

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131907.D
 Acq On : 04 Jan 2023 19:41
 Operator : CG\JU
 Sample : N6239-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C1

Quant Time: Jan 05 05:45:35 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 30 02:06:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.810	152	64005	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	225942	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	123394	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	205552	20.000	ng	0.00
76) Chrysene-d12	14.010	240	133275	20.000	ng	0.00
86) Perylene-d12	15.486	264	153334	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	527286	136.525	ng	0.02
7) Phenol-d6	6.451	99	604902	119.211	ng	0.00
23) Nitrobenzene-d5	7.387	82	523822	92.563	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	185220	138.154	ng	-0.01
45) 2-Fluorobiphenyl	9.187	172	884367	98.169	ng	0.00
79) Terphenyl-d14	12.951	244	734799	93.260	ng	0.00

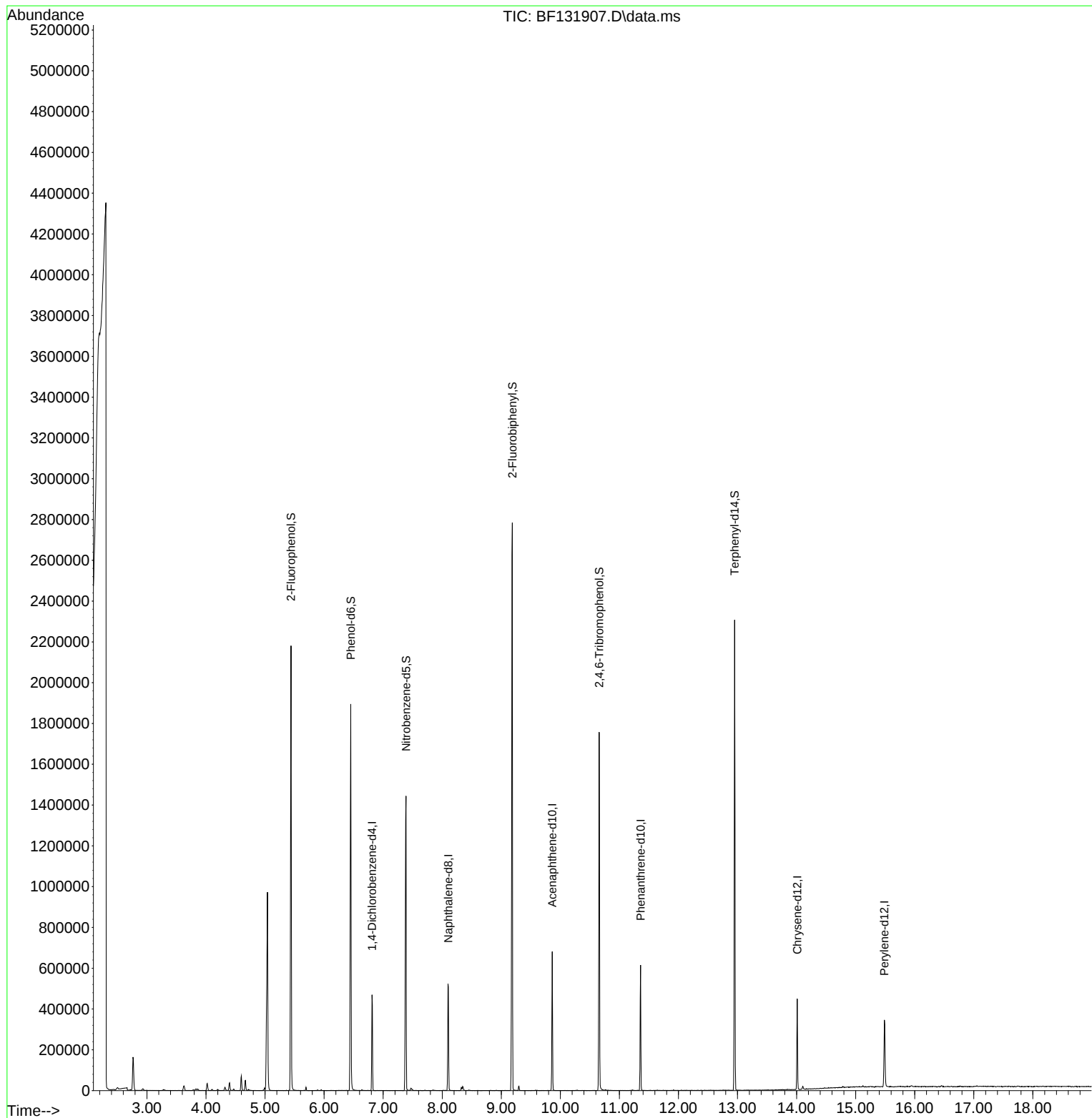
Target Compounds	Qvalue

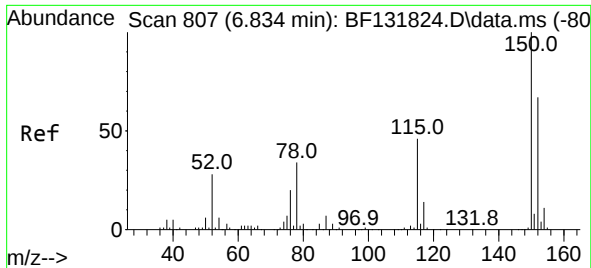
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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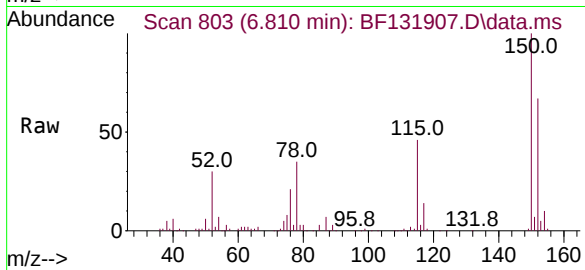
Quant Time: Jan 05 05:45:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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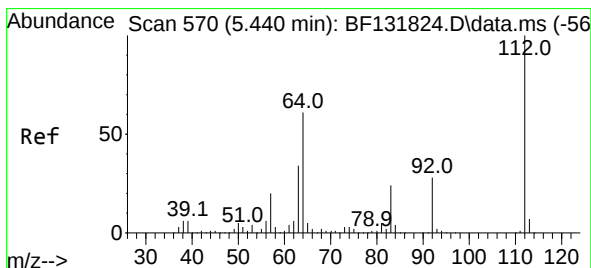
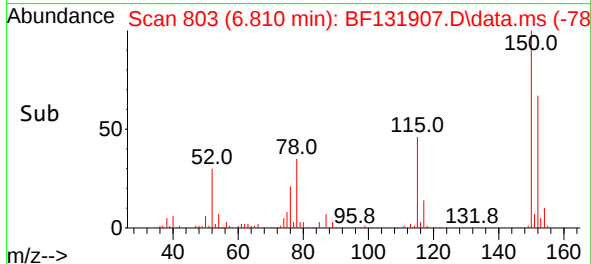
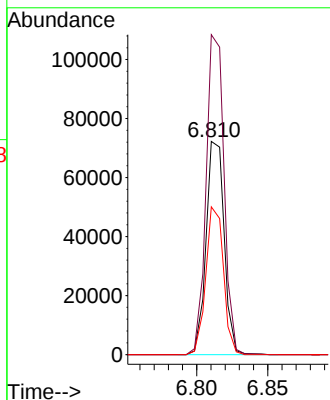


