

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139918.D
 Acq On : 22 Oct 2024 10:07
 Operator : RC/JU
 Sample : PB164152BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164152BL

Quant Time: Oct 22 11:03:00 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	172111	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	677974	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	382757	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	694413	20.000	ng	0.00
76) Chrysene-d12	14.051	240	463918	20.000	ng	0.00
86) Perylene-d12	15.527	264	350902	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1329279	120.909	ng	0.02
7) Phenol-d6	6.510	99	1676066	117.709	ng	0.00
23) Nitrobenzene-d5	7.451	82	1085811	88.764	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	497190	138.873	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1952459	84.305	ng	0.00
79) Terphenyl-d14	13.004	244	2231486	78.379	ng	0.00

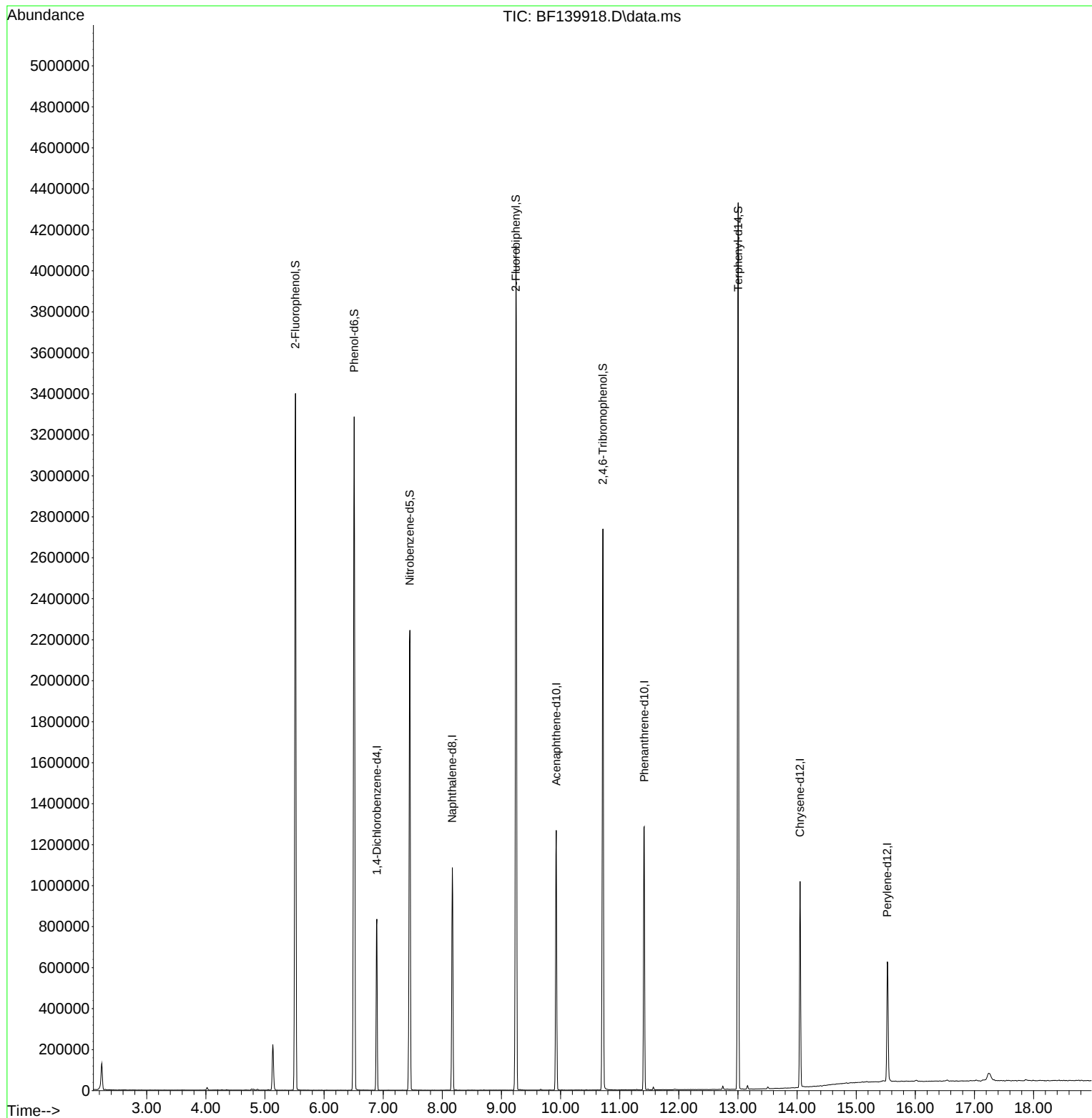
Target Compounds	Qvalue

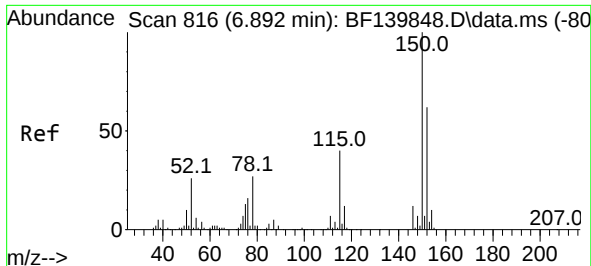
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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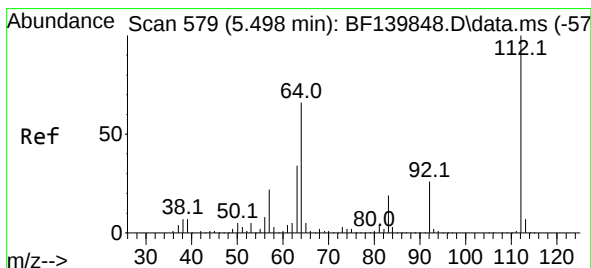
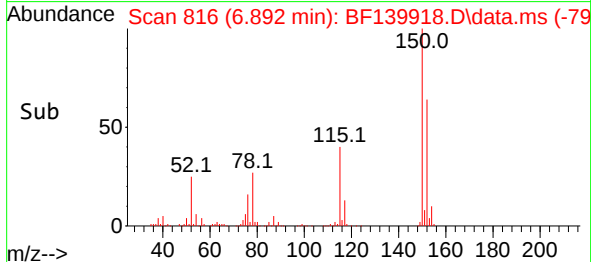
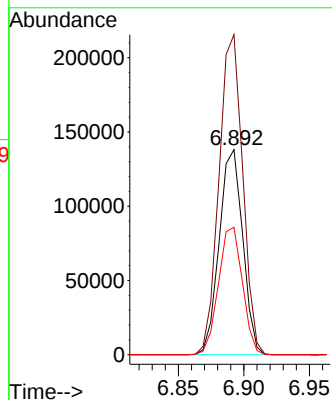
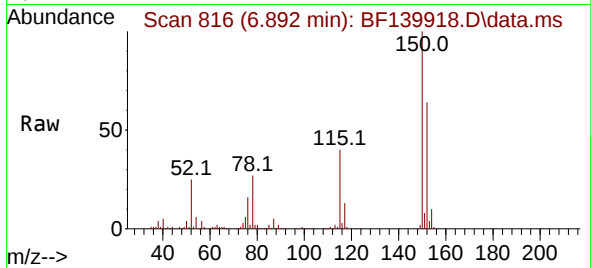




