

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010523\
 Data File : BF131920.D
 Acq On : 05 Jan 2023 17:56
 Operator : CG\JU
 Sample : N6244-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PE-12

Quant Time: Jan 06 03:12:25 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 03:02:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	64842	20.000	ng	0.00
21) Naphthalene-d8	8.092	136	243660	20.000	ng	0.00
39) Acenaphthene-d10	9.851	164	141350	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	270025	20.000	ng	0.00
76) Chrysene-d12	13.998	240	138409	20.000	ng	-0.01
86) Perylene-d12	15.480	264	127280	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	375098	95.867	ng	0.00
7) Phenol-d6	6.434	99	490932	95.502	ng	0.00
23) Nitrobenzene-d5	7.369	82	349439	57.258	ng	-0.01
42) 2,4,6-Tribromophenol	10.645	330	137130	89.291	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	592291	57.395	ng	0.00
79) Terphenyl-d14	12.945	244	612659	74.874	ng	0.00

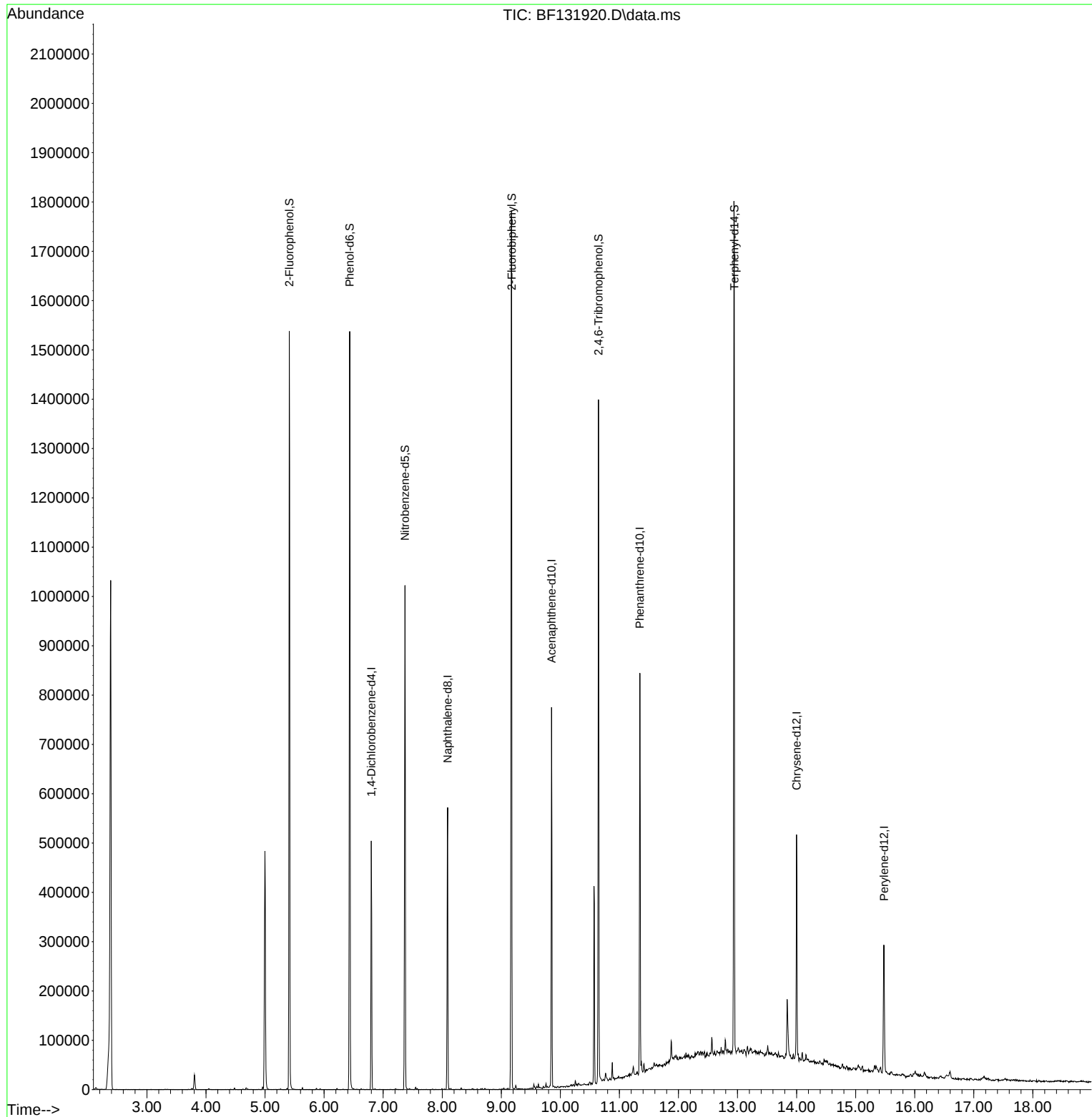
Target Compounds	Qvalue

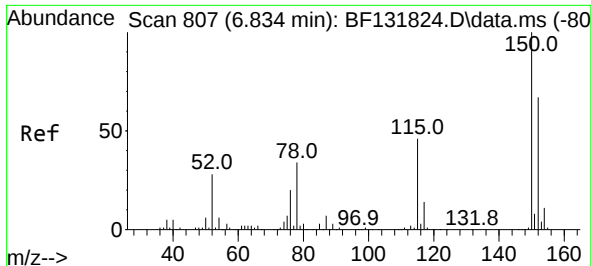
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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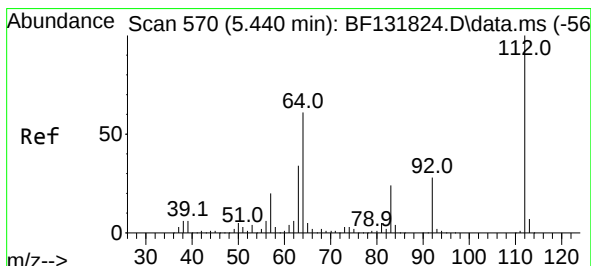
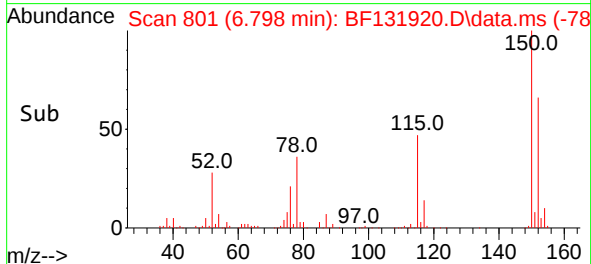
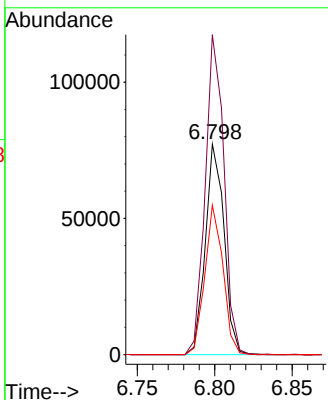
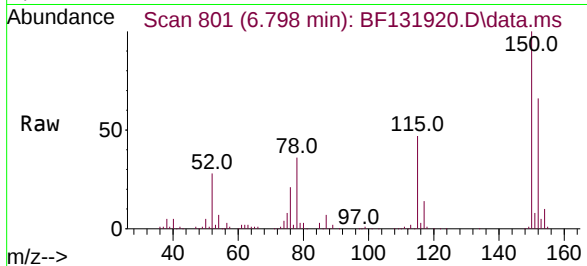




