

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131759.D
 Acq On : 21 Dec 2022 22:32
 Operator : CG\JU
 Sample : N6129-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C3

Quant Time: Dec 22 05:51:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 21 03:12:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	84376	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	306208	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	182848	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	369617	20.000	ng	0.00
76) Chrysene-d12	14.057	240	280457	20.000	ng	0.00
86) Perylene-d12	15.557	264	234354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	687787	137.261	ng	0.02
7) Phenol-d6	6.498	99	813030	120.549	ng	0.00
23) Nitrobenzene-d5	7.434	82	699219	92.701	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	316140	157.964	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1225051	93.853	ng	0.00
79) Terphenyl-d14	13.004	244	1661505	92.331	ng	0.00

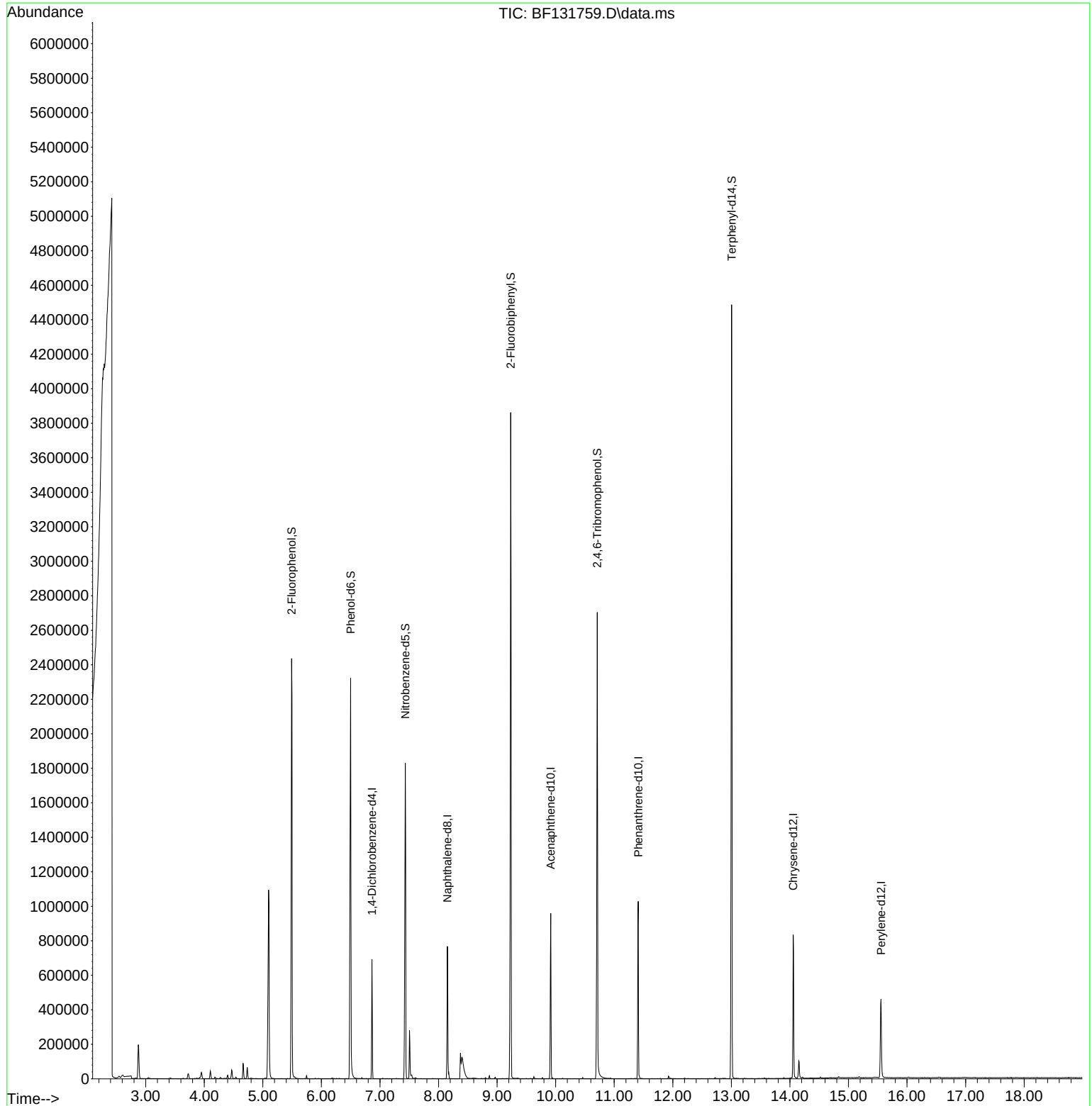
Target Compounds Qvalue

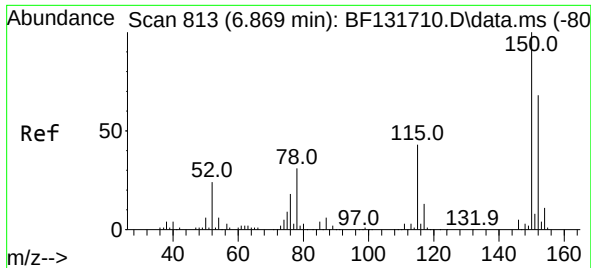
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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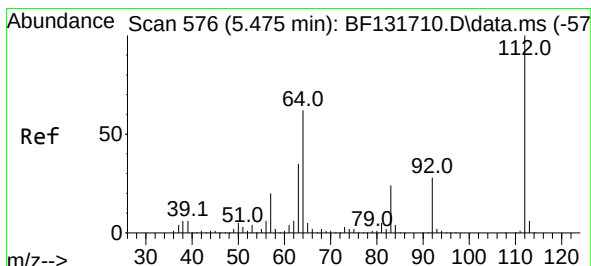
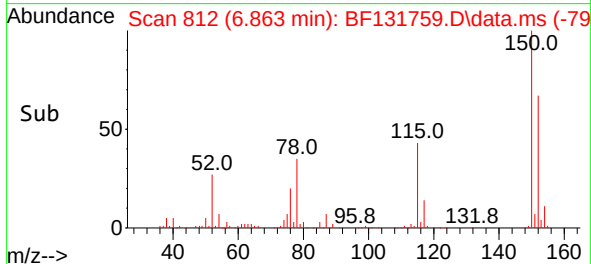
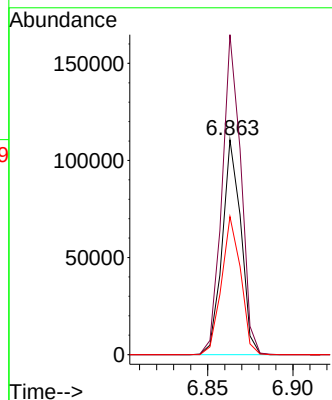
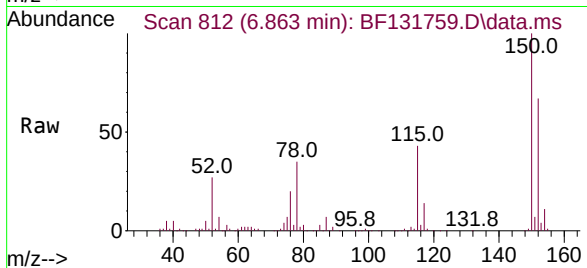