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

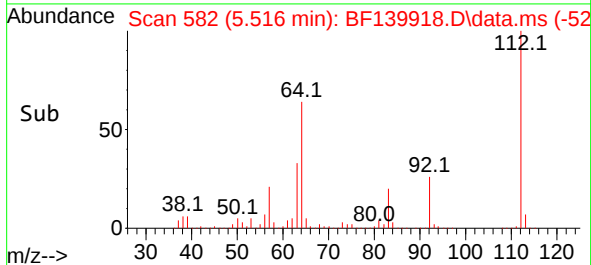
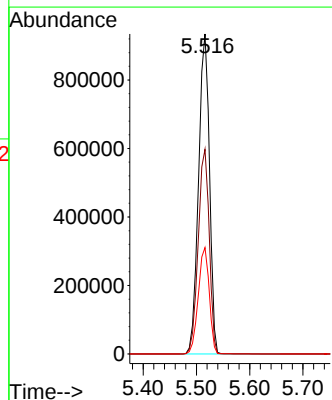
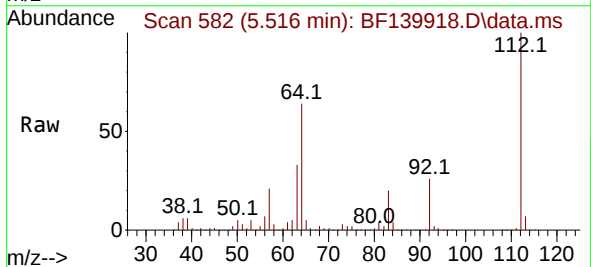
Instrument :
BNA_F
ClientSampleId :
PB164152BL

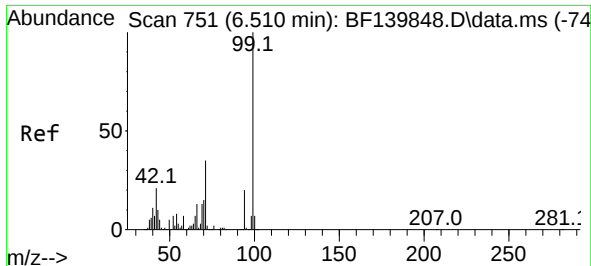
Tgt Ion:152 Resp: 172111
Ion Ratio Lower Upper
152 100
150 156.0 130.2 195.2
115 62.1 51.4 77.2



#5
2-Fluorophenol
Concen: 120.909 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

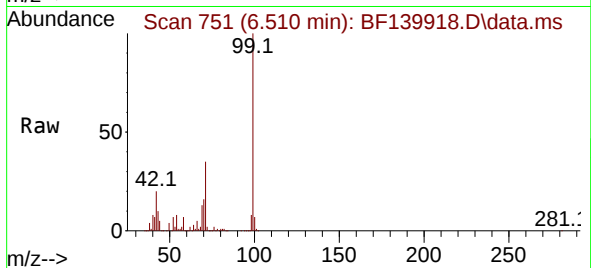
Tgt Ion:112 Resp: 1329279
Ion Ratio Lower Upper
112 100
64 63.9 53.0 79.6
63 33.2 27.0 40.4





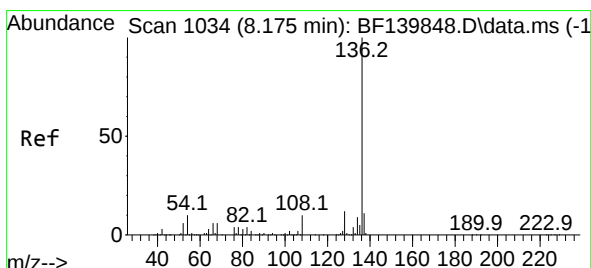
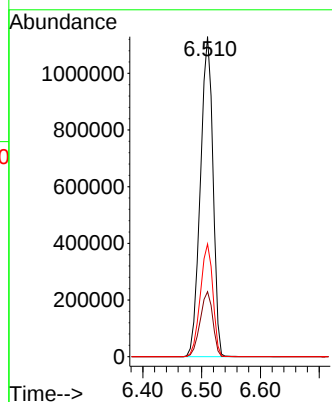
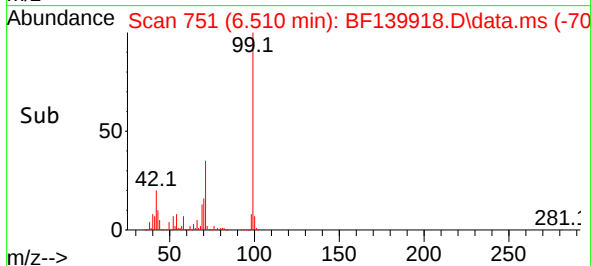
#7
Phenol-d6
Concen: 117.709 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

