

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
 Data File : BF134214.D
 Acq On : 11 Jul 2023 15:07
 Operator : CG\JU
 Sample : PB153981TB
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153981TB

Quant Time: Jul 12 01:05:23 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	93024	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	364369	20.000	ng	0.00
39) Acenaphthene-d10	9.880	164	184925	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	357877	20.000	ng	0.00
76) Chrysene-d12	14.039	240	199316	20.000	ng	0.00
86) Perylene-d12	15.545	264	190919	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	739911	133.052	ng	0.01
7) Phenol-d6	6.487	99	885399	129.463	ng	0.00
23) Nitrobenzene-d5	7.410	82	611349	90.444	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	285477	123.125	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1139736	89.607	ng	0.00
79) Terphenyl-d14	12.974	244	1218858	98.419	ng	0.00

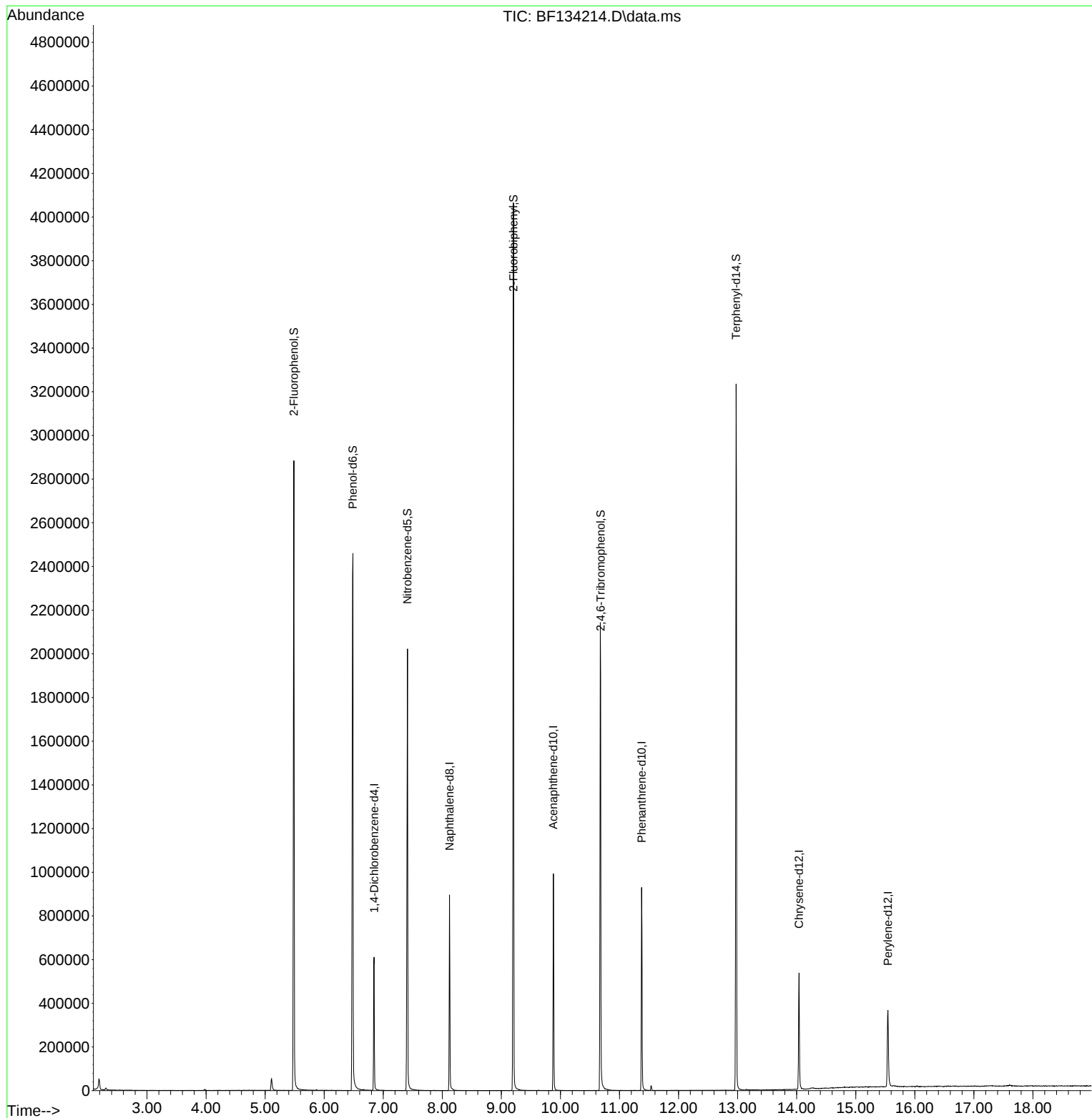
Target Compounds	Qvalue

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

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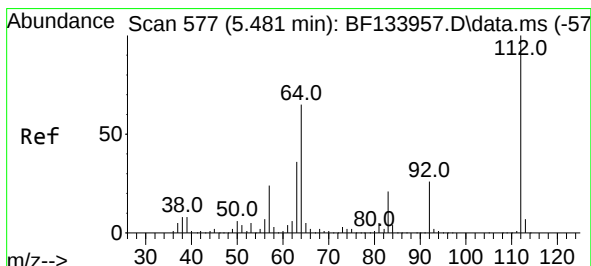
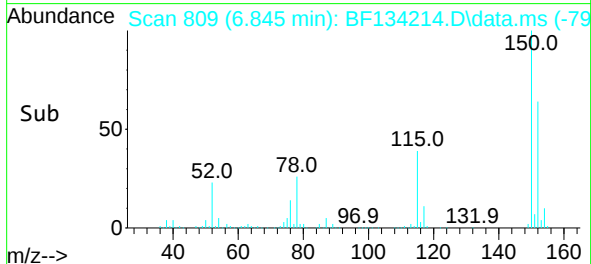
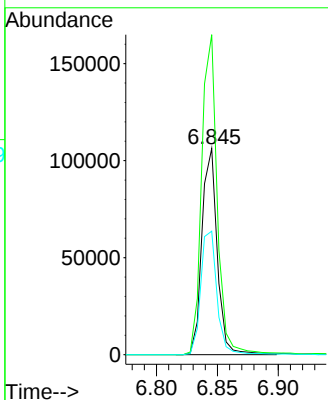
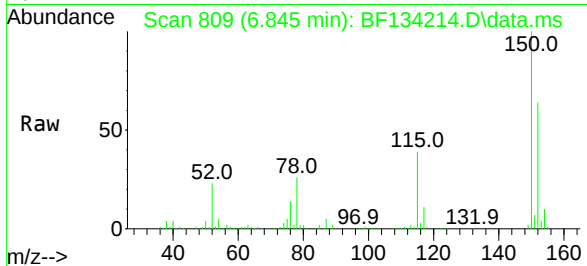




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

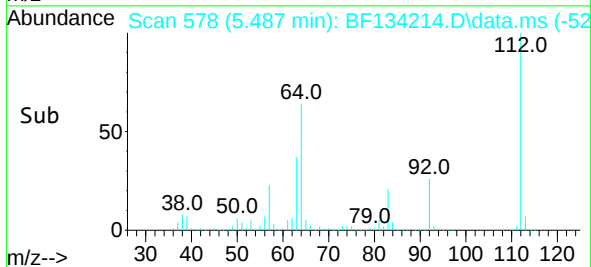
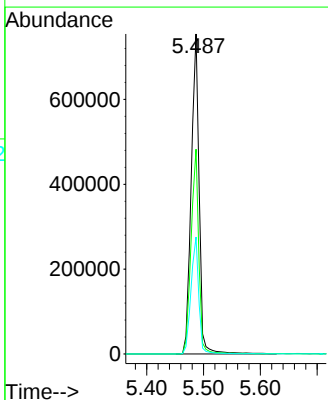
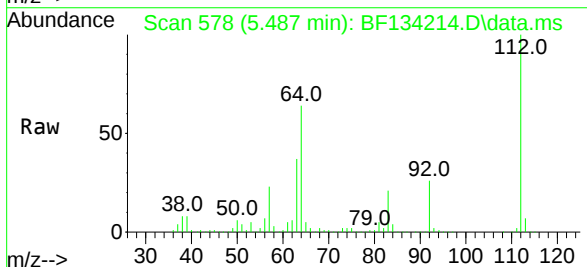
Instrument :
BNA_F
ClientSampleId :
PB153981TB

