

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102424\
Data File : BF139998.D
Acq On : 24 Oct 2024 13:50
Operator : RC/JU
Sample : PB164338BL
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164338BL

Quant Time: Oct 24 14:17:42 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	6.887	152	180668	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	693380	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	397330	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	716685	20.000	ng	0.00
76) Chrysene-d12	14.051	240	442505	20.000	ng	0.00
86) Perylene-d12	15.527	264	377315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1189625	103.081	ng	0.02
7) Phenol-d6	6.510	99	1491722	99.800	ng	0.00
23) Nitrobenzene-d5	7.445	82	966717	77.272	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	453509	122.026	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1786475	74.309	ng	0.00
79) Terphenyl-d14	12.998	244	2017758	74.302	ng	0.00

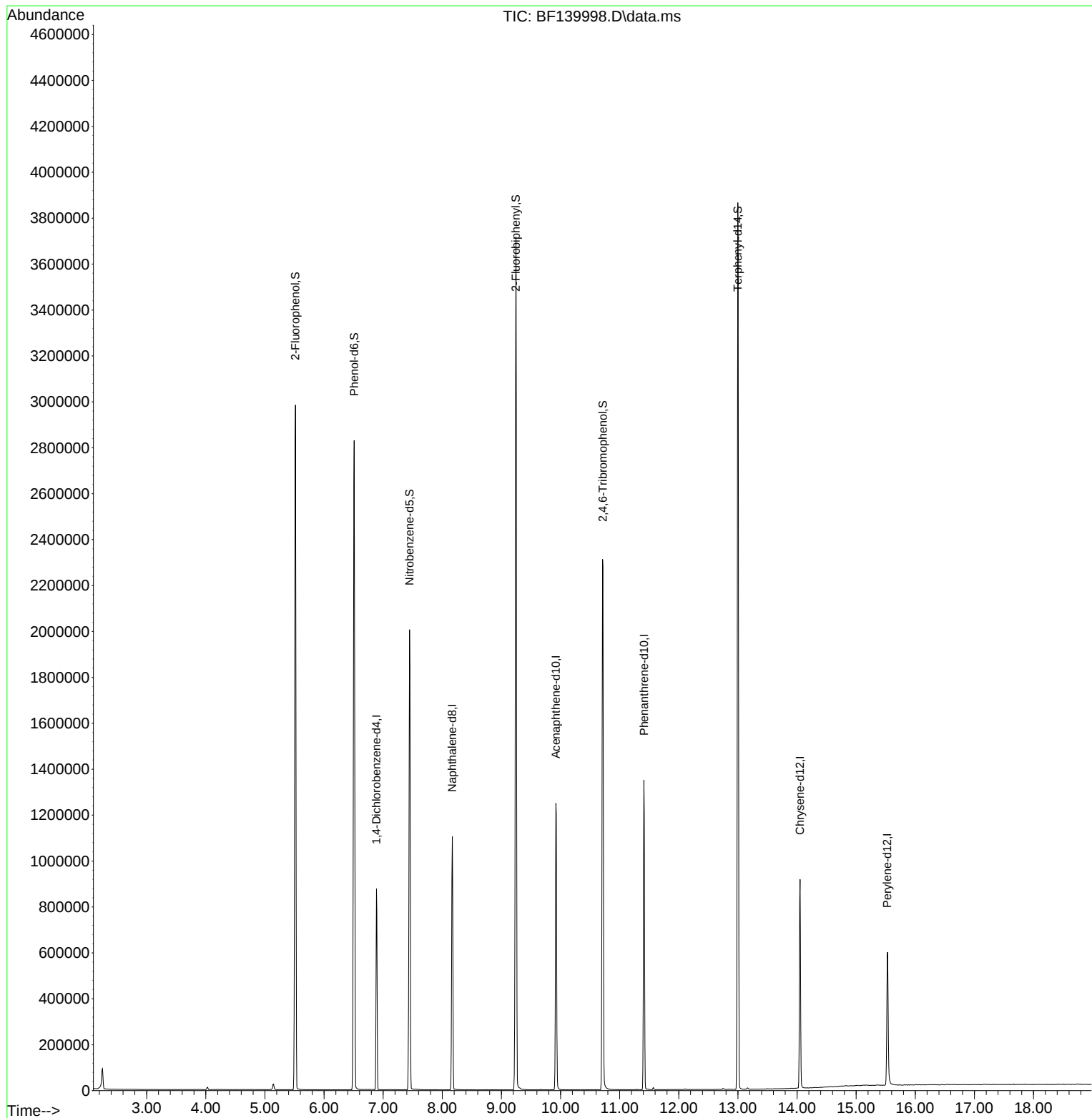
Target Compounds	Qvalue

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

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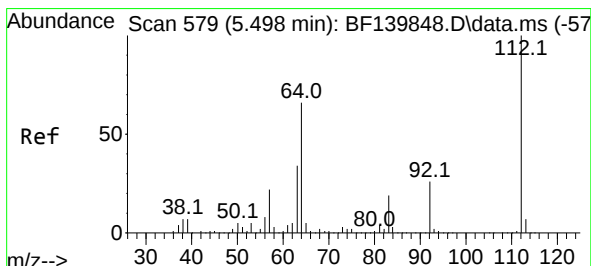
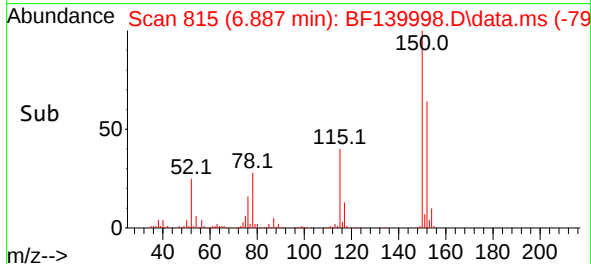
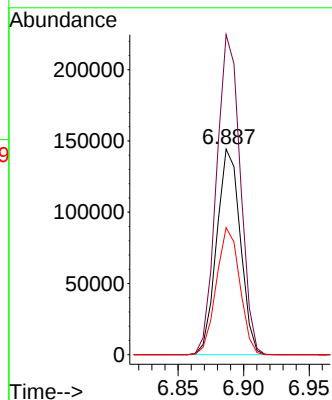
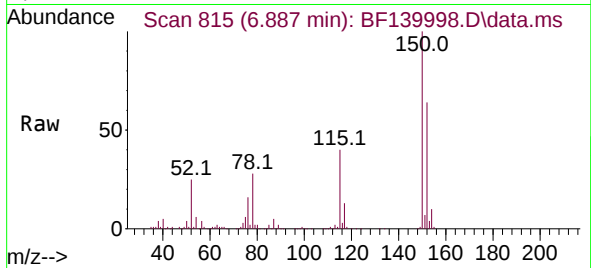




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

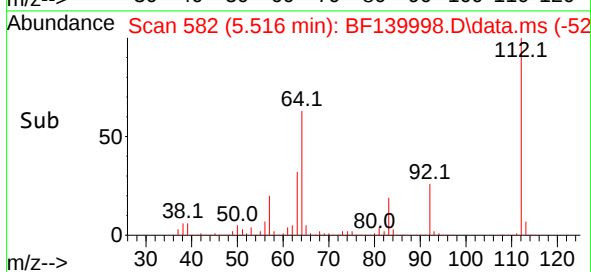
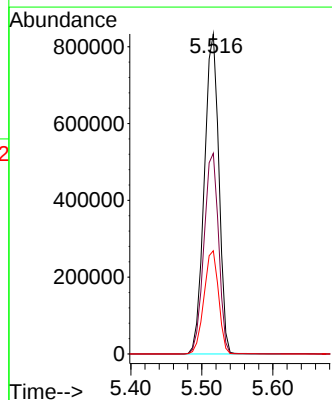
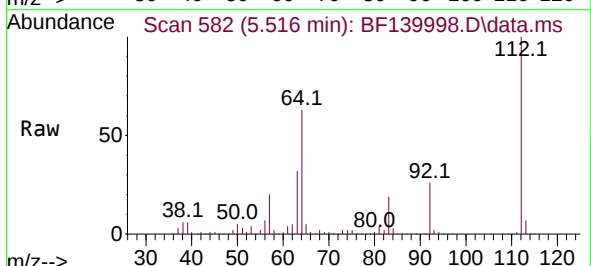
Instrument :
BNA_F
ClientSampleId :
PB164338BL