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

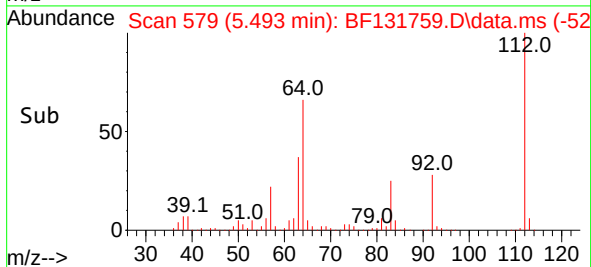
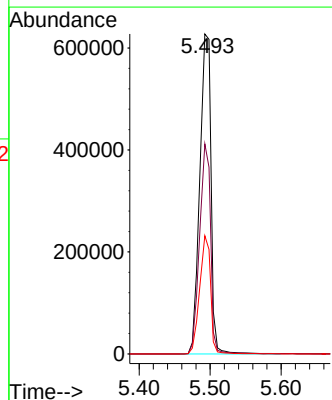
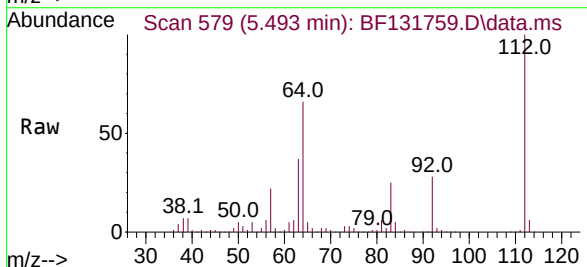
Instrument :
BNA_F
ClientSampleId :
C3

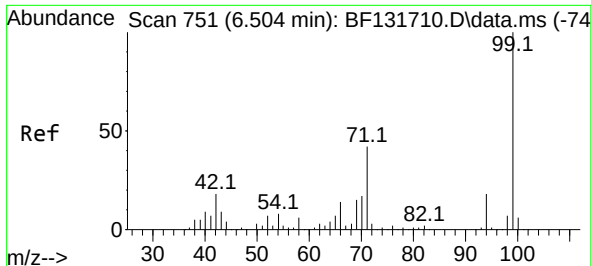
Tgt Ion:152 Resp: 84376
Ion Ratio Lower Upper
152 100
150 148.9 117.4 176.0
115 64.2 50.2 75.4



#5
2-Fluorophenol
Concen: 137.261 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

Tgt Ion:112 Resp: 687787
Ion Ratio Lower Upper
112 100
64 65.7 49.5 74.3
63 36.9 28.2 42.2

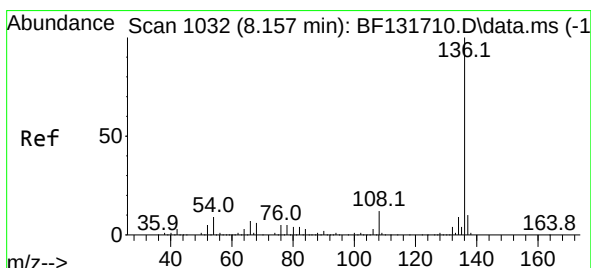
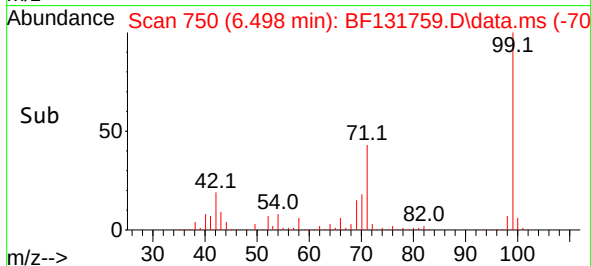
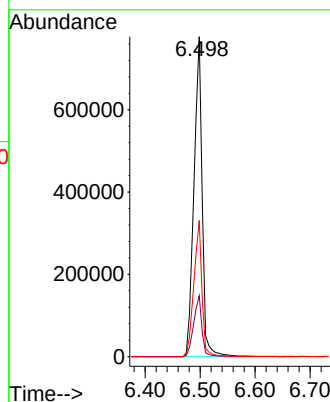
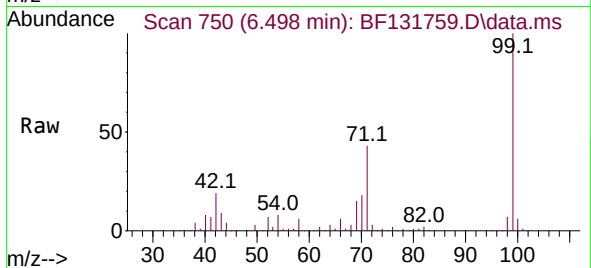




