

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134156.D
 Acq On : 08 Jul 2023 19:24
 Operator : CG\JU
 Sample : 03521-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAWTHORNE-COMP

Quant Time: Jul 09 00:39:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	135635	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	545632	20.000	ng	-0.01
39) Acenaphthene-d10	9.880	164	272345	20.000	ng	-0.01
64) Phenanthrene-d10	11.374	188	530524	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	314451	20.000	ng	-0.01
86) Perylene-d12	15.539	264	263333	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	606865	74.844	ng	0.00
7) Phenol-d6	6.481	99	751913	75.404	ng	-0.01
23) Nitrobenzene-d5	7.410	82	524400	51.808	ng	-0.01
42) 2,4,6-Tribromophenol	10.680	330	272697	79.861	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1029343	54.951	ng	0.00
79) Terphenyl-d14	12.974	244	1146887	58.700	ng	-0.01

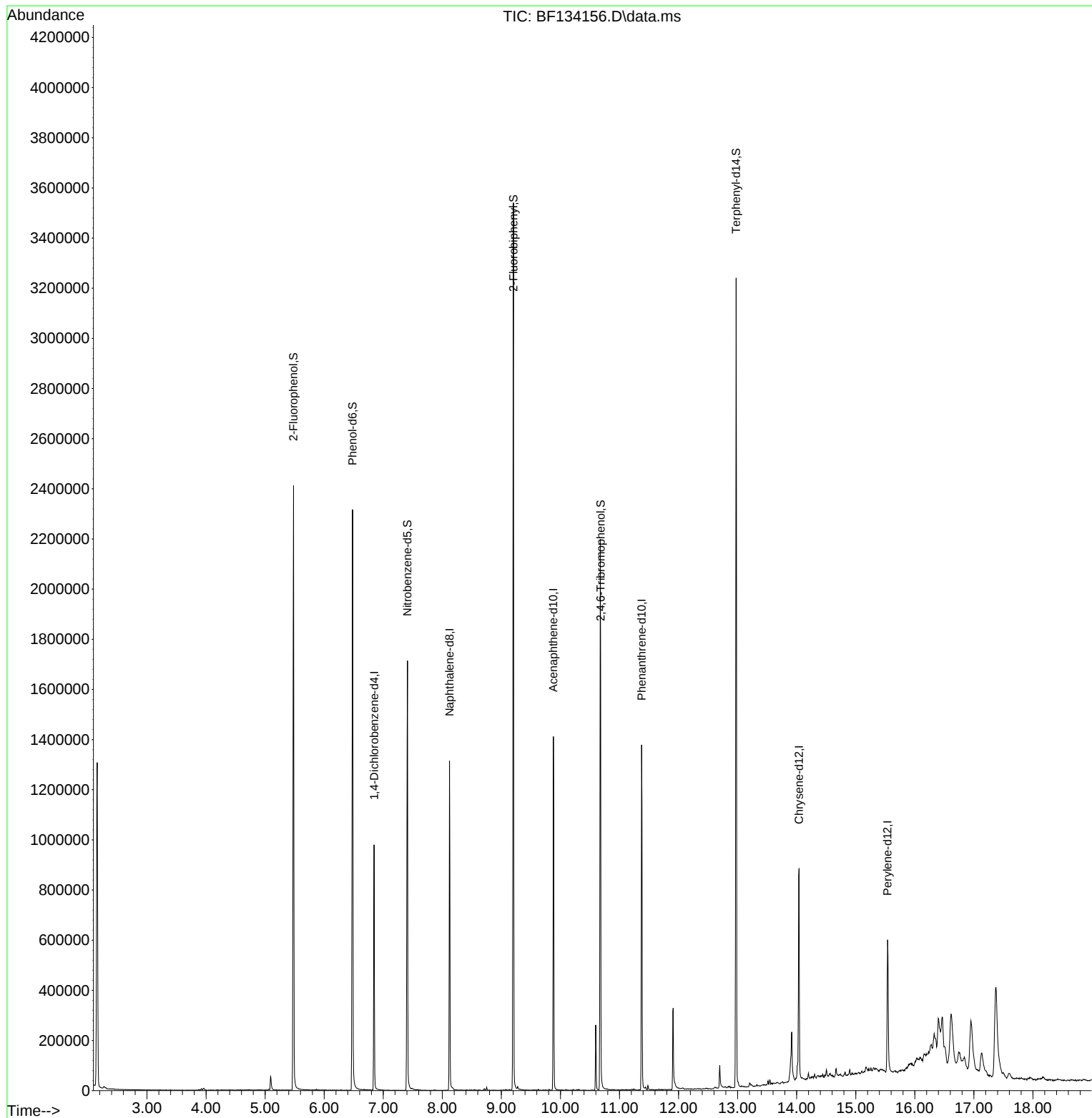
Target Compounds	Qvalue

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

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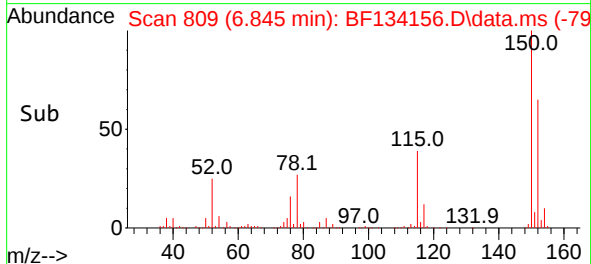
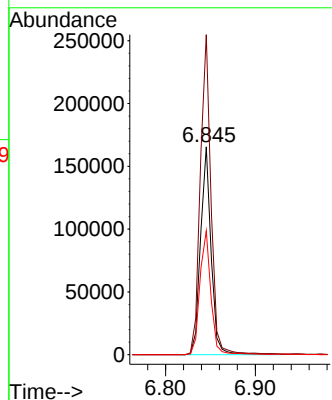
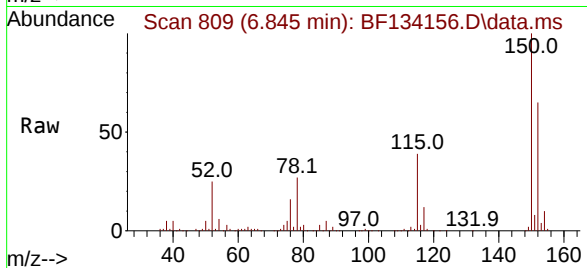




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 810
Delta R.T. -0.006 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

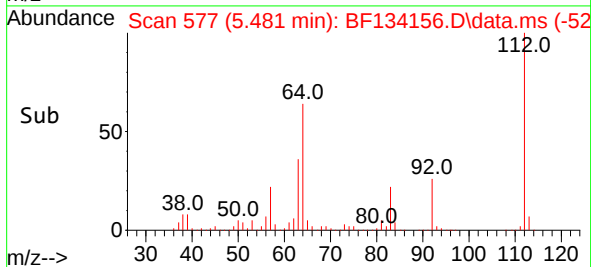
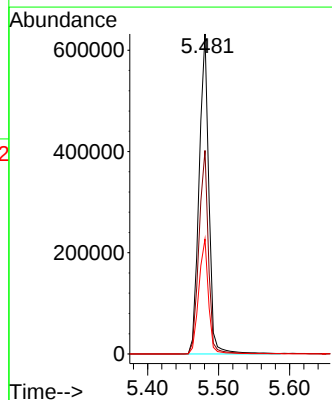
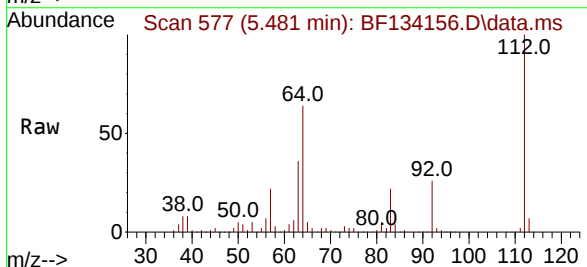
Instrument :
BNA_F
ClientSampleId :
HAWTHORNE-COMP

