

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062623\
 Data File : BF133967.D
 Acq On : 26 Jun 2023 23:16
 Operator : CG\JU
 Sample : 03365-33
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP3

Quant Time: Jun 26 23:44:09 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	124298	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	431089	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	179848	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	335811	20.000	ng	0.00
76) Chrysene-d12	14.045	240	197161	20.000	ng	0.00
86) Perylene-d12	15.551	264	154486	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	635120	85.473	ng	0.01
7) Phenol-d6	6.493	99	771974	84.477	ng	0.00
23) Nitrobenzene-d5	7.416	82	487665	60.980	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	180286	79.952	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	854377	69.068	ng	0.00
79) Terphenyl-d14	12.980	244	938901	76.642	ng	0.00

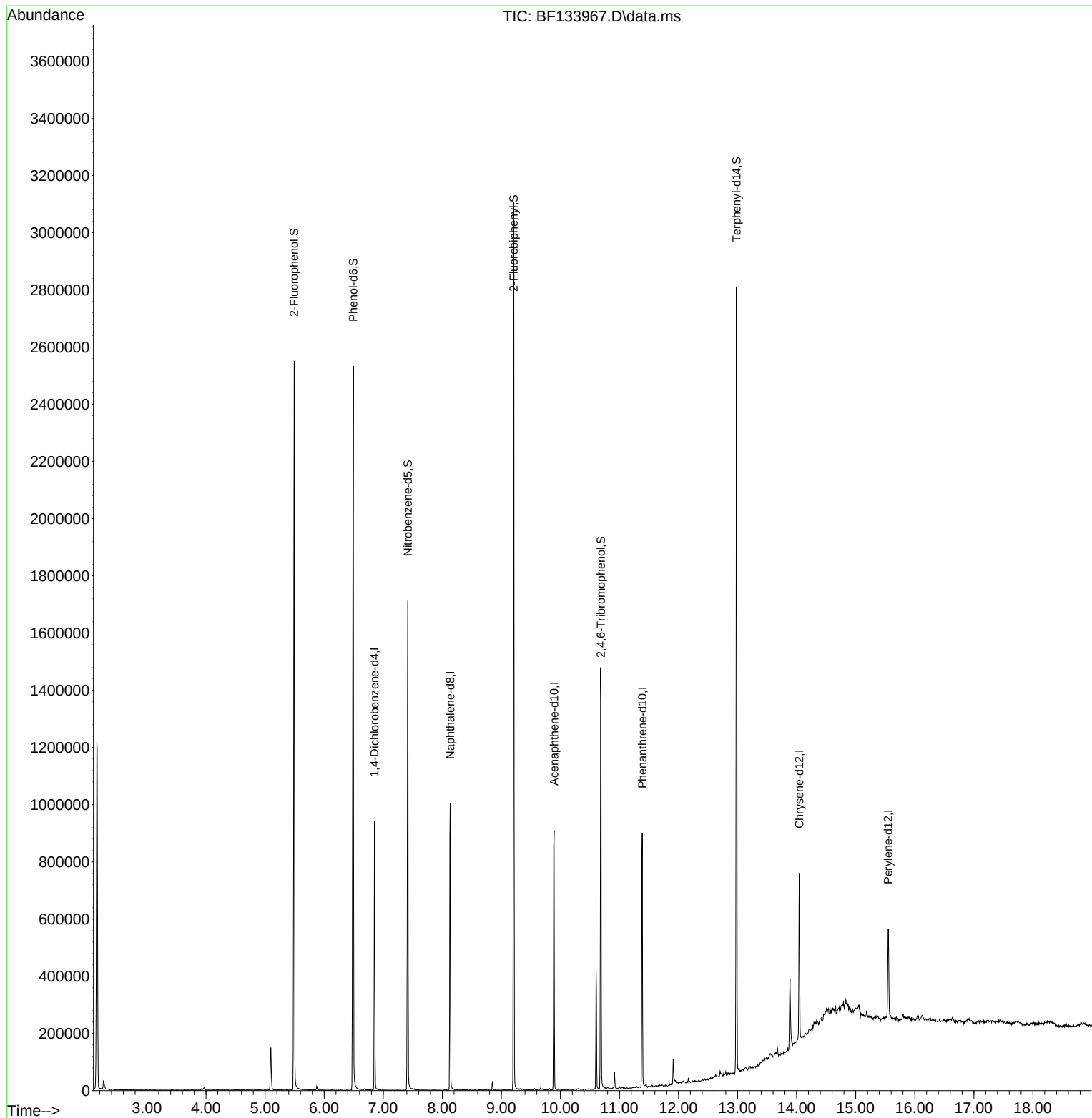
Target Compounds	Qvalue

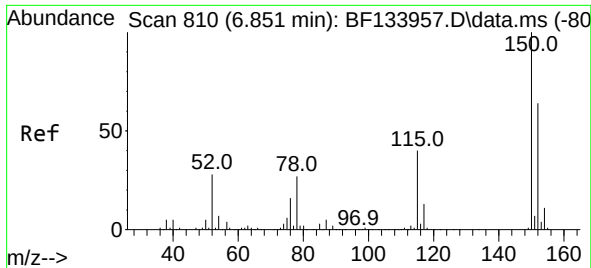
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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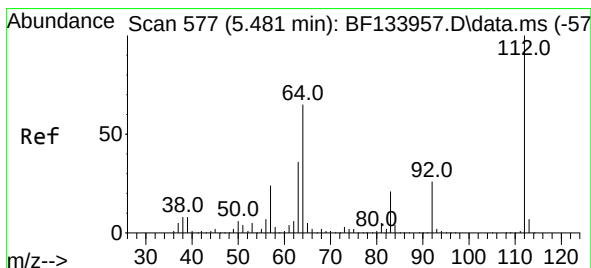
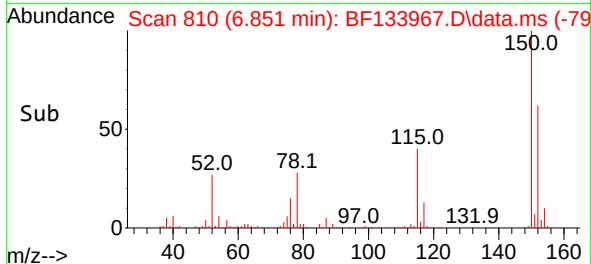
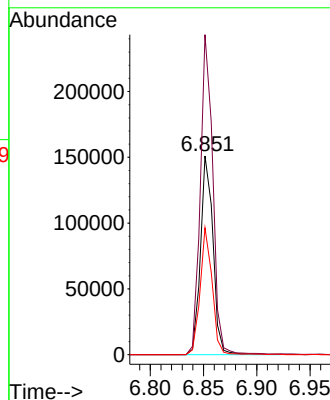
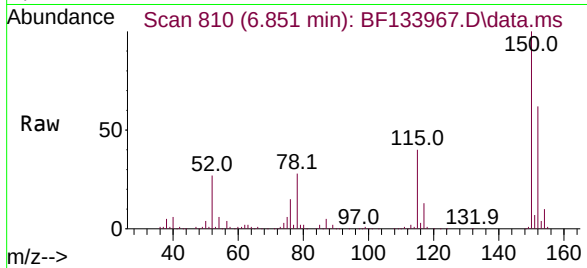




