

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010423\
 Data File : BF131909.D
 Acq On : 04 Jan 2023 20:49
 Operator : CG\JU
 Sample : N6248-13
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-20

Quant Time: Jan 05 05:46:07 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	66375	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	238675	20.000	ng	-0.01
39) Acenaphthene-d10	9.863	164	132649	20.000	ng	-0.01
64) Phenanthrene-d10	11.357	188	223121	20.000	ng	0.00
76) Chrysene-d12	14.010	240	145433	20.000	ng	0.00
86) Perylene-d12	15.486	264	163100	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	616614	153.953	ng	0.02
7) Phenol-d6	6.451	99	724878	137.755	ng	0.00
23) Nitrobenzene-d5	7.387	82	584019	97.695	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	222894	154.655	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	1023797	105.717	ng	0.00
79) Terphenyl-d14	12.951	244	920900	107.109	ng	0.00

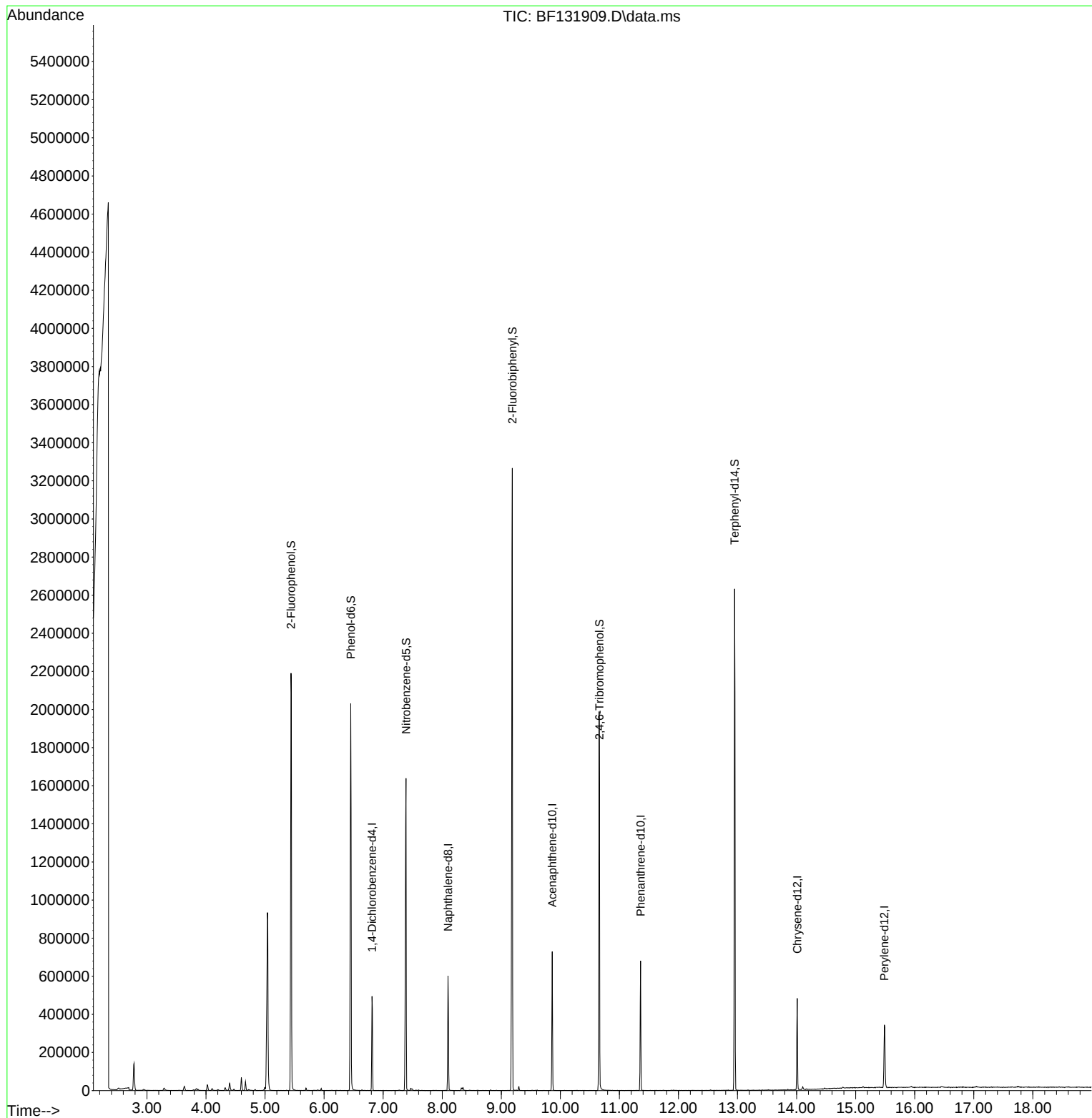
Target Compounds	Qvalue

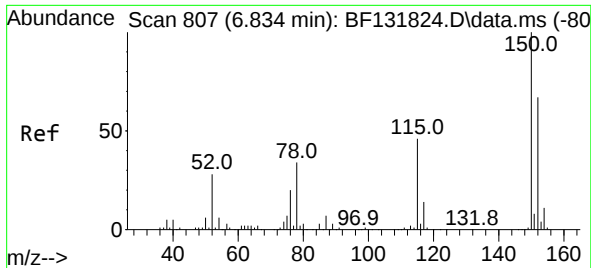
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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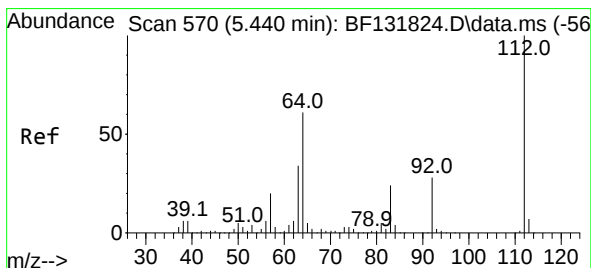
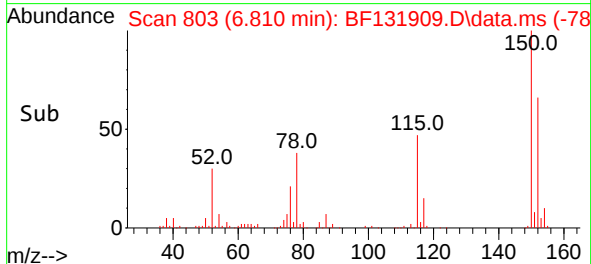
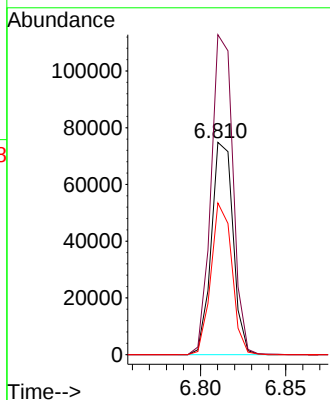
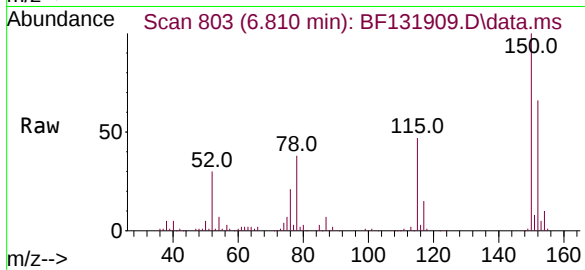




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.810 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

