

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080624\
 Data File : BF138823.D
 Acq On : 06 Aug 2024 23:58
 Operator : RC/JU
 Sample : P3396-12RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF05-02RE

Quant Time: Aug 07 01:06:58 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	6.840	152	38546	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	155780	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	89109	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	158955	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	75013	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	74776	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	221841	88.841	ng	0.00
7) Phenol-d6	6.481	99	201729	60.171	ng	0.00
23) Nitrobenzene-d5	7.404	82	331087	103.911	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	127304	174.408	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	619134	104.394	ng	-0.01
79) Terphenyl-d14	12.945	244	661644	147.677	ng	0.00

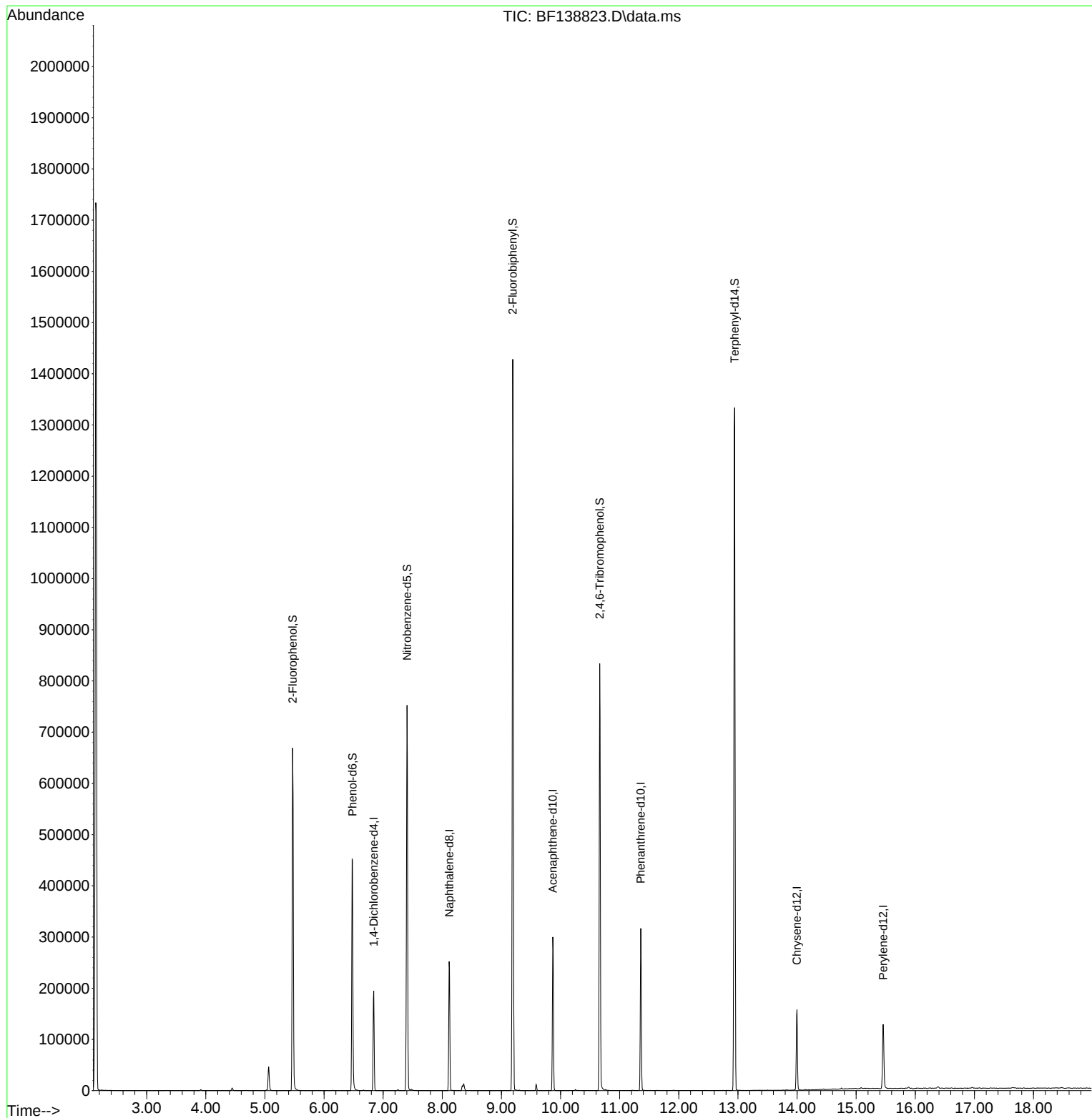
Target Compounds	Qvalue

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

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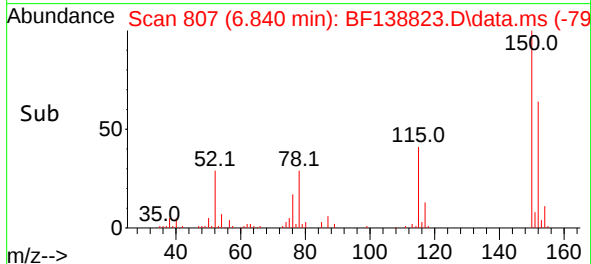
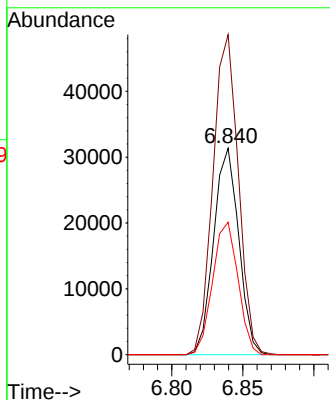
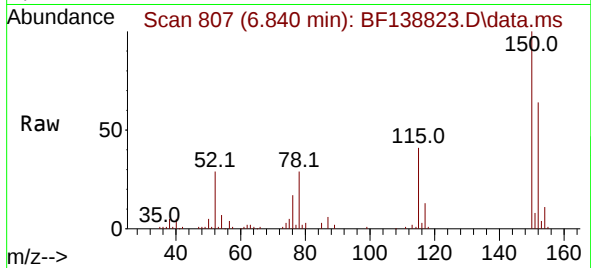




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 808
Delta R.T. -0.005 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

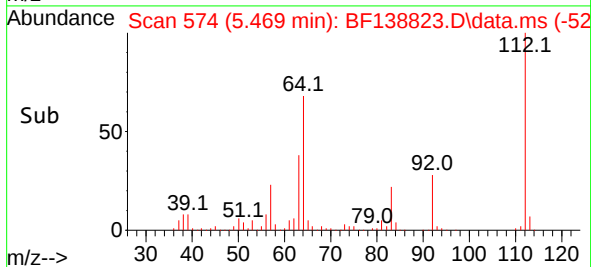
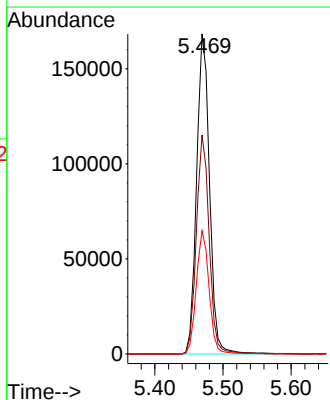
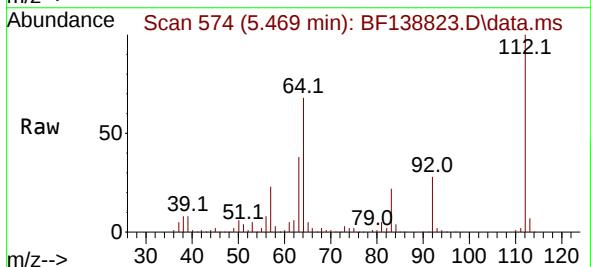
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02RE

Tgt Ion:152 Resp: 38546
Ion Ratio Lower Upper
152 100
150 155.1 126.0 189.0
115 64.2 51.7 77.5



#5
2-Fluorophenol
Concen: 88.841 ng
RT: 5.469 min Scan# 574
Delta R.T. 0.000 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

Tgt Ion:112 Resp: 221841
Ion Ratio Lower Upper
112 100
64 68.5 54.2 81.4
63 38.5 28.7 43.1

