

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140810.D
 Acq On : 10 Dec 2024 17:08
 Operator : RC/JU
 Sample : P5216-04
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-G-6

Quant Time: Dec 11 00:33:17 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	90375	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	330971	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	172959	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	262163	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	145860	20.000	ng	0.00
86) Perylene-d12	15.545	264	87133	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	674104	127.266	ng	0.02
7) Phenol-d6	6.522	99	791203	112.988	ng	0.00
23) Nitrobenzene-d5	7.428	82	598705	92.528	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	230722	124.727	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1123265	96.763	ng	-0.02
79) Terphenyl-d14	12.980	244	801953	85.613	ng	-0.01

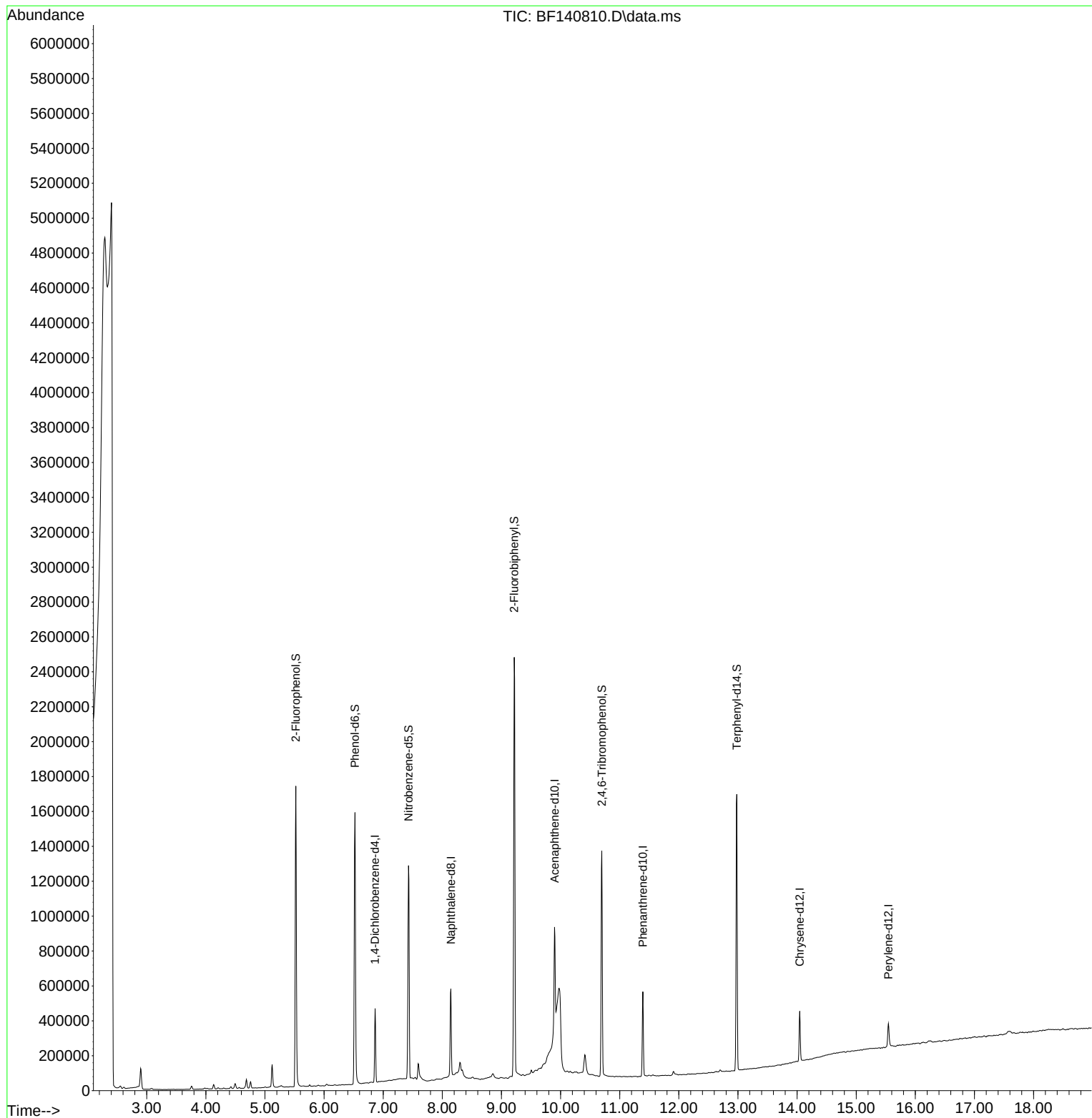
Target Compounds	Qvalue

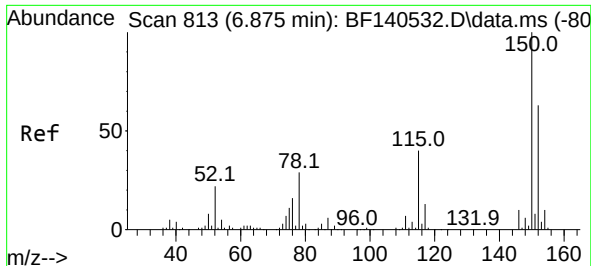
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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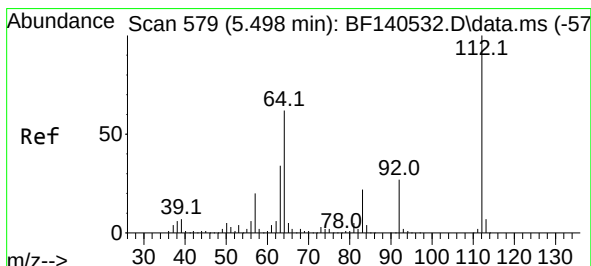
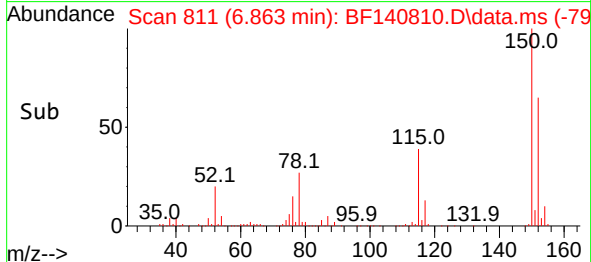
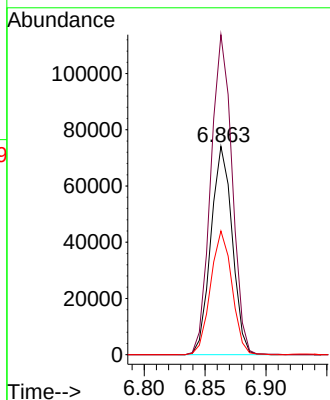
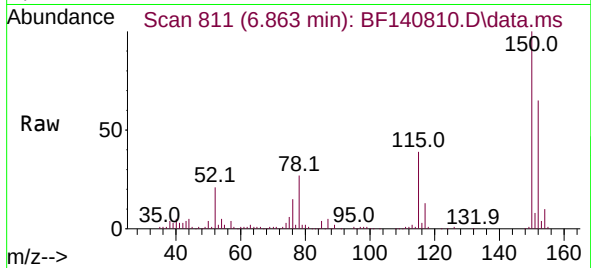




