

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139957.D
 Acq On : 23 Oct 2024 11:42
 Operator : RC/JU
 Sample : PB164208BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164208BL

Quant Time: Oct 23 12:02:53 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	160805	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	631044	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	354621	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	668162	20.000	ng	0.00
76) Chrysene-d12	14.051	240	452366	20.000	ng	0.00
86) Perylene-d12	15.527	264	359351	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1304737	127.020	ng	0.02
7) Phenol-d6	6.510	99	1634619	122.869	ng	0.00
23) Nitrobenzene-d5	7.445	82	1053297	92.509	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	498320	150.231	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1904294	88.749	ng	0.00
79) Terphenyl-d14	13.004	244	2351970	84.721	ng	0.00

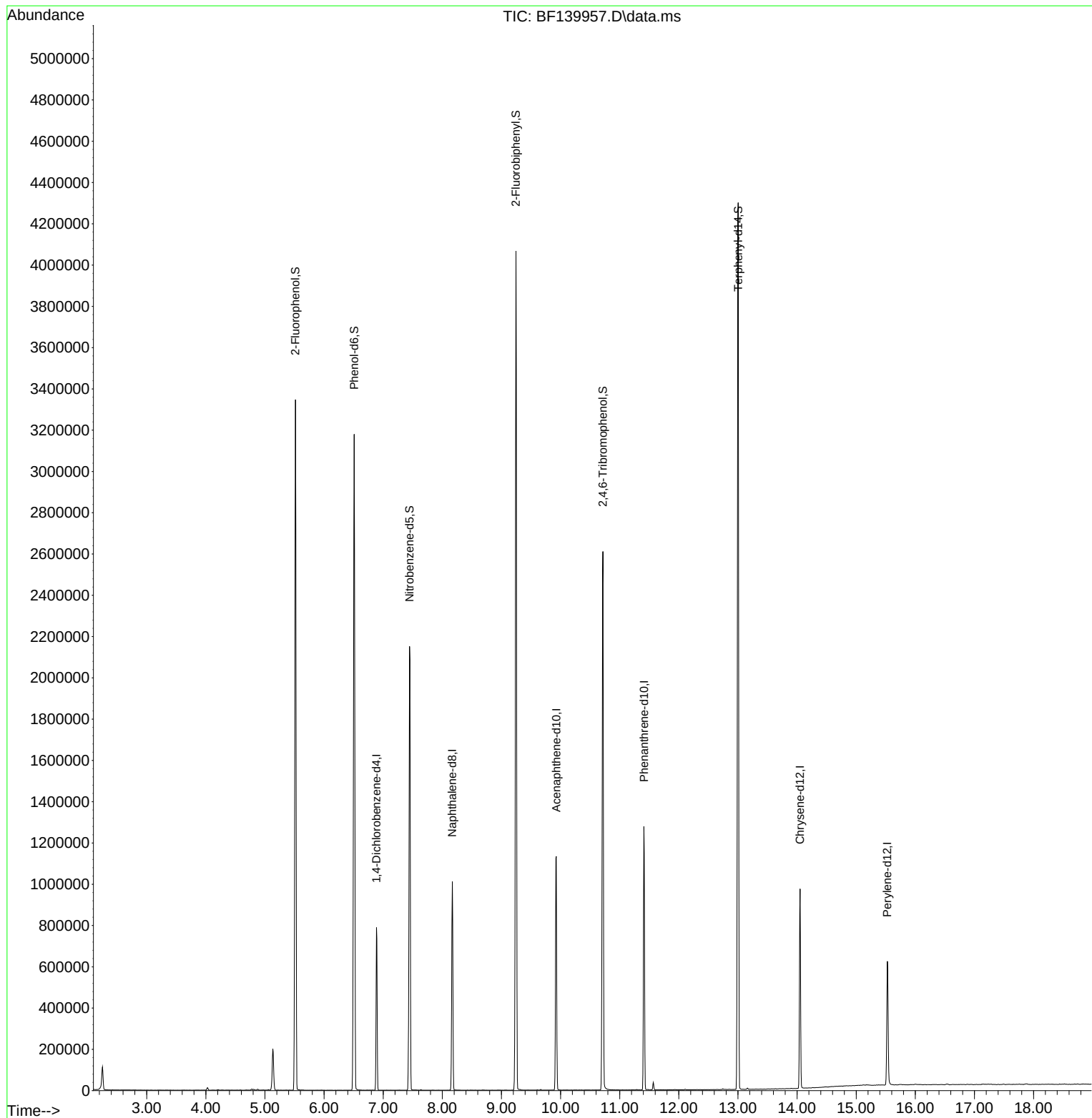
Target Compounds	Qvalue

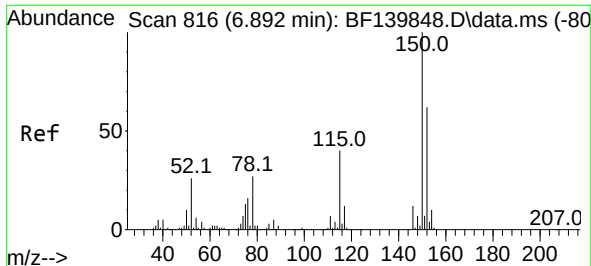
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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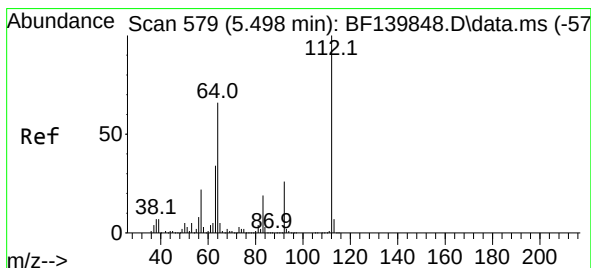
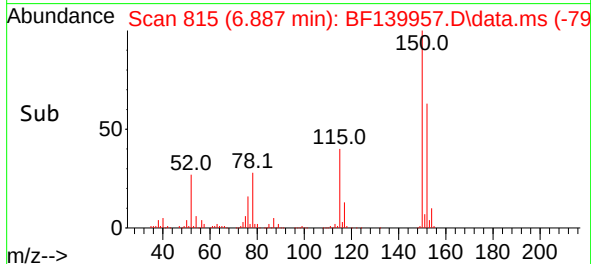
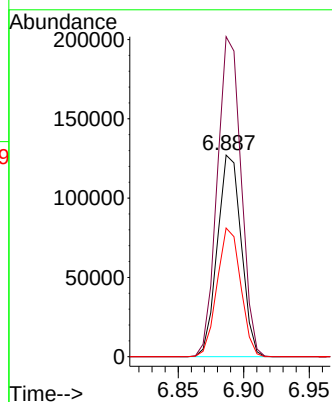
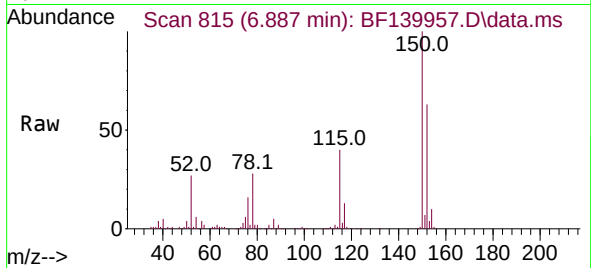