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

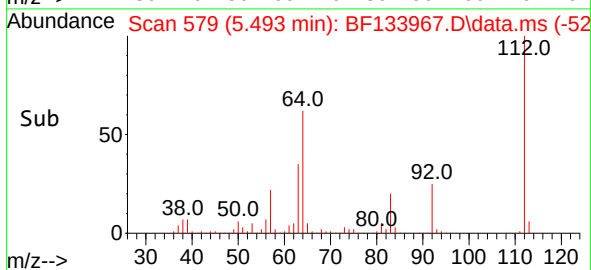
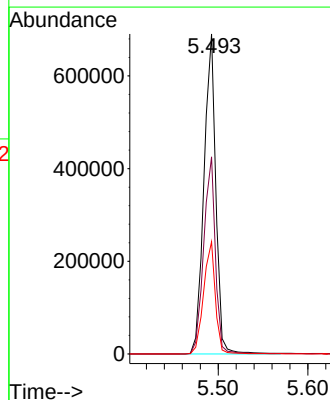
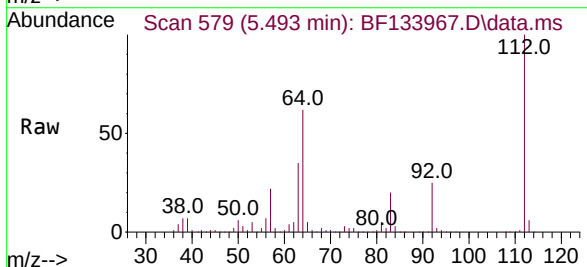
Instrument :
BNA_F
ClientSampleId :
TP3

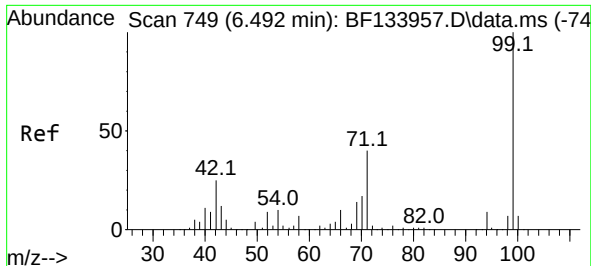
Tgt Ion:152 Resp: 124298
Ion Ratio Lower Upper
152 100
150 161.0 124.5 186.7
115 63.9 50.2 75.2



#5
2-Fluorophenol
Concen: 85.473 ng
RT: 5.493 min Scan# 579
Delta R.T. 0.012 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

Tgt Ion:112 Resp: 635120
Ion Ratio Lower Upper
112 100
64 61.6 52.1 78.1
63 35.1 28.6 42.8

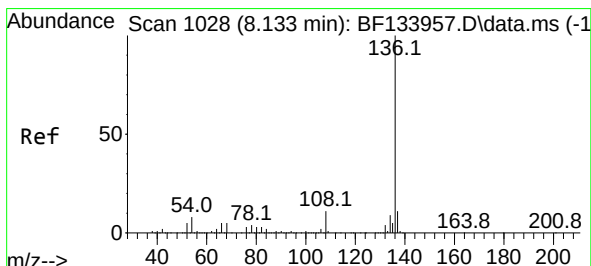
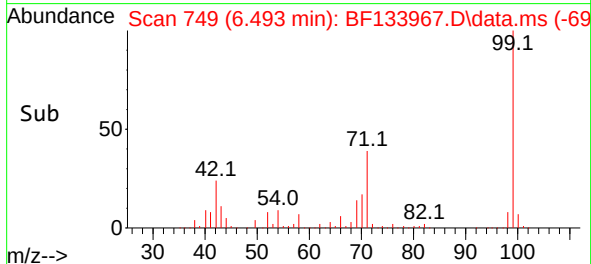
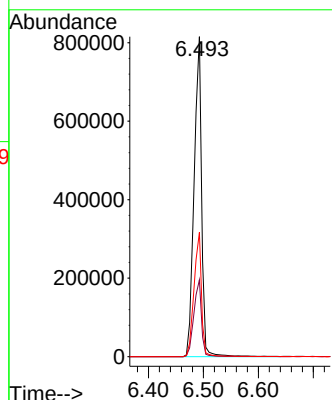
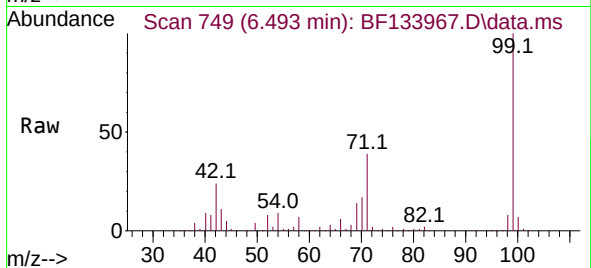




