

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139966.D
 Acq On : 23 Oct 2024 15:58
 Operator : RC/JU
 Sample : PB164195TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164195TB

Quant Time: Oct 23 16:40:14 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	140748	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	553544	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	312540	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	576047	20.000	ng	0.00
76) Chrysene-d12	14.051	240	352149	20.000	ng	0.00
86) Perylene-d12	15.527	264	309751	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1226571	136.427	ng	0.02
7) Phenol-d6	6.510	99	1550038	133.115	ng	0.00
23) Nitrobenzene-d5	7.445	82	996456	99.770	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	450053	153.948	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1831090	96.827	ng	0.00
79) Terphenyl-d14	12.998	244	2119306	98.066	ng	0.00

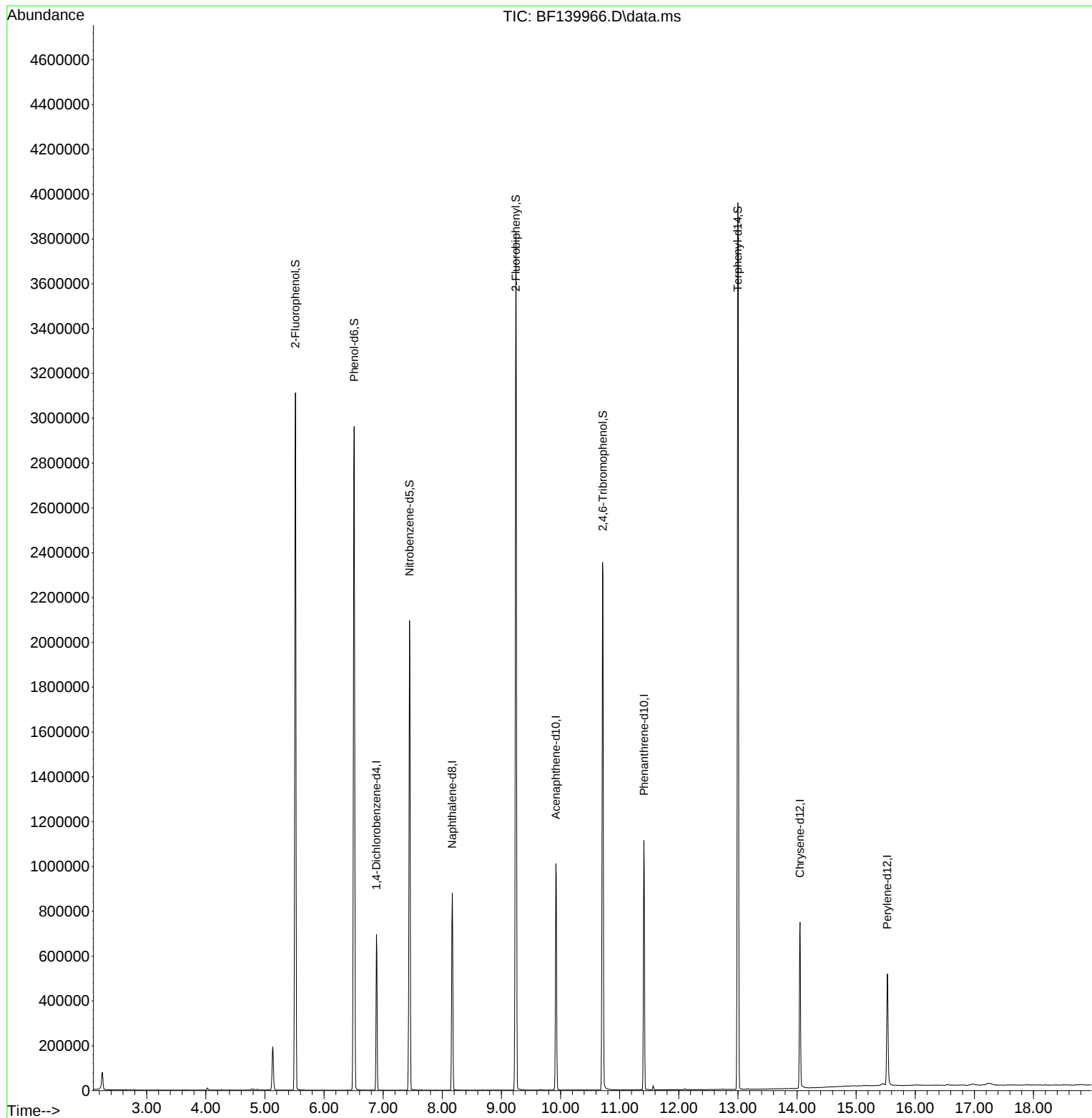
Target Compounds	Qvalue

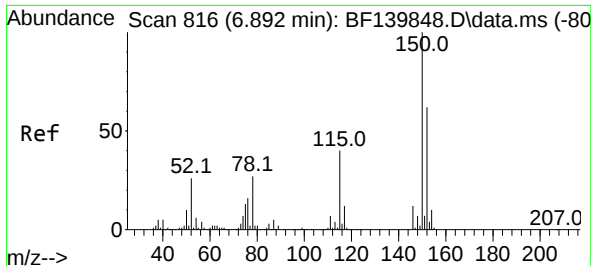
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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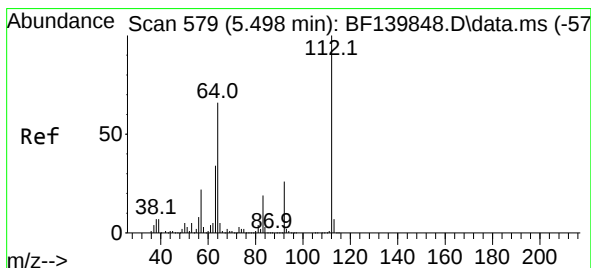
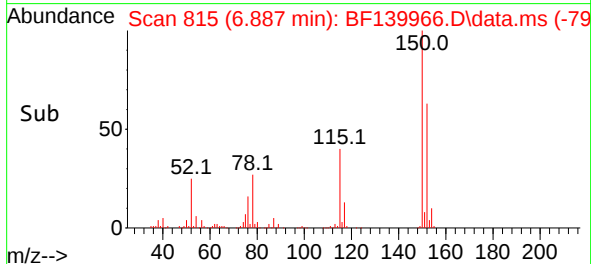
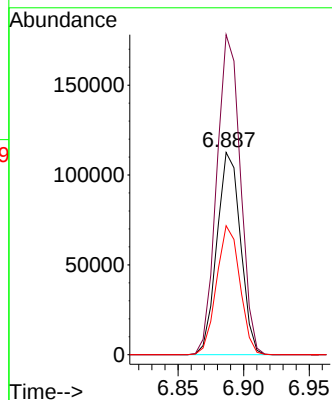
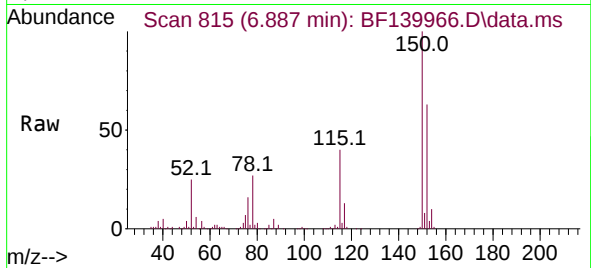