Tgt Ion:152 Resp: 180668
Ion Ratio Lower Upper
152 100
150 155.6 130.2 195.2
115 61.8 51.4 77.2



#5
2-Fluorophenol
Concen: 103.081 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

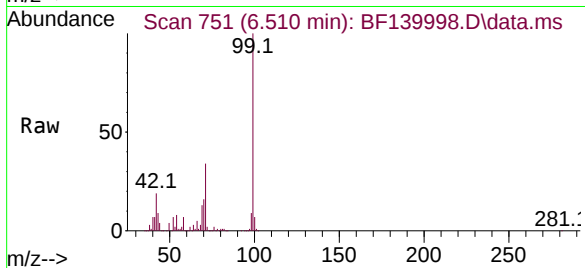
Tgt Ion:112 Resp: 1189625
Ion Ratio Lower Upper
112 100
64 62.7 53.0 79.6
63 32.3 27.0 40.4





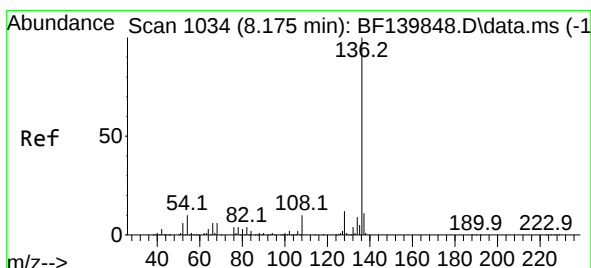
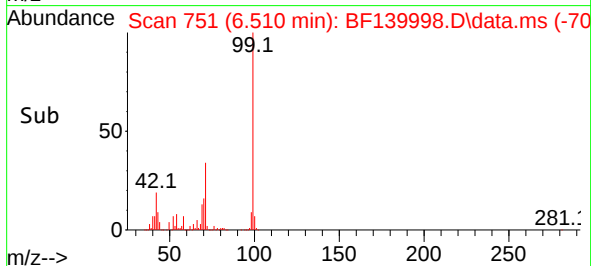
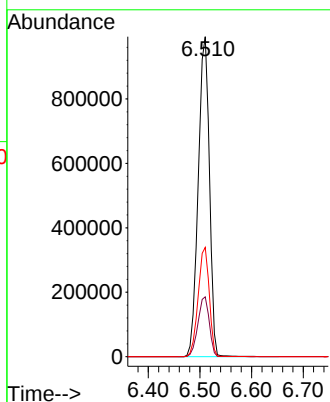
#7
Phenol-d6
Concen: 99.800 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

Instrument :
BNA_F
ClientSampleId :
PB164338BL



Tgt Ion: 99 Resp: 1491722

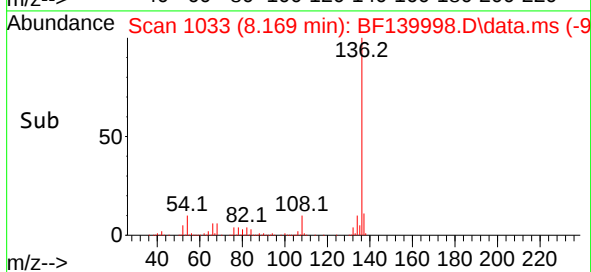
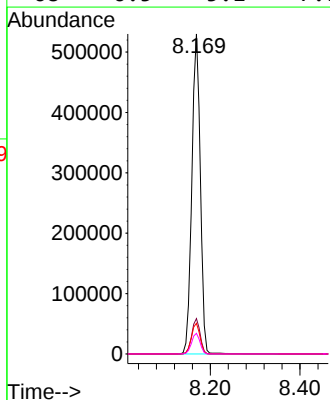
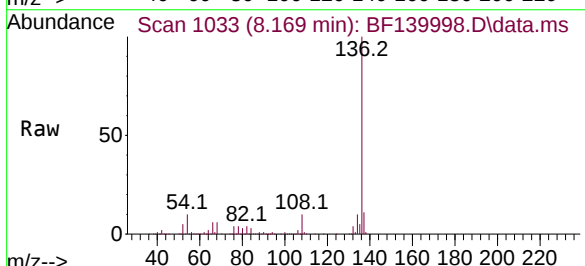
Ion	Ratio	Lower	Upper
99	100		
42	18.7	16.7	25.1
71	34.2	27.7	41.5

