concen: 18.681 ng
RT: 7.404 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

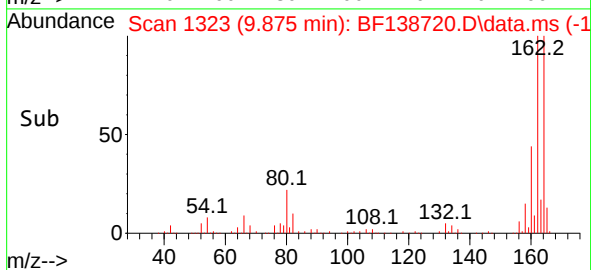
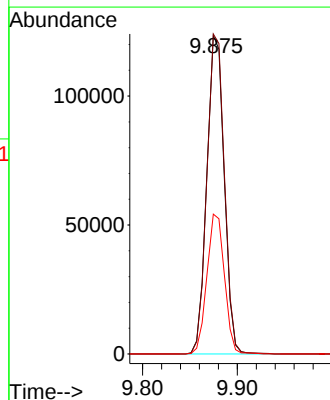
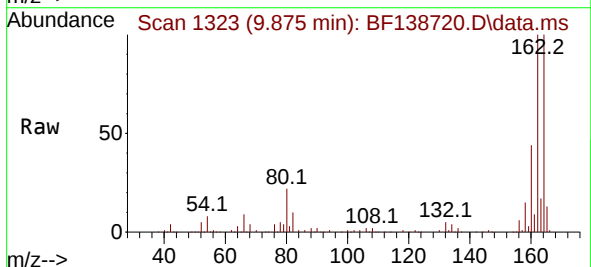
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-02-072324

Tgt Ion: 82 Resp: 179973
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: 9.875 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

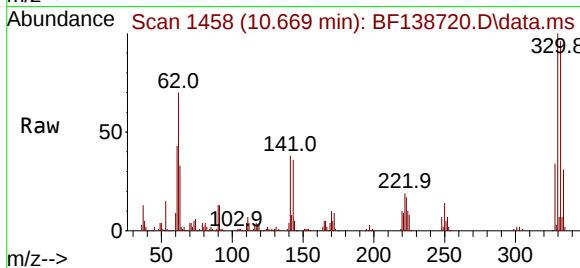
Tgt Ion:164 Resp: 157049
Ion Ratio Lower Upper
164 100
162 100.4 79.4 119.0
160 43.9 35.1 52.7



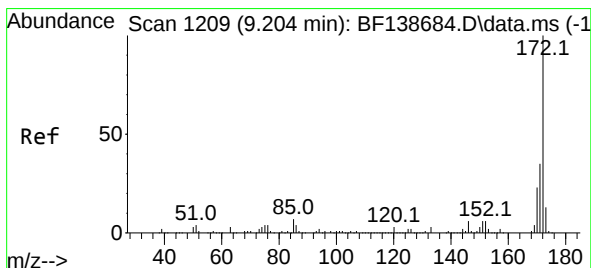
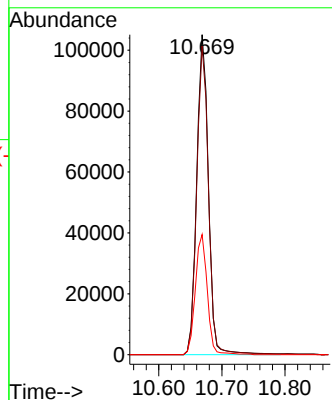
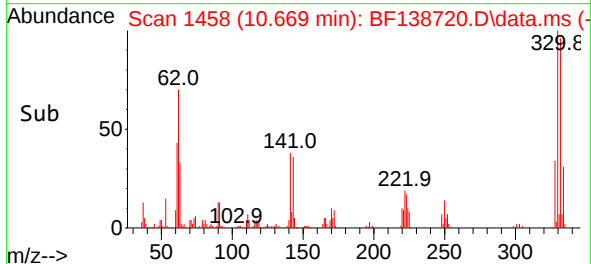