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

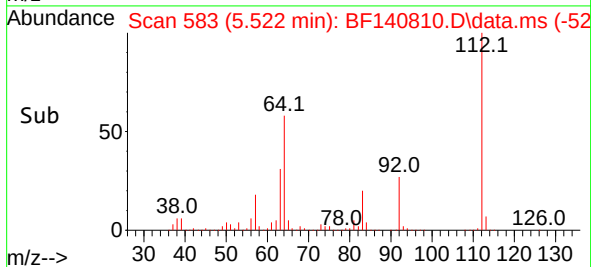
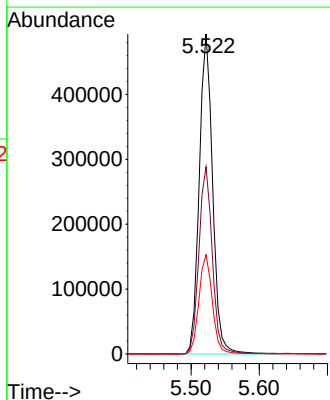
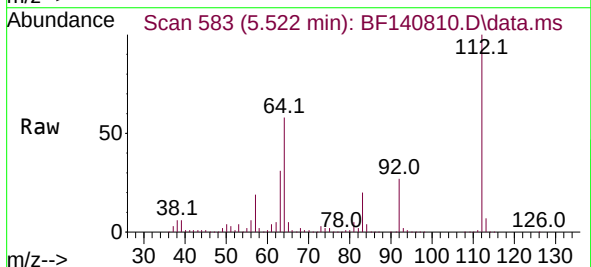
Instrument :
BNA_F
ClientSampleId :
BP-G-6

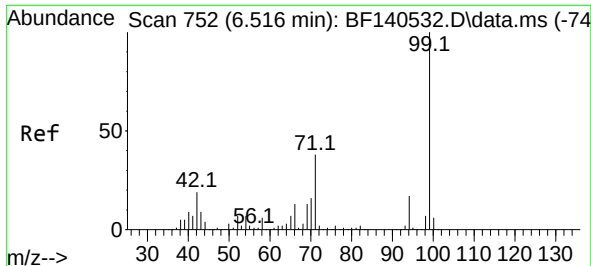
Tgt Ion:152 Resp: 90375
Ion Ratio Lower Upper
152 100
150 153.7 128.5 192.7
115 59.4 50.2 75.4



#5
2-Fluorophenol
Concen: 127.266 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.023 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Tgt Ion:112 Resp: 674104
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 31.0 27.0 40.4

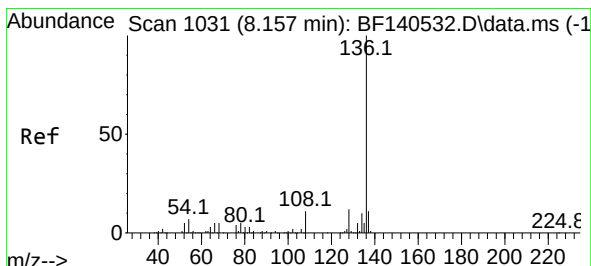
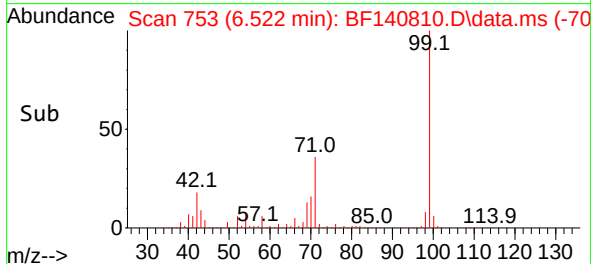
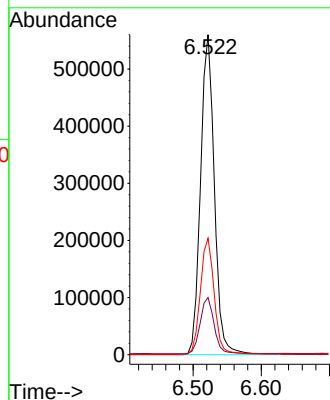
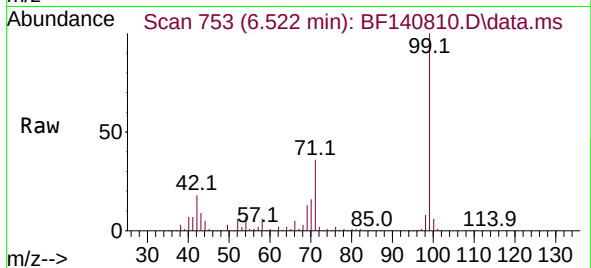