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

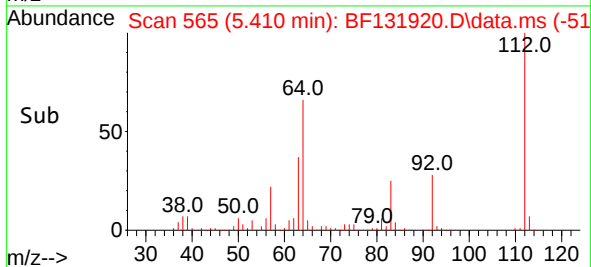
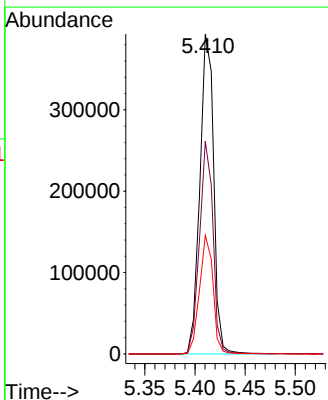
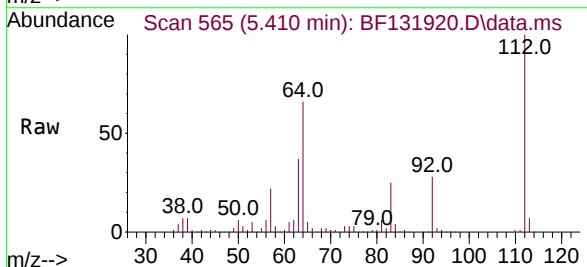
Instrument :
BNA_F
ClientSampleId :
PE-12

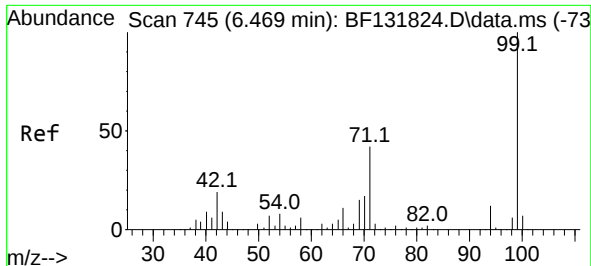
Tgt Ion:152 Resp: 64842
Ion Ratio Lower Upper
152 100
150 152.0 120.0 180.0
115 71.0 55.1 82.7



#5
2-Fluorophenol
Concen: 95.867 ng
RT: 5.410 min Scan# 565
Delta R.T. 0.006 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Tgt Ion:112 Resp: 375098
Ion Ratio Lower Upper
112 100
64 66.5 49.2 73.8
63 37.0 27.5 41.3





#7

Phenol-d6

Concen: 95.502 ng

RT: 6.434 min Scan# 745

Delta R.T. -0.006 min

Lab File: BF131920.D

Acq: 05 Jan 2023 17:56

Instrument :

BNA_F

ClientSampleId :

PE-12

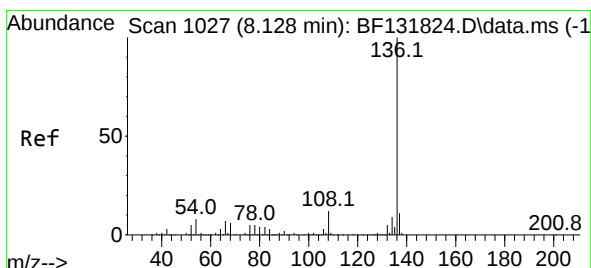
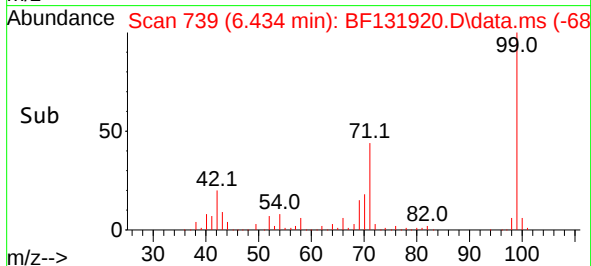
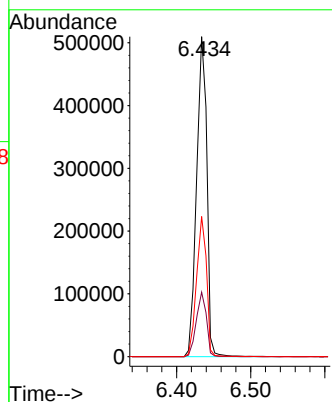
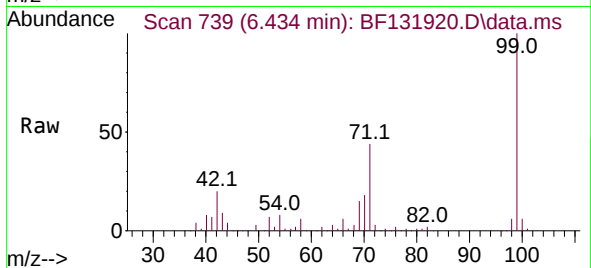
Tgt Ion: 99 Resp: 490932