#42
2,4,6-Tribromophenol
Concen: 105.150 ng
RT: 10.669 min Scan# 1458
Delta R.T. 0.000 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-02-072324

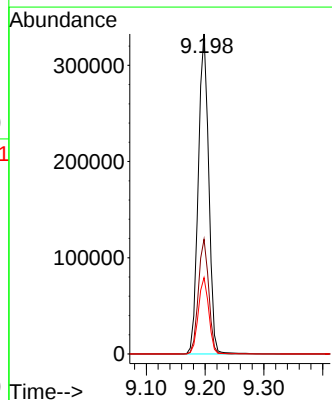
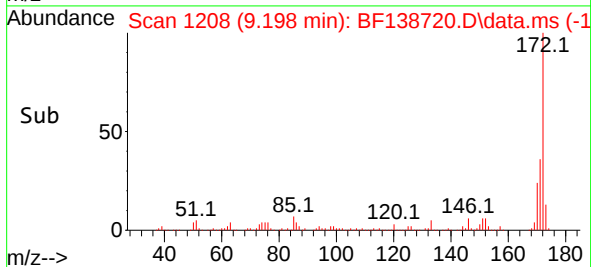
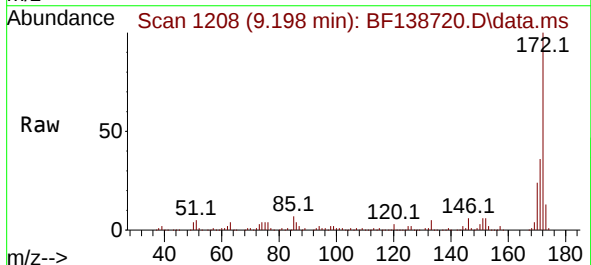


Tgt Ion:330 Resp: 135269
Ion Ratio Lower Upper
330 100
332 97.0 76.4 114.6
141 38.2 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 39.224 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

Tgt Ion:172 Resp: 409988
Ion Ratio Lower Upper
172 100
171 35.8 28.3 42.5
170 23.8 18.8 28.2

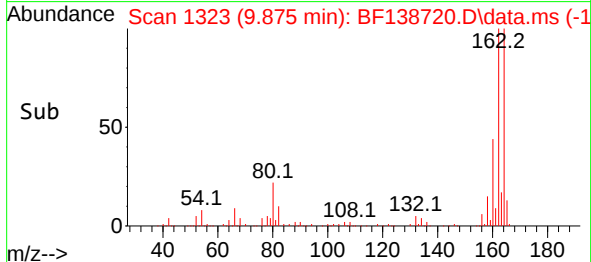
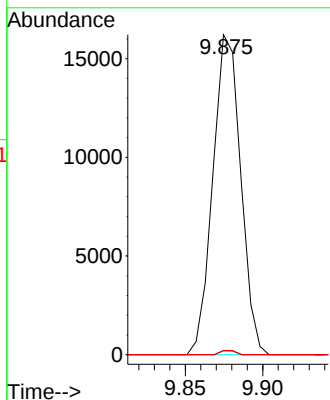
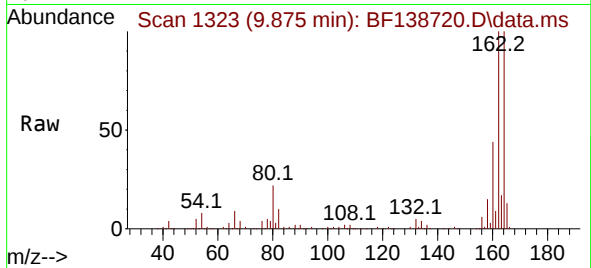




#51
2,6-Dinitrotoluene
Concen: 8.947 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