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

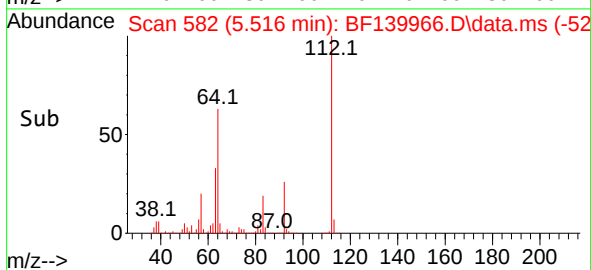
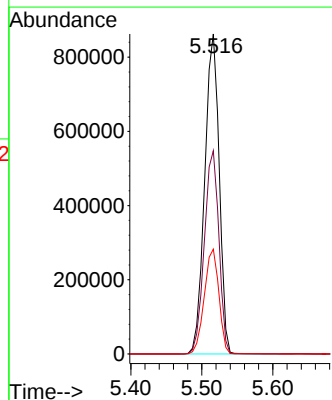
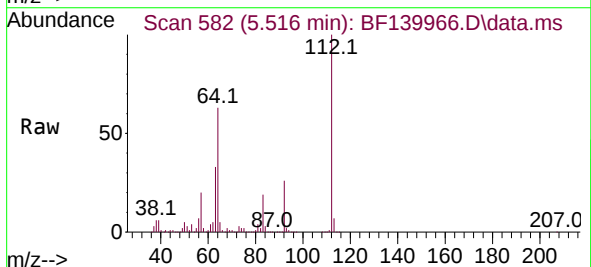
Instrument :
BNA_F
ClientSampleId :
PB164195TB

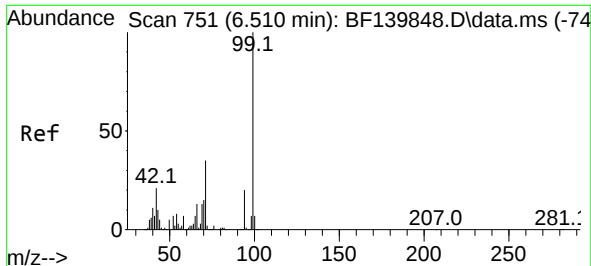
Tgt Ion:152 Resp: 140748
Ion Ratio Lower Upper
152 100
150 158.2 130.2 195.2
115 63.8 51.4 77.2



#5
2-Fluorophenol
Concen: 136.427 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

Tgt Ion:112 Resp: 1226571
Ion Ratio Lower Upper
112 100
64 63.5 53.0 79.6
63 32.8 27.0 40.4



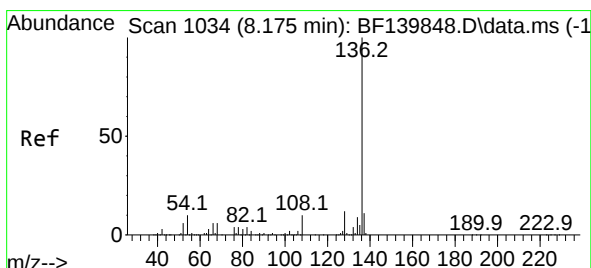
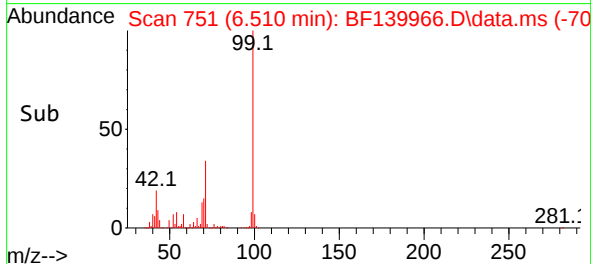
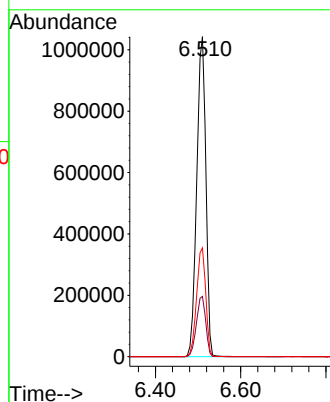
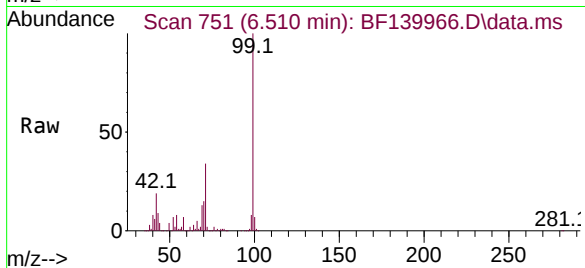


