

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134212.D
 Acq On : 11 Jul 2023 14:00
 Operator : CG\JU
 Sample : PB153702TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153702TB

Quant Time: Jul 12 01:04:20 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	6.846	152	108029	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	419925	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	204769	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	400667	20.000	ng	0.00
76) Chrysene-d12	14.039	240	223629	20.000	ng	0.00
86) Perylene-d12	15.539	264	240624	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	909823	140.881	ng	0.01
7) Phenol-d6	6.481	99	1065345	134.138	ng	0.00
23) Nitrobenzene-d5	7.410	82	744558	95.578	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	310097	120.783	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1207940	85.766	ng	0.00
79) Terphenyl-d14	12.975	244	1314129	94.576	ng	0.00

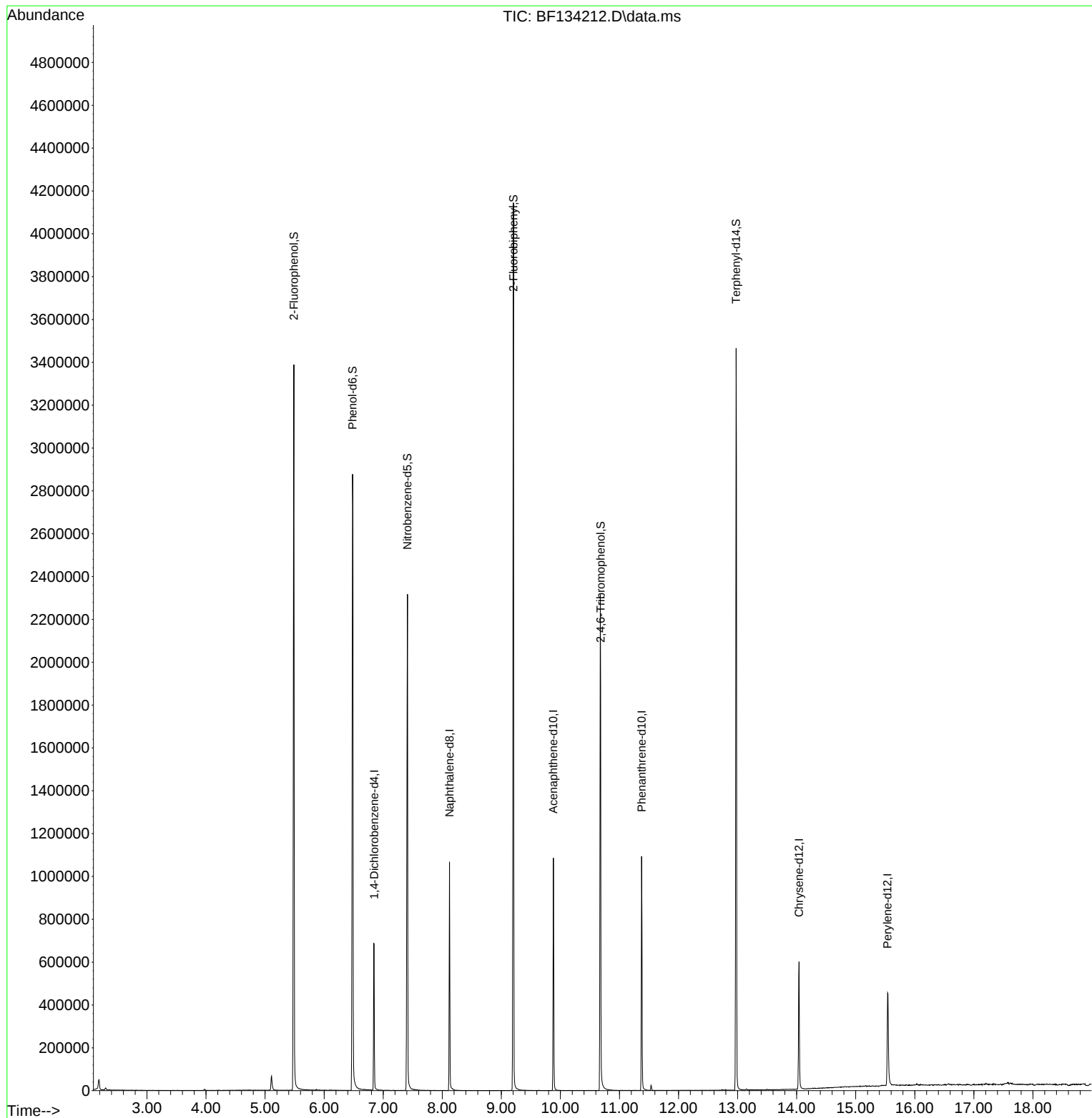
Target Compounds	Qvalue

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

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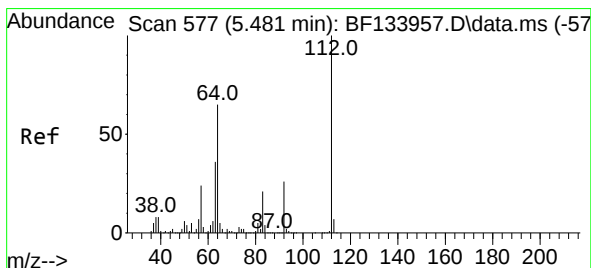
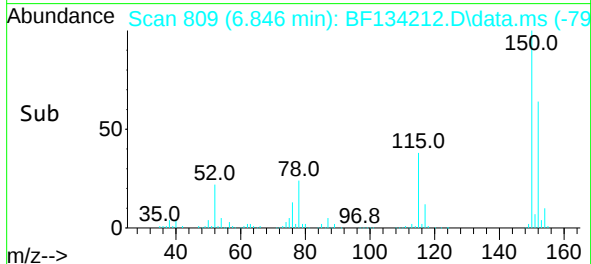
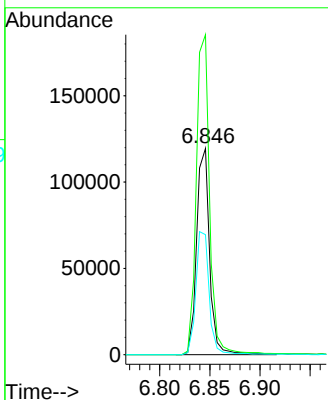
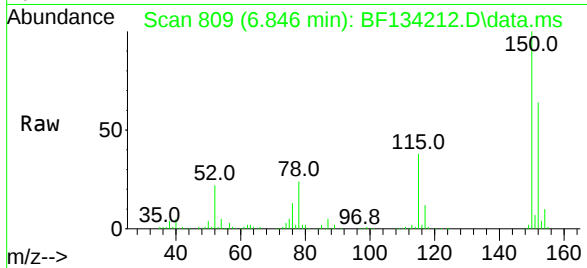




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.846 min Scan# 809
Delta R.T. 0.001 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

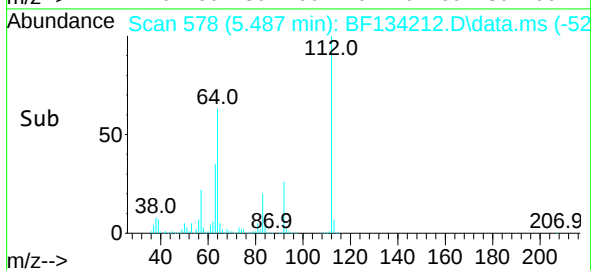
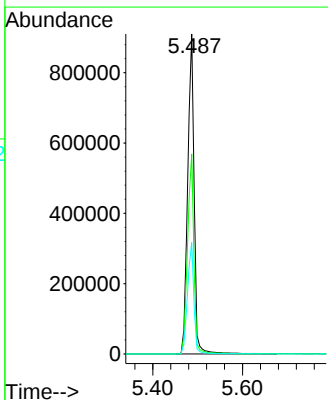
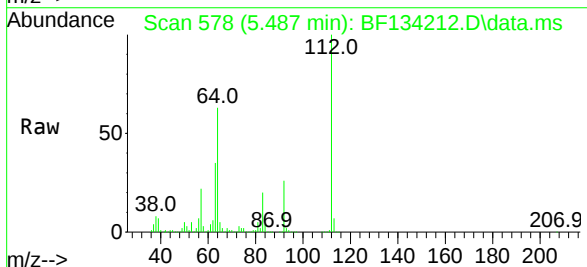
Instrument :
BNA_F
ClientSampleId :
PB153702TB

