

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140811.D
 Acq On : 10 Dec 2024 17:34
 Operator : RC/JU
 Sample : P5216-08
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-743

Quant Time: Dec 11 00:33:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	82193	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	305435	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	159057	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	236792	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	132619	20.000	ng	0.00
86) Perylene-d12	15.545	264	87693	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	647929	134.501	ng	0.02
7) Phenol-d6	6.522	99	761485	119.569	ng	0.00
23) Nitrobenzene-d5	7.428	82	582861	97.610	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	229031	134.635	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1094188	102.496	ng	-0.02
79) Terphenyl-d14	12.980	244	885626	103.985	ng	-0.01

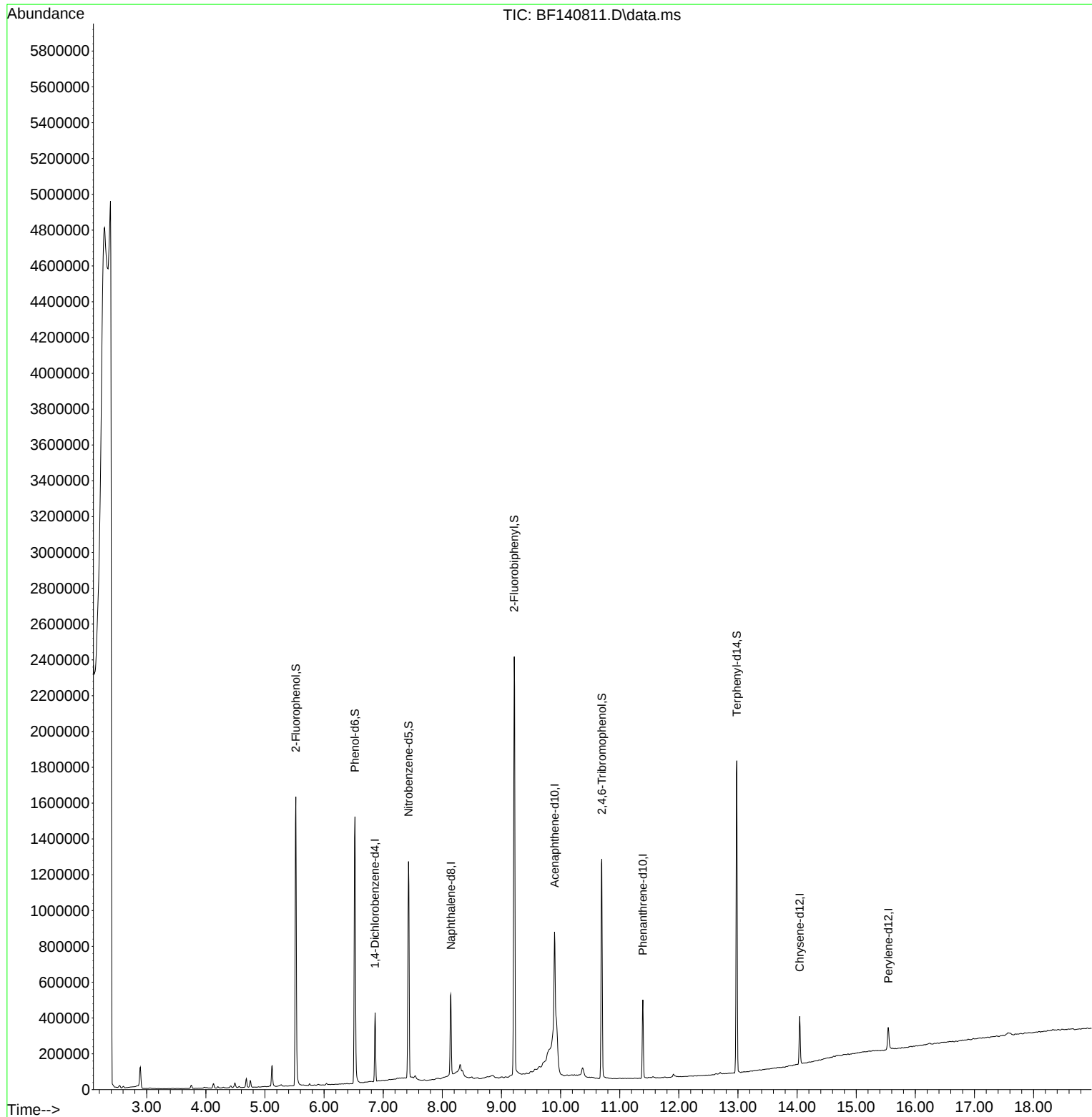
Target Compounds	Qvalue

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

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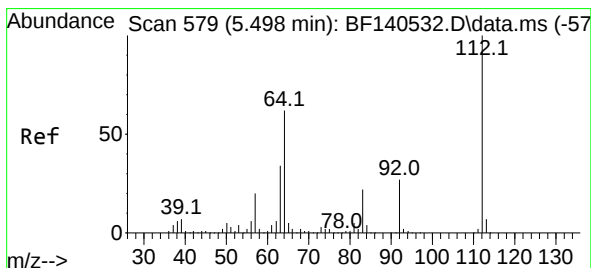
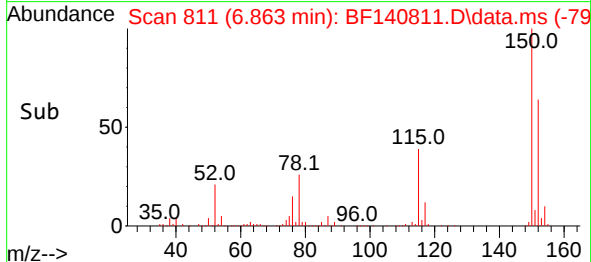
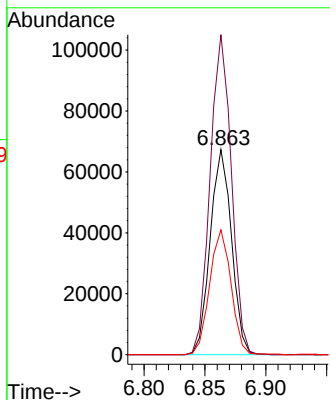
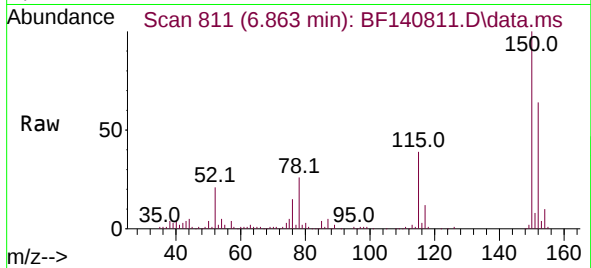




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

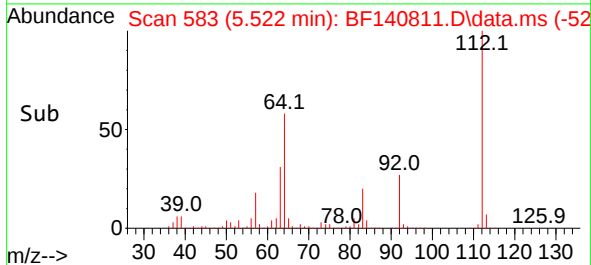
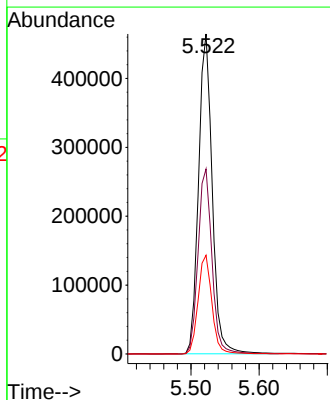
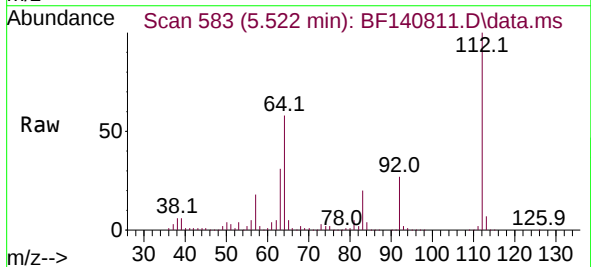
Instrument :
BNA_F
ClientSampleId :
MH-743

