

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140548.D
 Acq On : 21 Nov 2024 20:59
 Operator : RC/JU
 Sample : P4924-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

Quant Time: Nov 22 00:11:15 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)

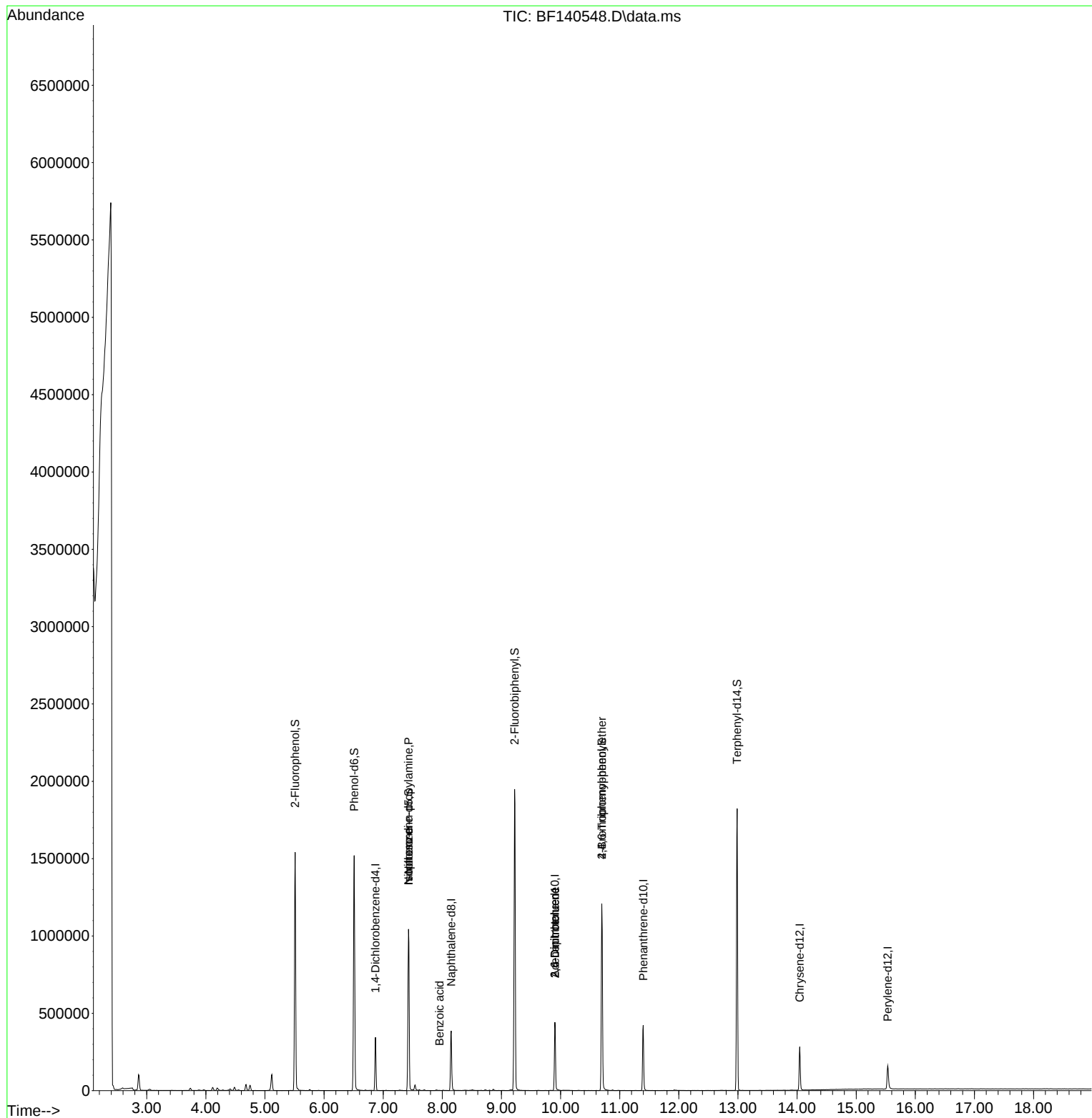
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	70571	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	263165	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	137861	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	242731	20.000	ng	0.00
76) Chrysene-d12	14.045	240	142773	20.000	ng	0.00
86) Perylene-d12	15.533	264	106164	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	584039	141.204	ng	0.01
7) Phenol-d6	6.510	99	736696	134.727	ng	0.00
23) Nitrobenzene-d5	7.428	82	505977	98.345	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	214153	145.244	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	941160	101.717	ng	-0.01
79) Terphenyl-d14	12.986	244	892206	97.307	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	68932	21.331	ng	# 76
25) Isophorone	7.428	82	497189	57.938	ng	# 66
32) Benzoic acid	7.951	122	820	7.476	ng	# 47
51) 2,6-Dinitrotoluene	9.904	165	17545	8.520	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	17545	6.411	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	13638	5.456	ng	# 1

