

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131904.D
 Acq On : 04 Jan 2023 18:00
 Operator : CG\JU
 Sample : N6239-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1S

Quant Time: Jan 05 05:43:59 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	6.816	152	77847	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	285715	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	156309	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	254996	20.000	ng	0.00
76) Chrysene-d12	14.010	240	176140	20.000	ng	0.00
86) Perylene-d12	15.492	264	195341	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	520487	110.802	ng	0.02
7) Phenol-d6	6.451	99	608704	98.630	ng	0.00
23) Nitrobenzene-d5	7.387	82	527619	73.729	ng	0.00
42) 2,4,6-Tribromophenol	10.657	330	184759	108.790	ng	-0.01
45) 2-Fluorobiphenyl	9.186	172	892131	78.177	ng	0.00
79) Terphenyl-d14	12.951	244	777248	74.641	ng	0.00

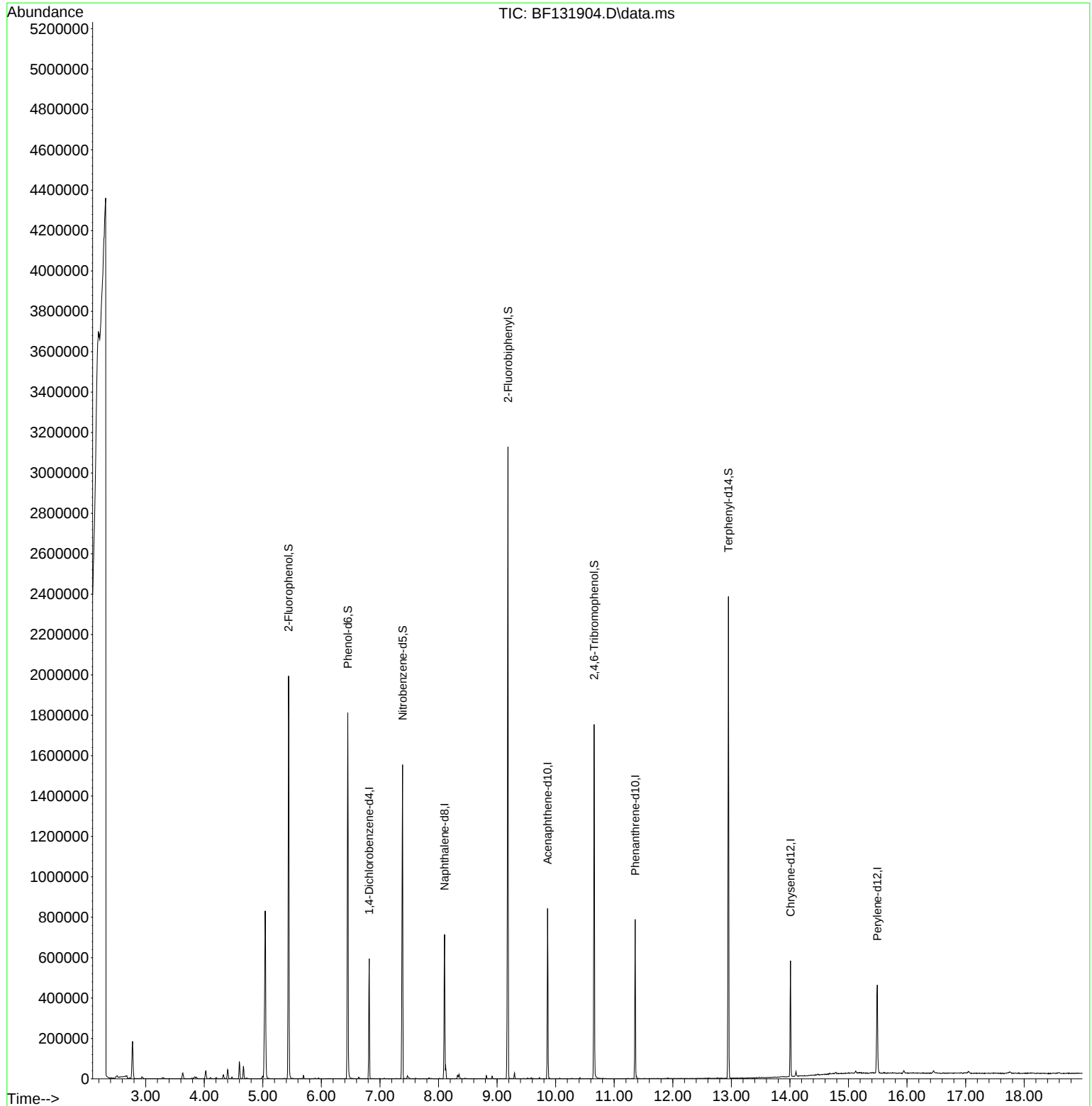
Target Compounds	Qvalue

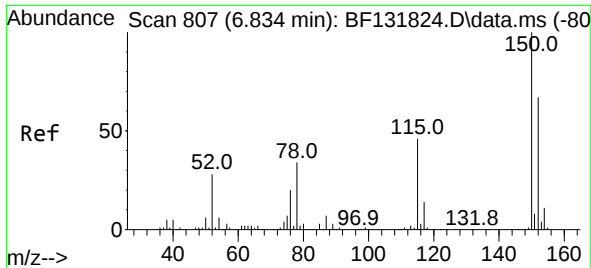
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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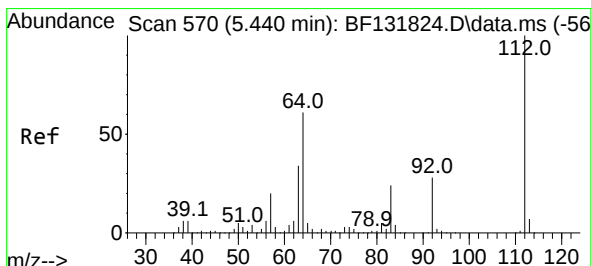
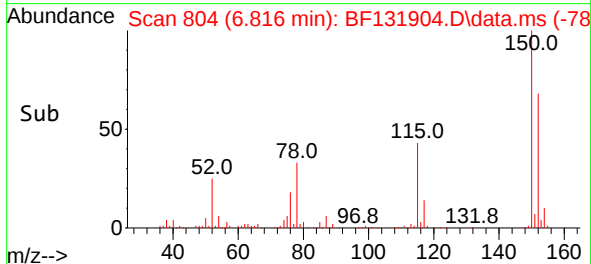
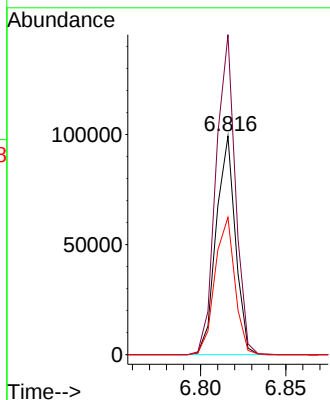
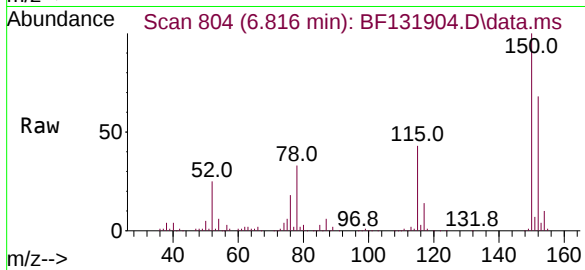




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF131904.D
 Acq: 04 Jan 2023 18:00