Instrument :
BNA_F
ClientSampleId :
PB164152BL

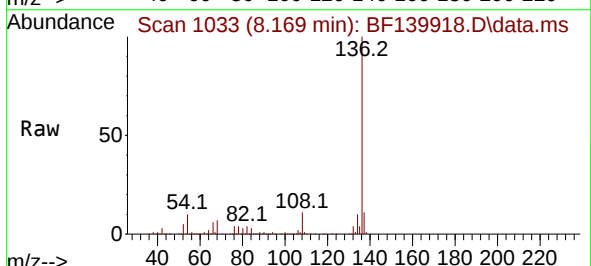


Tgt Ion: 99 Resp: 1676066

Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.7	25.1
71	35.2	27.7	41.5

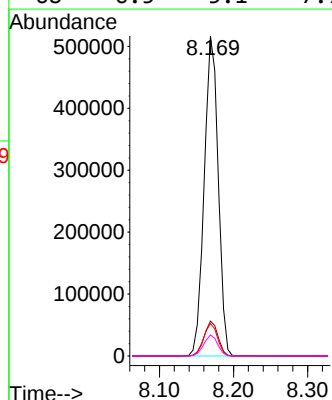
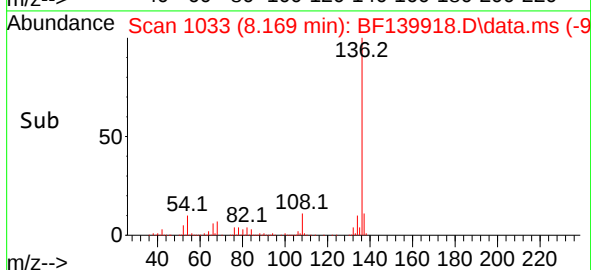


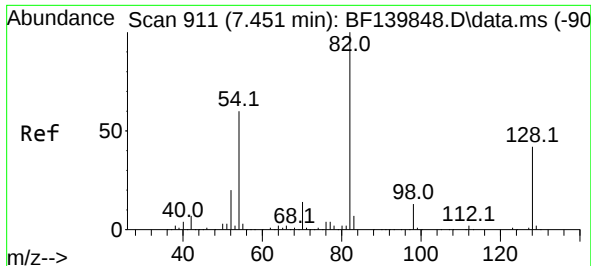
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07



Tgt Ion: 136 Resp: 677974

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	10.2	8.4	12.6
68	6.5	5.1	7.7





#23

Nitrobenzene-d5

Concen: 88.764 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF139918.D

Acq: 22 Oct 2024 10:07

Instrument :