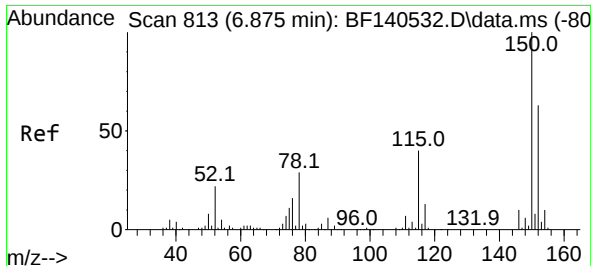
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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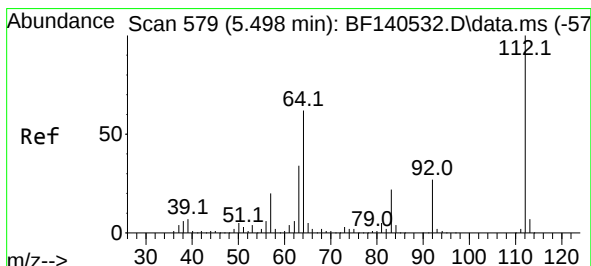
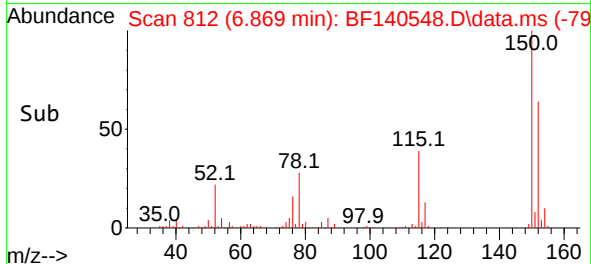
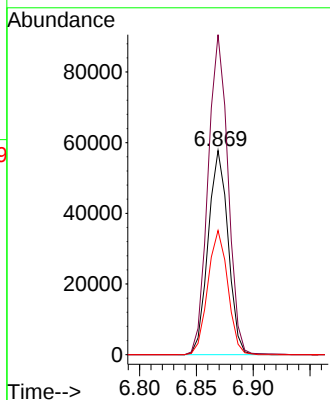
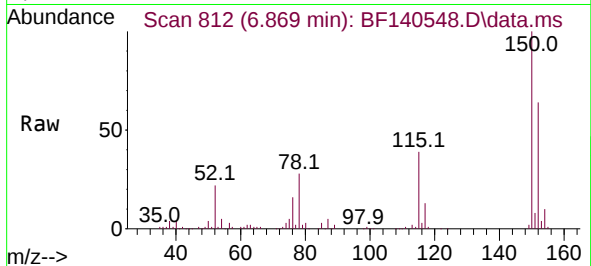




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

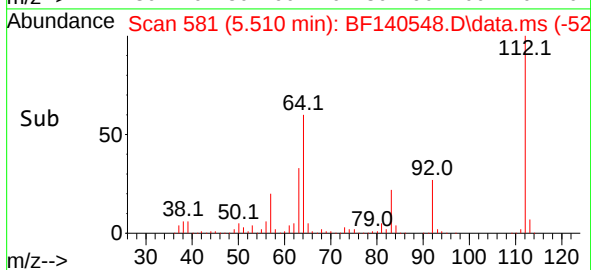
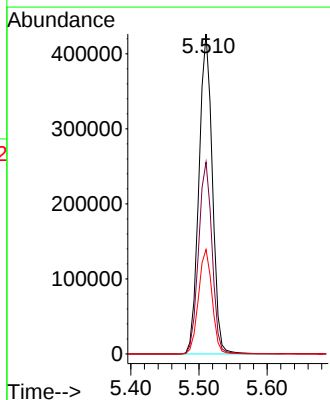
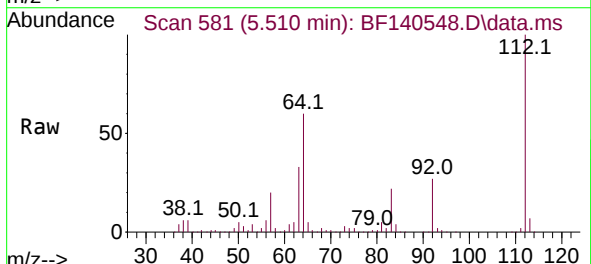
Instrument :
BNA_F
ClientSampleId :
MH-4

