

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131755.D
 Acq On : 21 Dec 2022 20:27
 Operator : CG\JU
 Sample : N6157-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 20221421-COMPOSITE-D

Quant Time: Dec 22 05:50:17 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	82645	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	296061	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	177245	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	360300	20.000	ng	0.00
76) Chrysene-d12	14.057	240	281677	20.000	ng	0.00
86) Perylene-d12	15.556	264	248165	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	487818	99.393	ng	0.00
7) Phenol-d6	6.492	99	636581	96.364	ng	-0.01
23) Nitrobenzene-d5	7.433	82	446822	61.269	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	191172	98.542	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	684908	54.130	ng	0.00
79) Terphenyl-d14	13.004	244	775025	42.882	ng	0.00

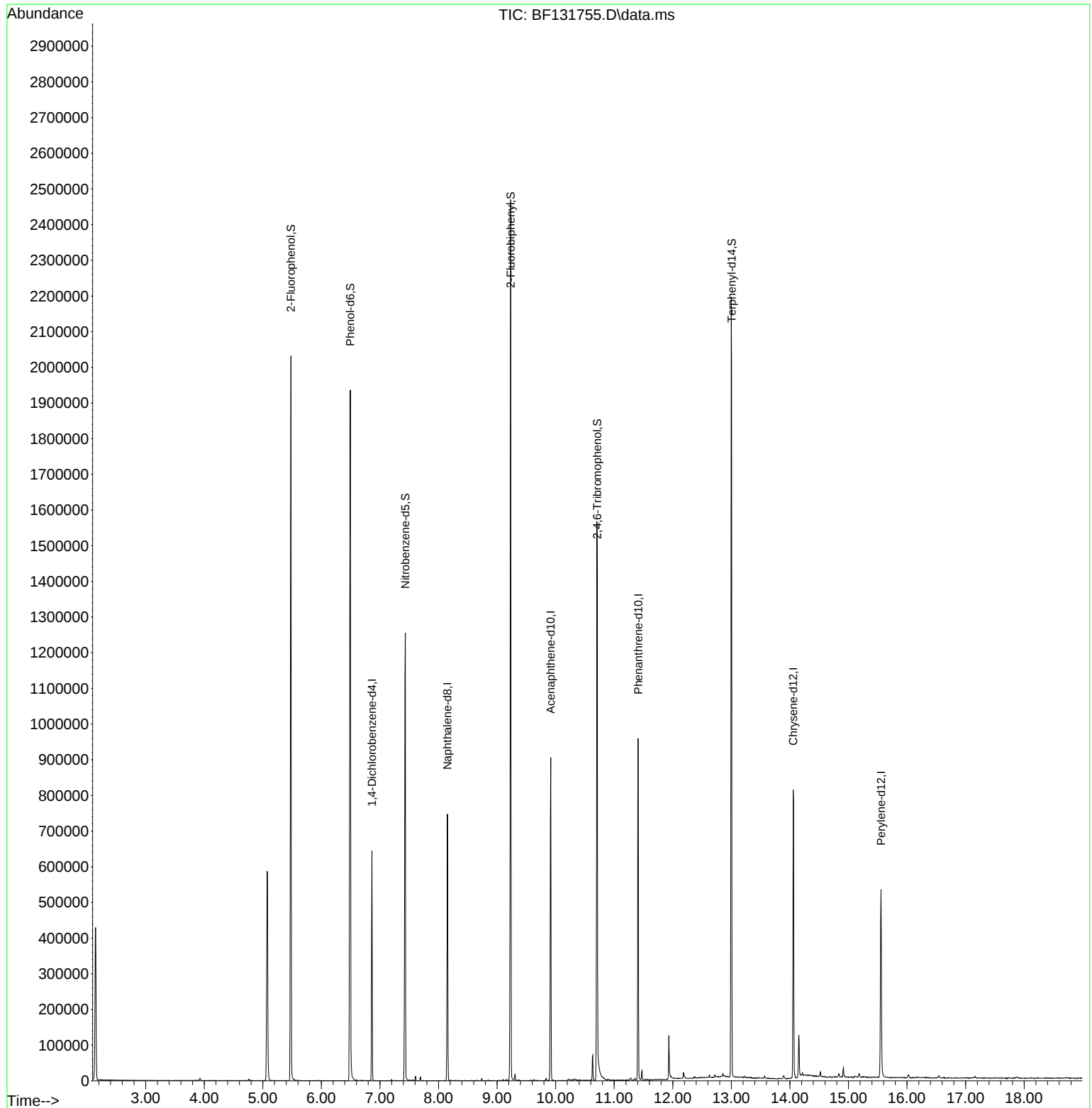
Target Compounds Qvalue

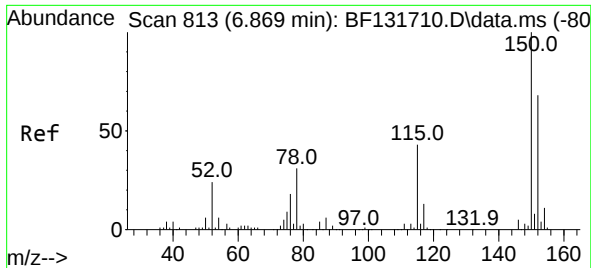
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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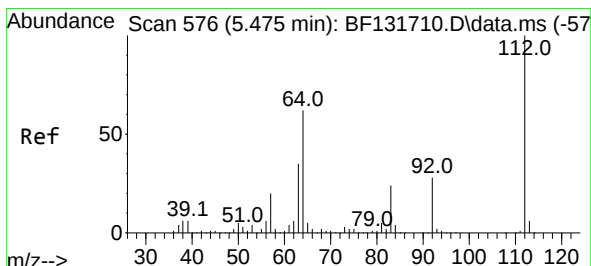
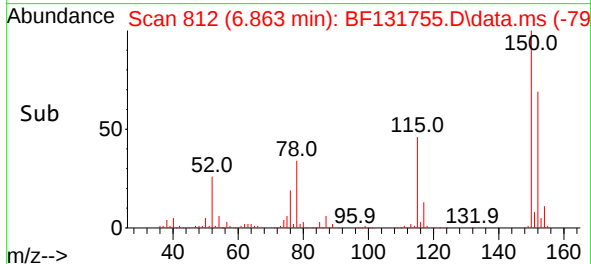
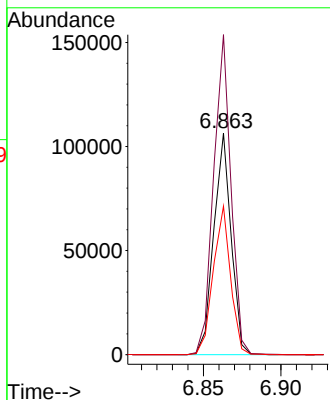
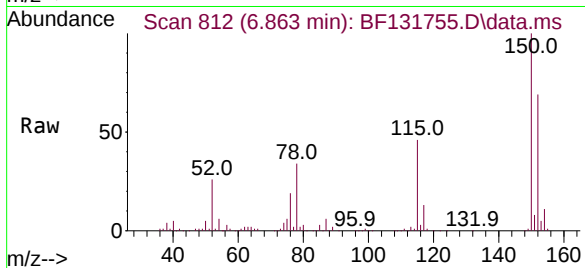