#7
Phenol-d6
Concen: 112.988 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

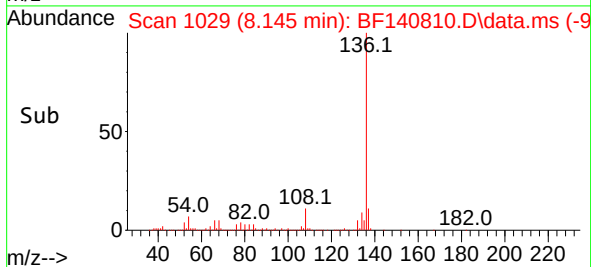
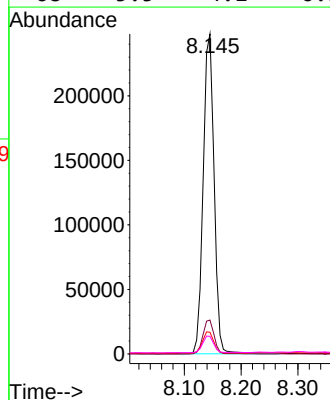
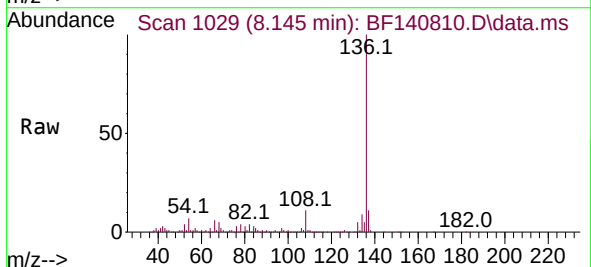
Instrument :
BNA_F
ClientSampleId :
BP-G-6

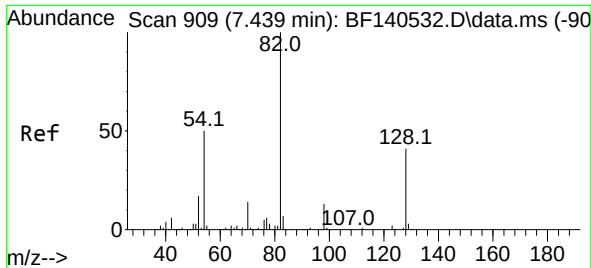
Tgt Ion: 99 Resp: 791203
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Tgt Ion: 136 Resp: 330971
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.8 5.8 8.8
68 5.5 4.1 6.1