Ion Ratio Lower Upper

99 100

42 20.1 15.3 22.9

71 43.8 33.5 50.3



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.092 min Scan# 1021

Delta R.T. -0.006 min

Lab File: BF131920.D

Acq: 05 Jan 2023 17:56

Tgt Ion: 136 Resp: 243660

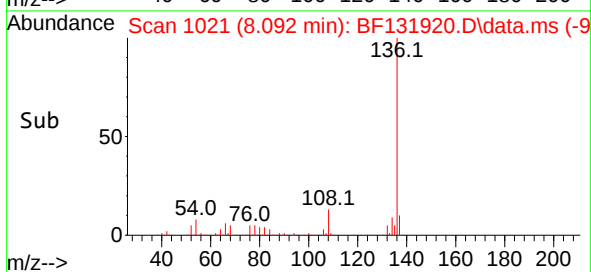
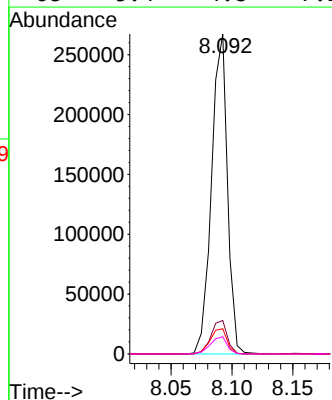
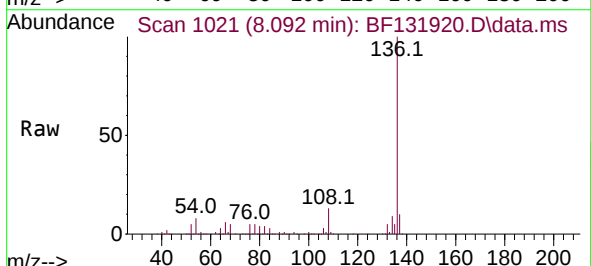
Ion Ratio Lower Upper

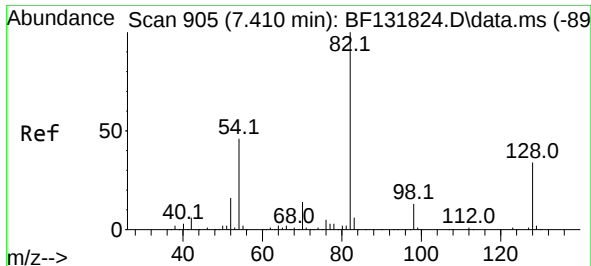
136 100

137 10.5 8.6 12.8

54 7.9 6.7 10.1

68 5.4 4.8 7.2





#23

Nitrobenzene-d5

Concen: 57.258 ng

RT: 7.369 min Scan# 89

Delta R.T. -0.012 min

Lab File: BF131920.D

Acq: 05 Jan 2023 17:56

Instrument :

BNA_F

ClientSampleId :

