

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140646.D
 Acq On : 26 Nov 2024 17:07
 Operator : RC/JU
 Sample : P4938-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732

Quant Time: Nov 27 00:07:08 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)

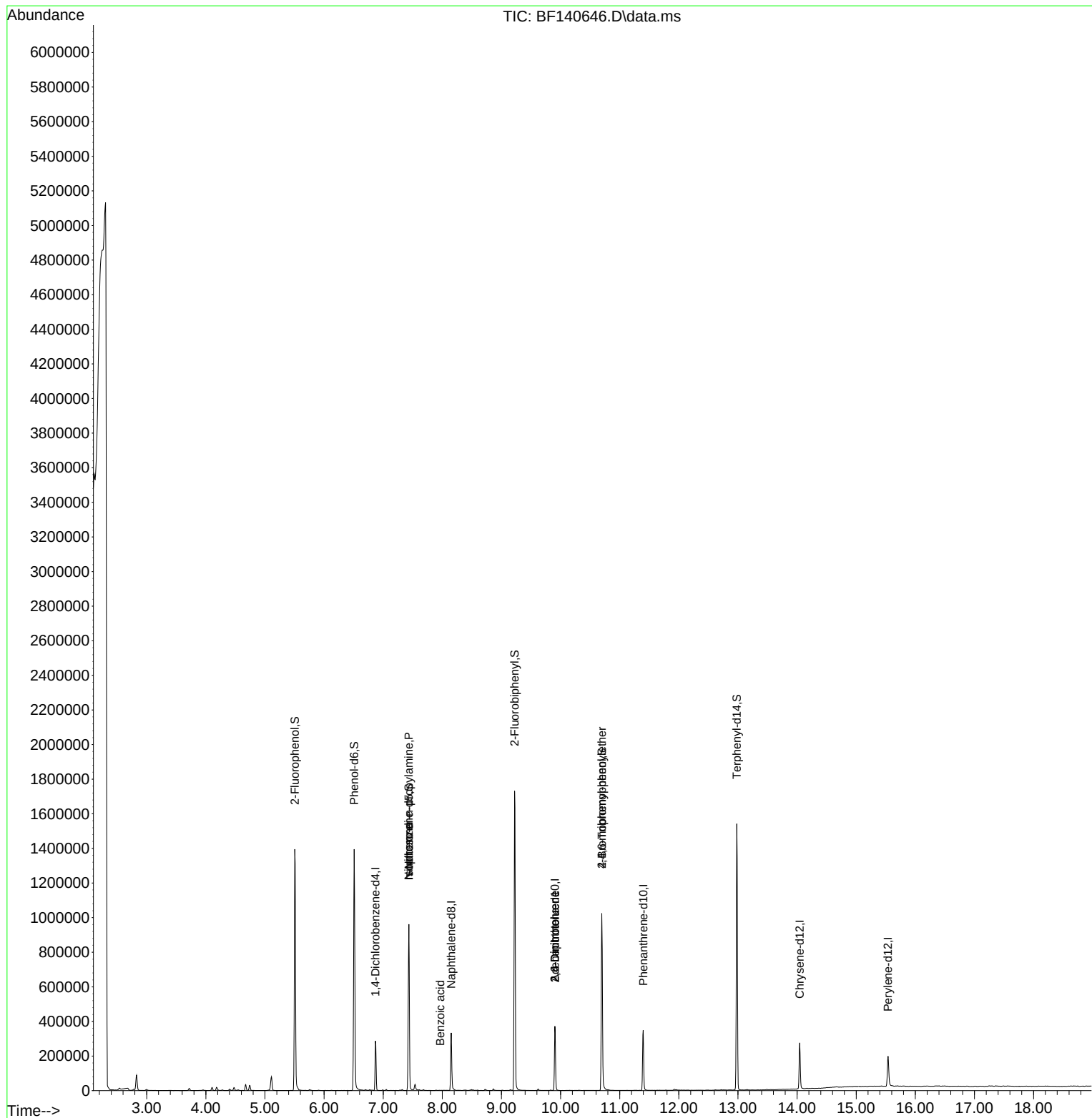
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	61951	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	224280	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	115420	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	199114	20.000	ng	0.00
76) Chrysene-d12	14.045	240	136344	20.000	ng	0.00
86) Perylene-d12	15.539	264	115827	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	539799	148.667	ng	0.00
7) Phenol-d6	6.510	99	677882	141.221	ng	0.00
23) Nitrobenzene-d5	7.434	82	433323	98.826	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	183794	148.890	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	795445	102.683	ng	-0.01
79) Terphenyl-d14	12.980	244	756993	86.453	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	57937	20.423	ng	# 76
25) Isophorone	7.434	82	430157	58.818	ng	# 66
32) Benzoic acid	7.963	122	704	7.478	ng	# 51
51) 2,6-Dinitrotoluene	9.904	165	14858	8.618	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	14858	6.485	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	11826	5.767	ng	# 1

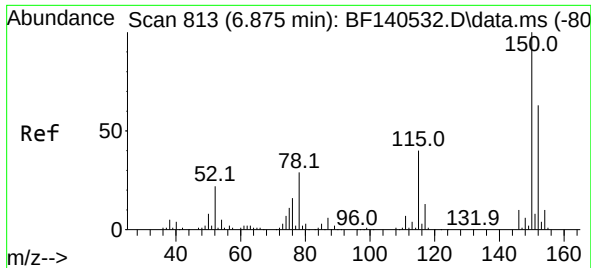
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