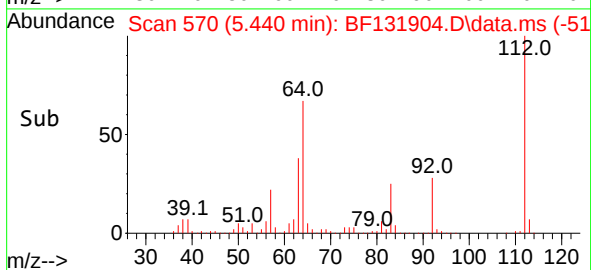
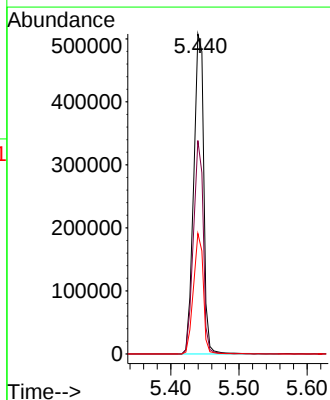
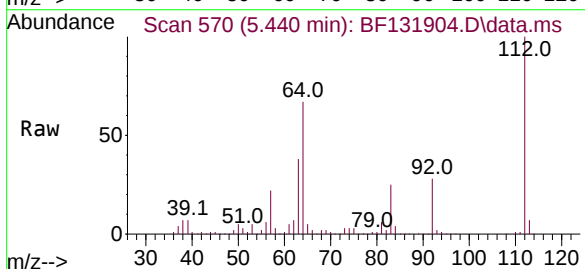
Instrument :
 BNA_F
 ClientSampleId :
 TP-1S

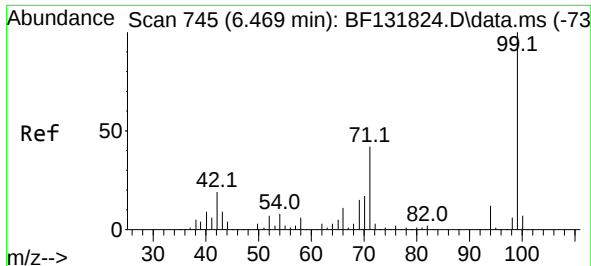
Tgt Ion:152 Resp: 77847
 Ion Ratio Lower Upper
 152 100
 150 146.5 120.0 180.0
 115 62.8 55.1 82.7



#5
 2-Fluorophenol
 Concen: 110.802 ng
 RT: 5.440 min Scan# 570
 Delta R.T. 0.018 min
 Lab File: BF131904.D
 Acq: 04 Jan 2023 18:00

Tgt Ion:112 Resp: 520487
 Ion Ratio Lower Upper
 112 100
 64 66.7 49.2 73.8
 63 37.7 27.5 41.3

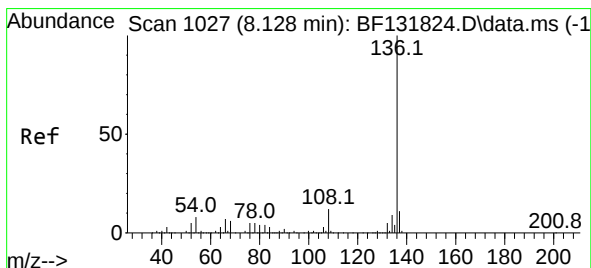
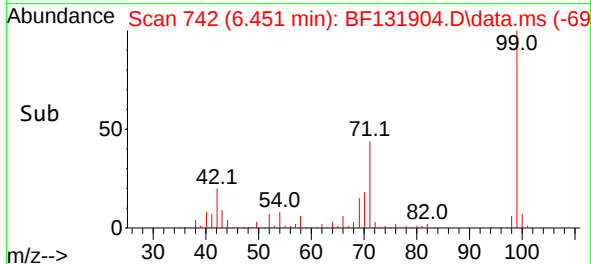
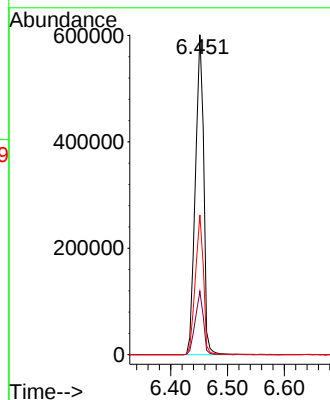
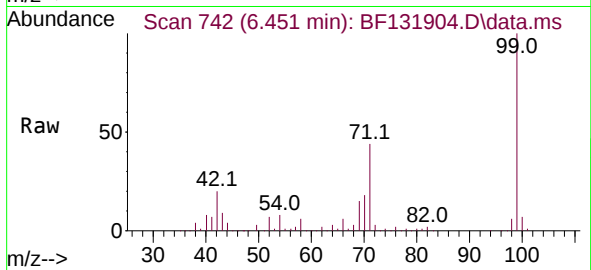