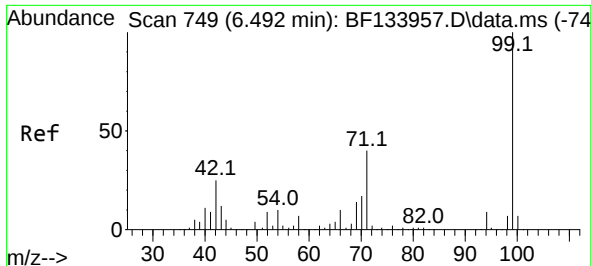
Tgt Ion:152 Resp: 108029
Ion Ratio Lower Upper
152 100
150 155.1 124.5 186.7
115 58.2 50.2 75.2



#5
2-Fluorophenol
Concen: 140.881 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

Tgt Ion:112 Resp: 909823
Ion Ratio Lower Upper
112 100
64 62.5 52.1 78.1
63 34.8 28.6 42.8

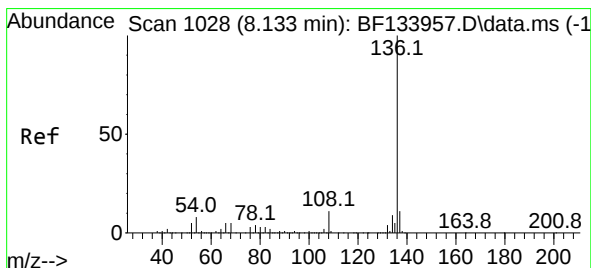
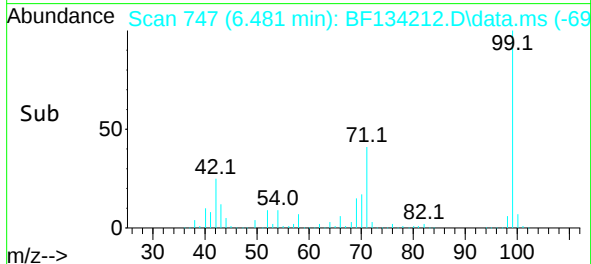
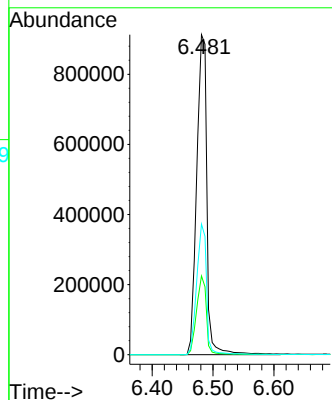
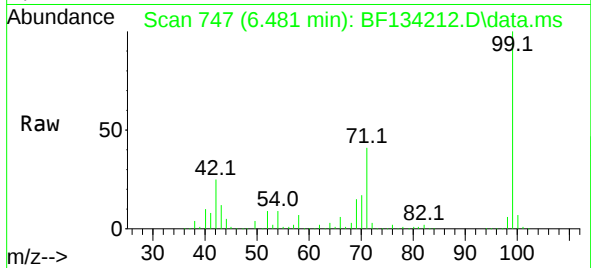




#7
Phenol-d6
Concen: 134.138 ng
RT: 6.481 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

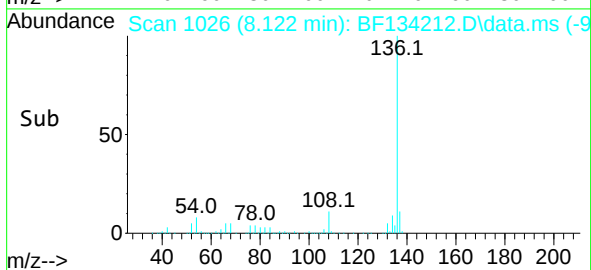
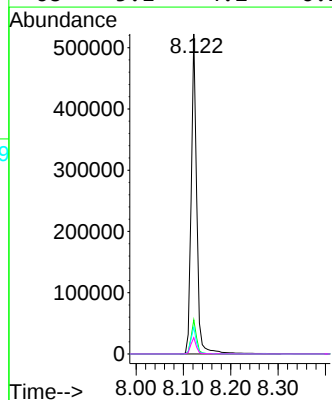
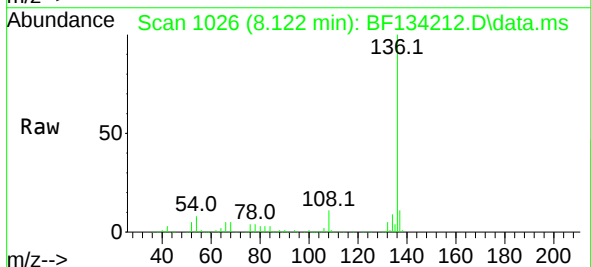
Instrument :
BNA_F
ClientSampleId :
PB153702TB