#7
Phenol-d6
Concen: 133.115 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

Instrument :
BNA_F
ClientSampleId :
PB164195TB

Tgt Ion: 99 Resp: 1550038

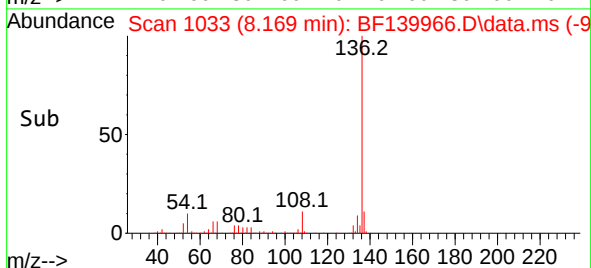
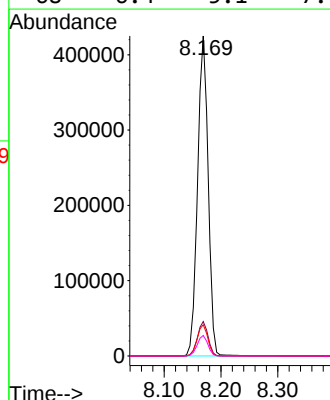
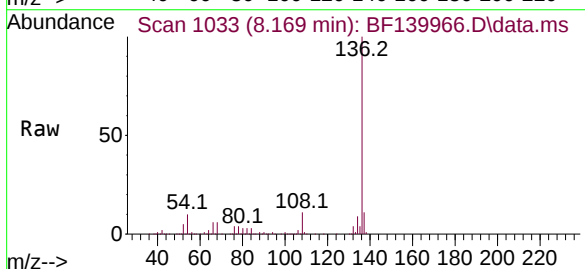
Ion	Ratio	Lower	Upper
99	100		
42	18.9	16.7	25.1
71	34.0	27.7	41.5

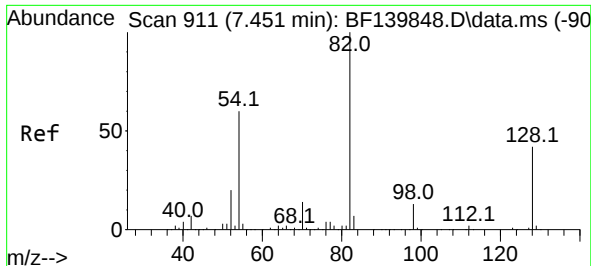


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

Tgt Ion: 136 Resp: 553544

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	9.8	8.4	12.6
68	6.4	5.1	7.7





#23

Nitrobenzene-d5

Concen: 99.770 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139966.D

Acq: 23 Oct 2024 15:58

Instrument :

BNA_F

ClientSampleId :