Tgt Ion:152 Resp: 135635
Ion Ratio Lower Upper
152 100
150 154.0 124.5 186.7
115 59.6 50.2 75.2



#5
2-Fluorophenol
Concen: 74.844 ng
RT: 5.481 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

Tgt Ion:112 Resp: 606865
Ion Ratio Lower Upper
112 100
64 63.6 52.1 78.1
63 35.9 28.6 42.8

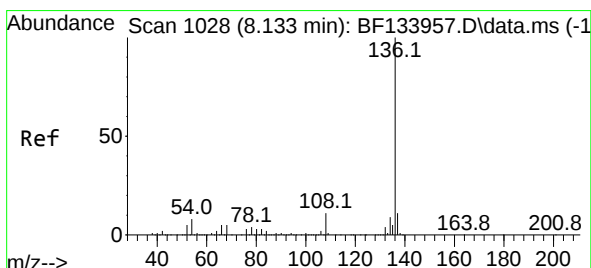
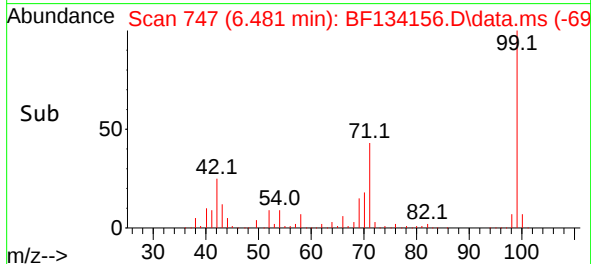
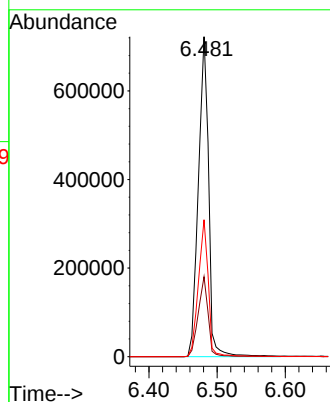
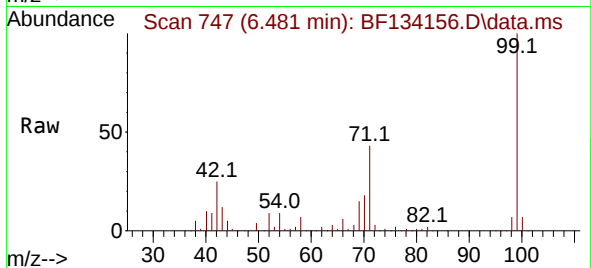




#7
Phenol-d6
Concen: 75.404 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

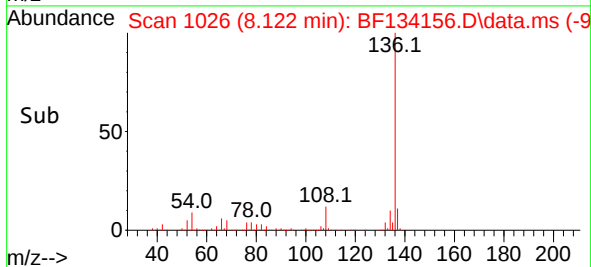
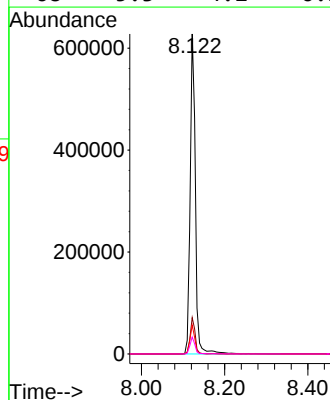
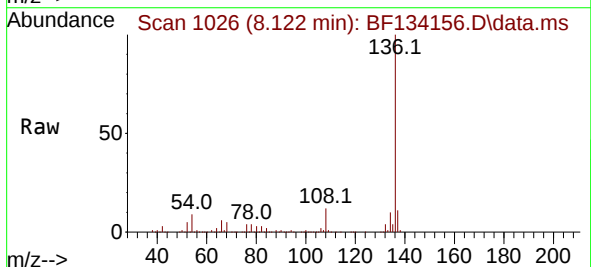
Instrument :
BNA_F
ClientSampleId :
HAWTHORNE-COMP