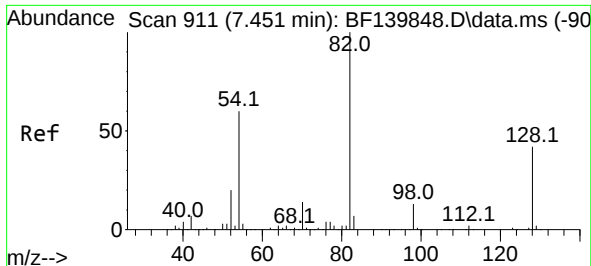


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

Tgt Ion: 136 Resp: 693380

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	9.6	8.4	12.6
68	6.5	5.1	7.7





#23

Nitrobenzene-d5

Concen: 77.272 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139998.D

Acq: 24 Oct 2024 13:50

Instrument :

BNA_F

ClientSampleId :

PB164338BL

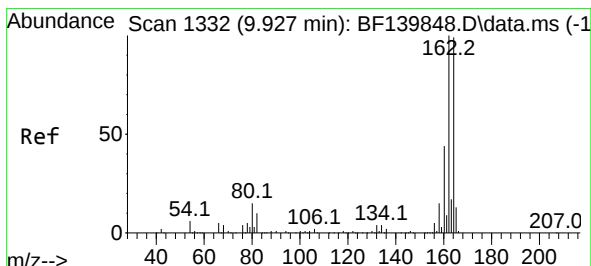
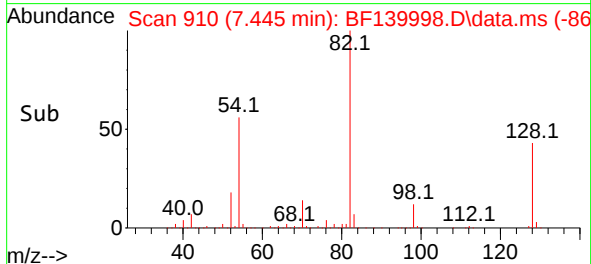
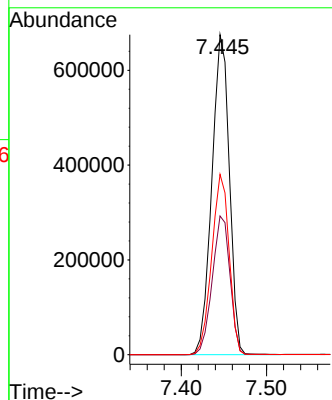
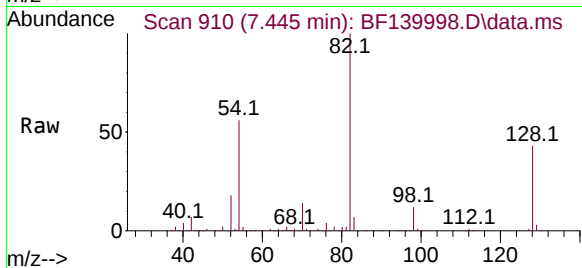
Tgt Ion: 82 Resp: 966717

Ion Ratio Lower Upper

82 100

128 43.3 33.4 50.0

54 56.4 47.8 71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.005 min

Lab File: BF139998.D

Acq: 24 Oct 2024 13:50

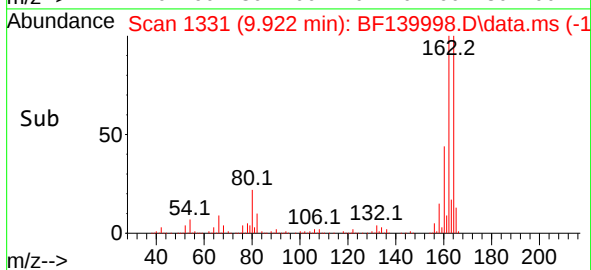
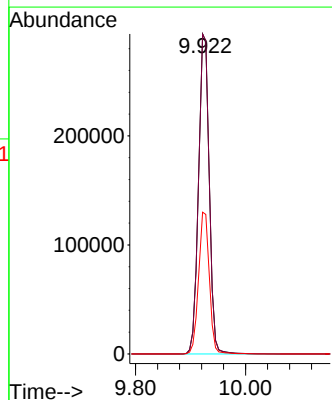
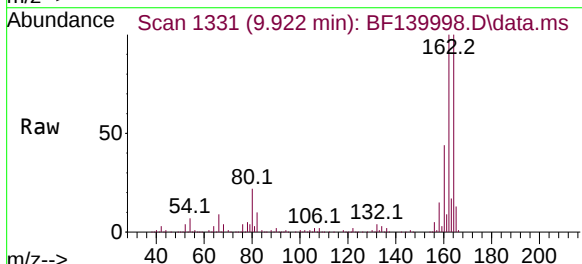
Tgt Ion:164 Resp: 397330

