

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131743.D
 Acq On : 21 Dec 2022 13:26
 Operator : CG\JU
 Sample : N6100-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20221215

Quant Time: Dec 22 05:19:42 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	81671	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	295670	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	170674	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	337313	20.000	ng	0.00
76) Chrysene-d12	14.057	240	198656	20.000	ng	0.00
86) Perylene-d12	15.551	264	173094	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	276698	57.049	ng	0.00
7) Phenol-d6	6.487	99	231503	35.462	ng	-0.02
23) Nitrobenzene-d5	7.434	82	694521	95.359	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	267388	143.134	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1214848	99.710	ng	0.00
79) Terphenyl-d14	13.004	244	909643	71.365	ng	0.00

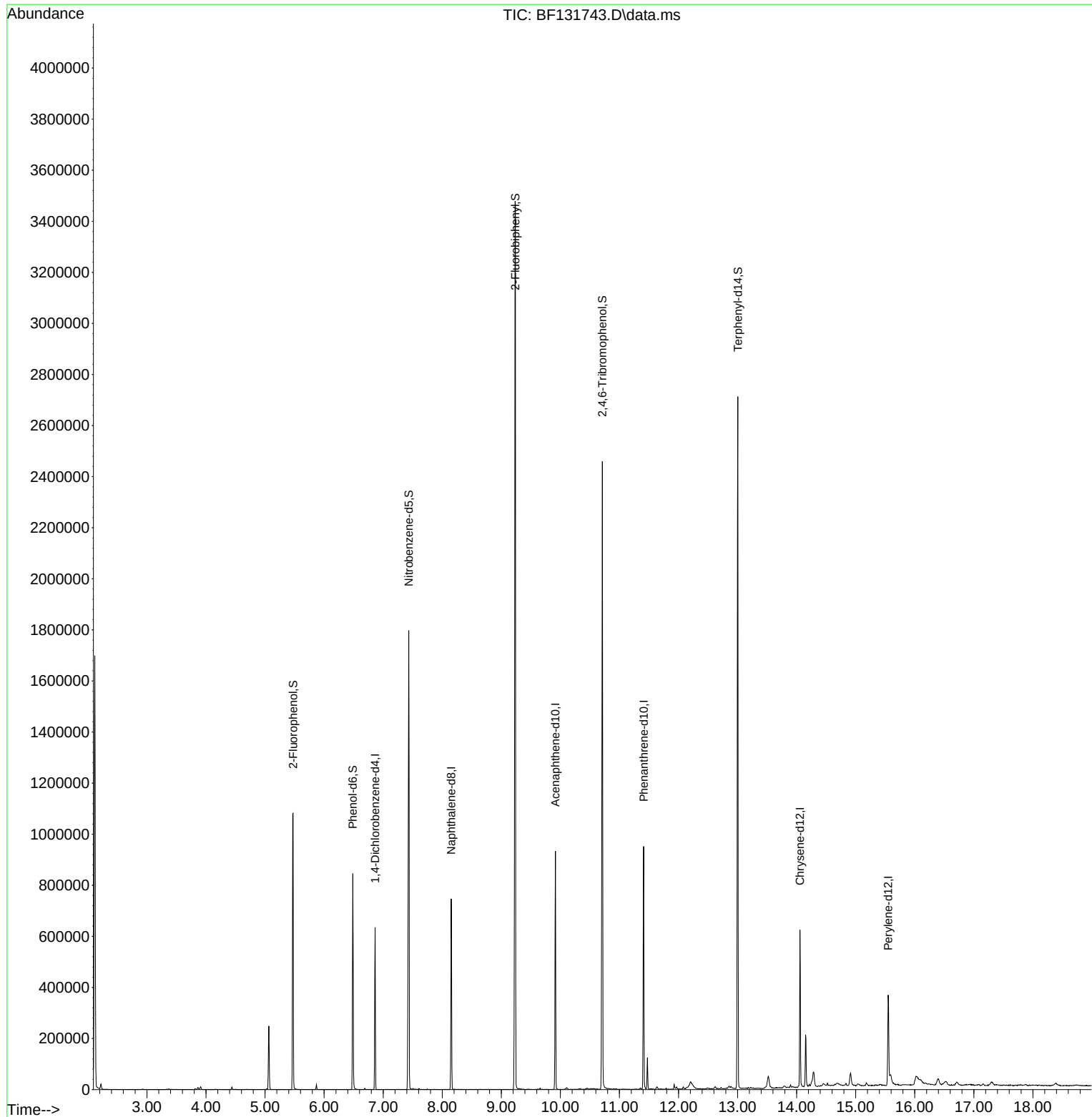
Target Compounds Qvalue

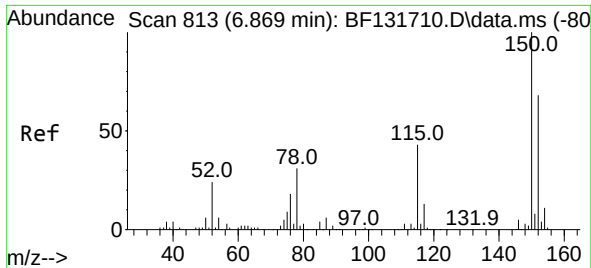
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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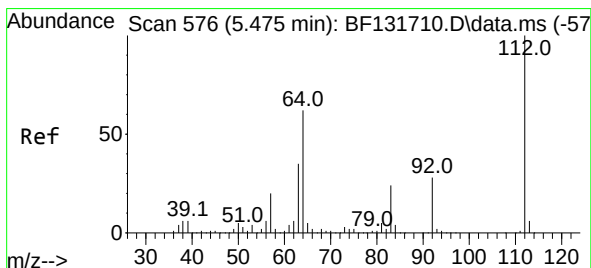
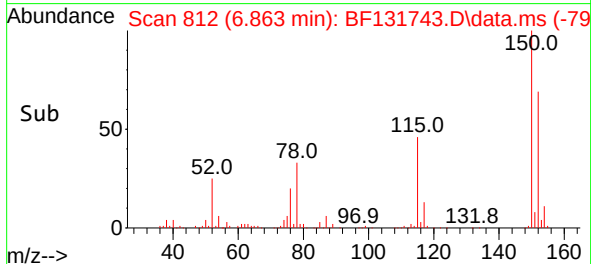
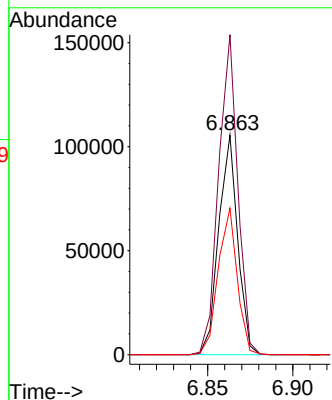
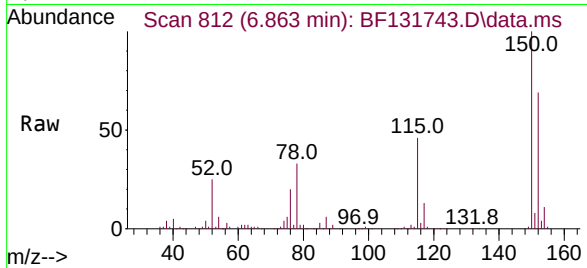




