

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140268.D
 Acq On : 07 Nov 2024 12:14
 Operator : RC/JU
 Sample : P4701-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-F4

Quant Time: Nov 07 13:01:45 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

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

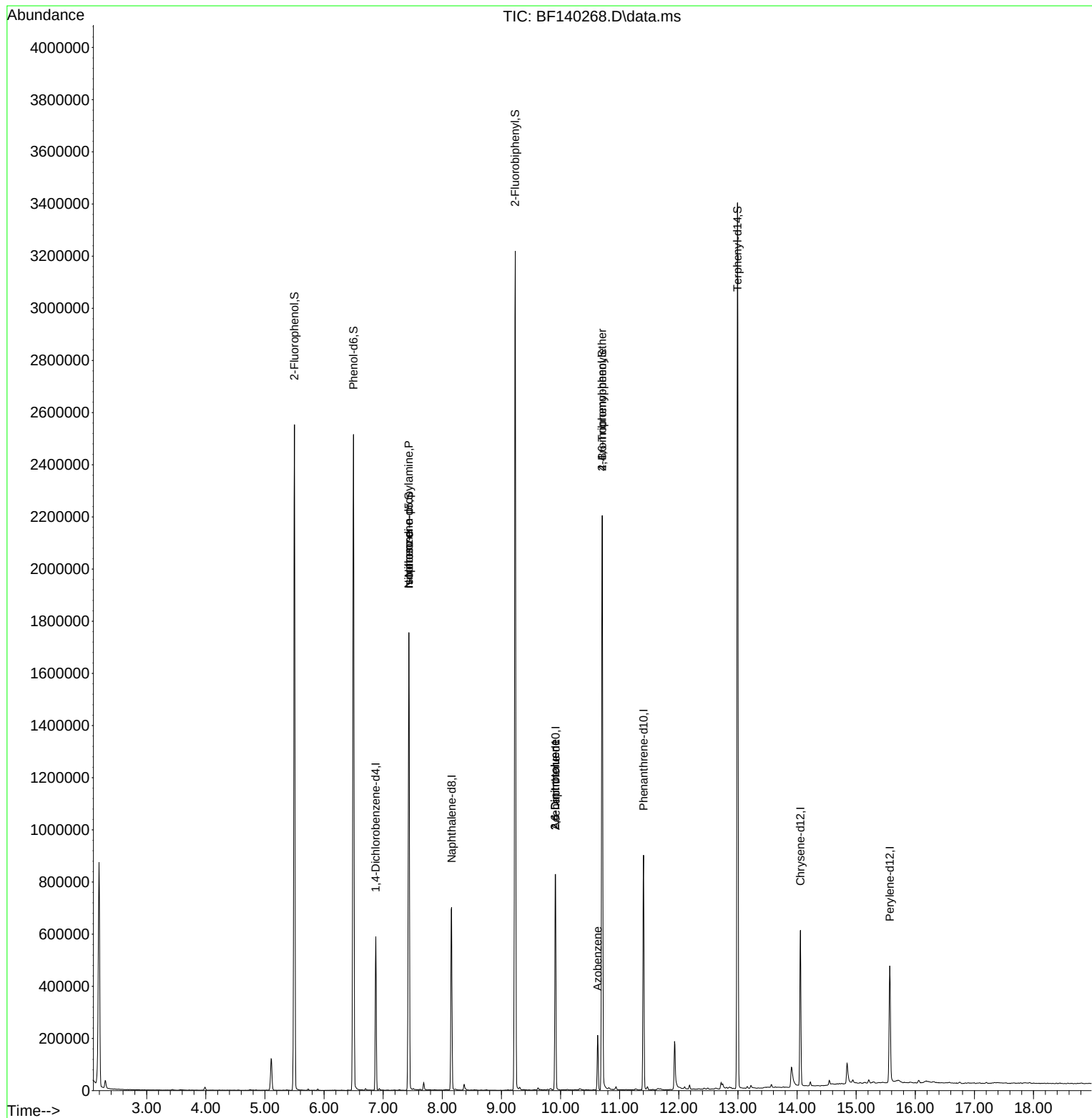
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	115763	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	448729	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	266935	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	479538	20.000	ng	0.00
76) Chrysene-d12	14.057	240	288827	20.000	ng	0.00
86) Perylene-d12	15.568	264	275022	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	936359	134.045	ng	0.00
7) Phenol-d6	6.498	99	1208091	134.457	ng	0.00
23) Nitrobenzene-d5	7.434	82	806902	89.403	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	378668	143.516	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1478655	88.453	ng	0.00
79) Terphenyl-d14	12.992	244	1699229	96.375	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	111040	19.372	ng	# 75
25) Isophorone	7.434	82	791918	50.958	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	33693	8.719	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	33693	6.719	ng	# 19
63) Azobenzene	10.628	77	53355	3.151	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	25179	4.876	ng	# 1

