

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139909.D
 Acq On : 21 Oct 2024 18:08
 Operator : RC/JU
 Sample : P4400-01RE 3X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NB-08-101424RE

Quant Time: Oct 22 01:19:17 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	142015	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	466247	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	219761	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	380066	20.000	ng	0.00
76) Chrysene-d12	14.051	240	259100	20.000	ng	0.00
86) Perylene-d12	15.533	264	216717	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	176887	19.499	ng	0.00
7) Phenol-d6	6.498	99	209261	17.811	ng	-0.01
23) Nitrobenzene-d5	7.445	82	115761	13.761	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	38891	18.920	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	210571	15.836	ng	0.00
79) Terphenyl-d14	12.998	244	232764	14.639	ng	0.00

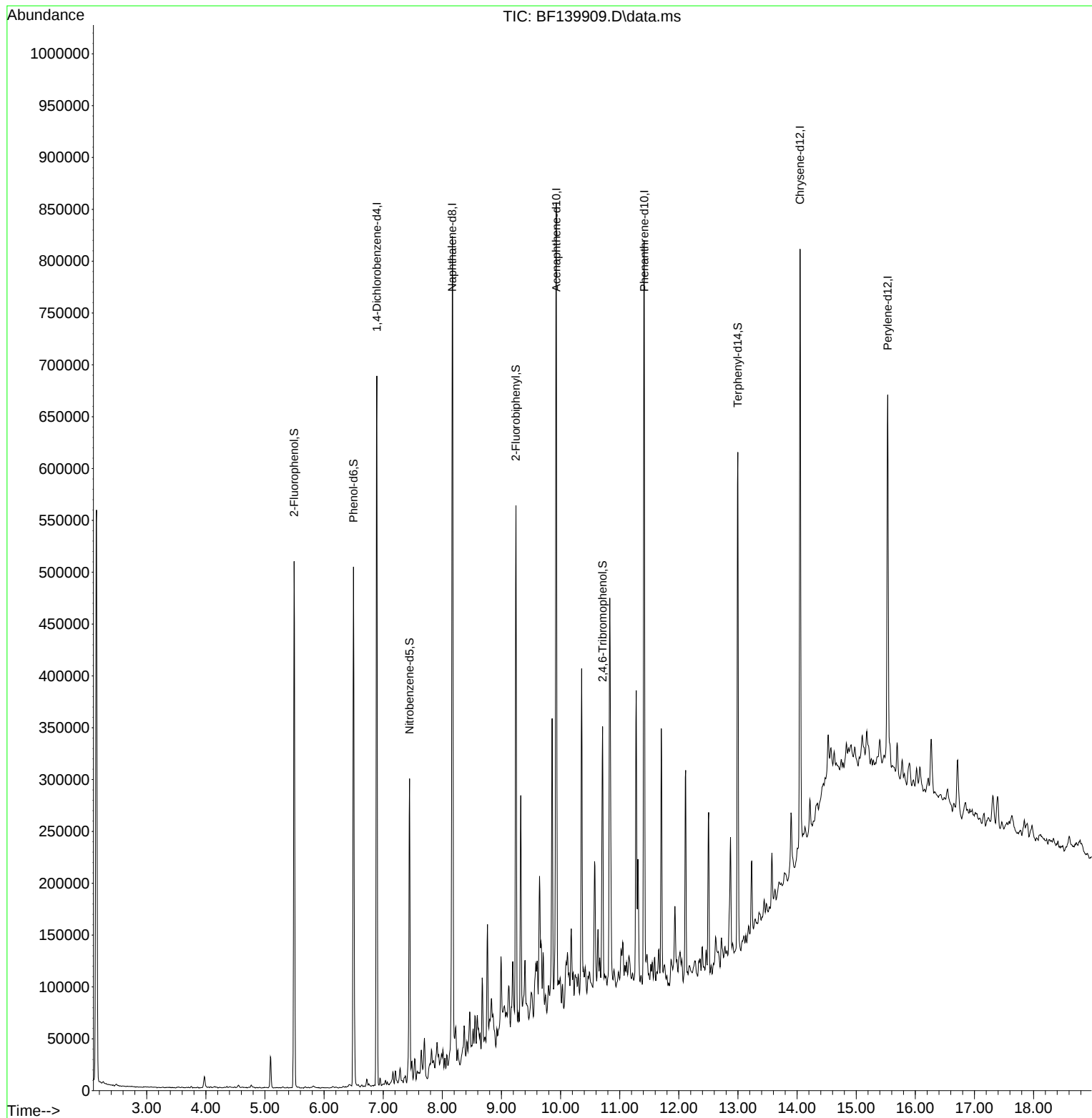
Target Compounds	Qvalue

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

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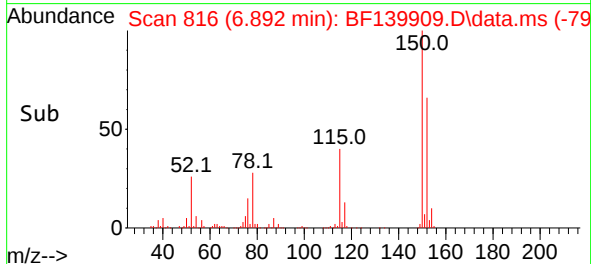
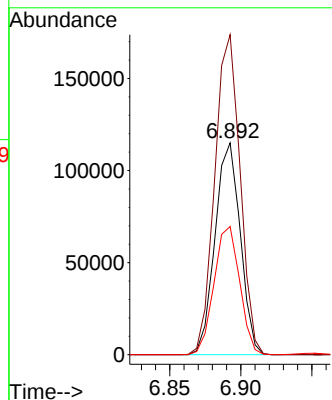
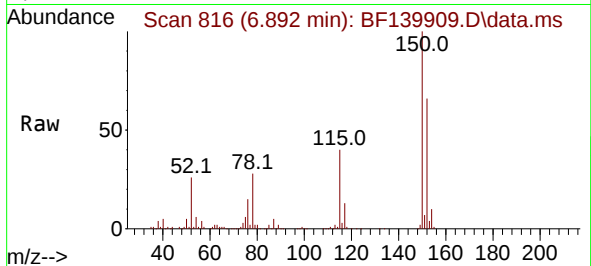




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

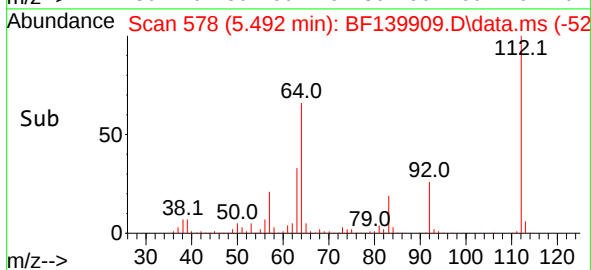
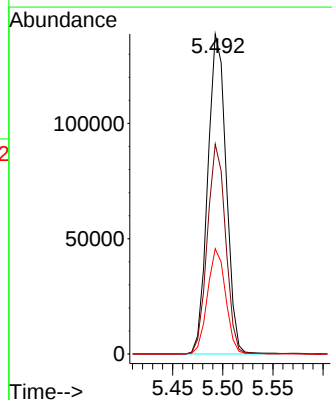
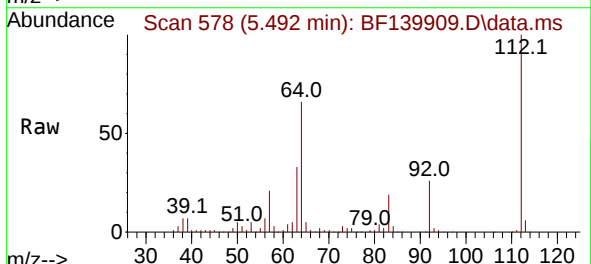
Instrument :
BNA_F
ClientSampleId :
NB-08-101424RE

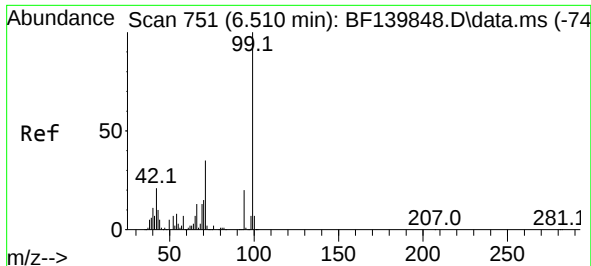
Tgt Ion:152 Resp: 142015
Ion Ratio Lower Upper
152 100
150 151.0 130.2 195.2
115 60.5 51.4 77.2