Tgt Ion: 99 Resp: 751913
Ion Ratio Lower Upper
99 100
42 25.0 19.8 29.6
71 42.8 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.012 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

Tgt Ion:136 Resp: 545632
Ion Ratio Lower Upper
136 100
137 11.3 8.6 12.8
54 9.0 6.5 9.7
68 5.3 4.2 6.2

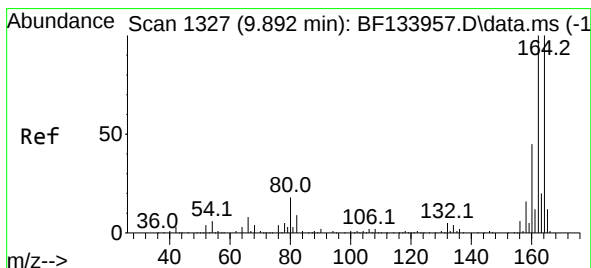
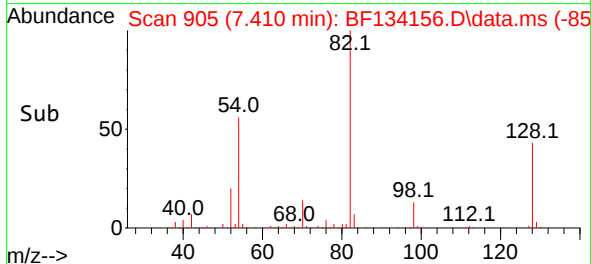
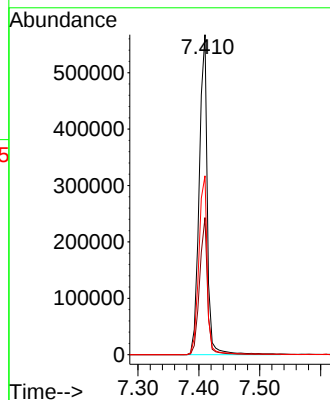
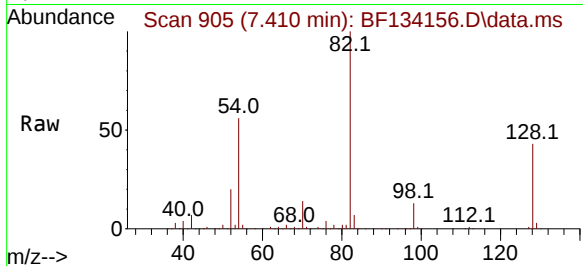




#23
 Nitrobenzene-d5
 Concen: 51.808 ng
 RT: 7.410 min Scan# 906
 Delta R.T. -0.012 min
 Lab File: BF134156.D
 Acq: 08 Jul 2023 19:24