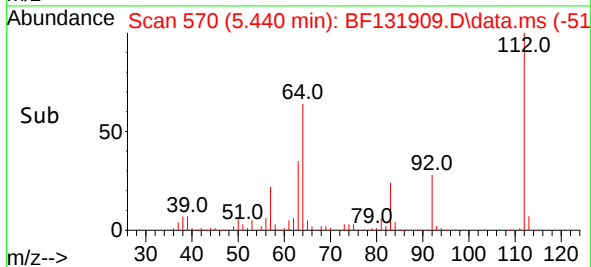
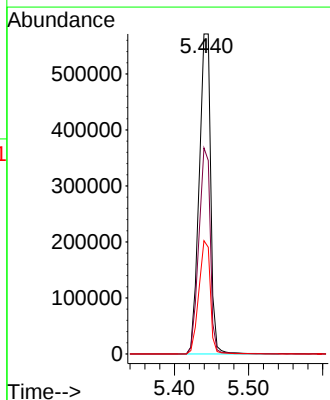
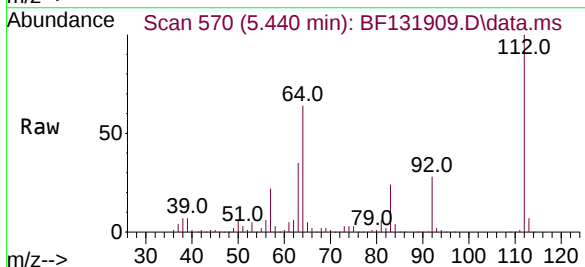
Instrument :
BNA_F
ClientSampleId :
TP-20

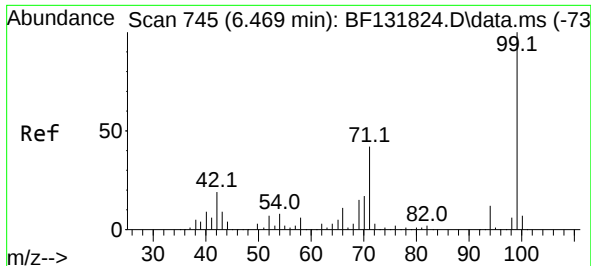
Tgt Ion:152 Resp: 66375
Ion Ratio Lower Upper
152 100
150 150.7 120.0 180.0
115 71.4 55.1 82.7



#5
2-Fluorophenol
Concen: 153.953 ng
RT: 5.440 min Scan# 570
Delta R.T. 0.018 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

Tgt Ion:112 Resp: 616614
Ion Ratio Lower Upper
112 100
64 64.4 49.2 73.8
63 35.4 27.5 41.3

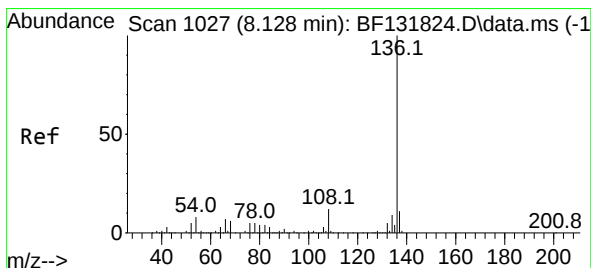
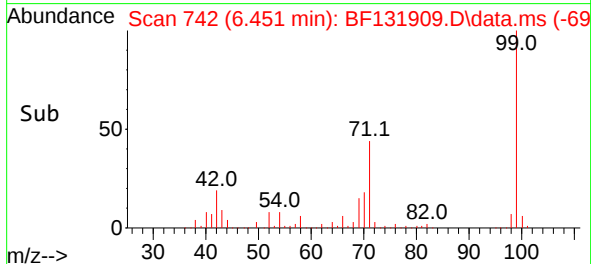
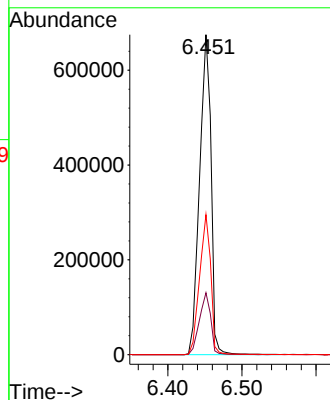
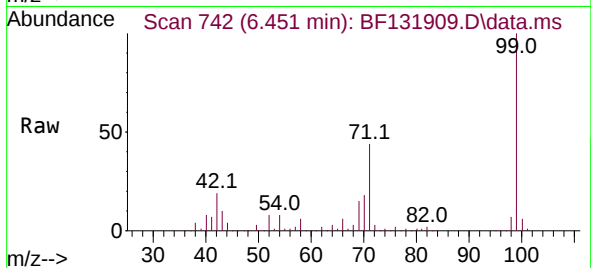




