

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101822\
 Data File : BF130697.D
 Acq On : 18 Oct 2022 14:35
 Operator : CG\JU
 Sample : PB148409BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148409BL

Quant Time: Oct 18 16:02:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.575	152	123695	20.000	ng	0.00
21) Naphthalene-d8	7.857	136	498325	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	260590	20.000	ng	0.00
64) Phenanthrene-d10	11.086	188	449371	20.000	ng	0.00
76) Chrysene-d12	13.715	240	333258	20.000	ng	0.00
86) Perylene-d12	15.098	264	257054	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	862978	125.757	ng	0.02
7) Phenol-d6	6.228	99	1086611	125.944	ng	0.00
23) Nitrobenzene-d5	7.145	82	674882	73.932	ng	0.00
42) 2,4,6-Tribromophenol	10.398	330	309077	121.213	ng	0.00
45) 2-Fluorobiphenyl	8.933	172	1295840	75.324	ng	0.00
79) Terphenyl-d14	12.674	244	1443844	71.908	ng	0.00

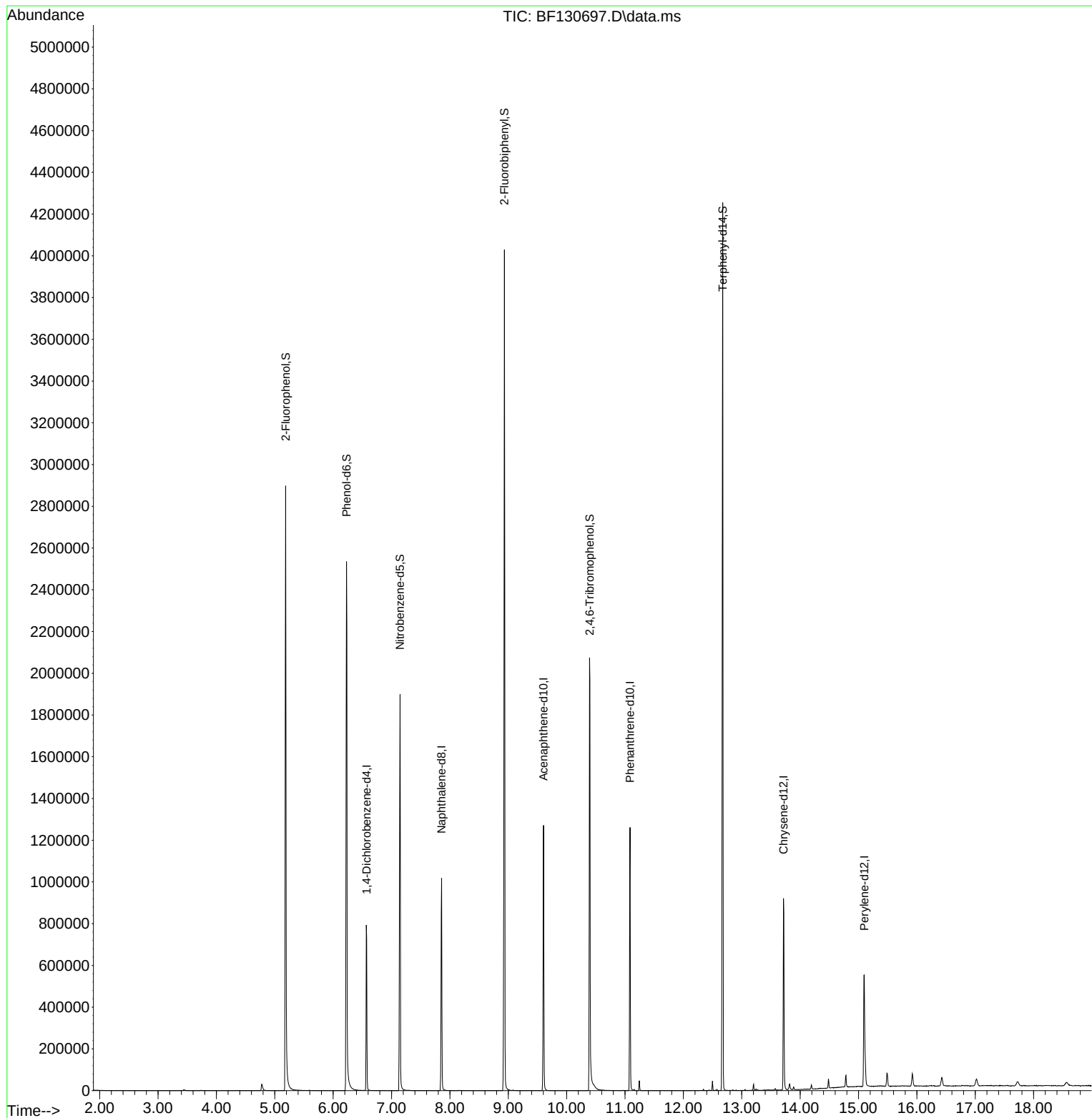
Target Compounds	Qvalue

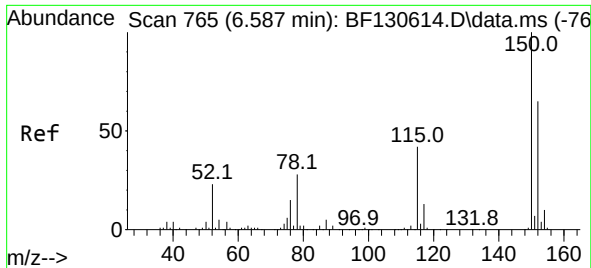
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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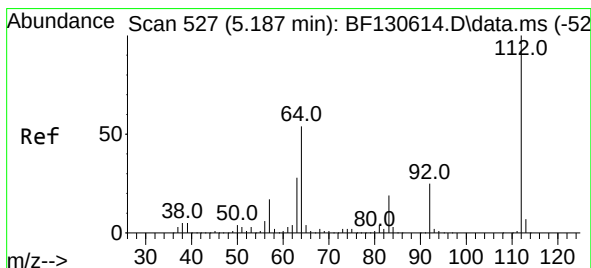
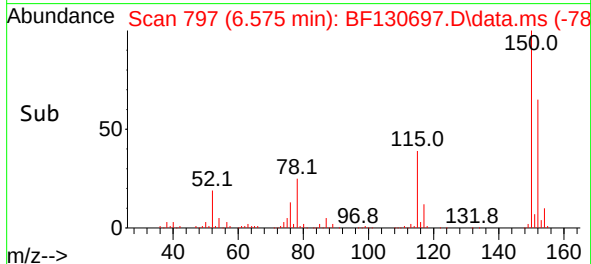
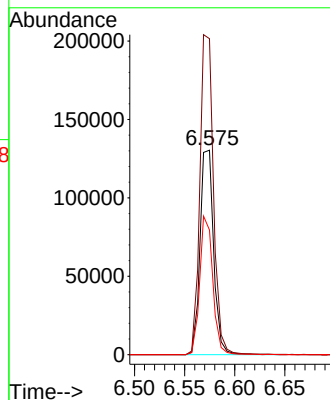
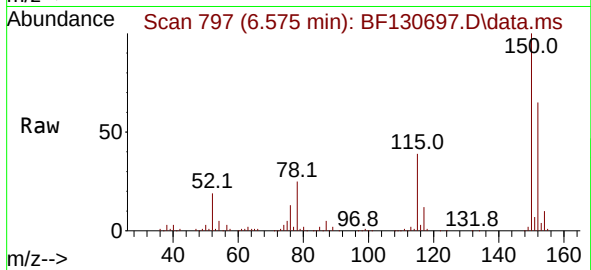




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.575 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