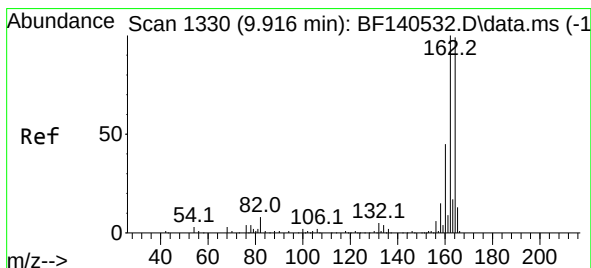
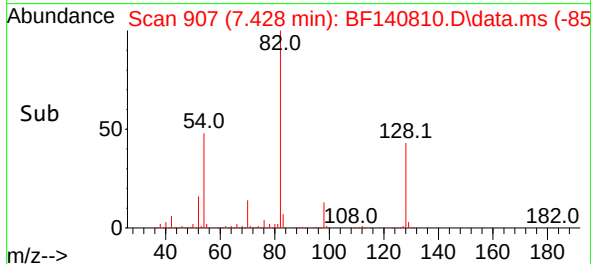
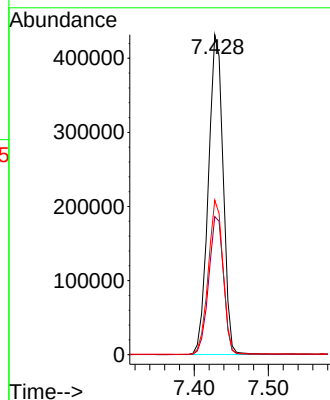
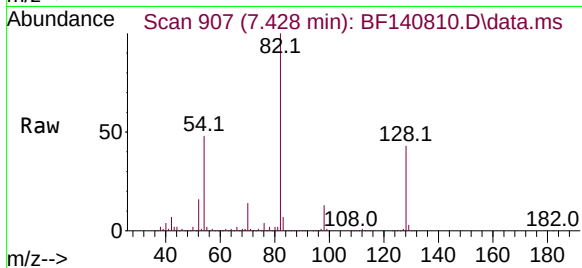




#23
Nitrobenzene-d5
Concen: 92.528 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

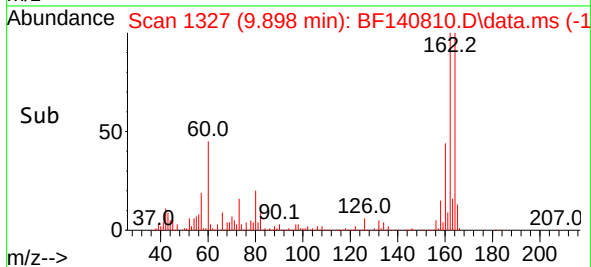
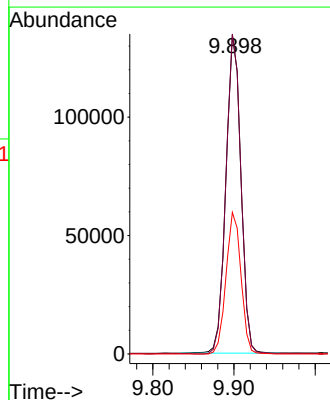
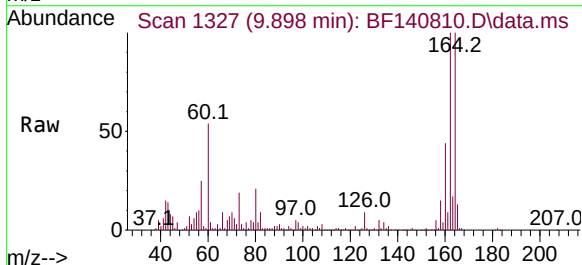
Instrument :
BNA_F
ClientSampleId :
BP-G-6

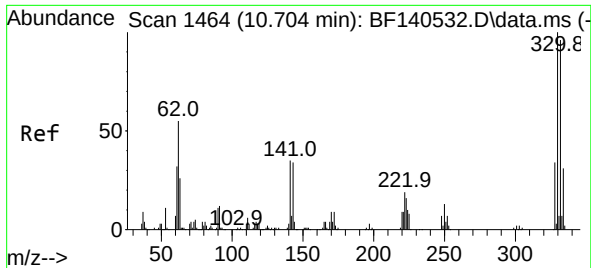
Tgt Ion: 82 Resp: 598705
Ion Ratio Lower Upper
82 100
128 43.2 33.0 49.4
54 48.3 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

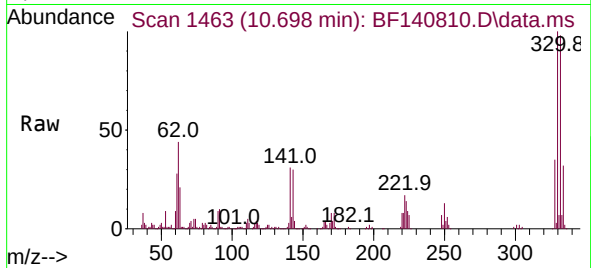
Tgt Ion:164 Resp: 172959
Ion Ratio Lower Upper
164 100
162 100.3 80.6 120.8
160 44.4 36.2 54.4