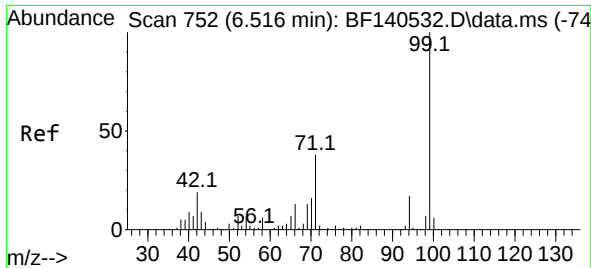
Tgt Ion:152 Resp: 82193
Ion Ratio Lower Upper
152 100
150 156.0 128.5 192.7
115 60.8 50.2 75.4



#5
2-Fluorophenol
Concen: 134.501 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

Tgt Ion:112 Resp: 647929
Ion Ratio Lower Upper
112 100
64 57.8 49.2 73.8
63 30.9 27.0 40.4

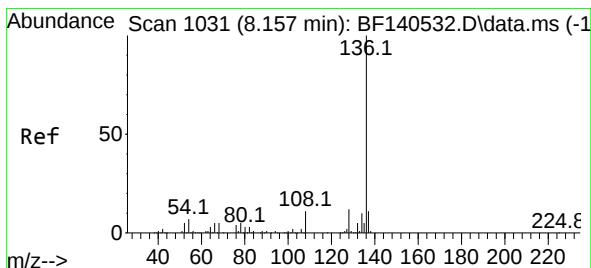
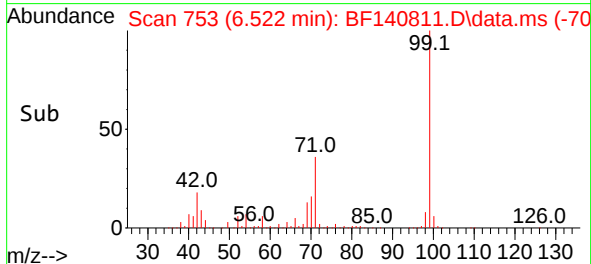
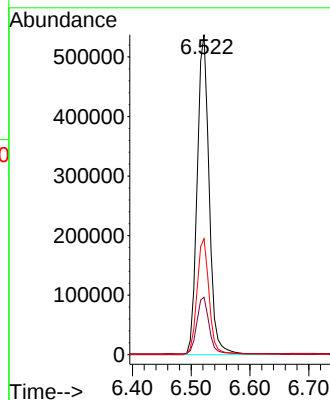
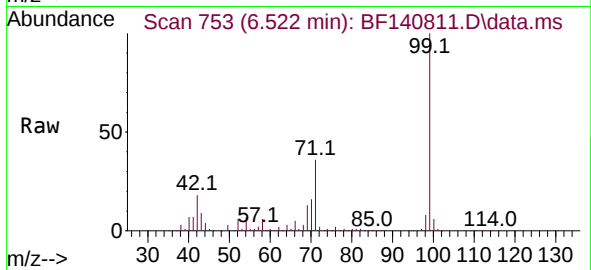




#7
Phenol-d6
Concen: 119.569 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

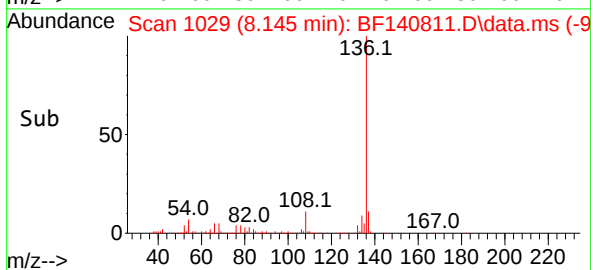
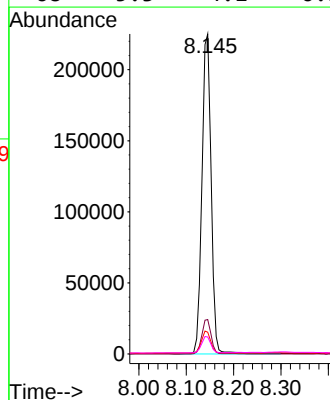
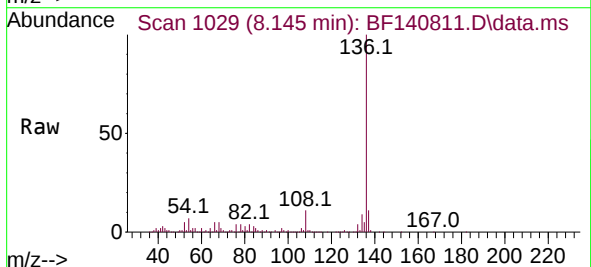
Instrument :
BNA_F
ClientSampleId :
MH-743