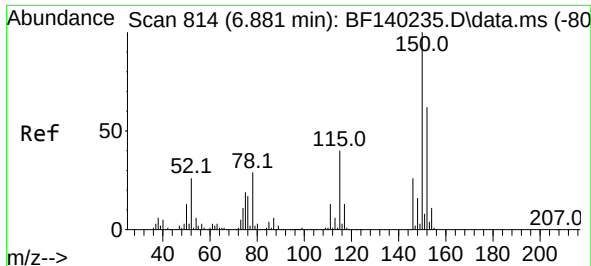
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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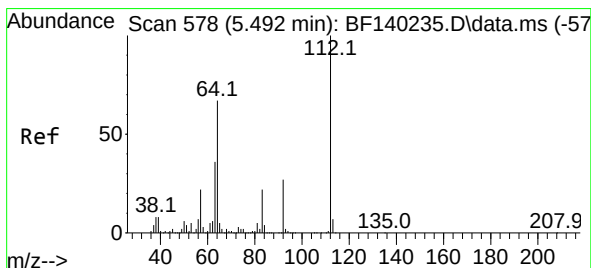
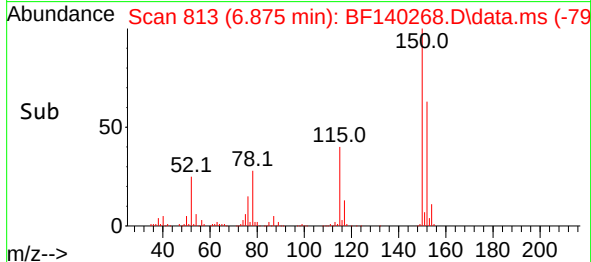
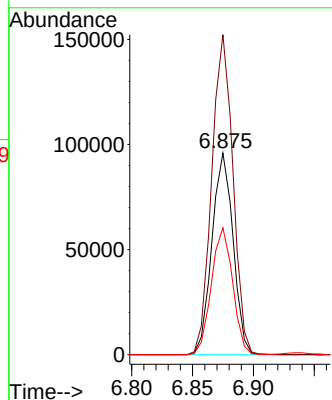
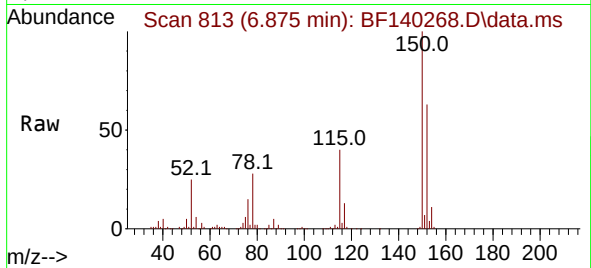




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

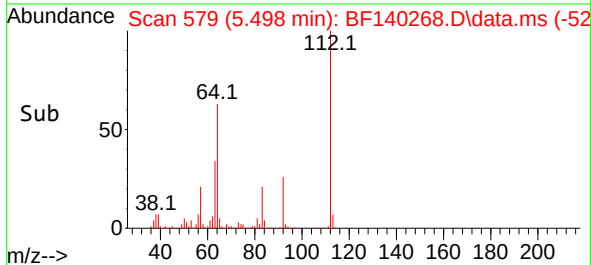
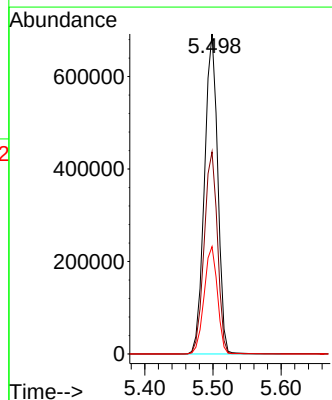
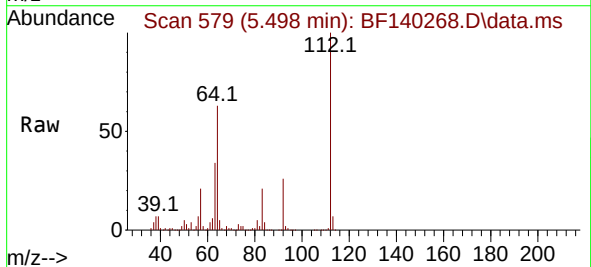
Instrument :
BNA_F
ClientSampleId :
BP-F4

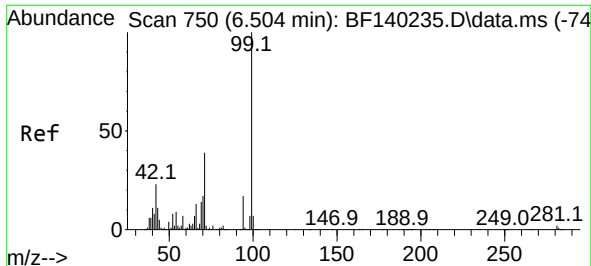
Tgt Ion:152 Resp: 115763
Ion Ratio Lower Upper
152 100
150 158.7 129.4 194.2
115 62.9 51.5 77.3



#5
2-Fluorophenol
Concen: 134.045 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Tgt Ion:112 Resp: 936359
Ion Ratio Lower Upper
112 100
64 63.1 53.4 80.2
63 33.5 28.9 43.3

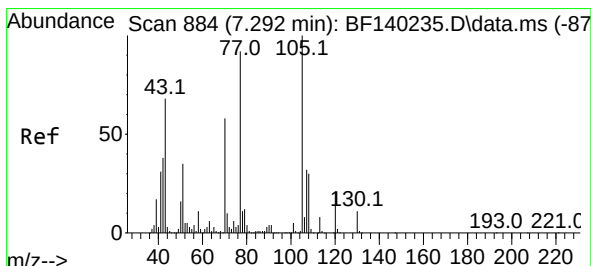
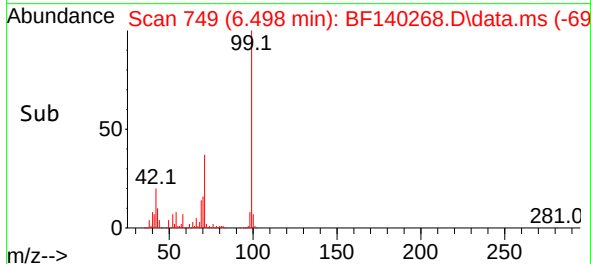
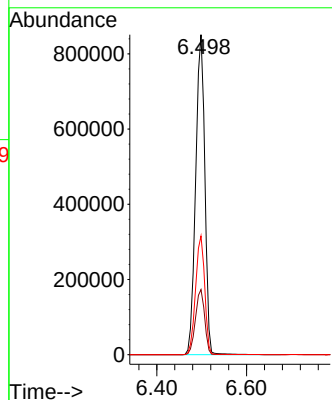
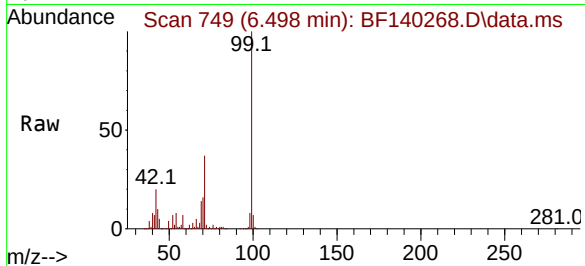




