

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101422\
 Data File : BF130667.D
 Acq On : 14 Oct 2022 16:01
 Operator : CG\JU
 Sample : N5140-08
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Oct 17 02:21:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.581	152	70813	20.000	ng	0.00
21) Naphthalene-d8	7.863	136	278888	20.000	ng	-0.01
39) Acenaphthene-d10	9.610	164	152160	20.000	ng	-0.01
64) Phenanthrene-d10	11.092	188	270382	20.000	ng	0.00
76) Chrysene-d12	13.721	240	174984	20.000	ng	0.00
86) Perylene-d12	15.098	264	125460	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.181	112	357242	90.936	ng	0.00
7) Phenol-d6	6.228	99	445099	90.115	ng	-0.01
23) Nitrobenzene-d5	7.151	82	276587	54.140	ng	-0.01
42) 2,4,6-Tribromophenol	10.398	330	140243	94.194	ng	-0.01
45) 2-Fluorobiphenyl	8.939	172	515810	51.349	ng	-0.01
79) Terphenyl-d14	12.674	244	560188	53.134	ng	-0.01

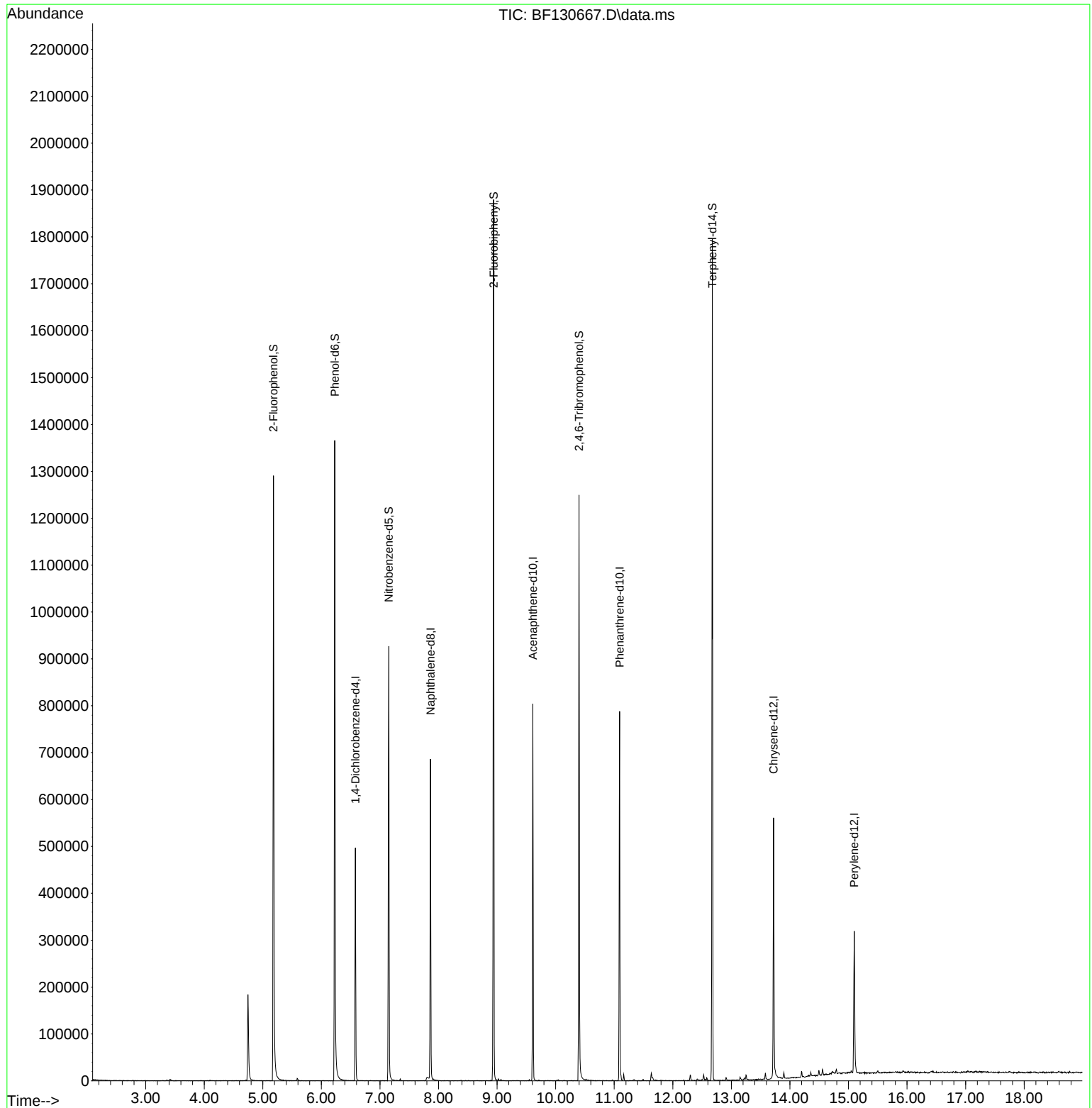
Target Compounds	Qvalue

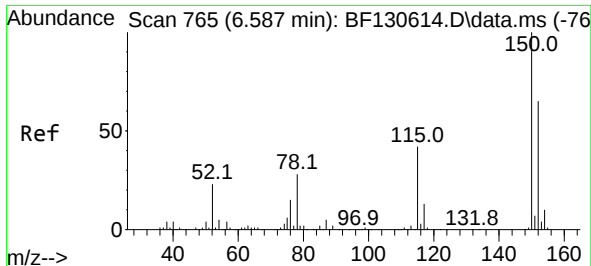
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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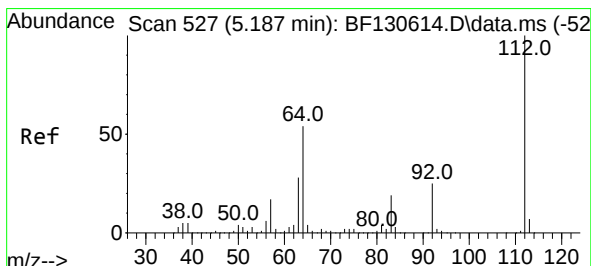
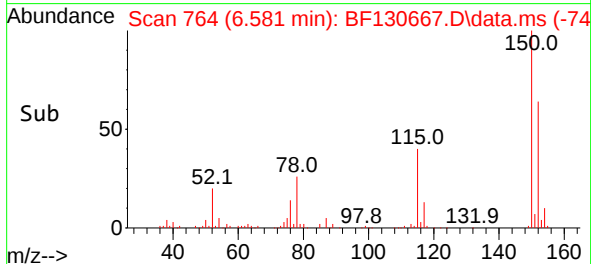
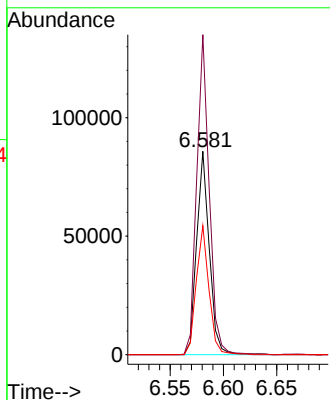
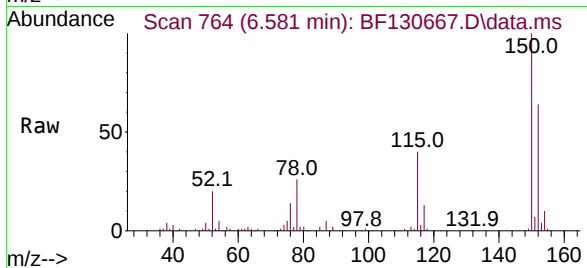




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.581 min Scan# 70
Delta R.T. -0.006 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