PE-12

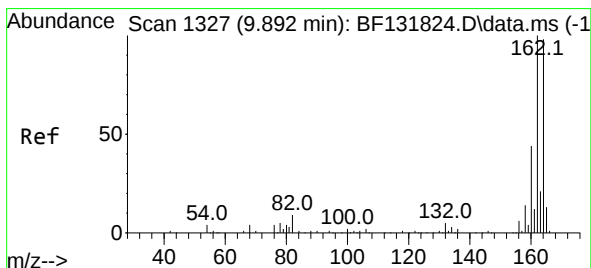
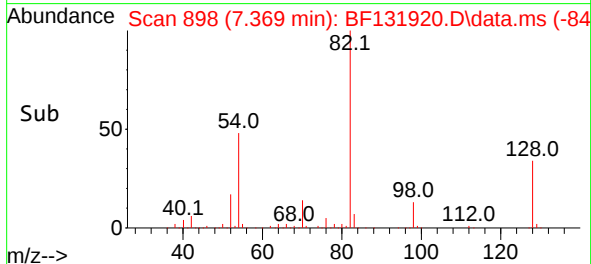
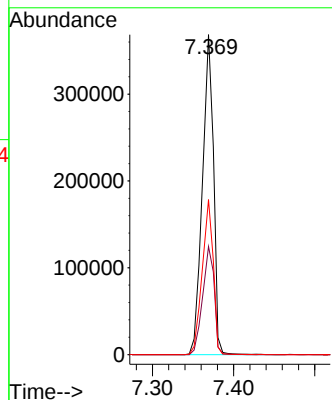
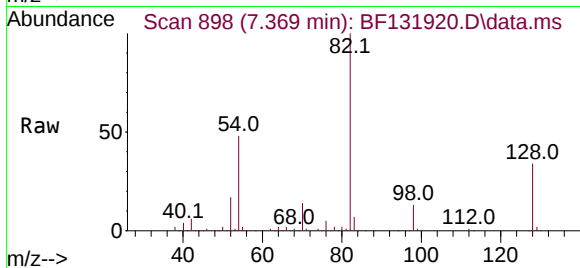
Tgt Ion: 82 Resp: 349439

Ion Ratio Lower Upper

82 100

128 33.8 27.1 40.7

54 48.4 37.0 55.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF131920.D

Acq: 05 Jan 2023 17:56

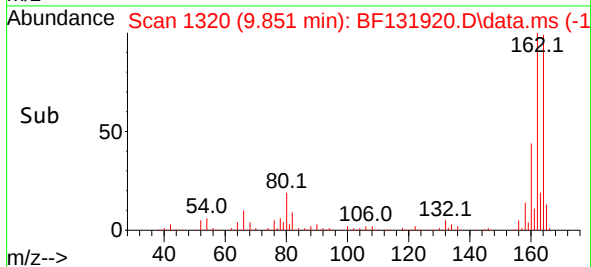
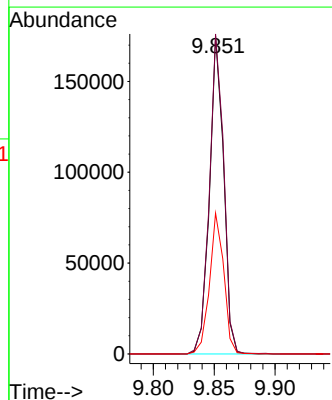
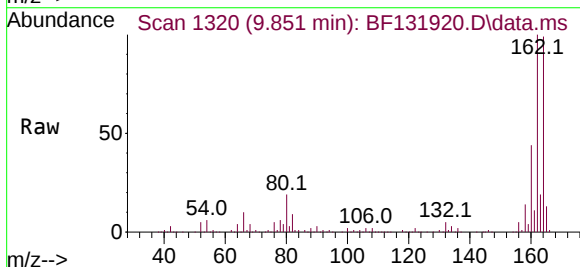
Tgt Ion:164 Resp: 141350

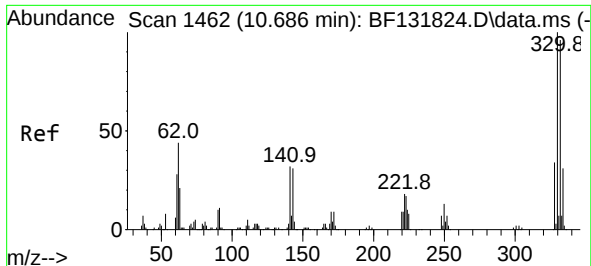
Ion Ratio Lower Upper

164 100

162 100.7 81.8 122.6

160 44.3 35.7 53.5





#42

2,4,6-Tribromophenol

Concen: 89.291 ng

RT: 10.645 min Scan# 1455

Delta R.T. -0.006 min

Lab File: BF131920.D

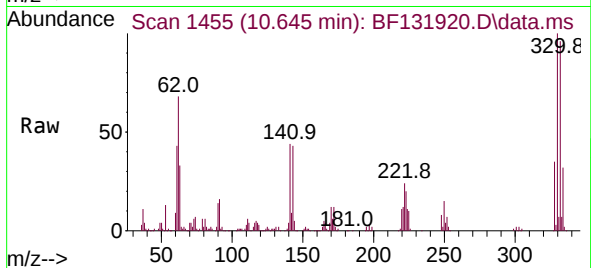
Acq: 05 Jan 2023 17:56

Instrument :