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

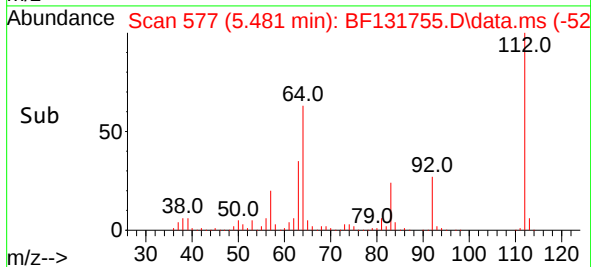
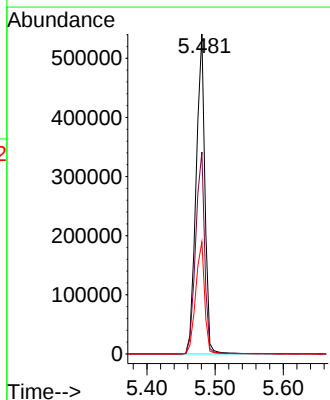
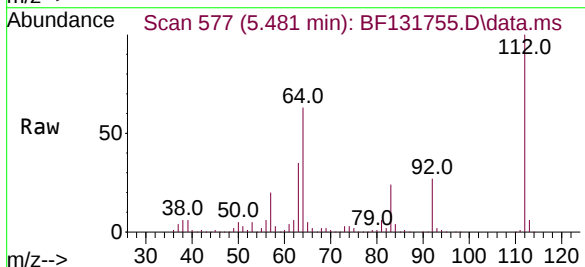
Instrument :
BNA_F
ClientSampleId :
20221421-COMPOSITE-D

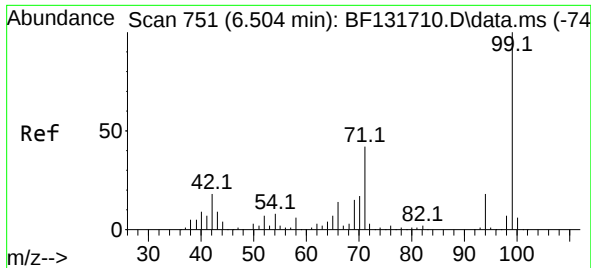
Tgt Ion:152 Resp: 82645
Ion Ratio Lower Upper
152 100
150 144.4 117.4 176.0
115 67.0 50.2 75.4



#5
2-Fluorophenol
Concen: 99.393 ng
RT: 5.481 min Scan# 577
Delta R.T. 0.006 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

Tgt Ion:112 Resp: 487818
Ion Ratio Lower Upper
112 100
64 63.1 49.5 74.3
63 35.1 28.2 42.2





#7

Phenol-d6

Concen: 96.364 ng

RT: 6.492 min Scan# 74

Delta R.T. -0.012 min

Lab File: BF131755.D

Acq: 21 Dec 2022 20:27

Instrument :

BNA_F

ClientSampleId :

20221421-COMPOSITE-D

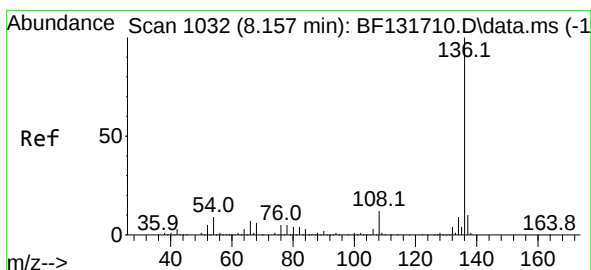
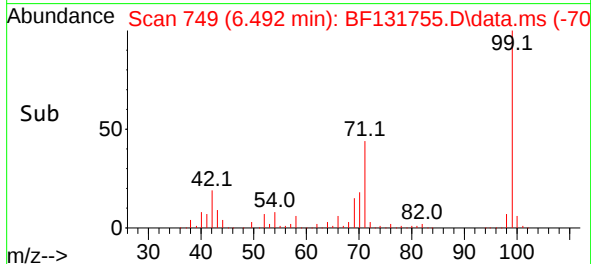
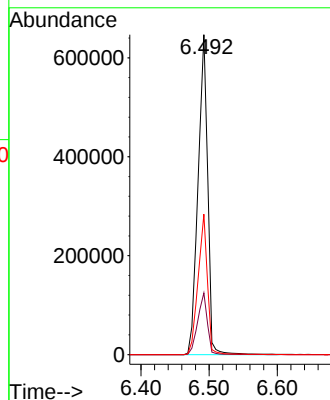
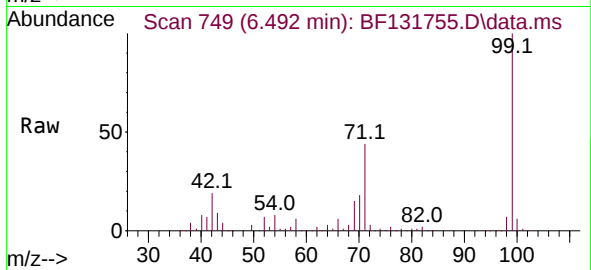
Tgt Ion: 99 Resp: 636581