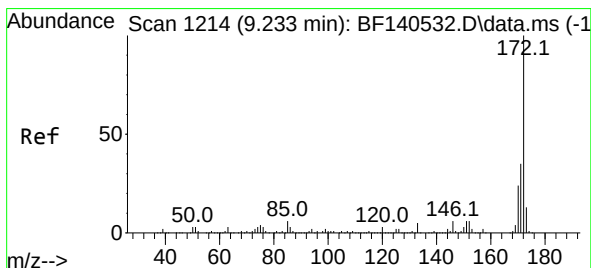
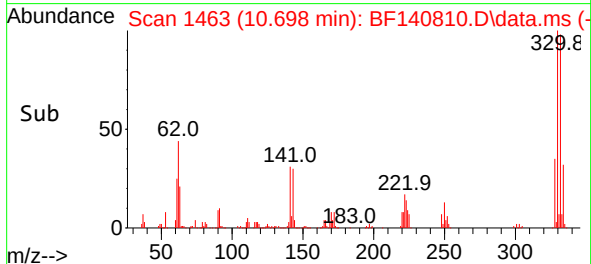
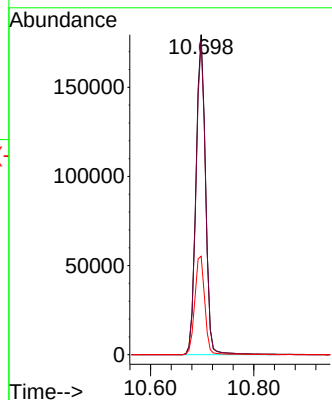


#42
2,4,6-Tribromophenol
Concen: 124.727 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Instrument :
BNA_F
ClientSampleId :
BP-G-6

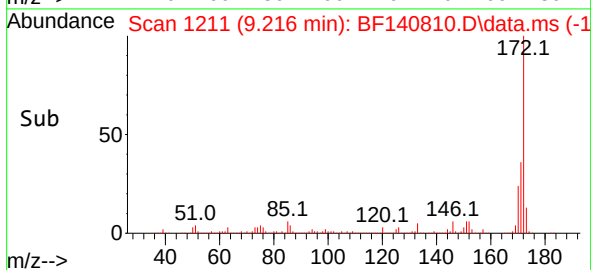
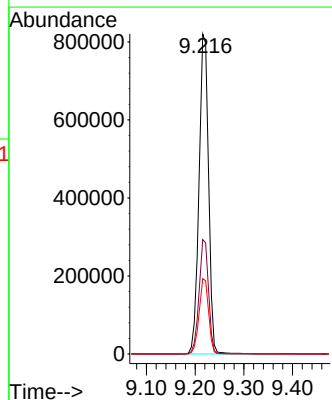
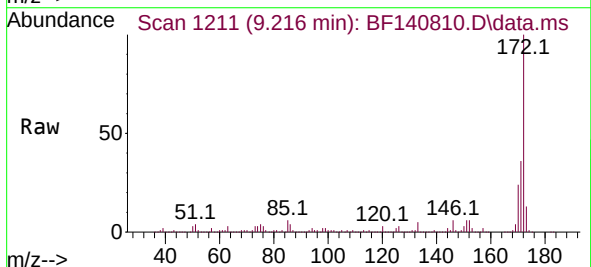