#7
Phenol-d6
Concen: 120.549 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

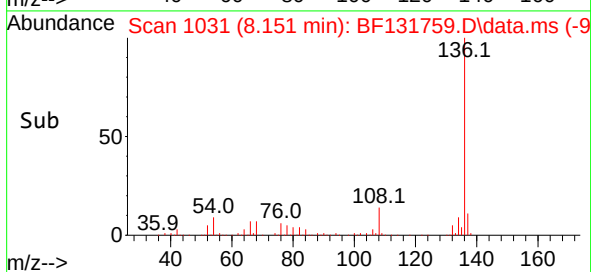
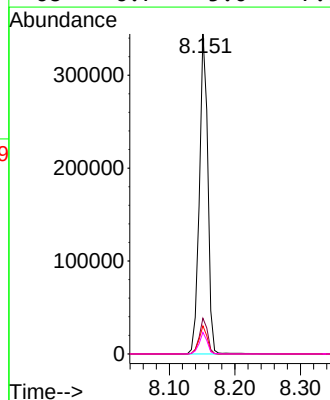
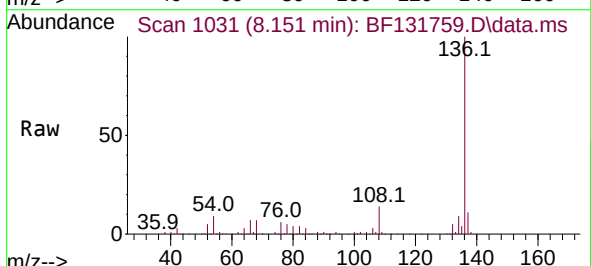
Instrument :
BNA_F
ClientSampleId :
C3

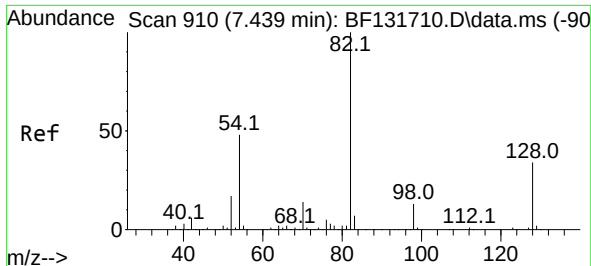
Tgt Ion: 99 Resp: 813030
Ion Ratio Lower Upper
99 100
42 19.0 14.8 22.2
71 42.5 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

Tgt Ion: 136 Resp: 306208
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.8 7.2 10.8
68 6.7 5.0 7.6





#23

Nitrobenzene-d5

Concen: 92.701 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131759.D

Acq: 21 Dec 2022 22:32

Instrument :

BNA_F

ClientSampleId :

C3

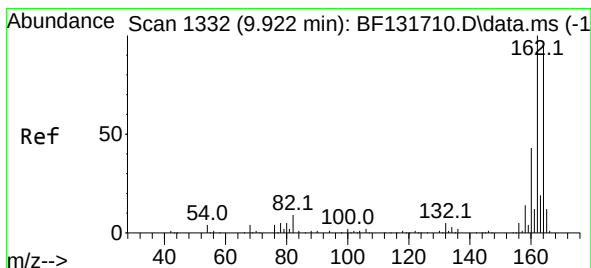
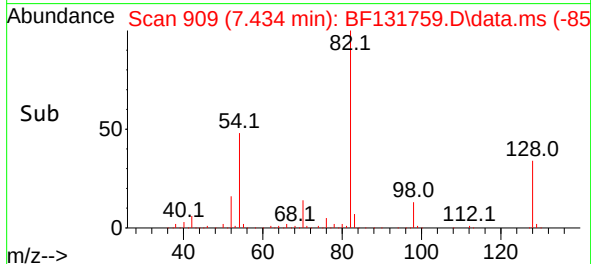
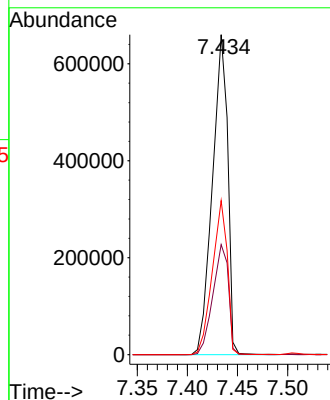
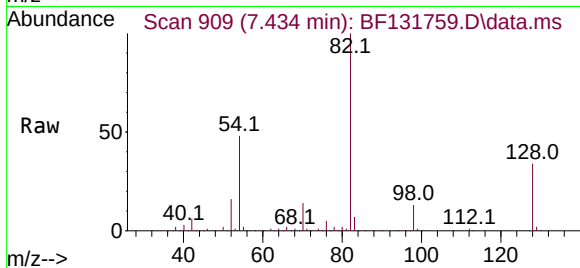
Tgt Ion: 82 Resp: 699219