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

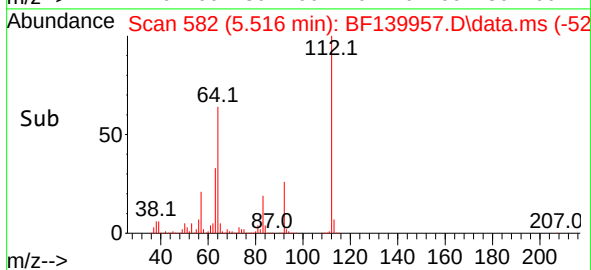
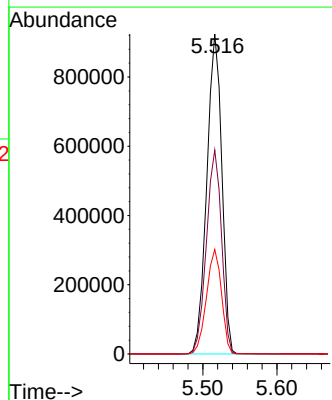
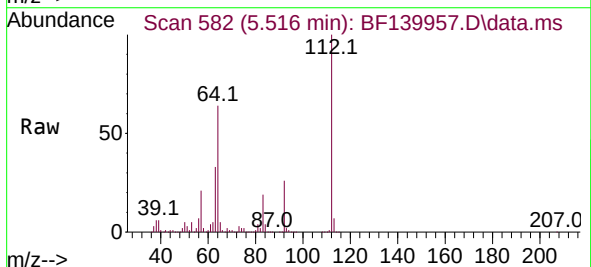
Instrument :
BNA_F
ClientSampleId :
PB164208BL

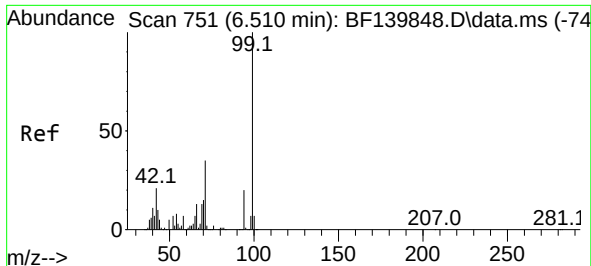
Tgt Ion:152 Resp: 160805
Ion Ratio Lower Upper
152 100
150 158.7 130.2 195.2
115 63.8 51.4 77.2



#5
2-Fluorophenol
Concen: 127.020 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

Tgt Ion:112 Resp: 1304737
Ion Ratio Lower Upper
112 100
64 63.8 53.0 79.6
63 32.7 27.0 40.4

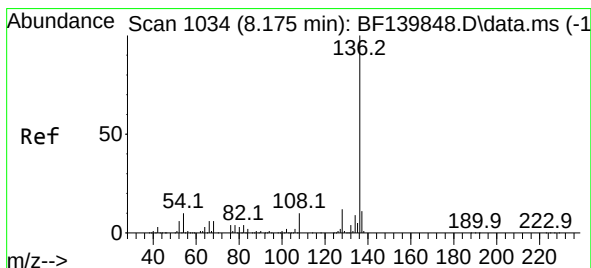
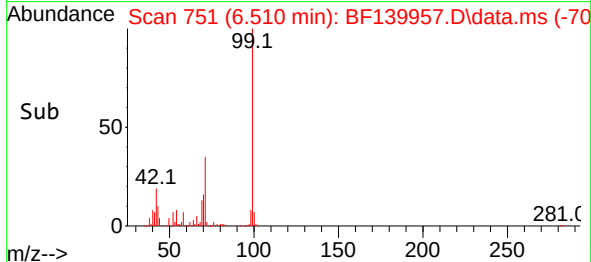
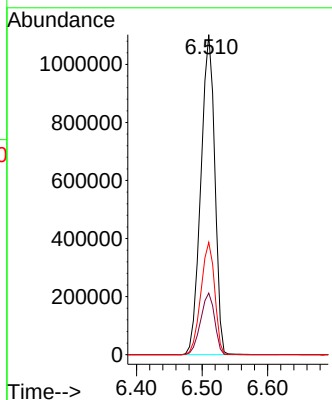
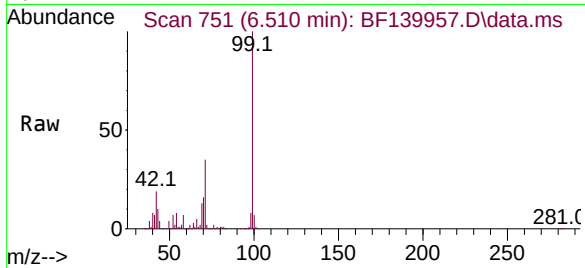