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

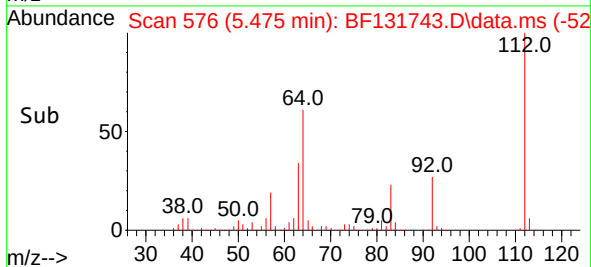
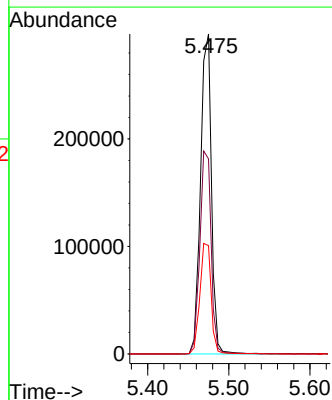
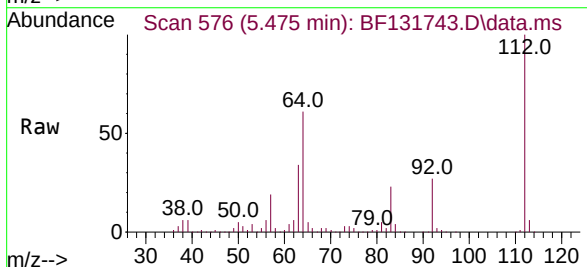
Instrument :
BNA_F
ClientSampleId :
SP-303-20221215

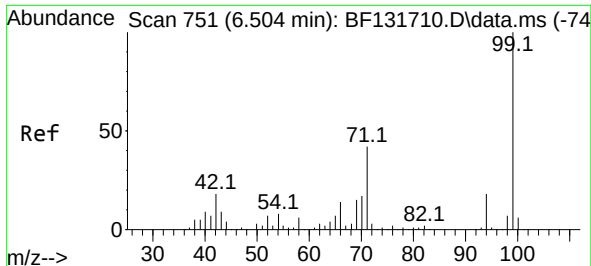
Tgt Ion:152 Resp: 81671
Ion Ratio Lower Upper
152 100
150 145.8 117.4 176.0
115 66.7 50.2 75.4



#5
2-Fluorophenol
Concen: 57.049 ng
RT: 5.475 min Scan# 576
Delta R.T. 0.000 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

Tgt Ion:112 Resp: 276698
Ion Ratio Lower Upper
112 100
64 60.9 49.5 74.3
63 33.8 28.2 42.2

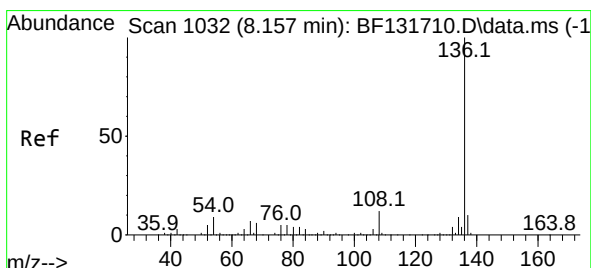
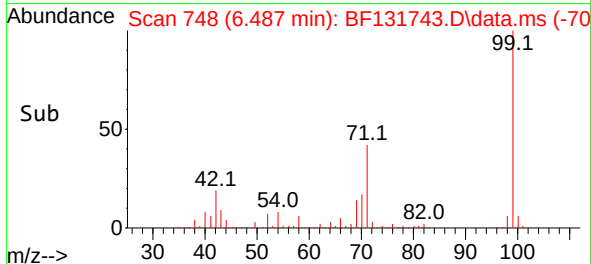
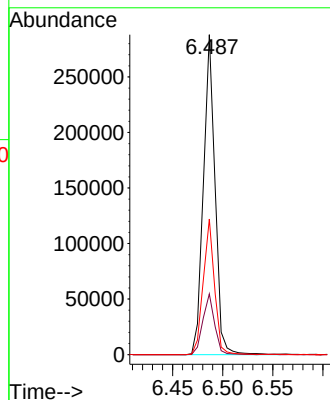
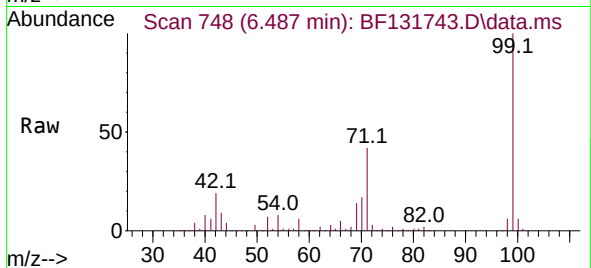