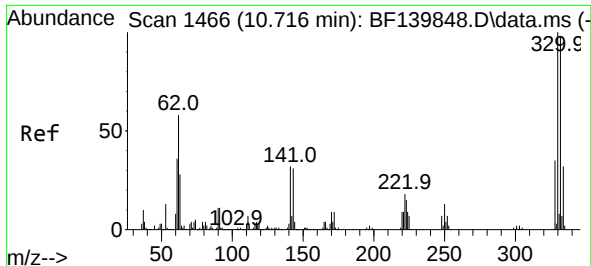
Ion Ratio Lower Upper

164 100

162 100.0 81.0 121.4

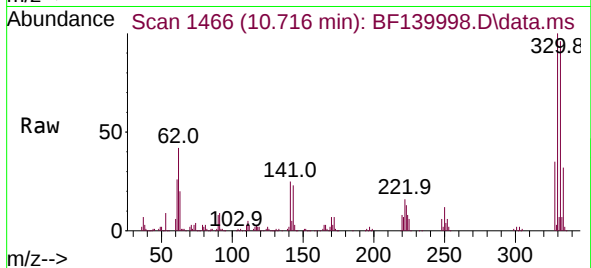
160 44.3 35.4 53.0



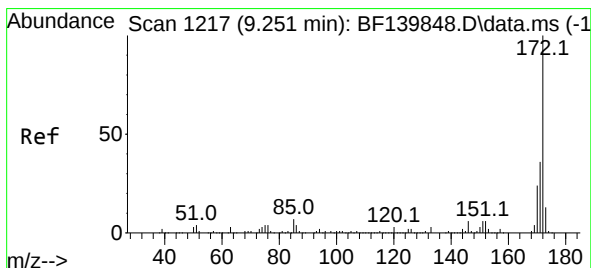
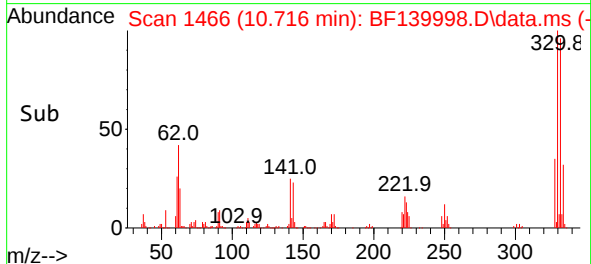
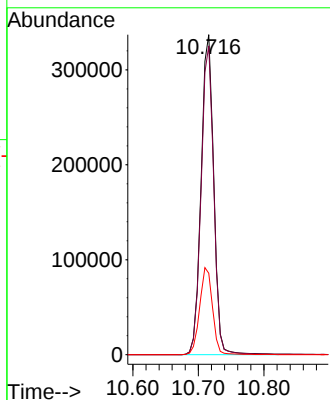


#42
2,4,6-Tribromophenol
Concen: 122.026 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

Instrument :
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PB164338BL

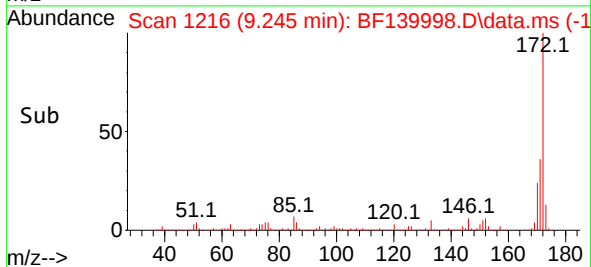
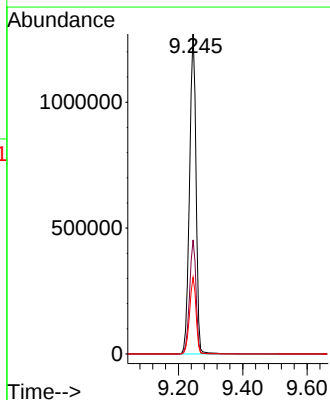
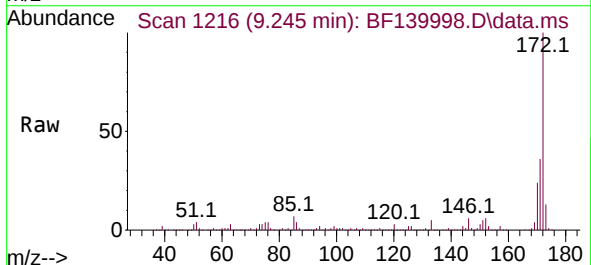