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

Instrument :
BNA_F
ClientSampleId :
TP-C1

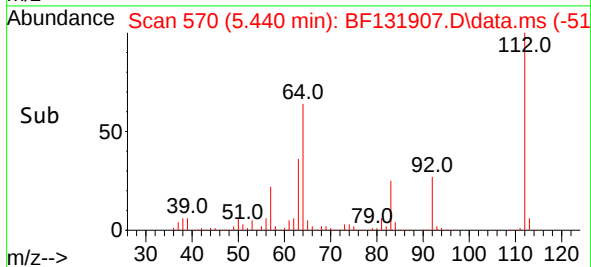
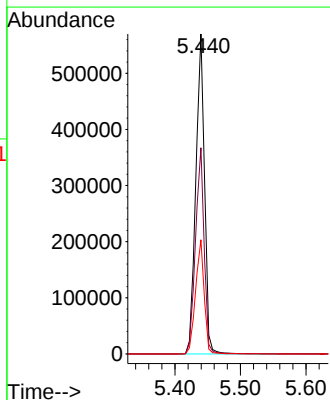
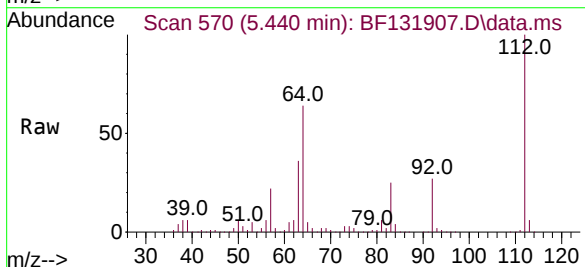


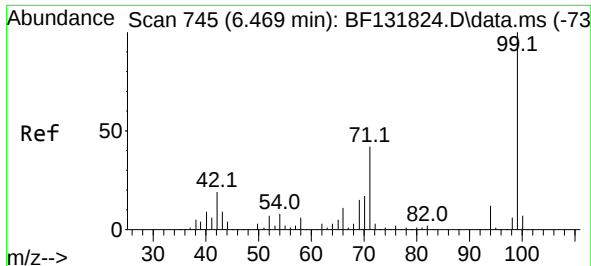
Tgt Ion:152 Resp: 64005
Ion Ratio Lower Upper
152 100
150 150.0 120.0 180.0
115 69.3 55.1 82.7



#5
2-Fluorophenol
Concen: 136.525 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

Tgt Ion:112 Resp: 527286
Ion Ratio Lower Upper
112 100
64 64.4 49.2 73.8
63 35.7 27.5 41.3

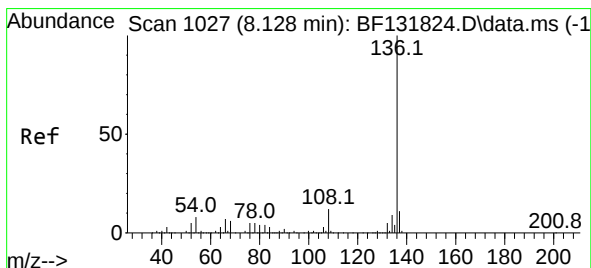
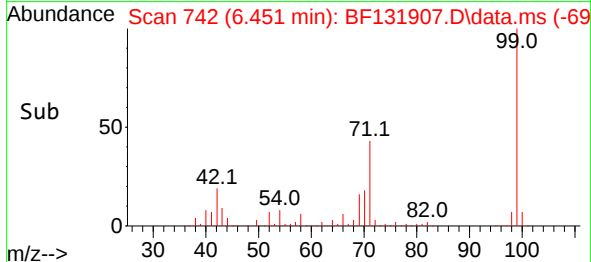
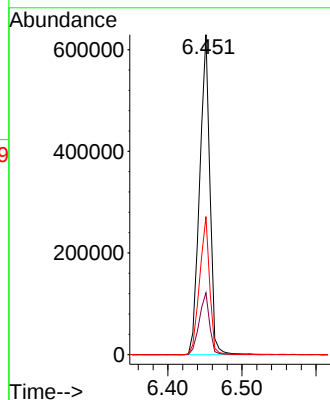
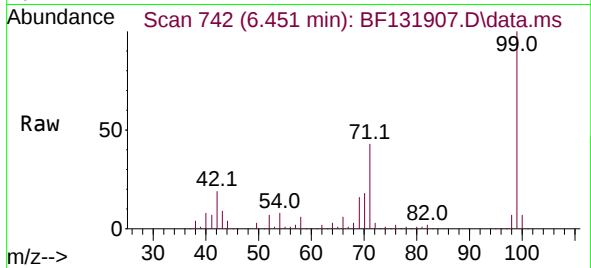