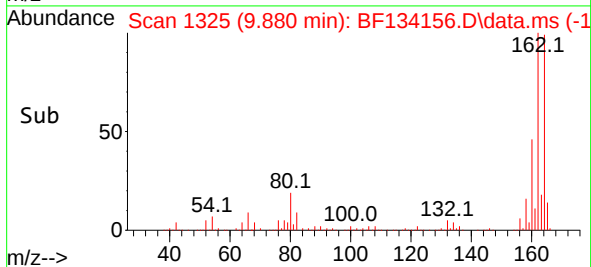
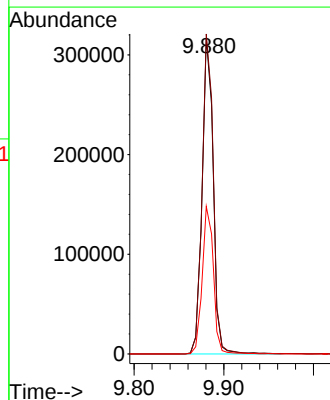
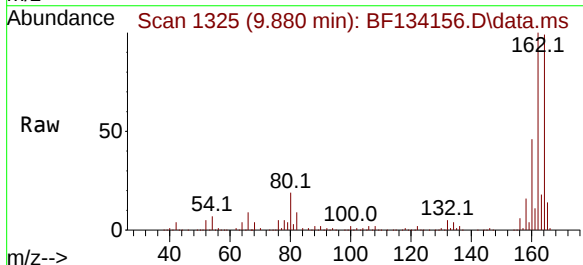
Instrument :
 BNA_F
 ClientSampleId :
 HAWTHORNE-COMP

Tgt Ion: 82 Resp: 524400
 Ion Ratio Lower Upper
 82 100
 128 42.8 32.5 48.7
 54 55.9 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.880 min Scan# 1325
 Delta R.T. -0.012 min
 Lab File: BF134156.D
 Acq: 08 Jul 2023 19:24

Tgt Ion:164 Resp: 272345
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.0 120.0
 160 46.7 35.9 53.9

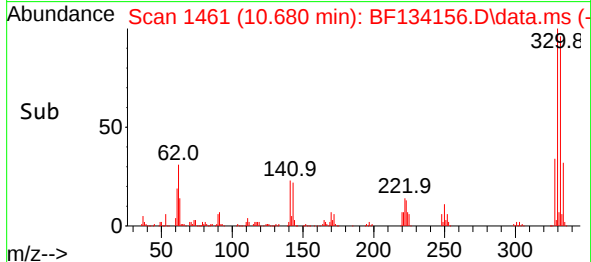
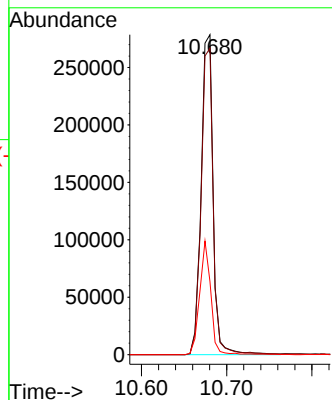
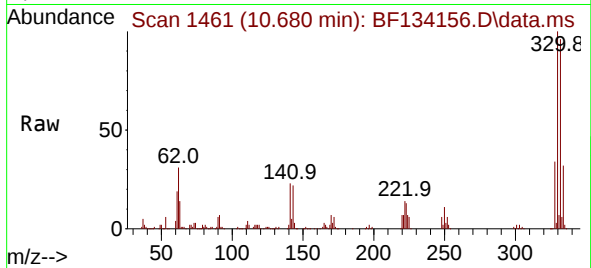




#42
2,4,6-Tribromophenol
Concen: 79.861 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.006 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