Tgt Ion: 99 Resp: 1065345
Ion Ratio Lower Upper
99 100
42 24.6 19.8 29.6
71 40.8 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: BF134212.D
Acq: 11 Jul 2023 14:00

Tgt Ion: 136 Resp: 419925
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 8.3 6.5 9.7
68 5.1 4.2 6.2

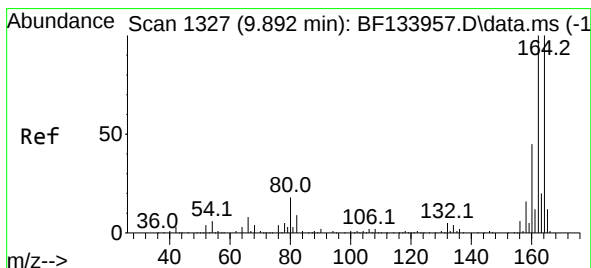
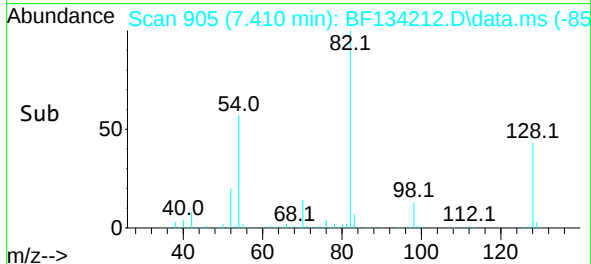
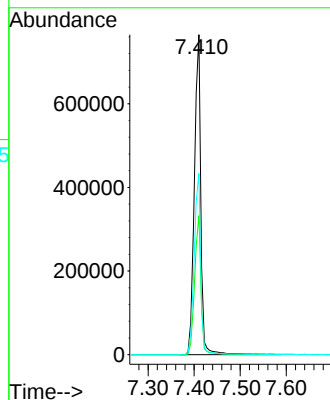
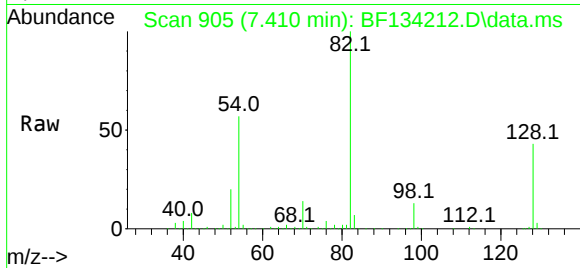




#23
 Nitrobenzene-d5
 Concen: 95.578 ng
 RT: 7.410 min Scan# 906
 Delta R.T. 0.000 min
 Lab File: BF134212.D
 Acq: 11 Jul 2023 14:00

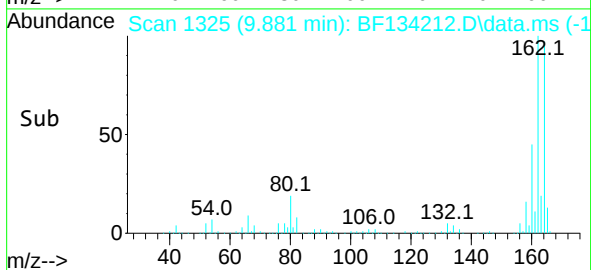
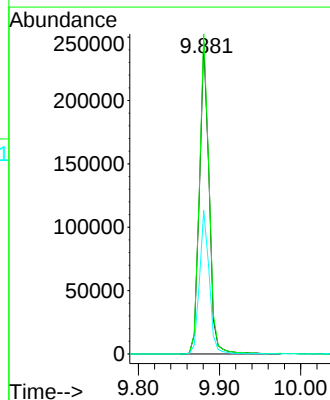
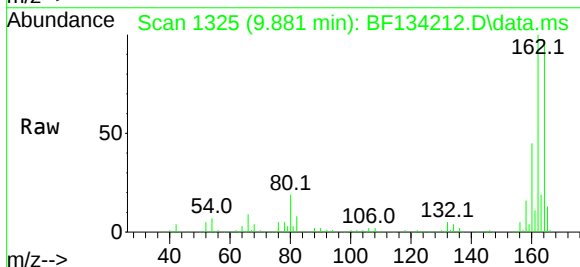
Instrument :
 BNA_F
 ClientSampleId :
 PB153702TB

