

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081424\
 Data File : BF138992.D
 Acq On : 14 Aug 2024 14:08
 Operator : RC/JU
 Sample : P3474-10
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-B2-COMP

Quant Time: Aug 14 14:40:32 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	6.834	152	33042	20.000	ng	-0.01
21) Naphthalene-d8	8.116	136	135315	20.000	ng	-0.01
39) Acenaphthene-d10	9.869	164	72810	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	108422	20.000	ng	-0.01
76) Chrysene-d12	13.998	240	61880	20.000	ng	0.00
86) Perylene-d12	15.462	264	55831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	279492	130.573	ng	0.00
7) Phenol-d6	6.481	99	369133	128.445	ng	0.00
23) Nitrobenzene-d5	7.404	82	241968	87.427	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	71349	119.631	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	414063	85.445	ng	-0.02
79) Terphenyl-d14	12.933	244	273194	73.917	ng	-0.01

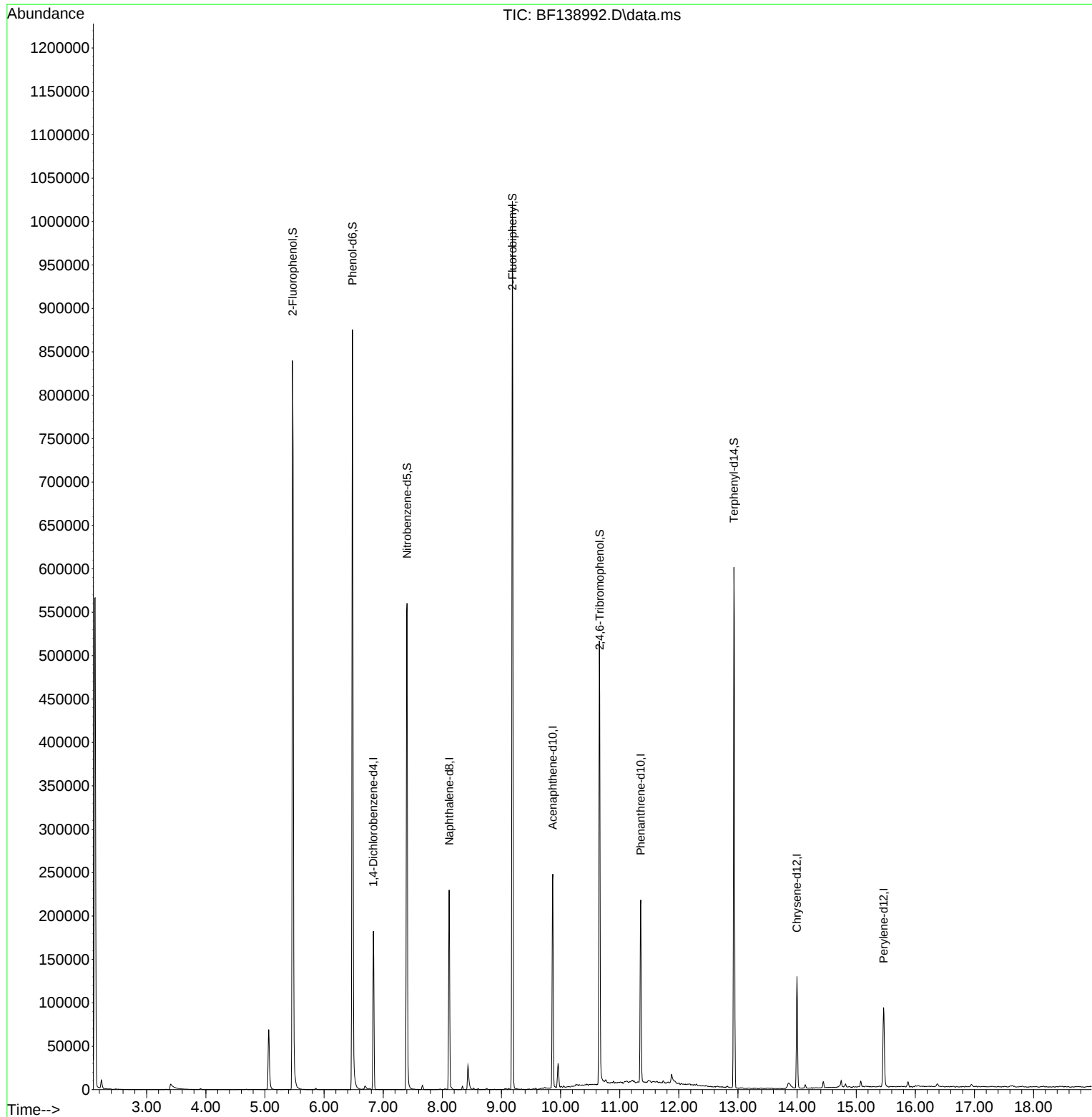
Target Compounds	Qvalue

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

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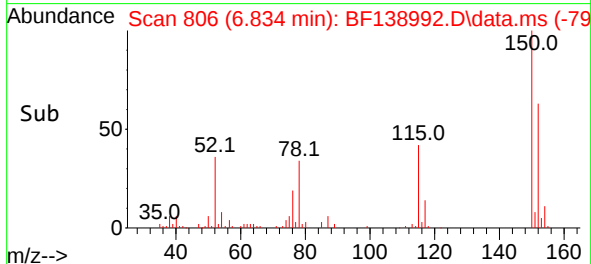
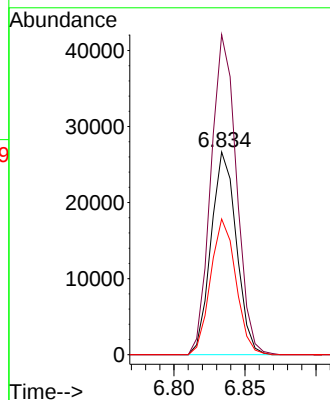
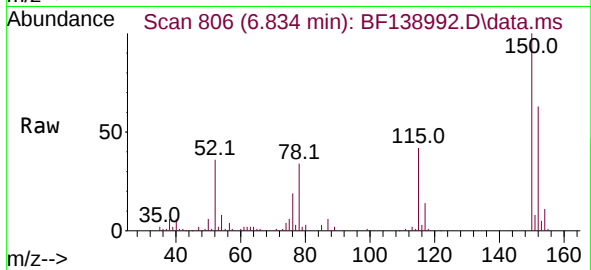




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 808
Delta R.T. -0.011 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

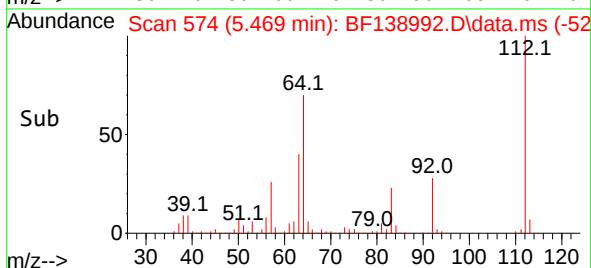
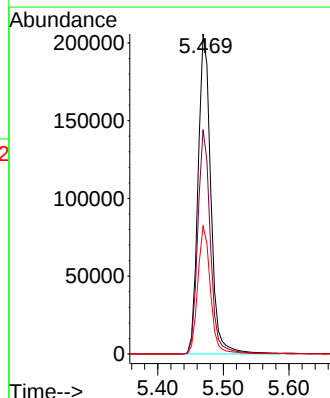
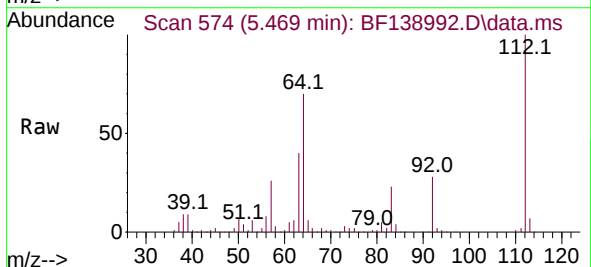
Instrument :
BNA_F
ClientSampleId :
WC-B2-COMP