Ion Ratio Lower Upper

99 100

42 19.3 14.8 22.2

71 43.9 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: BF131755.D

Acq: 21 Dec 2022 20:27

Tgt Ion: 136 Resp: 296061

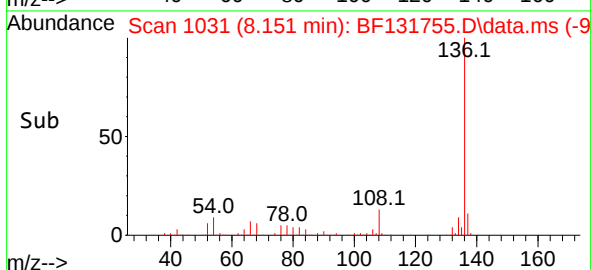
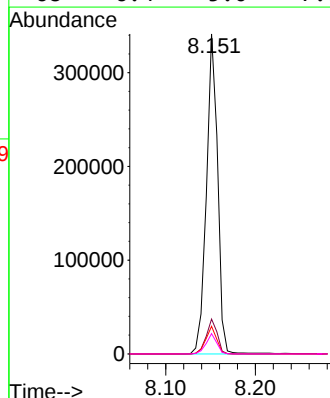
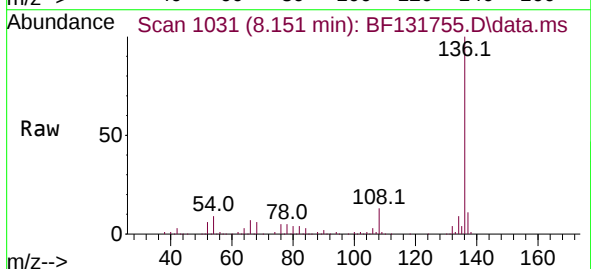
Ion Ratio Lower Upper

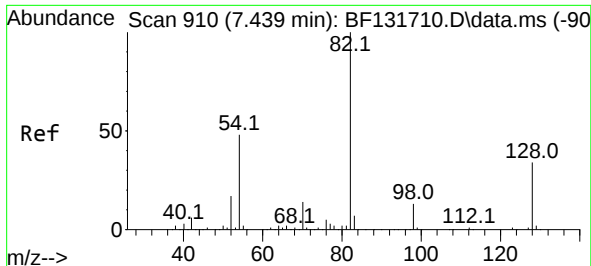
136 100

137 10.9 8.4 12.6

54 8.6 7.2 10.8

68 6.4 5.0 7.6





#23

Nitrobenzene-d5

Concen: 61.269 ng

RT: 7.433 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131755.D

Acq: 21 Dec 2022 20:27

Instrument :

BNA_F

ClientSampleId :