Tgt Ion: 82 Resp: 744558
 Ion Ratio Lower Upper
 82 100
 128 43.5 32.5 48.7
 54 56.6 48.2 72.2



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.881 min Scan# 1325
 Delta R.T. -0.006 min
 Lab File: BF134212.D
 Acq: 11 Jul 2023 14:00

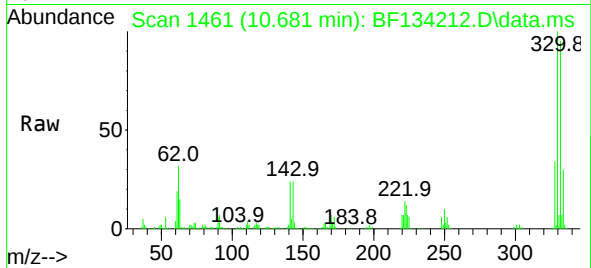
Tgt Ion:164 Resp: 204769
 Ion Ratio Lower Upper
 164 100
 162 102.7 80.0 120.0
 160 46.0 35.9 53.9



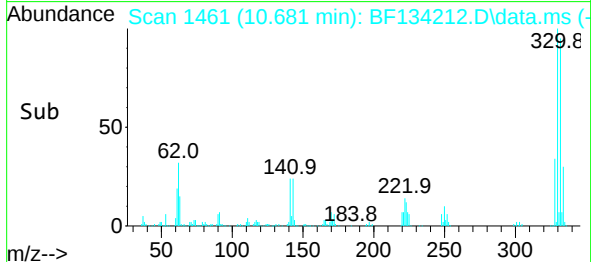
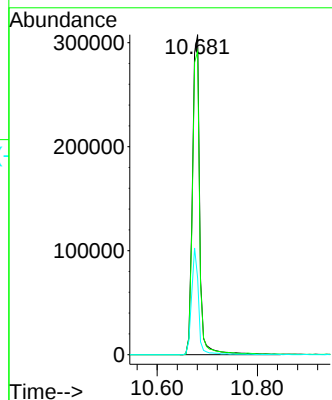


#42
2,4,6-Tribromophenol
Concen: 120.783 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.000 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

Instrument :
BNA_F
ClientSampleId :
PB153702TB

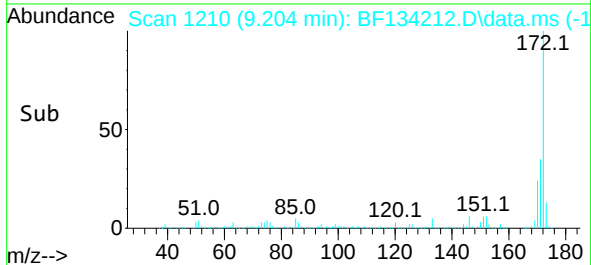
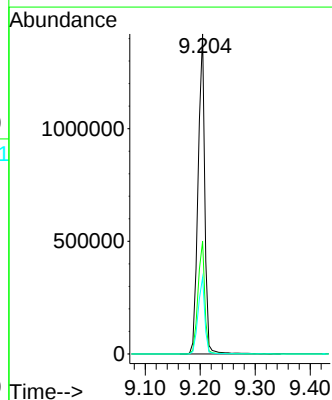
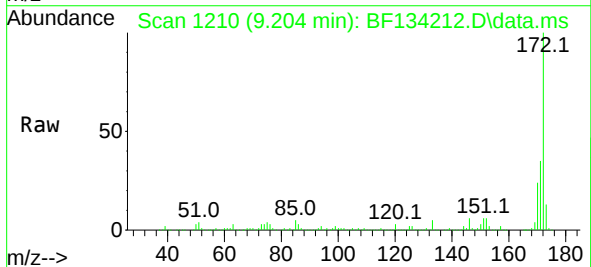