#7
Phenol-d6
Concen: 134.457 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

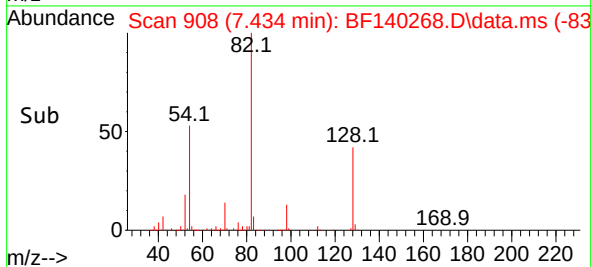
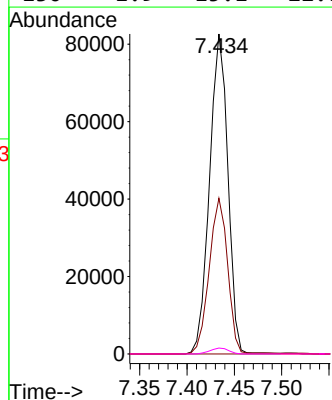
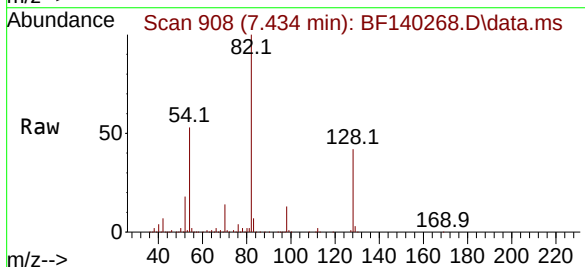
Instrument :
BNA_F
ClientSampleId :
BP-F4

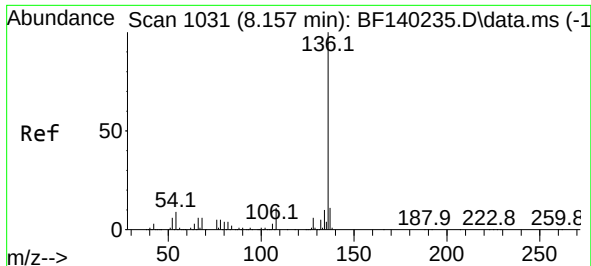
Tgt Ion: 99 Resp: 1208091
Ion Ratio Lower Upper
99 100
42 20.4 18.2 27.2
71 37.1 30.9 46.3



#19
n-Nitroso-di-n-propylamine
Concen: 19.372 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Tgt Ion: 70 Resp: 111040
Ion Ratio Lower Upper
70 100
42 48.7 52.8 79.2#
101 0.0 7.4 11.2#
130 1.9 15.1 22.7#



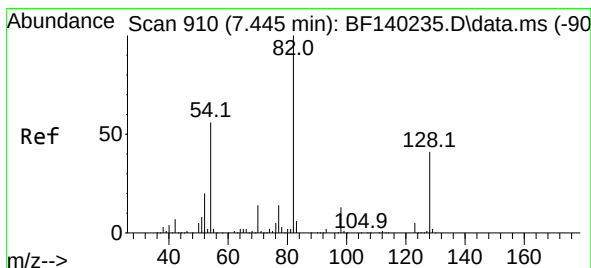
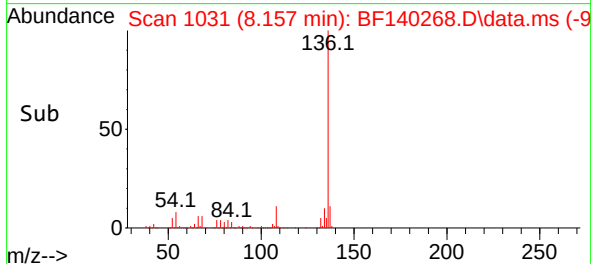
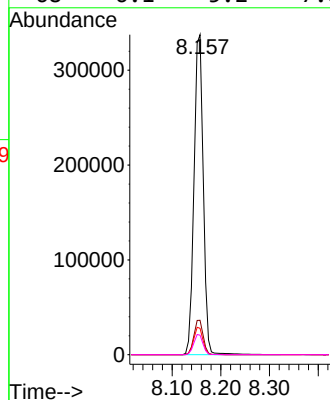
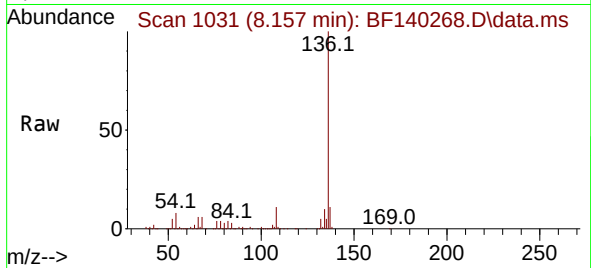