20221421-COMPOSITE-D

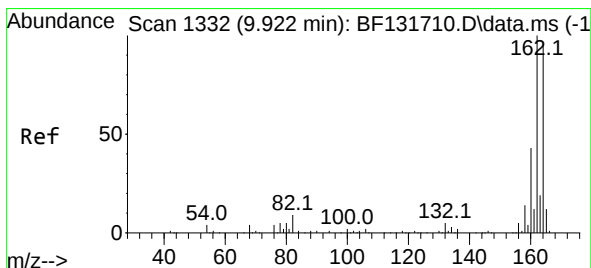
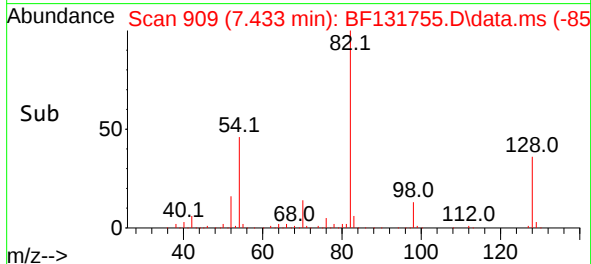
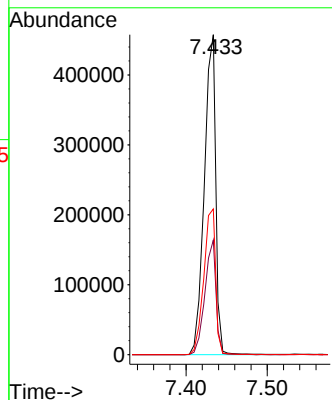
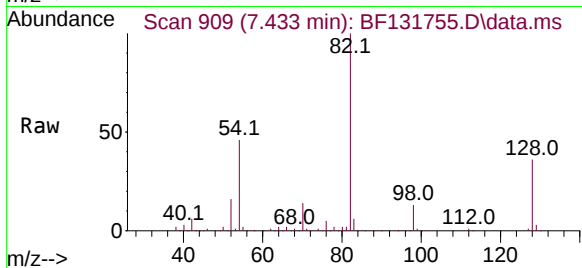
Tgt Ion: 82 Resp: 446822

Ion Ratio Lower Upper

82 100

128 35.8 27.3 40.9

54 45.5 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: BF131755.D

Acq: 21 Dec 2022 20:27

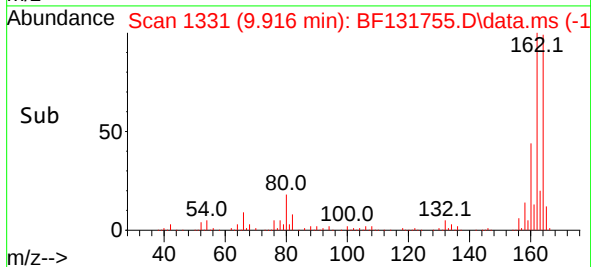
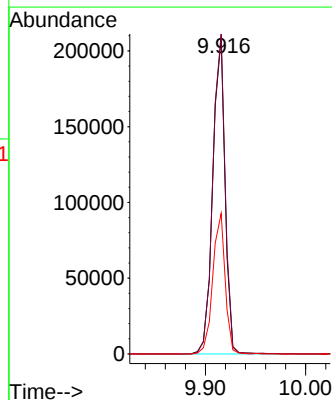
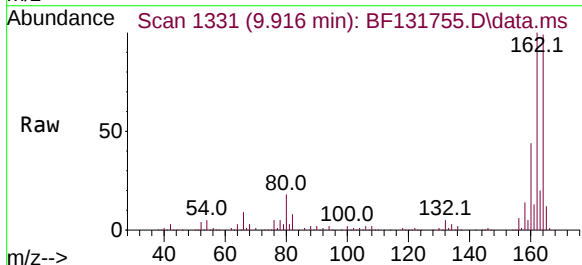
Tgt Ion:164 Resp: 177245