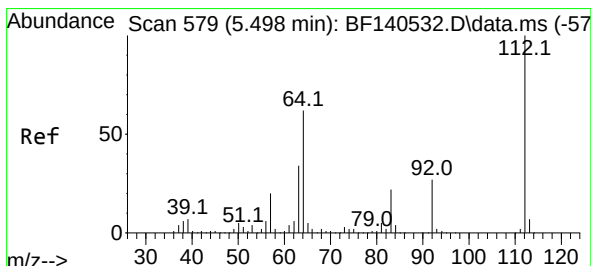
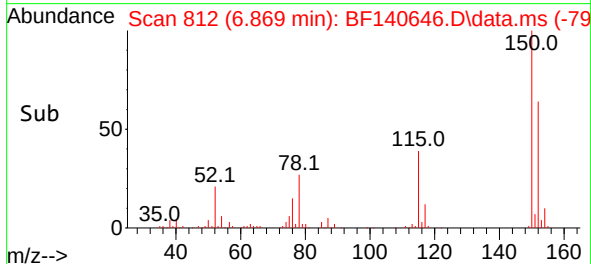
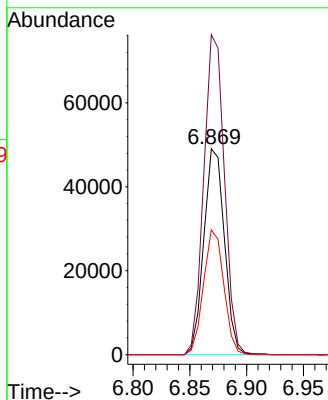
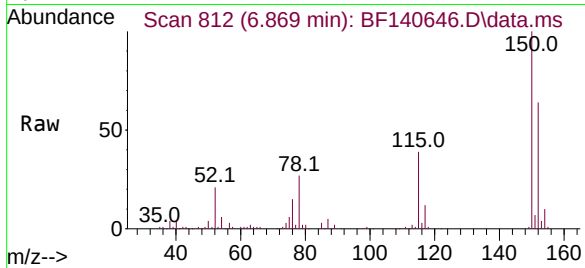




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

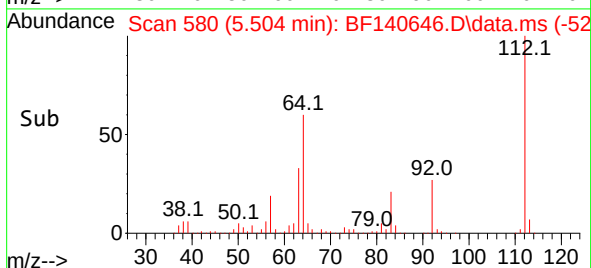
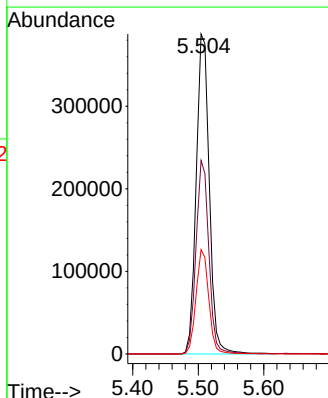
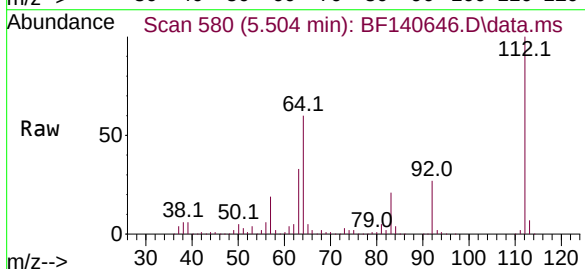
Instrument :
BNA_F
ClientSampleId :
MH-732

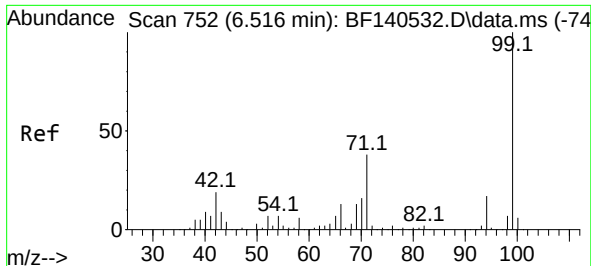
Tgt Ion:152 Resp: 61951
Ion Ratio Lower Upper
152 100
150 155.4 128.5 192.7
115 60.6 50.2 75.4



#5
2-Fluorophenol
Concen: 148.667 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

Tgt Ion:112 Resp: 539799
Ion Ratio Lower Upper
112 100
64 60.4 49.2 73.8
63 32.6 27.0 40.4

