

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121324\
 Data File : BF140841.D
 Acq On : 13 Dec 2024 13:39
 Operator : RC/JU
 Sample : PB165590BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB165590BL

Quant Time: Dec 13 16:14:01 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	6.857	152	55621	20.000	ng	-0.02
21) Naphthalene-d8	8.139	136	202060	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	114755	20.000	ng	-0.02
64) Phenanthrene-d10	11.386	188	213713	20.000	ng	-0.02
76) Chrysene-d12	14.045	240	108499	20.000	ng	0.00
86) Perylene-d12	15.556	264	112137	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	518518	159.059	ng	0.00
7) Phenol-d6	6.504	99	659683	153.070	ng	-0.01
23) Nitrobenzene-d5	7.422	82	427175	108.137	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	193918	158.002	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	879843	114.236	ng	-0.02
79) Terphenyl-d14	12.974	244	895236	128.480	ng	-0.02

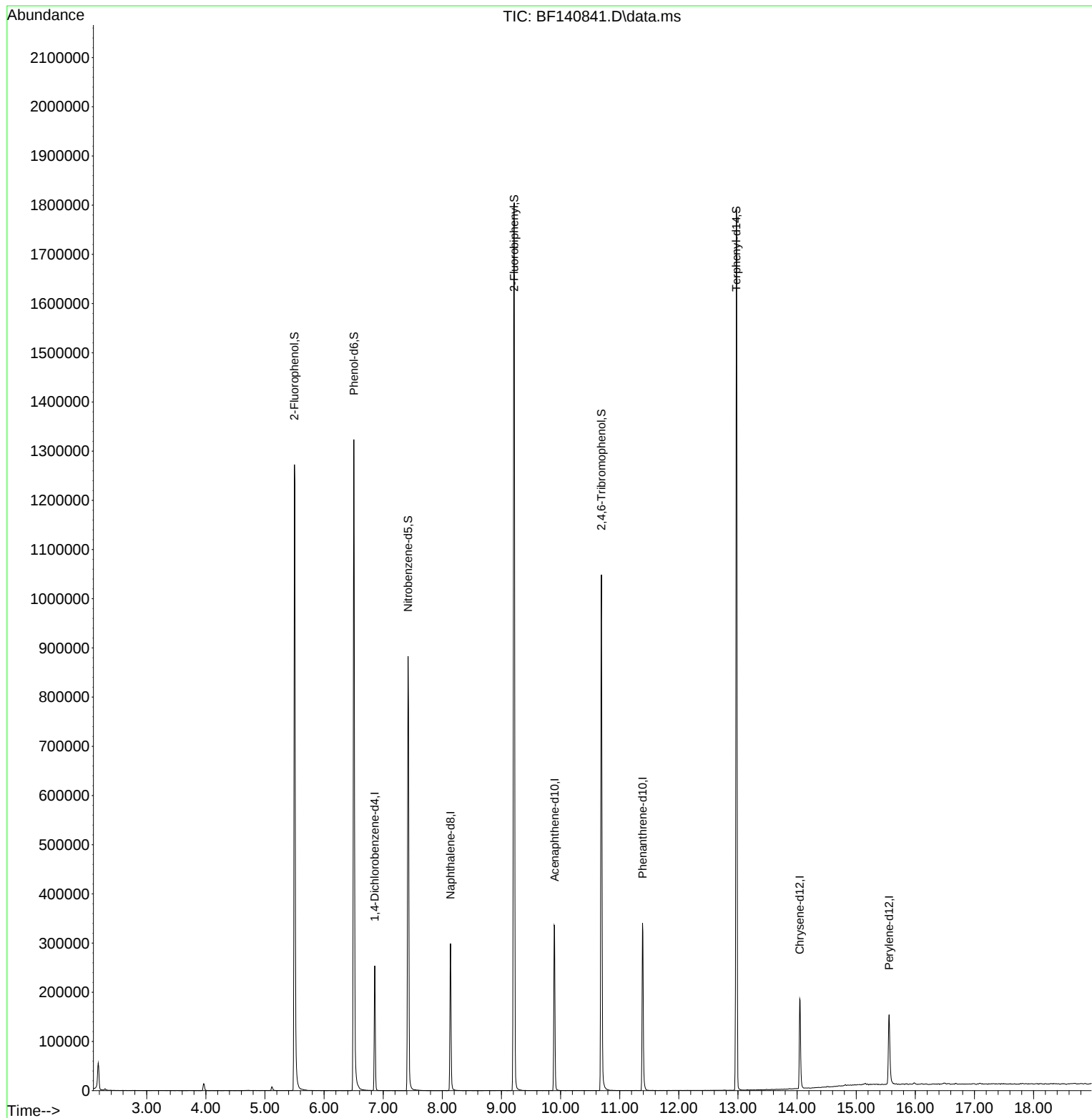
Target Compounds	Qvalue

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

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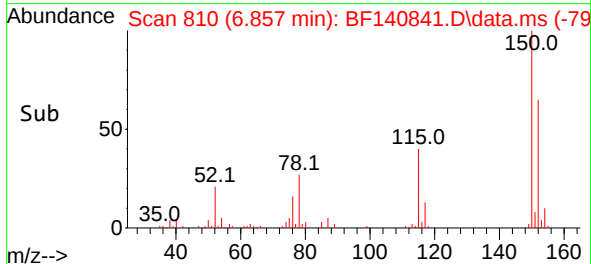
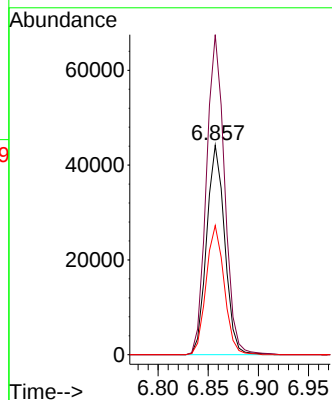
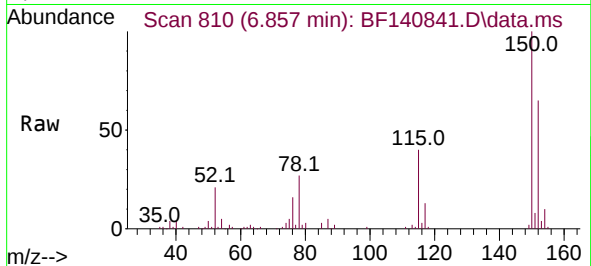




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 813
Delta R.T. -0.018 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

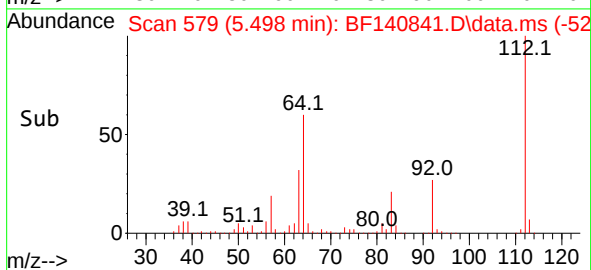
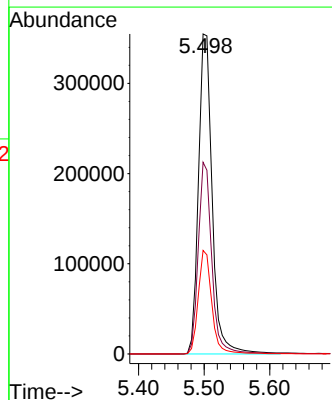
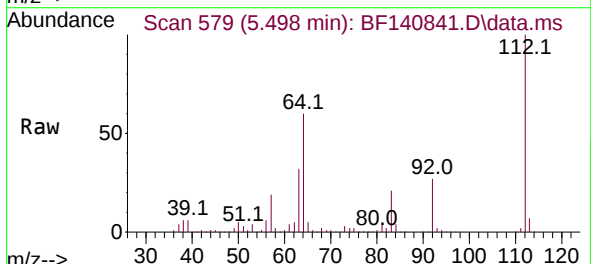
Instrument :
BNA_F
ClientSampleId :
PB165590BL