Ion Ratio Lower Upper

82 100

128 34.4 27.3 40.9

54 48.1 38.2 57.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.916 min Scan# 1331

Delta R.T. -0.006 min

Lab File: BF131759.D

Acq: 21 Dec 2022 22:32

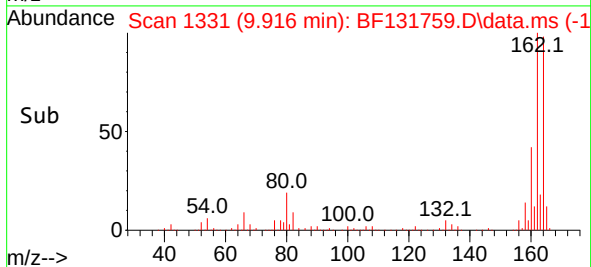
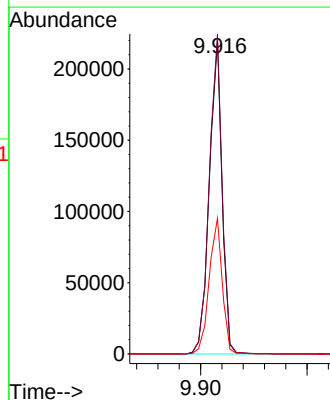
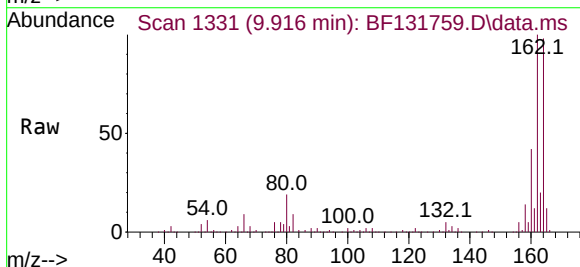
Tgt Ion:164 Resp: 182848