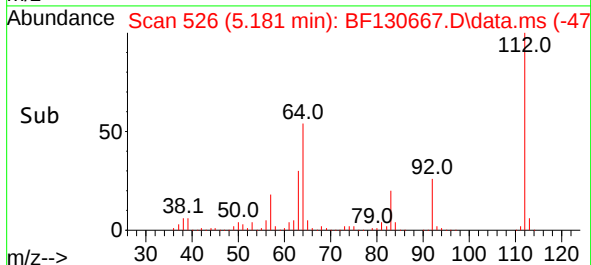
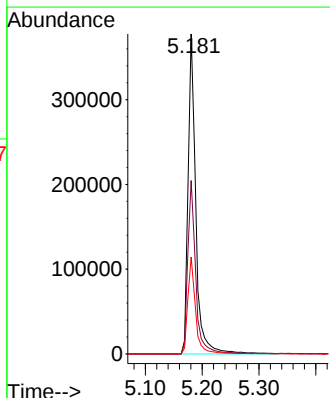
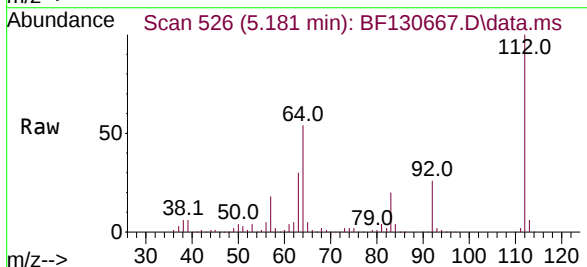
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

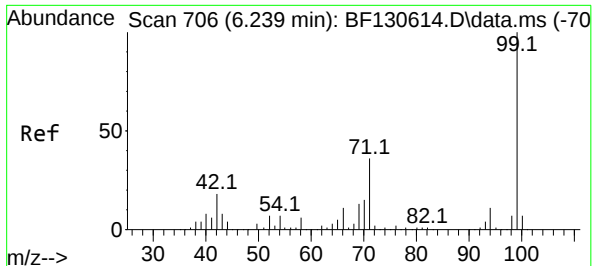
Tgt Ion:152 Resp: 70813
Ion Ratio Lower Upper
152 100
150 157.4 123.8 185.6
115 63.4 52.2 78.4



#5
2-Fluorophenol
Concen: 90.936 ng
RT: 5.181 min Scan# 526
Delta R.T. -0.006 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

Tgt Ion:112 Resp: 357242
Ion Ratio Lower Upper
112 100
64 54.2 43.5 65.3
63 30.3 22.6 34.0

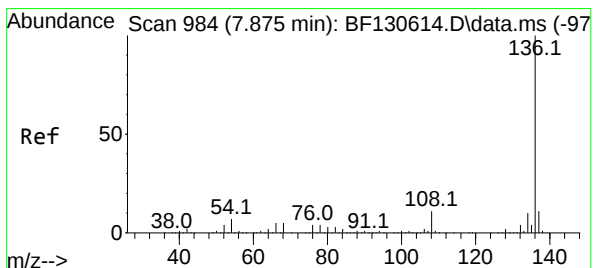
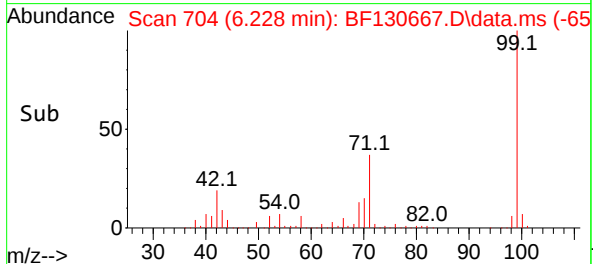
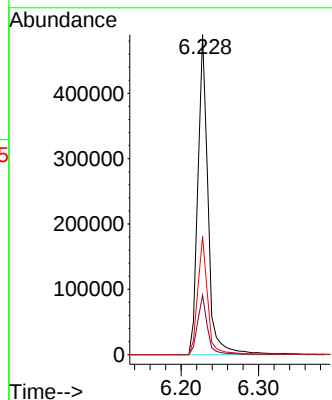
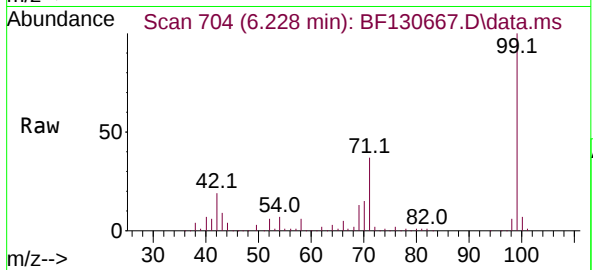