PB164195TB

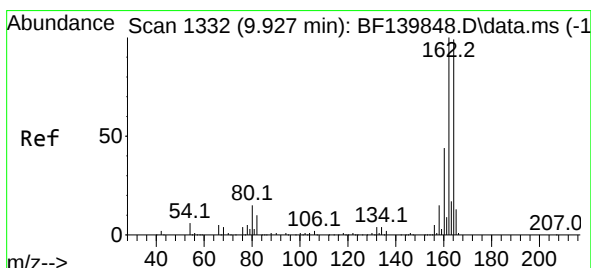
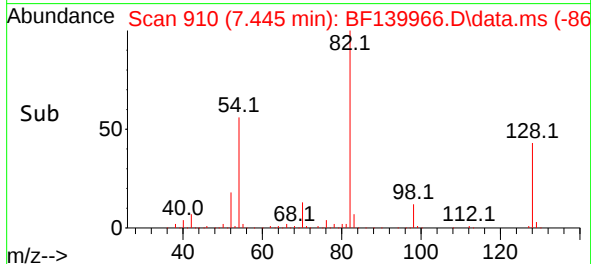
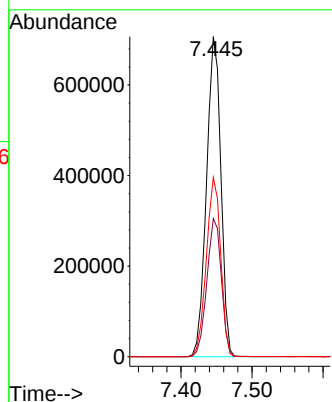
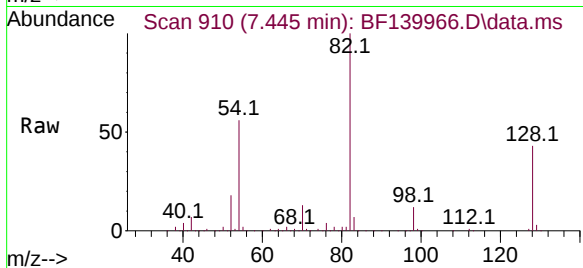
Tgt Ion: 82 Resp: 996456

Ion Ratio Lower Upper

82 100

128 43.2 33.4 50.0

54 56.0 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: BF139966.D

Acq: 23 Oct 2024 15:58

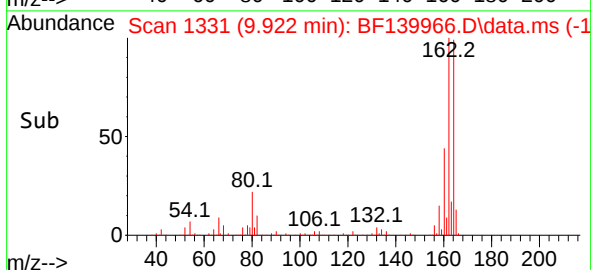
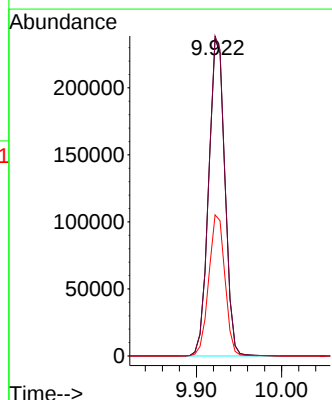
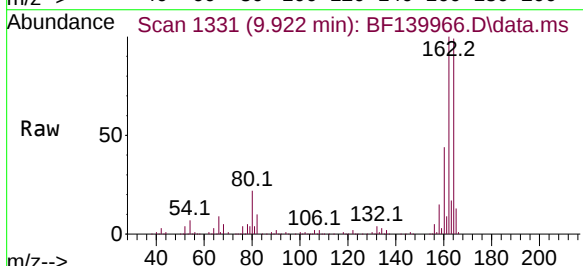
Tgt Ion:164 Resp: 312540