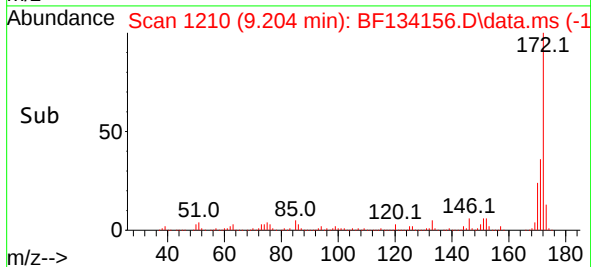
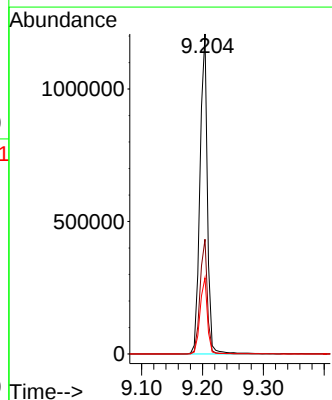
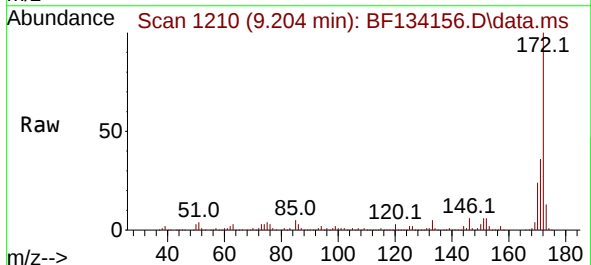
Instrument :
BNA_F
ClientSampleId :
HAWTHORNE-COMP

Tgt Ion:330 Resp: 272697
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 33.1 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 54.951 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134156.D
Acq: 08 Jul 2023 19:24

Tgt Ion:172 Resp: 1029343
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.8 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF134156.D

Acq: 08 Jul 2023 19:24

Instrument :

BNA_F

ClientSampleId :

HAWTHORNE-COMP

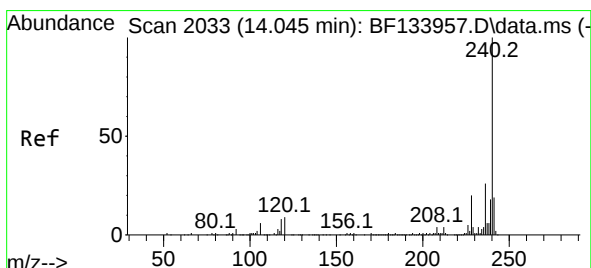
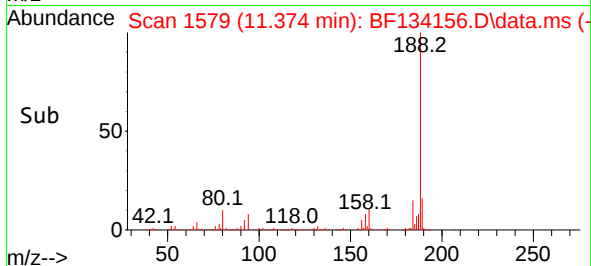
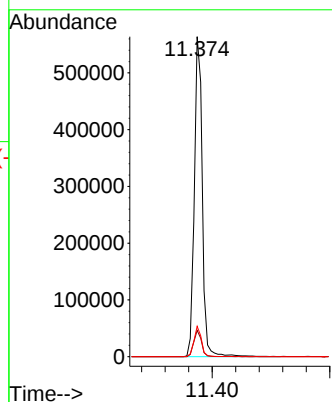
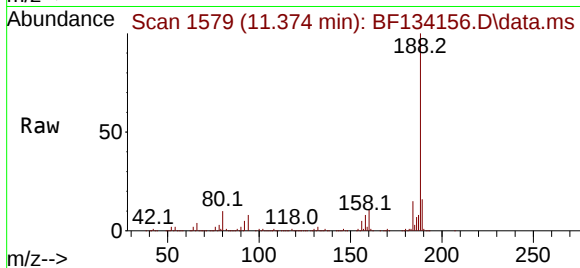
Tgt Ion:188 Resp: 530524

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 9.5 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. -0.012 min