Tgt Ion:152 Resp: 55621
Ion Ratio Lower Upper
152 100
150 152.7 128.5 192.7
115 61.7 50.2 75.4



#5
2-Fluorophenol
Concen: 159.059 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

Tgt Ion:112 Resp: 518518
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 32.3 27.0 40.4

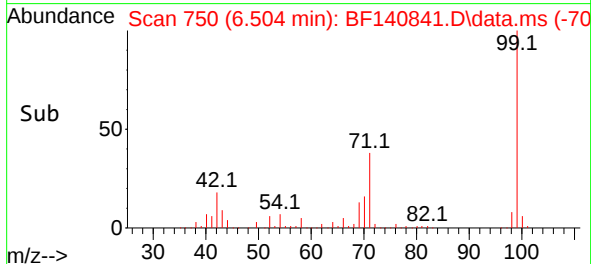
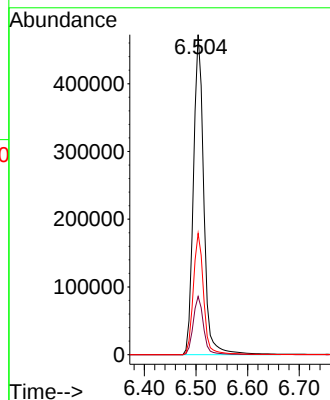
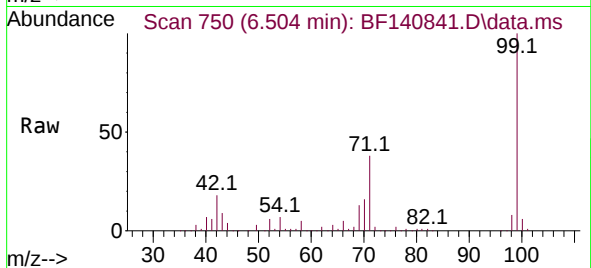




#7
Phenol-d6
Concen: 153.070 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

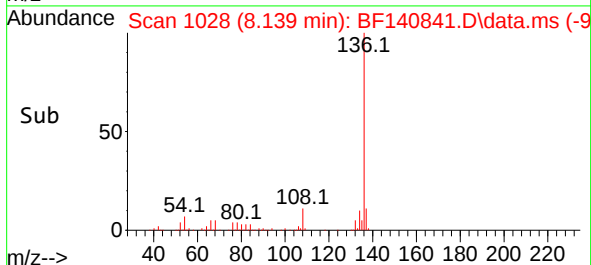
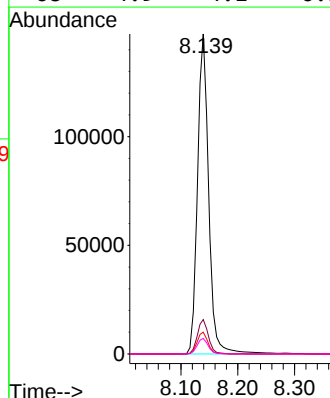
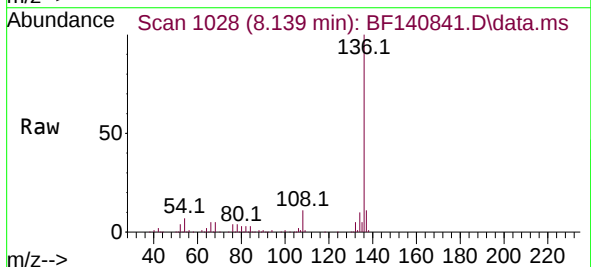
Instrument :
BNA_F
ClientSampleId :
PB165590BL

Tgt Ion: 99 Resp: 659683
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

Tgt Ion: 136 Resp: 202060
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 6.8 5.8 8.8
68 4.9 4.1 6.1