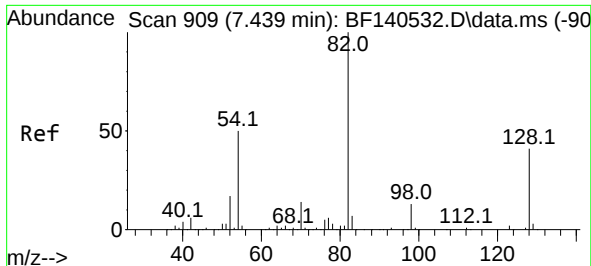
Tgt Ion: 99 Resp: 761485
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

Tgt Ion: 136 Resp: 305435
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 6.8 5.8 8.8
68 5.3 4.1 6.1

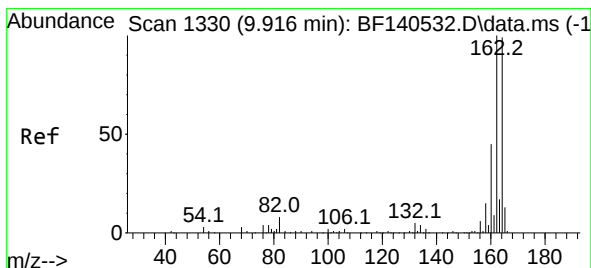
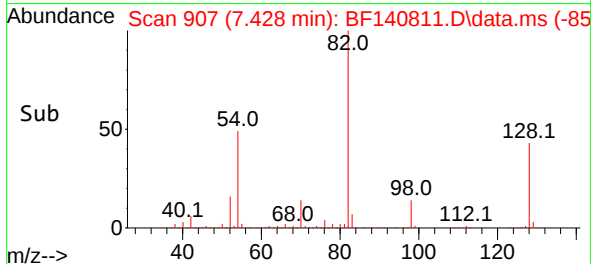
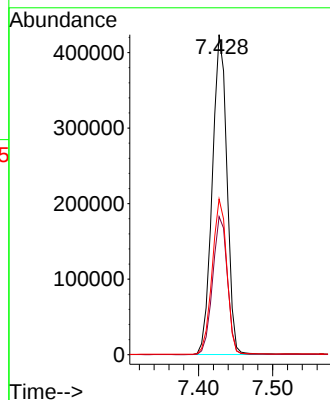
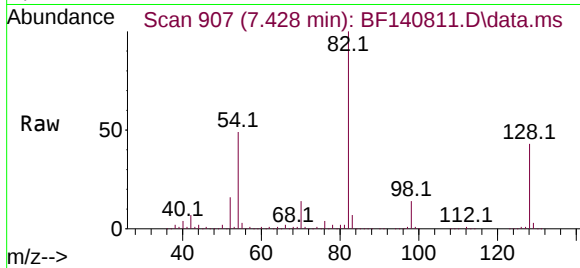




#23
Nitrobenzene-d5
Concen: 97.610 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

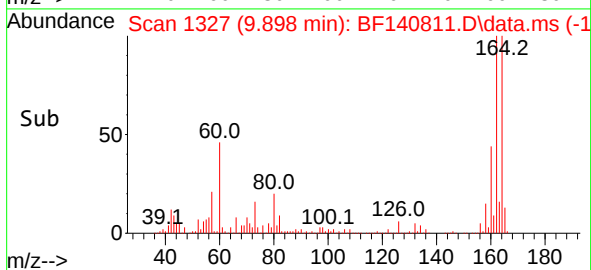
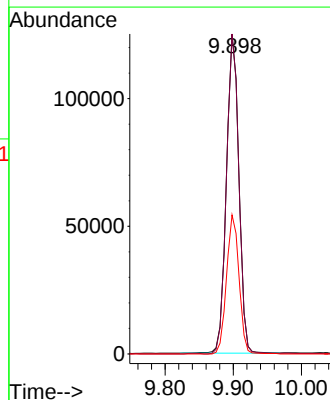
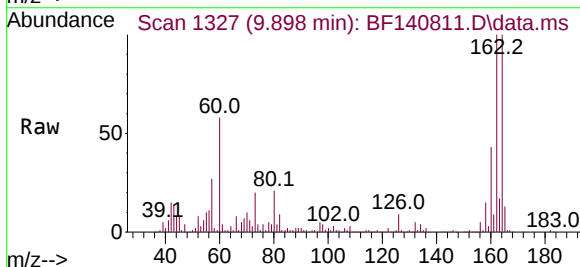
Instrument :
BNA_F
ClientSampleId :
MH-743