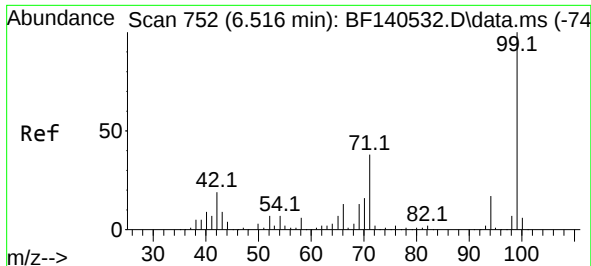
Tgt Ion:152 Resp: 70571
Ion Ratio Lower Upper
152 100
150 156.8 128.5 192.7
115 60.9 50.2 75.4



#5
2-Fluorophenol
Concen: 141.204 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

Tgt Ion:112 Resp: 584039
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 32.7 27.0 40.4

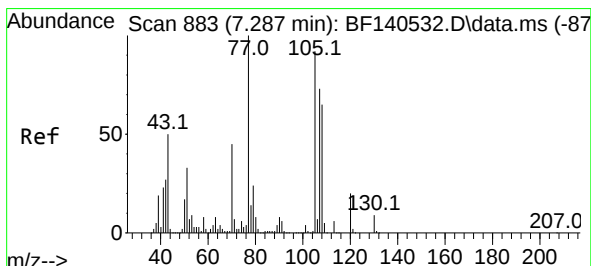
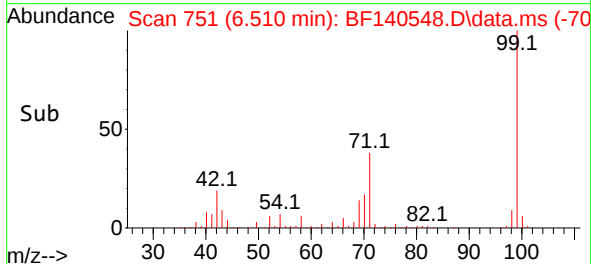
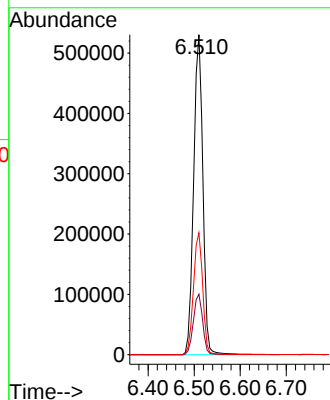
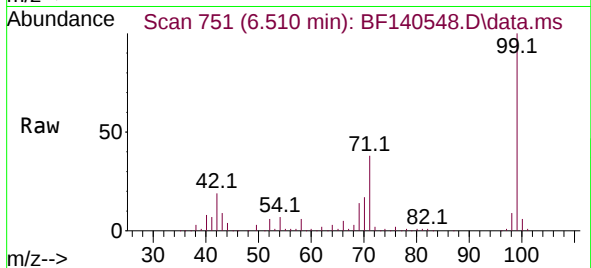




#7
Phenol-d6
Concen: 134.727 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

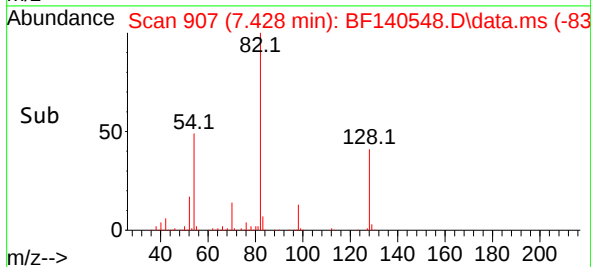
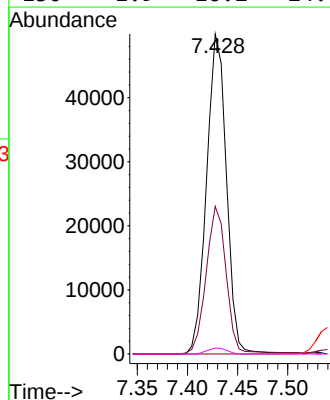
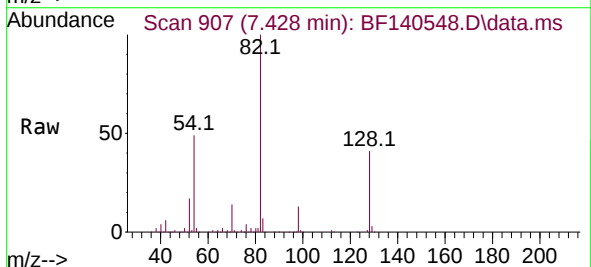
Instrument :
BNA_F
ClientSampleId :
MH-4