#7
Phenol-d6
Concen: 84.477 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

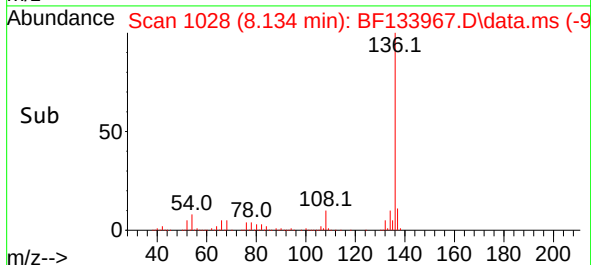
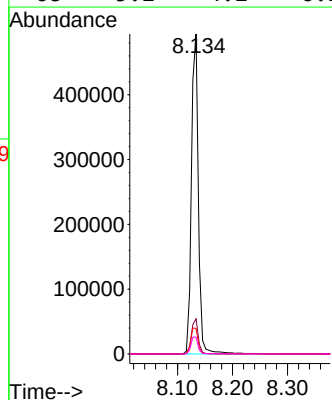
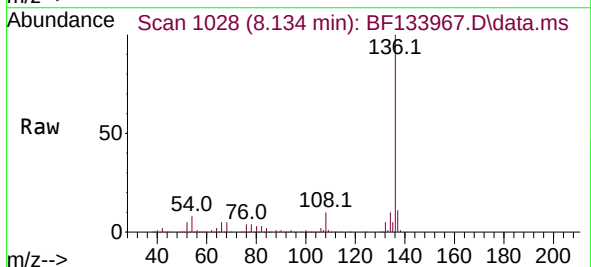
Instrument :
BNA_F
ClientSampleId :
TP3

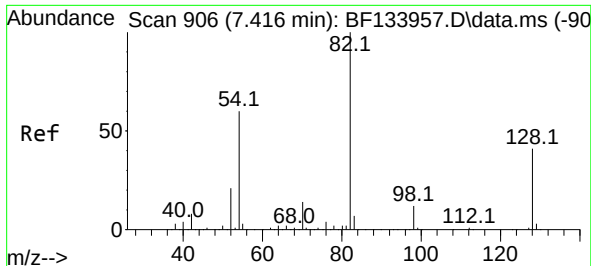
Tgt Ion: 99 Resp: 771974
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 38.9 31.9 47.9



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1028
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

Tgt Ion: 136 Resp: 431089
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.0 6.5 9.7
68 5.2 4.2 6.2





#23

Nitrobenzene-d5

Concen: 60.980 ng

RT: 7.416 min Scan# 906

Delta R.T. 0.000 min

Lab File: BF133967.D

Acq: 26 Jun 2023 23:16

Instrument :

BNA_F

ClientSampleId :