#7
Phenol-d6
Concen: 137.755 ng
RT: 6.451 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

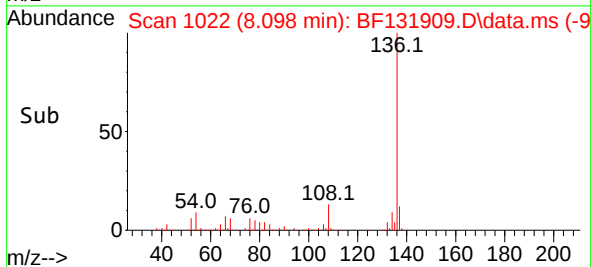
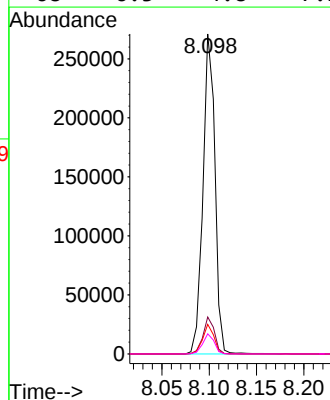
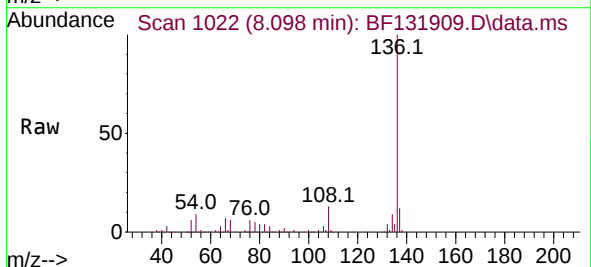
Instrument :
BNA_F
ClientSampleId :
TP-20

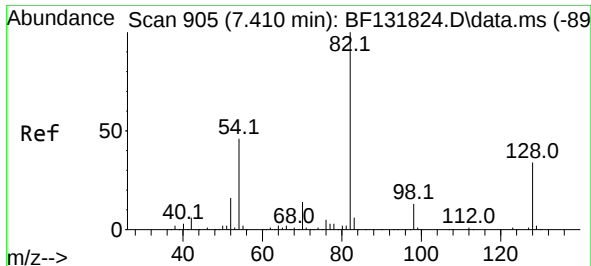
Tgt Ion: 99 Resp: 724878
Ion Ratio Lower Upper
99 100
42 19.3 15.3 22.9
71 43.7 33.5 50.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

Tgt Ion: 136 Resp: 238675
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 9.2 6.7 10.1
68 6.3 4.8 7.2





#23

Nitrobenzene-d5

Concen: 97.695 ng

RT: 7.387 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131909.D

Acq: 04 Jan 2023 20:49

Instrument :

BNA_F

ClientSampleId :