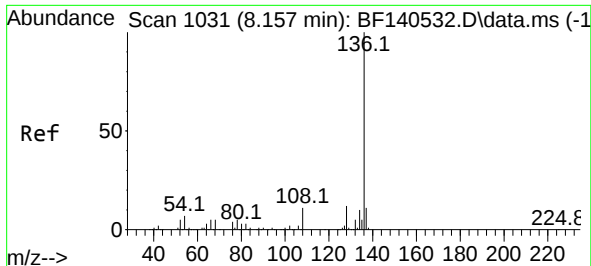
Tgt Ion: 99 Resp: 736696
Ion Ratio Lower Upper
99 100
42 18.9 15.4 23.0
71 38.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.331 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

Tgt Ion: 70 Resp: 68932
Ion Ratio Lower Upper
70 100
42 46.1 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#

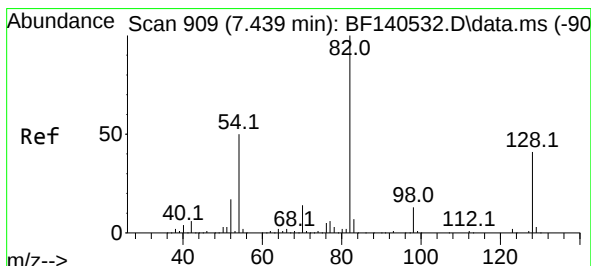
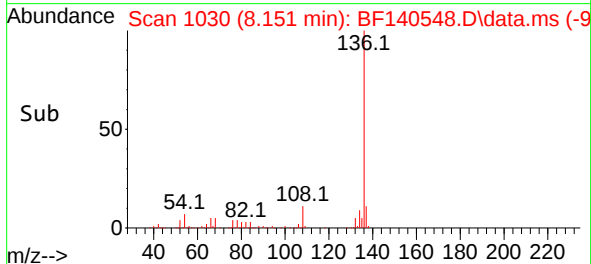
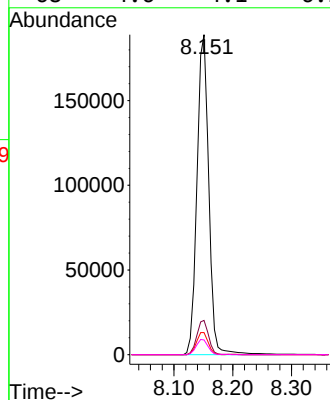
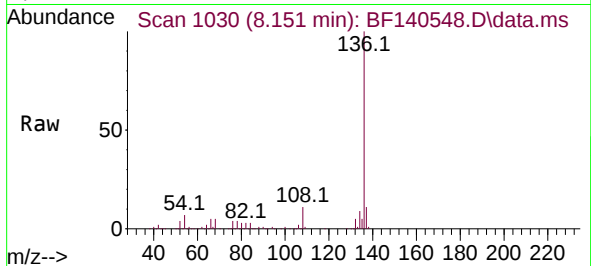




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

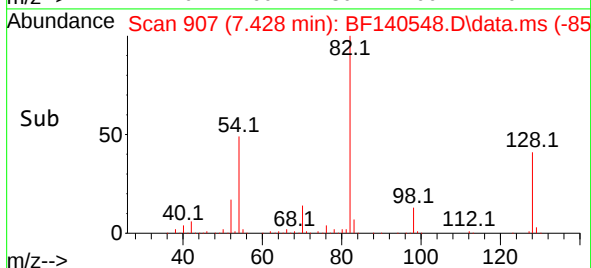
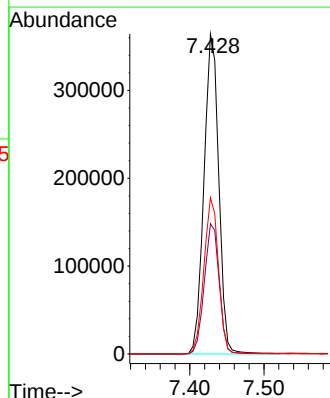
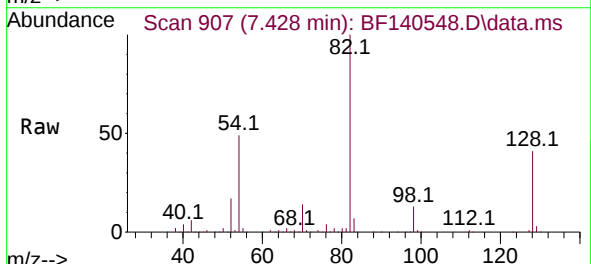
Instrument :
BNA_F
ClientSampleId :
MH-4