TP3

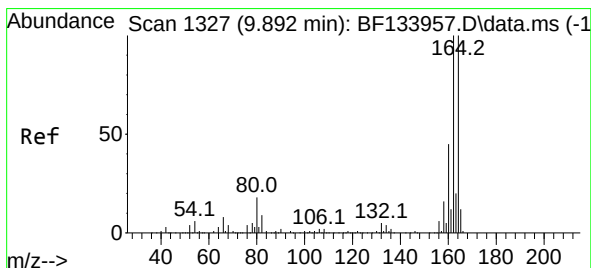
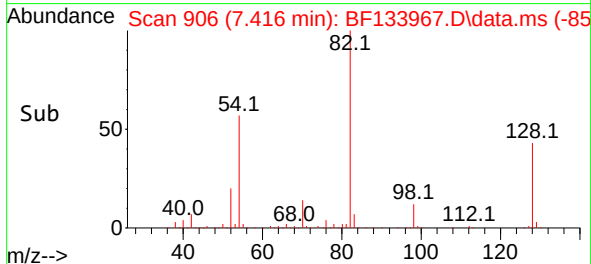
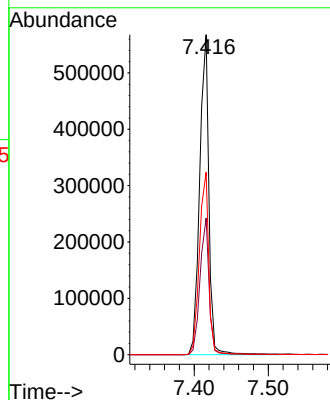
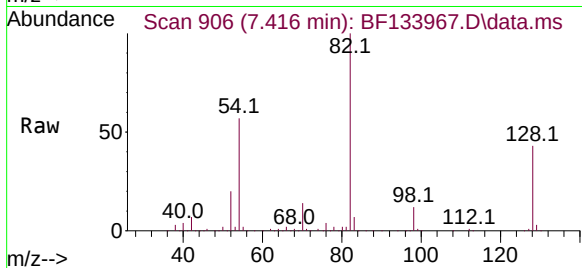
Tgt Ion: 82 Resp: 487665

Ion Ratio Lower Upper

82 100

128 42.7 32.5 48.7

54 57.0 48.2 72.2



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.892 min Scan# 1327

Delta R.T. 0.000 min

Lab File: BF133967.D

Acq: 26 Jun 2023 23:16

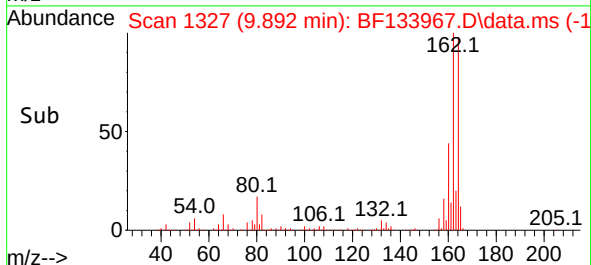
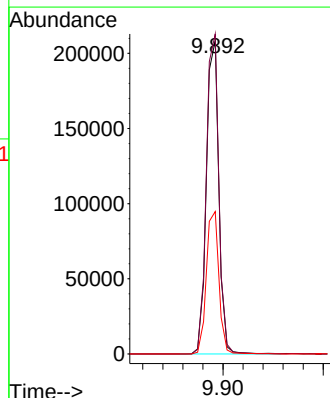
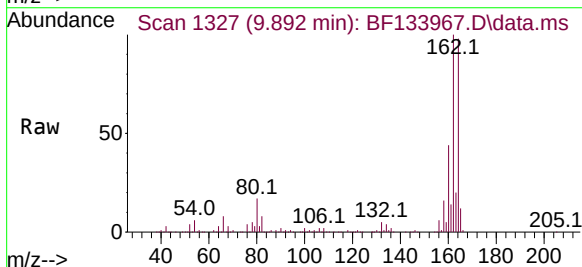
Tgt Ion:164 Resp: 179848