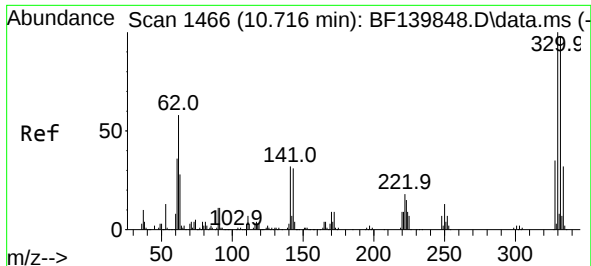
Ion Ratio Lower Upper

164 100

162 101.0 81.0 121.4

160 44.5 35.4 53.0

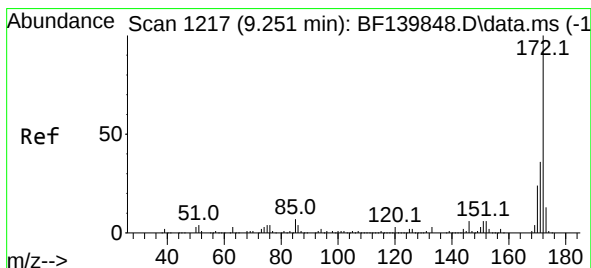
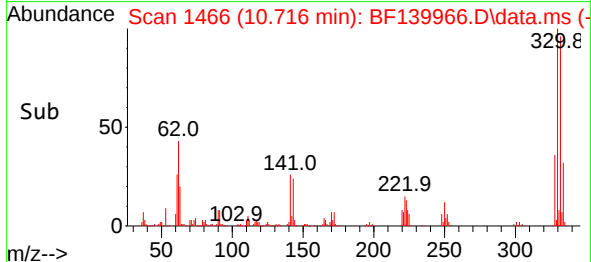
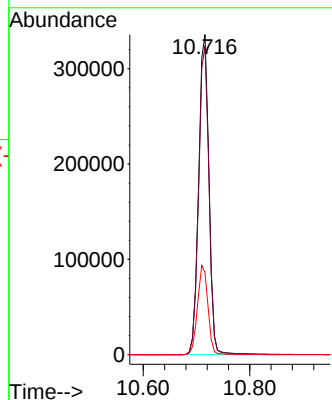
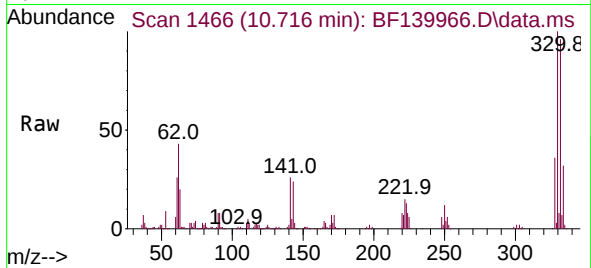




#42
2,4,6-Tribromophenol
Concen: 153.948 ng
RT: 10.716 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

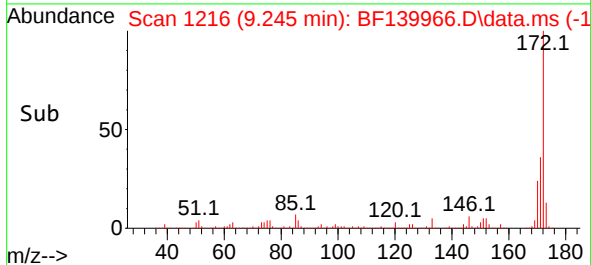
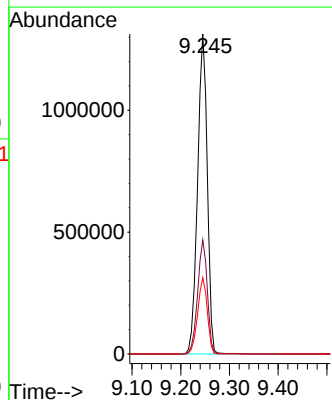
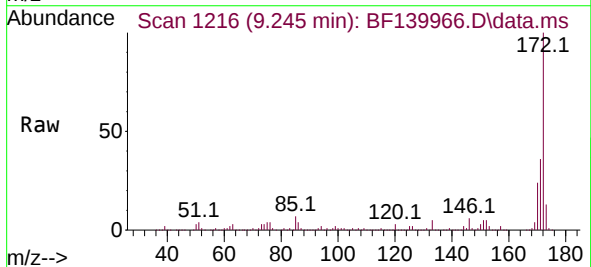
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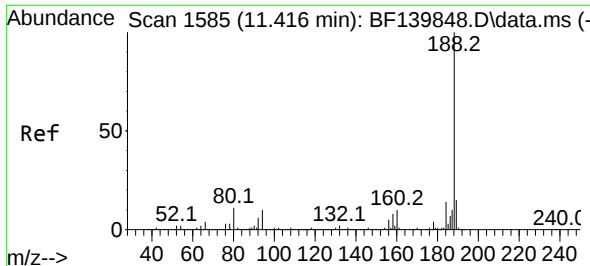
Tgt Ion:330 Resp: 450053
Ion Ratio Lower Upper
330 100
332 96.6 78.1 117.1
141 28.2 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 96.827 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