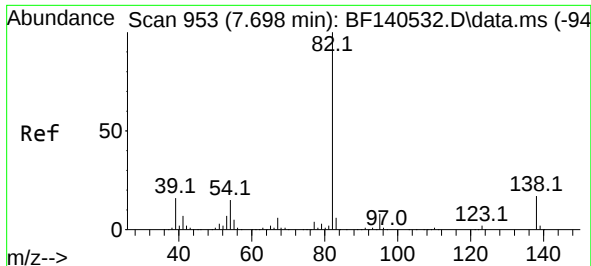
Tgt Ion	136	Resp: Lower	263165 Upper
136	100		
137	10.7	8.6	13.0
54	6.9	5.8	8.8
68	4.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 98.345 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

Tgt Ion: 82	Resp: 505977
Ion Ratio	Lower Upper
82 100	
128 40.7	33.0 49.4
54 48.8	39.5 59.3

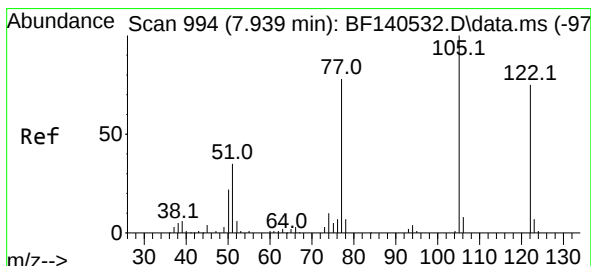
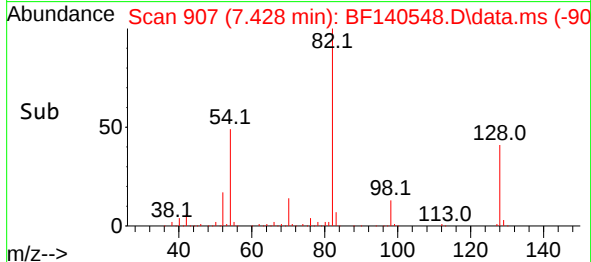
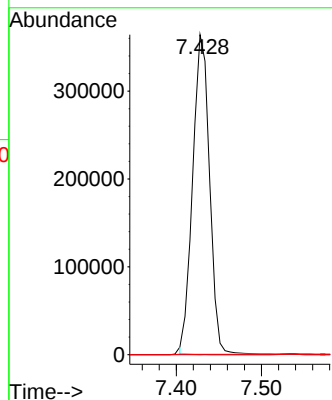
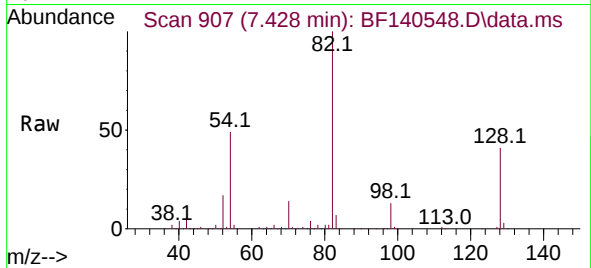




#25
Isophorone
Concen: 57.938 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

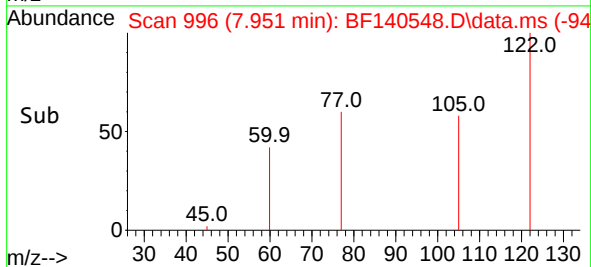
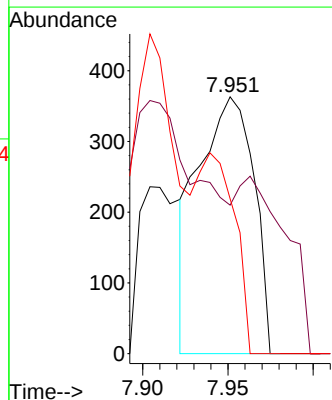
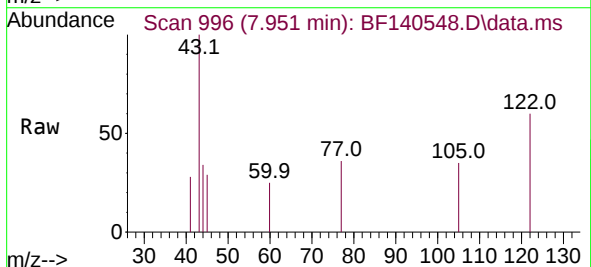
Instrument :
BNA_F
ClientSampleId :
MH-4