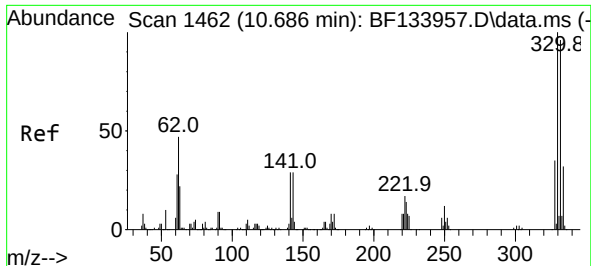
Ion Ratio Lower Upper

164 100

162 102.1 80.0 120.0

160 45.4 35.9 53.9

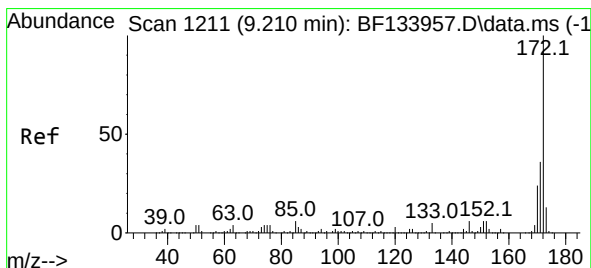
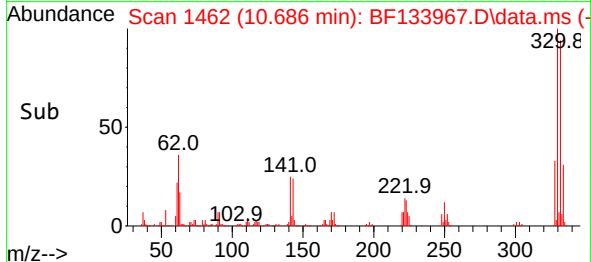
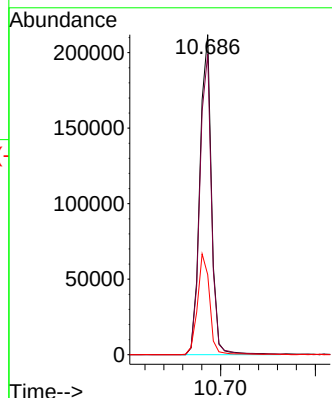
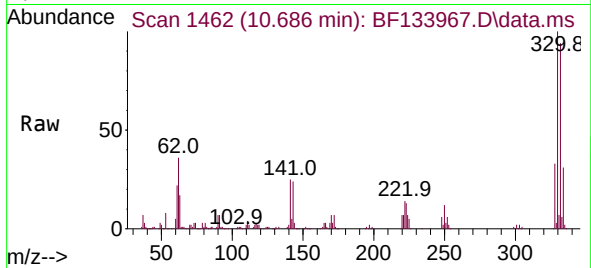




#42
2,4,6-Tribromophenol
Concen: 79.952 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

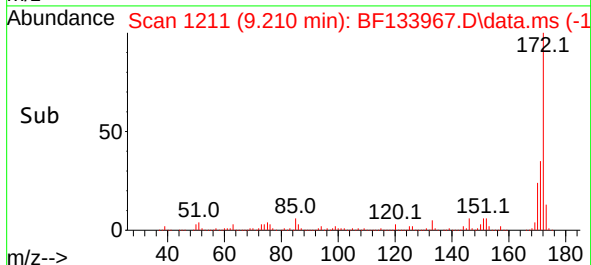
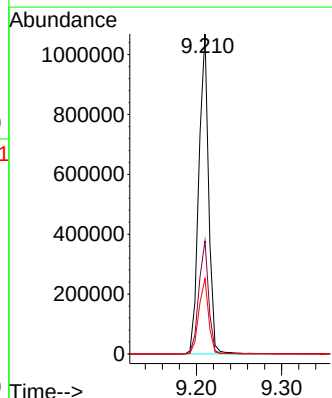
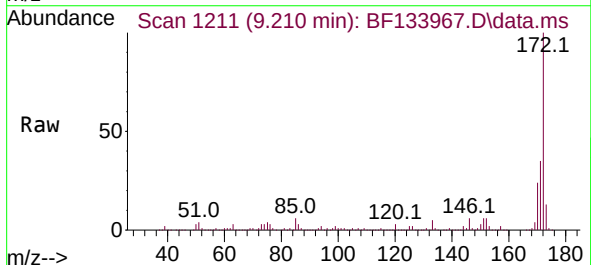
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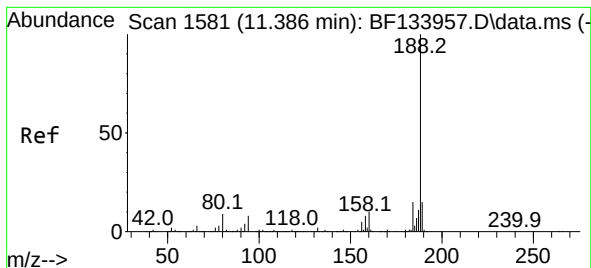
Tgt Ion:330 Resp: 180286
Ion Ratio Lower Upper
330 100
332 95.1 77.0 115.6
141 32.9 26.3 39.5