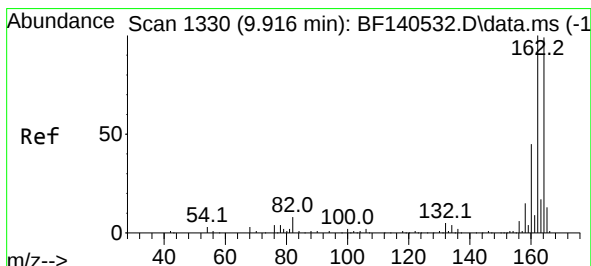
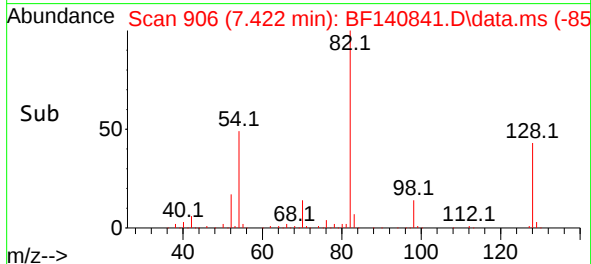
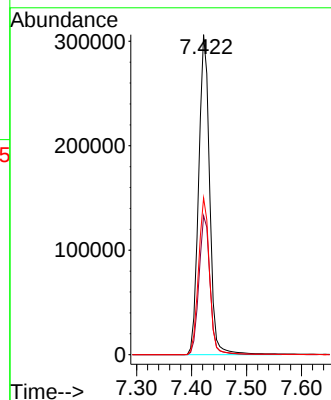
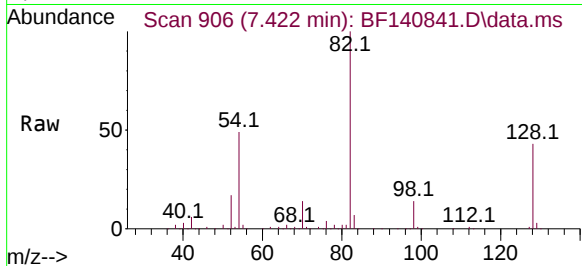




#23
Nitrobenzene-d5
Concen: 108.137 ng
RT: 7.422 min Scan# 909
Delta R.T. -0.018 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

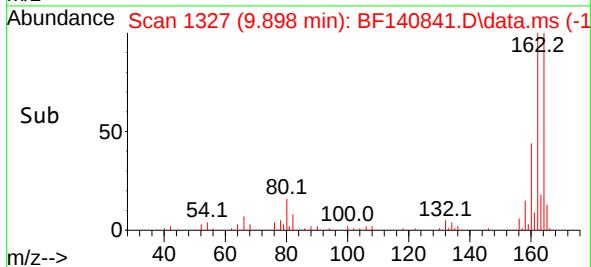
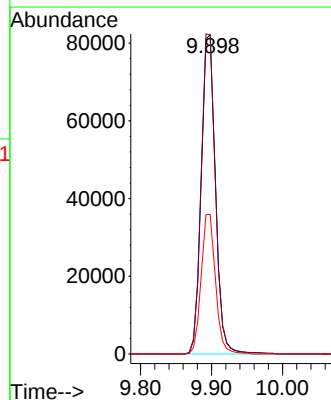
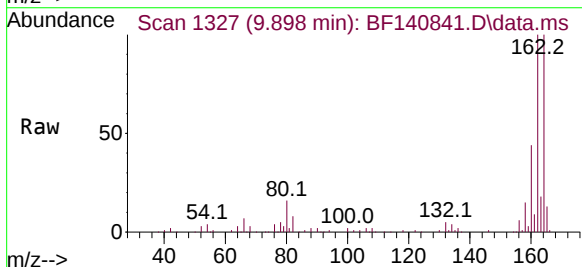
Instrument :
BNA_F
ClientSampleId :
PB165590BL