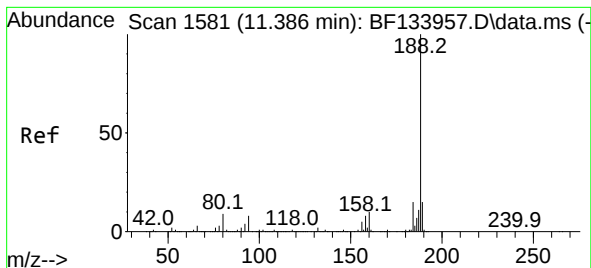
Tgt Ion: 330 Resp: 310097
Ion Ratio Lower Upper
330 100
332 94.4 77.0 115.6
141 32.0 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 85.766 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.000 min
Lab File: BF134212.D
Acq: 11 Jul 2023 14:00

Tgt Ion: 172 Resp: 1207940
Ion Ratio Lower Upper
172 100
171 35.2 28.6 43.0
170 24.0 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.375 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF134212.D

Acq: 11 Jul 2023 14:00

Instrument :

BNA_F

ClientSampleId :

PB153702TB

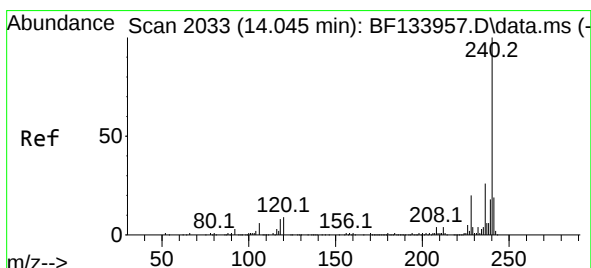
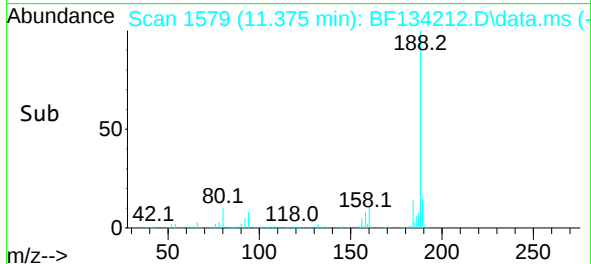
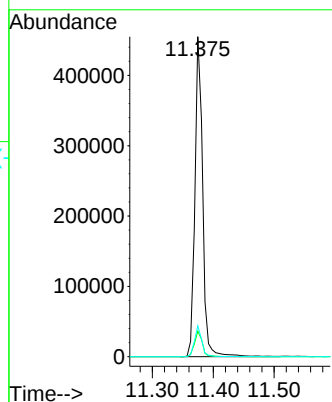
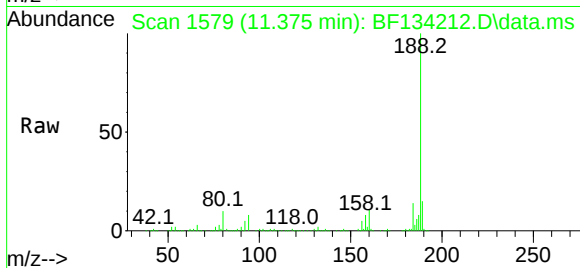
Tgt Ion:188 Resp: 400667

Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 9.6 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2032