TP-20

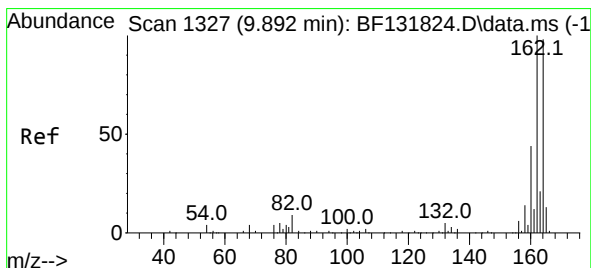
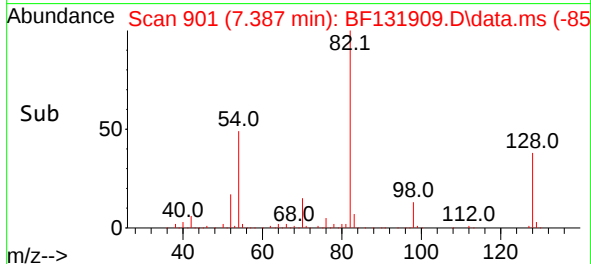
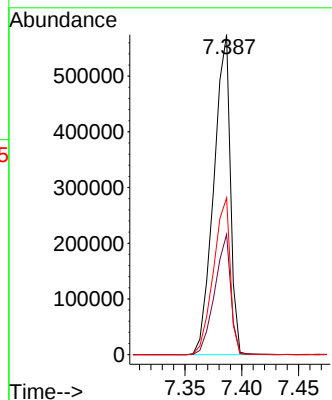
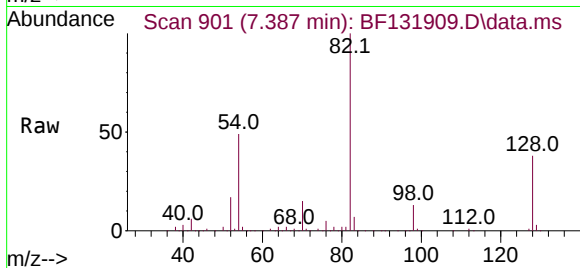
Tgt Ion: 82 Resp: 584019

Ion Ratio Lower Upper

82 100

128 37.6 27.1 40.7

54 49.0 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: BF131909.D

Acq: 04 Jan 2023 20:49

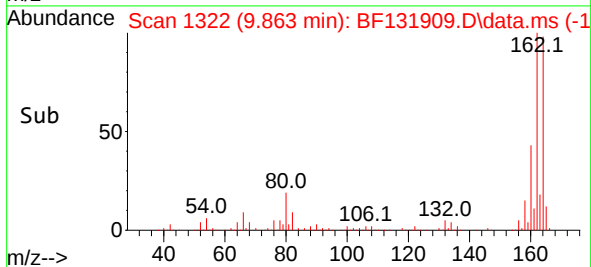
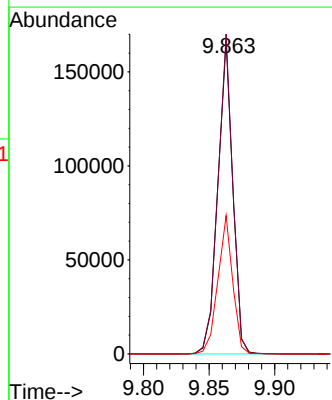
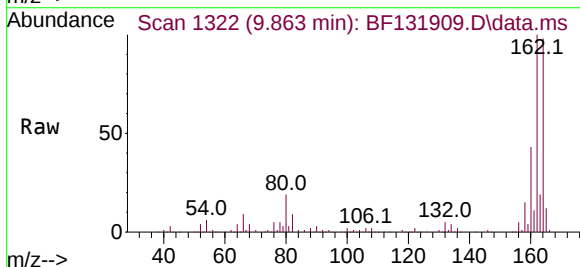
Tgt Ion:164 Resp: 132649

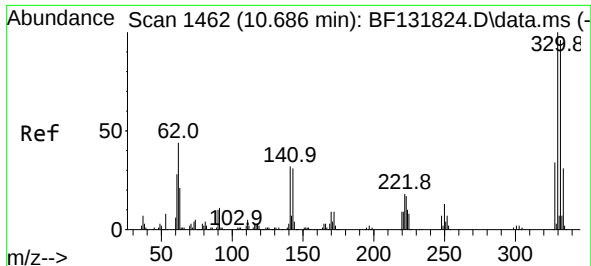
Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.6

