

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091024\
Data File : BF139304.D
Acq On : 10 Sep 2024 17:28
Operator : RC/JU
Sample : P3872-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409

Quant Time: Sep 11 01:29:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	116662	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	426223	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	224010	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	340765	20.000	ng	0.00
76) Chrysene-d12	14.045	240	205850	20.000	ng	0.00
86) Perylene-d12	15.521	264	156319	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	996532	142.897	ng	0.02
7) Phenol-d6	6.522	99	1300693	139.711	ng	0.00
23) Nitrobenzene-d5	7.451	82	872788	106.528	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	290835	150.352	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1539498	106.086	ng	0.00
79) Terphenyl-d14	12.998	244	1178067	92.401	ng	0.00

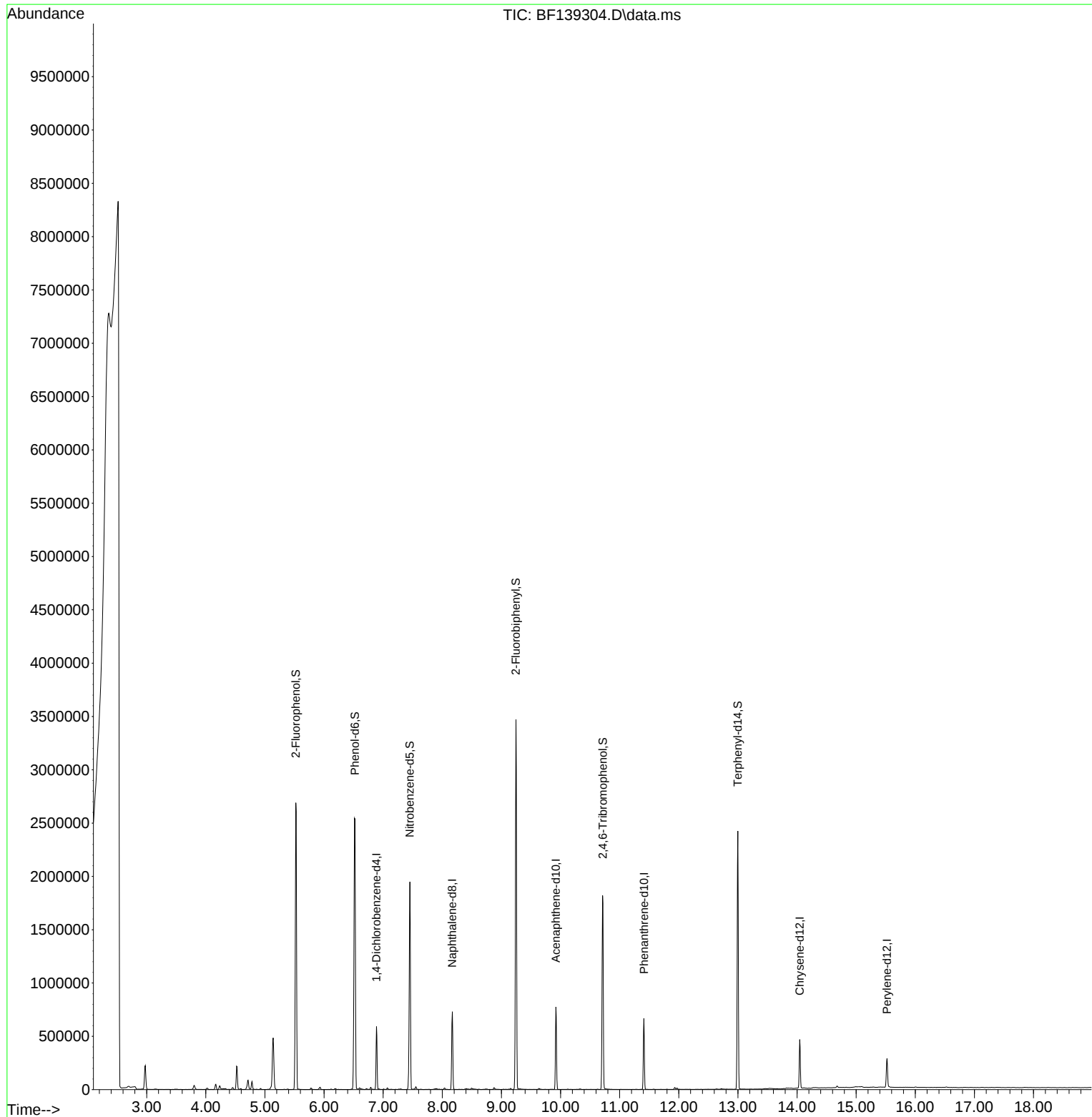
Target Compounds	Qvalue

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

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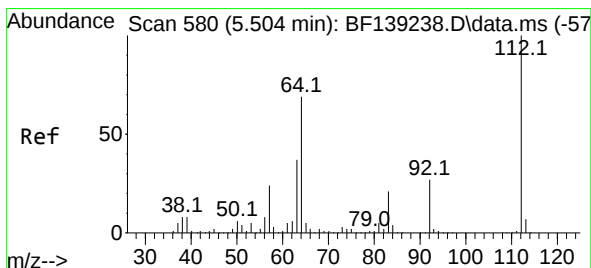
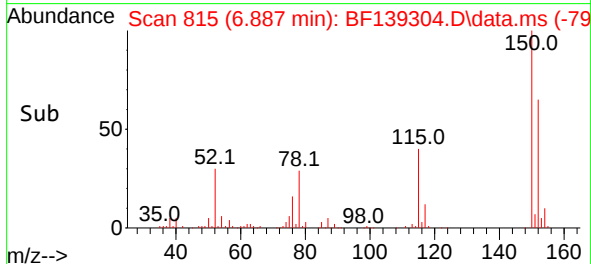
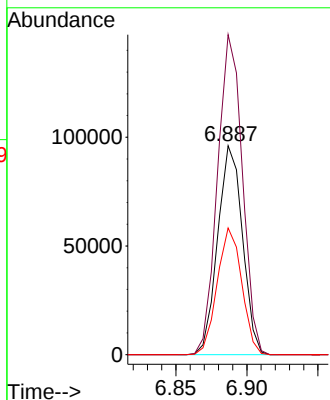
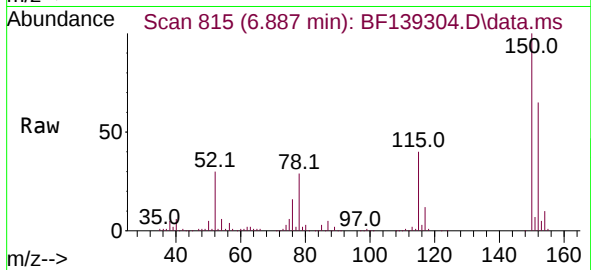




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

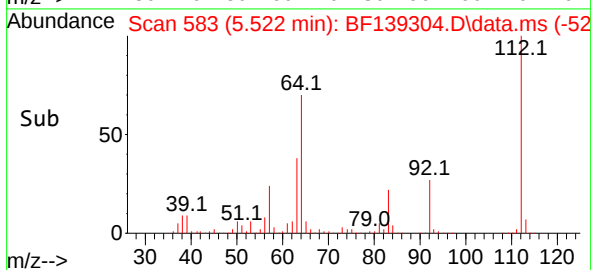
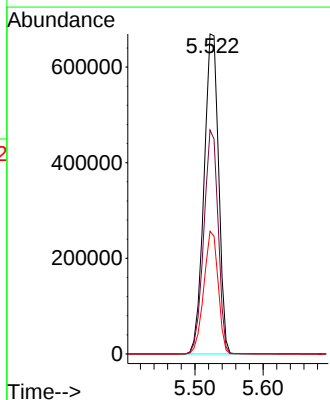
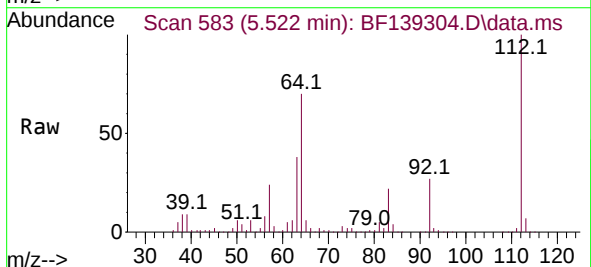
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409