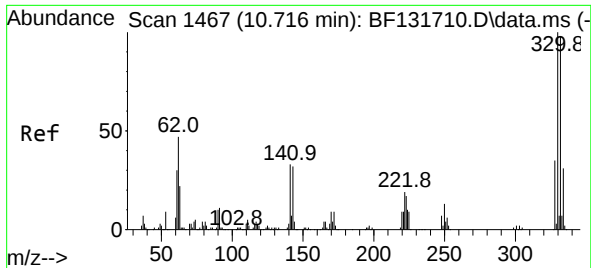
Ion Ratio Lower Upper

164 100

162 101.3 83.7 125.5

160 44.4 36.2 54.4

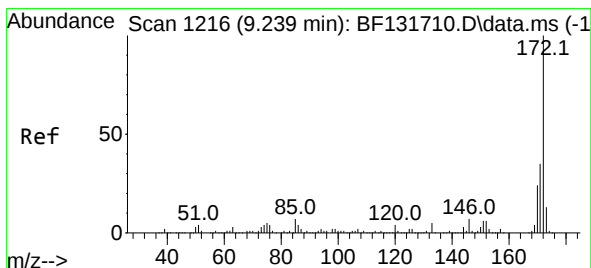
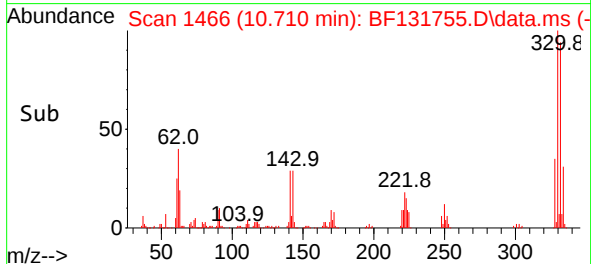
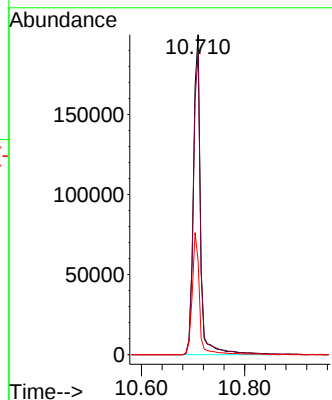
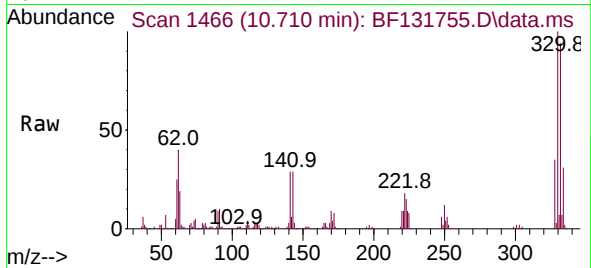




#42
2,4,6-Tribromophenol
Concen: 98.542 ng
RT: 10.710 min Scan# 1467
Delta R.T. -0.006 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

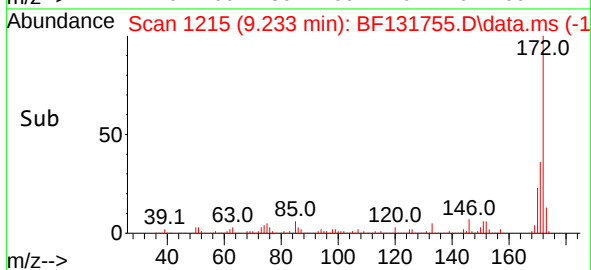
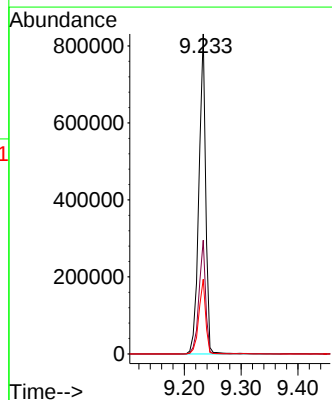
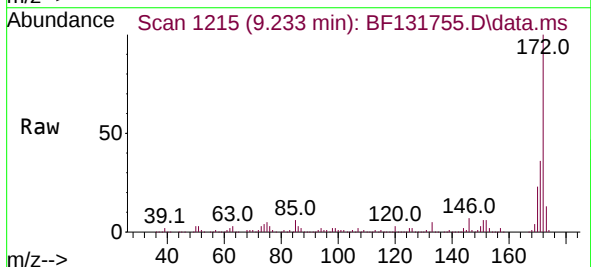
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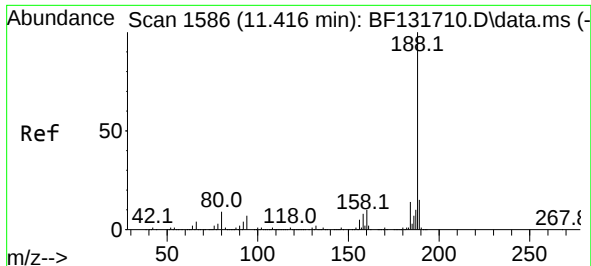
Tgt Ion:330 Resp: 191172
Ion Ratio Lower Upper
330 100
332 96.9 77.1 115.7
141 38.9 30.4 45.6