160 44.2 35.7 53.5

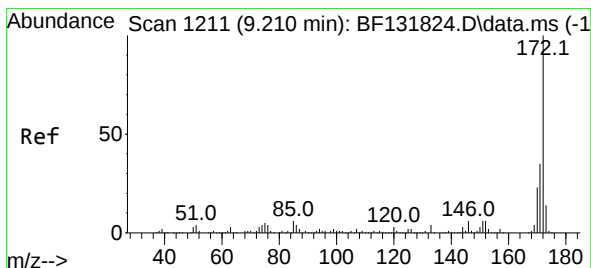
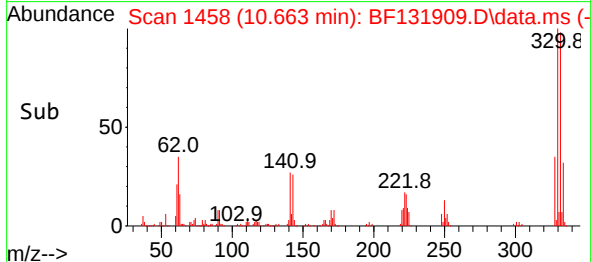
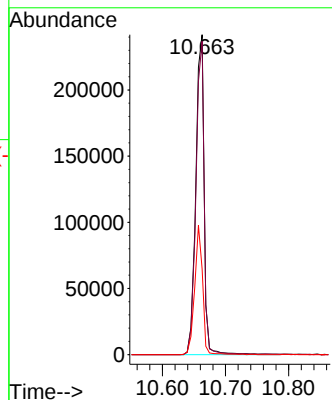
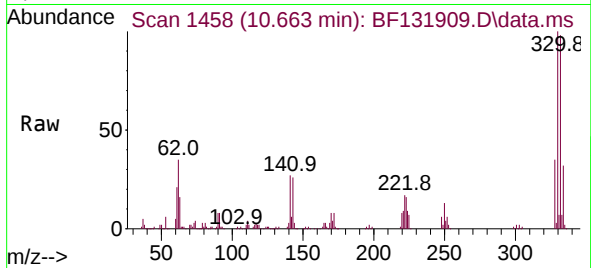




#42
2,4,6-Tribromophenol
Concen: 154.655 ng
RT: 10.663 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

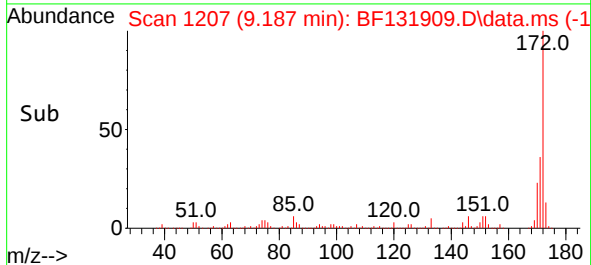
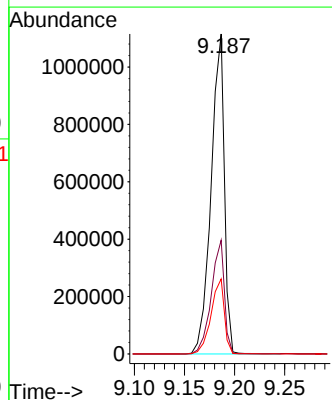
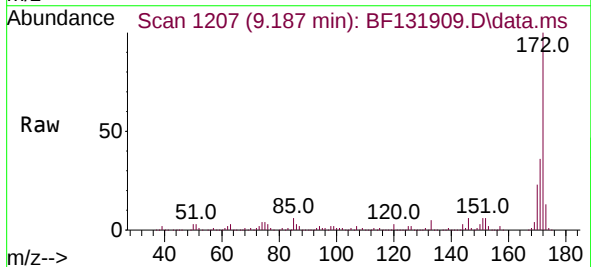
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TP-20