#5
2-Fluorophenol
Concen: 19.499 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

Tgt Ion:112 Resp: 176887
Ion Ratio Lower Upper
112 100
64 65.6 53.0 79.6
63 32.9 27.0 40.4

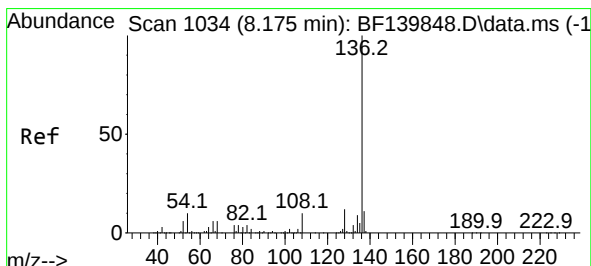
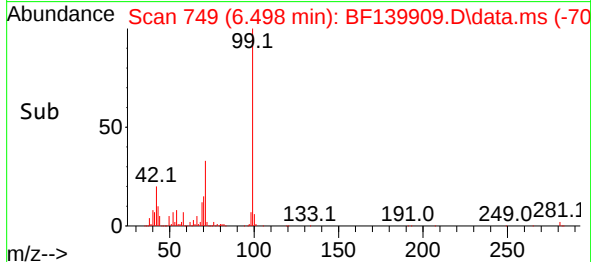
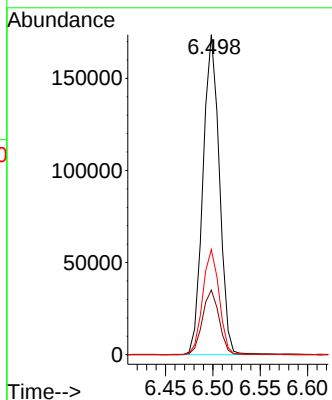
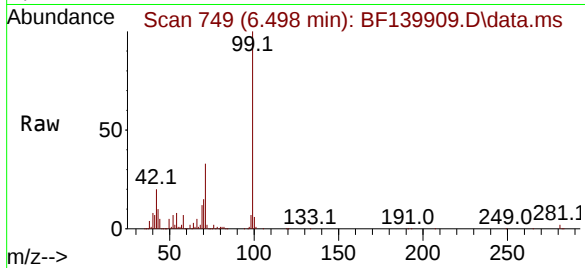




#7
Phenol-d6
Concen: 17.811 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

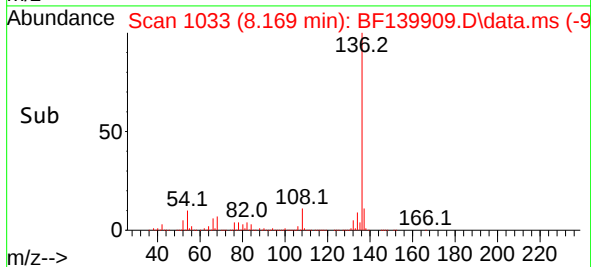
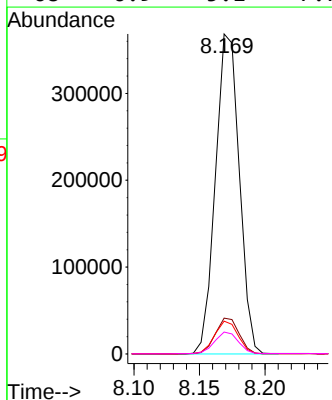
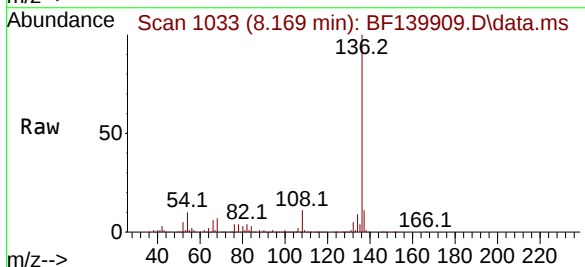
Instrument :
BNA_F
ClientSampleId :
NB-08-101424RE