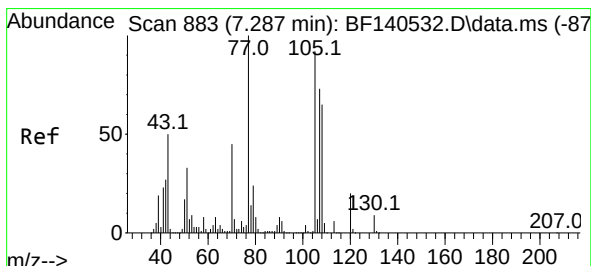
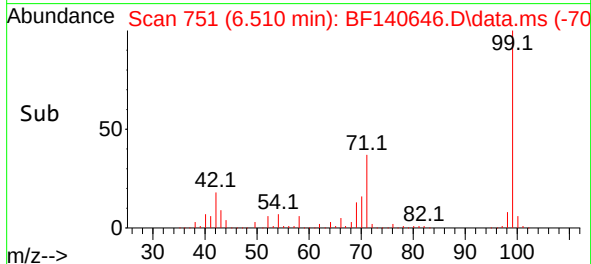
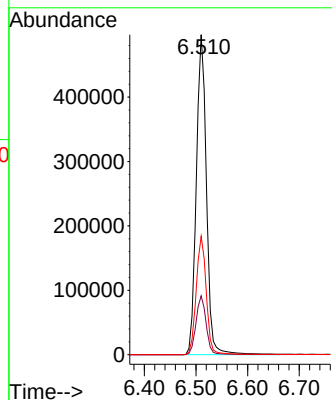
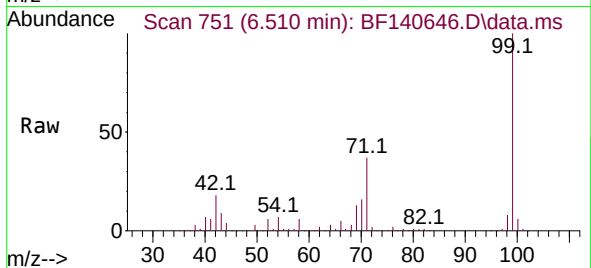




#7
Phenol-d6
Concen: 141.221 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

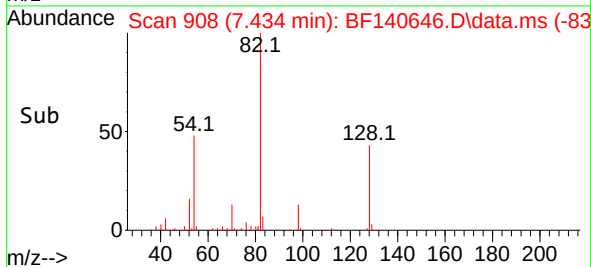
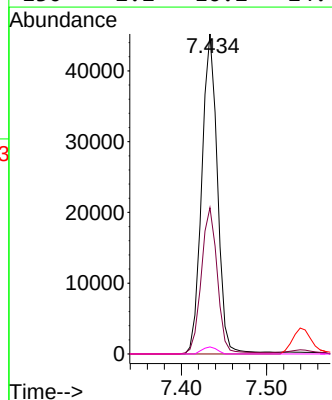
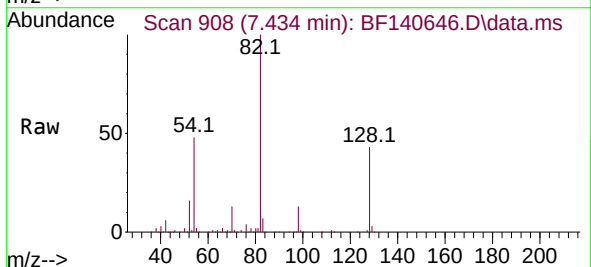
Instrument :
BNA_F
ClientSampleId :
MH-732

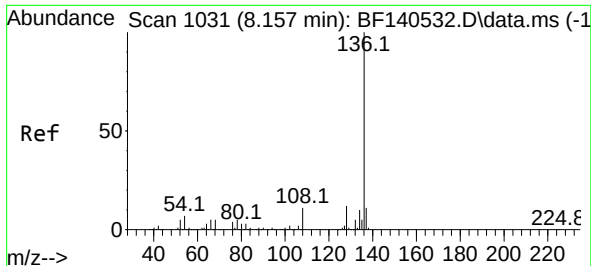
Tgt Ion: 99 Resp: 677882
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.0 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.423 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

Tgt Ion: 70 Resp: 57937
Ion Ratio Lower Upper
70 100
42 45.7 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 16.2 24.4#



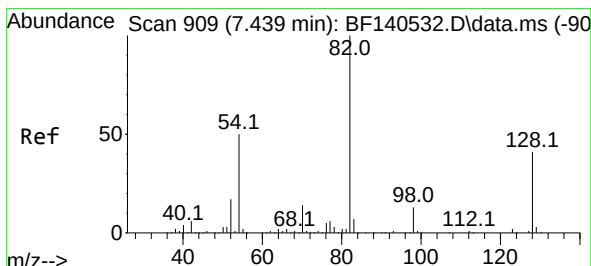
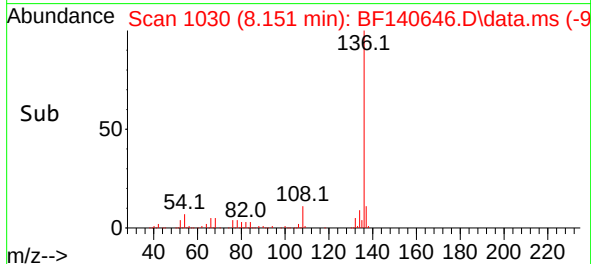
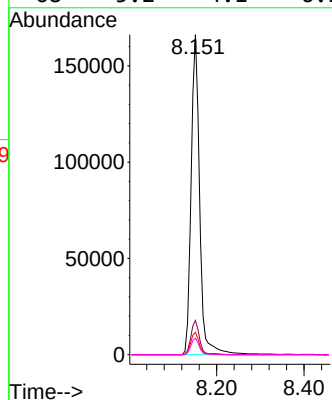
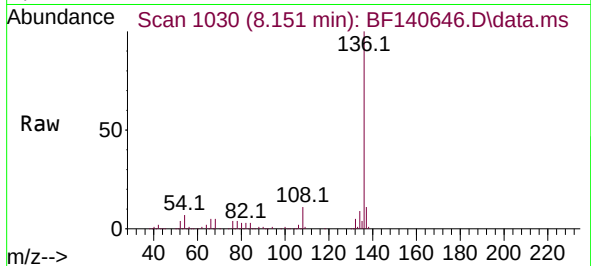