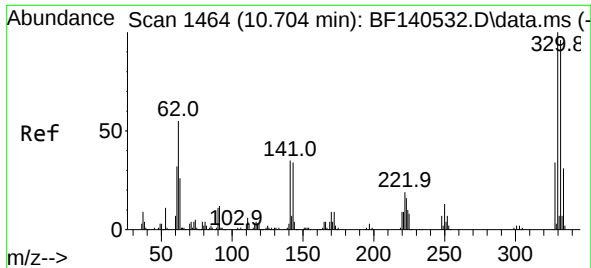
Tgt Ion: 82 Resp: 582861
Ion Ratio Lower Upper
82 100
128 43.2 33.0 49.4
54 48.6 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

Tgt Ion:164 Resp: 159057
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 43.5 36.2 54.4

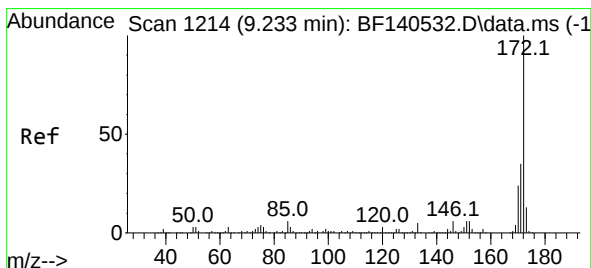
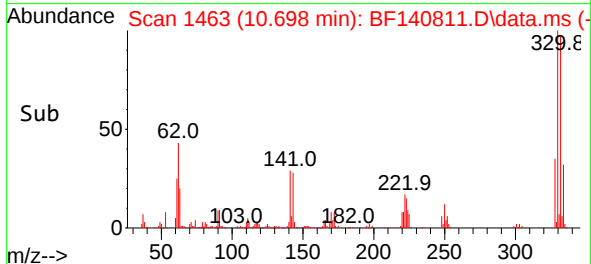
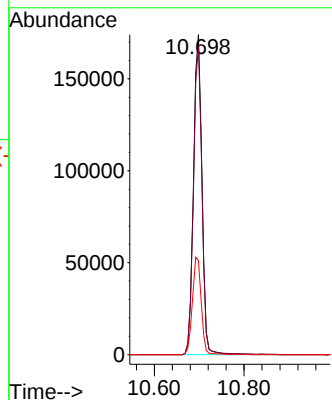
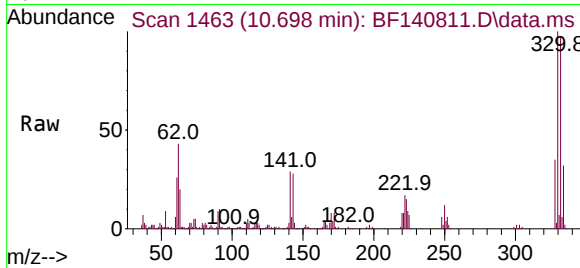




#42
2,4,6-Tribromophenol
Concen: 134.635 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