BNA_F

ClientSampleId :

PE-12



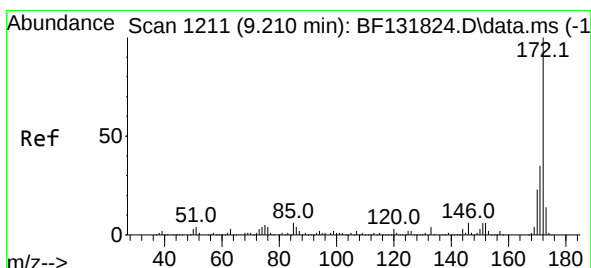
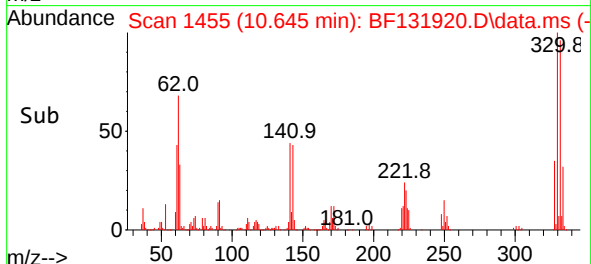
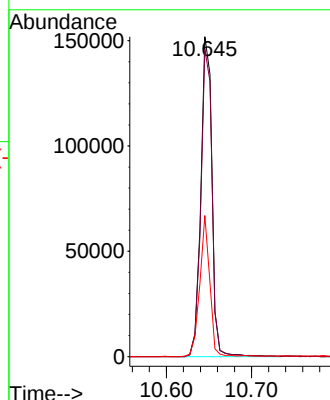
Tgt Ion:330 Resp: 137130

Ion Ratio Lower Upper

330 100

332 96.8 77.0 115.4

141 40.1 31.0 46.4



#45

2-Fluorobiphenyl

Concen: 57.395 ng

RT: 9.175 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF131920.D

Acq: 05 Jan 2023 17:56

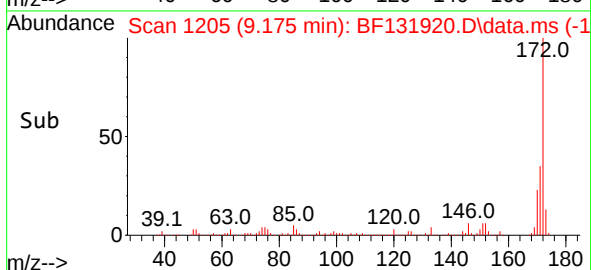
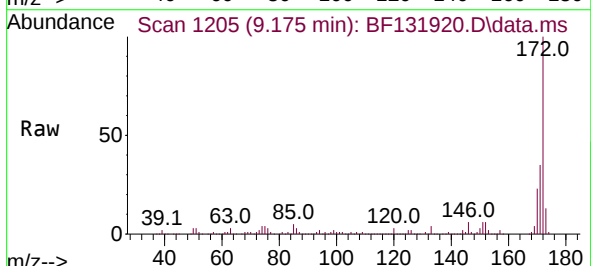
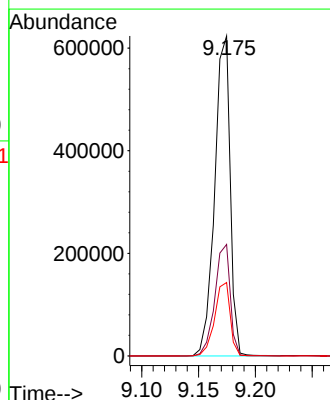
Tgt Ion:172 Resp: 592291