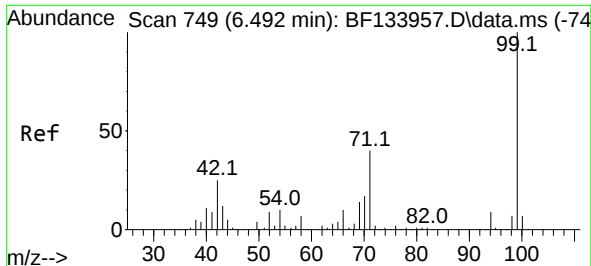
Tgt Ion:152 Resp: 93024
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 59.9 50.2 75.2



#5
2-Fluorophenol
Concen: 133.052 ng
RT: 5.487 min Scan# 578
Delta R.T. 0.012 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

Tgt Ion:112 Resp: 739911
Ion Ratio Lower Upper
112 100
64 64.0 52.1 78.1
63 36.5 28.6 42.8

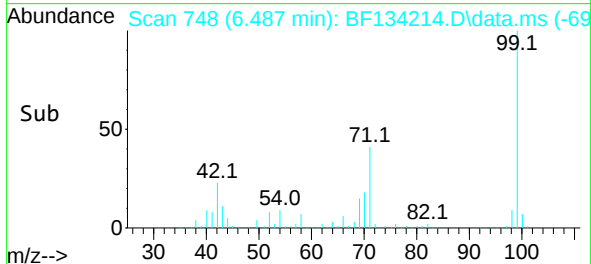
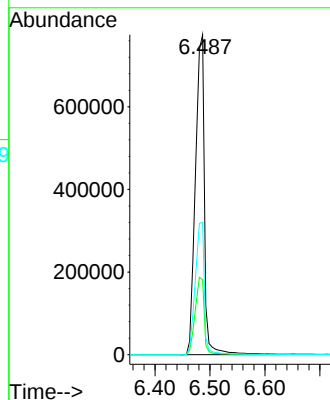
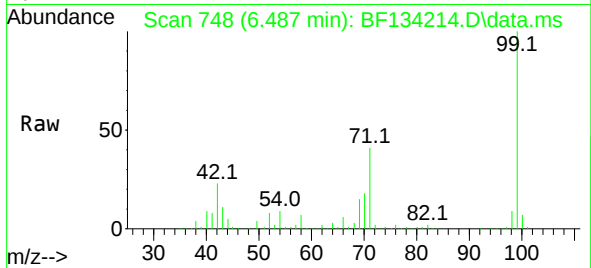




#7
Phenol-d6
Concen: 129.463 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

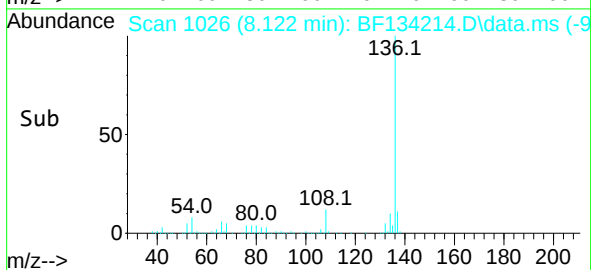
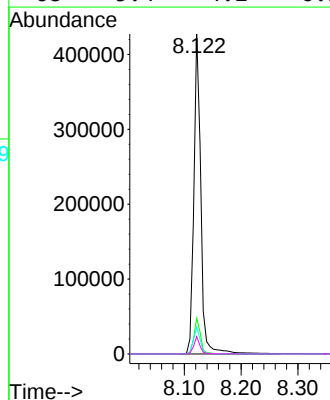
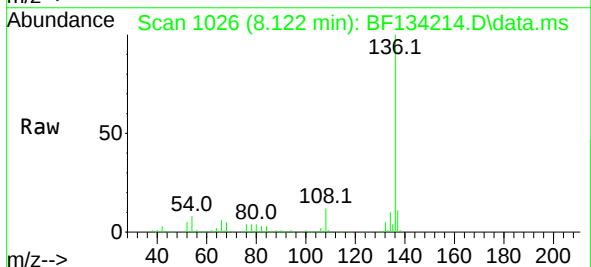
Instrument :
BNA_F
ClientSampleId :
PB153981TB