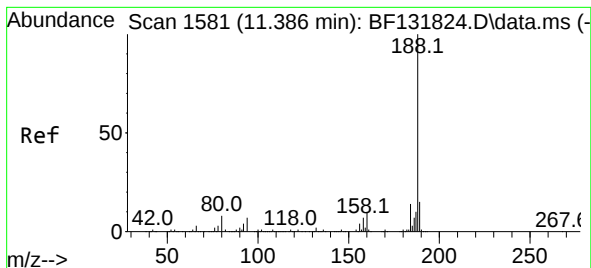
Tgt Ion:330 Resp: 222894
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 38.1 31.0 46.4



#45
2-Fluorobiphenyl
Concen: 105.717 ng
RT: 9.187 min Scan# 1207
Delta R.T. -0.006 min
Lab File: BF131909.D
Acq: 04 Jan 2023 20:49

Tgt Ion:172 Resp: 1023797
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.5 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: BF131909.D

Acq: 04 Jan 2023 20:49

Instrument :

BNA_F

ClientSampleId :

TP-20

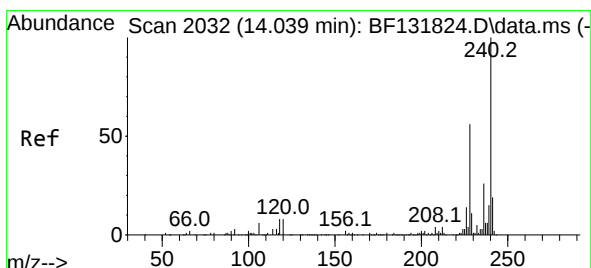
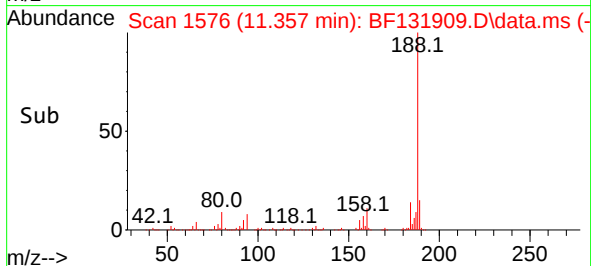
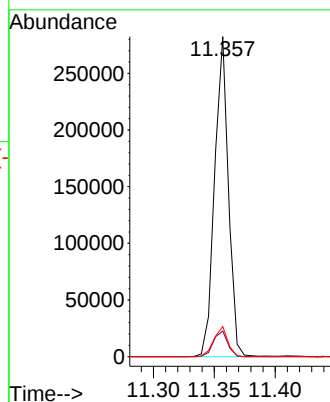
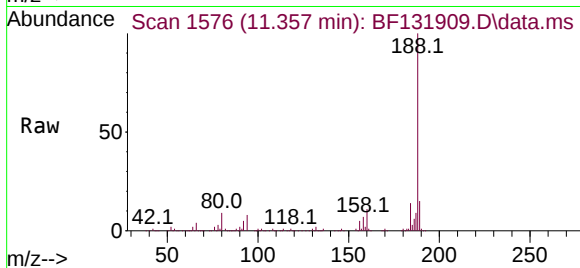
Tgt Ion:188 Resp: 223121

Ion Ratio Lower Upper

188 100

94 8.0 5.8 8.6

80 9.4 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: BF131909.D

Acq: 04 Jan 2023 20:49

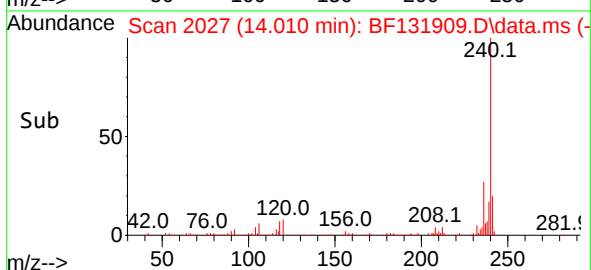
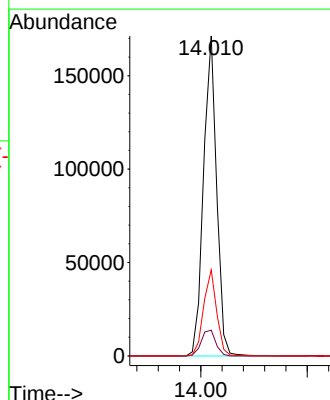
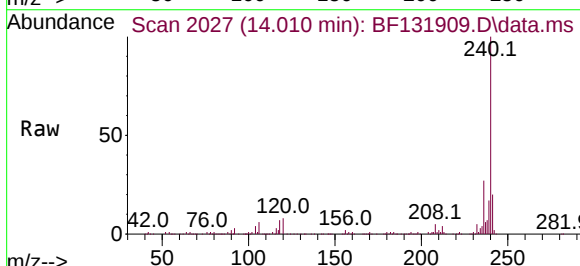
Tgt Ion:240 Resp: 145433