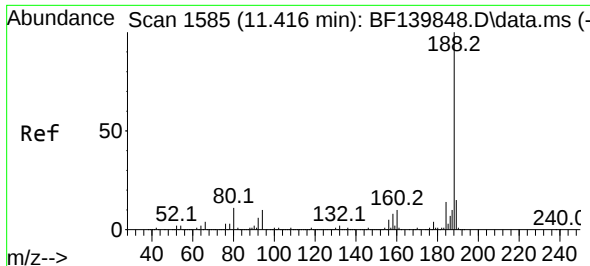
Tgt Ion:330 Resp: 453509
Ion Ratio Lower Upper
330 100
332 96.4 78.1 117.1
141 27.6 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 74.309 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

Tgt Ion:172 Resp: 1786475
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.9 19.1 28.7

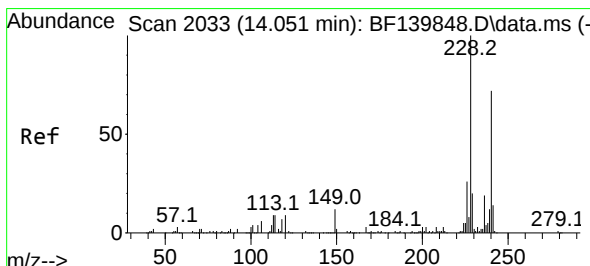
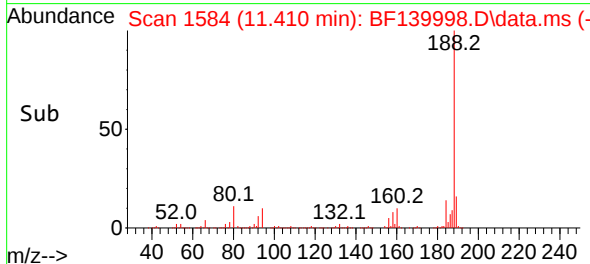
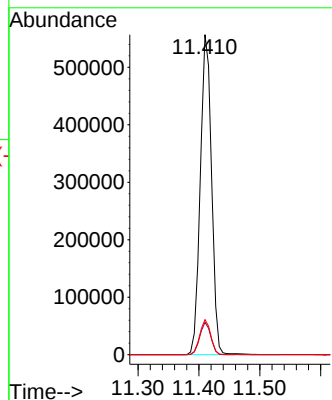
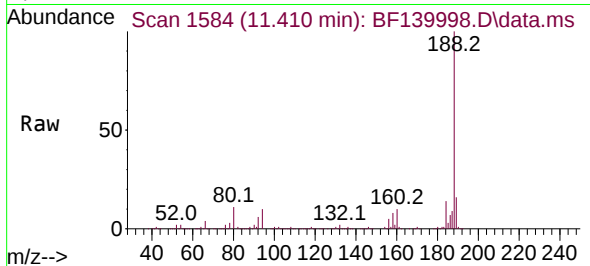




