

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122122\
 Data File : BF131762.D
 Acq On : 22 Dec 2022 00:06
 Operator : CG\JU
 Sample : N6148-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3052

Quant Time: Dec 22 05:53:00 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	87005	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	313484	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	182880	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	371595	20.000	ng	0.00
76) Chrysene-d12	14.057	240	286639	20.000	ng	0.00
86) Perylene-d12	15.557	264	230763	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	660358	127.805	ng	0.02
7) Phenol-d6	6.498	99	786699	113.121	ng	0.00
23) Nitrobenzene-d5	7.434	82	656156	84.972	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	293809	146.780	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1143209	87.567	ng	0.00
79) Terphenyl-d14	13.004	244	1620186	88.093	ng	0.00

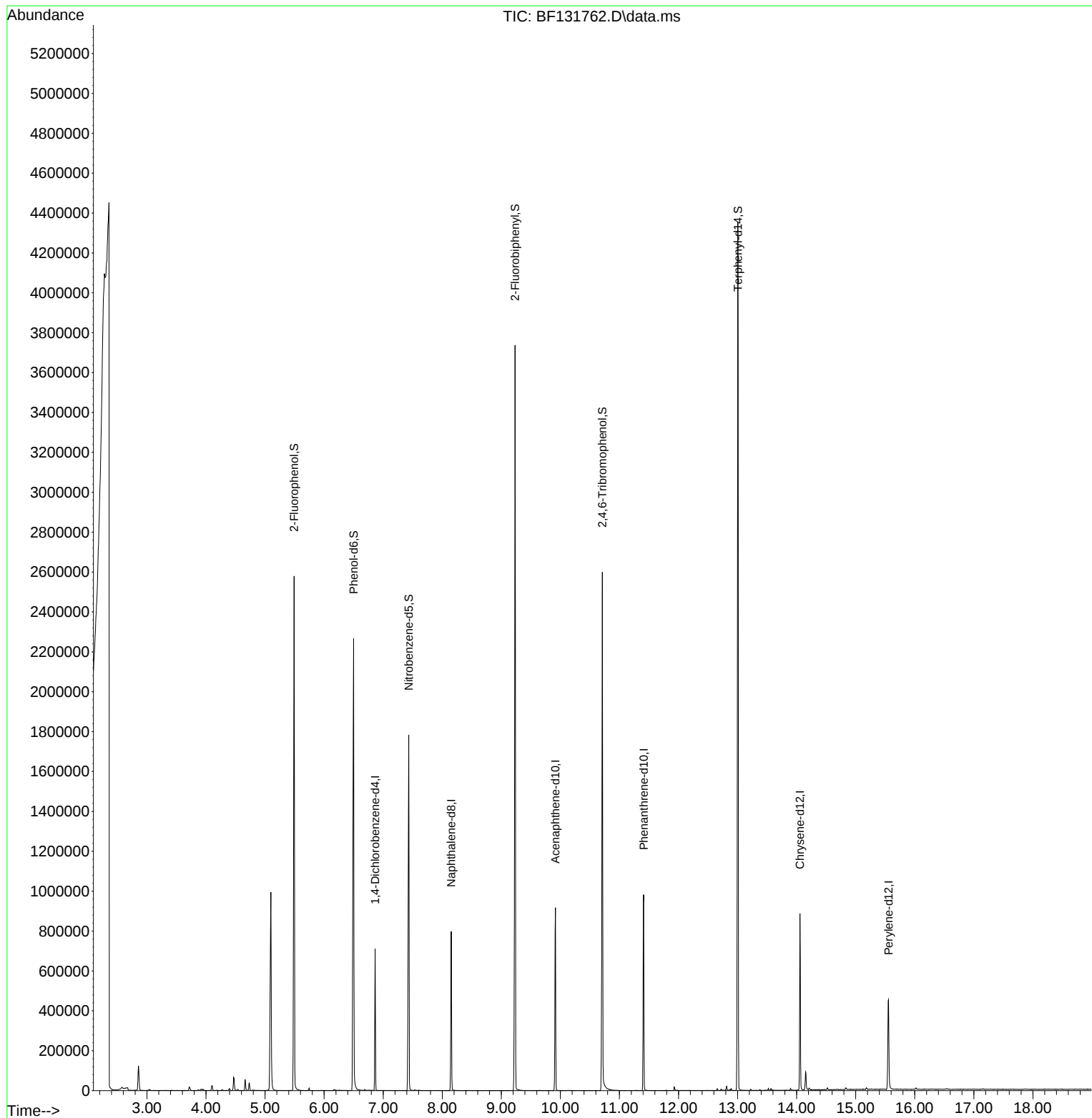
Target Compounds Qvalue

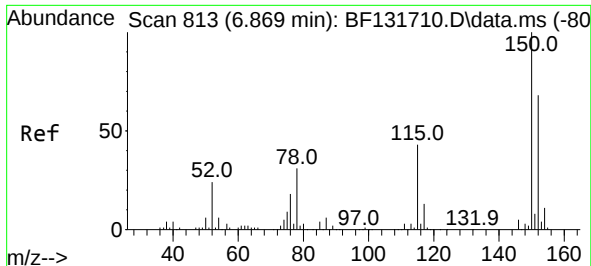
 (#) = qualifier out of range (m) = manual integration (+) = signals summed

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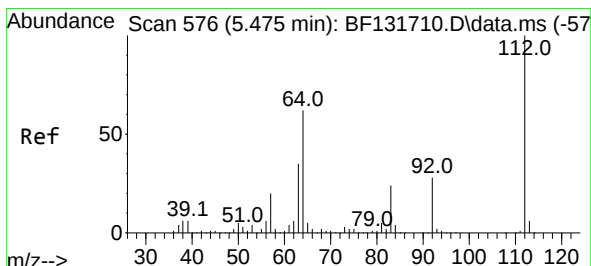
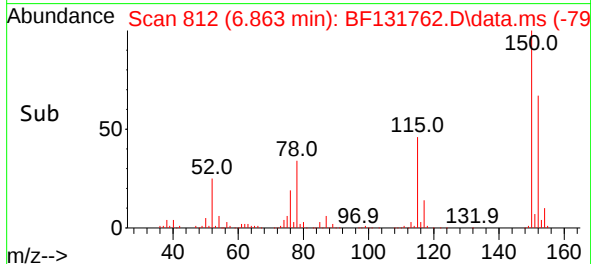
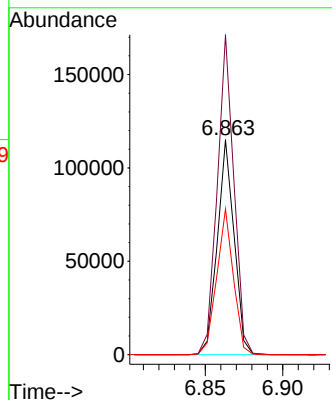
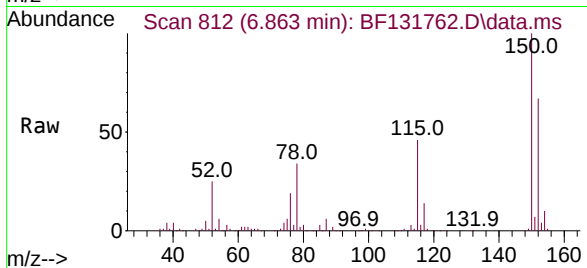