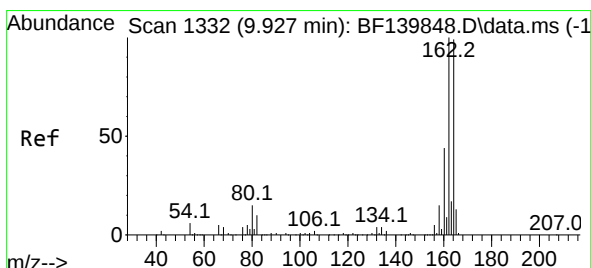
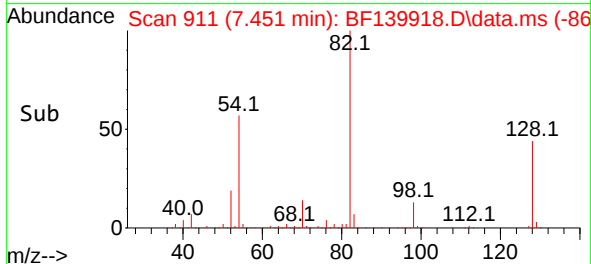
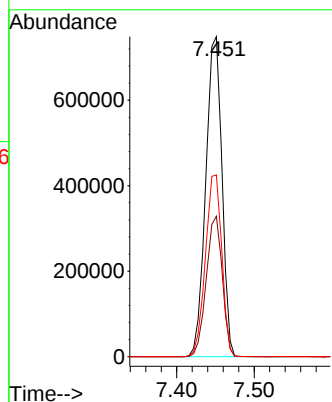
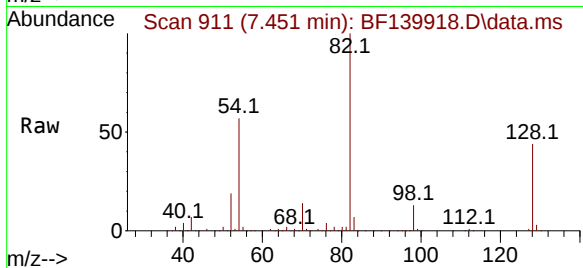
BNA_F

ClientSampleId :

PB164152BL

Tgt Ion: 82 Resp: 1085811

Ion	Ratio	Lower	Upper
82	100		
128	43.9	33.4	50.0
54	56.8	47.8	71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.927 min Scan# 1332

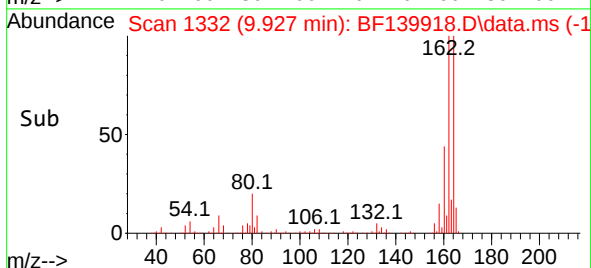
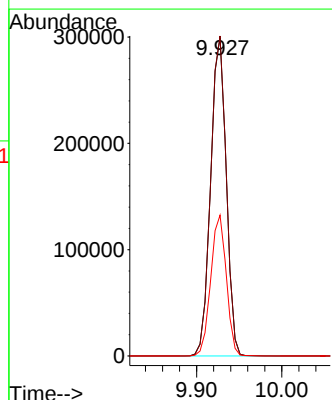
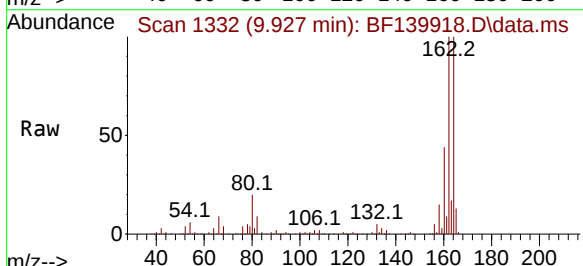
Delta R.T. 0.000 min

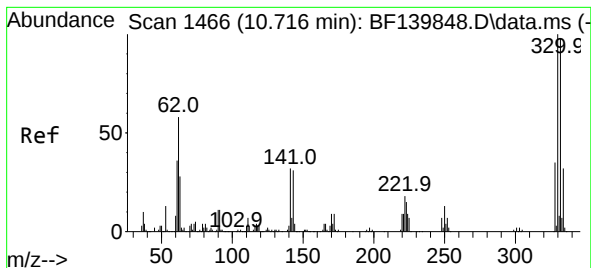
Lab File: BF139918.D

Acq: 22 Oct 2024 10:07

Tgt Ion:164 Resp: 382757

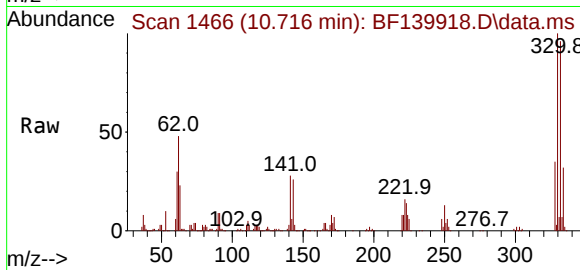
Ion	Ratio	Lower	Upper
164	100		
162	100.4	81.0	121.4
160	44.2	35.4	53.0