#7
Phenol-d6
Concen: 98.630 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

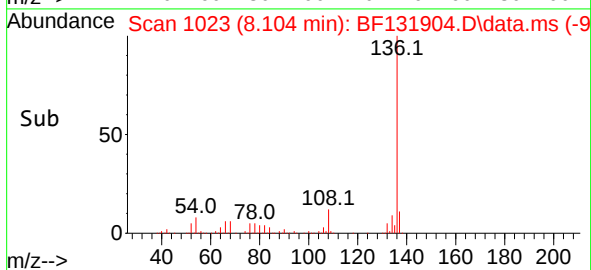
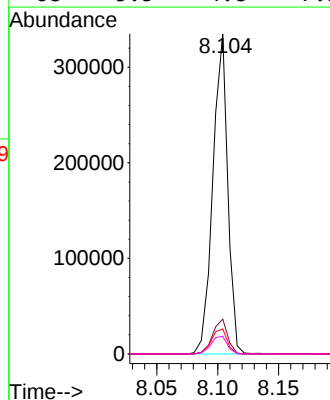
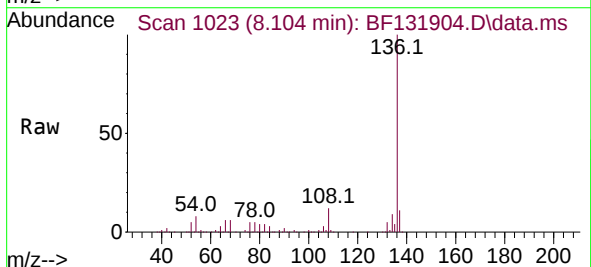
Instrument :
BNA_F
ClientSampleId :
TP-1S

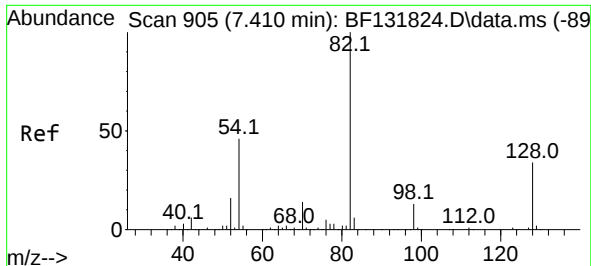
Tgt Ion: 99 Resp: 608704
Ion Ratio Lower Upper
99 100
42 19.8 15.3 22.9
71 43.7 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

Tgt Ion: 136 Resp: 285715
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.8 6.7 10.1
68 5.5 4.8 7.2