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Instrument :
BNA_F
ClientSampleId :
BP-F4

Tgt Ion:136 Resp: 448729

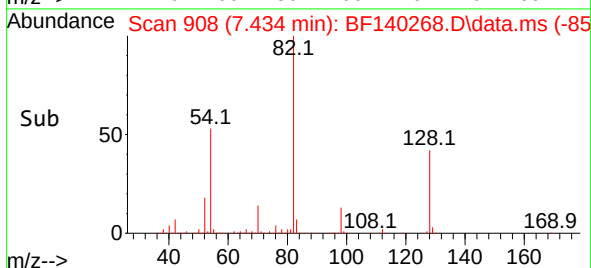
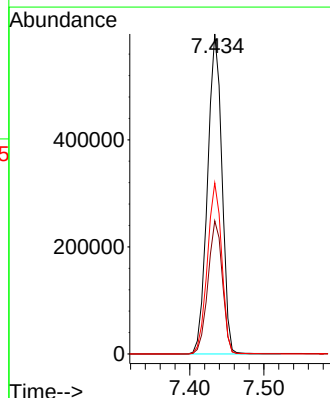
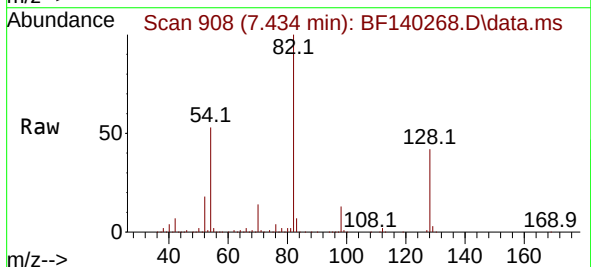
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.3	7.7	11.5
68	6.1	5.2	7.8

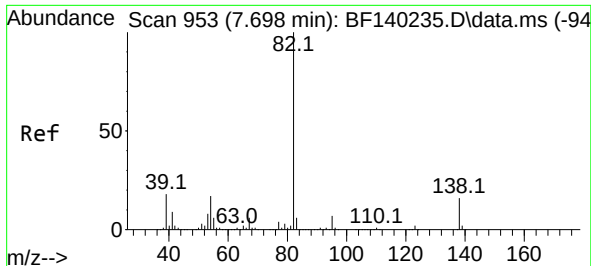


#23
Nitrobenzene-d5
Concen: 89.403 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Tgt Ion: 82 Resp: 806902

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.8	49.2
54	53.4	44.3	66.5

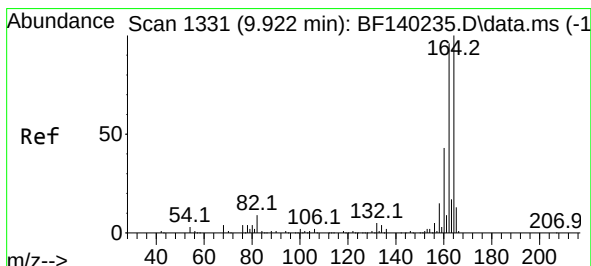
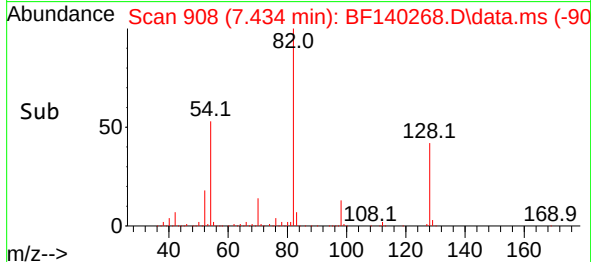
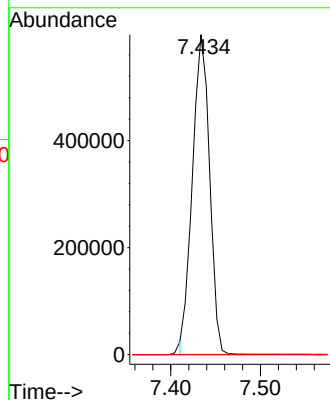
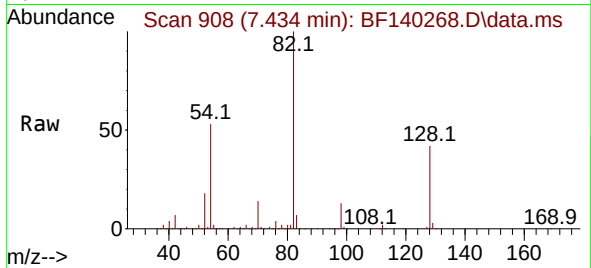




#25
Isophorone
Concen: 50.958 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

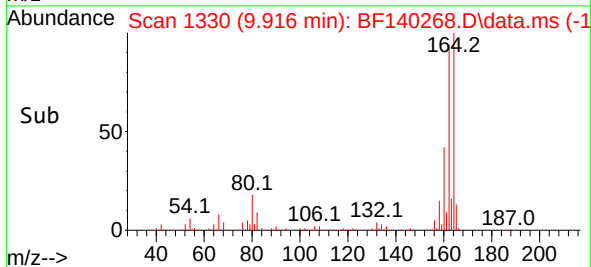
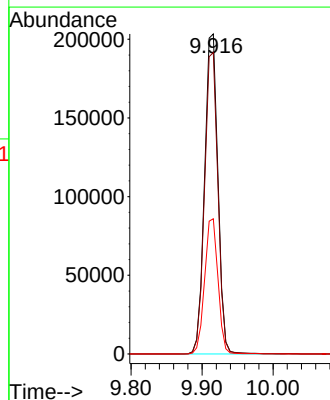
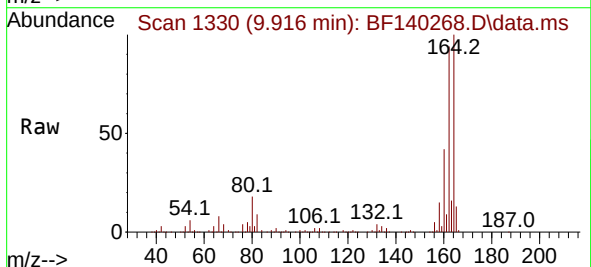
Instrument :
BNA_F
ClientSampleId :
BP-F4