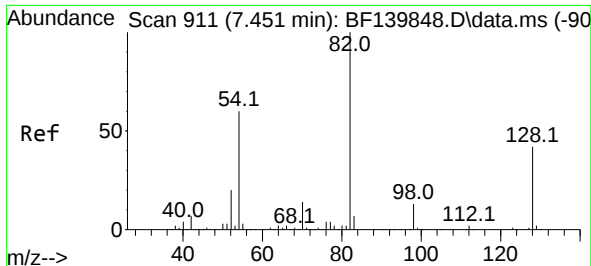
Tgt Ion: 99 Resp: 209261
Ion Ratio Lower Upper
99 100
42 20.2 16.7 25.1
71 32.9 27.7 41.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

Tgt Ion: 136 Resp: 466247
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 10.3 8.4 12.6
68 6.9 5.1 7.7

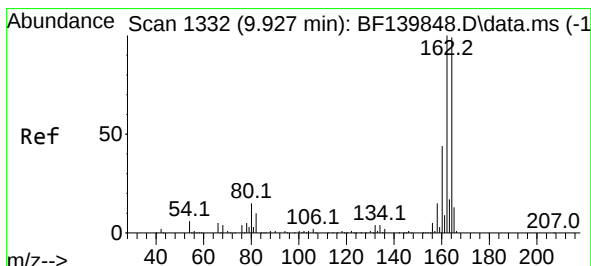
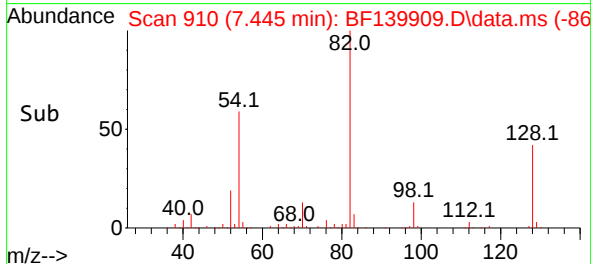
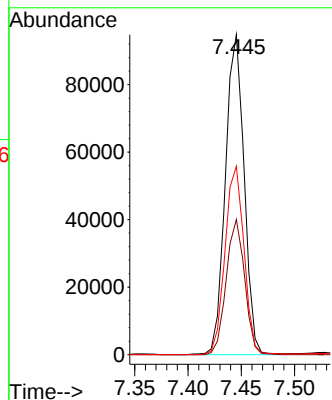
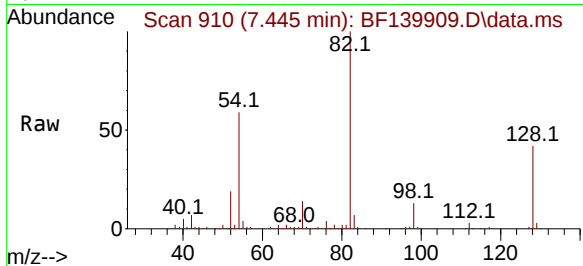




#23
 Nitrobenzene-d5
 Concen: 13.761 ng
 RT: 7.445 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: BF139909.D
 Acq: 21 Oct 2024 18:08

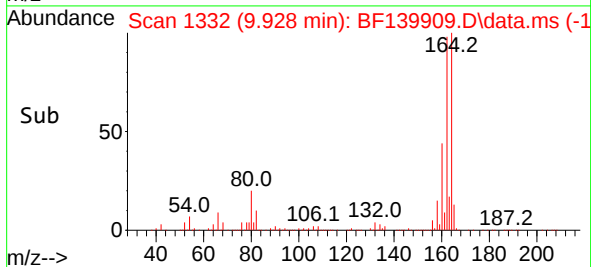
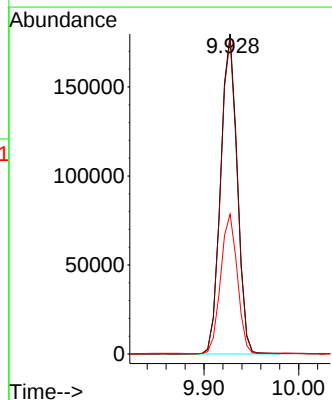
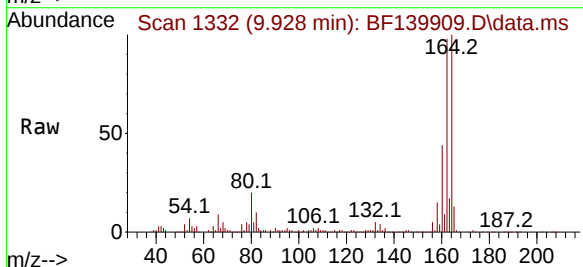
Instrument :
 BNA_F
 ClientSampleId :
 NB-08-101424RE