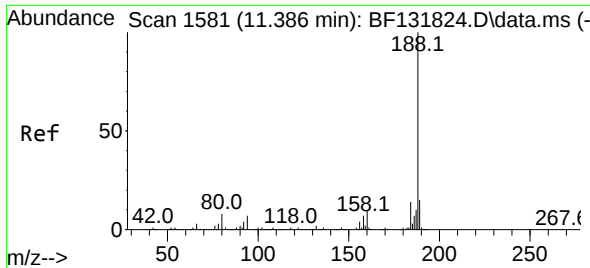
Ion Ratio Lower Upper

172 100

171 34.8 27.9 41.9

170 22.9 18.7 28.1

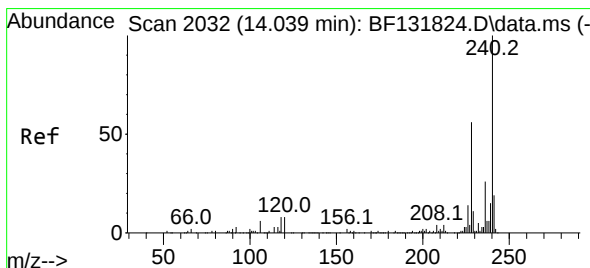
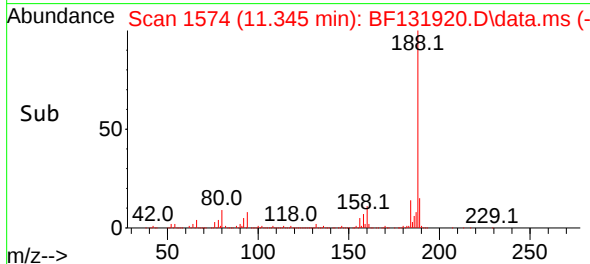
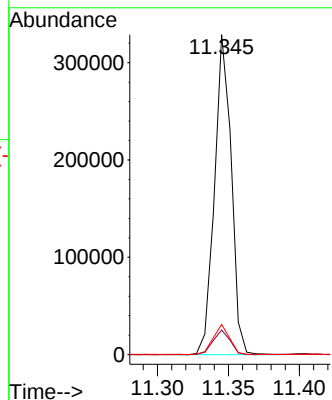
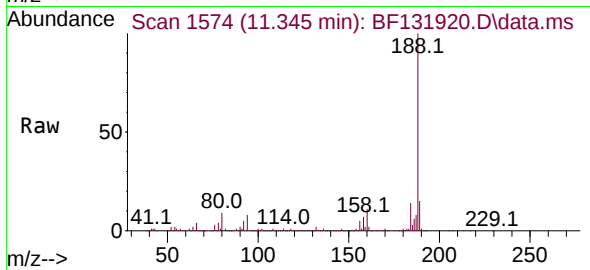