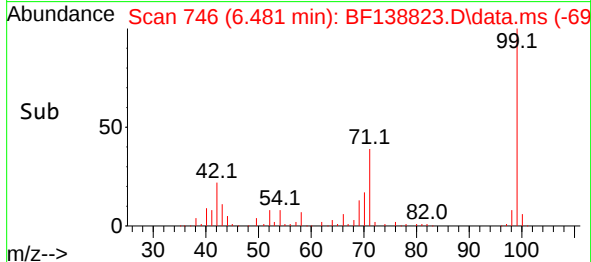
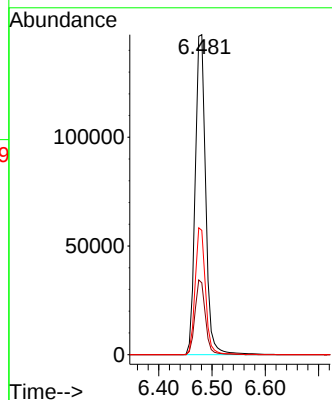
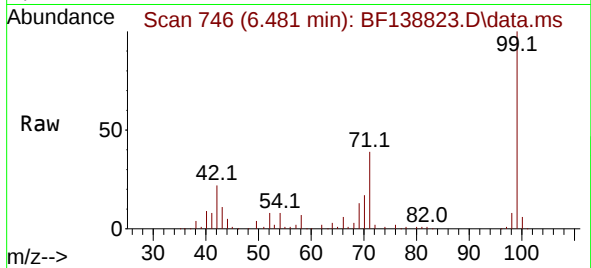




#7
Phenol-d6
Concen: 60.171 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

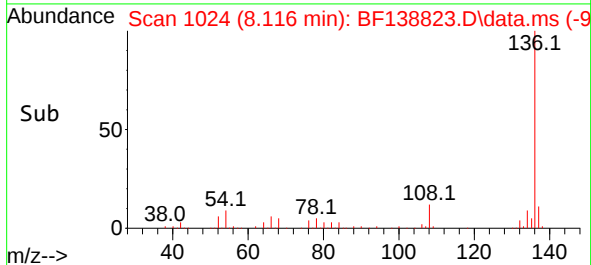
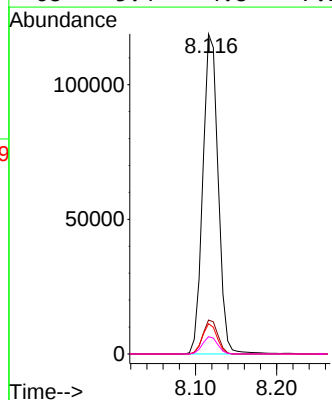
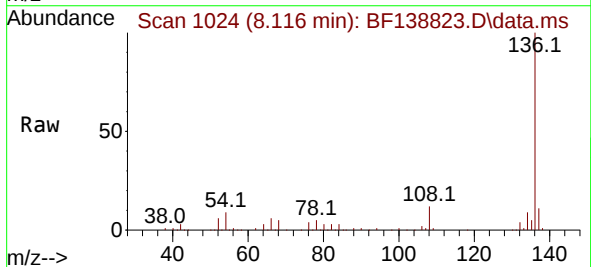
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02RE

Tgt Ion: 99 Resp: 201729
Ion Ratio Lower Upper
99 100
42 22.5 17.4 26.0
71 38.9 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

Tgt Ion: 136 Resp: 155780
Ion Ratio Lower Upper
136 100
137 10.6 8.9 13.3
54 9.4 8.6 12.8
68 5.4 4.8 7.2

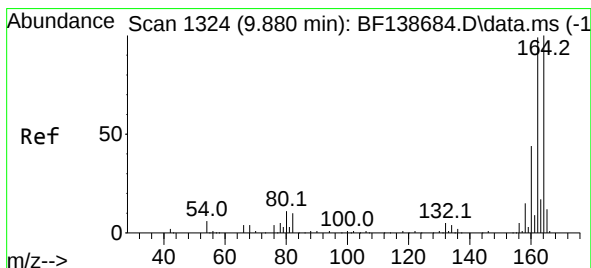
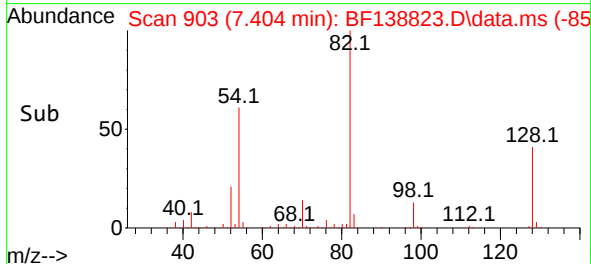
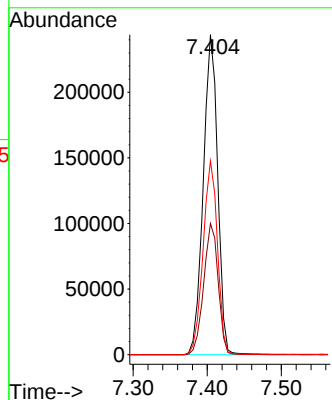
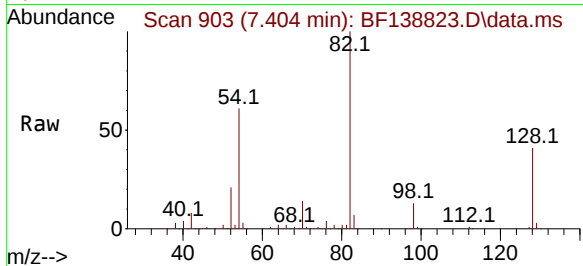