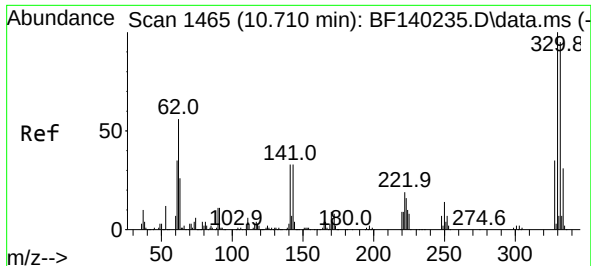
Tgt Ion: 82 Resp: 791918
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Tgt Ion: 164 Resp: 266935
Ion Ratio Lower Upper
164 100
162 94.2 77.0 115.4
160 42.3 34.1 51.1

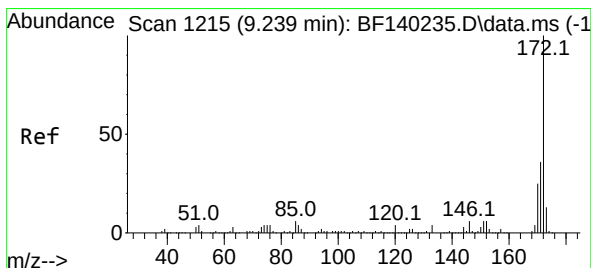
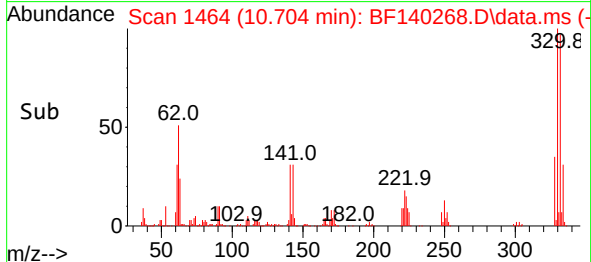
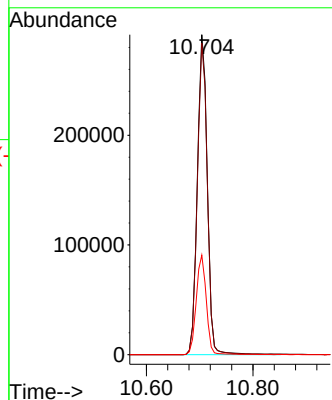
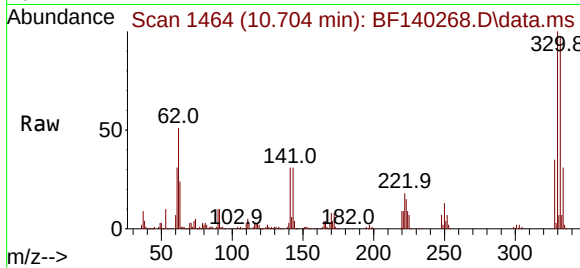




#42
2,4,6-Tribromophenol
Concen: 143.516 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

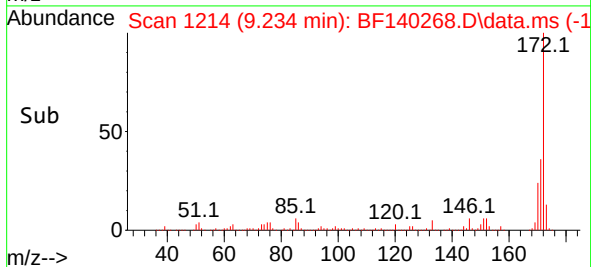
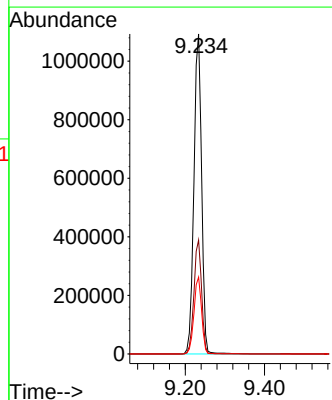
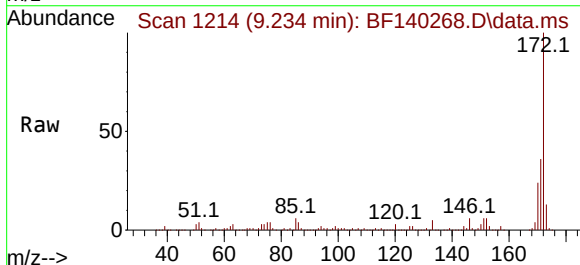
Instrument :
BNA_F
ClientSampleId :
BP-F4