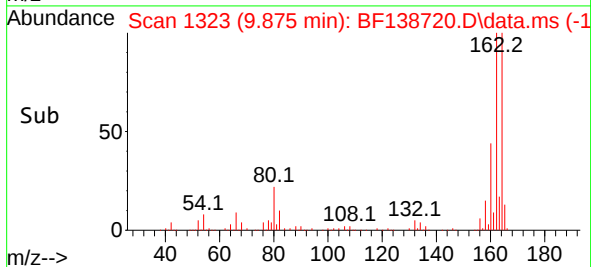
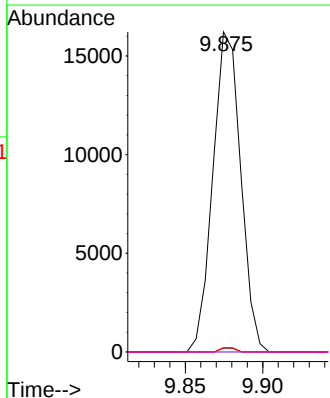
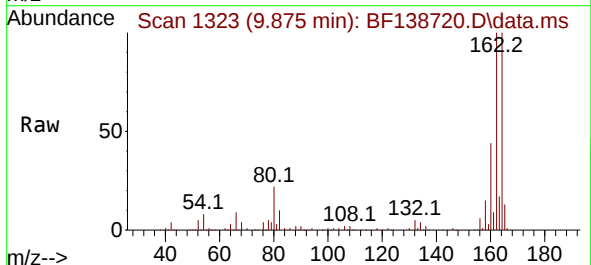
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-02-072324

Tgt Ion:165 Resp: 20276
Ion Ratio Lower Upper
165 100
63 1.2 52.0 78.0#
89 1.4 47.0 70.6#



#57
2,4-Dinitrotoluene
Concen: 7.013 ng
RT: 9.875 min Scan# 1323
Delta R.T. -0.194 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

Tgt Ion:165 Resp: 20276
Ion Ratio Lower Upper
165 100
63 1.2 46.3 69.5#
89 1.4 64.2 96.4#
182 0.0 2.5 3.7#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF138720.D

Acq: 01 Aug 2024 12:51

Instrument :

BNA_F

ClientSampleId :

OU4-PCS-02-072324

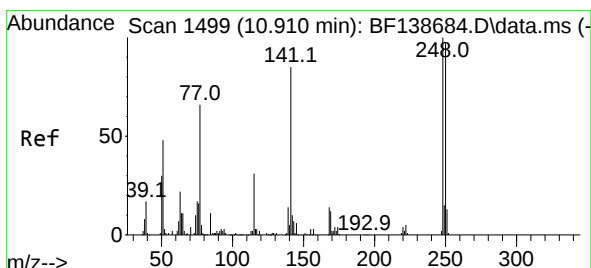
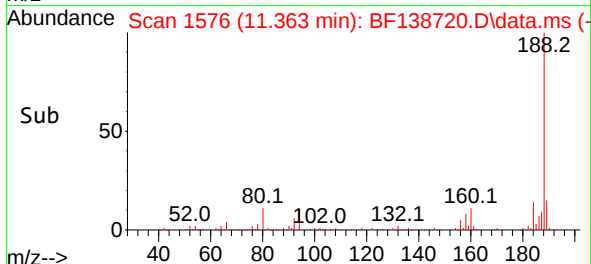
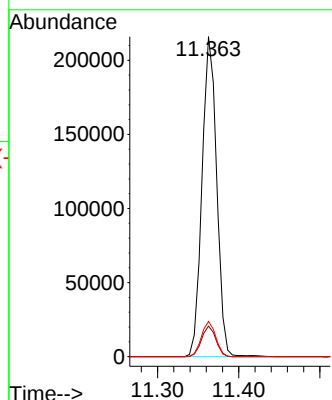
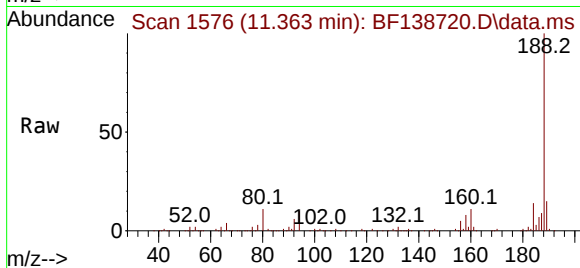
Tgt Ion:188 Resp: 270380

Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 11.0 8.6 12.8



#67

4-Bromophenyl-phenylether

Concen: 3.366 ng

RT: 10.669 min Scan# 1458

Delta R.T. -0.241 min

Lab File: BF138720.D

Acq: 01 Aug 2024 12:51

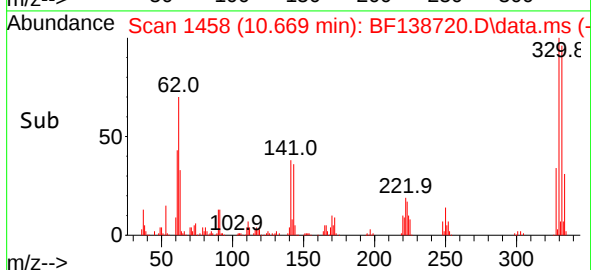
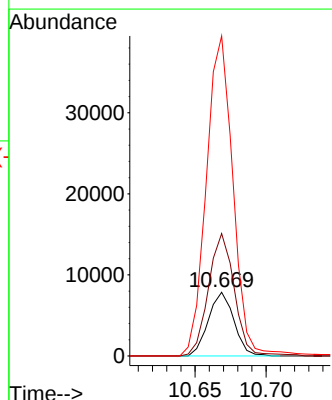
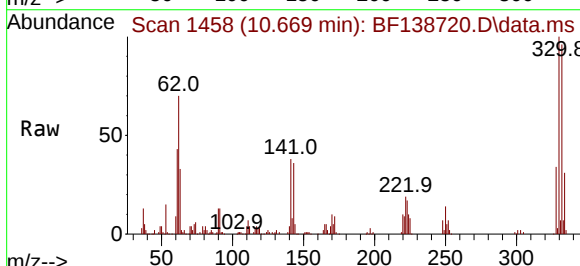
Tgt Ion:248 Resp: 9853

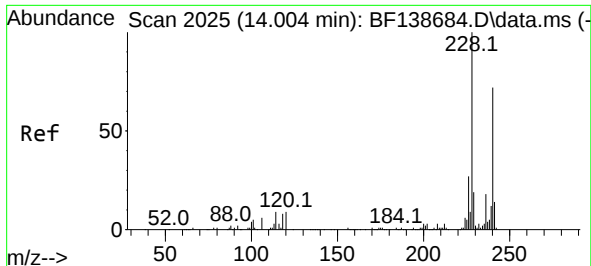
Ion Ratio Lower Upper

248 100

250 192.3 77.7 116.5#

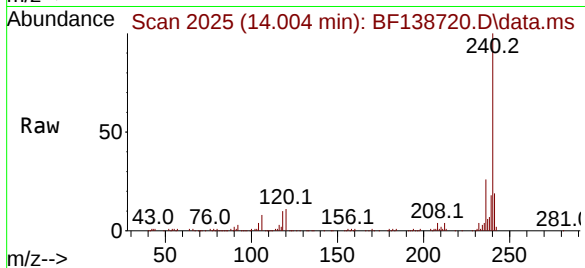
141 502.9 68.0 102.0#



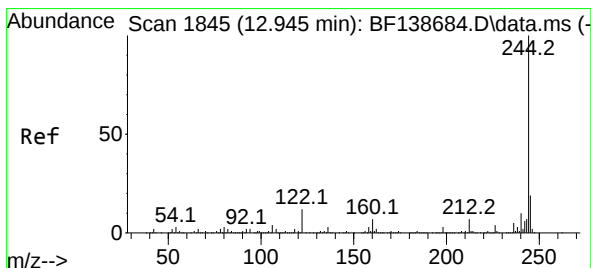
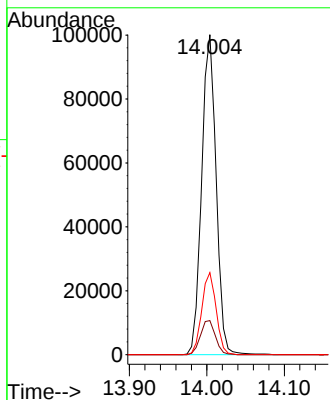
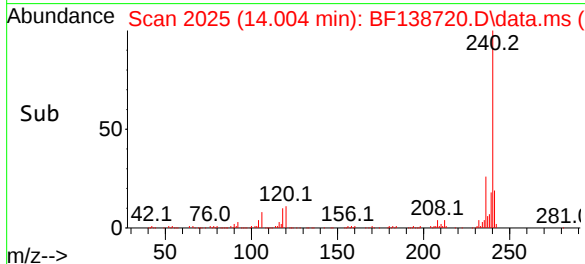