Tgt Ion:152 Resp: 33042
Ion Ratio Lower Upper
152 100
150 157.9 126.0 189.0
115 67.0 51.7 77.5



#5
2-Fluorophenol
Concen: 130.573 ng
RT: 5.469 min Scan# 574
Delta R.T. -0.000 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

Tgt Ion:112 Resp: 279492
Ion Ratio Lower Upper
112 100
64 70.1 54.2 81.4
63 39.9 28.7 43.1

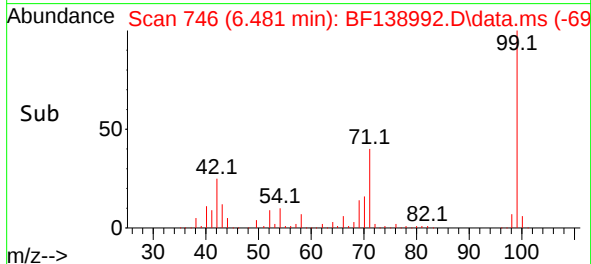
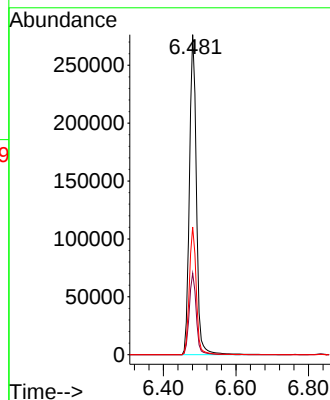
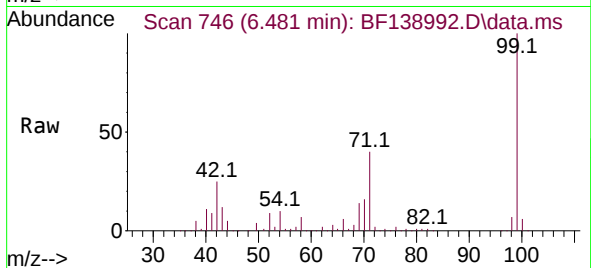




#7
Phenol-d6
Concen: 128.445 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

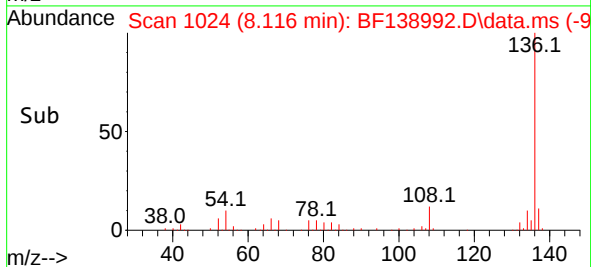
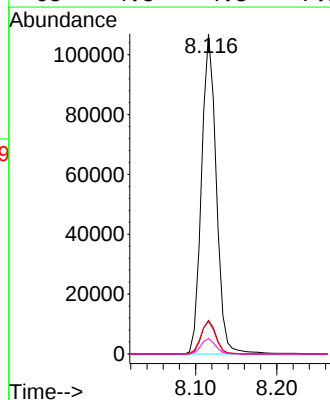
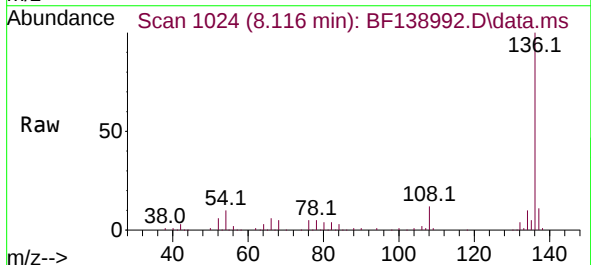
Instrument :
BNA_F
ClientSampleId :
WC-B2-COMP