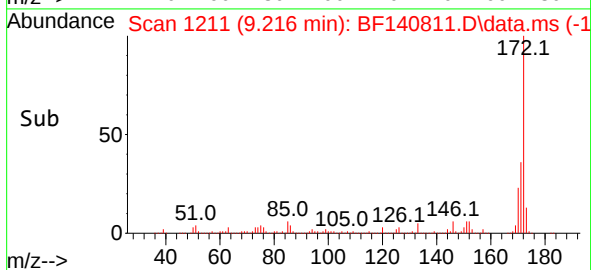
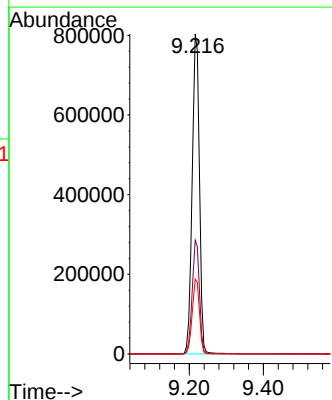
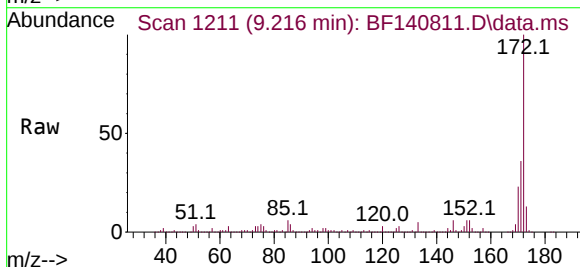
Instrument :
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ClientSampleId :
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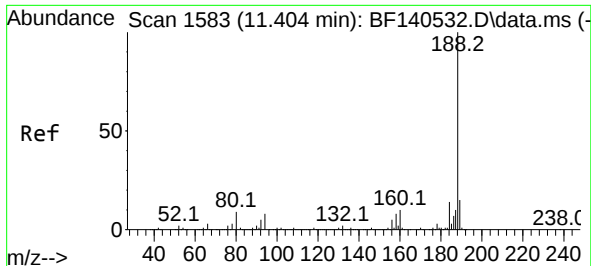
Tgt Ion:330 Resp: 229031
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 31.7 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 102.496 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

Tgt Ion:172 Resp: 1094188
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.4 19.0 28.6

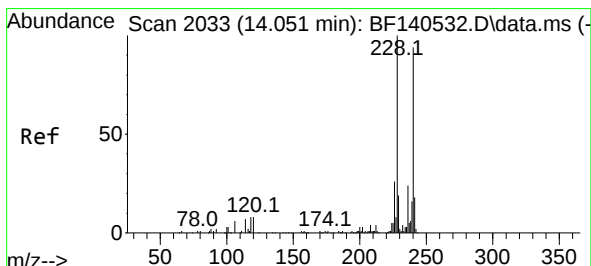
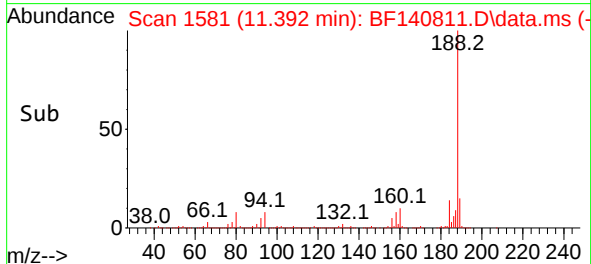
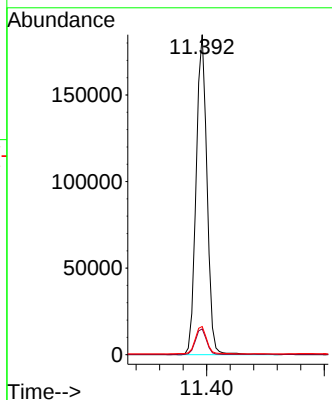
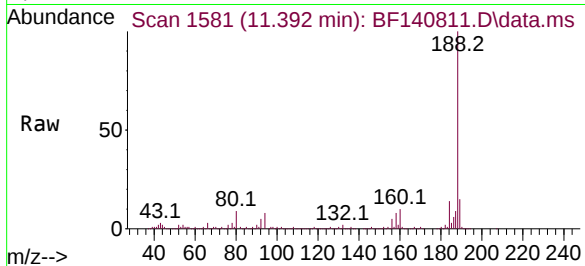




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11392
Delta R.T. -0.012 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