#7
Phenol-d6
Concen: 35.462 ng
RT: 6.487 min Scan# 74
Delta R.T. -0.017 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

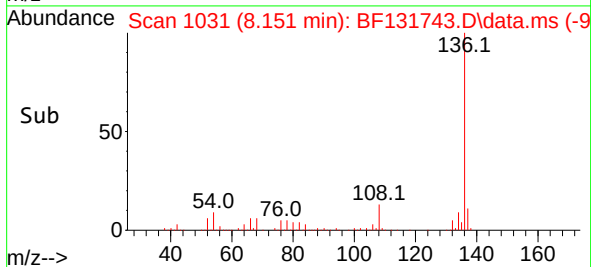
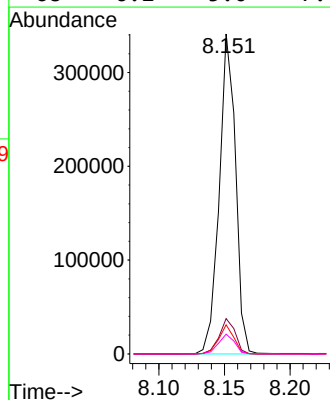
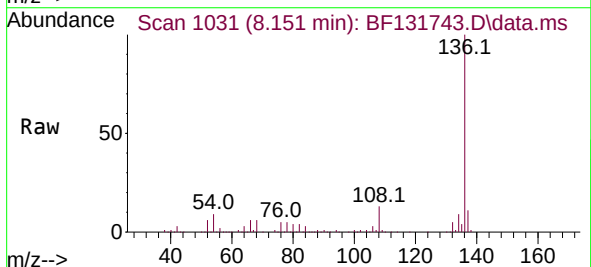
Instrument :
BNA_F
ClientSampleId :
SP-303-20221215

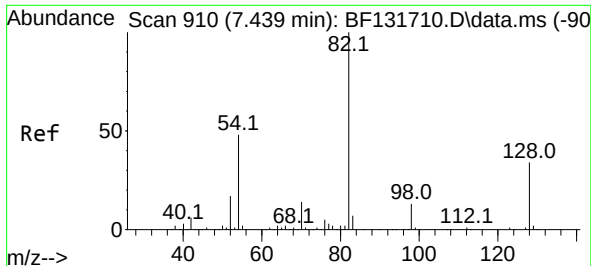
Tgt Ion: 99 Resp: 231503
Ion Ratio Lower Upper
99 100
42 19.0 14.8 22.2
71 42.4 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

Tgt Ion: 136 Resp: 295670
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 9.1 7.2 10.8
68 6.2 5.0 7.6