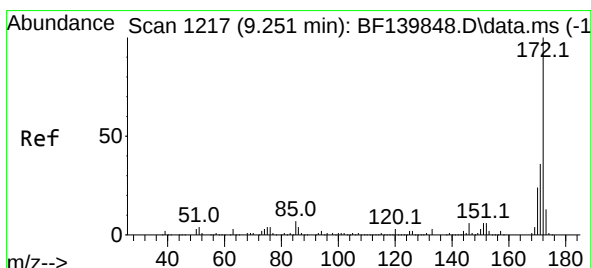
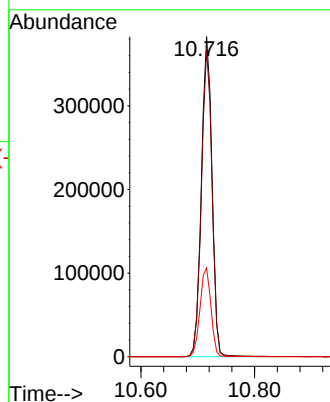
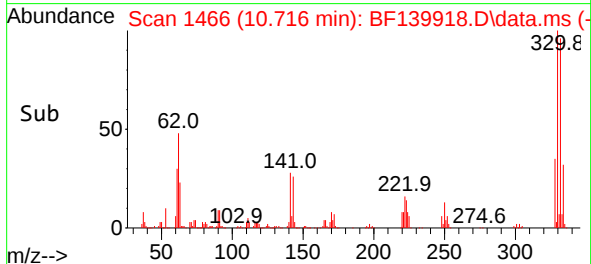


#42
2,4,6-Tribromophenol
Concen: 138.873 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

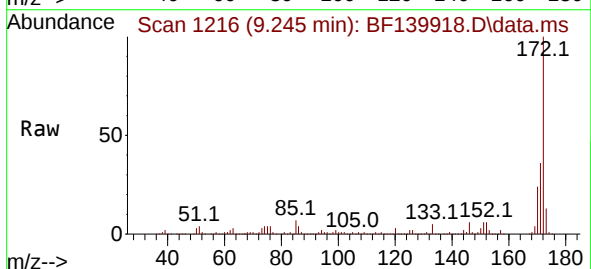
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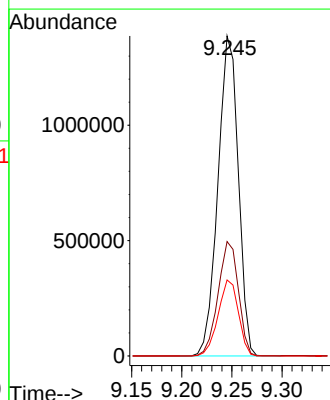
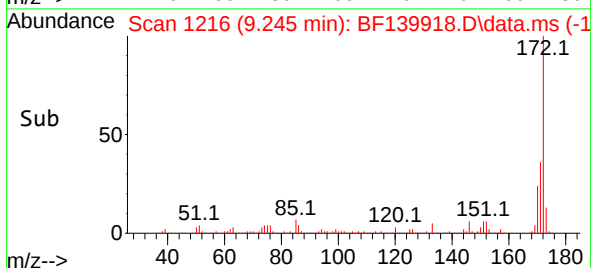
Tgt Ion:330 Resp: 497190
Ion Ratio Lower Upper
330 100
332 95.7 78.1 117.1
141 28.7 26.6 39.8

