

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134218.D
 Acq On : 11 Jul 2023 17:58
 Operator : CG\JU
 Sample : PB154060BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB154060BL

Quant Time: Jul 12 01:28:28 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 11 13:06:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	98462	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	389250	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	196082	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	376932	20.000	ng	0.00
76) Chrysene-d12	14.033	240	201839	20.000	ng	0.00
86) Perylene-d12	15.539	264	199655	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	767965	130.469	ng	0.02
7) Phenol-d6	6.486	99	919276	126.992	ng	0.00
23) Nitrobenzene-d5	7.410	82	631565	87.462	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	303013	123.252	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1182208	87.657	ng	0.00
79) Terphenyl-d14	12.974	244	1253196	99.927	ng	0.00

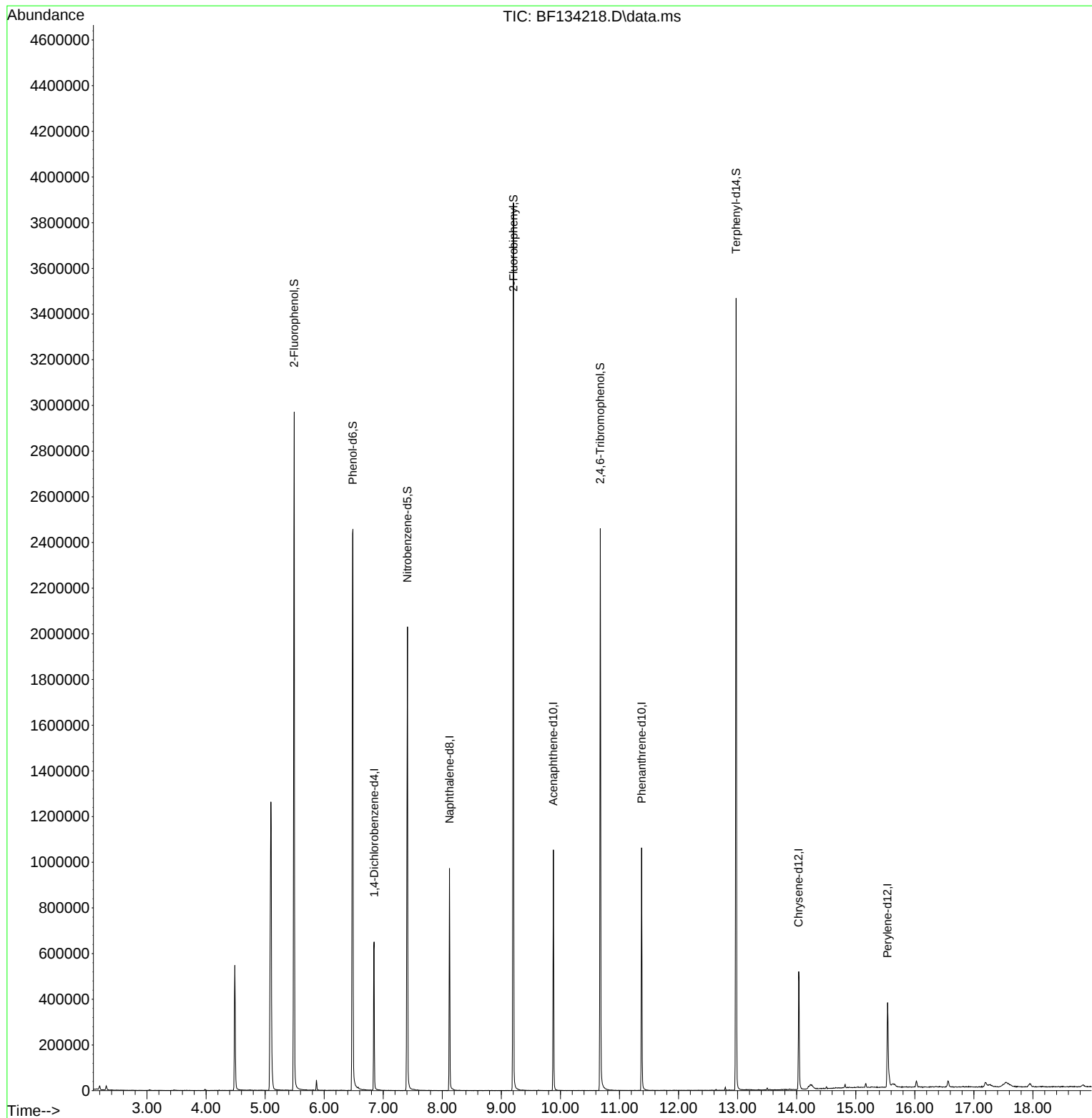
Target Compounds	Qvalue

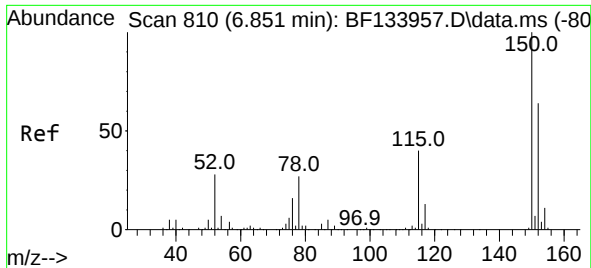
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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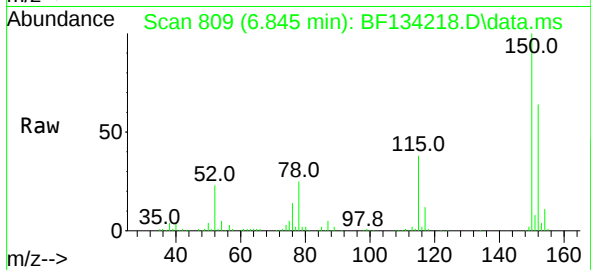
Quant Time: Jul 12 01:28:28 2023
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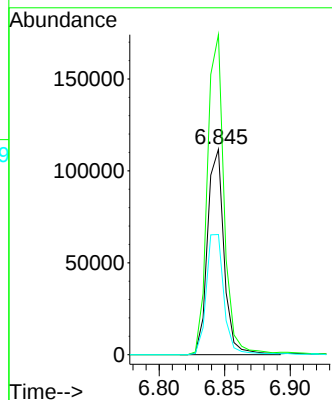
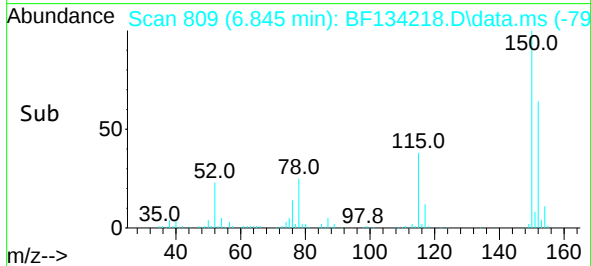


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

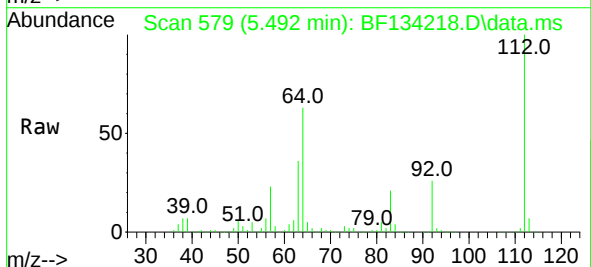
Instrument :
BNA_F
ClientSampleId :
PB154060BL