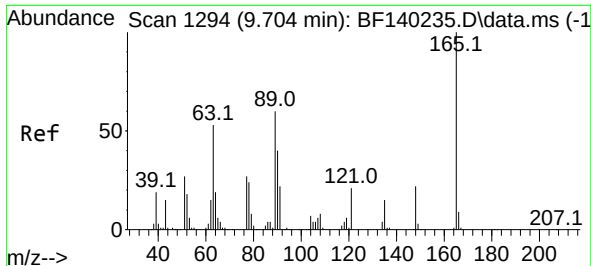
Tgt Ion:330 Resp: 378668
Ion Ratio Lower Upper
330 100
332 97.5 76.4 114.6
141 31.5 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 88.453 ng
RT: 9.234 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Tgt Ion:172 Resp: 1478655
Ion Ratio Lower Upper
172 100
171 35.6 28.8 43.2
170 24.0 19.6 29.4

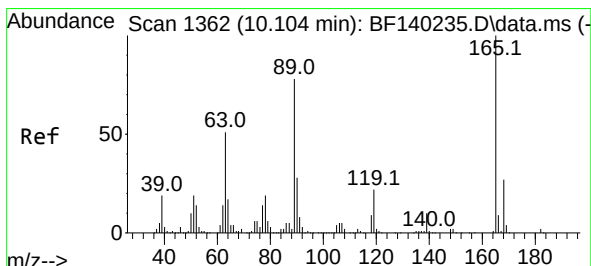
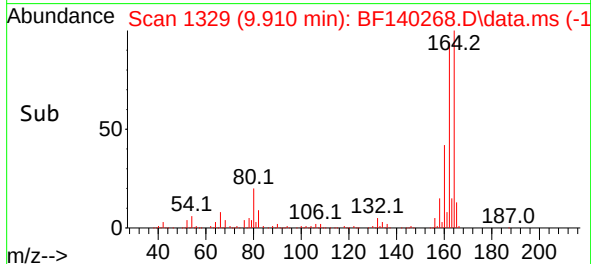
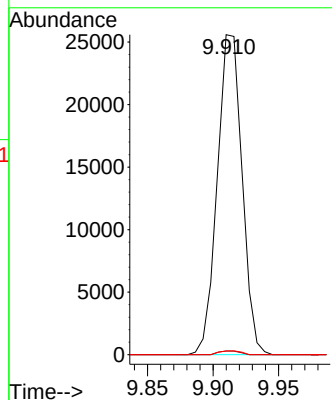
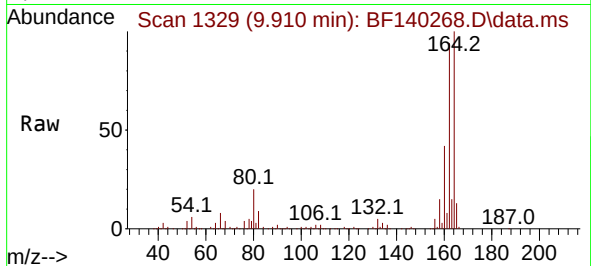




#51
2,6-Dinitrotoluene
Concen: 8.719 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

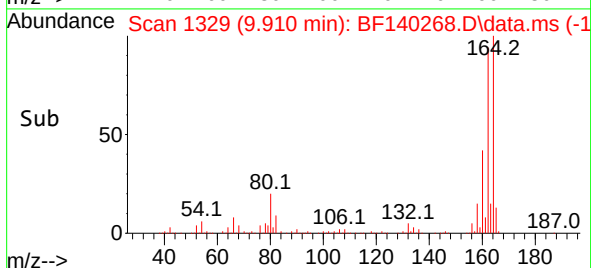
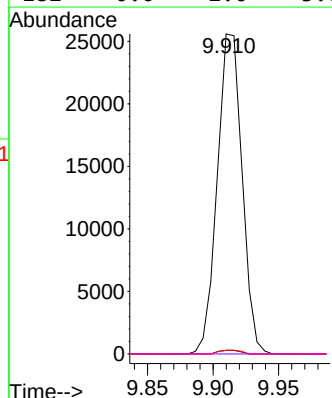
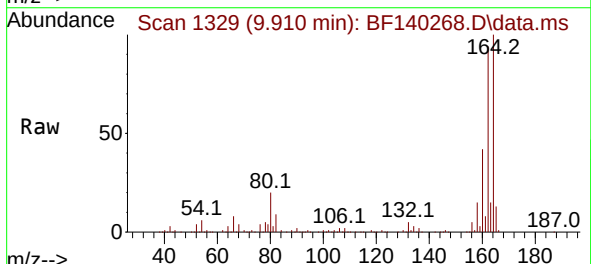
Instrument :
BNA_F
ClientSampleId :
BP-F4

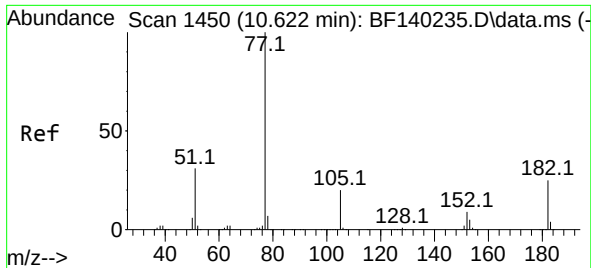
Tgt Ion:165 Resp: 33693
Ion Ratio Lower Upper
165 100
63 1.2 48.8 73.2#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 6.719 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Tgt Ion:165 Resp: 33693
Ion Ratio Lower Upper
165 100
63 1.2 41.3 61.9#
89 1.1 62.6 94.0#
182 0.0 2.0 3.0#