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

Instrument :
BNA_F
ClientSampleId :
MH-732

Tgt Ion:136 Resp: 224280

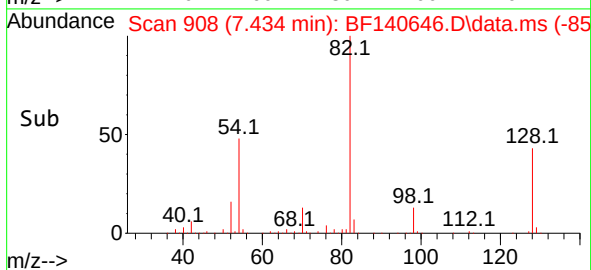
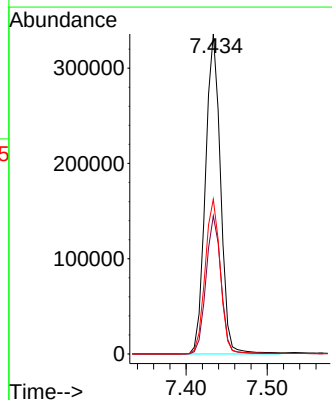
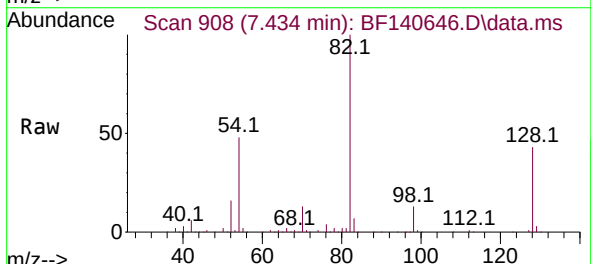
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	7.0	5.8	8.8
68	5.2	4.1	6.1

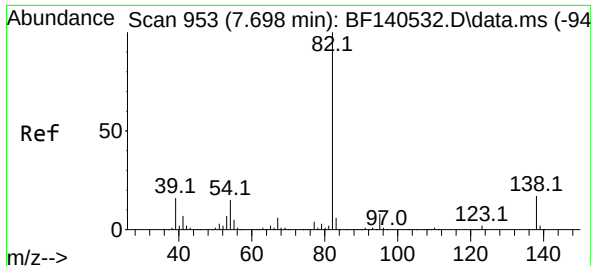


#23
Nitrobenzene-d5
Concen: 98.826 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

Tgt Ion: 82 Resp: 433323

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.0	49.4
54	48.4	39.5	59.3

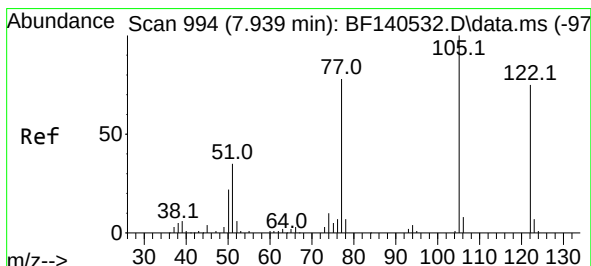
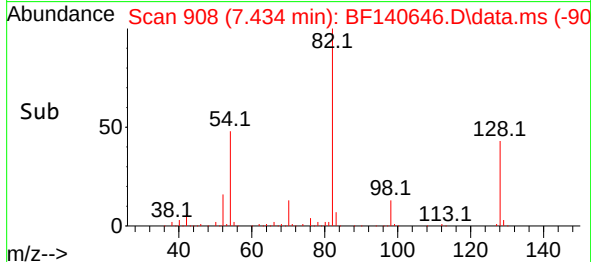
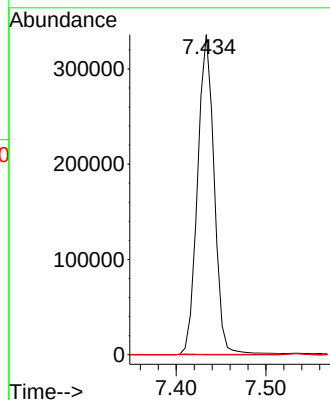
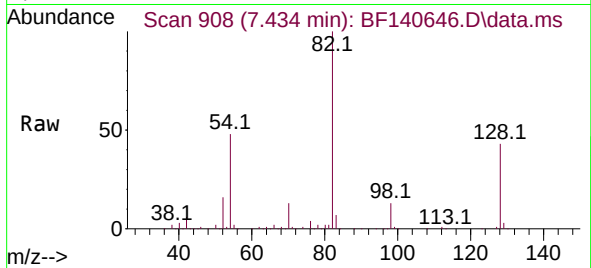




#25
Isophorone
Concen: 58.818 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