#7
Phenol-d6
Concen: 119.211 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

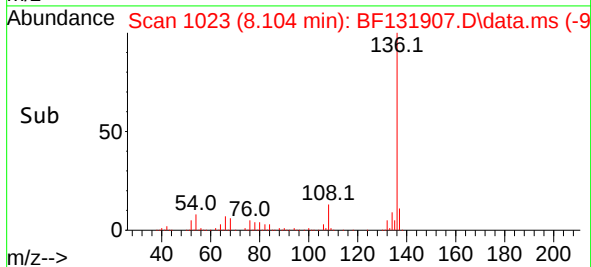
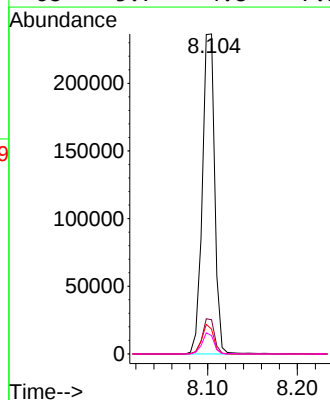
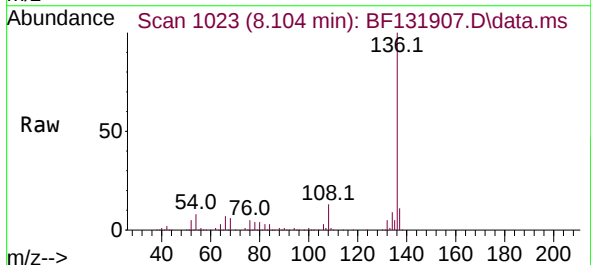
Instrument :
BNA_F
ClientSampleId :
TP-C1

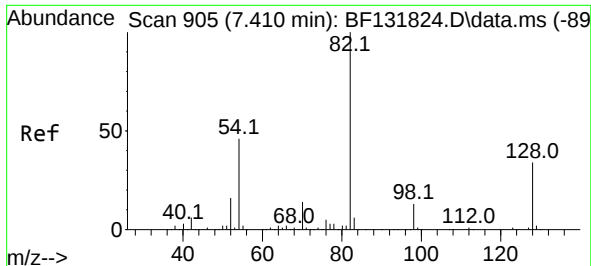
Tgt Ion: 99 Resp: 604902
Ion Ratio Lower Upper
99 100
42 19.3 15.3 22.9
71 43.1 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131907.D
Acq: 04 Jan 2023 19:41

Tgt Ion: 136 Resp: 225942
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 7.7 6.7 10.1
68 5.7 4.8 7.2





#23

Nitrobenzene-d5

Concen: 92.563 ng

RT: 7.387 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF131907.D

Acq: 04 Jan 2023 19:41

Instrument :

BNA_F

ClientSampleId :