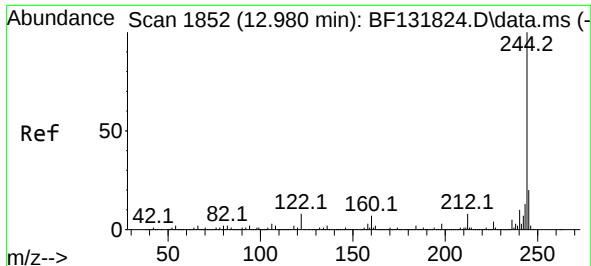
Ion Ratio Lower Upper

240 100

120 8.0 6.7 10.1

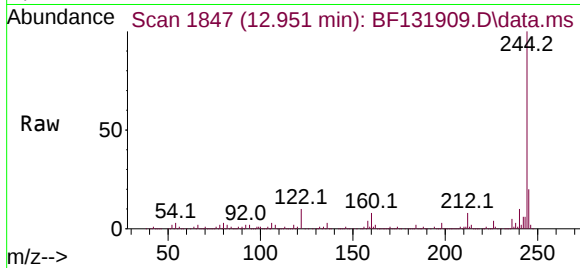
236 26.9 20.6 31.0



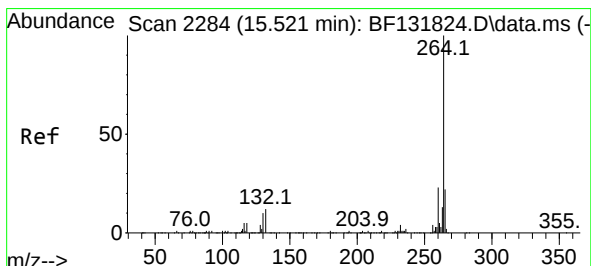
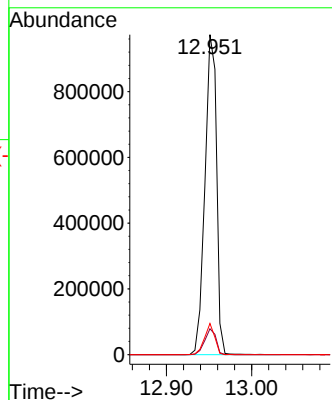
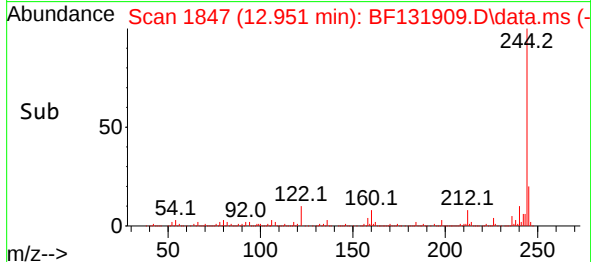


#79
 Terphenyl-d14
 Concen: 107.109 ng
 RT: 12.951 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF131909.D
 Acq: 04 Jan 2023 20:49

Instrument :
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 ClientSampleId :
 TP-20



Tgt Ion:244 Resp: 920900
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.3 9.5
 122 9.7 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: BF131909.D
 Acq: 04 Jan 2023 20:49

Tgt Ion:264 Resp: 163100
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.6 28.0
 265 20.5 17.4 26.0