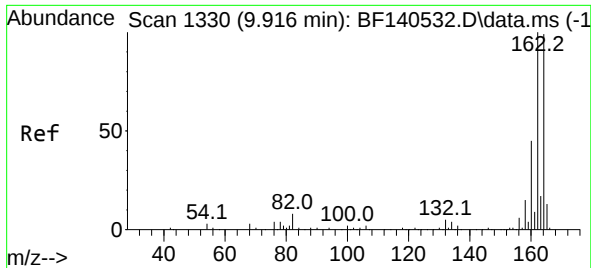
Tgt Ion: 82 Resp: 497189
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.476 ng
RT: 7.951 min Scan# 996
Delta R.T. 0.012 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

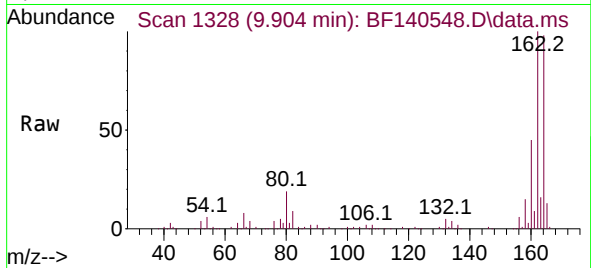
Tgt Ion:122 Resp: 820
Ion Ratio Lower Upper
122 100
105 57.9 109.3 149.3#
77 60.3 82.3 122.3#



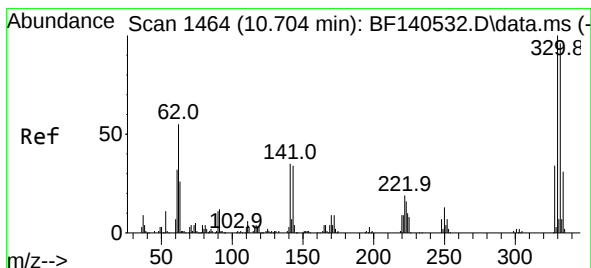
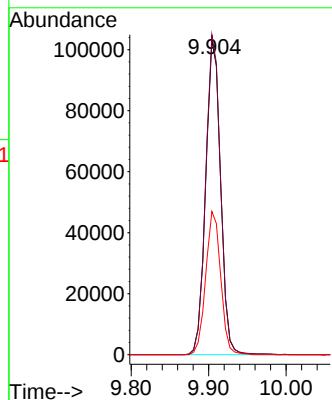
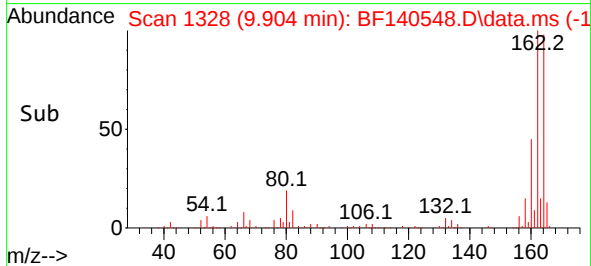


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

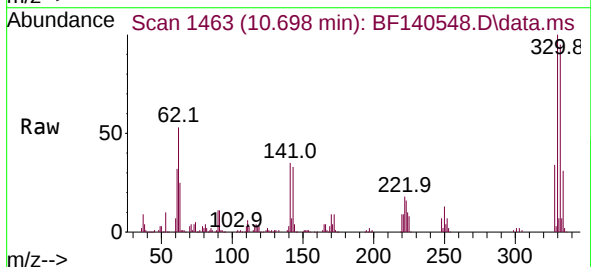
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ClientSampleId :
MH-4