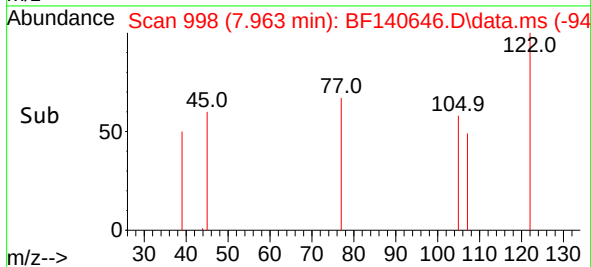
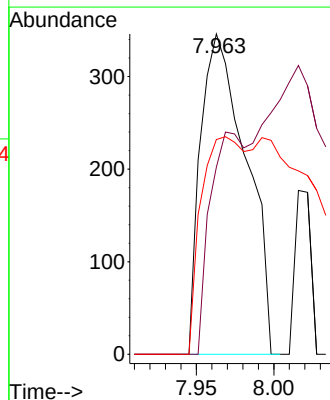
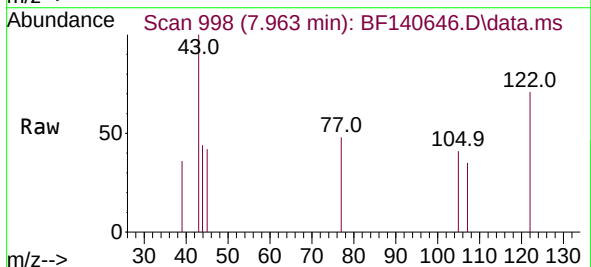
Instrument :
BNA_F
ClientSampleId :
MH-732

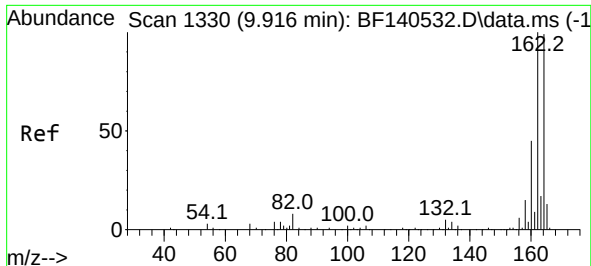
Tgt Ion: 82 Resp: 430157
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.478 ng
RT: 7.963 min Scan# 998
Delta R.T. 0.024 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

Tgt Ion: 122 Resp: 704
Ion Ratio Lower Upper
122 100
105 58.4 109.3 149.3#
77 67.1 82.3 122.3#

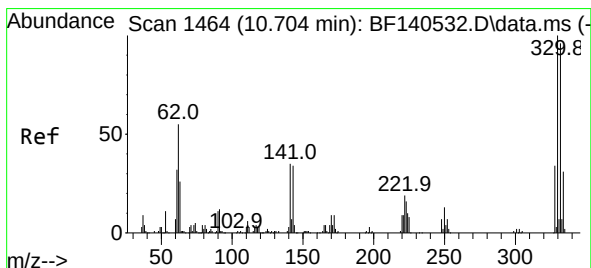
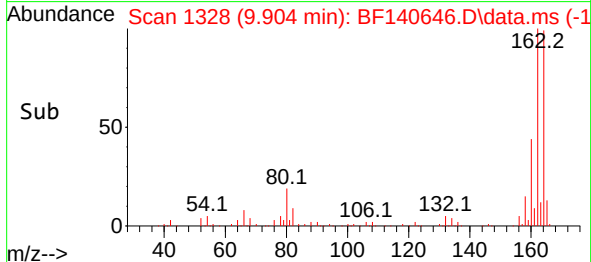
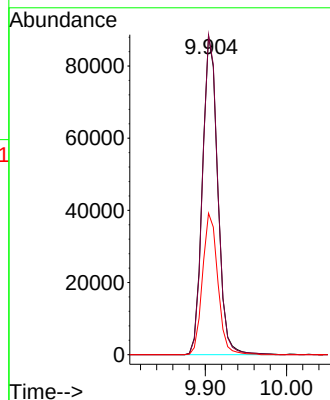
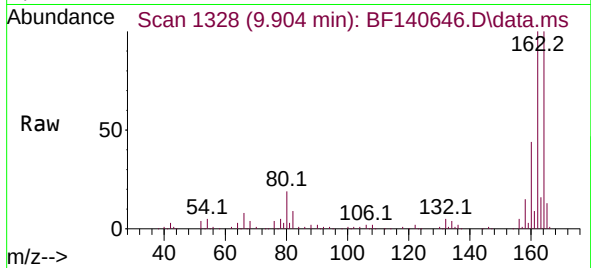




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

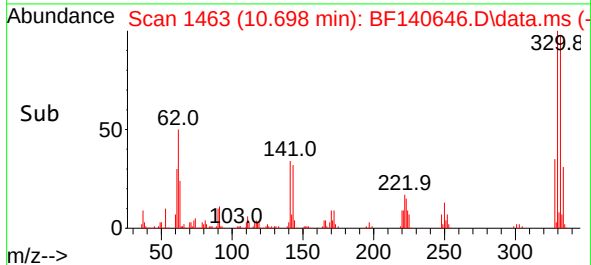
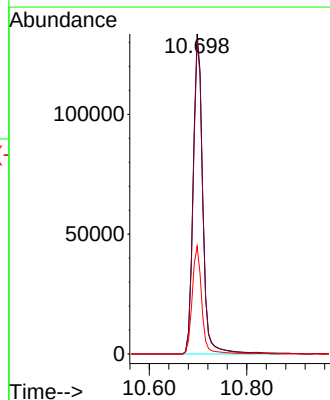
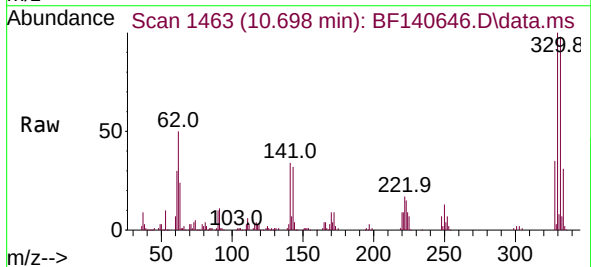
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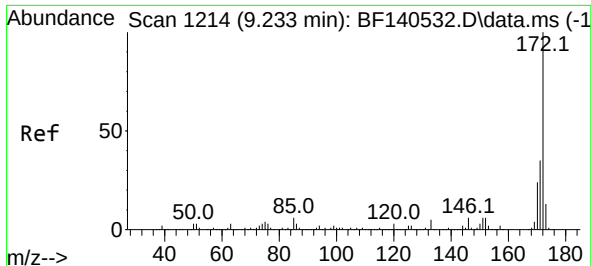
Tgt Ion:164 Resp: 115420
Ion Ratio Lower Upper
164 100
162 100.4 80.6 120.8
160 44.4 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 148.890 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