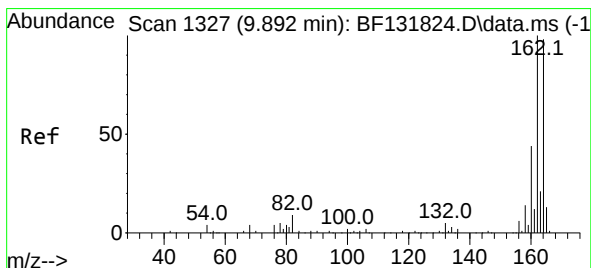
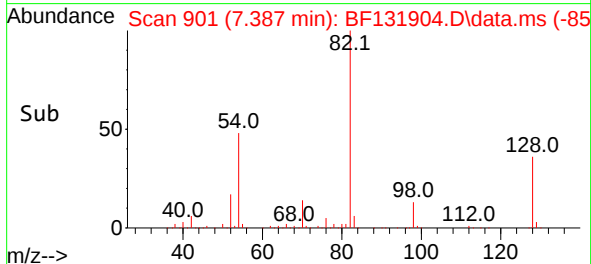
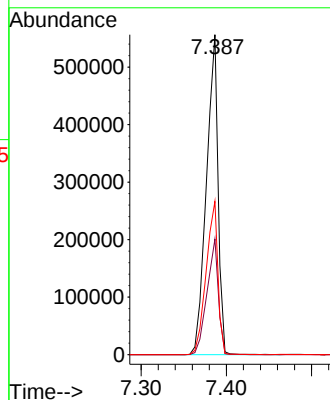
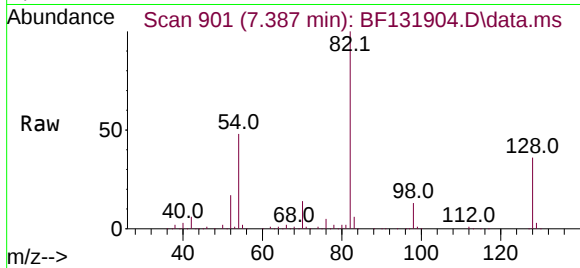




#23
Nitrobenzene-d5
Concen: 73.729 ng
RT: 7.387 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

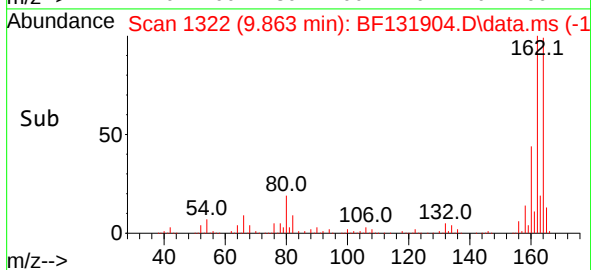
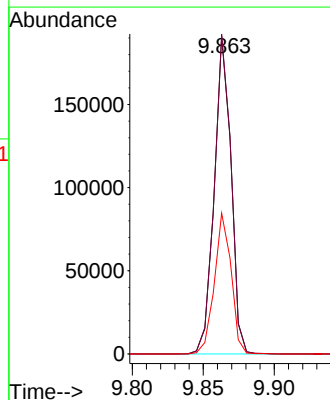
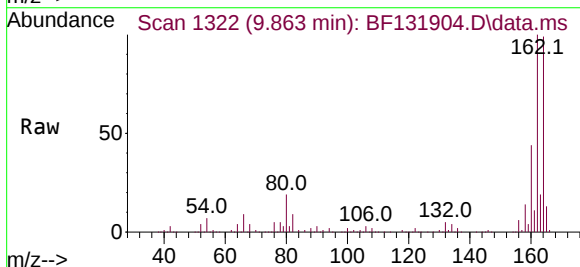
Instrument :
BNA_F
ClientSampleId :
TP-1S

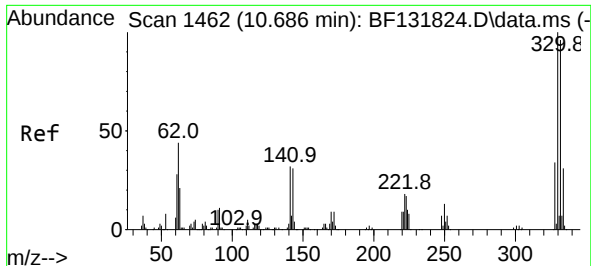
Tgt Ion: 82 Resp: 527619
Ion Ratio Lower Upper
82 100
128 36.1 27.1 40.7
54 47.9 37.0 55.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.012 min
Lab File: BF131904.D
Acq: 04 Jan 2023 18:00

Tgt Ion:164 Resp: 156309
Ion Ratio Lower Upper
164 100
162 100.7 81.8 122.6
160 44.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 108.790 ng

RT: 10.657 min Scan# 1462

Delta R.T. -0.012 min

Lab File: BF131904.D

Acq: 04 Jan 2023 18:00

Instrument :