#7
Phenol-d6
Concen: 122.869 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

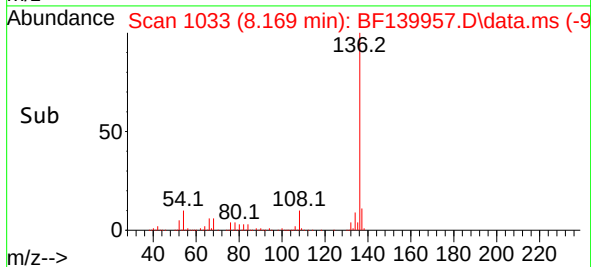
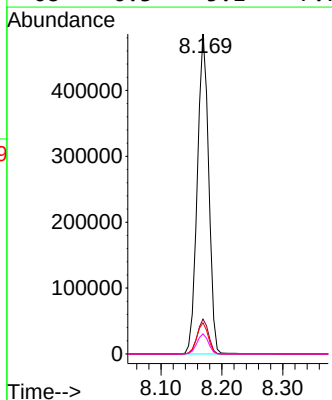
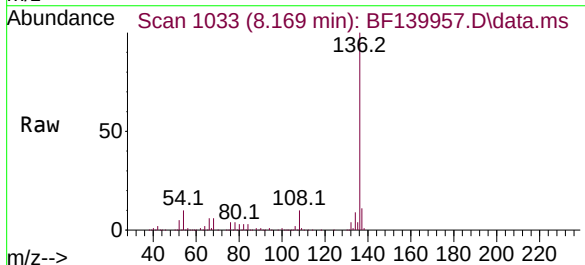
Instrument :
BNA_F
ClientSampleId :
PB164208BL

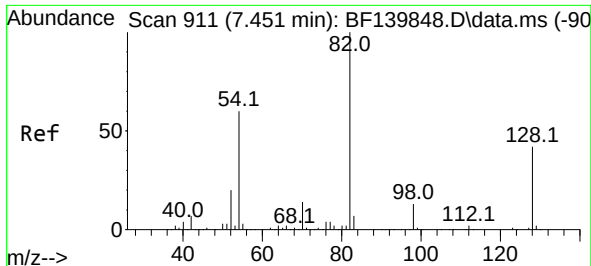
Tgt Ion: 99 Resp: 1634619
Ion Ratio Lower Upper
99 100
42 19.2 16.7 25.1
71 35.1 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

Tgt Ion: 136 Resp: 631044
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 8.4 12.6
68 6.3 5.1 7.7





#23

Nitrobenzene-d5

Concen: 92.509 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139957.D

Acq: 23 Oct 2024 11:42

Instrument :