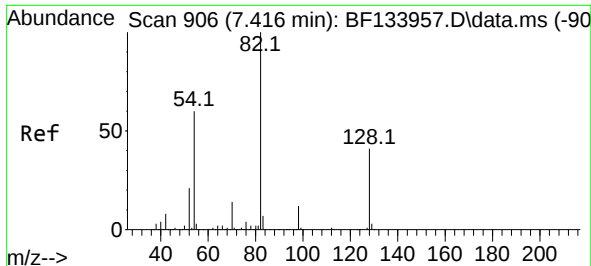
Tgt Ion: 99 Resp: 885399
Ion Ratio Lower Upper
99 100
42 23.5 19.8 29.6
71 41.4 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

Tgt Ion: 136 Resp: 364369
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.4 6.5 9.7
68 5.4 4.2 6.2





#23

Nitrobenzene-d5

Concen: 90.444 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.000 min

Lab File: BF134214.D

Acq: 11 Jul 2023 15:07

Instrument :

BNA_F

ClientSampleId :

PB153981TB

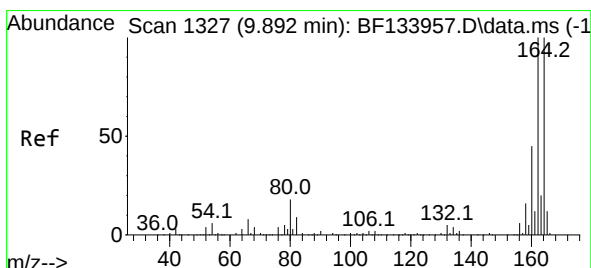
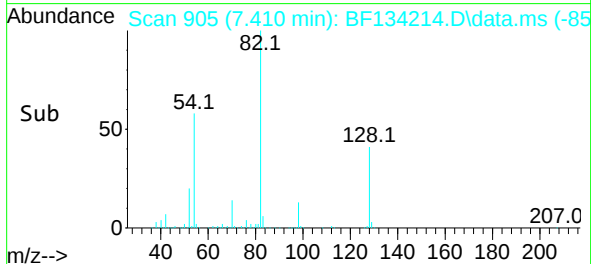
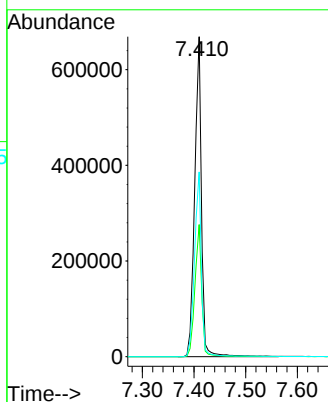
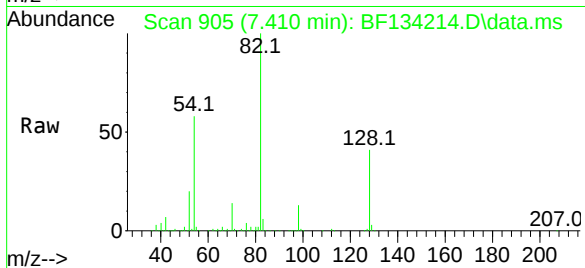
Tgt Ion: 82 Resp: 611349