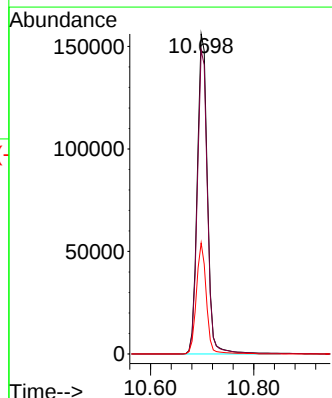
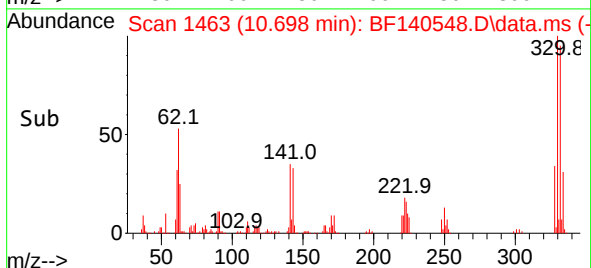
Tgt Ion:164 Resp: 137861
Ion Ratio Lower Upper
164 100
162 101.7 80.6 120.8
160 45.5 36.2 54.4

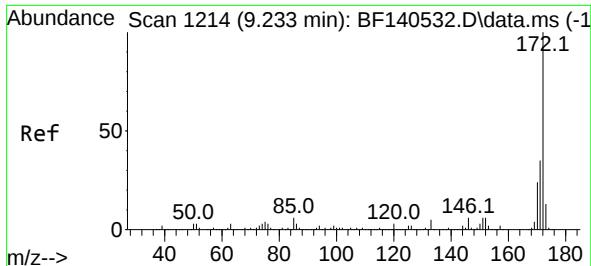


#42
2,4,6-Tribromophenol
Concen: 145.244 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59



Tgt Ion:330 Resp: 214153
Ion Ratio Lower Upper
330 100
332 94.4 76.9 115.3
141 33.9 26.7 40.1

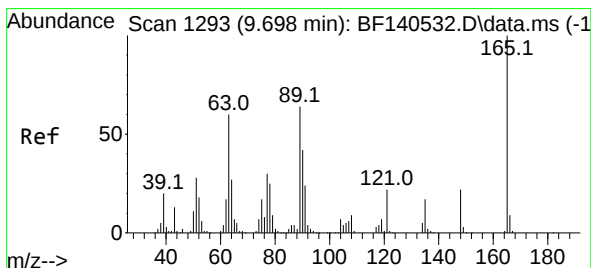
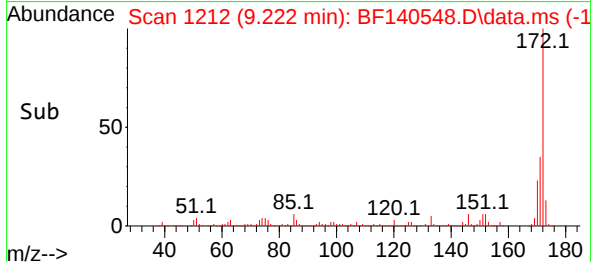
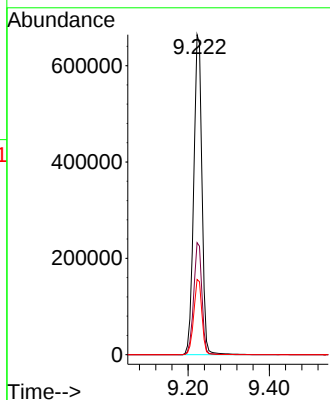
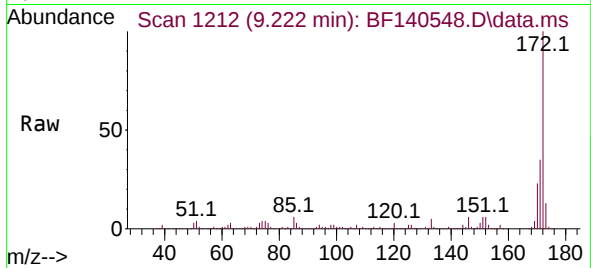




#45
2-Fluorobiphenyl
Concen: 101.717 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