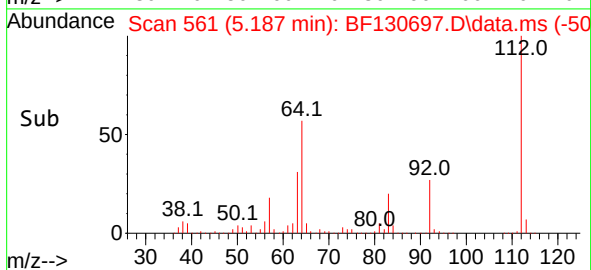
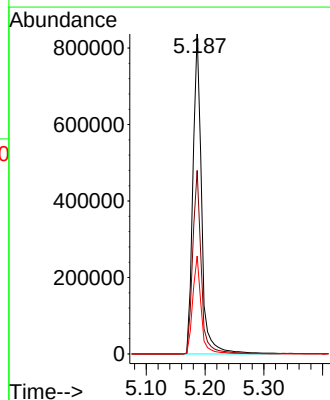
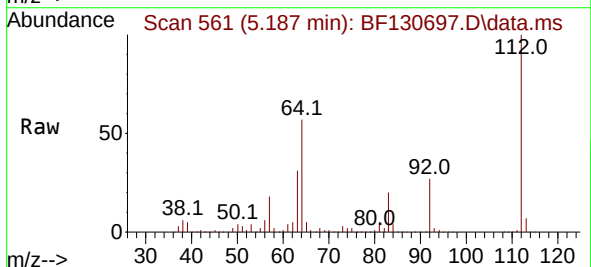
Instrument :
BNA_F
ClientSampleId :
PB148409BL

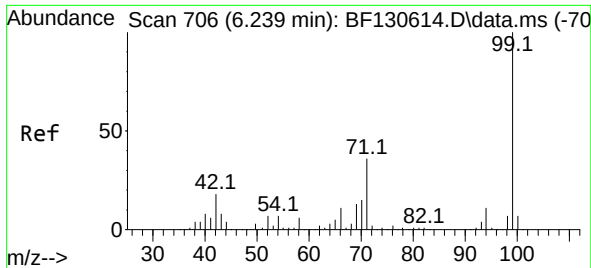
Tgt Ion:152 Resp: 123695
Ion Ratio Lower Upper
152 100
150 154.5 123.8 185.6
115 60.9 52.2 78.4



#5
2-Fluorophenol
Concen: 125.757 ng
RT: 5.187 min Scan# 561
Delta R.T. 0.017 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

Tgt Ion:112 Resp: 862978
Ion Ratio Lower Upper
112 100
64 57.3 43.5 65.3
63 30.6 22.6 34.0

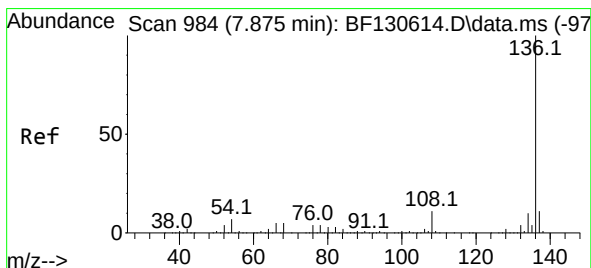
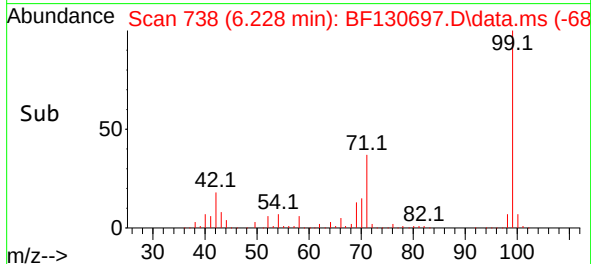
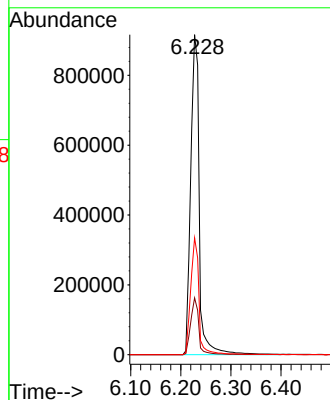
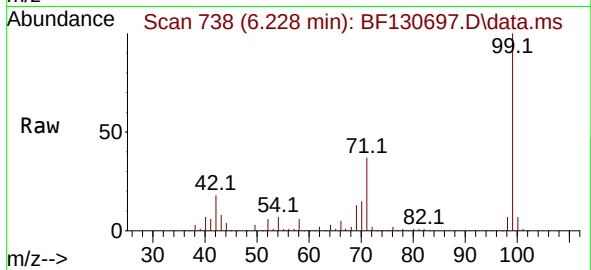