Ion Ratio Lower Upper

82 100

128 41.3 32.5 48.7

54 57.8 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: BF134214.D

Acq: 11 Jul 2023 15:07

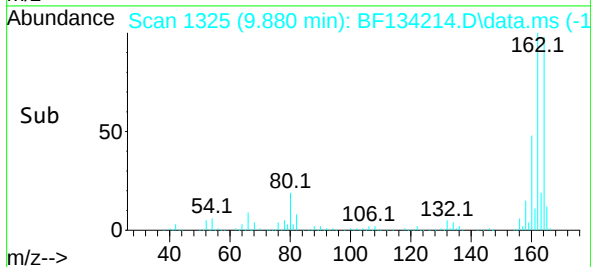
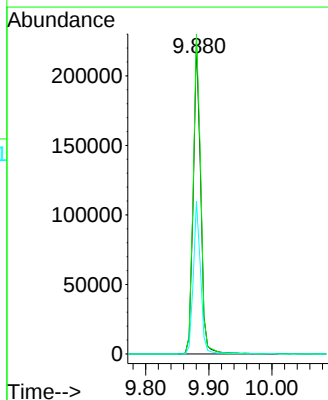
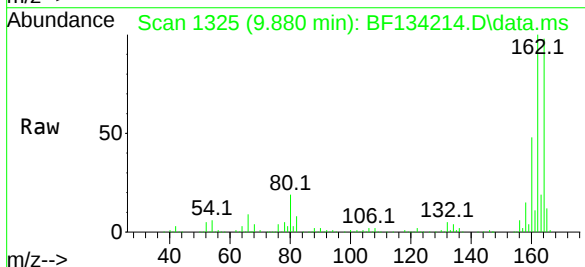
Tgt Ion: 164 Resp: 184925

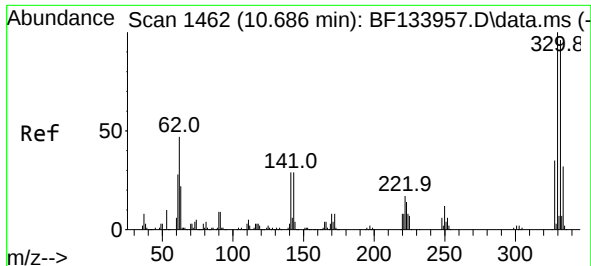
Ion Ratio Lower Upper

164 100

162 102.3 80.0 120.0

160 48.8 35.9 53.9

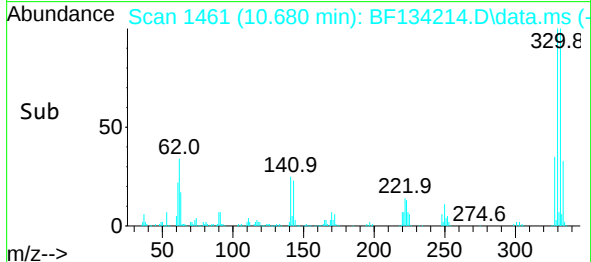
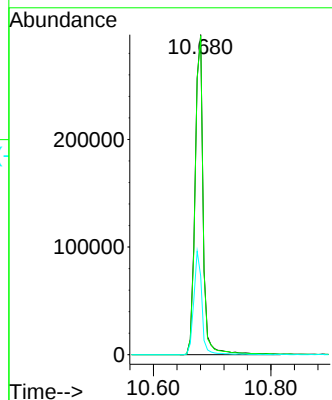
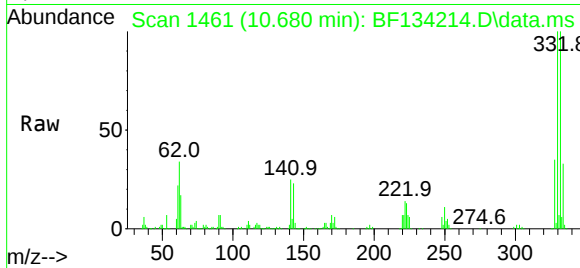




#42
2,4,6-Tribromophenol
Concen: 123.125 ng
RT: 10.680 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