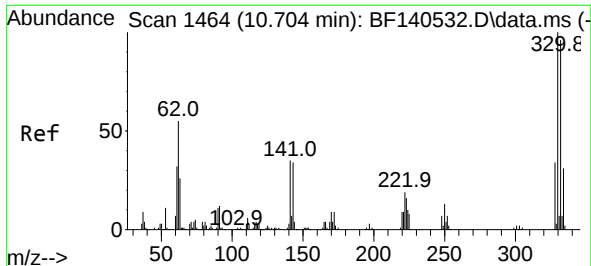
Tgt Ion: 82 Resp: 427175
Ion Ratio Lower Upper
82 100
128 43.4 33.0 49.4
54 49.0 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

Tgt Ion:164 Resp: 114755
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 43.7 36.2 54.4

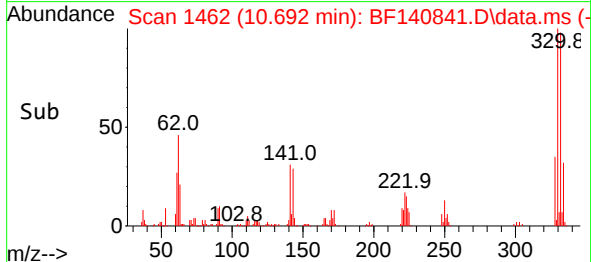
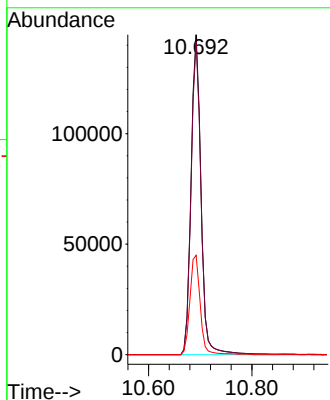
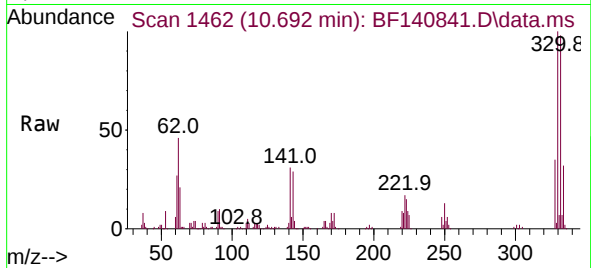




#42
2,4,6-Tribromophenol
Concen: 158.002 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

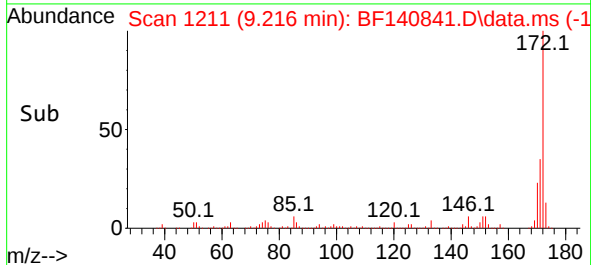
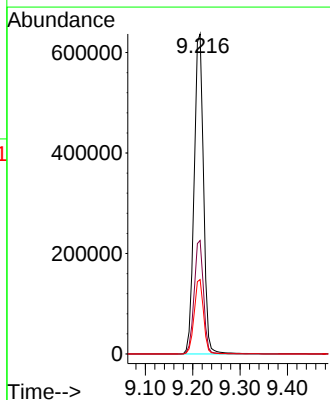
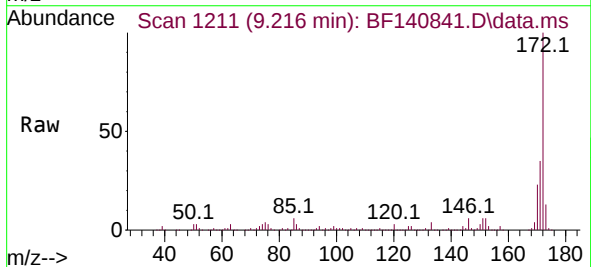
Instrument :
BNA_F
ClientSampleId :
PB165590BL