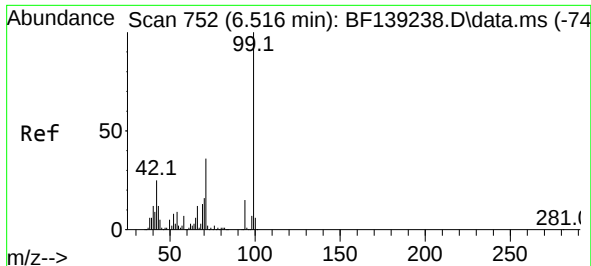
Tgt Ion:152 Resp: 116662
Ion Ratio Lower Upper
152 100
150 153.1 127.0 190.4
115 60.6 46.9 70.3



#5
2-Fluorophenol
Concen: 142.897 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.018 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

Tgt Ion:112 Resp: 996532
Ion Ratio Lower Upper
112 100
64 70.0 55.0 82.4
63 38.3 29.9 44.9

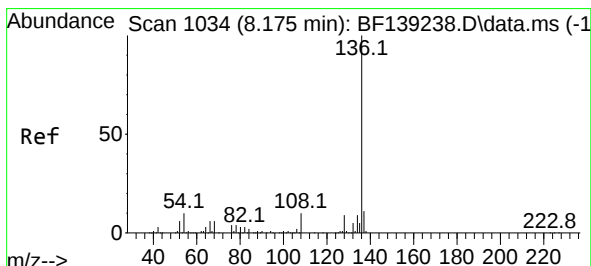
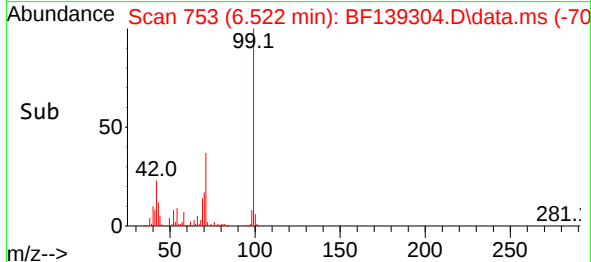
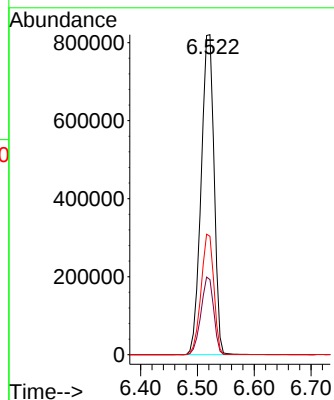
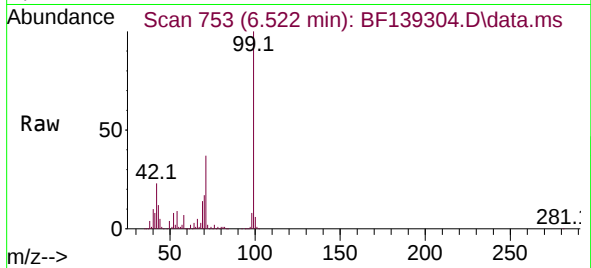




#7
Phenol-d6
Concen: 139.711 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

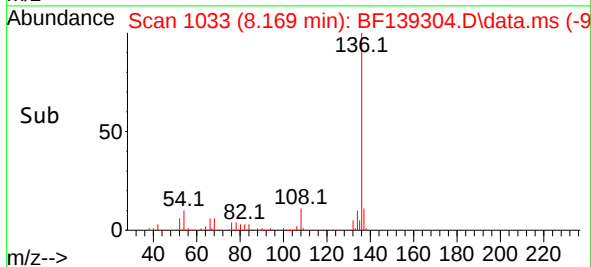
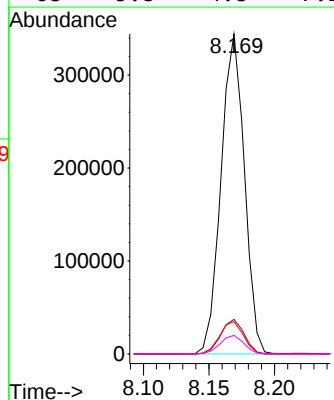
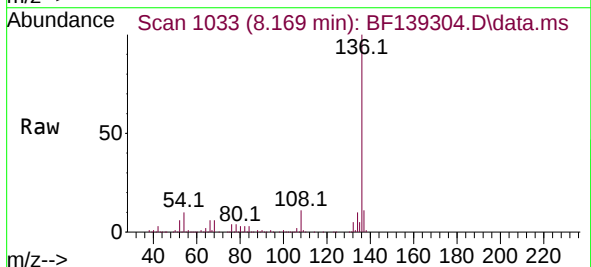
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409