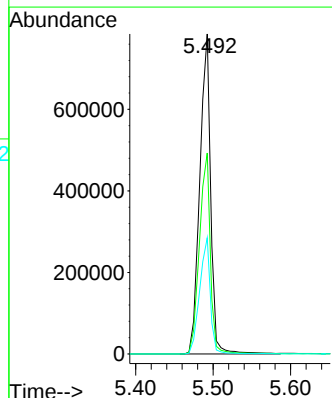
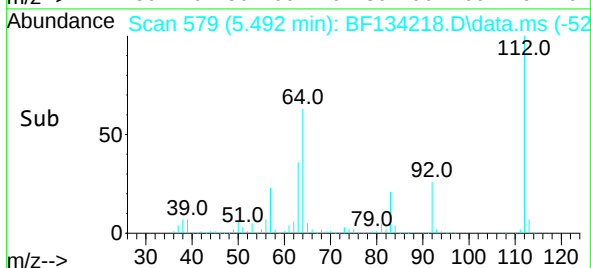
Tgt Ion:152 Resp: 98462
Ion Ratio Lower Upper
152 100
150 155.7 124.5 186.7
115 58.5 50.2 75.2



#5
2-Fluorophenol
Concen: 130.469 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58



Tgt Ion:112 Resp: 767965
Ion Ratio Lower Upper
112 100
64 62.8 52.1 78.1
63 36.3 28.6 42.8

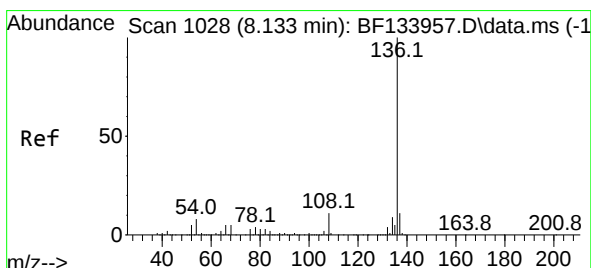
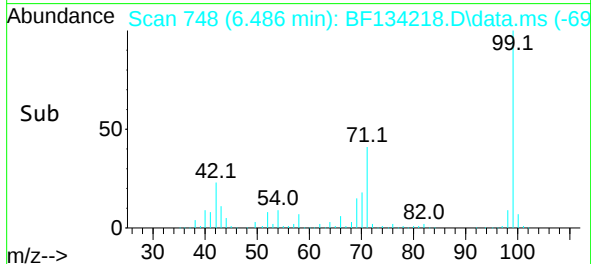
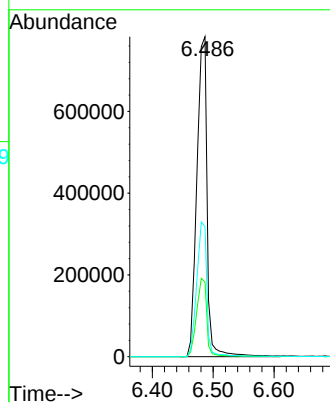
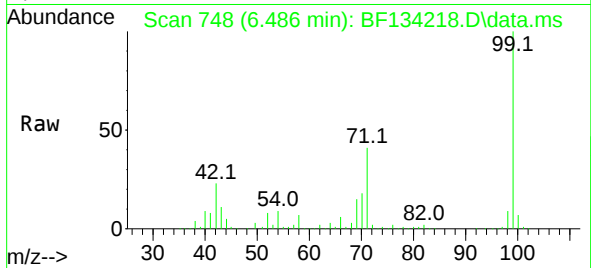




#7
Phenol-d6
Concen: 126.992 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

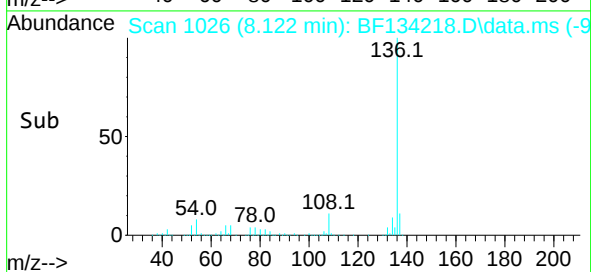
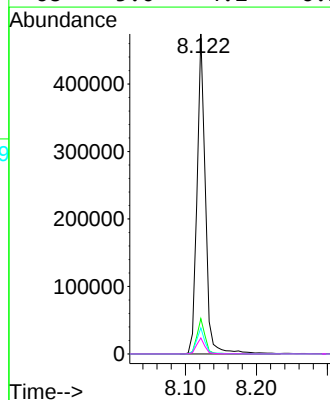
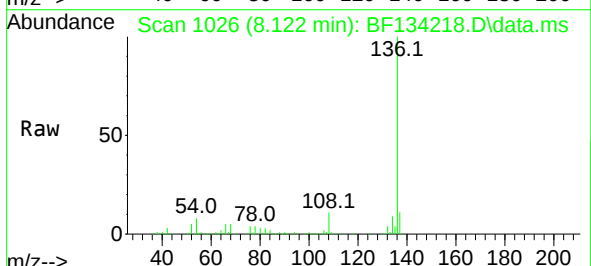
Instrument :
BNA_F
ClientSampleId :
PB154060BL