#7
Phenol-d6
Concen: 90.115 ng
RT: 6.228 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

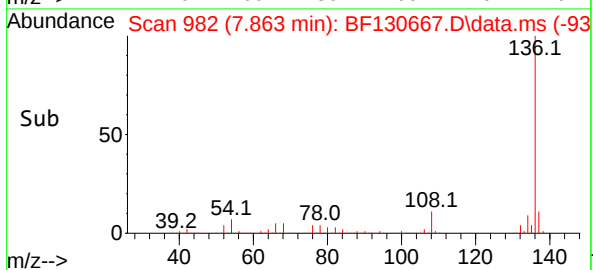
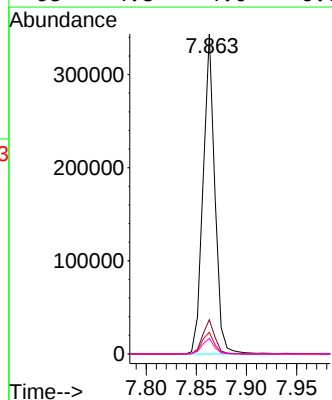
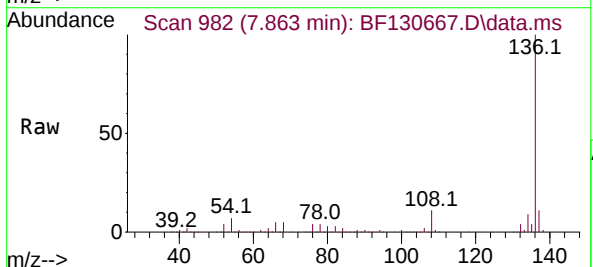
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

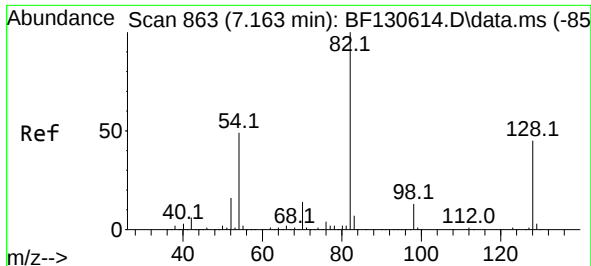
Tgt Ion: 99 Resp: 445099
Ion Ratio Lower Upper
99 100
42 18.6 14.0 21.0
71 36.9 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

Tgt Ion: 136 Resp: 278888
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 6.7 5.5 8.3
68 4.8 4.0 6.0