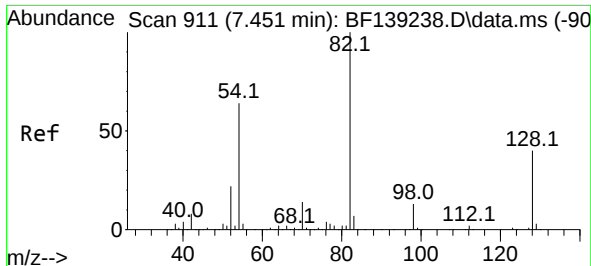
Tgt Ion: 99 Resp: 1300693
Ion Ratio Lower Upper
99 100
42 23.4 19.8 29.6
71 37.0 28.8 43.2



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

Tgt Ion: 136 Resp: 426223
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 10.1 8.4 12.6
68 5.8 4.8 7.2

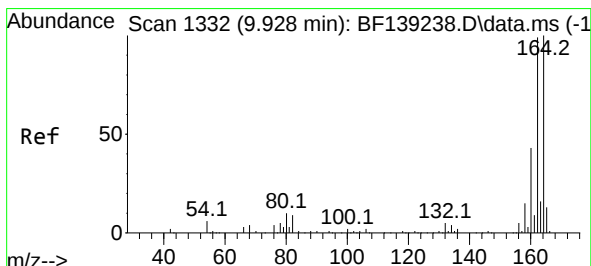
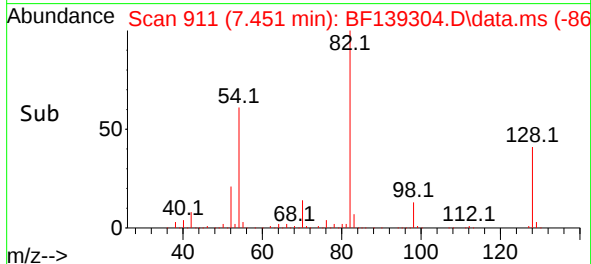
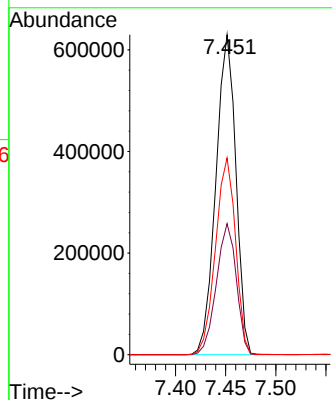
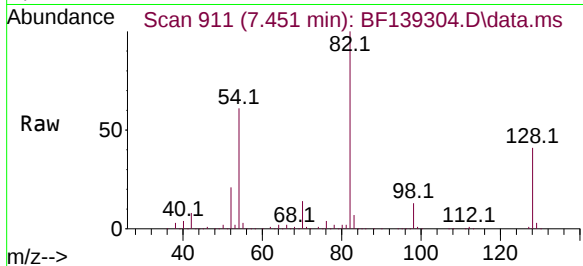




#23
Nitrobenzene-d5
Concen: 106.528 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

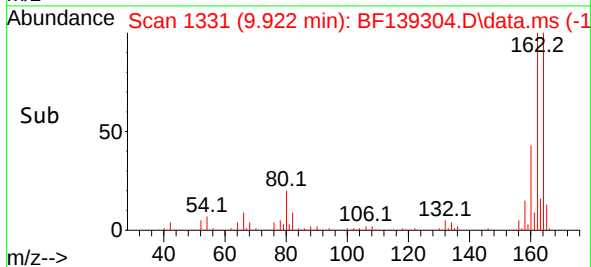
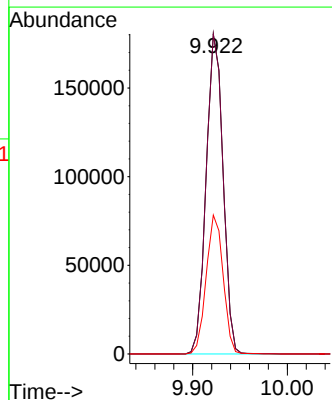
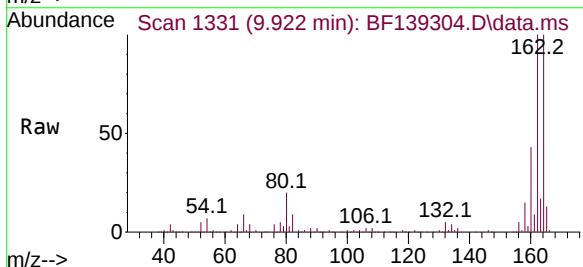
Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409