#23

Nitrobenzene-d5

Concen: 95.359 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131743.D

Acq: 21 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

SP-303-20221215

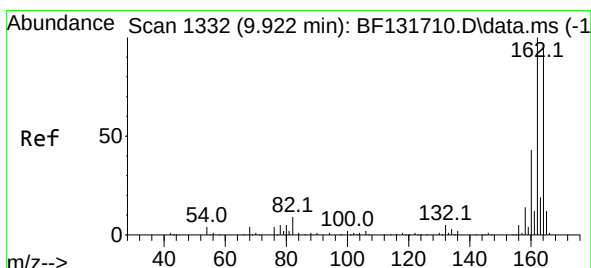
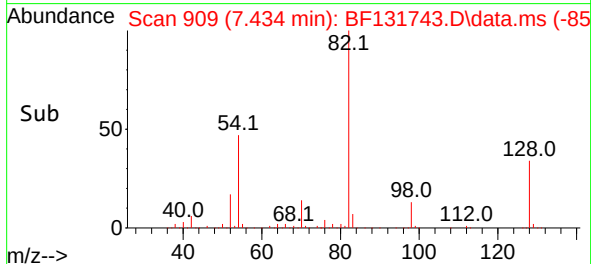
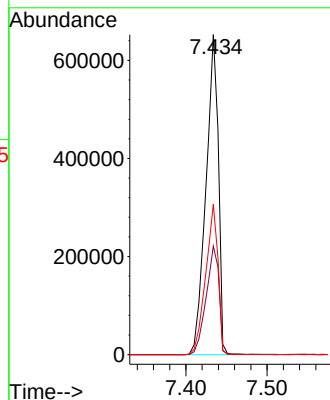
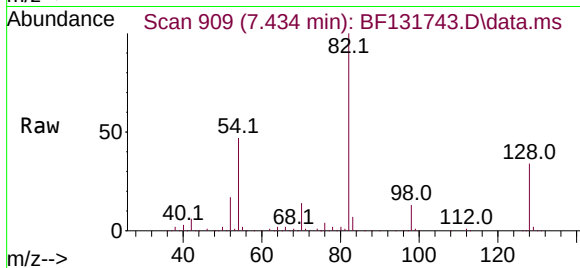
Tgt Ion: 82 Resp: 694521

Ion Ratio Lower Upper

82 100

128 33.9 27.3 40.9

54 46.9 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: BF131743.D

Acq: 21 Dec 2022 13:26

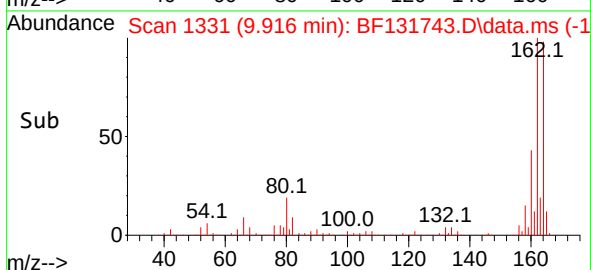
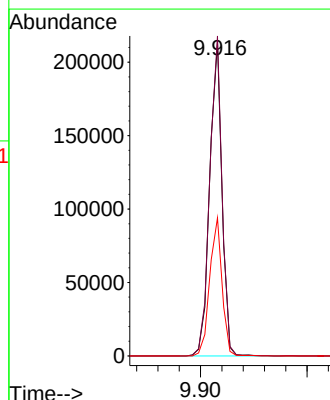
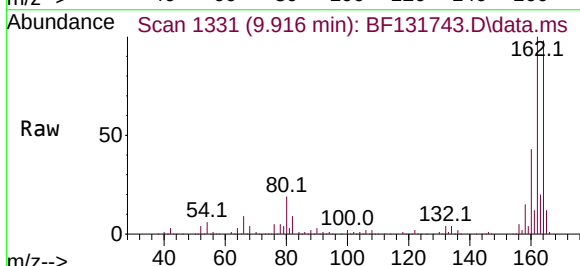
Tgt Ion:164 Resp: 170674