Tgt Ion: 99 Resp: 919276
Ion Ratio Lower Upper
99 100
42 23.3 19.8 29.6
71 40.7 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

Tgt Ion:136 Resp: 389250
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.2 6.5 9.7
68 5.0 4.2 6.2





#23

Nitrobenzene-d5

Concen: 87.462 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF134218.D

Acq: 11 Jul 2023 17:58

Instrument :

BNA_F

ClientSampleId :

PB154060BL

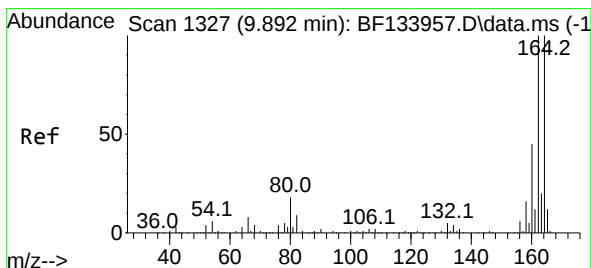
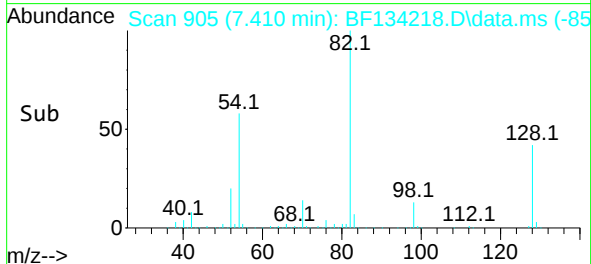
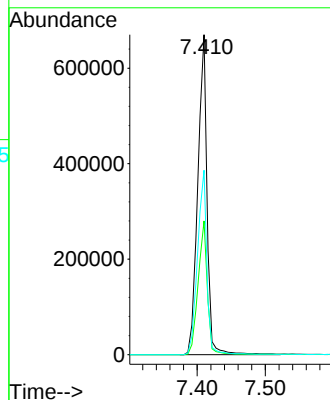
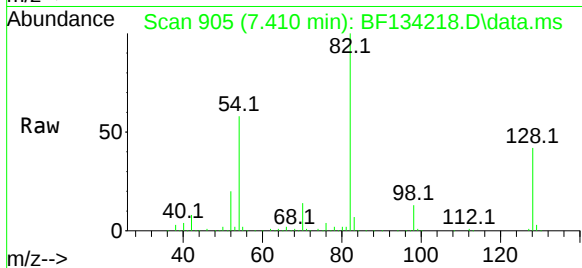
Tgt Ion: 82 Resp: 631565