TP-C1

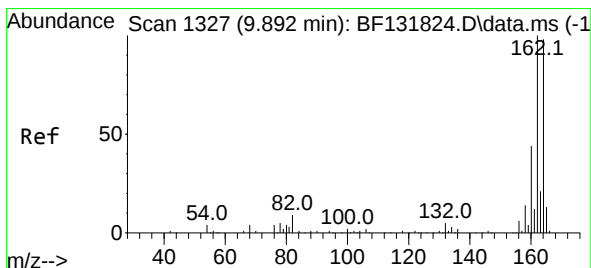
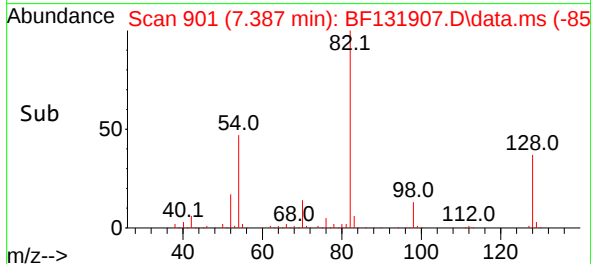
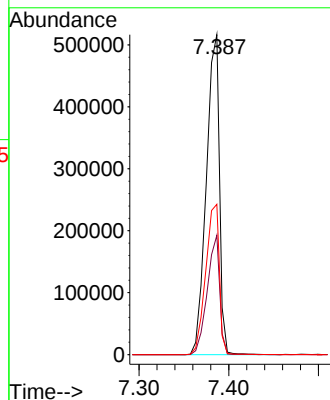
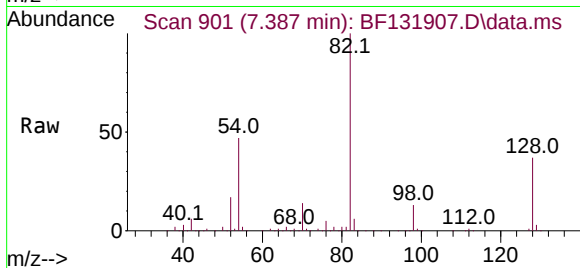
Tgt Ion: 82 Resp: 523822

Ion Ratio Lower Upper

82 100

128 37.3 27.1 40.7

54 47.0 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.863 min Scan# 1322

Delta R.T. -0.012 min

Lab File: BF131907.D

Acq: 04 Jan 2023 19:41

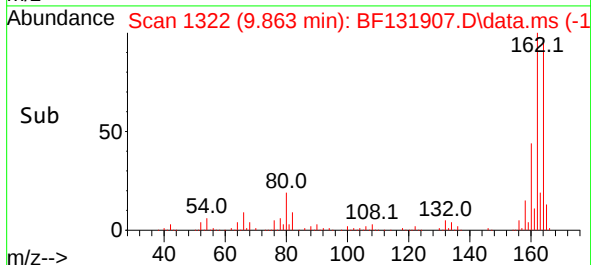
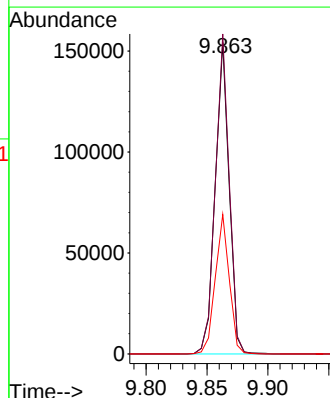
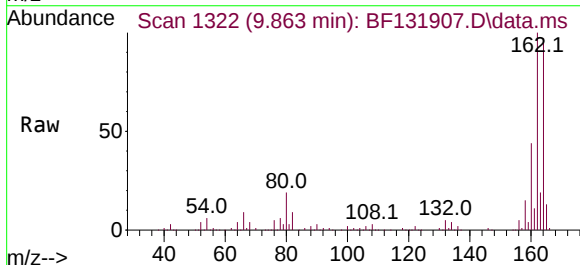
Tgt Ion:164 Resp: 123394

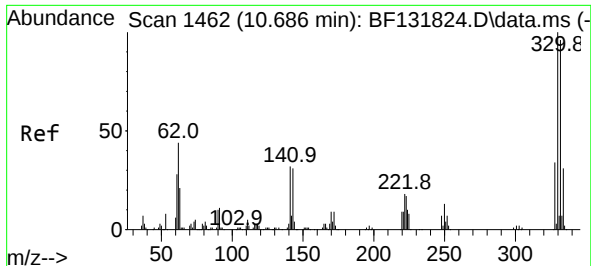
Ion Ratio Lower Upper

164 100

162 102.8 81.8 122.6

160 44.8 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 138.154 ng

RT: 10.657 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF131907.D

Acq: 04 Jan 2023 19:41

Instrument :

BNA_F

ClientSampleId :