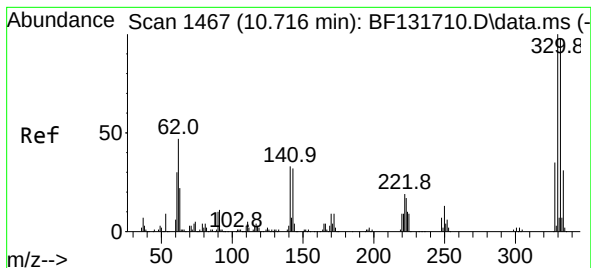
Ion Ratio Lower Upper

164 100

162 102.2 83.7 125.5

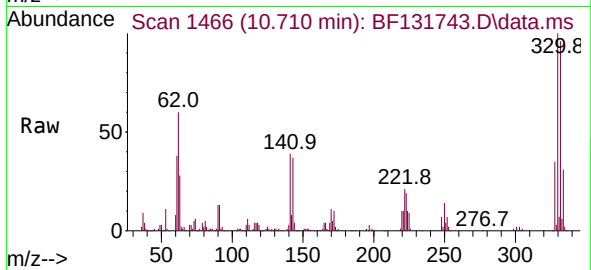
160 44.0 36.2 54.4



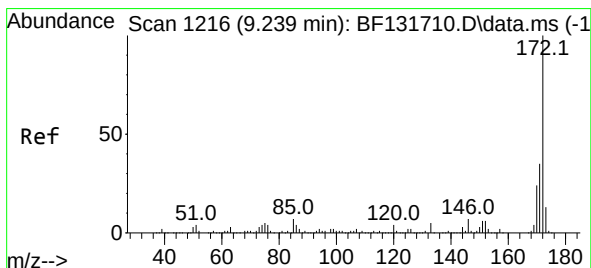
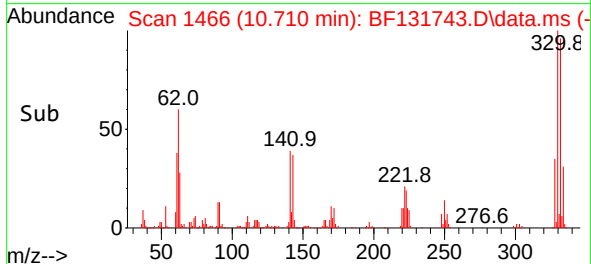
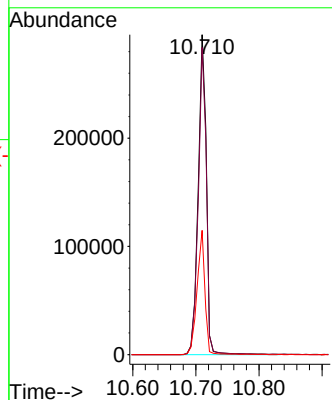


#42
2,4,6-Tribromophenol
Concen: 143.134 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

Instrument :
BNA_F
ClientSampleId :
SP-303-20221215

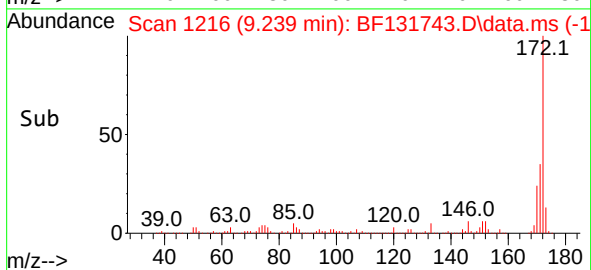
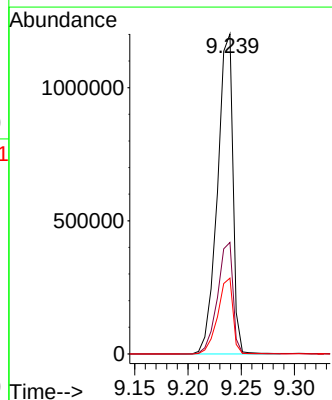
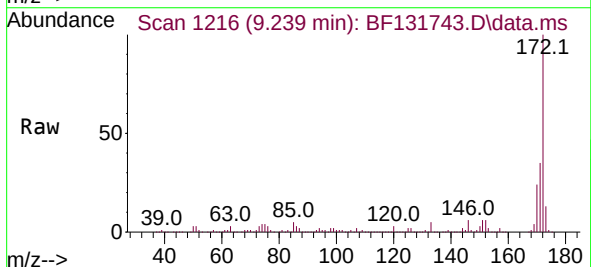


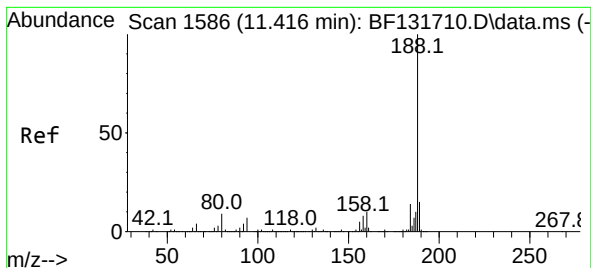
Tgt Ion:330 Resp: 267388
Ion Ratio Lower Upper
330 100
332 95.2 77.1 115.7
141 37.4 30.4 45.6