Ion Ratio Lower Upper

82 100

128 41.8 32.5 48.7

54 57.7 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.880 min Scan# 1325

Delta R.T. -0.006 min

Lab File: BF134218.D

Acq: 11 Jul 2023 17:58

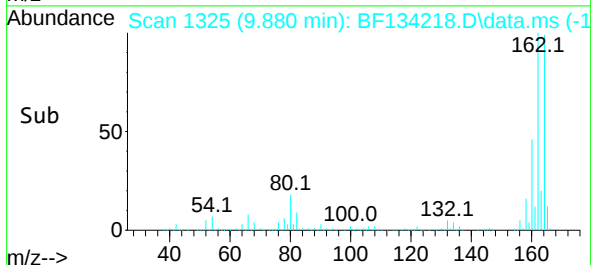
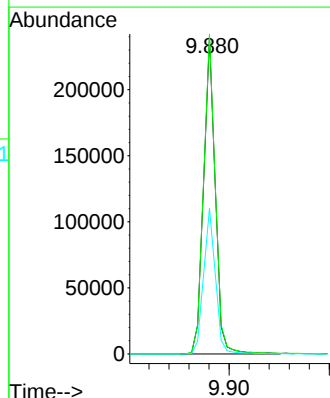
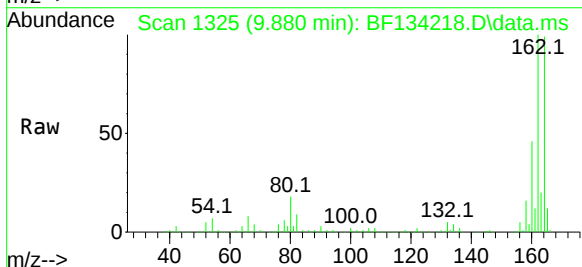
Tgt Ion:164 Resp: 196082

Ion Ratio Lower Upper

164 100

162 100.9 80.0 120.0

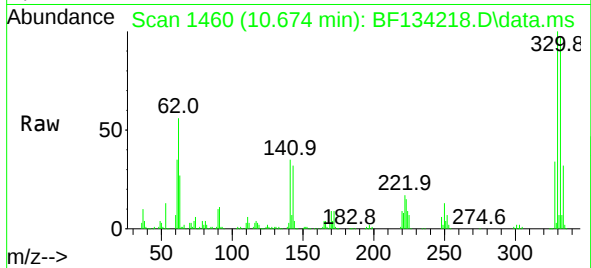
160 45.9 35.9 53.9



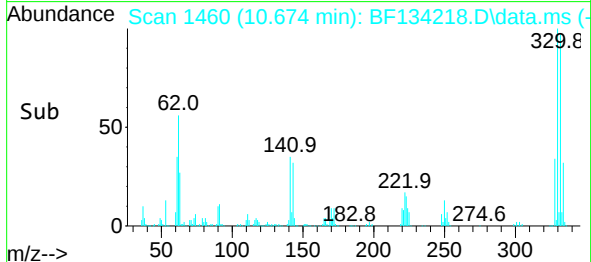
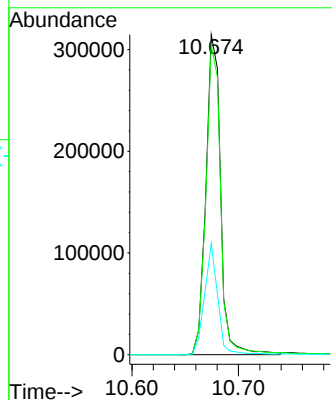


#42
2,4,6-Tribromophenol
Concen: 123.252 ng
RT: 10.674 min Scan# 1460
Delta R.T. -0.006 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

Instrument :
BNA_F
ClientSampleId :
PB154060BL

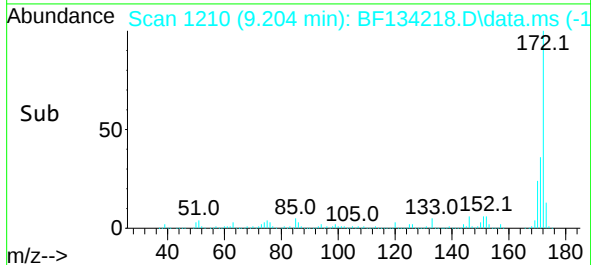
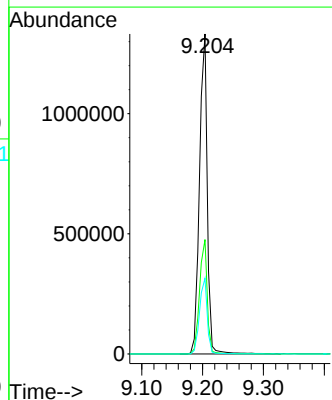
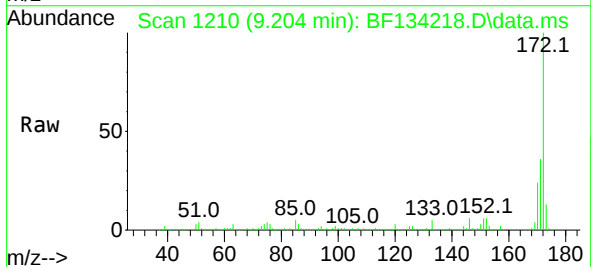