Lab File: BF134156.D

Acq: 08 Jul 2023 19:24

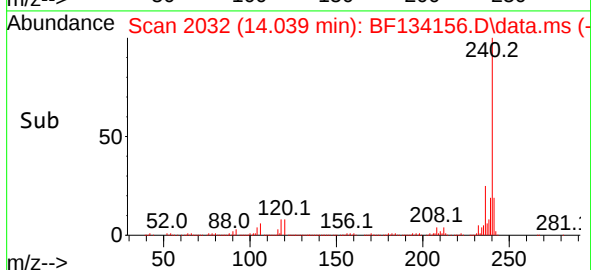
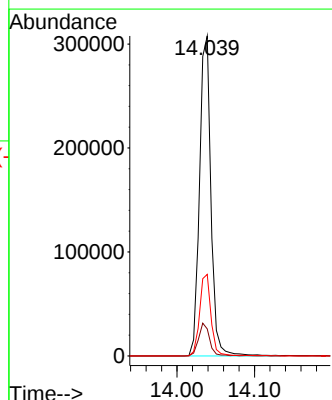
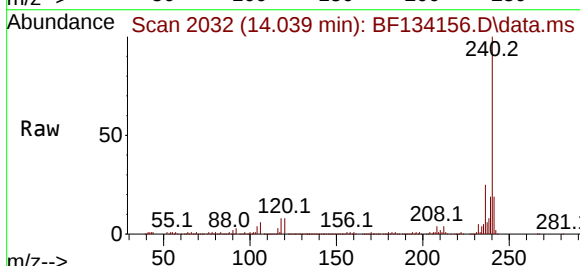
Tgt Ion:240 Resp: 314451

Ion Ratio Lower Upper

240 100

120 8.4 7.4 11.0

236 25.5 21.0 31.6

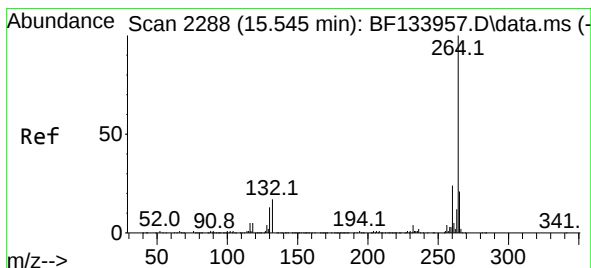
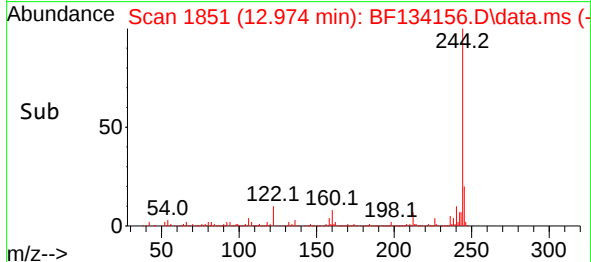
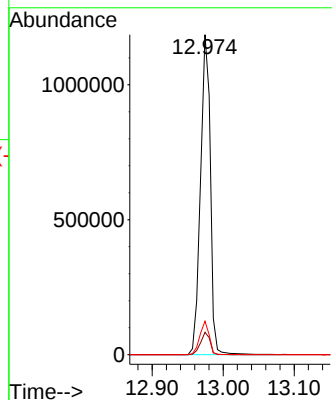
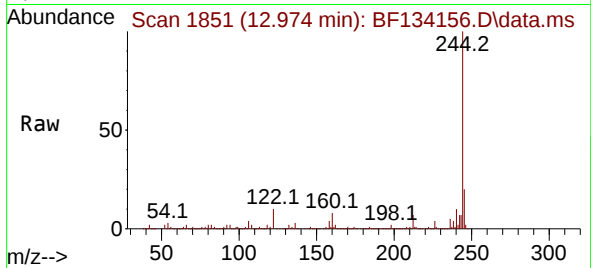




#79
 Terphenyl-d14
 Concen: 58.700 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF134156.D
 Acq: 08 Jul 2023 19:24

Instrument :
 BNA_F
 ClientSampleId :
 HAWTHORNE-COMP

Tgt Ion:244 Resp: 1146887
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.4 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF134156.D
 Acq: 08 Jul 2023 19:24

Tgt Ion:264 Resp: 263333
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.5 29.3
 265 21.2 16.6 25.0