#45
2-Fluorobiphenyl
Concen: 99.710 ng
RT: 9.239 min Scan# 1216
Delta R.T. 0.000 min
Lab File: BF131743.D
Acq: 21 Dec 2022 13:26

Tgt Ion:172 Resp: 1214848
Ion Ratio Lower Upper
172 100
171 34.8 27.9 41.9
170 23.7 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: BF131743.D

Acq: 21 Dec 2022 13:26

Instrument :

BNA_F

ClientSampleId :

SP-303-20221215

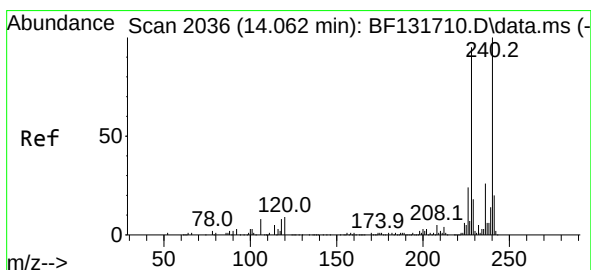
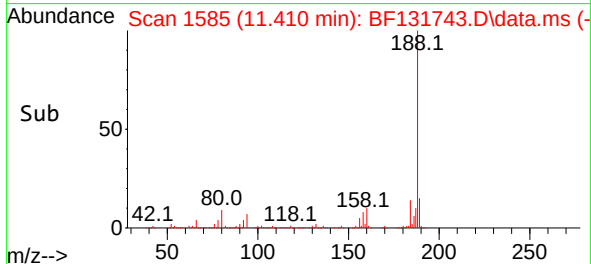
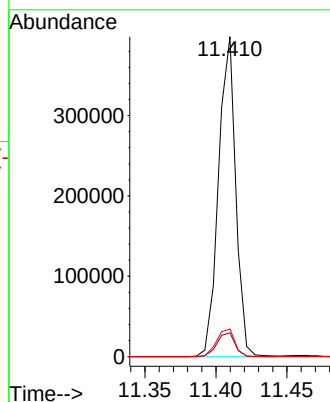
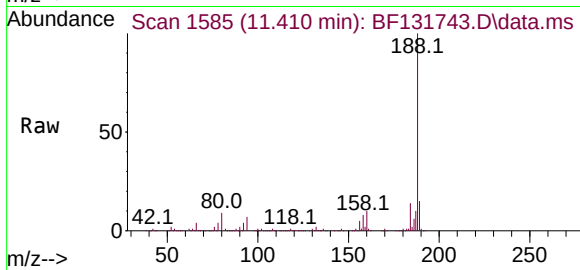
Tgt Ion:188 Resp: 337313

Ion Ratio Lower Upper

188 100

94 7.4 5.9 8.9

80 8.6 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: BF131743.D

Acq: 21 Dec 2022 13:26

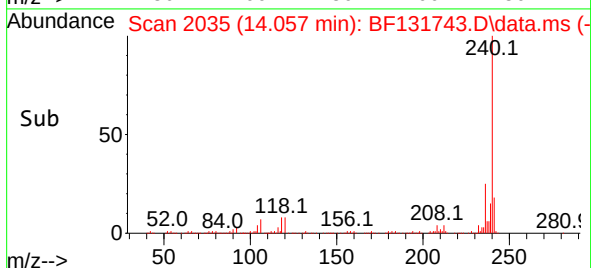
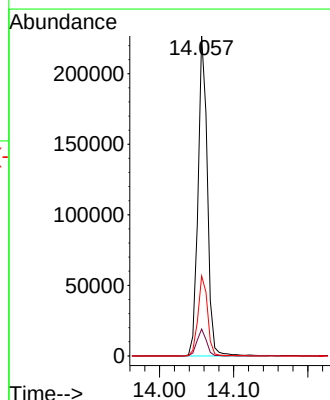
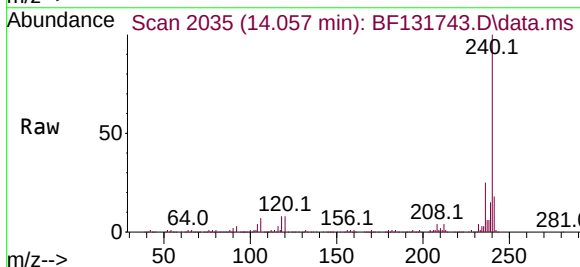
Tgt Ion:240 Resp: 198656