Tgt Ion:330 Resp: 303013
Ion Ratio Lower Upper
330 100
332 98.5 77.0 115.6
141 32.2 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 87.657 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF134218.D
Acq: 11 Jul 2023 17:58

Tgt Ion:172 Resp: 1182208
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.6 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134218.D

Acq: 11 Jul 2023 17:58

Instrument :

BNA_F

ClientSampleId :

PB154060BL

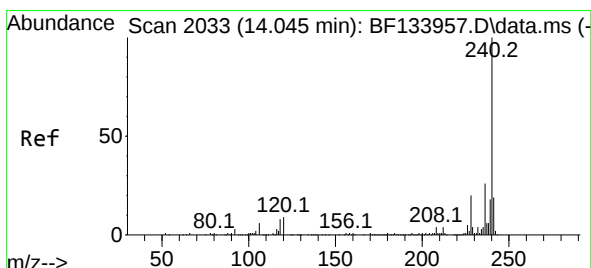
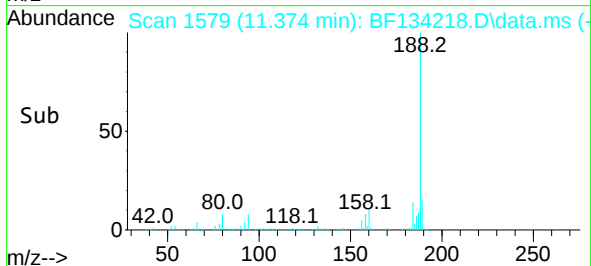
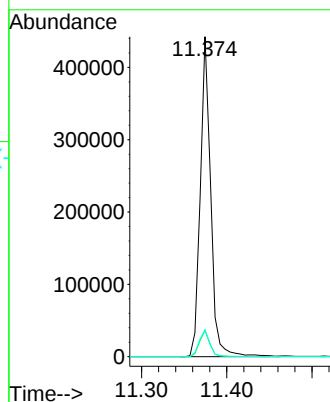
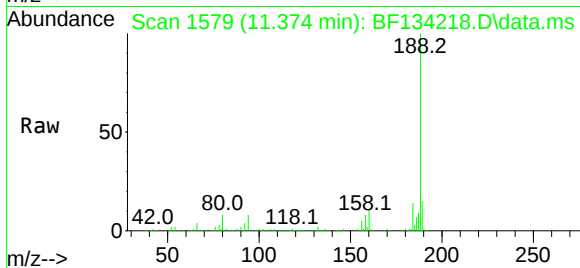
Tgt Ion:188 Resp: 376932

Ion Ratio Lower Upper

188 100

94 8.2 6.4 9.6

80 8.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF134218.D

Acq: 11 Jul 2023 17:58

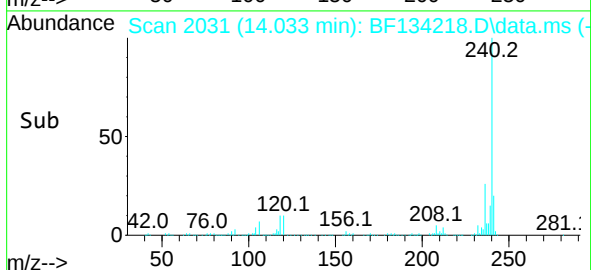
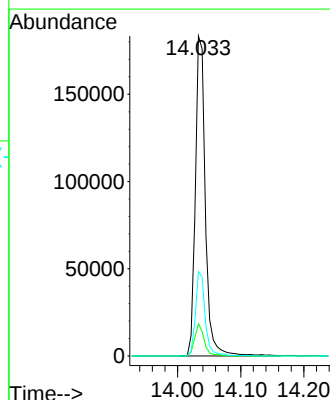
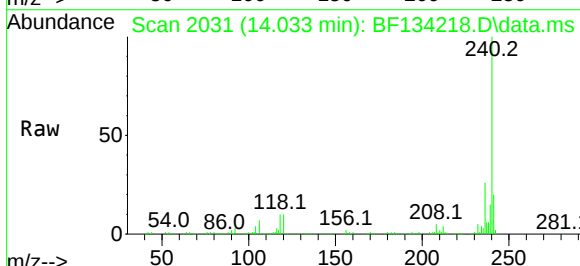
Tgt Ion:240 Resp: 201839