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

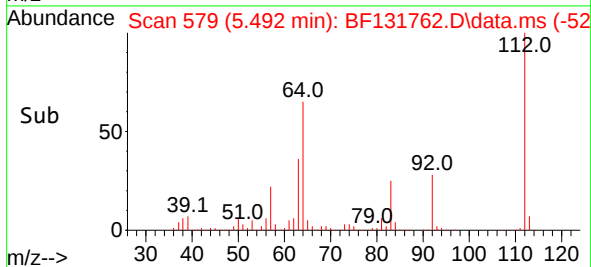
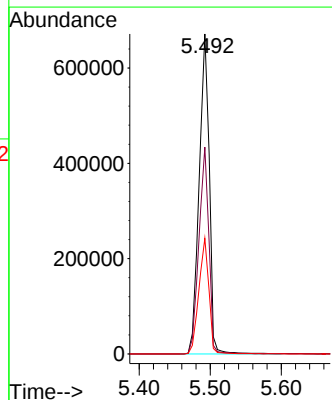
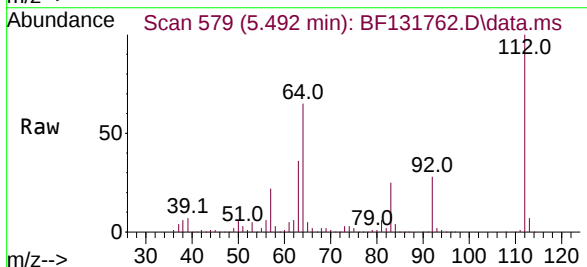
Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3052

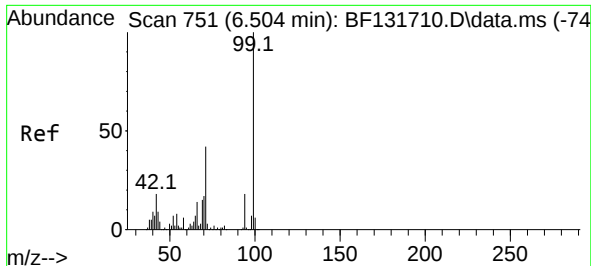
Tgt Ion:152 Resp: 87005
Ion Ratio Lower Upper
152 100
150 148.8 117.4 176.0
115 67.7 50.2 75.4



#5
2-Fluorophenol
Concen: 127.805 ng
RT: 5.492 min Scan# 579
Delta R.T. 0.018 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

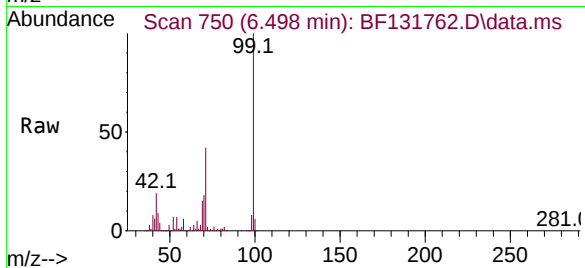
Tgt Ion:112 Resp: 660358
Ion Ratio Lower Upper
112 100
64 64.6 49.5 74.3
63 36.1 28.2 42.2



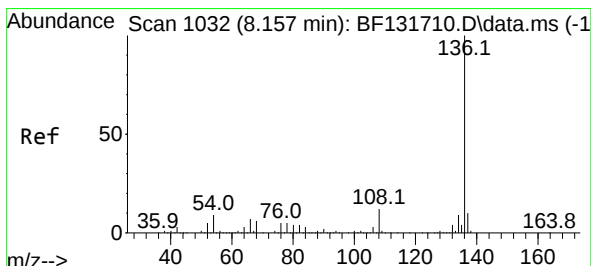
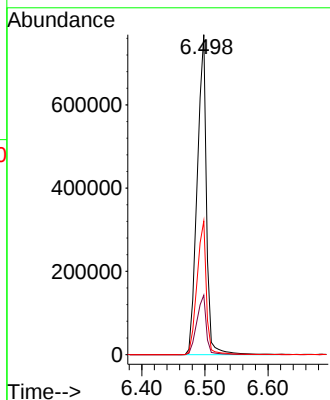
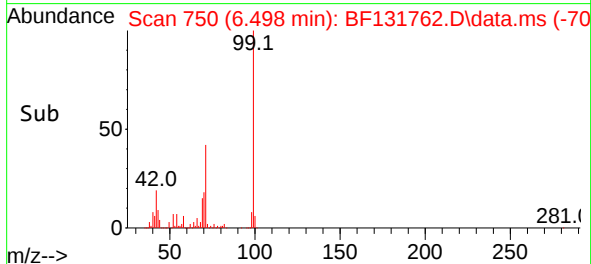