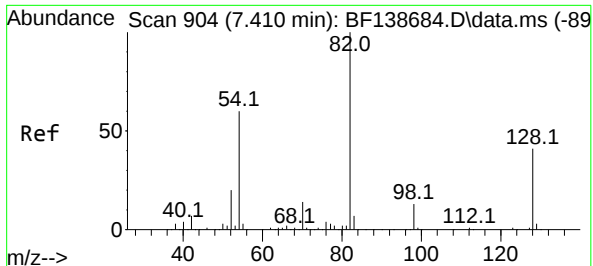
Tgt Ion: 99 Resp: 369133
Ion Ratio Lower Upper
99 100
42 25.4 17.4 26.0
71 39.9 28.1 42.1



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1024
Delta R.T. -0.012 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

Tgt Ion: 136 Resp: 135315
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.1 8.6 12.8
68 4.8 4.8 7.2





#23

Nitrobenzene-d5

Concen: 87.427 ng

RT: 7.404 min Scan# 904

Delta R.T. -0.006 min

Lab File: BF138992.D

Acq: 14 Aug 2024 14:08

Instrument :

BNA_F

ClientSampleId :

WC-B2-COMP

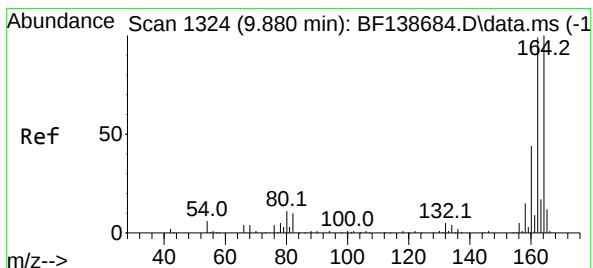
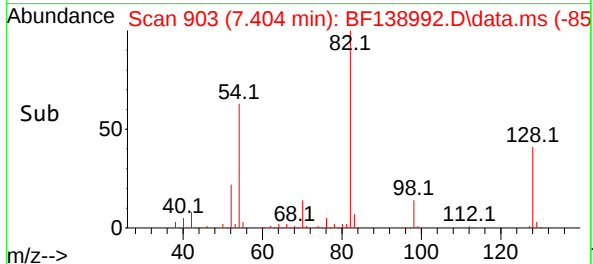
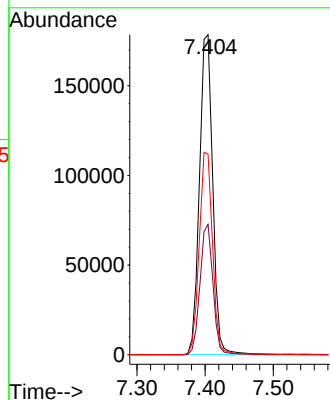
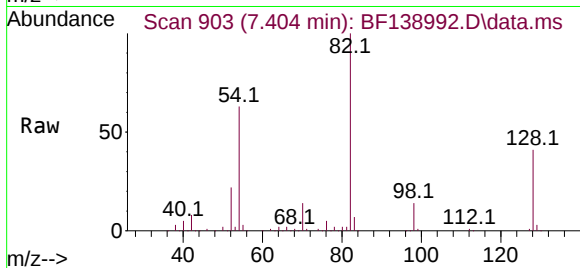
Tgt Ion: 82 Resp: 241968