#7
Phenol-d6
Concen: 125.944 ng
RT: 6.228 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

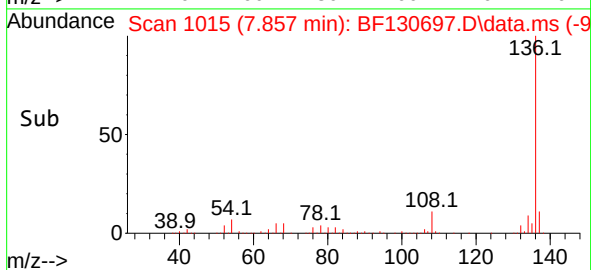
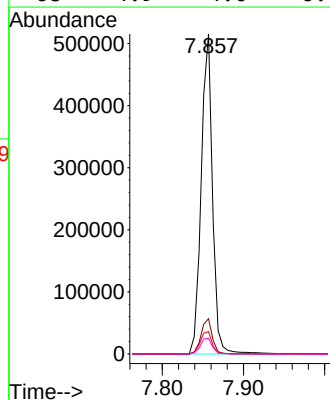
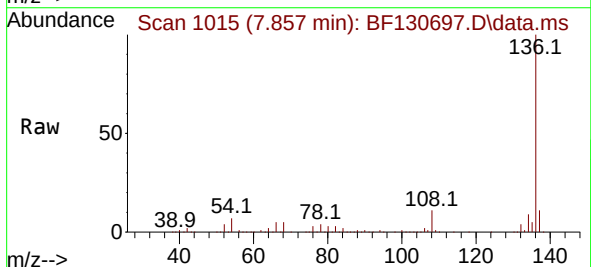
Instrument :
BNA_F
ClientSampleId :
PB148409BL

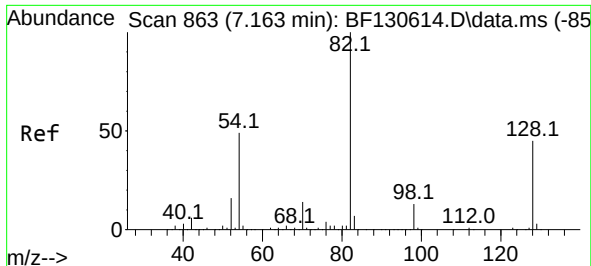
Tgt Ion: 99 Resp: 1086611
Ion Ratio Lower Upper
99 100
42 17.8 14.0 21.0
71 36.5 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.857 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

Tgt Ion: 136 Resp: 498325
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.0 5.5 8.3
68 4.9 4.0 6.0