#7
Phenol-d6
Concen: 113.121 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

Instrument :
BNA_F
ClientSampleId :
COMPOSITE-3052

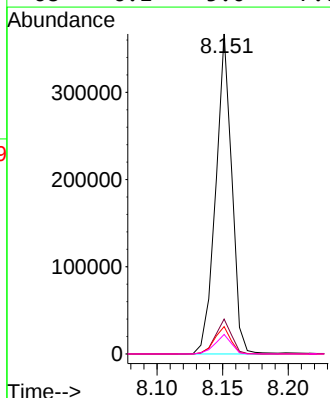
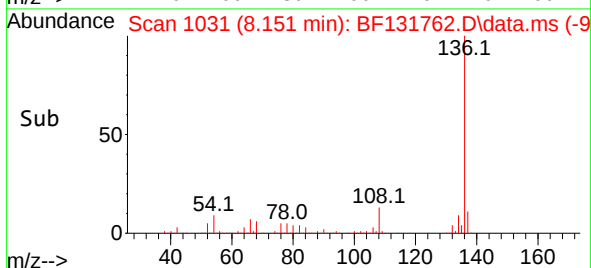
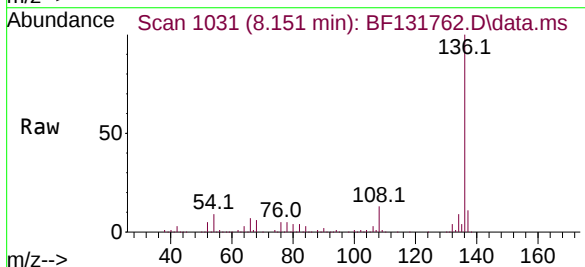


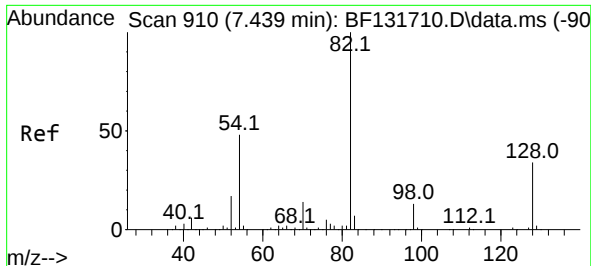
Tgt Ion: 99 Resp: 786699
Ion Ratio Lower Upper
99 100
42 18.6 14.8 22.2
71 41.7 33.8 50.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

Tgt Ion: 136 Resp: 313484
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.5 7.2 10.8
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 84.972 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF131762.D