#45
2-Fluorobiphenyl
Concen: 54.130 ng
RT: 9.233 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

Tgt Ion:172 Resp: 684908
Ion Ratio Lower Upper
172 100
171 35.5 27.9 41.9
170 23.3 19.0 28.4

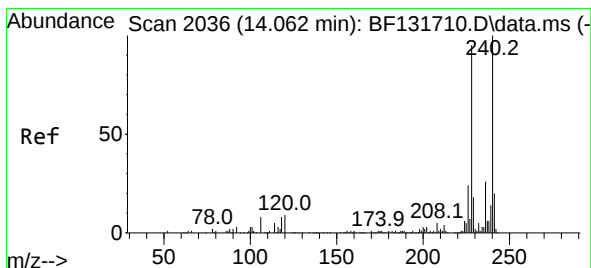
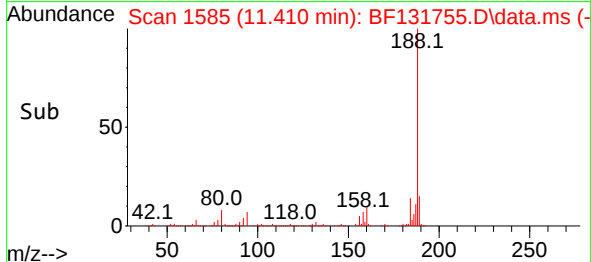
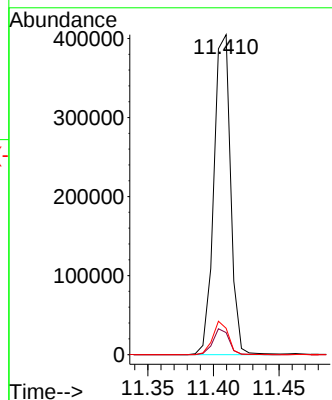
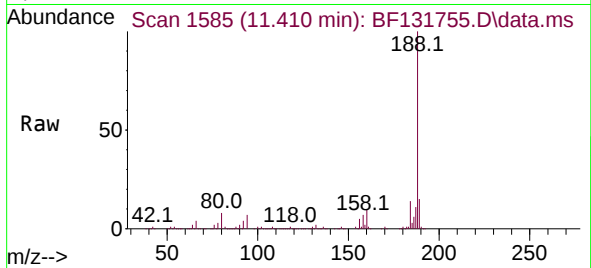




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

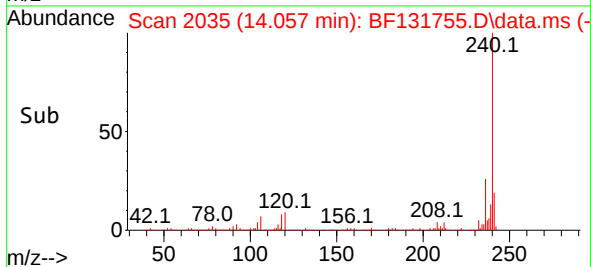
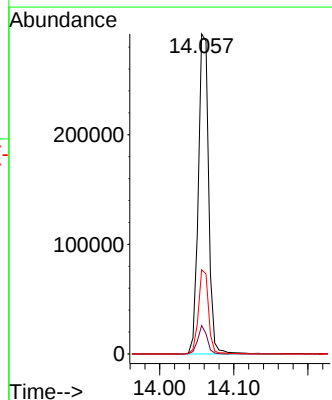
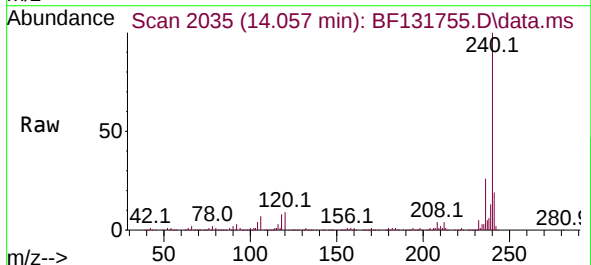
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20221421-COMPOSITE-D