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

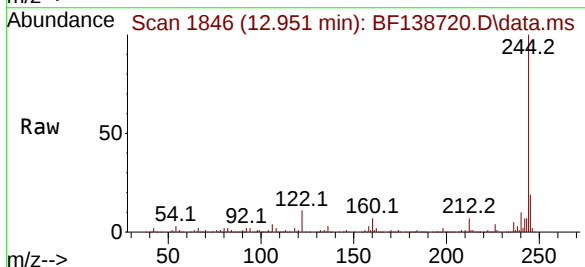
Instrument :
BNA_F
ClientSampleId :
OU4-PCS-02-072324



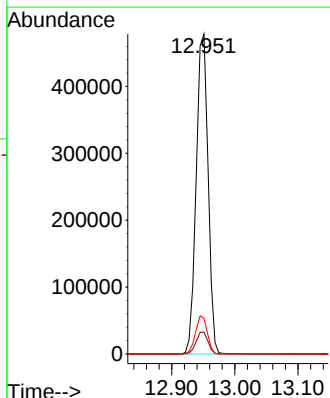
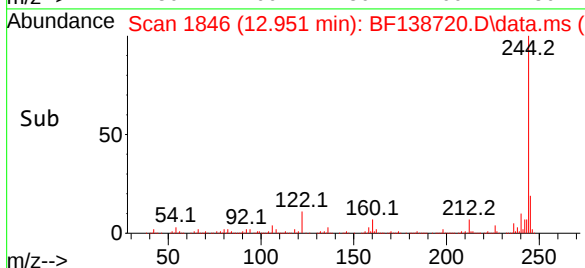
Tgt Ion:240 Resp: 129760
Ion Ratio Lower Upper
240 100
120 10.6 10.2 15.4
236 25.7 19.8 29.8

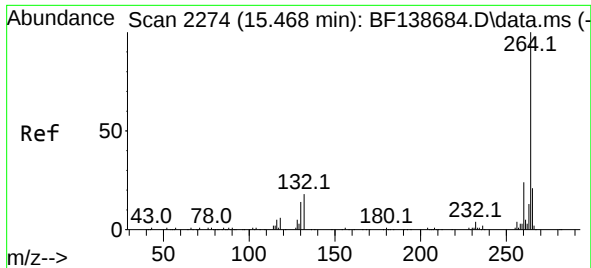


#79
Terphenyl-d14
Concen: 80.637 ng
RT: 12.951 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51



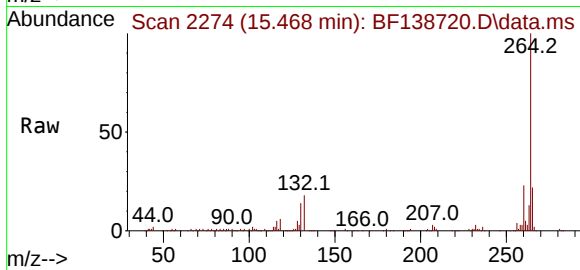
Tgt Ion:244 Resp: 624957
Ion Ratio Lower Upper
244 100
212 6.9 5.4 8.2
122 11.2 9.6 14.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138720.D
Acq: 01 Aug 2024 12:51

Instrument :
BNA_F
ClientSampleId :
OU4-PCS-02-072324



Tgt Ion:264	Resp:	128780
Ion	Ratio	Lower Upper
264	100	
260	23.5	19.0 28.6
265	21.6	17.0 25.6