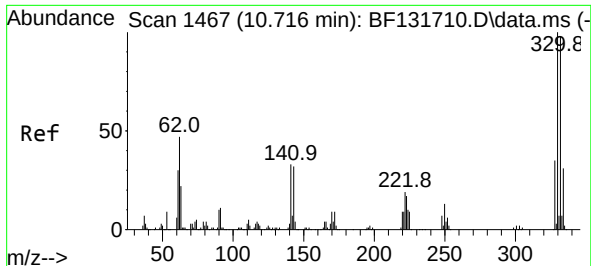
Ion Ratio Lower Upper

164 100

162 102.2 83.7 125.5

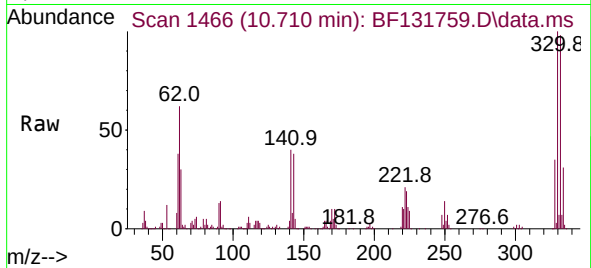
160 43.3 36.2 54.4



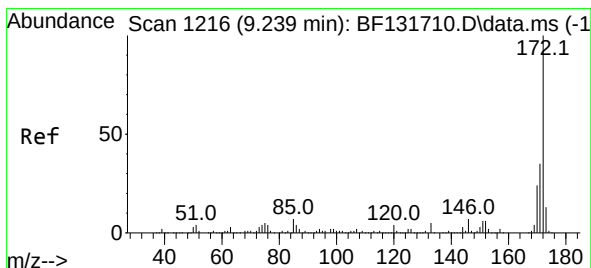
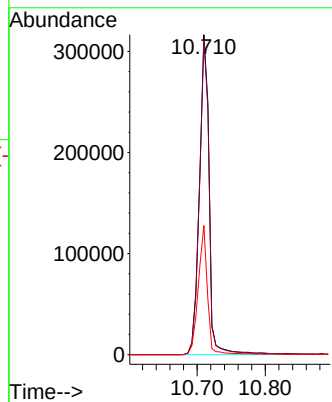
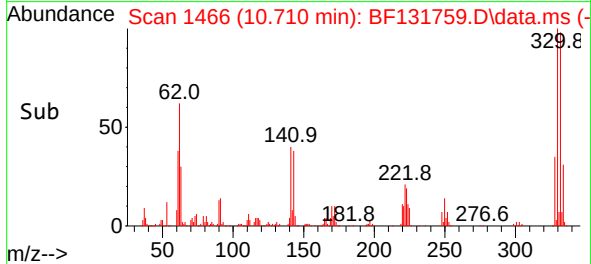


#42
2,4,6-Tribromophenol
Concen: 157.964 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32

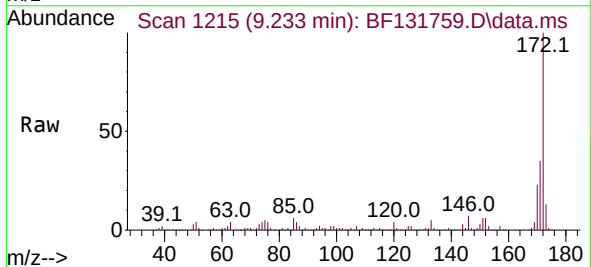
Instrument :
BNA_F
ClientSampleId :
C3



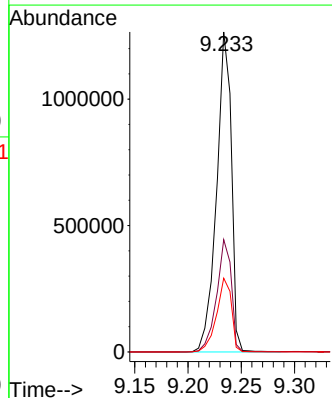
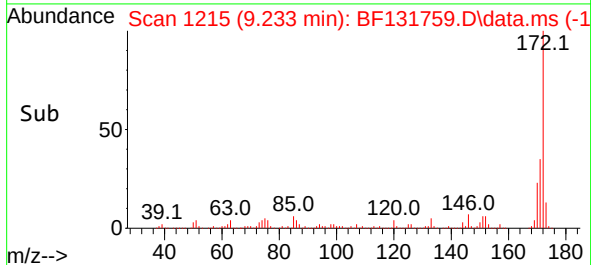
Tgt Ion: 330 Resp: 316140
Ion Ratio Lower Upper
330 100
332 98.4 77.1 115.7
141 38.3 30.4 45.6