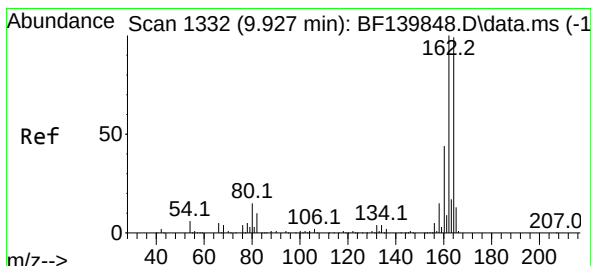
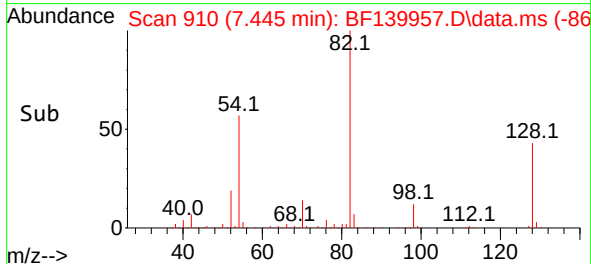
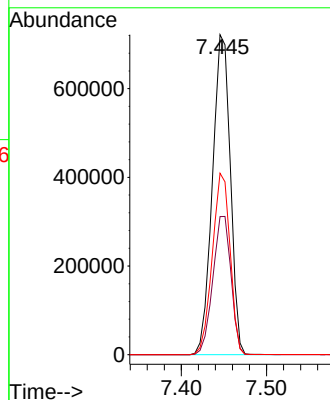
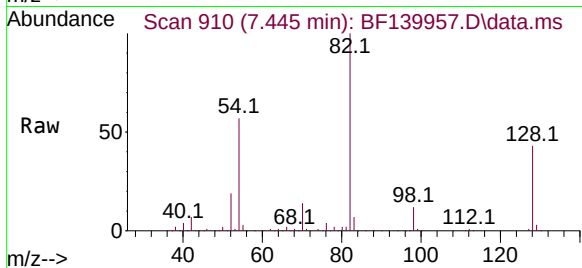
BNA_F

ClientSampleId :

PB164208BL

Tgt Ion: 82 Resp: 1053297

Ion	Ratio	Lower	Upper
82	100		
128	43.1	33.4	50.0
54	56.7	47.8	71.8



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1332

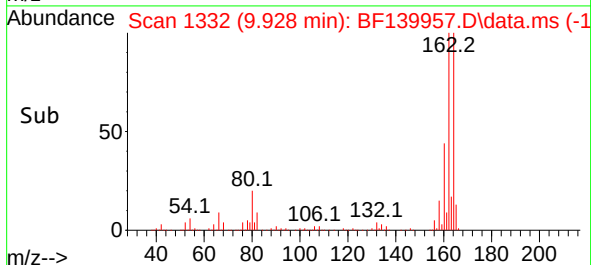
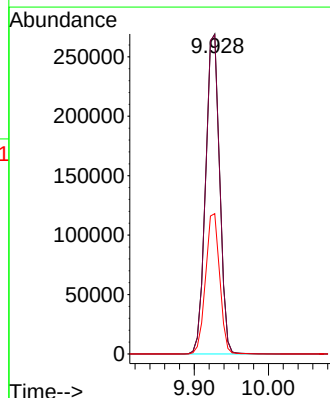
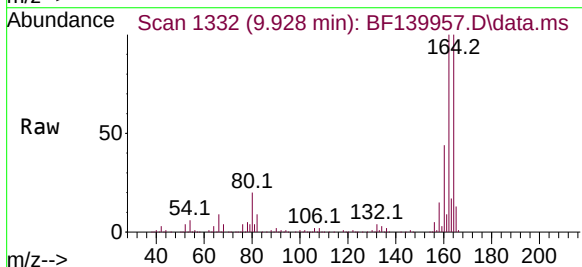
Delta R.T. 0.001 min