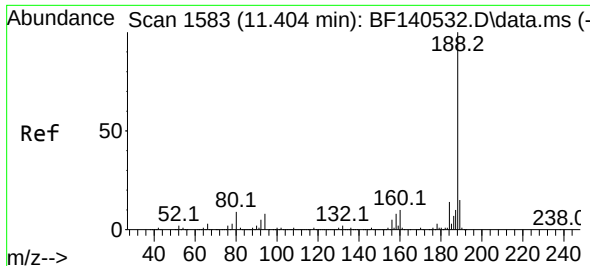
Tgt Ion:330 Resp: 230722
Ion Ratio Lower Upper
330 100
332 98.3 76.9 115.3
141 32.1 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 96.763 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Tgt Ion:172 Resp: 1123265
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.5 19.0 28.6

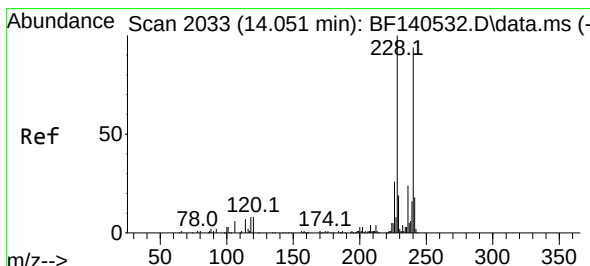
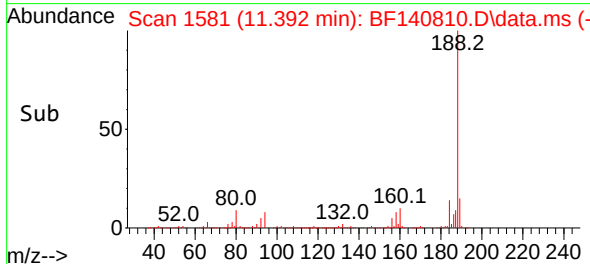
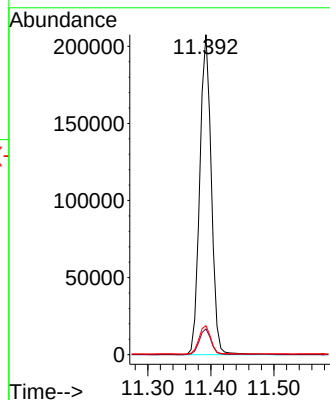
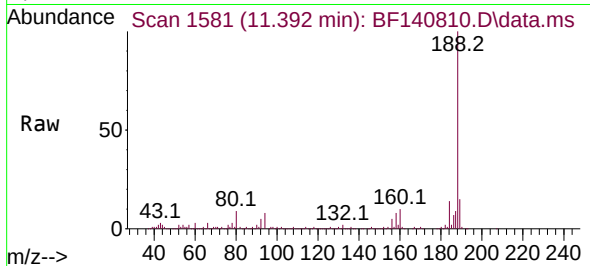




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

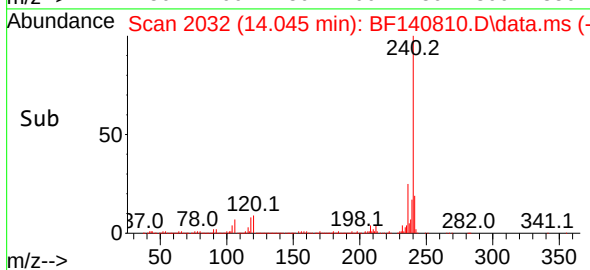
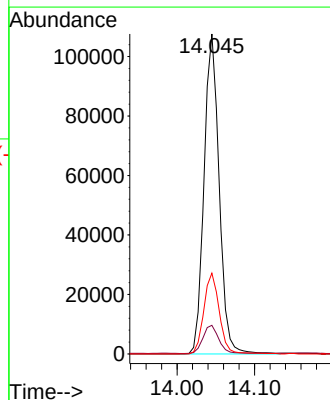
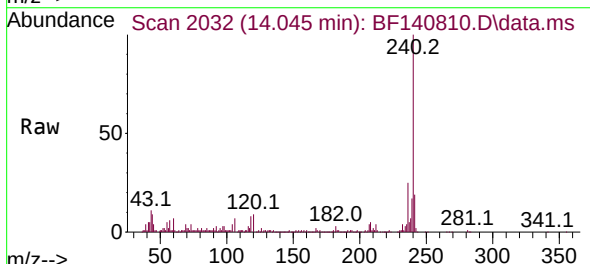
Instrument :
BNA_F
ClientSampleId :
BP-G-6