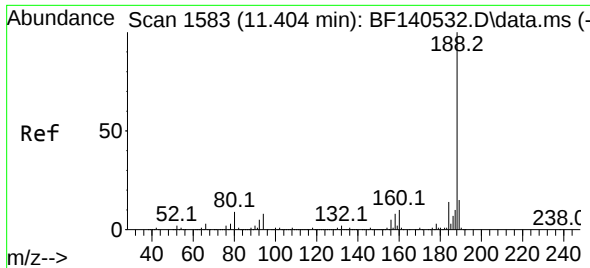
Tgt Ion:330 Resp: 193918
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 32.2 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 114.236 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

Tgt Ion:172 Resp: 879843
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.2 19.0 28.6

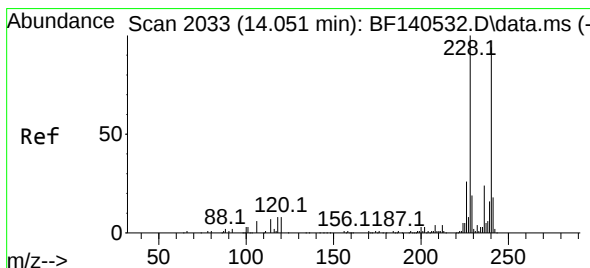
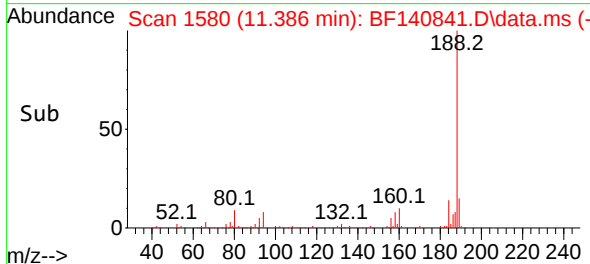
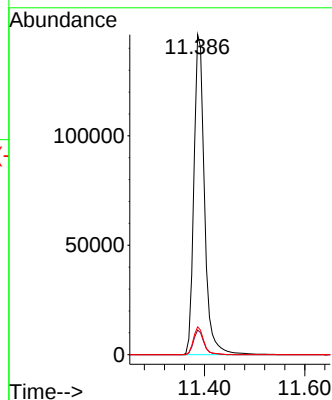
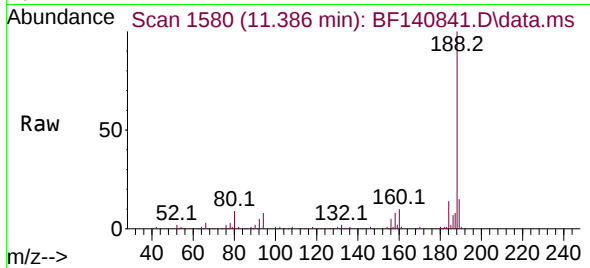