#45
2-Fluorobiphenyl
Concen: 69.068 ng
RT: 9.210 min Scan# 1211
Delta R.T. 0.000 min
Lab File: BF133967.D
Acq: 26 Jun 2023 23:16

Tgt Ion:172 Resp: 854377
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.6 19.4 29.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF133967.D

Acq: 26 Jun 2023 23:16

Instrument :

BNA_F

ClientSampleId :

TP3

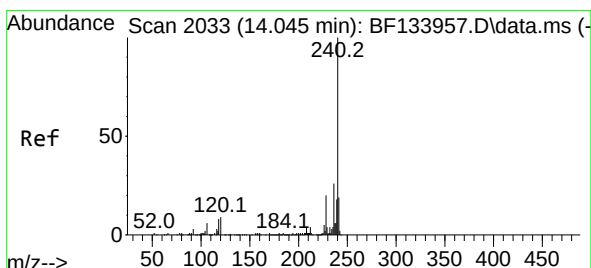
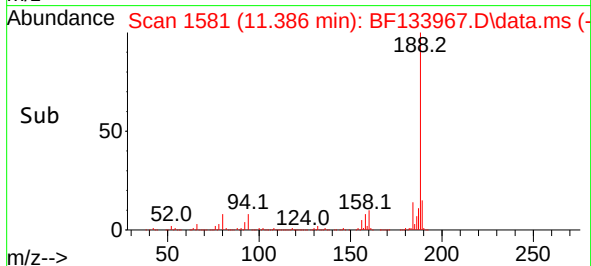
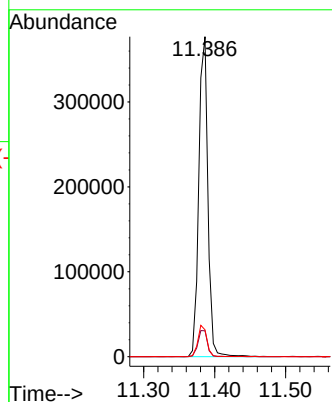
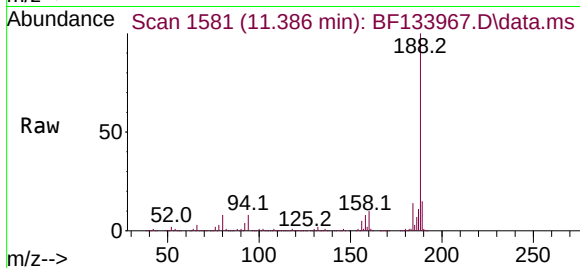
Tgt Ion:188 Resp: 335811

Ion Ratio Lower Upper

188 100

94 8.1 6.4 9.6

80 8.4 7.3 10.9



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. 0.000 min

Lab File: BF133967.D

Acq: 26 Jun 2023 23:16

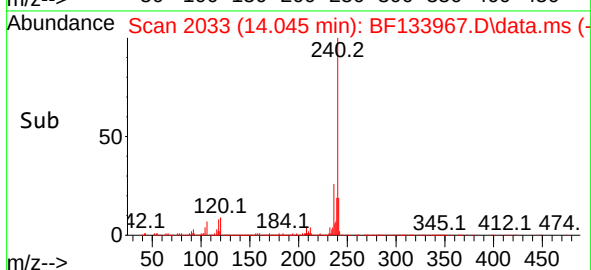
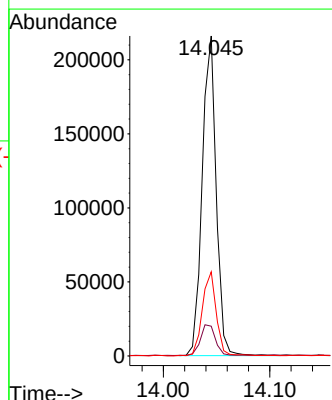
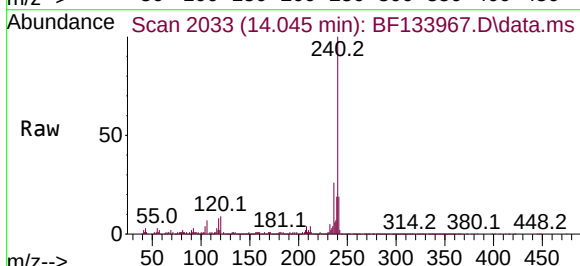
Tgt Ion:240 Resp: 197161