#23
 Nitrobenzene-d5
 Concen: 103.911 ng
 RT: 7.404 min Scan# 904
 Delta R.T. -0.006 min
 Lab File: BF138823.D
 Acq: 06 Aug 2024 23:58

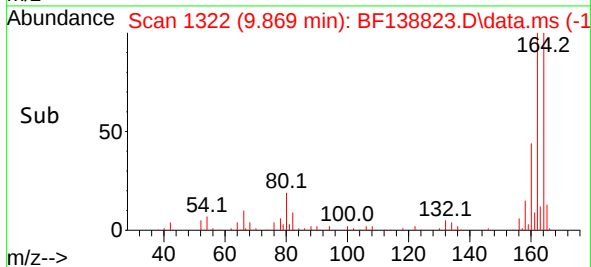
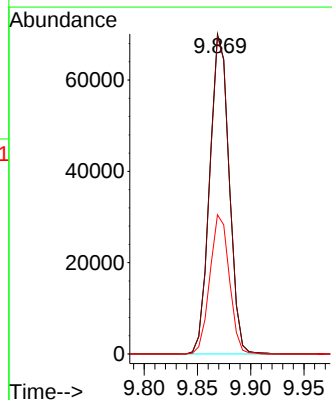
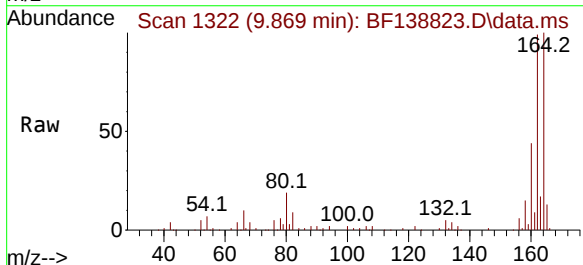
Instrument :
 BNA_F
 ClientSampleId :
 P001-CF05-02RE

Tgt Ion: 82 Resp: 331087
 Ion Ratio Lower Upper
 82 100
 128 41.0 32.8 49.2
 54 60.5 48.3 72.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.869 min Scan# 1322
 Delta R.T. -0.011 min
 Lab File: BF138823.D
 Acq: 06 Aug 2024 23:58

Tgt Ion:164 Resp: 89109
 Ion Ratio Lower Upper
 164 100
 162 99.4 79.4 119.0
 160 43.5 35.1 52.7

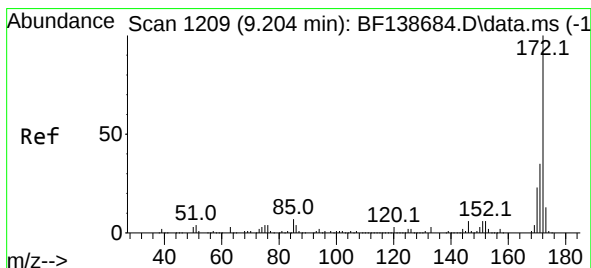
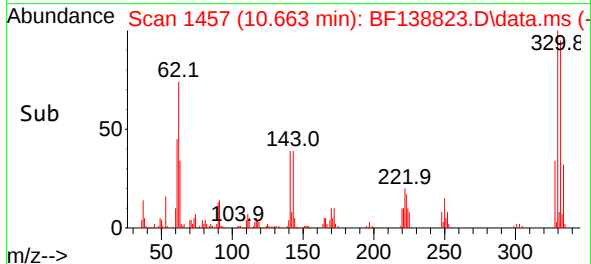
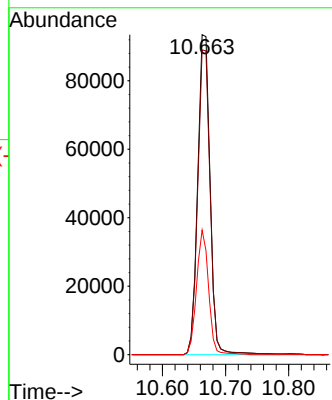
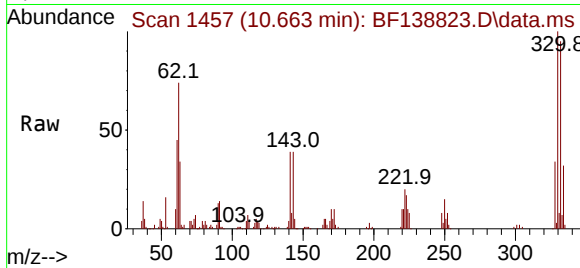