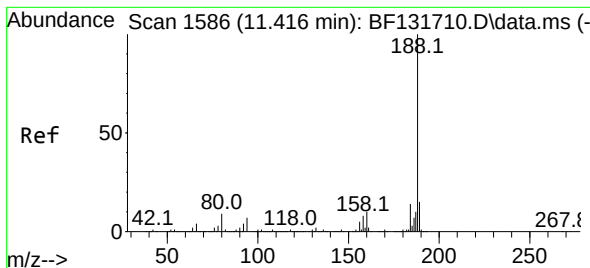


#45
2-Fluorobiphenyl
Concen: 93.853 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131759.D
Acq: 21 Dec 2022 22:32



Tgt Ion: 172 Resp: 1225051
Ion Ratio Lower Upper
172 100
171 35.1 27.9 41.9
170 23.0 19.0 28.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF131759.D

Acq: 21 Dec 2022 22:32

Instrument :

BNA_F

ClientSampleId :

C3

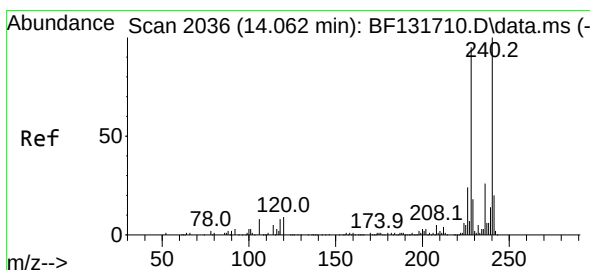
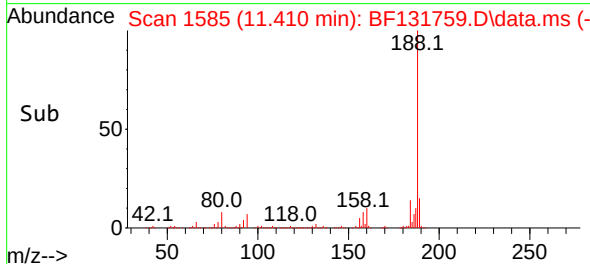
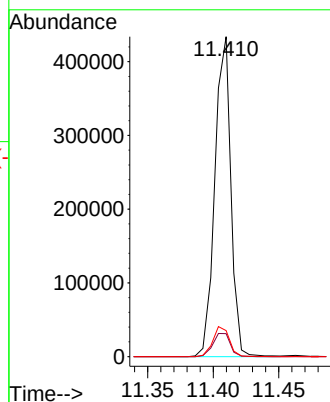
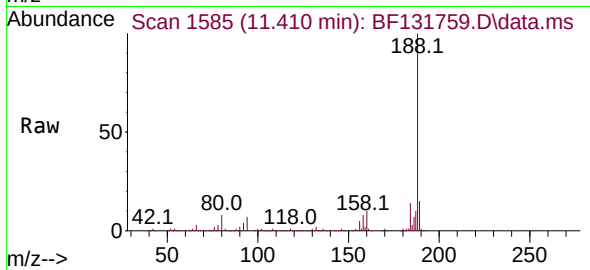
Tgt Ion:188 Resp: 369617

Ion Ratio Lower Upper

188 100

94 7.2 5.9 8.9

80 8.1 7.0 10.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF131759.D

Acq: 21 Dec 2022 22:32

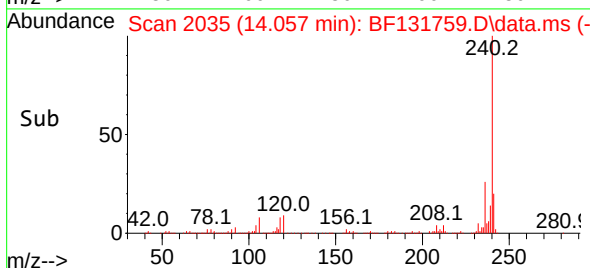
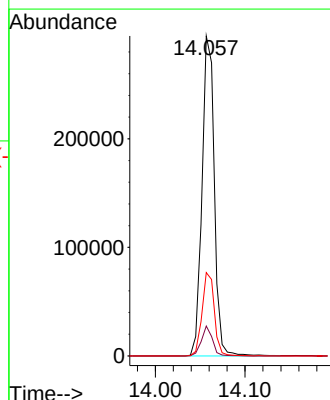
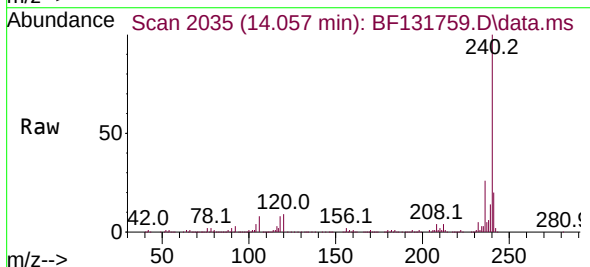
Tgt Ion:240 Resp: 280457