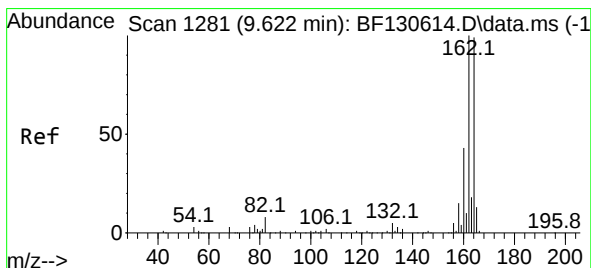
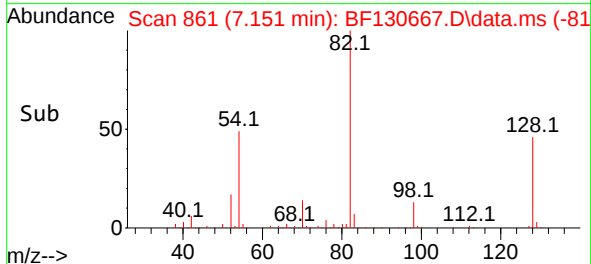
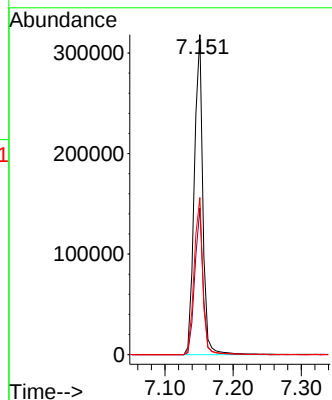
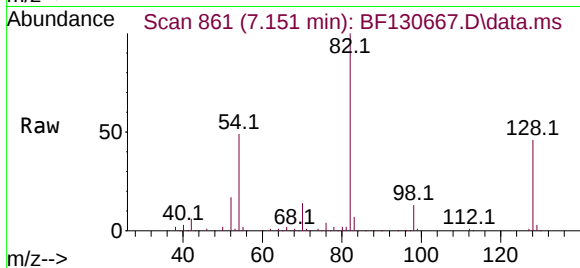




#23
Nitrobenzene-d5
Concen: 54.140 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.012 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

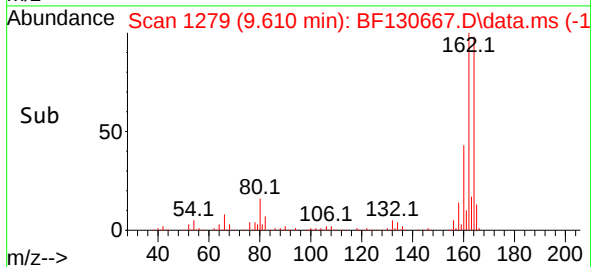
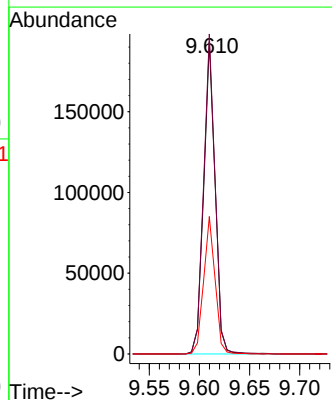
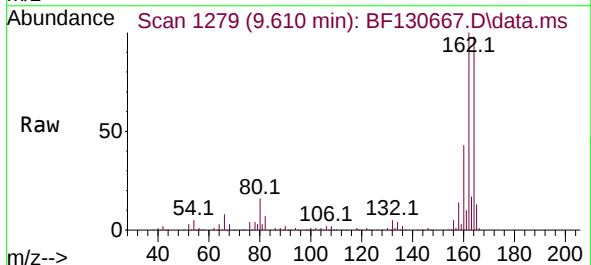
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

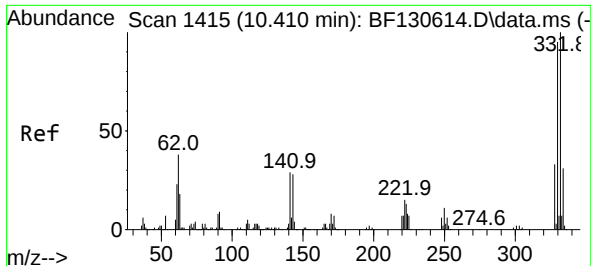
Tgt Ion: 82 Resp: 276587
Ion Ratio Lower Upper
82 100
128 45.8 35.8 53.6
54 49.1 39.3 58.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

Tgt Ion:164 Resp: 152160
Ion Ratio Lower Upper
164 100
162 102.5 81.0 121.4
160 44.0 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 94.194 ng