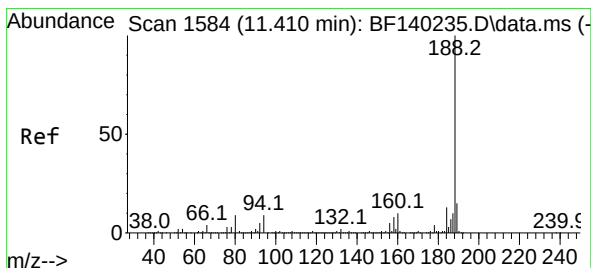
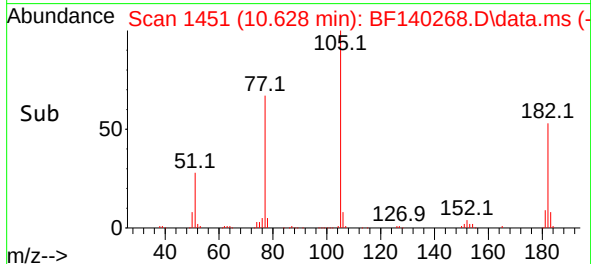
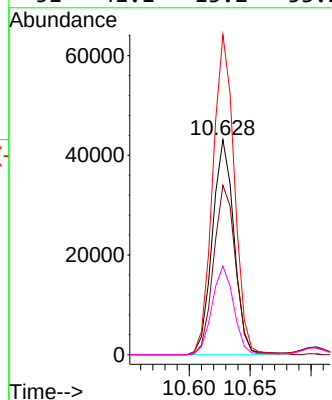
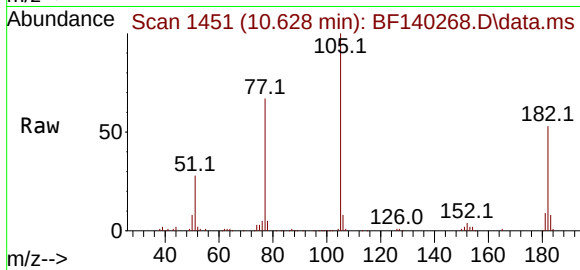




#63
Azobenzene
Concen: 3.151 ng
RT: 10.628 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

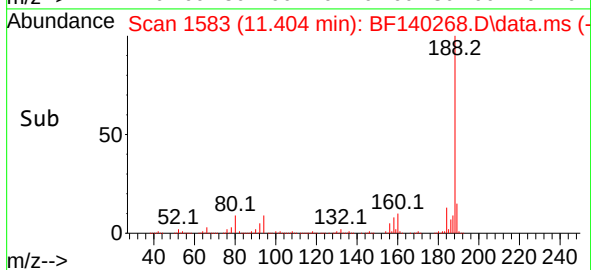
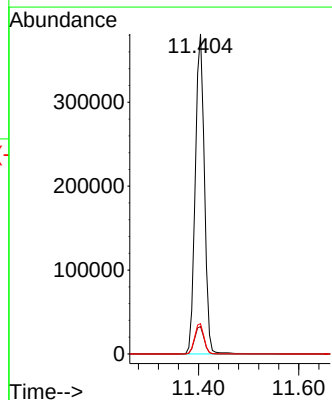
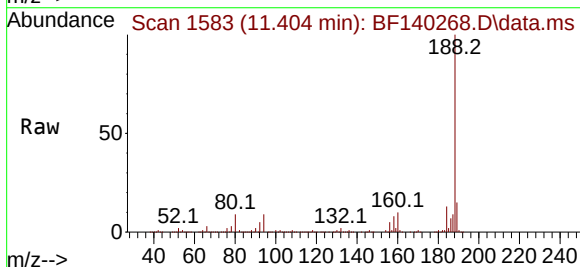
Instrument :
BNA_F
ClientSampleId :
BP-F4

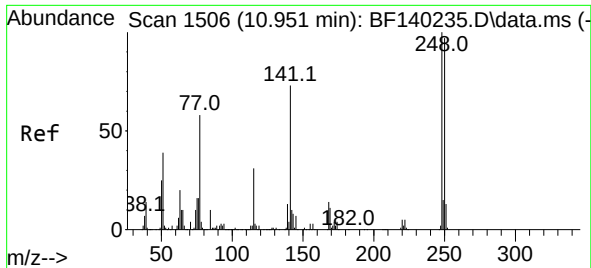
Tgt Ion: 77 Resp: 53355
Ion Ratio Lower Upper
77 100
182 78.8 4.7 44.7#
105 148.8 0.0 40.0#
51 41.1 13.2 53.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Tgt Ion: 188 Resp: 479538
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.4 7.5 11.3

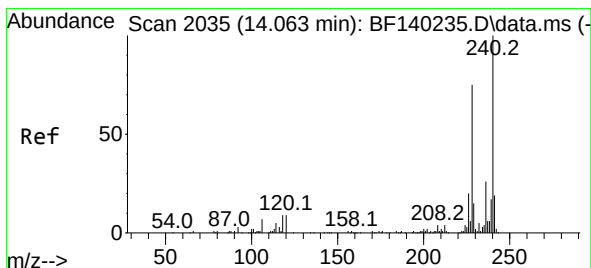
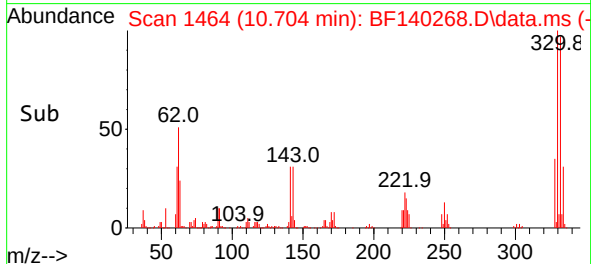
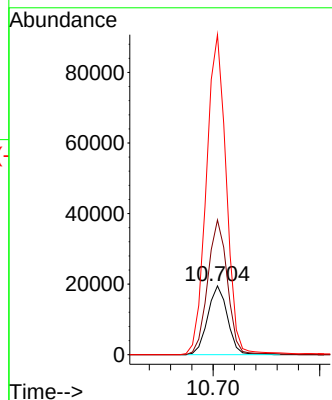
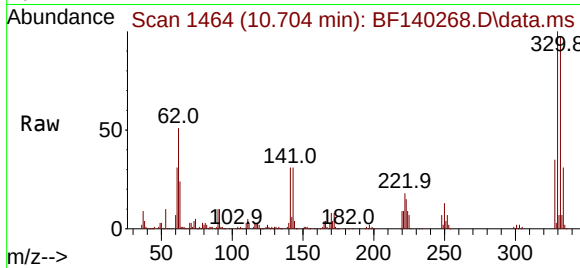