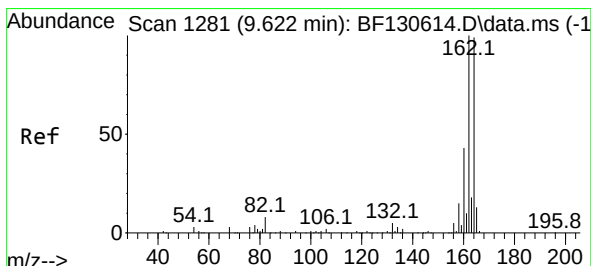
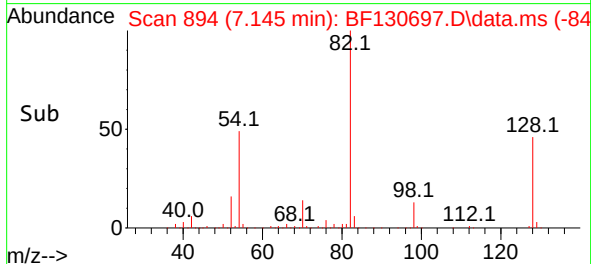
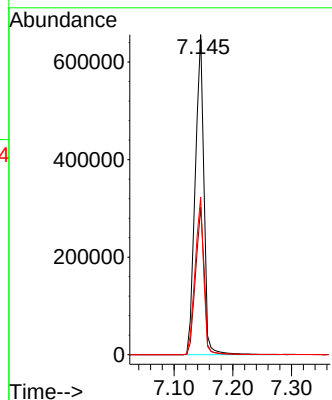
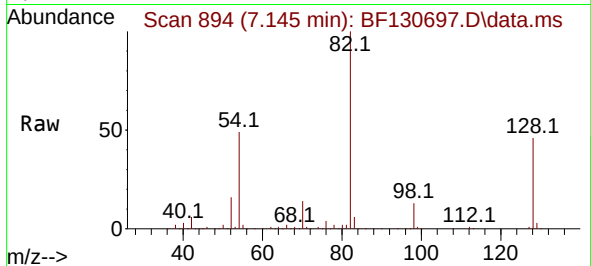




#23
Nitrobenzene-d5
Concen: 73.932 ng
RT: 7.145 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

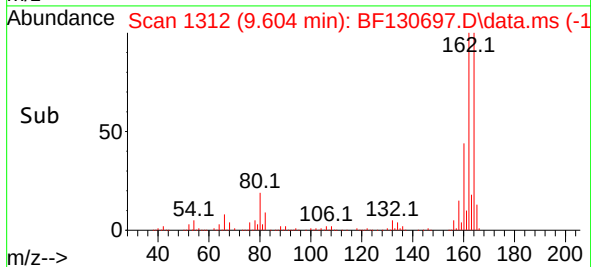
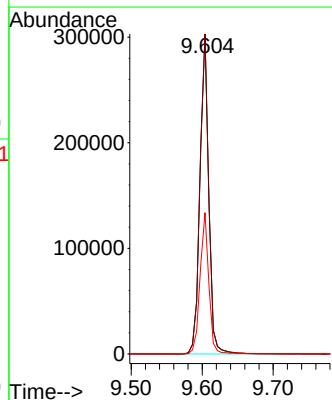
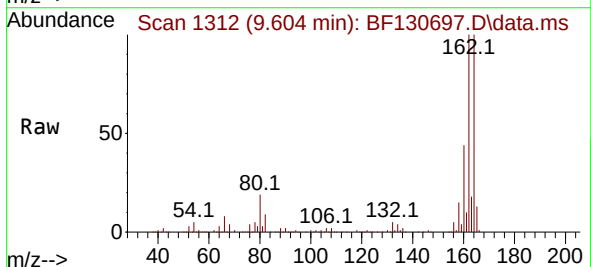
Instrument :
BNA_F
ClientSampleId :
PB148409BL

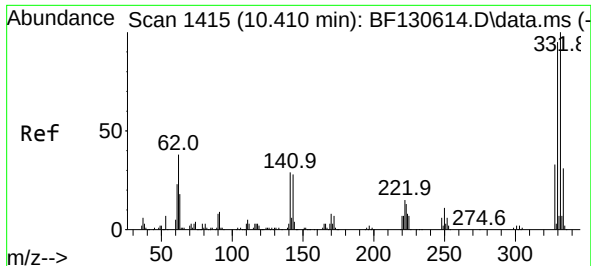
Tgt Ion: 82 Resp: 674882
Ion Ratio Lower Upper
82 100
128 46.0 35.8 53.6
54 49.2 39.3 58.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 1312
Delta R.T. -0.006 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

Tgt Ion:164 Resp: 260590
Ion Ratio Lower Upper
164 100
162 100.1 81.0 121.4
160 44.2 34.5 51.7





#42

2,4,6-Tribromophenol

Concen: 121.213 ng

RT: 10.398 min Scan# 1415

Delta R.T. -0.000 min

Lab File: BF130697.D

Acq: 18 Oct 2022 14:35

Instrument :

BNA_F

ClientSampleId :