BNA_F

ClientSampleId :

TP-1S

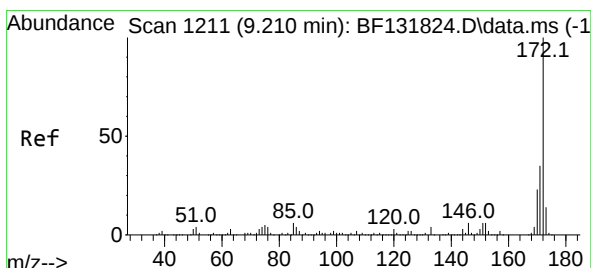
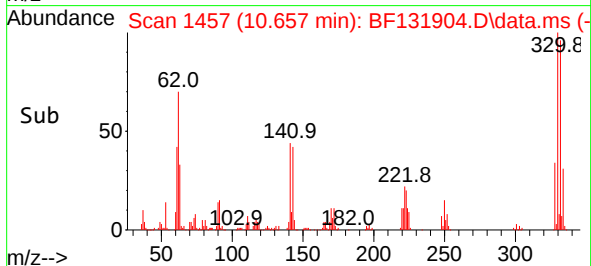
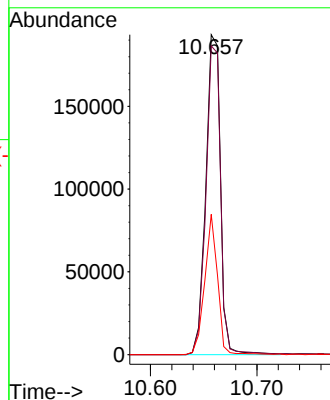
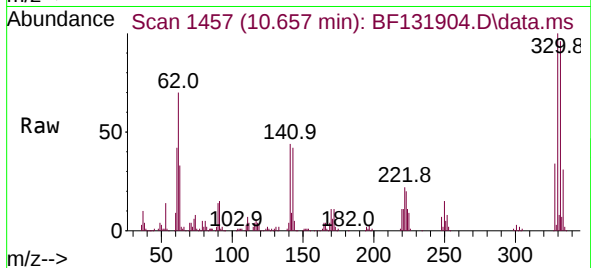
Tgt Ion:330 Resp: 184759

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.4

141 38.3 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 78.177 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF131904.D

Acq: 04 Jan 2023 18:00

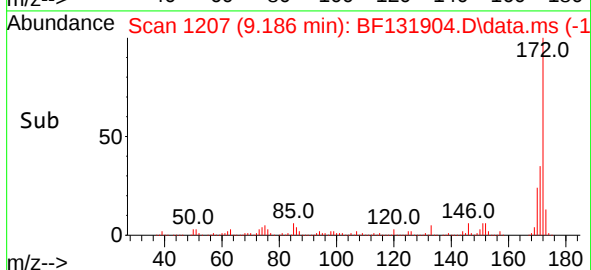
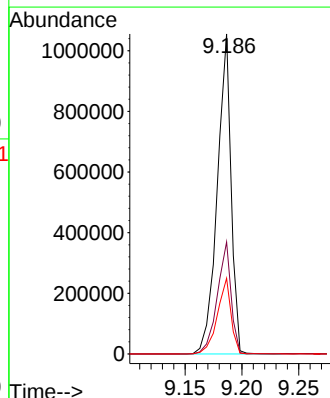
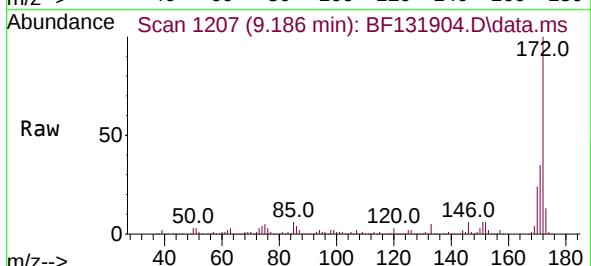
Tgt Ion:172 Resp: 892131