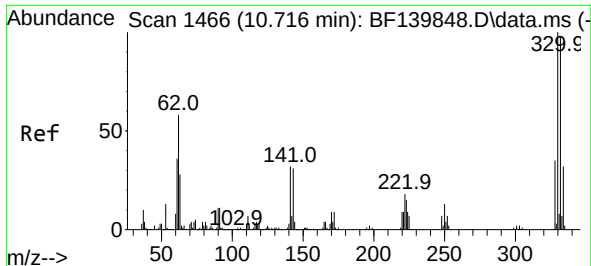
Lab File: BF139957.D

Acq: 23 Oct 2024 11:42

Tgt Ion:164 Resp: 354621

Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.0	121.4
160	43.9	35.4	53.0

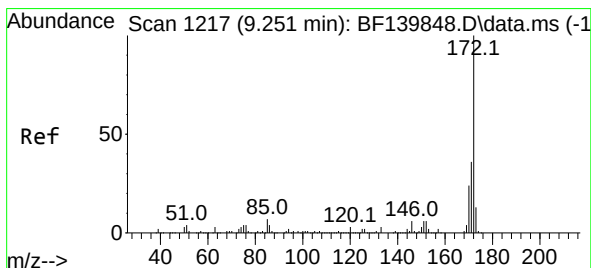
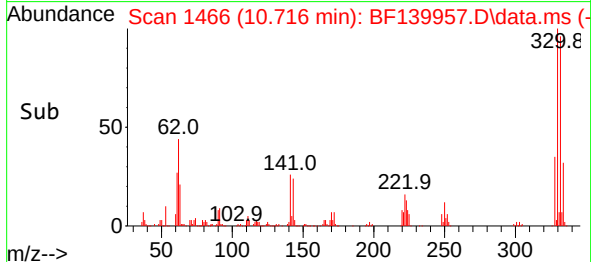
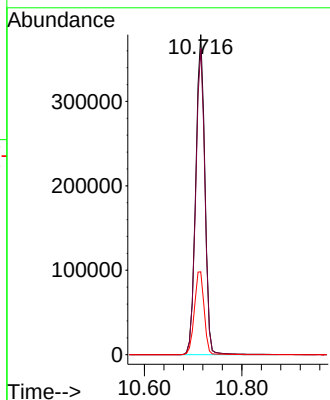
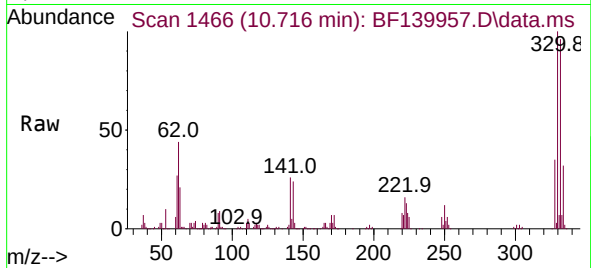




#42
2,4,6-Tribromophenol
Concen: 150.231 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

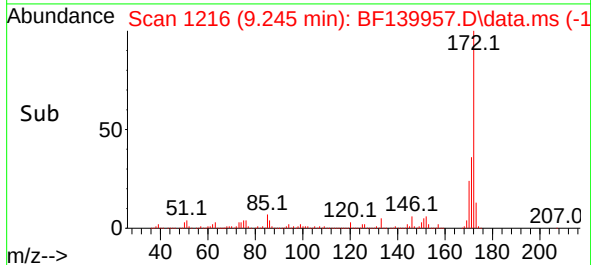
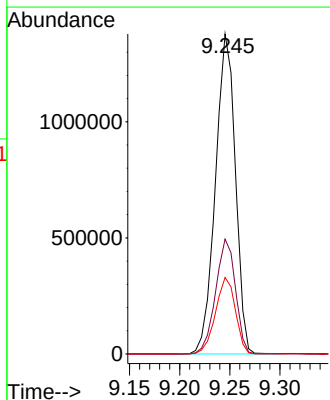
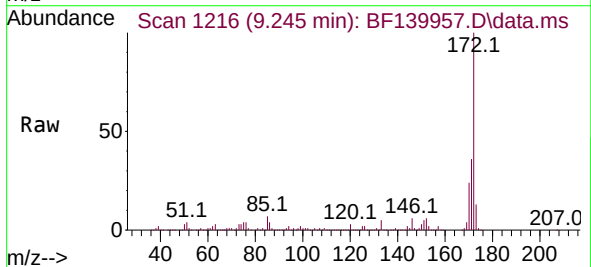
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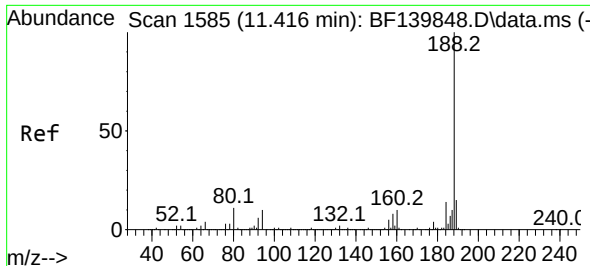
Tgt Ion:330 Resp: 498320
Ion Ratio Lower Upper
330 100
332 95.9 78.1 117.1
141 27.7 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 88.749 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