PB148409BL

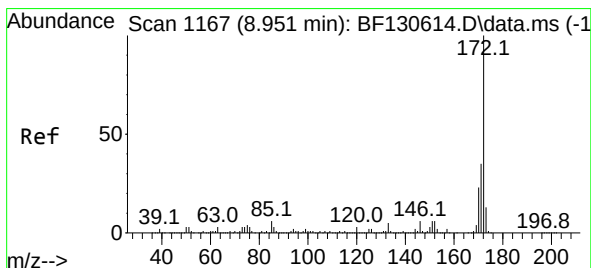
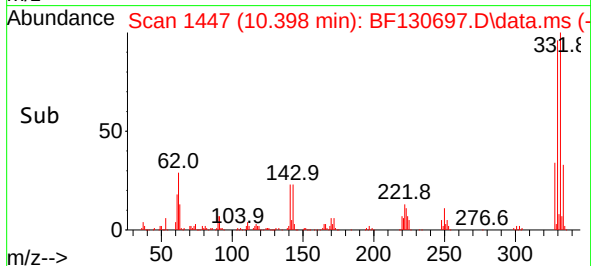
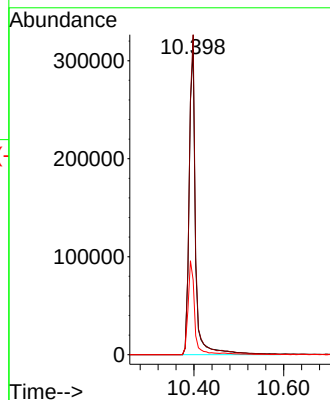
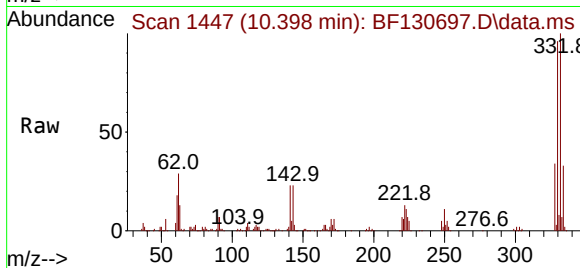
Tgt Ion:330 Resp: 309077

Ion Ratio Lower Upper

330 100

332 103.0 84.2 126.4

141 30.9 26.8 40.2



#45

2-Fluorobiphenyl

Concen: 75.324 ng

RT: 8.933 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF130697.D

Acq: 18 Oct 2022 14:35

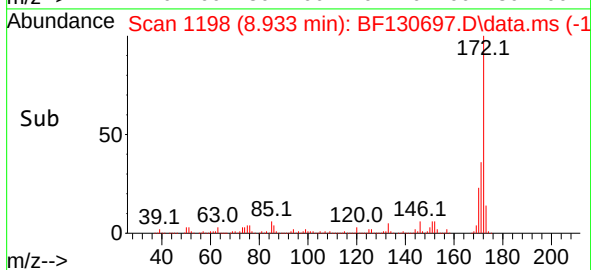
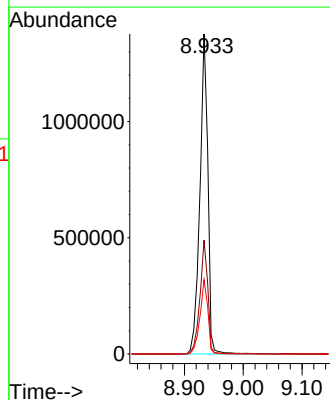
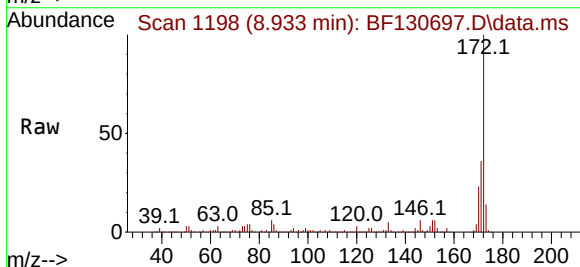
Tgt Ion:172 Resp: 1295840