Ion Ratio Lower Upper

82 100

128 40.7 32.8 49.2

54 62.7 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: BF138992.D

Acq: 14 Aug 2024 14:08

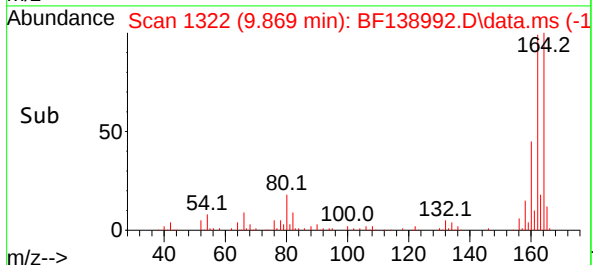
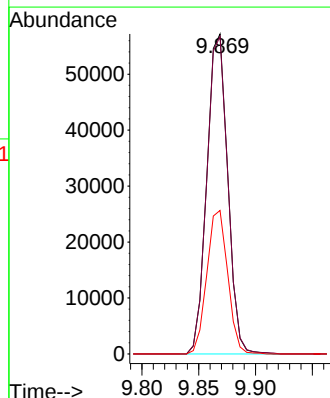
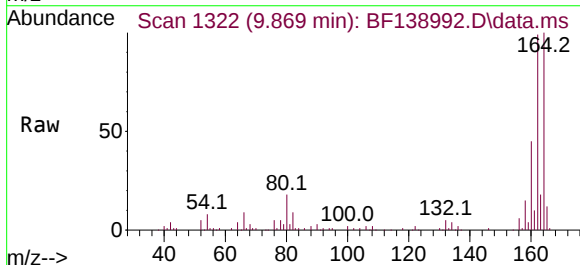
Tgt Ion:164 Resp: 72810

Ion Ratio Lower Upper

164 100

162 99.2 79.4 119.0

160 44.9 35.1 52.7





#42

2,4,6-Tribromophenol

Concen: 119.631 ng

RT: 10.663 min Scan# 1458

Delta R.T. -0.006 min

Lab File: BF138992.D

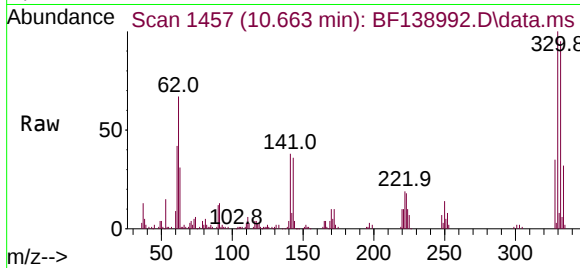
Acq: 14 Aug 2024 14:08

Instrument :

BNA_F

ClientSampleId :

WC-B2-COMP



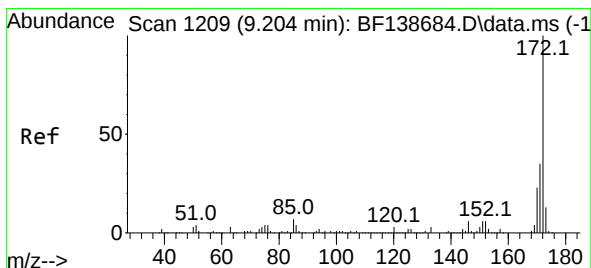
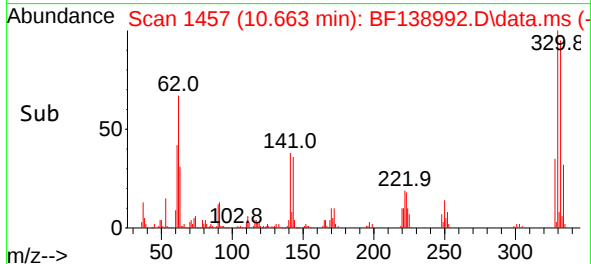
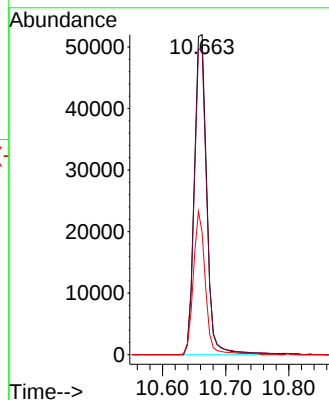
Tgt Ion:330 Resp: 71349