Tgt Ion:172 Resp: 1904294
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 23.9 19.1 28.7

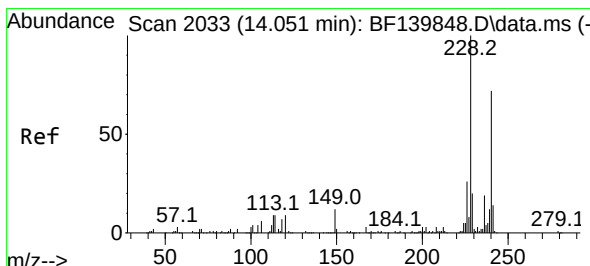
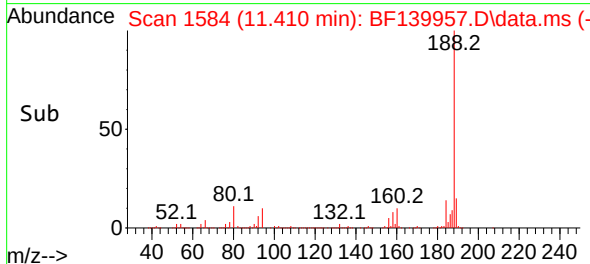
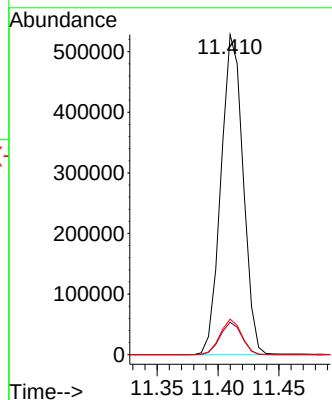
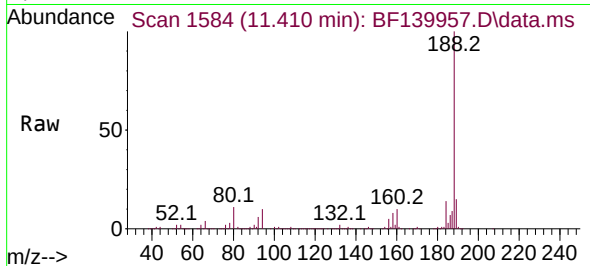