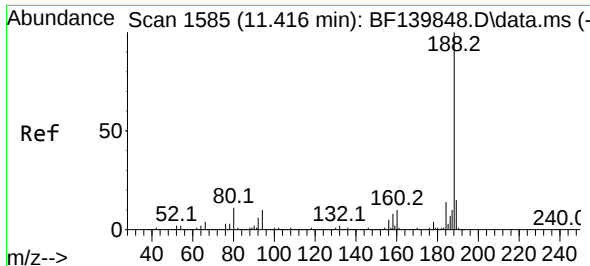


#45
2-Fluorobiphenyl
Concen: 84.305 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07



Tgt Ion:172 Resp: 1952459
Ion Ratio Lower Upper
172 100
171 35.8 28.6 43.0
170 23.7 19.1 28.7

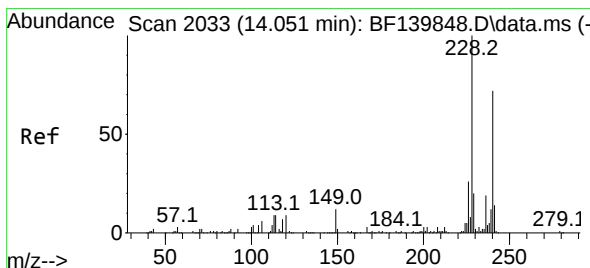
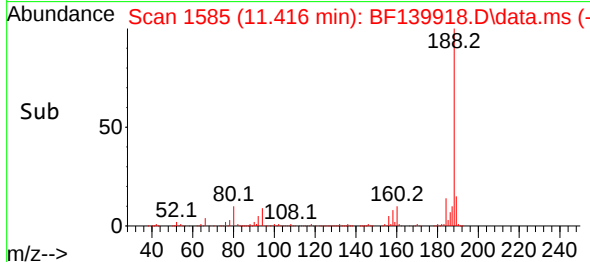
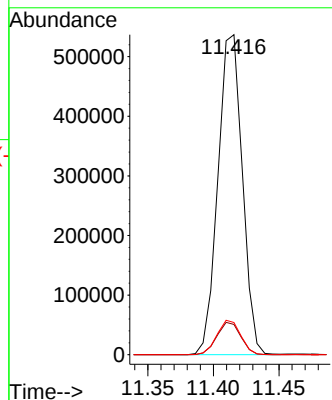
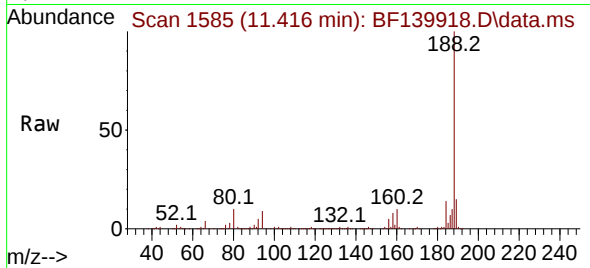