#42
2,4,6-Tribromophenol
Concen: 174.408 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

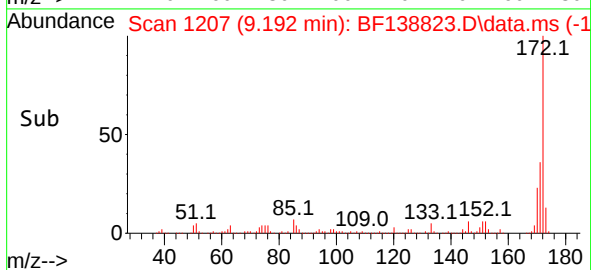
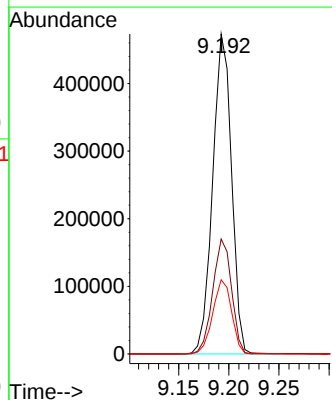
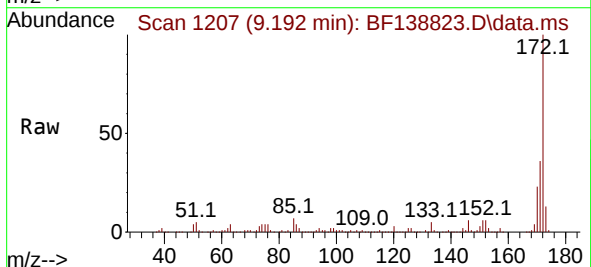
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02RE

Tgt Ion: 330 Resp: 127304
Ion Ratio Lower Upper
330 100
332 95.7 76.4 114.6
141 37.7 31.1 46.7



#45
2-Fluorobiphenyl
Concen: 104.394 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.012 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

Tgt Ion: 172 Resp: 619134
Ion Ratio Lower Upper
172 100
171 35.9 28.3 42.5
170 23.2 18.8 28.2

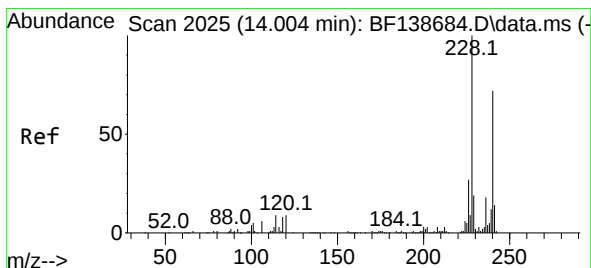
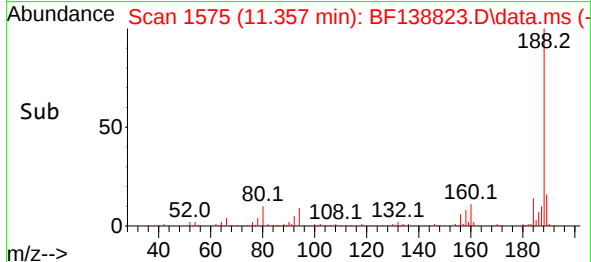
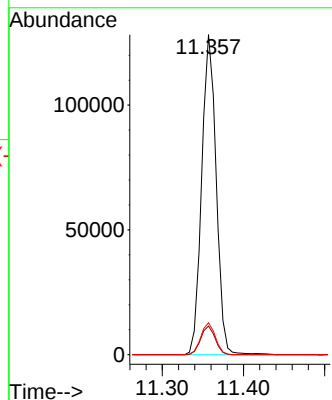
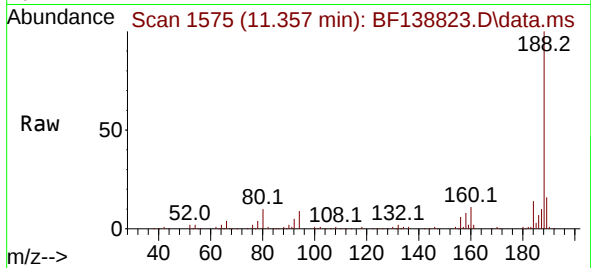