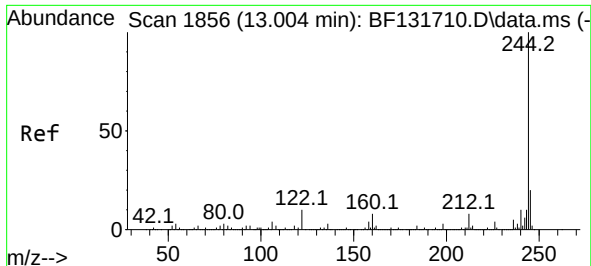
Ion Ratio Lower Upper

240 100

120 8.4 7.6 11.4

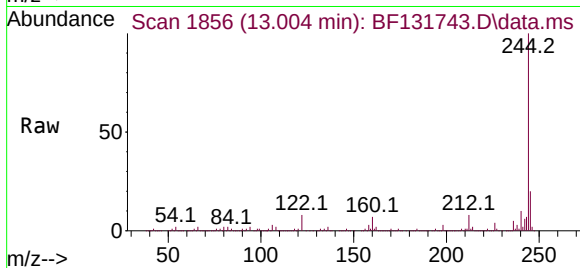
236 25.0 21.2 31.8



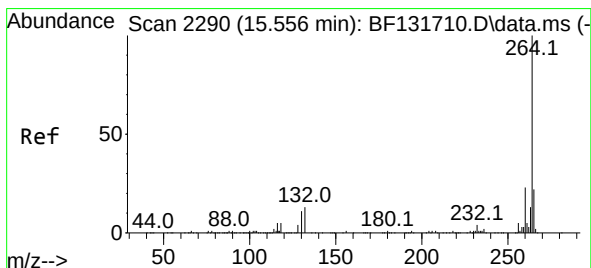
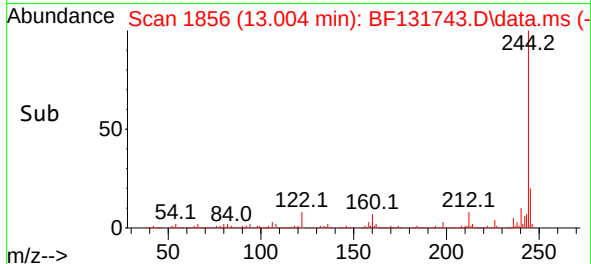
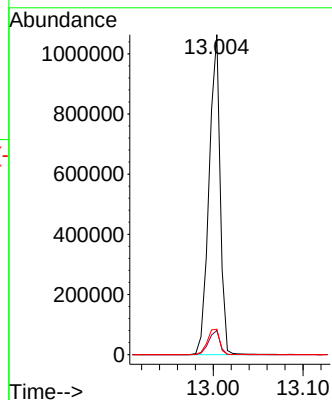


#79
 Terphenyl-d14
 Concen: 71.365 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131743.D
 Acq: 21 Dec 2022 13:26

Instrument :
 BNA_F
 ClientSampleId :
 SP-303-20221215



Tgt Ion:244 Resp: 909643
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.9 7.7 11.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. -0.006 min
 Lab File: BF131743.D
 Acq: 21 Dec 2022 13:26

Tgt Ion:264 Resp: 173094
 Ion Ratio Lower Upper
 264 100
 260 22.7 18.6 28.0
 265 20.2 17.4 26.2