Tgt Ion:172 Resp: 1831090
Ion Ratio Lower Upper
172 100
171 35.7 28.6 43.0
170 23.8 19.1 28.7

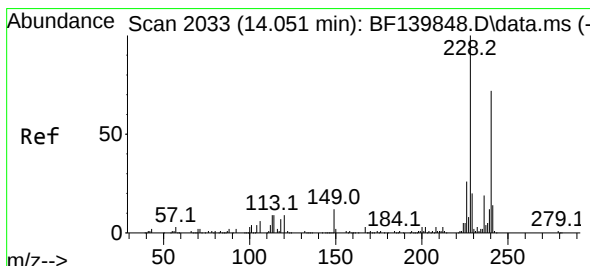
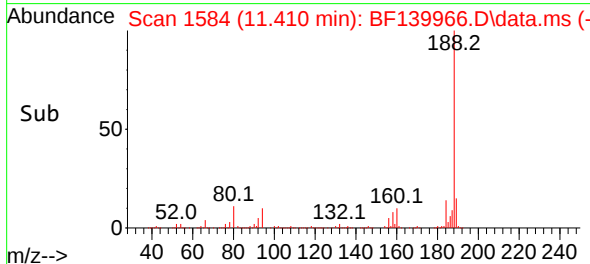
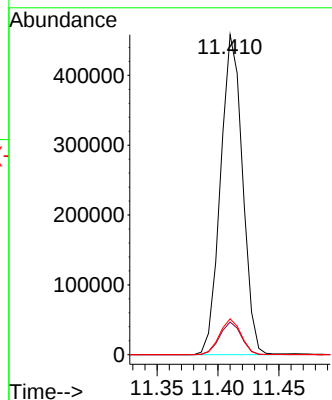
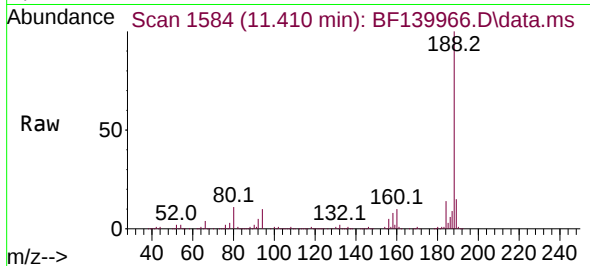