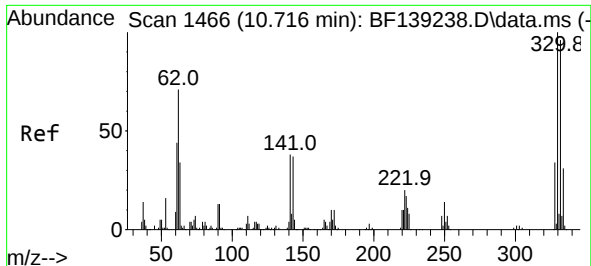
Tgt Ion: 82 Resp: 872788
Ion Ratio Lower Upper
82 100
128 41.0 32.3 48.5
54 61.5 51.2 76.8



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

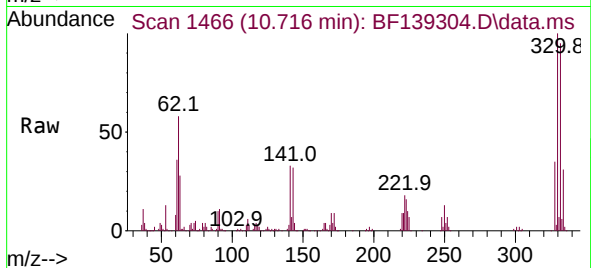
Tgt Ion:164 Resp: 224010
Ion Ratio Lower Upper
164 100
162 99.9 79.2 118.8
160 43.4 34.2 51.2



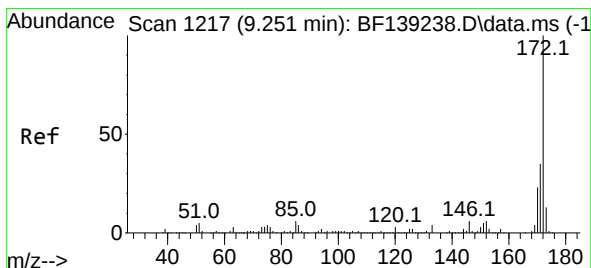
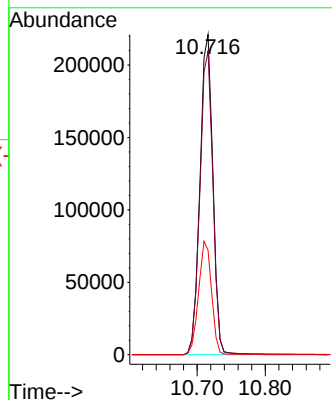
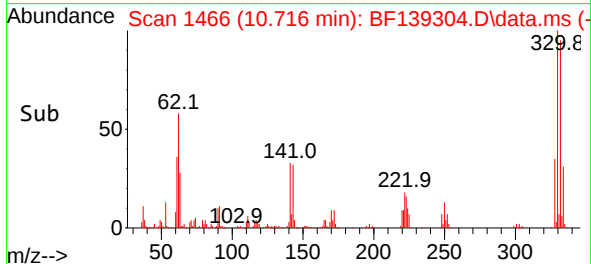


#42
2,4,6-Tribromophenol
Concen: 150.352 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.000 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

Instrument :
BNA_F
ClientSampleId :
WC-S-07-202409

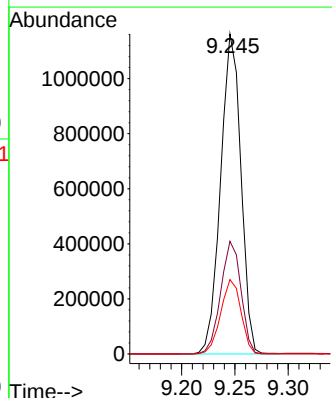
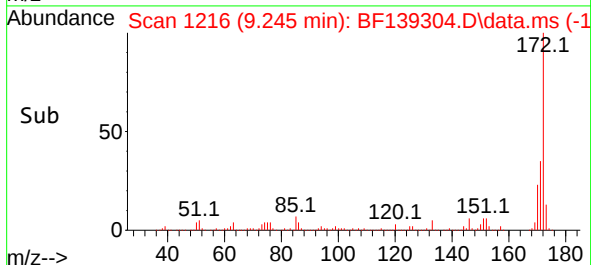
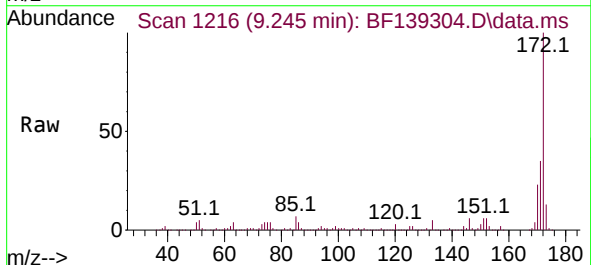