Ion Ratio Lower Upper

330 100

332 96.1 76.4 114.6

141 43.1 31.1 46.7



#45

2-Fluorobiphenyl

Concen: 85.445 ng

RT: 9.186 min Scan# 1206

Delta R.T. -0.018 min

Lab File: BF138992.D

Acq: 14 Aug 2024 14:08

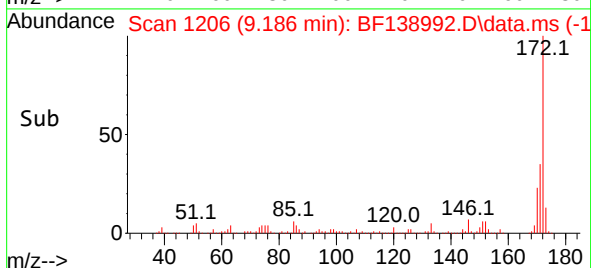
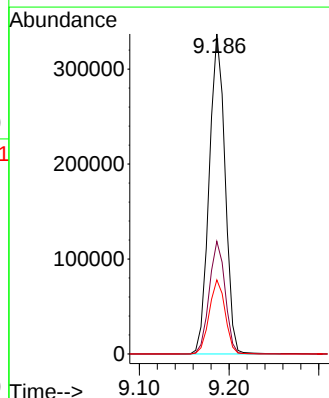
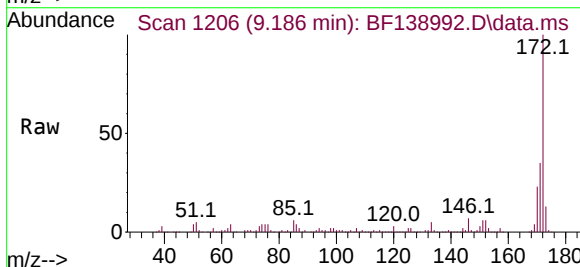
Tgt Ion:172 Resp: 414063

Ion Ratio Lower Upper

172 100

171 35.2 28.3 42.5

170 23.1 18.8 28.2

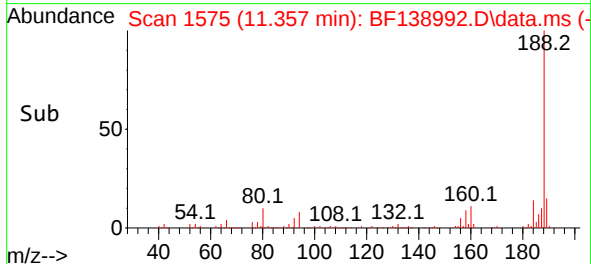
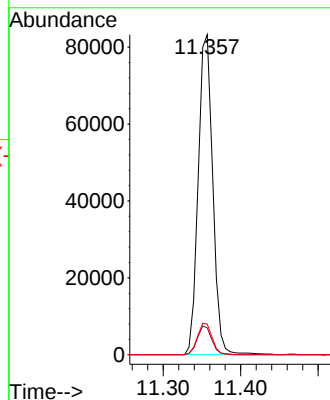
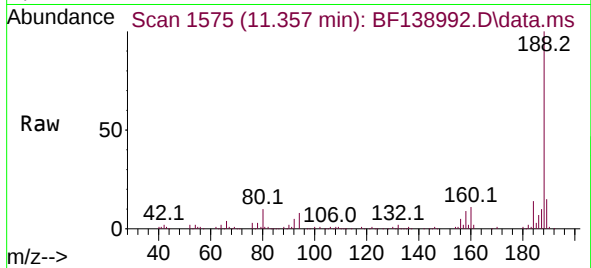