Acq: 22 Dec 2022 00:06

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3052

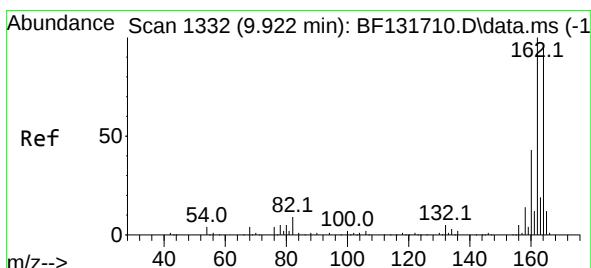
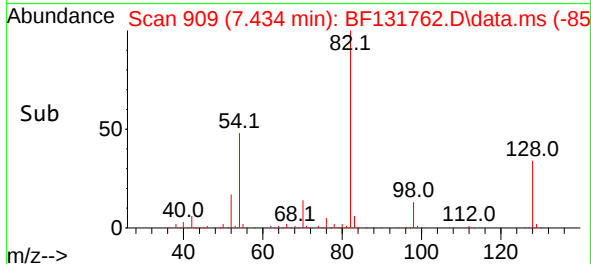
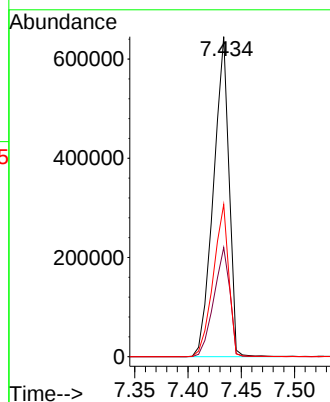
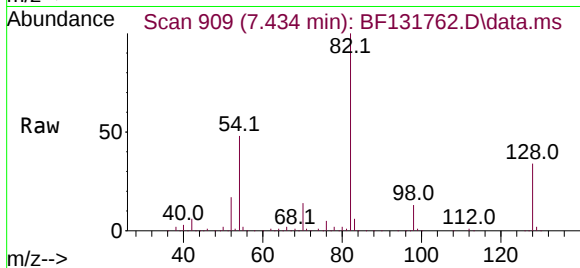
Tgt Ion: 82 Resp: 656156

Ion Ratio Lower Upper

82 100

128 34.1 27.3 40.9

54 47.5 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: BF131762.D

Acq: 22 Dec 2022 00:06

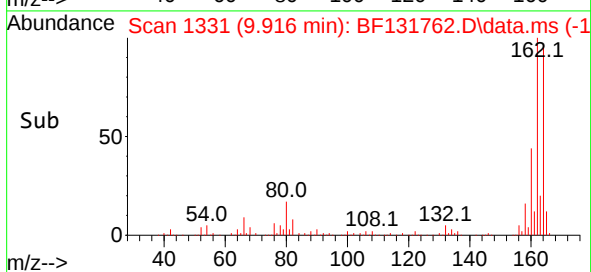
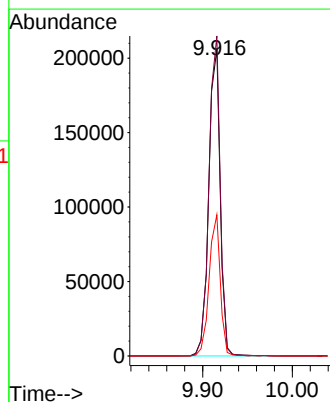
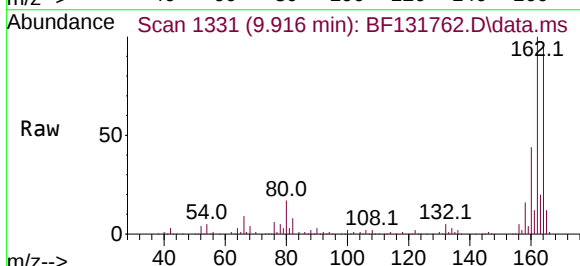
Tgt Ion:164 Resp: 182880

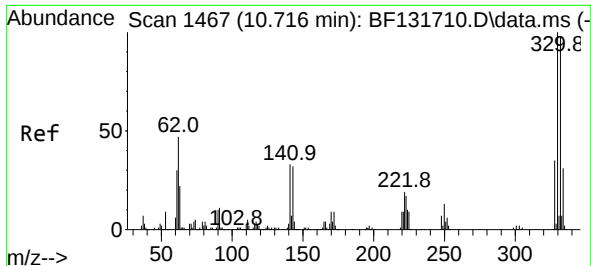
Ion Ratio Lower Upper

164 100

162 104.3 83.7 125.5

160 46.0 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 146.780 ng

RT: 10.710 min Scan# 1467

Delta R.T. -0.006 min

Lab File: BF131762.D

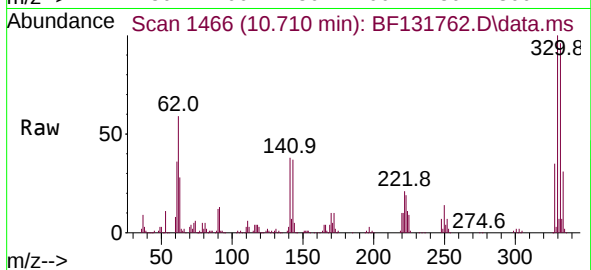
Acq: 22 Dec 2022 00:06

Instrument :