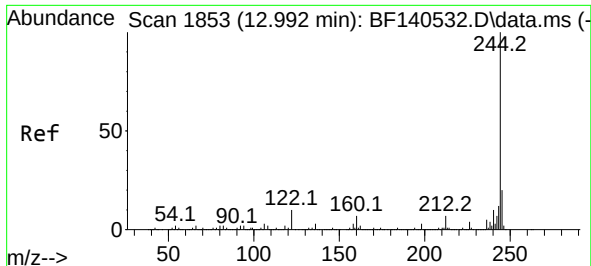
Tgt Ion:188 Resp: 262163
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140810.D
Acq: 10 Dec 2024 17:08

Tgt Ion:240 Resp: 145860
Ion Ratio Lower Upper
240 100
120 9.0 7.3 10.9
236 25.3 20.6 31.0

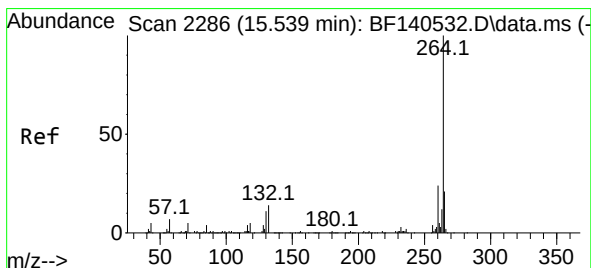
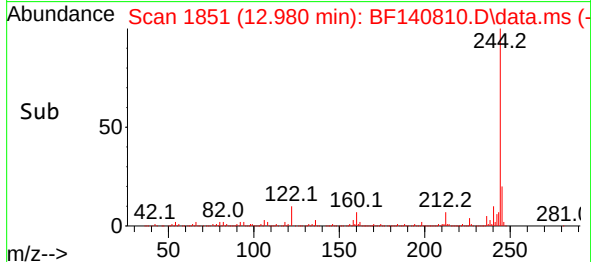
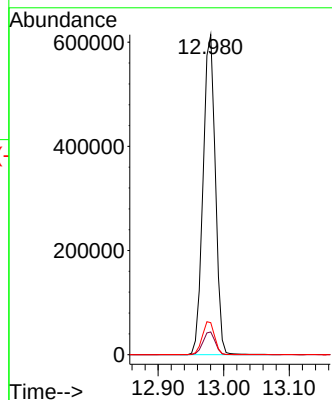
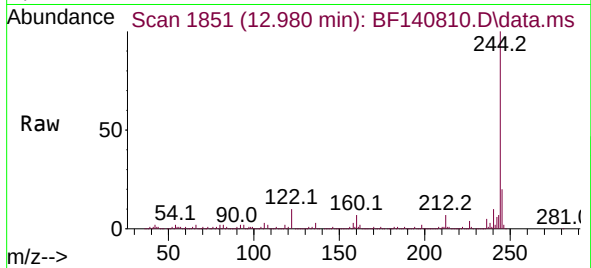




#79
 Terphenyl-d14
 Concen: 85.613 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140810.D
 Acq: 10 Dec 2024 17:08

Instrument :
 BNA_F
 ClientSampleId :
 BP-G-6

Tgt Ion:244 Resp: 801953
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.0 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: BF140810.D
 Acq: 10 Dec 2024 17:08

Tgt Ion:264 Resp: 87133
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.0 28.6
 265 22.3 16.6 25.0