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

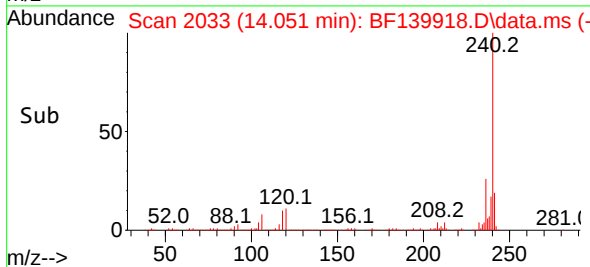
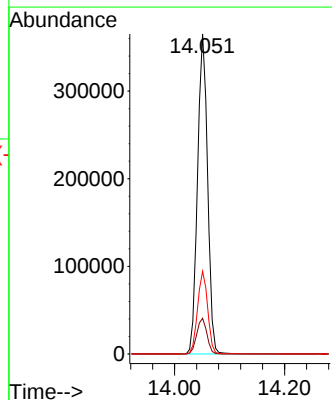
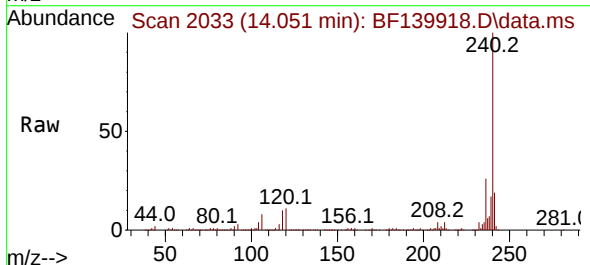
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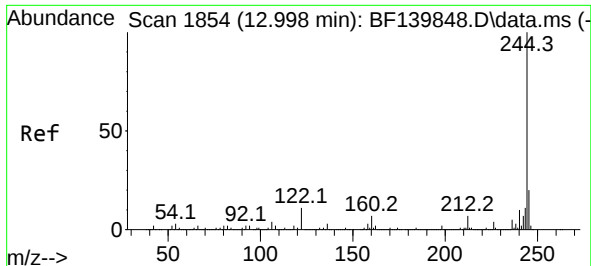
Tgt Ion:188 Resp: 694413
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.0 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139918.D
Acq: 22 Oct 2024 10:07

Tgt Ion:240 Resp: 463918
Ion Ratio Lower Upper
240 100
120 11.2 9.4 14.2
236 25.9 20.9 31.3

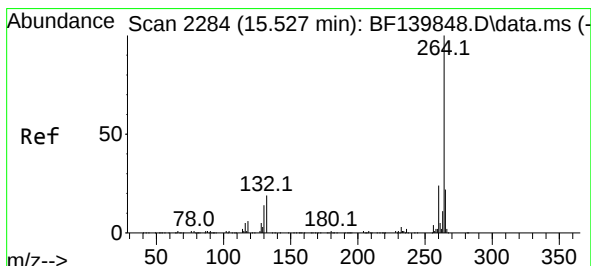
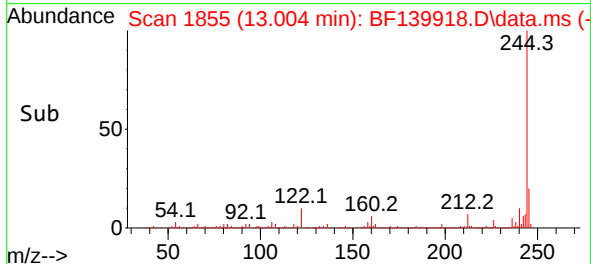
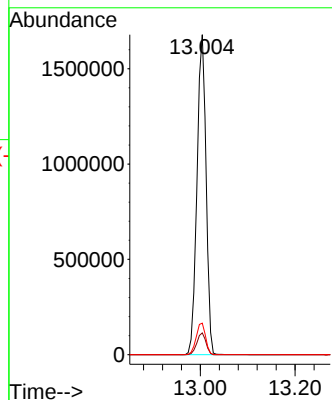
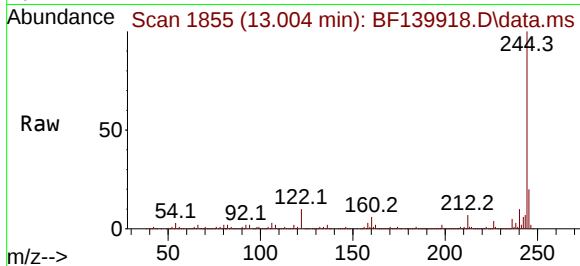




#79
 Terphenyl-d14
 Concen: 78.379 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF139918.D
 Acq: 22 Oct 2024 10:07

Instrument :
 BNA_F
 ClientSampleId :
 PB164152BL

Tgt Ion:244 Resp: 2231486
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 9.9 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. 0.000 min
 Lab File: BF139918.D
 Acq: 22 Oct 2024 10:07

Tgt Ion:264 Resp: 350902
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.4 29.2
 265 21.6 17.4 26.0