BNA_F

ClientSampleId :

COMPOSITE-3052



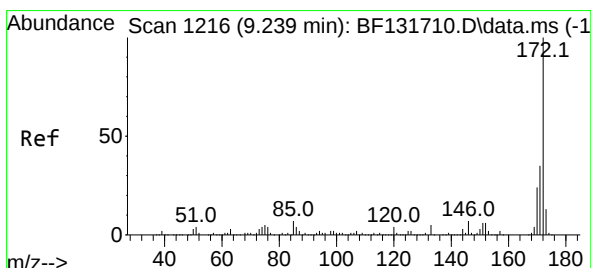
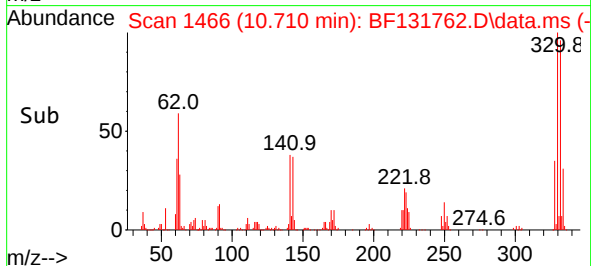
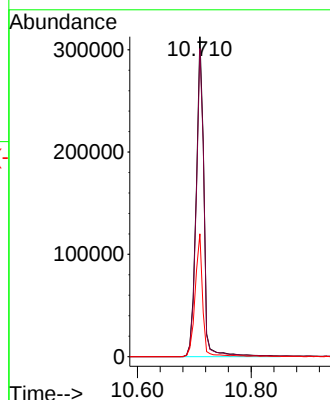
Tgt Ion:330 Resp: 293809

Ion Ratio Lower Upper

330 100

332 96.6 77.1 115.7

141 37.1 30.4 45.6



#45

2-Fluorobiphenyl

Concen: 87.567 ng

RT: 9.233 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF131762.D

Acq: 22 Dec 2022 00:06

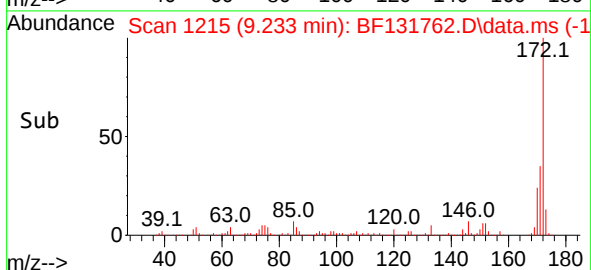
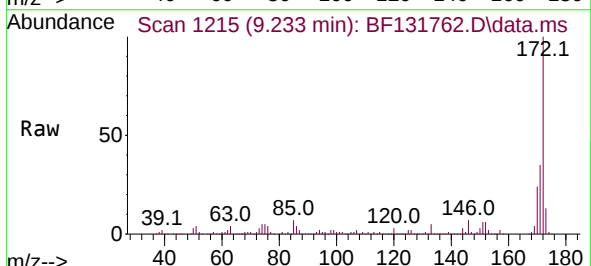
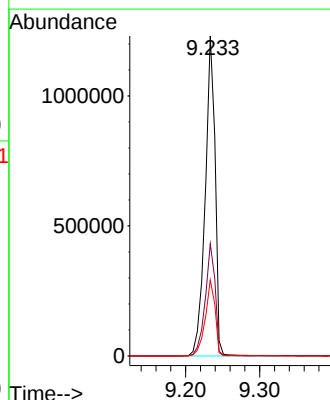
Tgt Ion:172 Resp: 1143209