RT: 10.398 min Scan# 1415

Delta R.T. -0.012 min

Lab File: BF130667.D

Acq: 14 Oct 2022 16:01

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

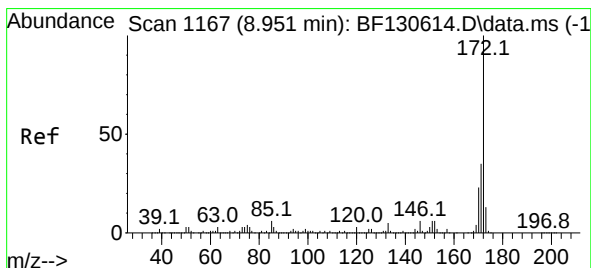
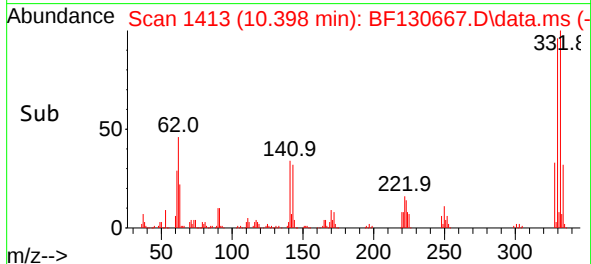
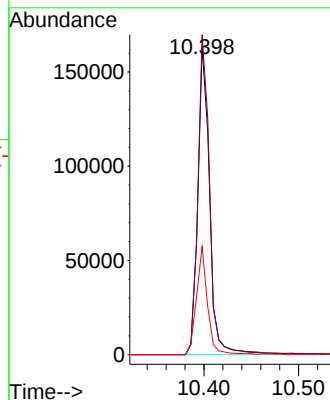
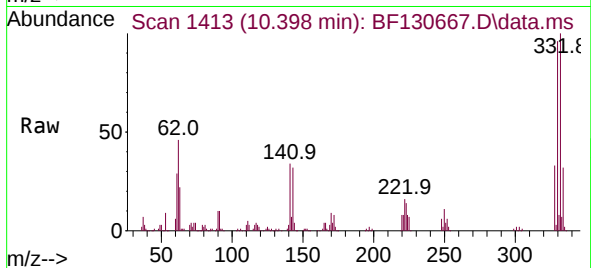
Tgt Ion:330 Resp: 140243

Ion Ratio Lower Upper

330 100

332 105.0 84.2 126.4

141 33.1 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 51.349 ng

RT: 8.939 min Scan# 1165

Delta R.T. -0.012 min

Lab File: BF130667.D

Acq: 14 Oct 2022 16:01

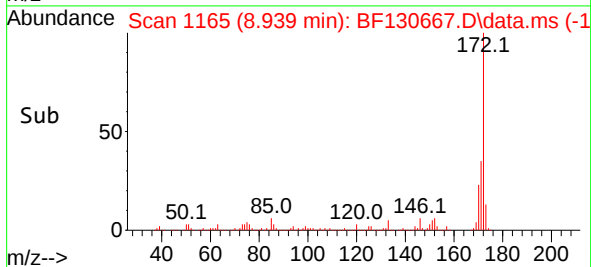
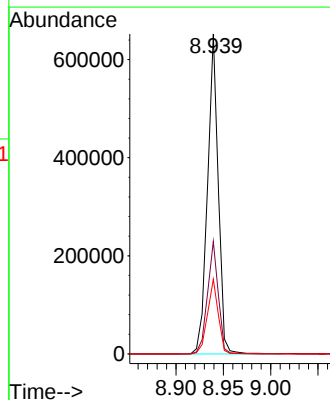
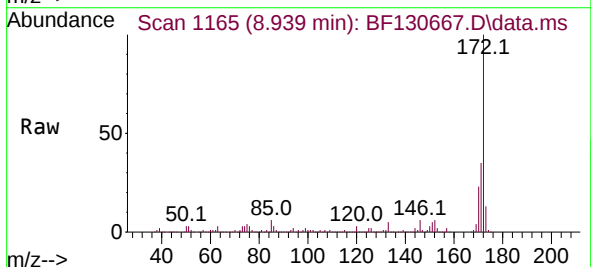
Tgt Ion:172 Resp: 515810