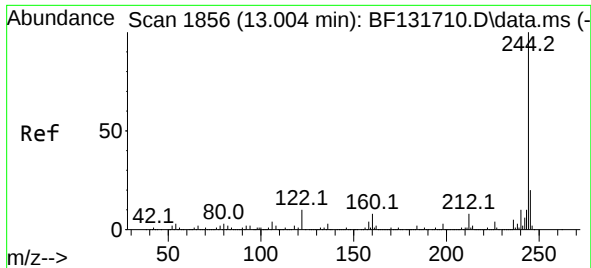
Tgt Ion:188 Resp: 360300
Ion Ratio Lower Upper
188 100
94 6.9 5.9 8.9
80 8.2 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131755.D
Acq: 21 Dec 2022 20:27

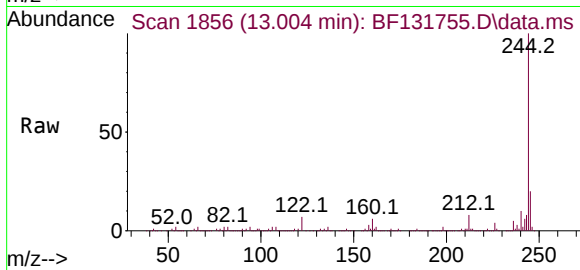
Tgt Ion:240 Resp: 281677
Ion Ratio Lower Upper
240 100
120 8.9 7.6 11.4
236 26.3 21.2 31.8



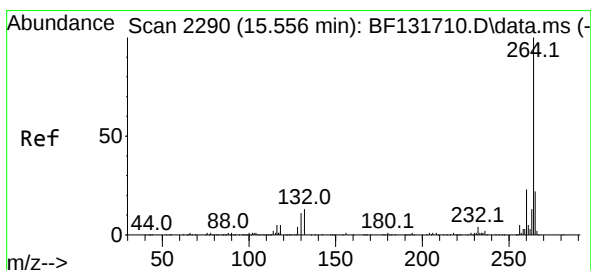
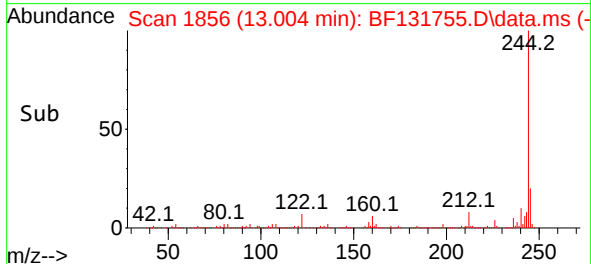
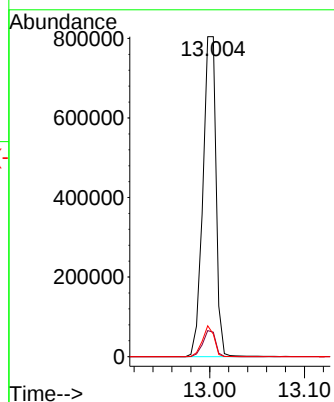


#79
 Terphenyl-d14
 Concen: 42.882 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: BF131755.D
 Acq: 21 Dec 2022 20:27

Instrument :
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 20221421-COMPOSITE-D



Tgt Ion:244 Resp: 775025
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 7.0 7.7 11.5#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. -0.000 min
 Lab File: BF131755.D
 Acq: 21 Dec 2022 20:27

Tgt Ion:264 Resp: 248165
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.6 28.0
 265 21.0 17.4 26.2