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

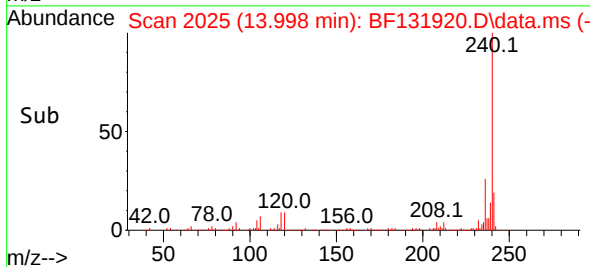
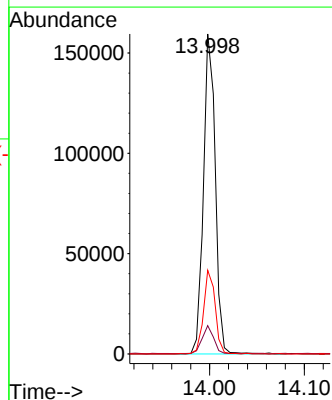
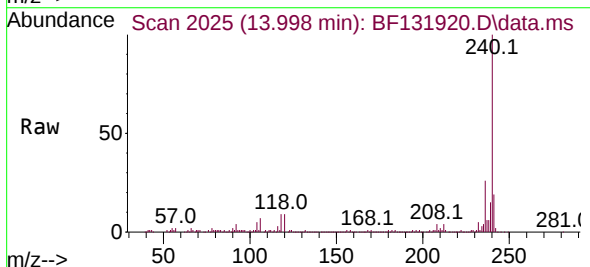
Instrument :
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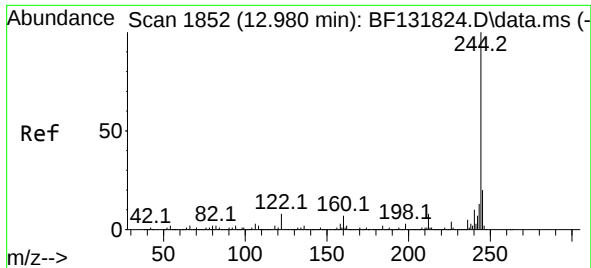
Tgt Ion:188 Resp: 270025
Ion Ratio Lower Upper
188 100
94 7.7 5.8 8.6
80 9.4 6.7 10.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.012 min
Lab File: BF131920.D
Acq: 05 Jan 2023 17:56

Tgt Ion:240 Resp: 138409
Ion Ratio Lower Upper
240 100
120 8.8 6.7 10.1
236 26.1 20.6 31.0

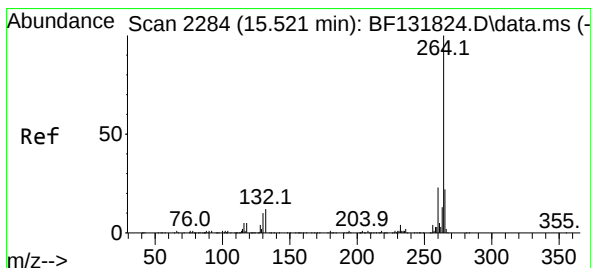
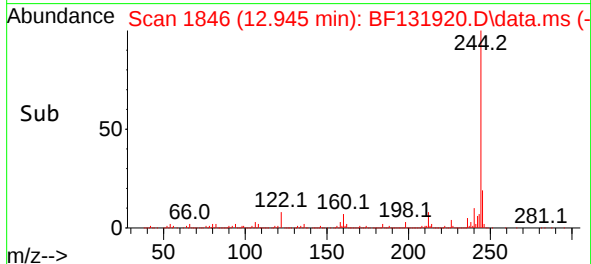
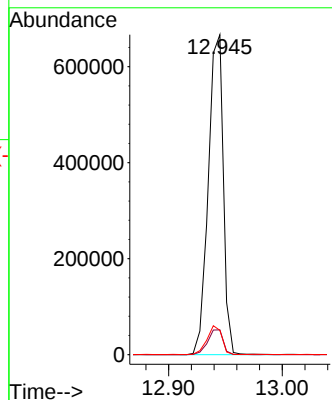
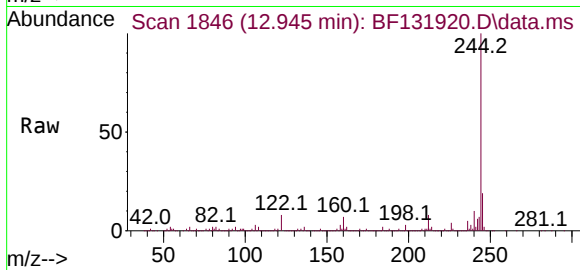




#79
 Terphenyl-d14
 Concen: 74.874 ng
 RT: 12.945 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF131920.D
 Acq: 05 Jan 2023 17:56

Instrument :
 BNA_F
 ClientSampleId :
 PE-12

Tgt Ion:244 Resp: 612659
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.3 9.5
 122 7.6 6.4 9.6



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.480 min Scan# 2277
 Delta R.T. 0.000 min
 Lab File: BF131920.D
 Acq: 05 Jan 2023 17:56

Tgt Ion:264 Resp: 127280
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.6 28.0
 265 20.1 17.4 26.0