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

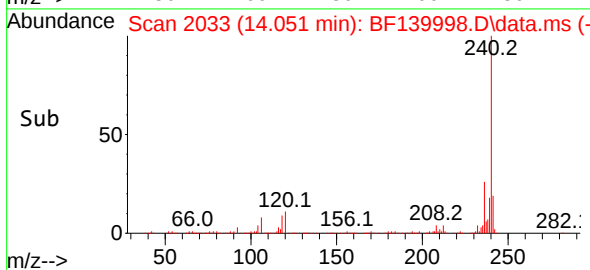
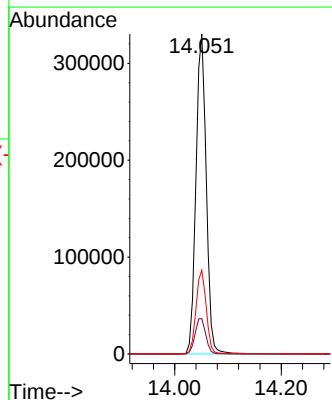
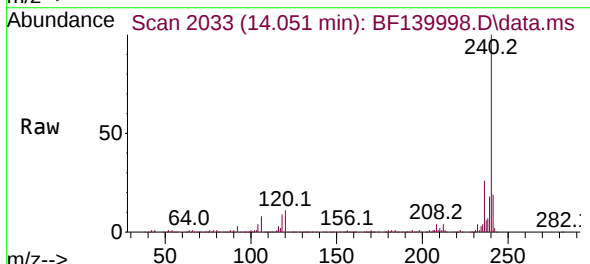
Instrument :
BNA_F
ClientSampleId :
PB164338BL

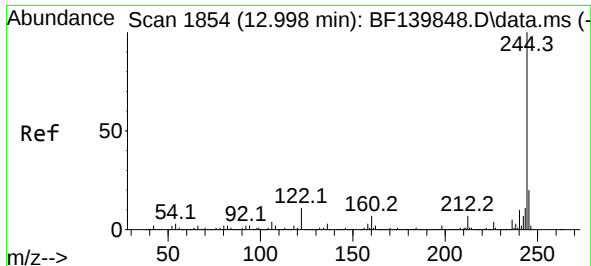
Tgt Ion:188 Resp: 716685
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.0 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139998.D
Acq: 24 Oct 2024 13:50

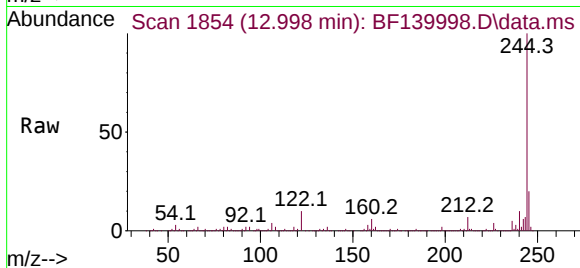
Tgt Ion:240 Resp: 442505
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 26.2 20.9 31.3



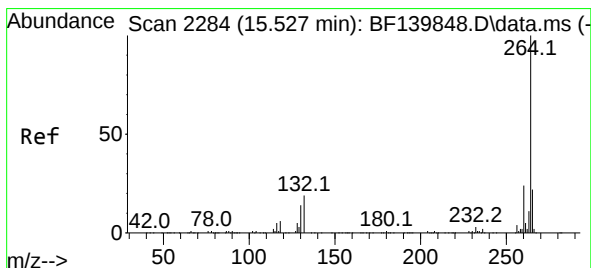
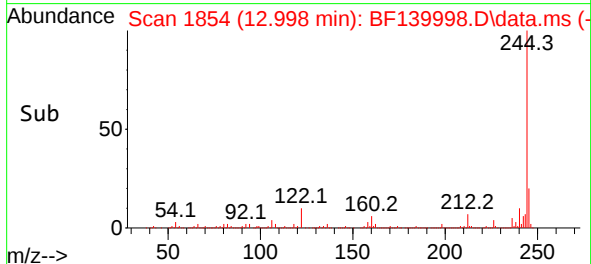
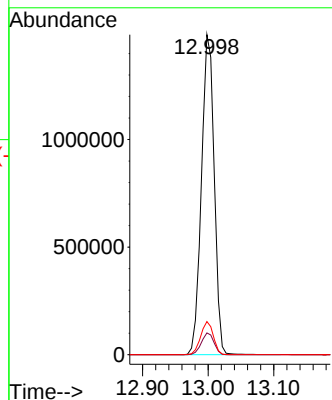


#79
 Terphenyl-d14
 Concen: 74.302 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139998.D
 Acq: 24 Oct 2024 13:50

Instrument :
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Tgt Ion:244 Resp: 2017758
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.4 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: BF139998.D
 Acq: 24 Oct 2024 13:50

Tgt Ion:264 Resp: 377315
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.4 29.2
 265 21.0 17.4 26.0