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

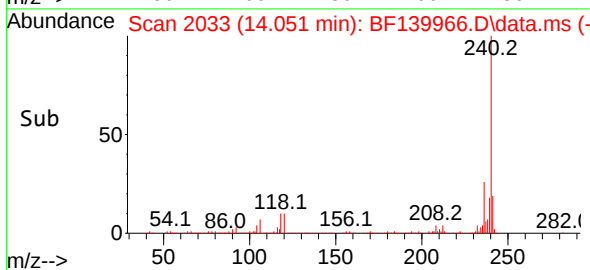
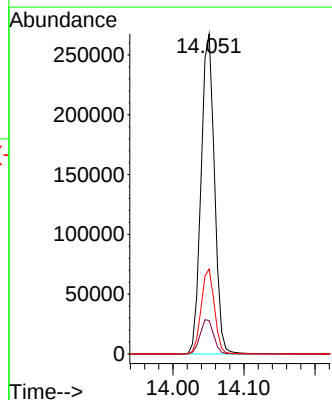
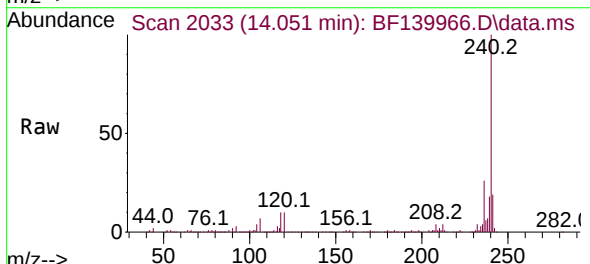
Instrument :
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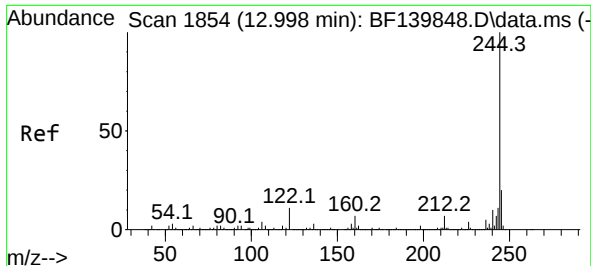
Tgt Ion:188 Resp: 576047
Ion Ratio Lower Upper
188 100
94 10.2 7.9 11.9
80 11.2 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139966.D
Acq: 23 Oct 2024 15:58

Tgt Ion:240 Resp: 352149
Ion Ratio Lower Upper
240 100
120 10.4 9.4 14.2
236 26.5 20.9 31.3

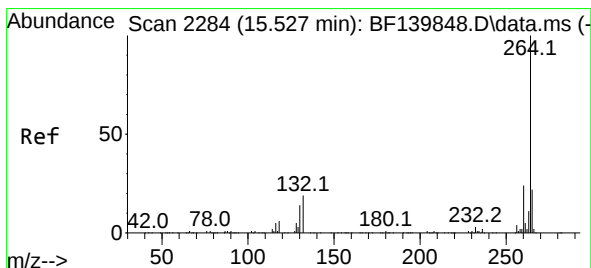
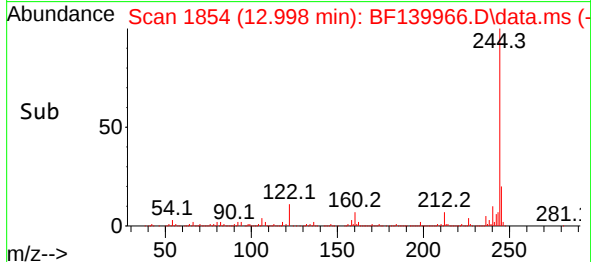
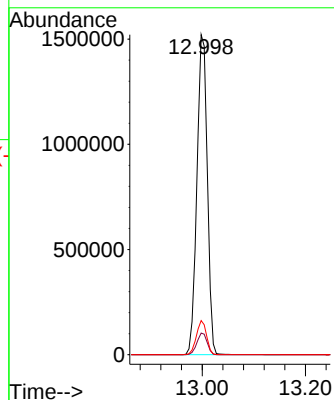
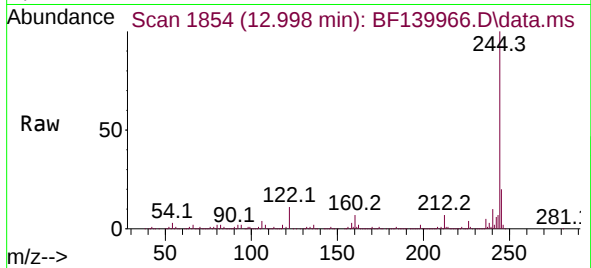




#79
 Terphenyl-d14
 Concen: 98.066 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139966.D
 Acq: 23 Oct 2024 15:58

Instrument :
 BNA_F
 ClientSampleId :
 PB164195TB

Tgt Ion:244 Resp: 2119306
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.7 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: BF139966.D
 Acq: 23 Oct 2024 15:58

Tgt Ion:264 Resp: 309751
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.4 29.2
 265 21.4 17.4 26.0