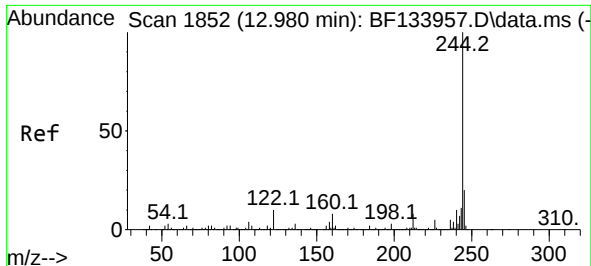
Ion Ratio Lower Upper

240 100

120 10.0 7.4 11.0

236 26.4 21.0 31.6

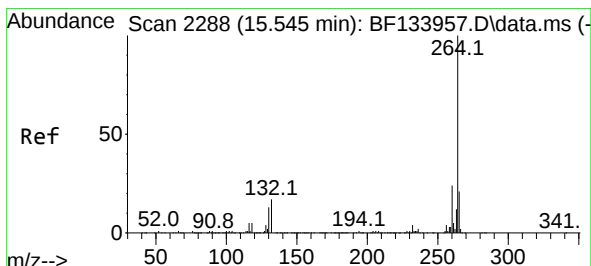
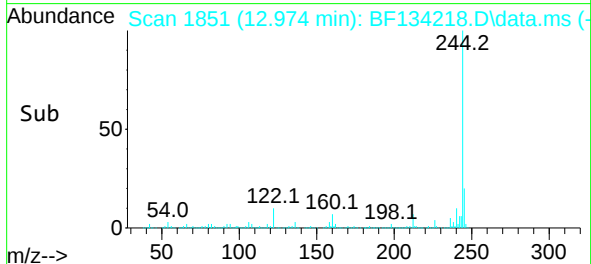
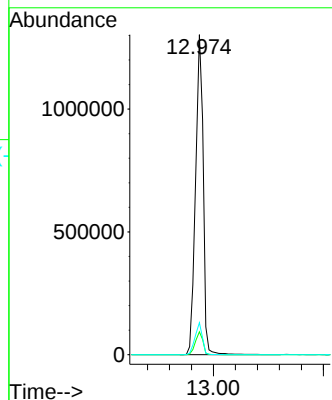
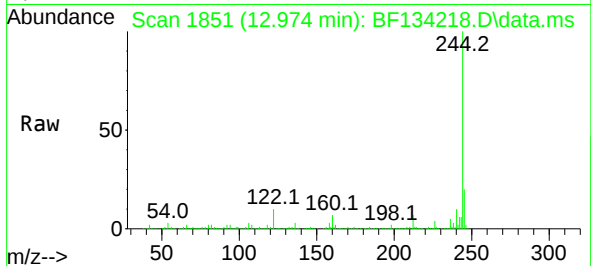




#79
 Terphenyl-d14
 Concen: 99.927 ng
 RT: 12.974 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF134218.D
 Acq: 11 Jul 2023 17:58

Instrument :
 BNA_F
 ClientSampleId :
 PB154060BL

Tgt Ion:244 Resp: 1253196
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 10.0 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2287
 Delta R.T. -0.006 min
 Lab File: BF134218.D
 Acq: 11 Jul 2023 17:58

Tgt Ion:264 Resp: 199655
 Ion Ratio Lower Upper
 264 100
 260 22.5 19.5 29.3
 265 20.7 16.6 25.0