Tgt Ion:330 Resp: 183794
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 33.2 26.7 40.1

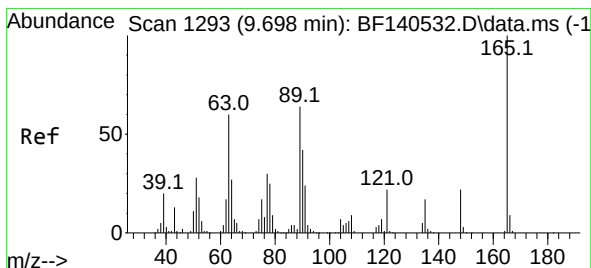
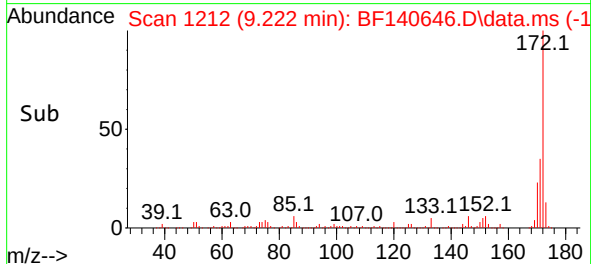
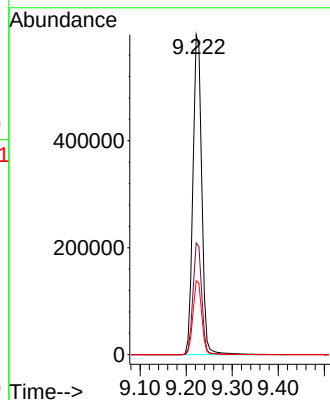
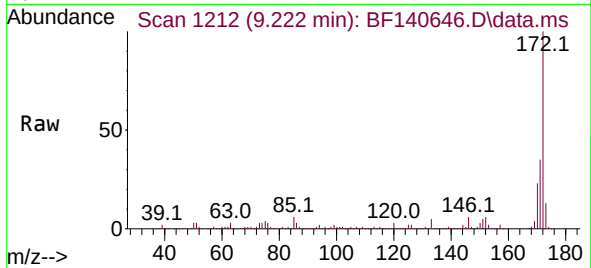




#45
2-Fluorobiphenyl
Concen: 102.683 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

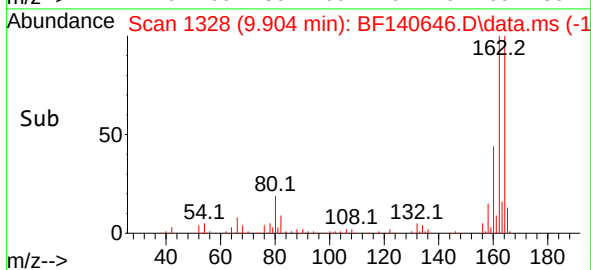
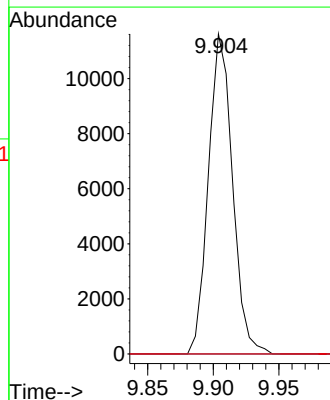
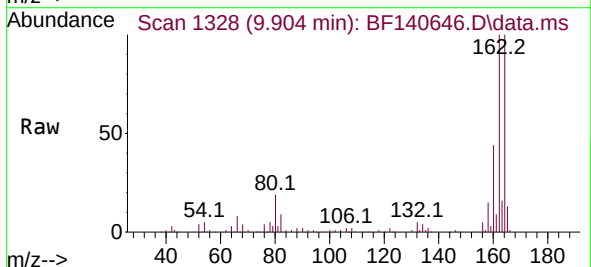
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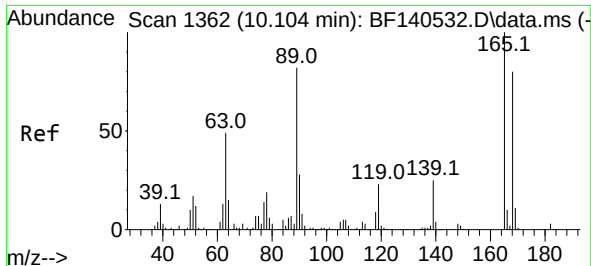
Tgt Ion:172 Resp: 795445
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.1 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.618 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