Delta R.T. 0.000 min

Lab File: BF134212.D

Acq: 11 Jul 2023 14:00

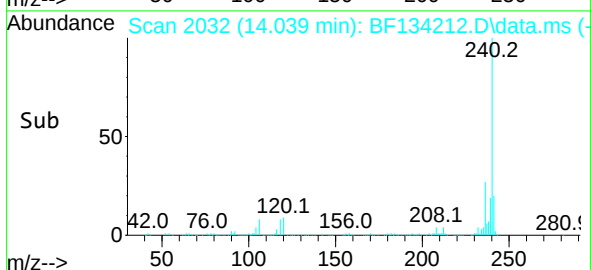
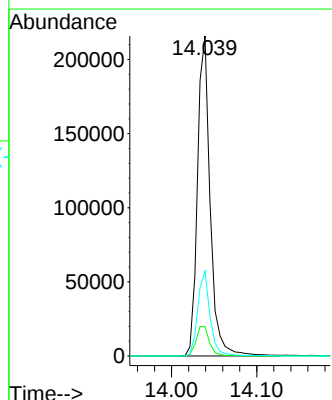
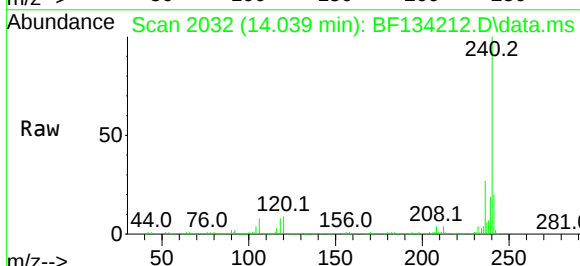
Tgt Ion:240 Resp: 223629

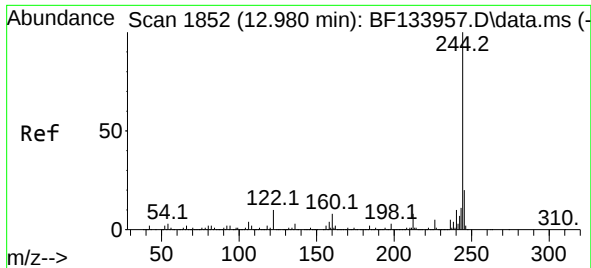
Ion Ratio Lower Upper

240 100

120 9.2 7.4 11.0

236 26.5 21.0 31.6

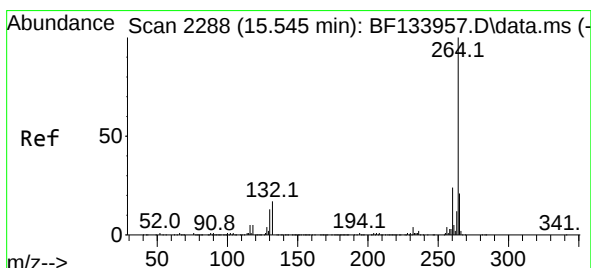
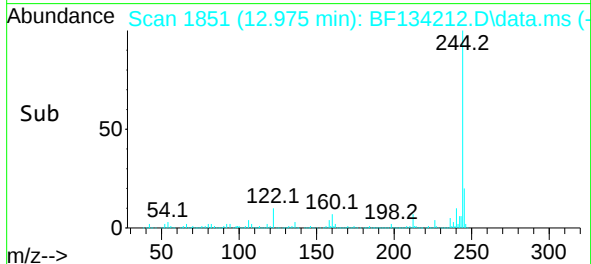
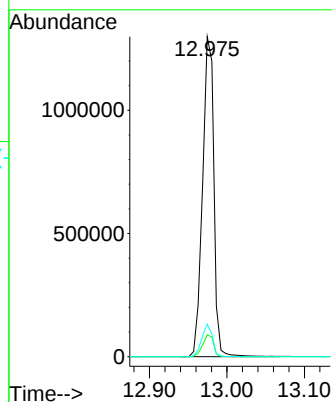
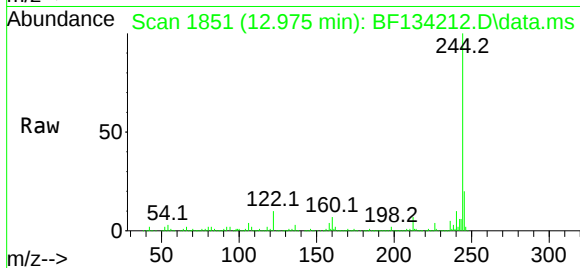




#79
 Terphenyl-d14
 Concen: 94.576 ng
 RT: 12.975 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF134212.D
 Acq: 11 Jul 2023 14:00

Instrument :
 BNA_F
 ClientSampleId :
 PB153702TB

Tgt Ion:244 Resp: 1314129
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.1 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: BF134212.D
 Acq: 11 Jul 2023 14:00

Tgt Ion:264 Resp: 240624
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.0 16.6 25.0