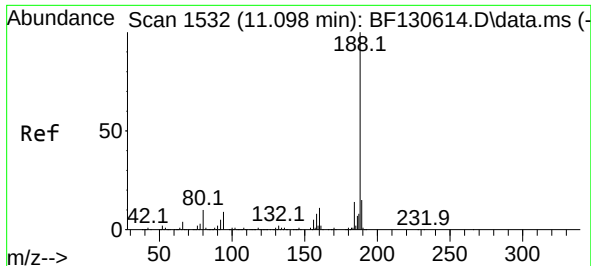
Ion Ratio Lower Upper

172 100

171 35.6 27.8 41.8

170 23.3 18.6 27.8

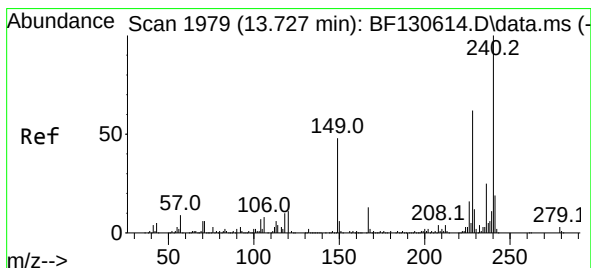
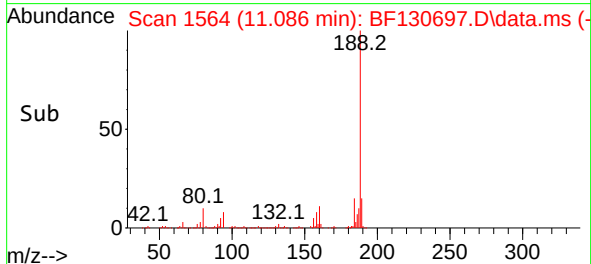
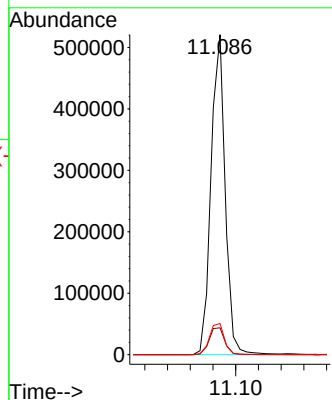
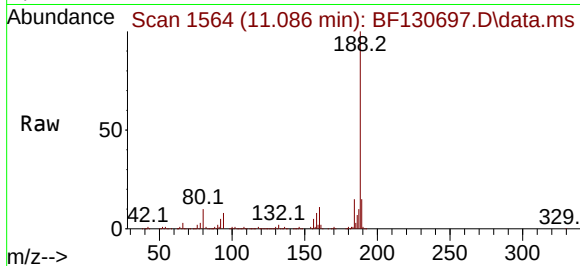




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

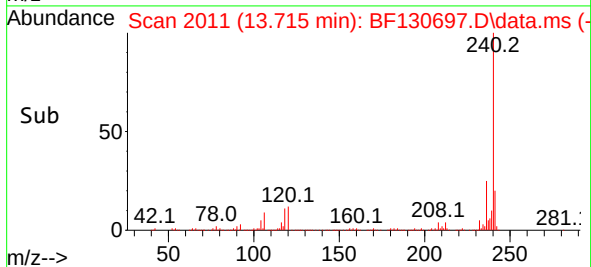
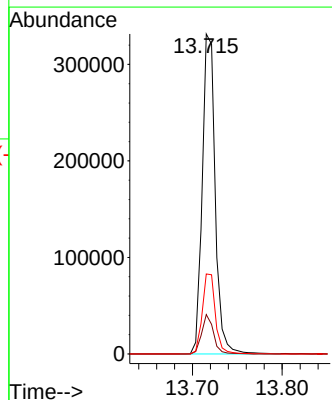
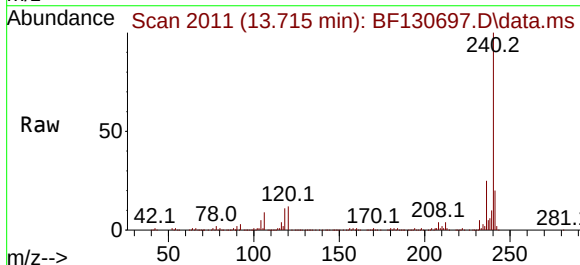
Instrument :
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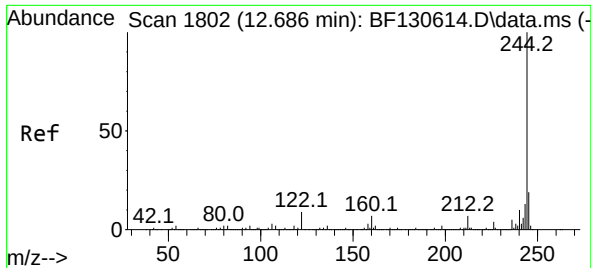
Tgt Ion:188 Resp: 449371
Ion Ratio Lower Upper
188 100
94 8.4 7.4 11.2
80 9.8 8.0 12.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.715 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF130697.D
Acq: 18 Oct 2022 14:35