Tgt Ion:165 Resp: 14858
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#

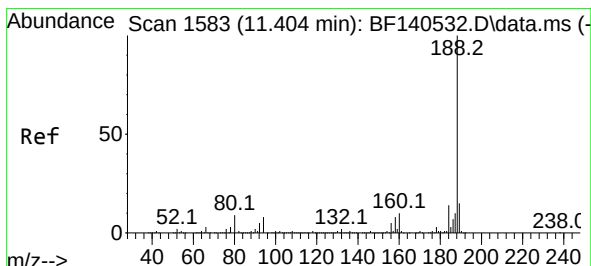
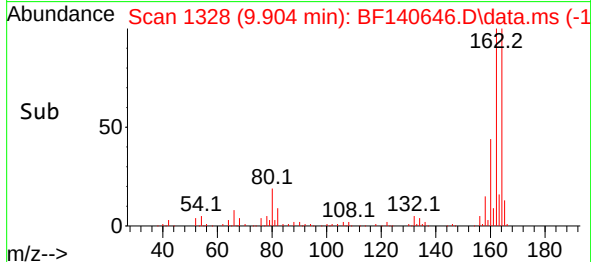
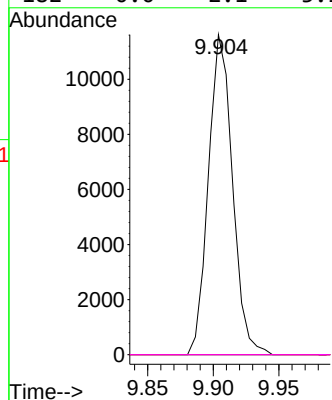
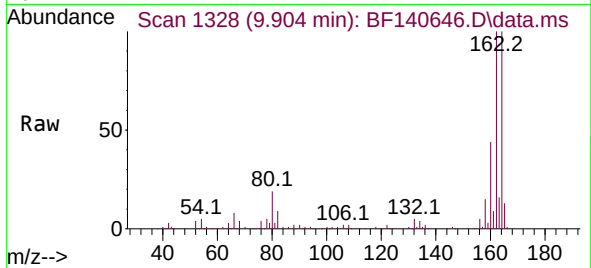




#57
2,4-Dinitrotoluene
Concen: 6.485 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

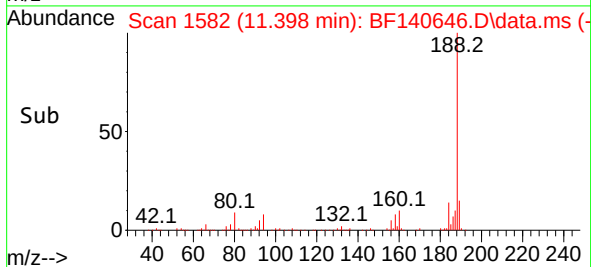
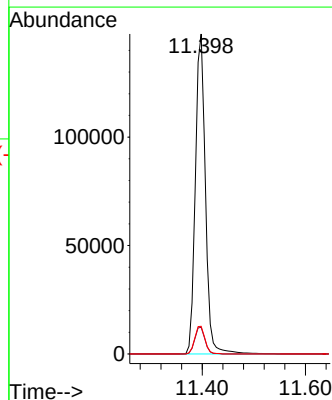
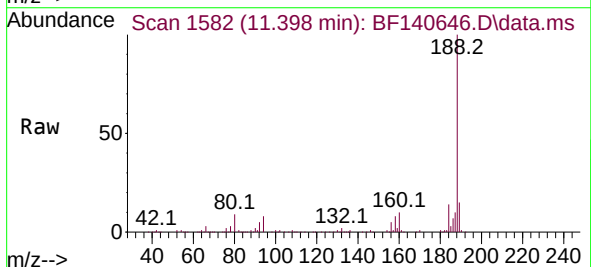
Instrument :
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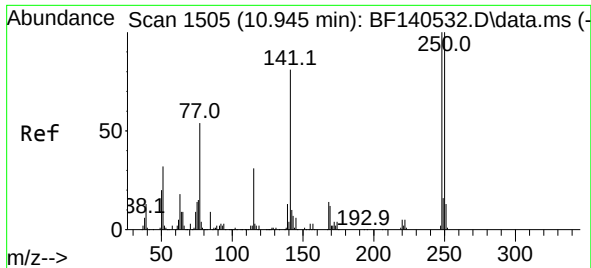
Tgt Ion:165 Resp: 14858
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 0.0 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

Tgt Ion:188 Resp: 199114
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.7 6.9 10.3

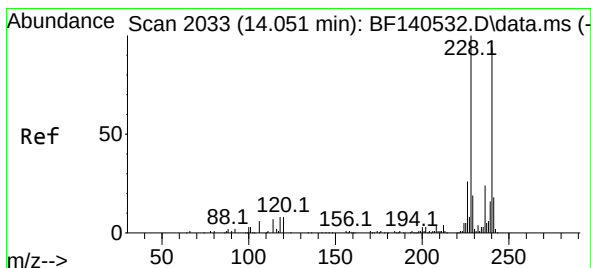
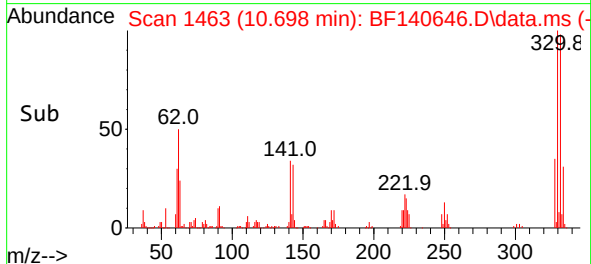
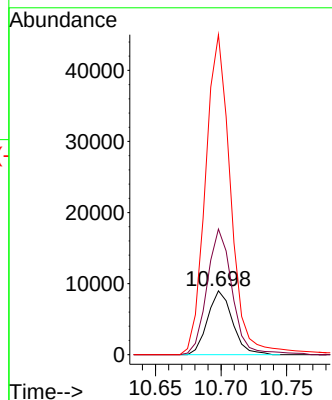
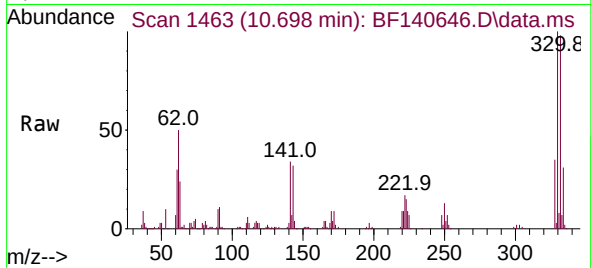