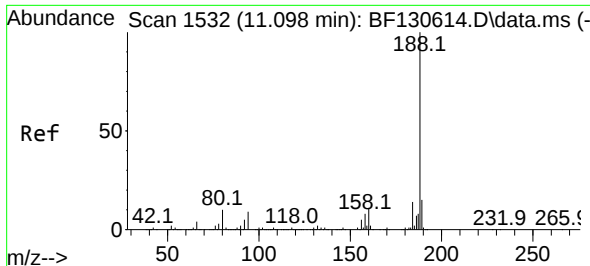
Ion Ratio Lower Upper

172 100

171 35.2 27.8 41.8

170 23.3 18.6 27.8

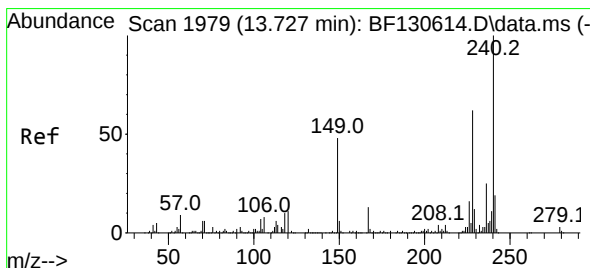
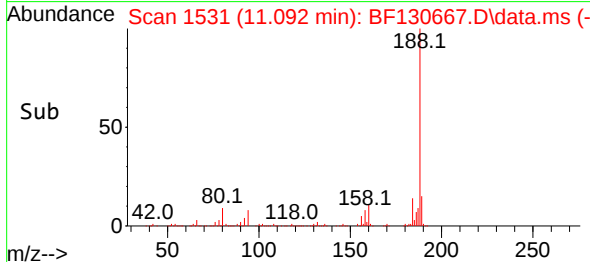
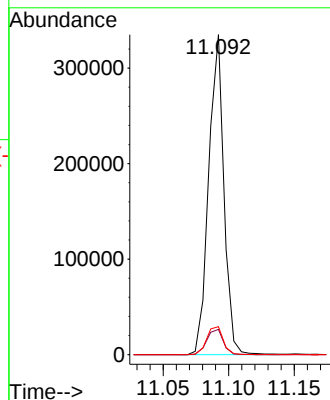
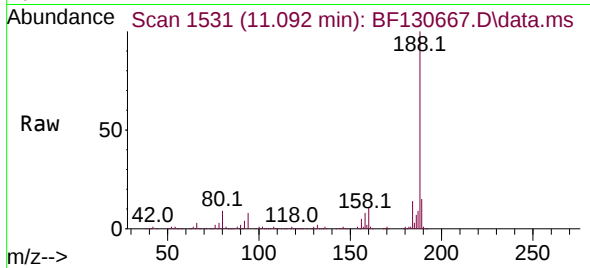




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.092 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