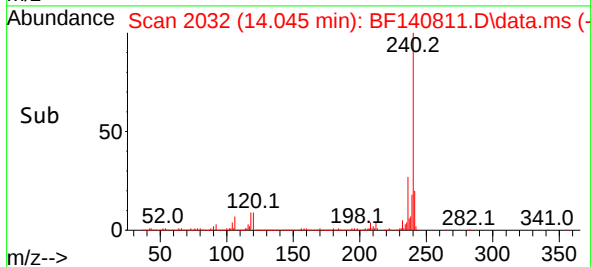
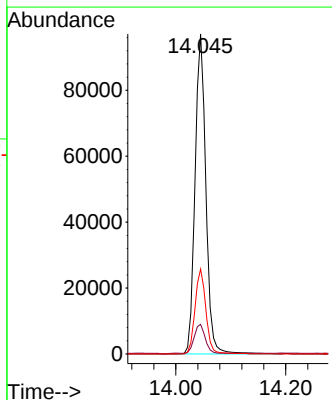
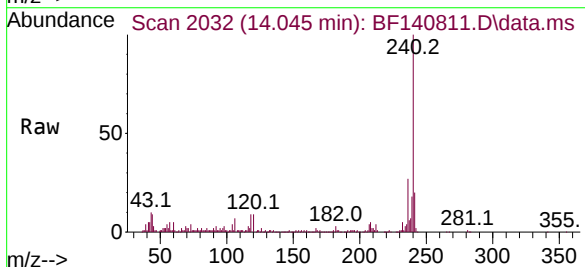
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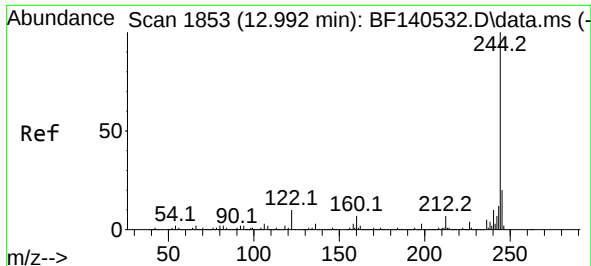
Tgt Ion:188 Resp: 236792
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.8 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140811.D
Acq: 10 Dec 2024 17:34

Tgt Ion:240 Resp: 132619
Ion Ratio Lower Upper
240 100
120 9.2 7.3 10.9
236 26.6 20.6 31.0

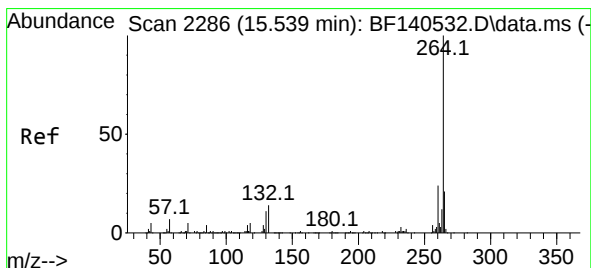
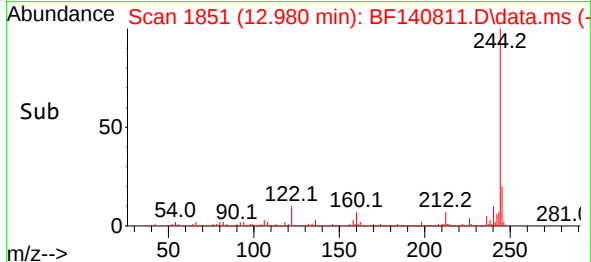
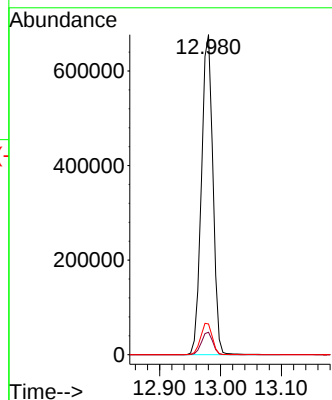
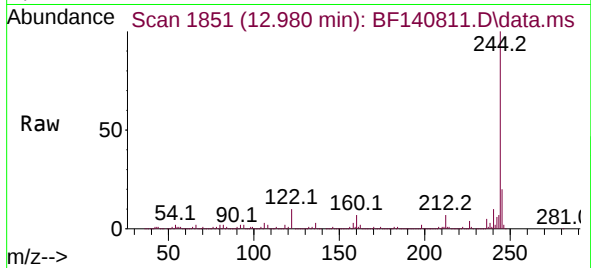




#79
 Terphenyl-d14
 Concen: 103.985 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140811.D
 Acq: 10 Dec 2024 17:34

Instrument :
 BNA_F
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Tgt Ion:244 Resp: 885626
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: BF140811.D
 Acq: 10 Dec 2024 17:34

Tgt Ion:264 Resp: 87693
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 21.8 16.6 25.0