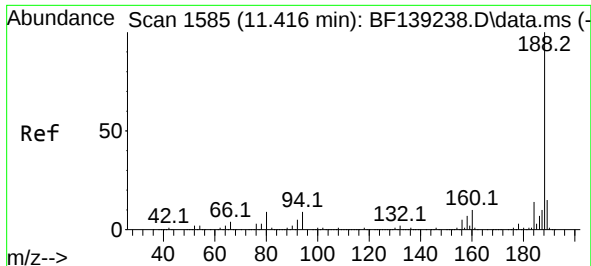
Tgt Ion:330 Resp: 290835
Ion Ratio Lower Upper
330 100
332 95.5 76.6 115.0
141 35.5 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 106.086 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

Tgt Ion:172 Resp: 1539498
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.3 18.7 28.1

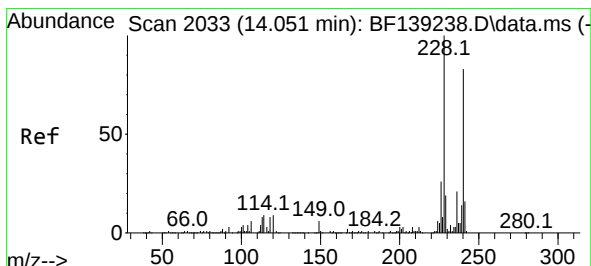
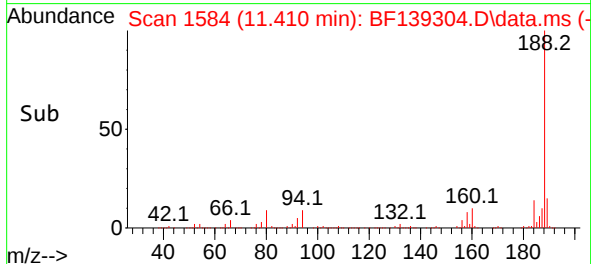
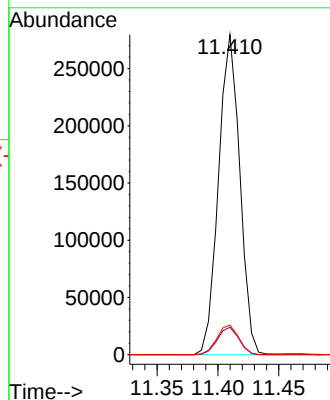
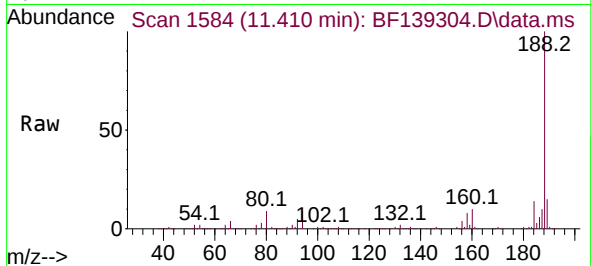




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

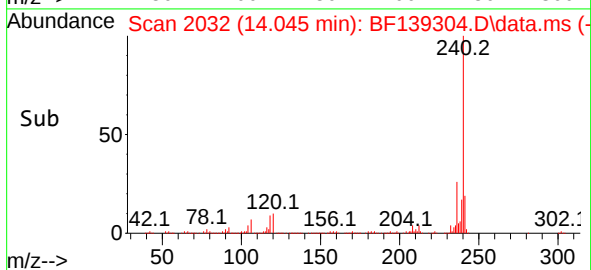
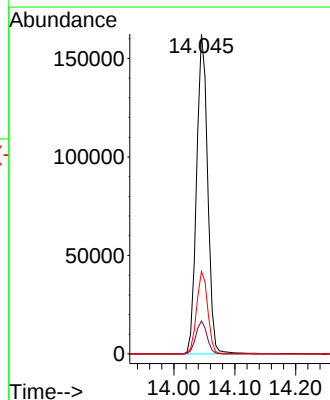
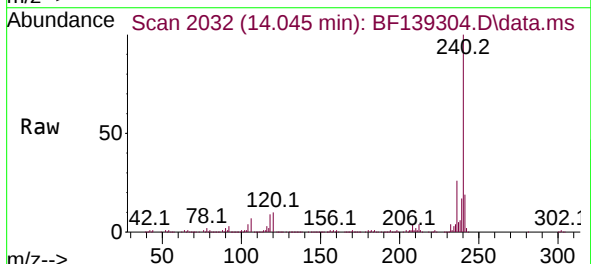
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ClientSampleId :
WC-S-07-202409