#67
4-Bromophenyl-phenylether
Concen: 4.876 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

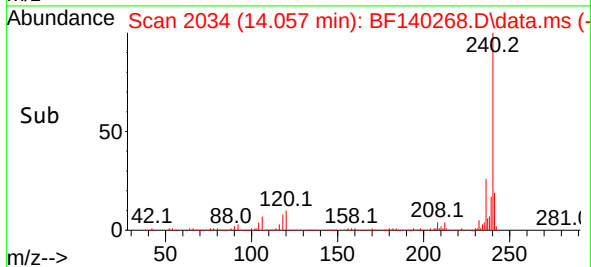
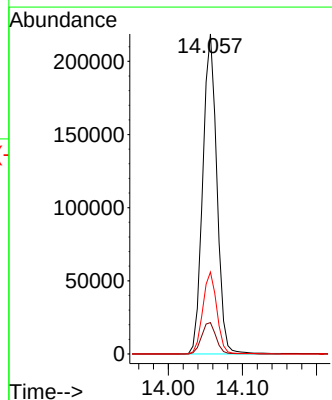
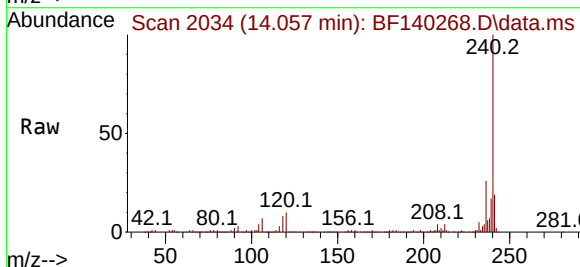
Instrument :
BNA_F
ClientSampleId :
BP-F4

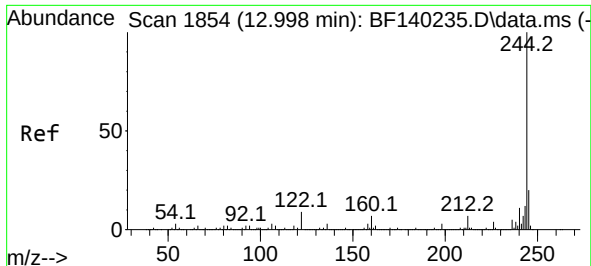
Tgt Ion:248 Resp: 25179
Ion Ratio Lower Upper
248 100
250 195.8 77.9 116.9#
141 465.2 58.6 88.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

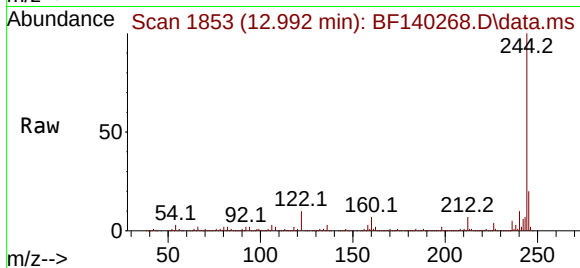
Tgt Ion:240 Resp: 288827
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 25.6 20.9 31.3



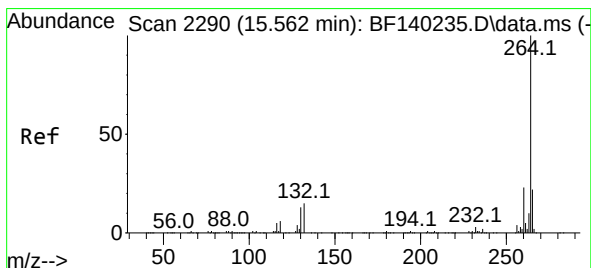
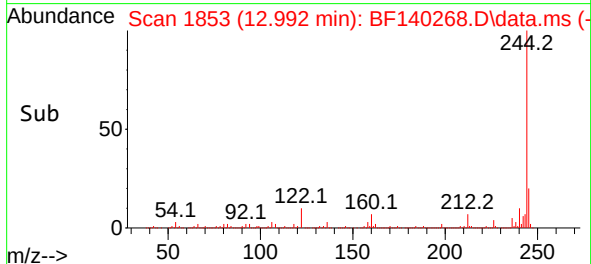
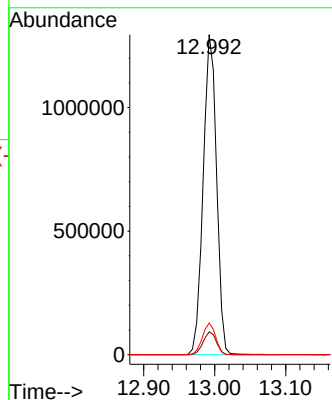


#79
Terphenyl-d14
Concen: 96.375 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Instrument :
BNA_F
ClientSampleId :
BP-F4



Tgt Ion:244 Resp: 1699229
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 9.9 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.006 min
Lab File: BF140268.D
Acq: 07 Nov 2024 12:14

Tgt Ion:264 Resp: 275022
Ion Ratio Lower Upper
264 100
260 23.9 18.8 28.2
265 21.6 17.3 25.9