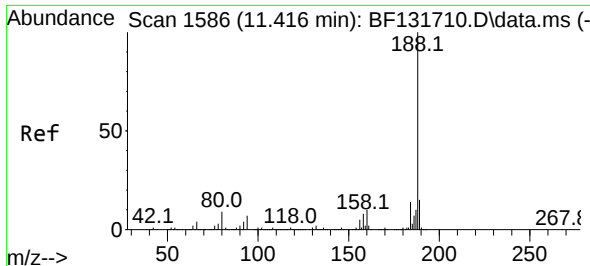
Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

170 23.7 19.0 28.4

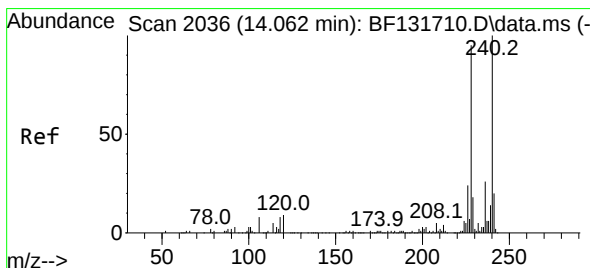
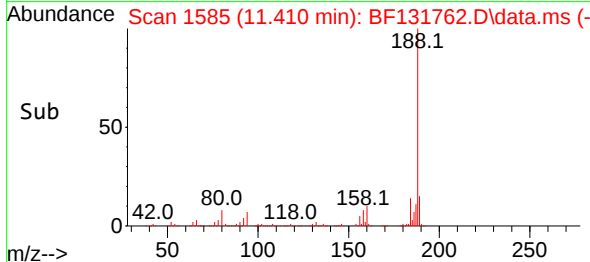
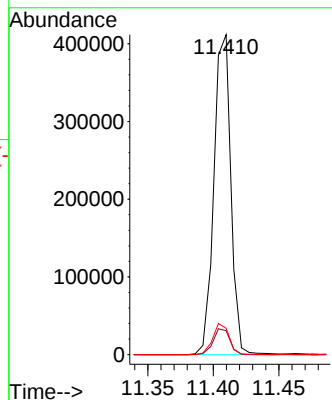
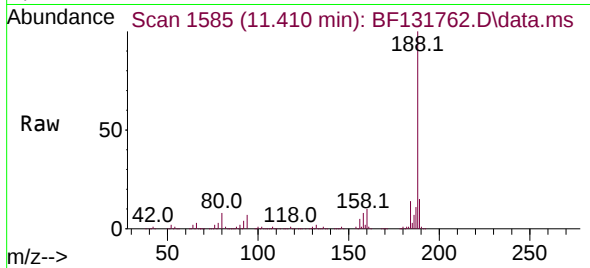