#67
4-Bromophenyl-phenylether
Concen: 5.767 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

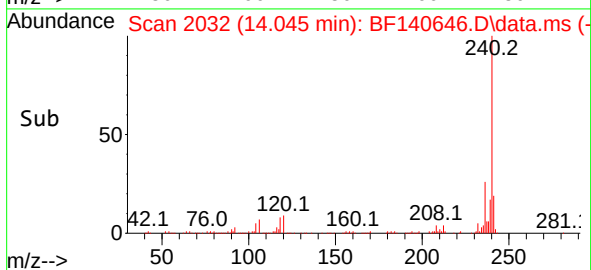
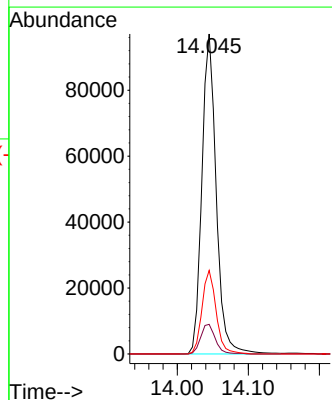
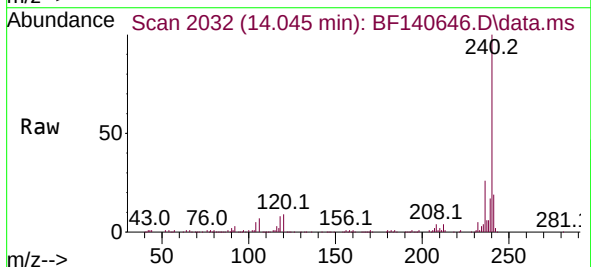
Instrument :
BNA_F
ClientSampleId :
MH-732

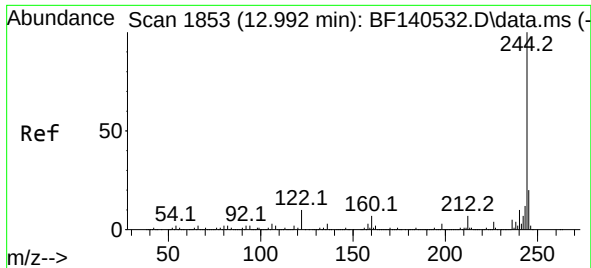
Tgt Ion:248 Resp: 11826
Ion Ratio Lower Upper
248 100
250 196.8 79.8 119.8#
141 501.6 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140646.D
Acq: 26 Nov 2024 17:07

Tgt Ion:240 Resp: 136344
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 26.1 20.6 31.0

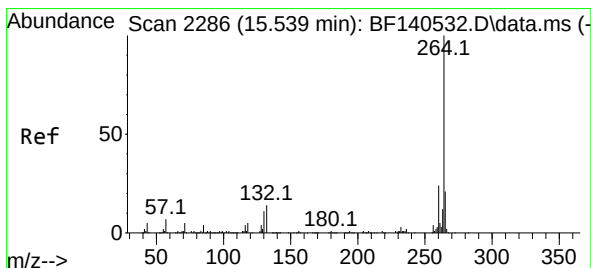
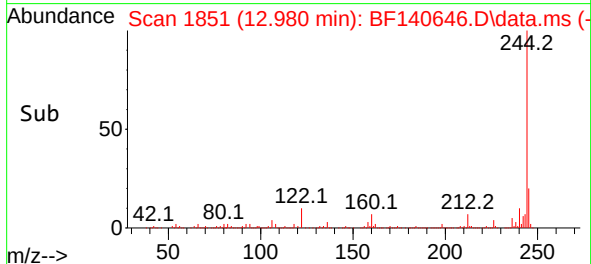
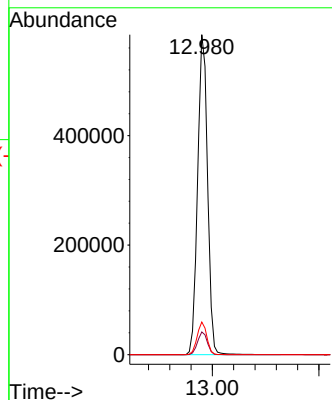
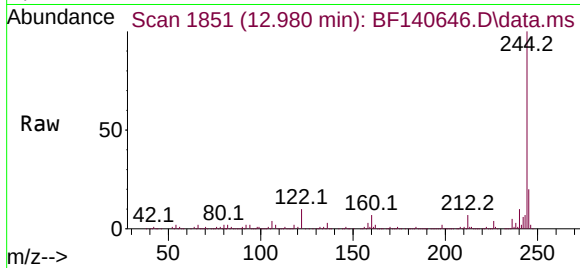




#79
 Terphenyl-d14
 Concen: 86.453 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140646.D
 Acq: 26 Nov 2024 17:07

Instrument :
 BNA_F
 ClientSampleId :
 MH-732

Tgt Ion:244 Resp: 756993
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 10.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: BF140646.D
 Acq: 26 Nov 2024 17:07

Tgt Ion:264 Resp: 115827
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.6
 265 22.5 16.6 25.0