Tgt Ion: 82 Resp: 115761
 Ion Ratio Lower Upper
 82 100
 128 42.2 33.4 50.0
 54 58.9 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: BF139909.D
 Acq: 21 Oct 2024 18:08

Tgt Ion:164 Resp: 219761
 Ion Ratio Lower Upper
 164 100
 162 98.4 81.0 121.4
 160 43.7 35.4 53.0

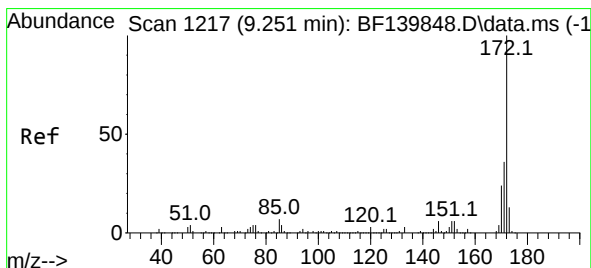
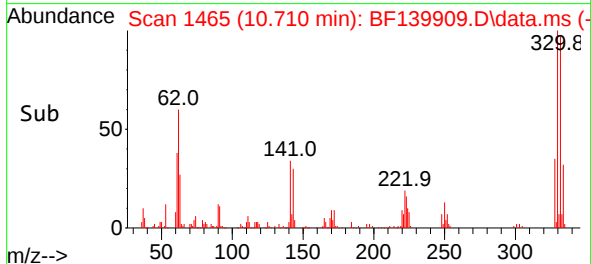
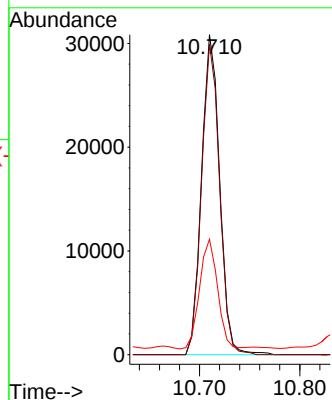
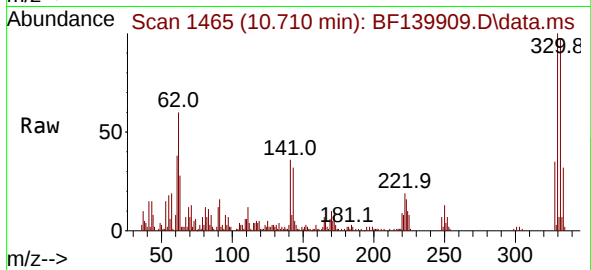




#42
2,4,6-Tribromophenol
Concen: 18.920 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

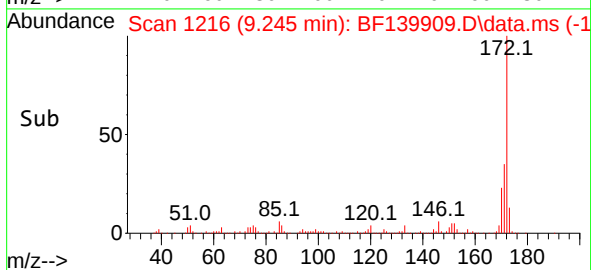
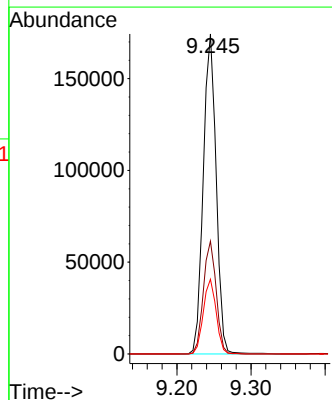
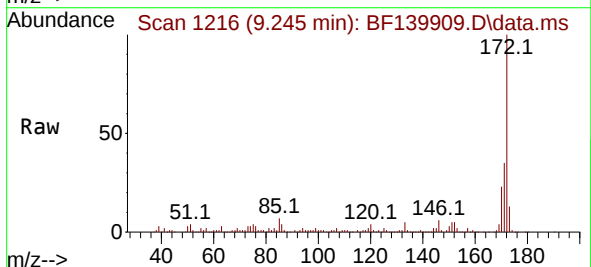
Instrument :
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ClientSampleId :
NB-08-101424RE