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

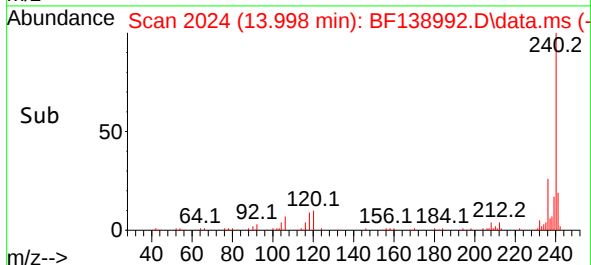
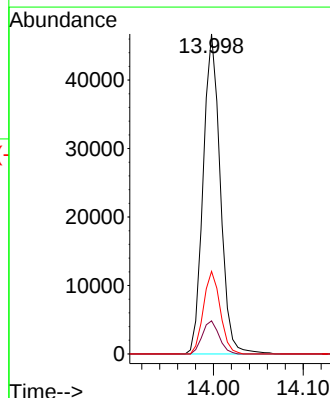
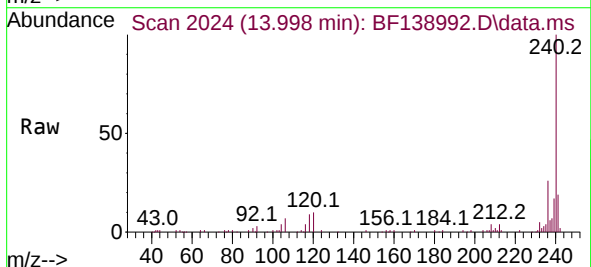
Instrument :
BNA_F
ClientSampleId :
WC-B2-COMP

Tgt Ion:188 Resp: 108422
Ion Ratio Lower Upper
188 100
94 8.4 7.6 11.4
80 9.5 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: BF138992.D
Acq: 14 Aug 2024 14:08

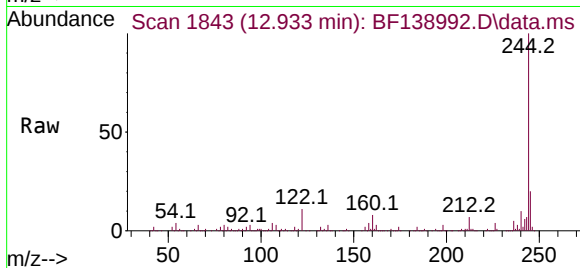
Tgt Ion:240 Resp: 61880
Ion Ratio Lower Upper
240 100
120 10.4 10.2 15.4
236 25.8 19.8 29.8



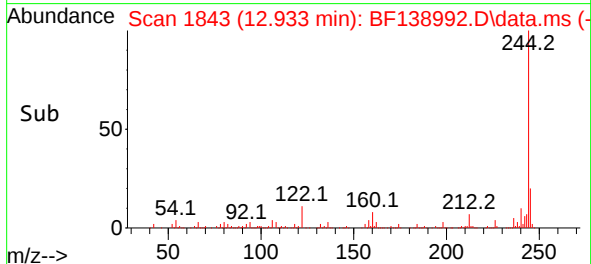
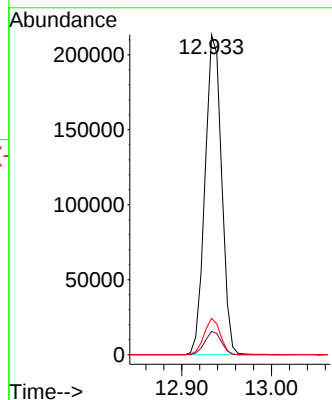


#79
Terphenyl-d14
Concen: 73.917 ng
RT: 12.933 min Scan# 1843
Delta R.T. -0.012 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

Instrument :
BNA_F
ClientSampleId :
WC-B2-COMP



Tgt Ion:244 Resp: 273194
Ion Ratio Lower Upper
244 100
212 7.2 5.4 8.2
122 11.3 9.6 14.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138992.D
Acq: 14 Aug 2024 14:08

Tgt Ion:264 Resp: 55831
Ion Ratio Lower Upper
264 100
260 24.6 19.0 28.6
265 20.5 17.0 25.6