TP-C1

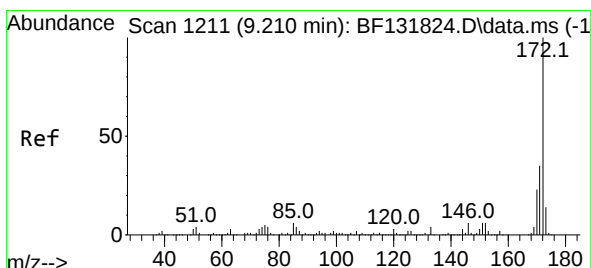
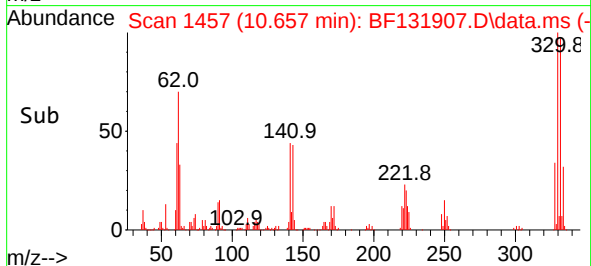
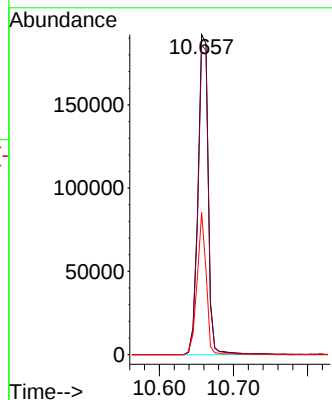
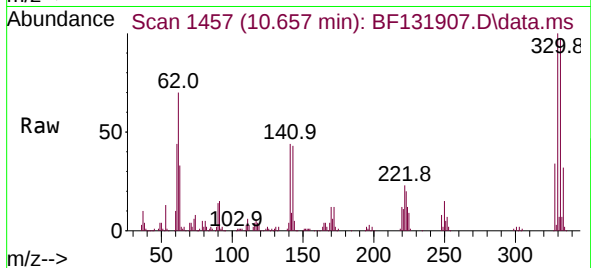
Tgt Ion:330 Resp: 185220

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.4

141 39.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 98.169 ng

RT: 9.187 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF131907.D

Acq: 04 Jan 2023 19:41

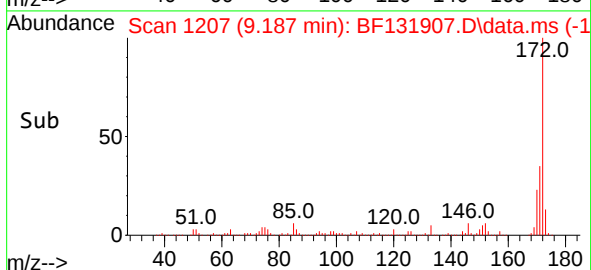
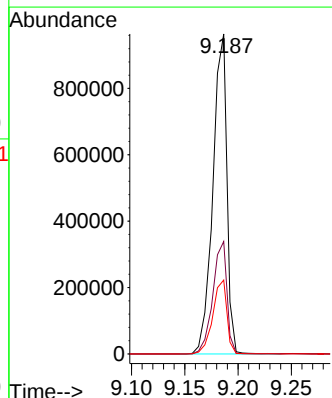
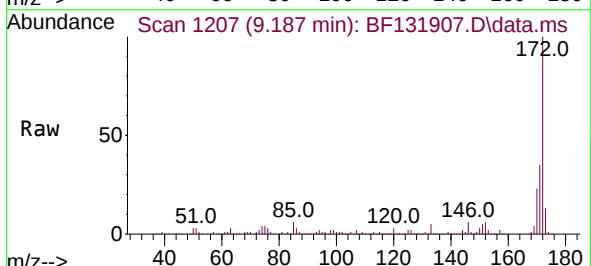
Tgt Ion:172 Resp: 884367