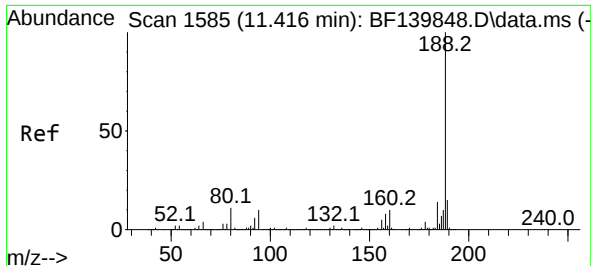
Tgt Ion:330 Resp: 38891
Ion Ratio Lower Upper
330 100
332 95.9 78.1 117.1
141 34.1 26.6 39.8



#45
2-Fluorobiphenyl
Concen: 15.836 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

Tgt Ion:172 Resp: 210571
Ion Ratio Lower Upper
172 100
171 35.3 28.6 43.0
170 23.3 19.1 28.7

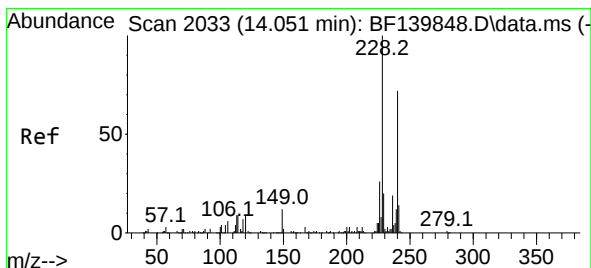
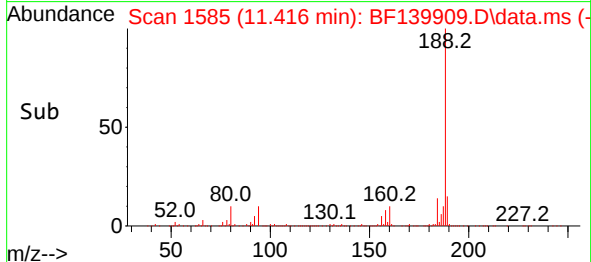
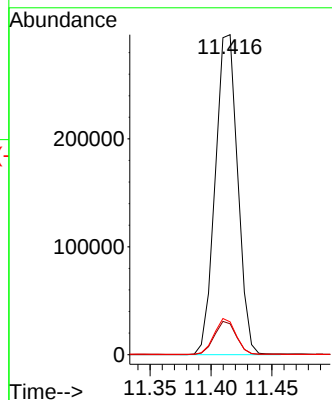
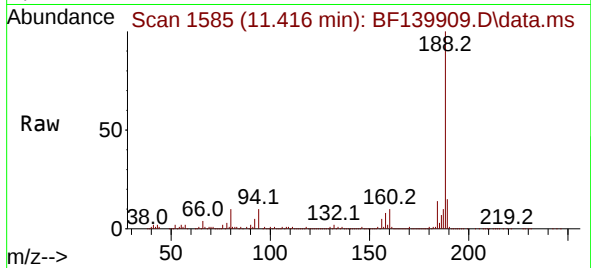