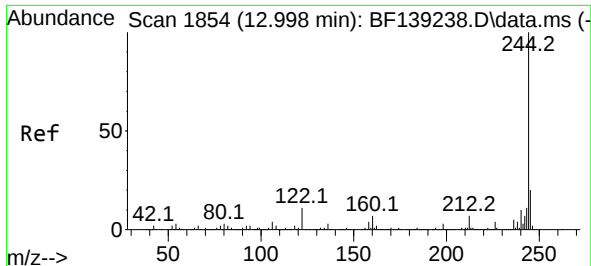
Tgt Ion:188 Resp: 340765
Ion Ratio Lower Upper
188 100
94 8.6 7.0 10.4
80 9.3 7.3 10.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139304.D
Acq: 10 Sep 2024 17:28

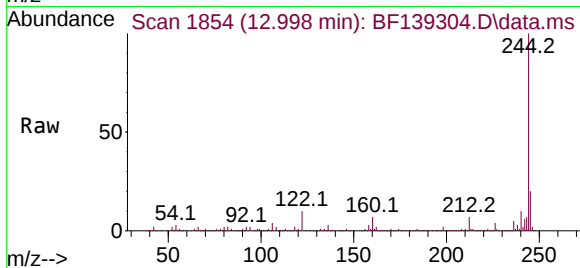
Tgt Ion:240 Resp: 205850
Ion Ratio Lower Upper
240 100
120 10.3 8.6 12.8
236 25.8 20.7 31.1



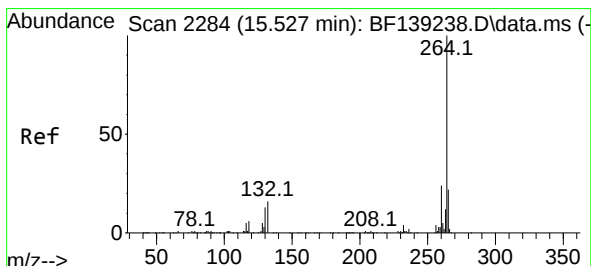
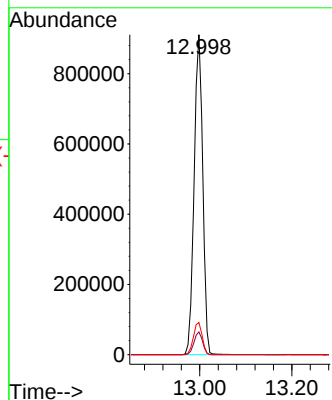
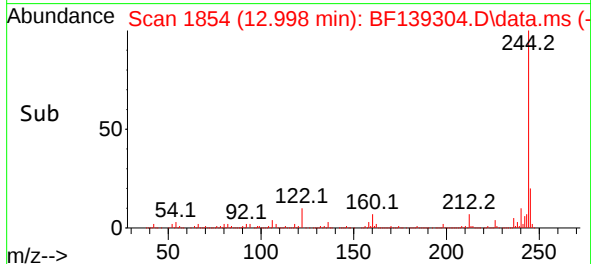


#79
 Terphenyl-d14
 Concen: 92.401 ng
 RT: 12.998 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139304.D
 Acq: 10 Sep 2024 17:28

Instrument :
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 ClientSampleId :
 WC-S-07-202409



Tgt Ion:244 Resp: 1178067
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.1 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF139304.D
 Acq: 10 Sep 2024 17:28

Tgt Ion:264 Resp: 156319
 Ion Ratio Lower Upper
 264 100
 260 23.8 18.8 28.2
 265 21.3 17.3 25.9