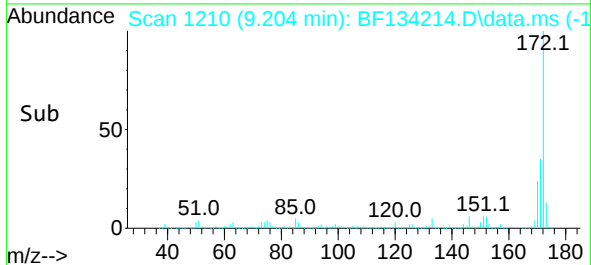
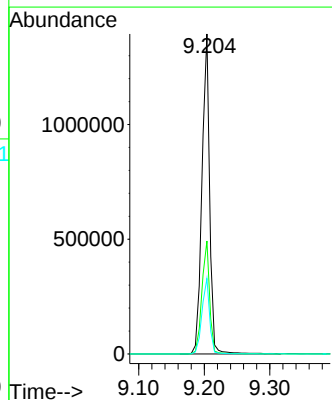
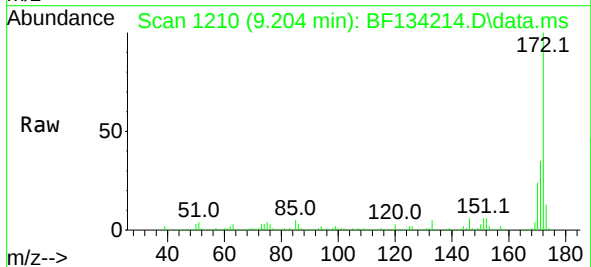
Instrument :
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Tgt Ion:330 Resp: 285477
Ion Ratio Lower Upper
330 100
332 98.2 77.0 115.6
141 31.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 89.607 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF134214.D
Acq: 11 Jul 2023 15:07

Tgt Ion:172 Resp: 1139736
Ion Ratio Lower Upper
172 100
171 35.3 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: BF134214.D

Acq: 11 Jul 2023 15:07

Instrument :

BNA_F

ClientSampleId :

PB153981TB

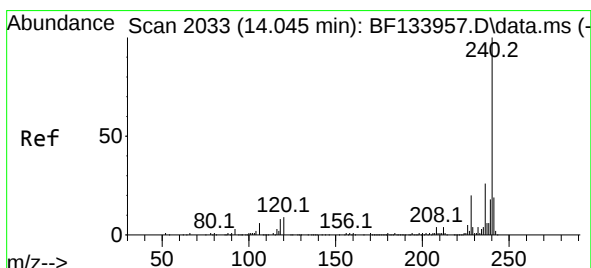
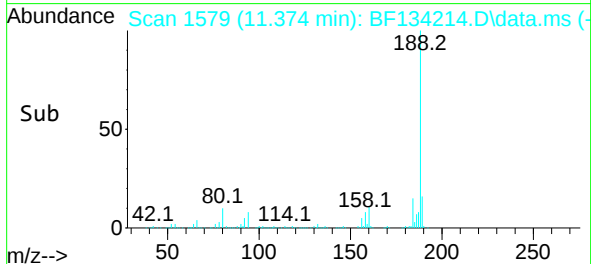
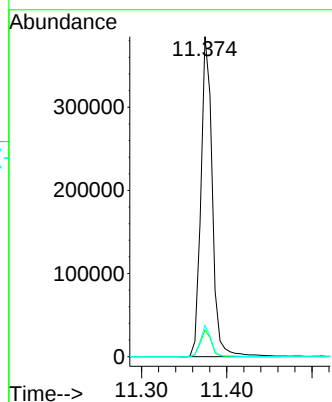
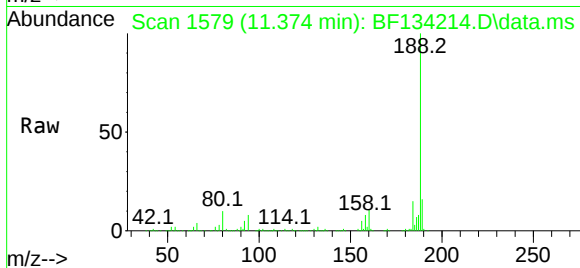
Tgt Ion:188 Resp: 357877

Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.8 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: BF134214.D