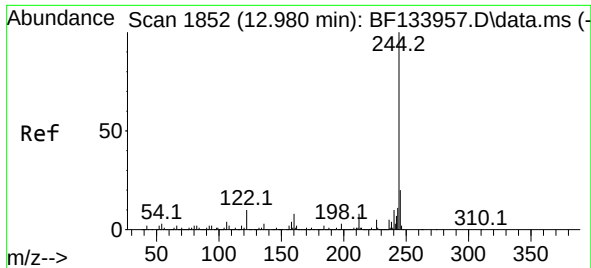
Ion Ratio Lower Upper

240 100

120 9.3 7.4 11.0

236 26.3 21.0 31.6

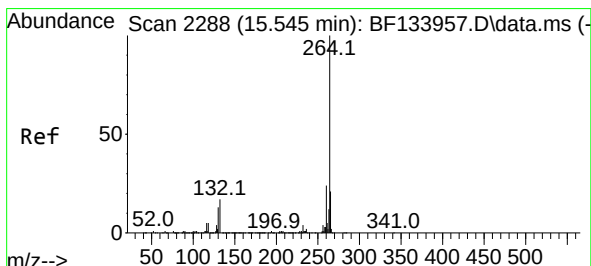
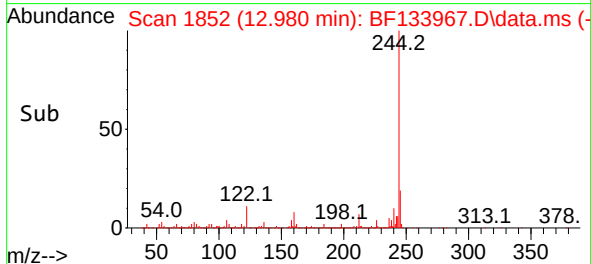
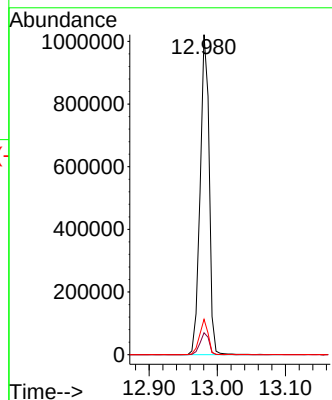
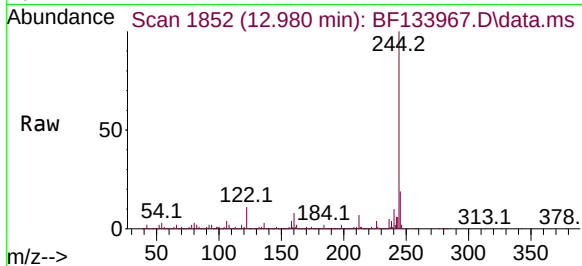




#79
 Terphenyl-d14
 Concen: 76.642 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF133967.D
 Acq: 26 Jun 2023 23:16

Instrument :
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 TP3

Tgt Ion:244 Resp: 938901
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 11.1 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 2289
 Delta R.T. 0.006 min
 Lab File: BF133967.D
 Acq: 26 Jun 2023 23:16

Tgt Ion:264 Resp: 154486
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.9 16.6 25.0