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

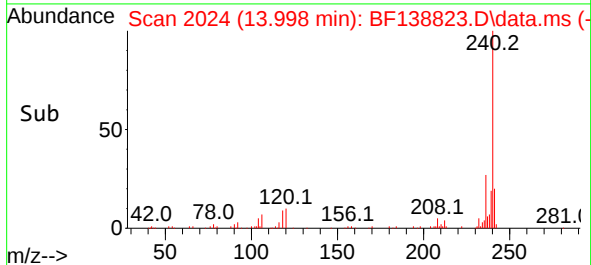
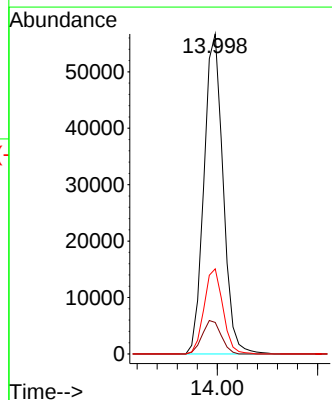
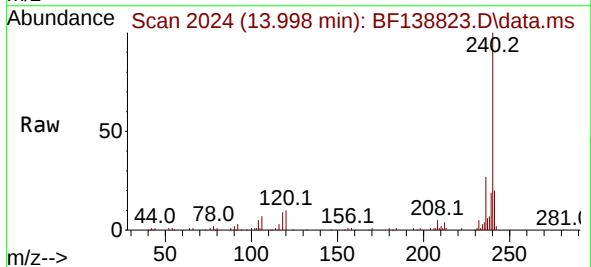
Instrument :
BNA_F
ClientSampleId :
P001-CF05-02RE

Tgt Ion:188 Resp: 158955
Ion Ratio Lower Upper
188 100
94 9.0 7.6 11.4
80 9.9 8.6 12.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF138823.D
Acq: 06 Aug 2024 23:58

Tgt Ion:240 Resp: 75013
Ion Ratio Lower Upper
240 100
120 9.9 10.2 15.4#
236 26.6 19.8 29.8

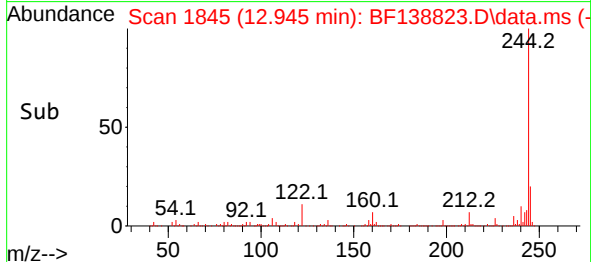
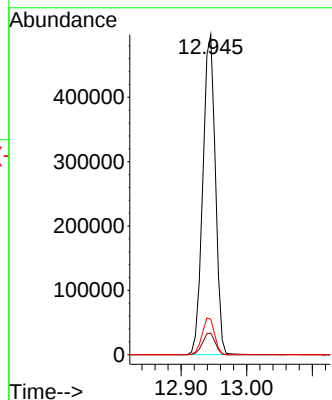
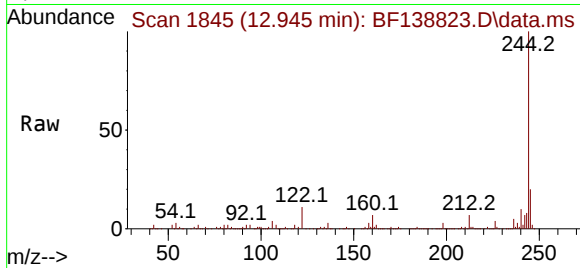




#79
 Terphenyl-d14
 Concen: 147.677 ng
 RT: 12.945 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF138823.D
 Acq: 06 Aug 2024 23:58

Instrument :
 BNA_F
 ClientSampleId :
 P001-CF05-02RE

Tgt Ion:244 Resp: 661644
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.2
 122 11.1 9.6 14.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2272
 Delta R.T. -0.012 min
 Lab File: BF138823.D
 Acq: 06 Aug 2024 23:58

Tgt Ion:264 Resp: 74776
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.0 28.6
 265 21.0 17.0 25.6