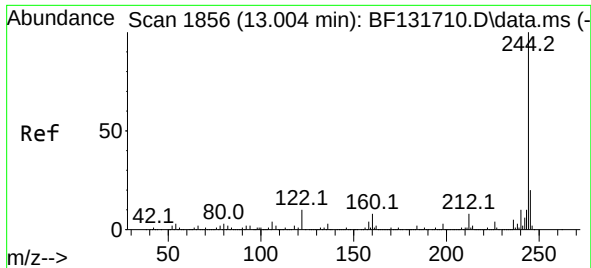
Ion Ratio Lower Upper

240 100

120 9.4 7.6 11.4

236 26.0 21.2 31.8

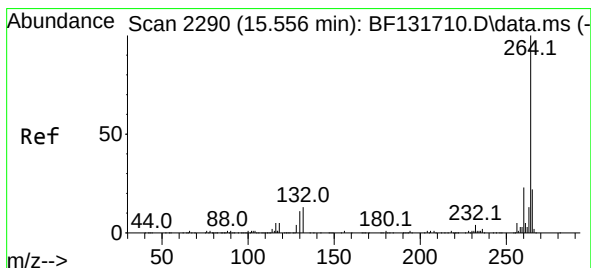
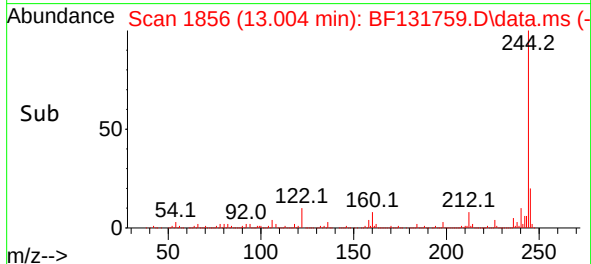
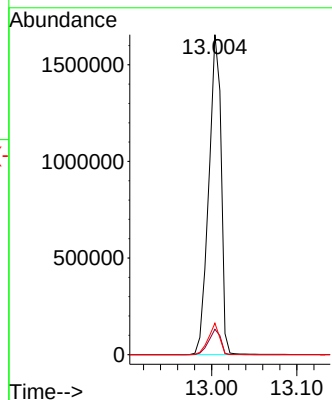
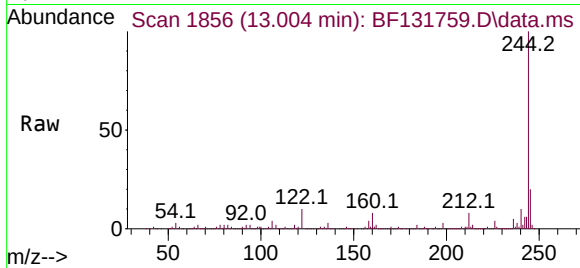




#79
 Terphenyl-d14
 Concen: 92.331 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131759.D
 Acq: 21 Dec 2022 22:32

Instrument :
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Tgt Ion:244 Resp: 1661505
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.5 9.7
 122 9.8 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2290
 Delta R.T. 0.000 min
 Lab File: BF131759.D
 Acq: 21 Dec 2022 22:32

Tgt Ion:264 Resp: 234354
 Ion Ratio Lower Upper
 264 100
 260 24.4 18.6 28.0
 265 21.6 17.4 26.2