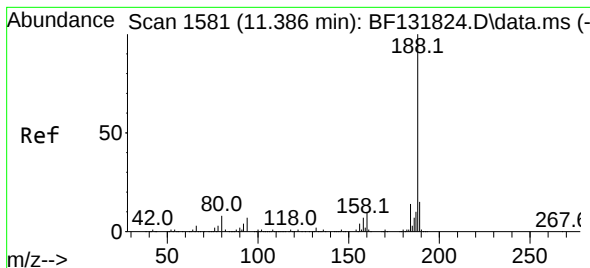
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF131907.D

Acq: 04 Jan 2023 19:41

Instrument :

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ClientSampleId :

TP-C1

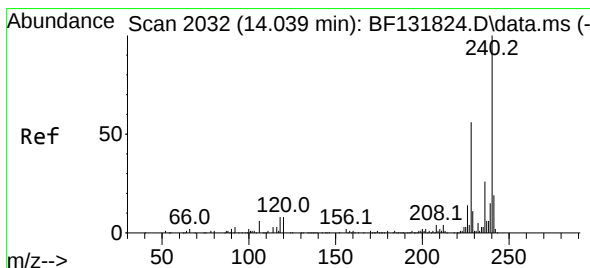
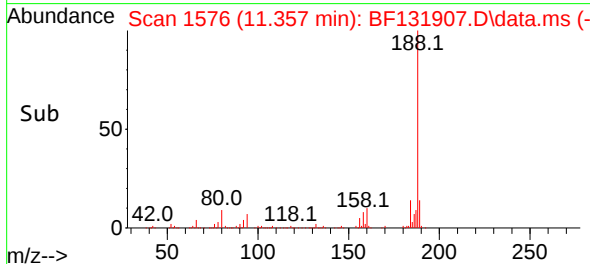
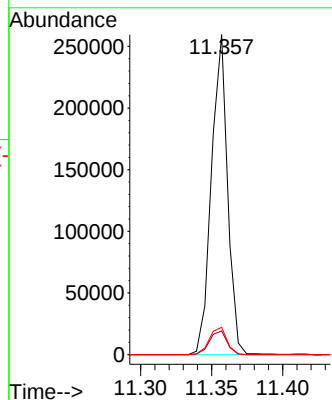
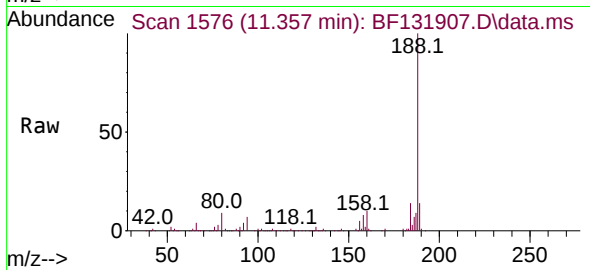
Tgt Ion:188 Resp: 205552

Ion Ratio Lower Upper

188 100

94 7.4 5.8 8.6

80 8.5 6.7 10.1



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF131907.D

Acq: 04 Jan 2023 19:41

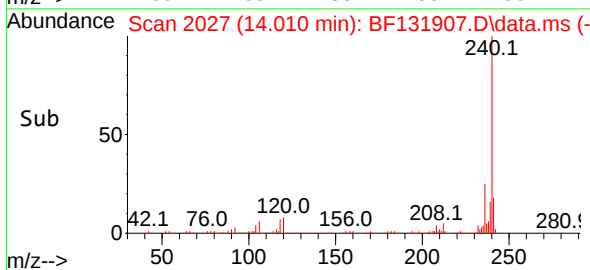
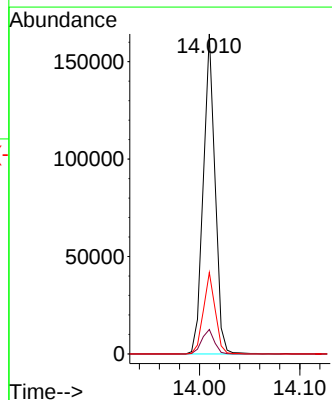
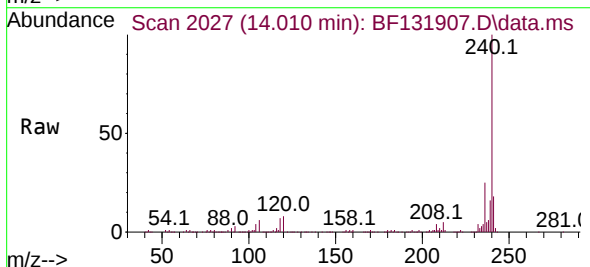
Tgt Ion:240 Resp: 133275