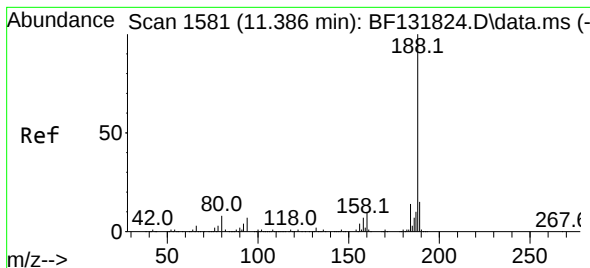
Ion Ratio Lower Upper

172 100

171 35.0 27.9 41.9

170 23.6 18.7 28.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131904.D

Acq: 04 Jan 2023 18:00

Instrument :

BNA_F

ClientSampleId :

TP-1S

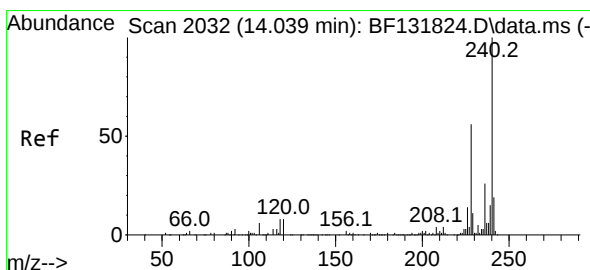
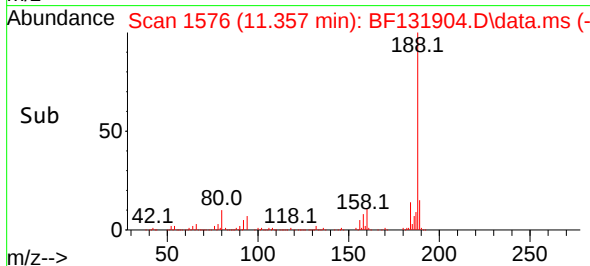
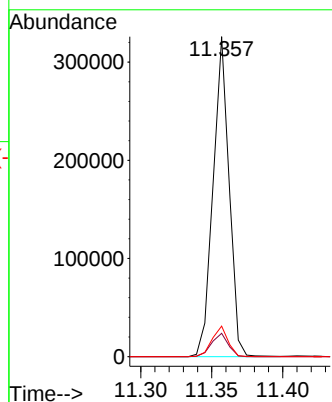
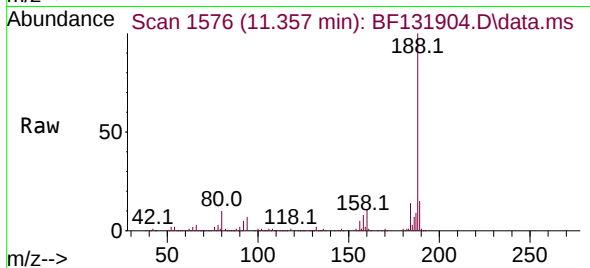
Tgt Ion:188 Resp: 254996

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

80 9.5 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: BF131904.D

Acq: 04 Jan 2023 18:00

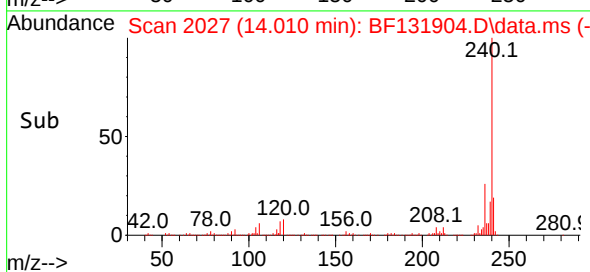
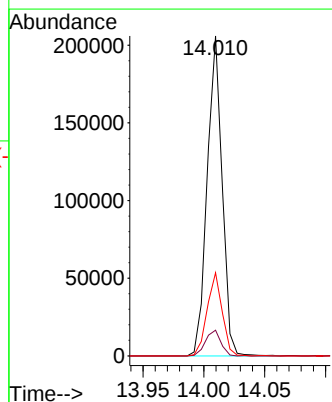
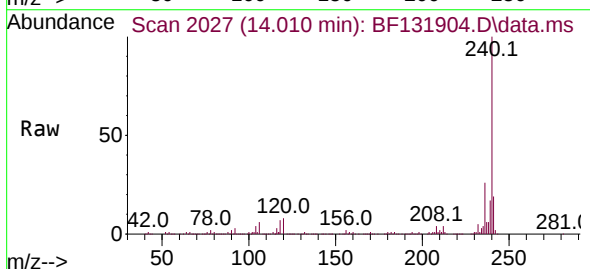
Tgt Ion:240 Resp: 176140