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

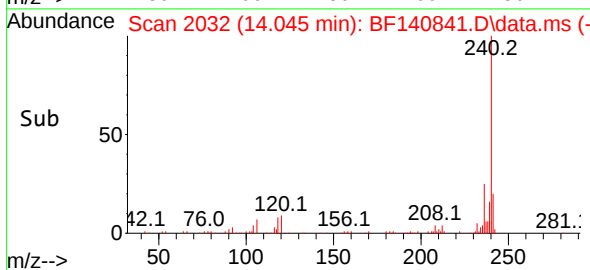
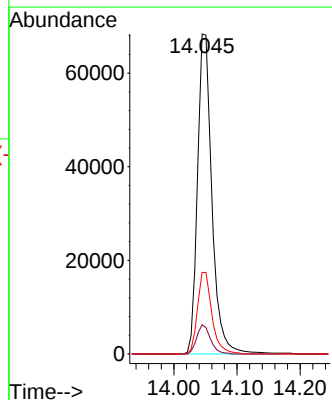
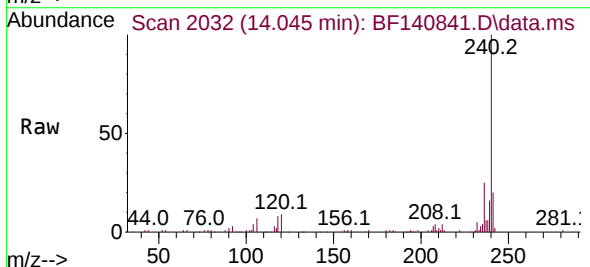
Instrument :
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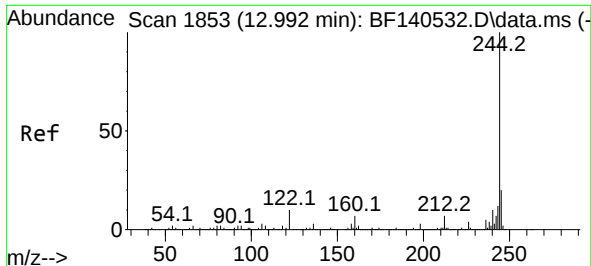
Tgt Ion:188 Resp: 213713
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.7 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140841.D
Acq: 13 Dec 2024 13:39

Tgt Ion:240 Resp: 108499
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.5 20.6 31.0

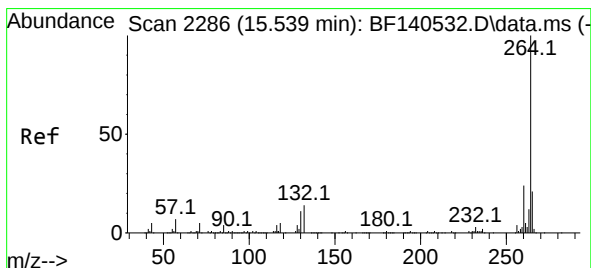
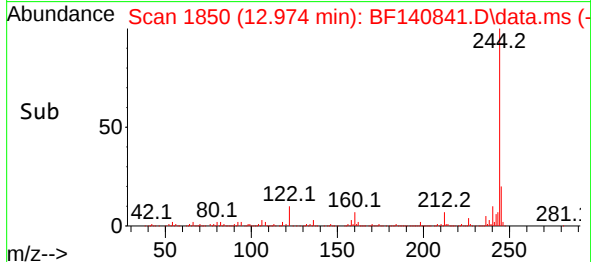
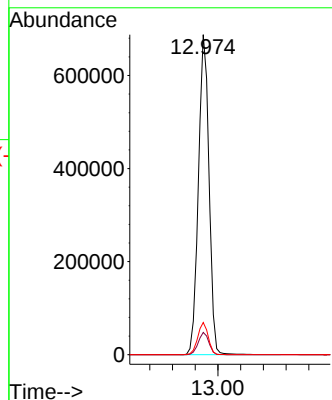
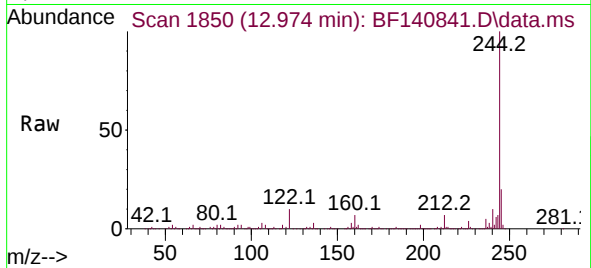




#79
 Terphenyl-d14
 Concen: 128.480 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF140841.D
 Acq: 13 Dec 2024 13:39

Instrument :
 BNA_F
 ClientSampleId :
 PB165590BL

Tgt Ion:244 Resp: 895236
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 10.1 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.556 min Scan# 2289
 Delta R.T. 0.018 min
 Lab File: BF140841.D
 Acq: 13 Dec 2024 13:39

Tgt Ion:264 Resp: 112137
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 19.9 16.6 25.0