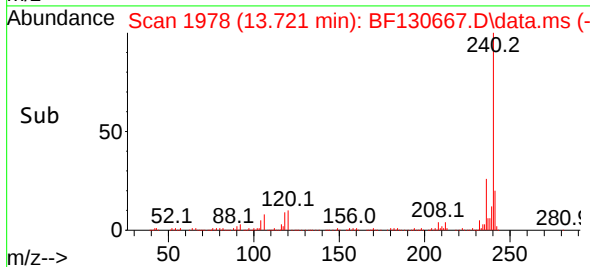
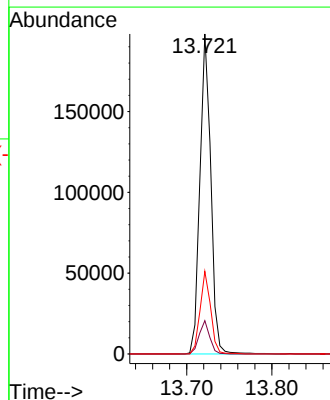
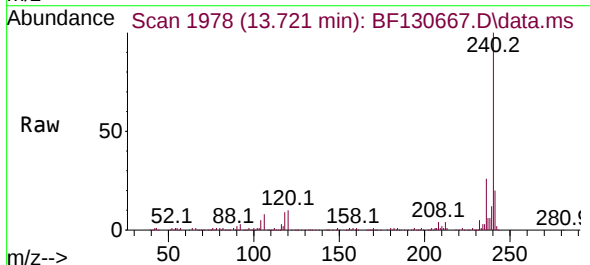
Instrument :
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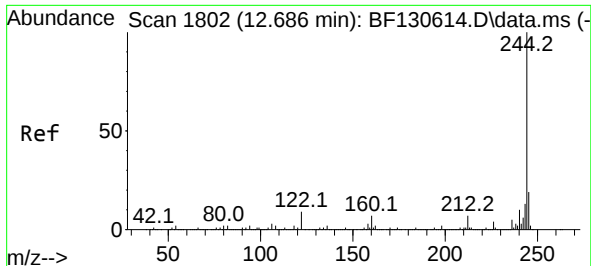
Tgt Ion:188 Resp: 270382
Ion Ratio Lower Upper
188 100
94 7.9 7.4 11.2
80 8.7 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.721 min Scan# 1978
Delta R.T. -0.006 min
Lab File: BF130667.D
Acq: 14 Oct 2022 16:01

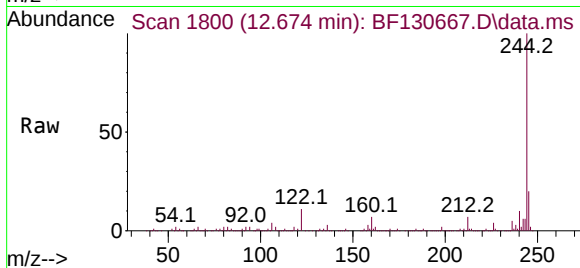
Tgt Ion:240 Resp: 174984
Ion Ratio Lower Upper
240 100
120 10.4 8.6 13.0
236 25.8 20.2 30.4



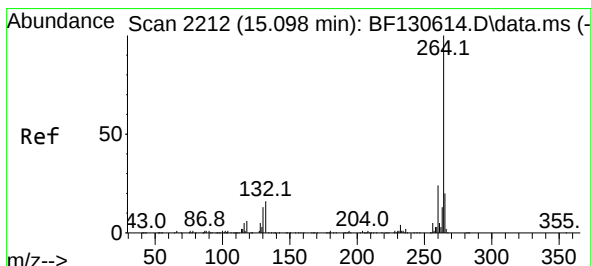
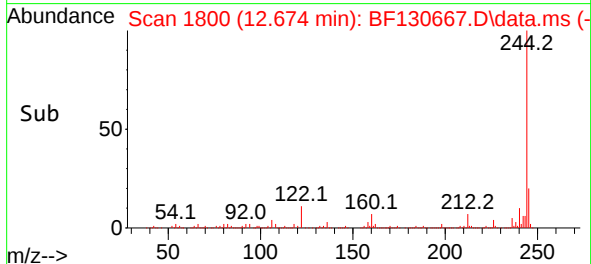
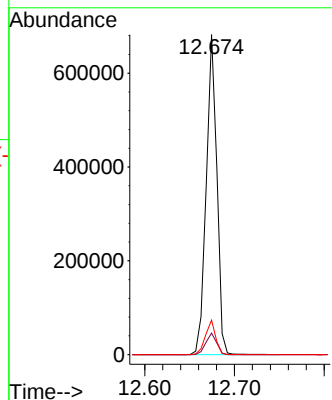


#79
 Terphenyl-d14
 Concen: 53.134 ng
 RT: 12.674 min Scan# 1800
 Delta R.T. -0.012 min
 Lab File: BF130667.D
 Acq: 14 Oct 2022 16:01

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:244 Resp: 560188
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.8 7.5 11.3



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: BF130667.D
 Acq: 14 Oct 2022 16:01

Tgt Ion:264 Resp: 125460
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.6 16.4 24.6