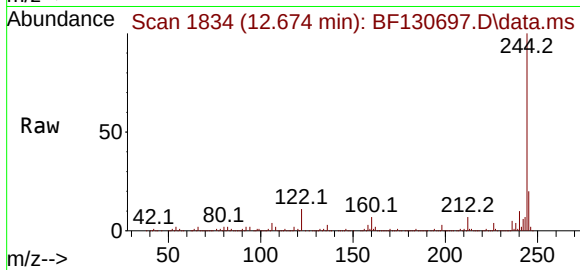
Tgt Ion:240 Resp: 333258
Ion Ratio Lower Upper
240 100
120 12.3 8.6 13.0
236 25.0 20.2 30.4



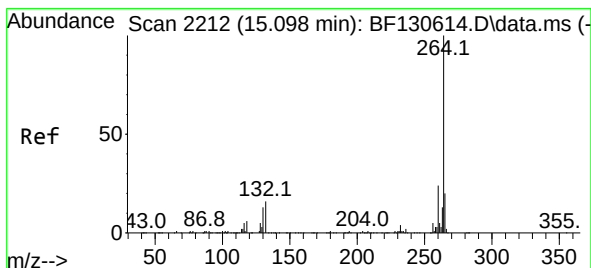
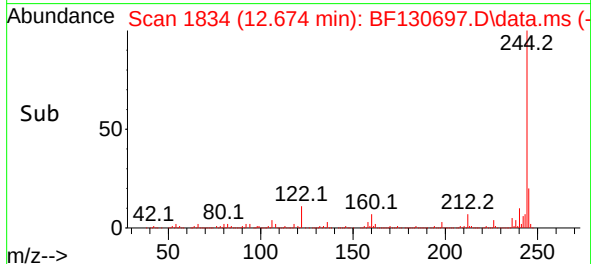
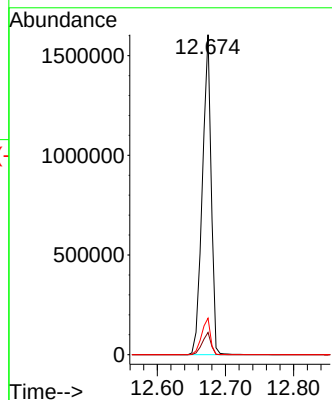


#79
 Terphenyl-d14
 Concen: 71.908 ng
 RT: 12.674 min Scan# 1802
 Delta R.T. -0.000 min
 Lab File: BF130697.D
 Acq: 18 Oct 2022 14:35

Instrument :
 BNA_F
 ClientSampleId :
 PB148409BL



Tgt Ion:244 Resp: 1443844
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 11.4 7.5 11.3#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.098 min Scan# 2246
 Delta R.T. 0.012 min
 Lab File: BF130697.D
 Acq: 18 Oct 2022 14:35

Tgt Ion:264 Resp: 257054
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.1 28.7
 265 20.8 16.4 24.6