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

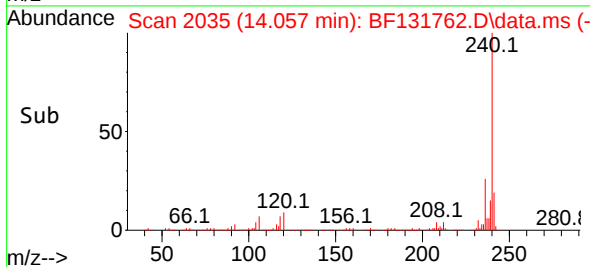
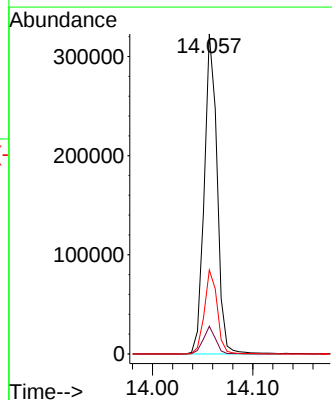
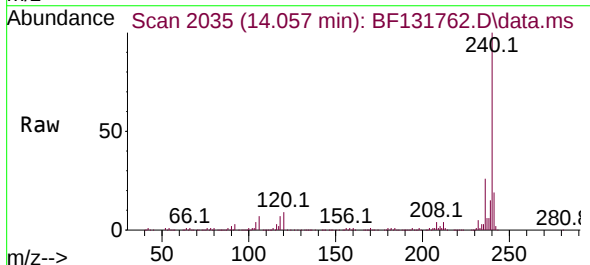
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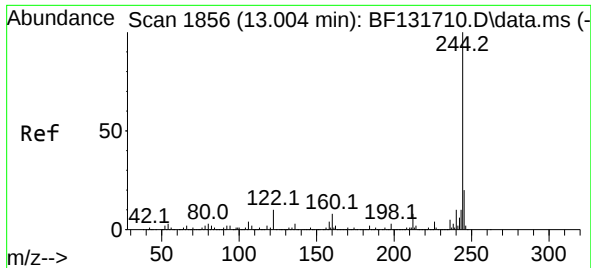
Tgt Ion:188 Resp: 371595
Ion Ratio Lower Upper
188 100
94 7.5 5.9 8.9
80 8.2 7.0 10.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF131762.D
Acq: 22 Dec 2022 00:06

Tgt Ion:240 Resp: 286639
Ion Ratio Lower Upper
240 100
120 8.6 7.6 11.4
236 26.3 21.2 31.8

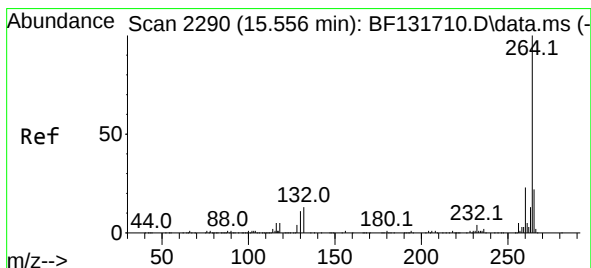
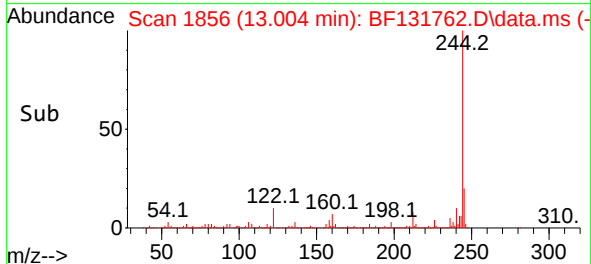
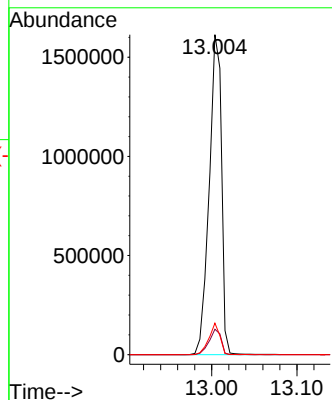
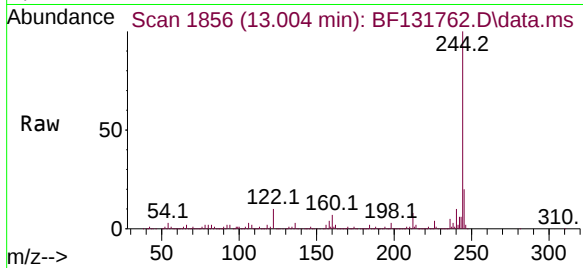




#79
 Terphenyl-d14
 Concen: 88.093 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. 0.000 min
 Lab File: BF131762.D
 Acq: 22 Dec 2022 00:06

Instrument :
 BNA_F
 ClientSampleId :
 COMPOSITE-3052

Tgt Ion:244 Resp: 1620186
 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: BF131762.D
 Acq: 22 Dec 2022 00:06

Tgt Ion:264 Resp: 230763
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.6 28.0
 265 21.6 17.4 26.2