Acq: 11 Jul 2023 15:07

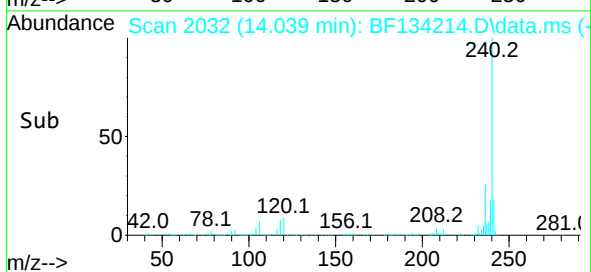
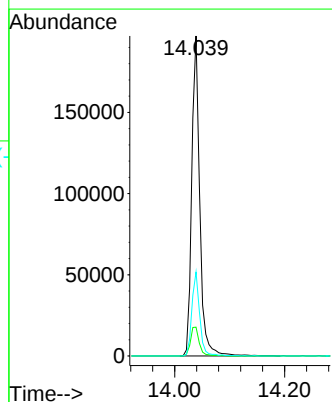
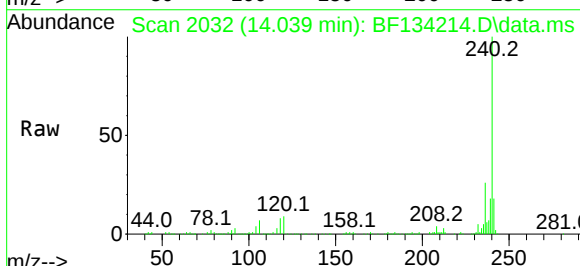
Tgt Ion:240 Resp: 199316

Ion Ratio Lower Upper

240 100

120 9.0 7.4 11.0

236 26.2 21.0 31.6

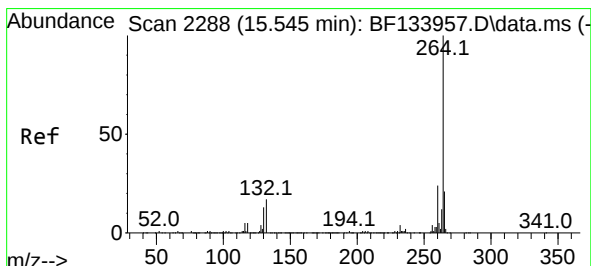
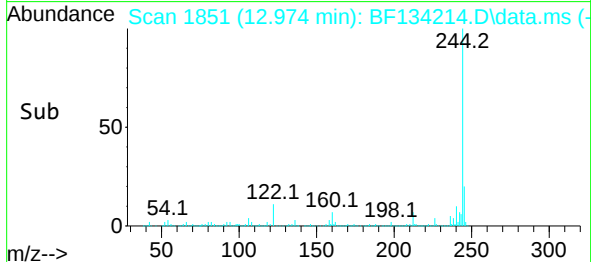
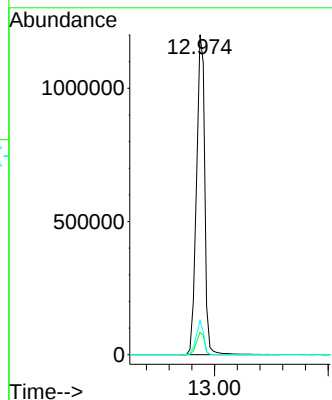
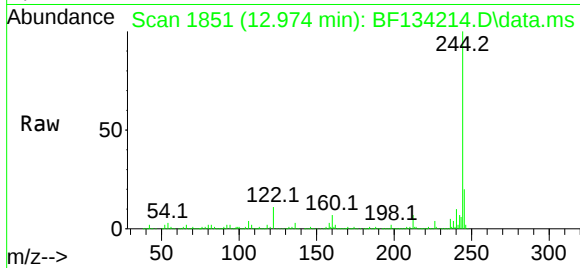




#79
 Terphenyl-d14
 Concen: 98.419 ng
 RT: 12.974 min Scan# 1851
 Delta R.T. -0.000 min
 Lab File: BF134214.D
 Acq: 11 Jul 2023 15:07

Instrument :
 BNA_F
 ClientSampleId :
 PB153981TB

Tgt Ion:244 Resp: 1218858
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.6 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.000 min
 Lab File: BF134214.D
 Acq: 11 Jul 2023 15:07

Tgt Ion:264 Resp: 190919
 Ion Ratio Lower Upper
 264 100
 260 25.8 19.5 29.3
 265 22.3 16.6 25.0