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

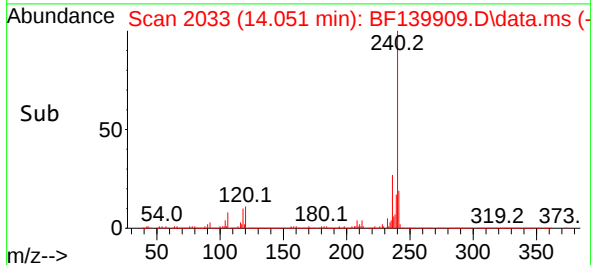
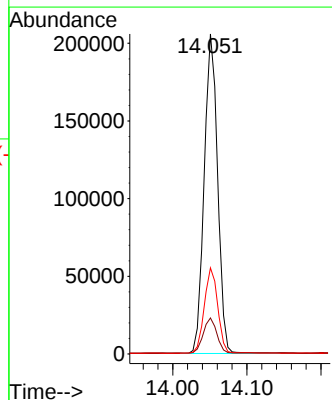
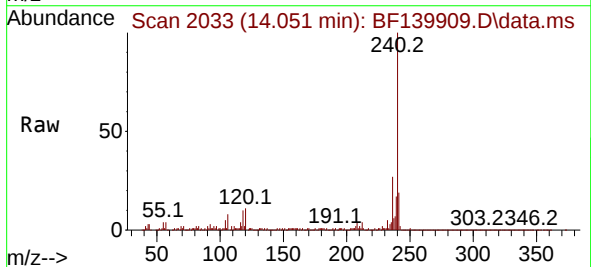
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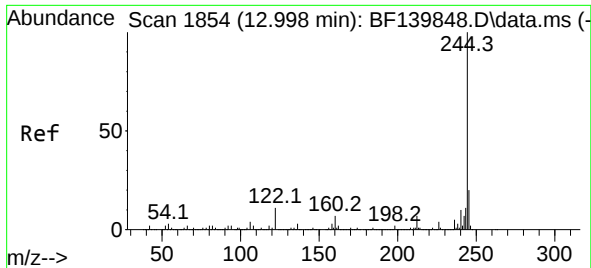
Tgt Ion:188 Resp: 380066
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.3 9.0 13.4



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139909.D
Acq: 21 Oct 2024 18:08

Tgt Ion:240 Resp: 259100
Ion Ratio Lower Upper
240 100
120 11.3 9.4 14.2
236 26.9 20.9 31.3

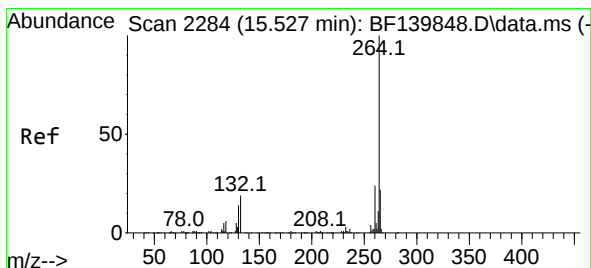
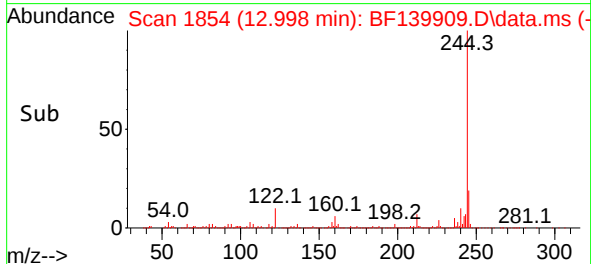
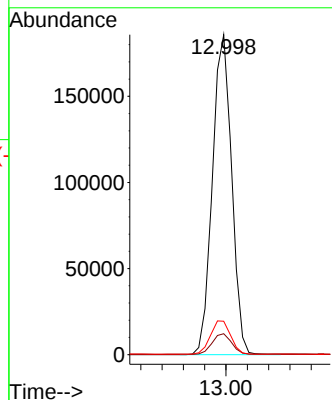
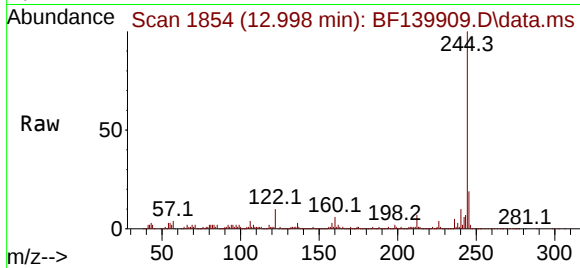




#79
 Terphenyl-d14
 Concen: 14.639 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF139909.D
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Instrument :
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Tgt Ion:244 Resp: 232764
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.7 8.5
 122 10.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.533 min Scan# 2285
 Delta R.T. 0.006 min
 Lab File: BF139909.D
 Acq: 21 Oct 2024 18:08

Tgt Ion:264 Resp: 216717
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.4 29.2
 265 21.8 17.4 26.0