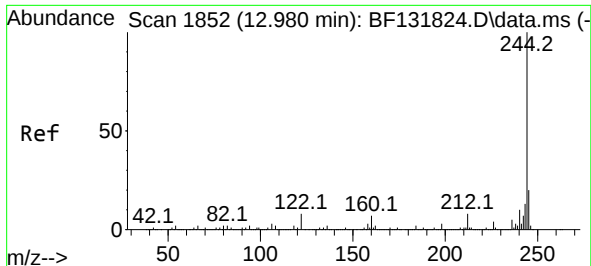
Ion Ratio Lower Upper

240 100

120 7.6 6.7 10.1

236 25.4 20.6 31.0

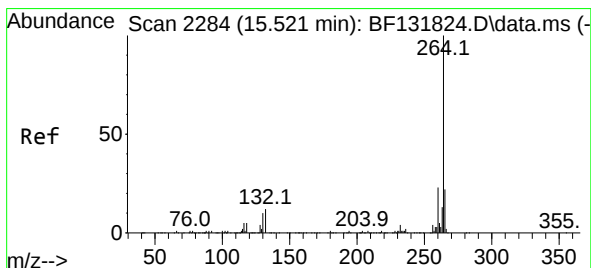
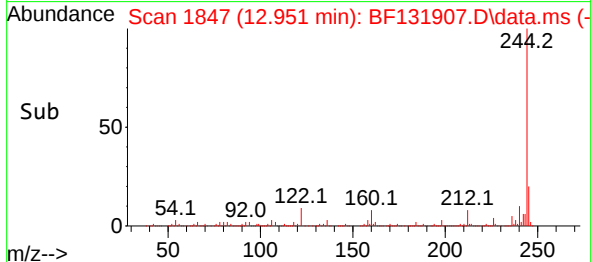
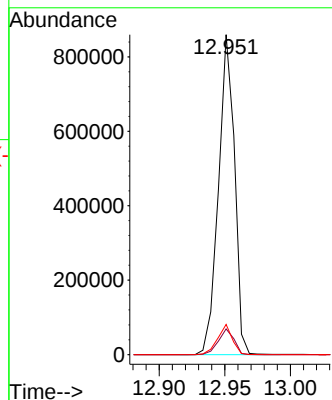
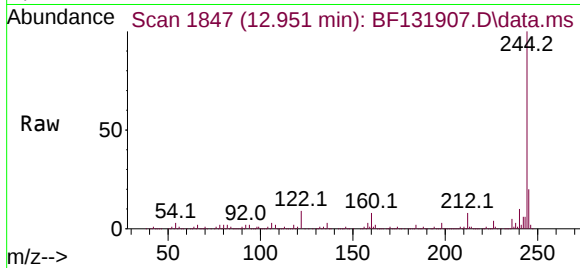




#79
 Terphenyl-d14
 Concen: 93.260 ng
 RT: 12.951 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF131907.D
 Acq: 04 Jan 2023 19:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-C1

Tgt Ion:244 Resp: 734799
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.3 9.5
 122 9.4 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.486 min Scan# 2278
 Delta R.T. -0.006 min
 Lab File: BF131907.D
 Acq: 04 Jan 2023 19:41

Tgt Ion:264 Resp: 153334
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 21.1 17.4 26.0