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

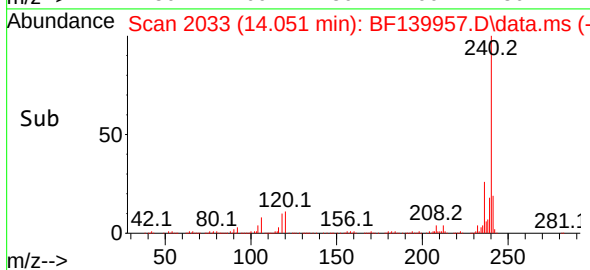
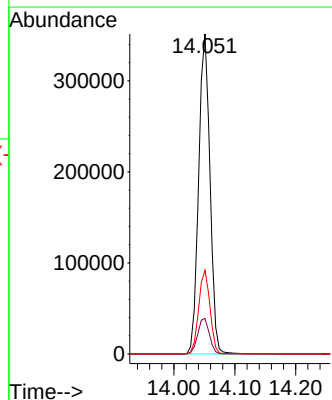
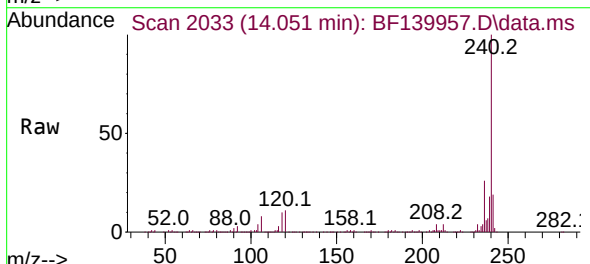
Instrument :
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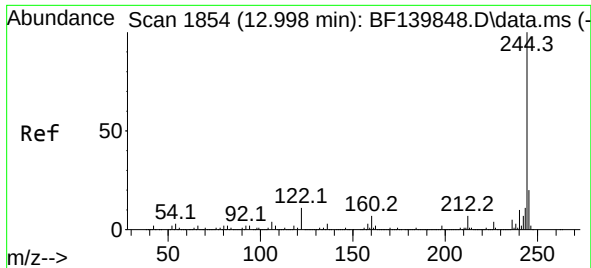
Tgt Ion:188 Resp: 668162
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.1 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139957.D
Acq: 23 Oct 2024 11:42

Tgt Ion:240 Resp: 452366
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 26.2 20.9 31.3

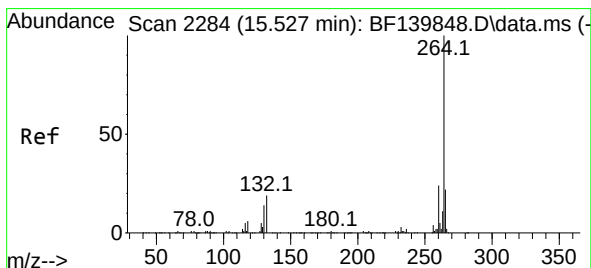
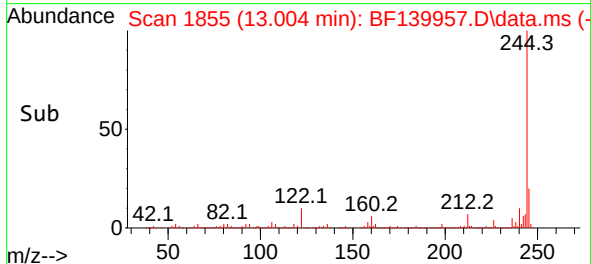
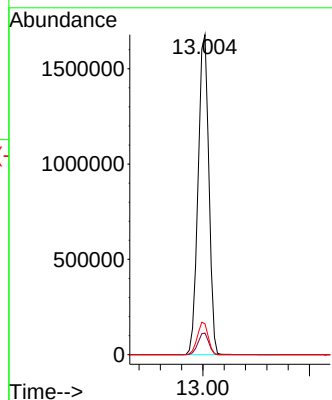
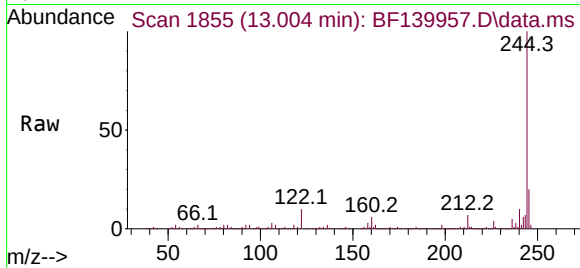




#79
 Terphenyl-d14
 Concen: 84.721 ng
 RT: 13.004 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF139957.D
 Acq: 23 Oct 2024 11:42

Instrument :
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 ClientSampleId :
 PB164208BL

Tgt Ion:244 Resp: 2351970
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.7 8.5
 122 9.7 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: BF139957.D
 Acq: 23 Oct 2024 11:42

Tgt Ion:264 Resp: 359351
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.4 29.2
 265 22.1 17.4 26.0