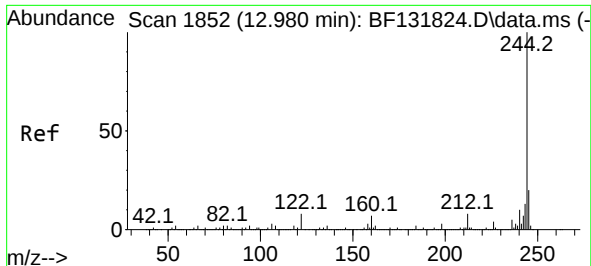
Ion Ratio Lower Upper

240 100

120 8.0 6.7 10.1

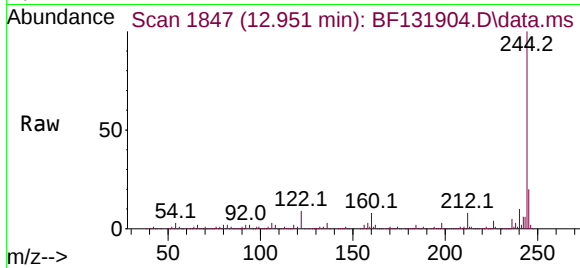
236 26.0 20.6 31.0



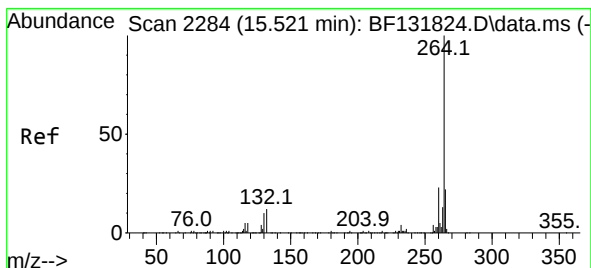
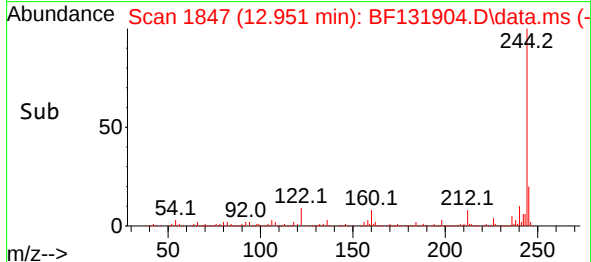
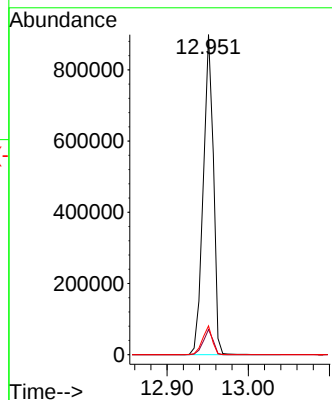


#79
 Terphenyl-d14
 Concen: 74.641 ng
 RT: 12.951 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF131904.D
 Acq: 04 Jan 2023 18:00

Instrument :
 BNA_F
 ClientSampleId :
 TP-1S



Tgt Ion:244 Resp: 777248
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 9.0 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF131904.D
 Acq: 04 Jan 2023 18:00

Tgt Ion:264 Resp: 195341
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 20.6 17.4 26.0