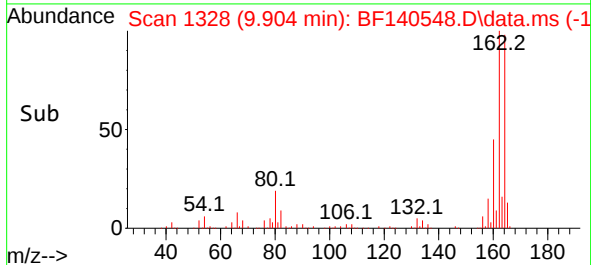
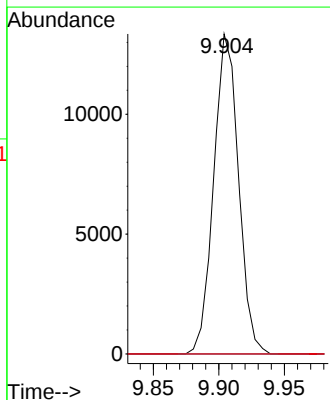
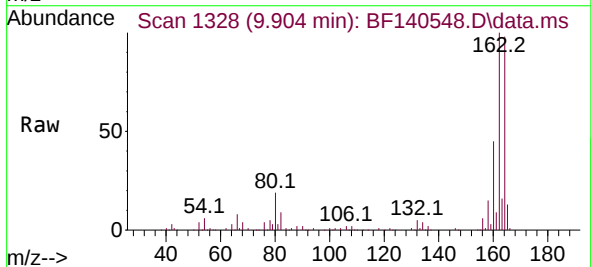
Instrument :
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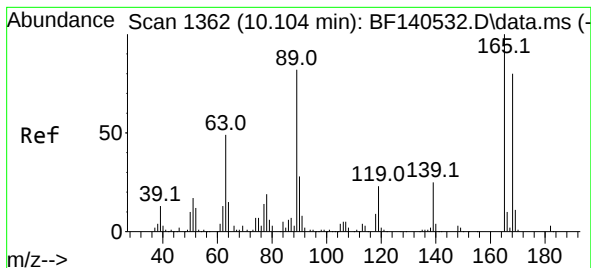
Tgt Ion:172 Resp: 941160
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.5 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.520 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

Tgt Ion:165 Resp: 17545
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#

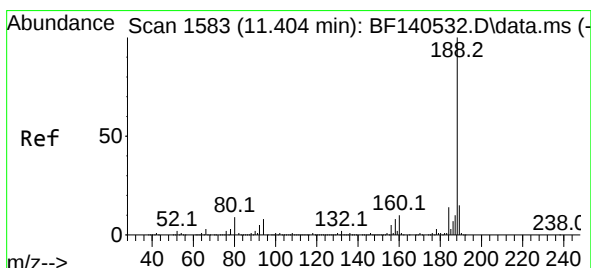
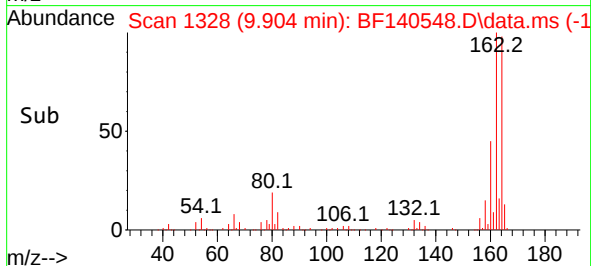
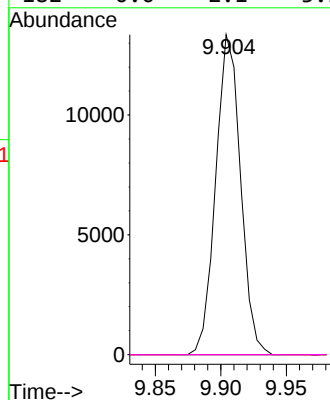
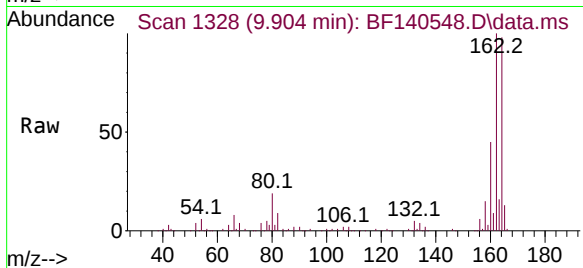




#57
2,4-Dinitrotoluene
Concen: 6.411 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

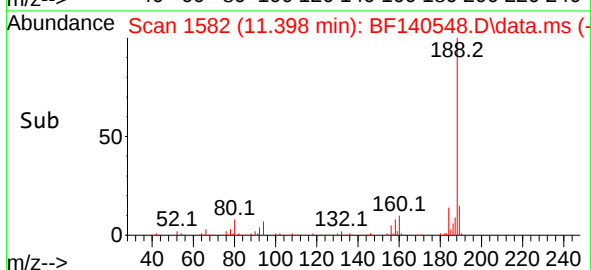
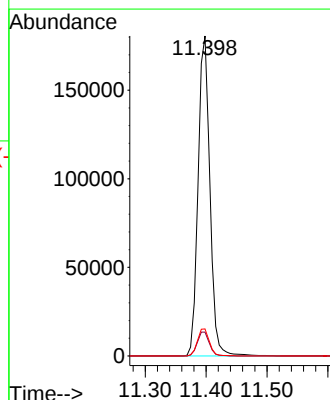
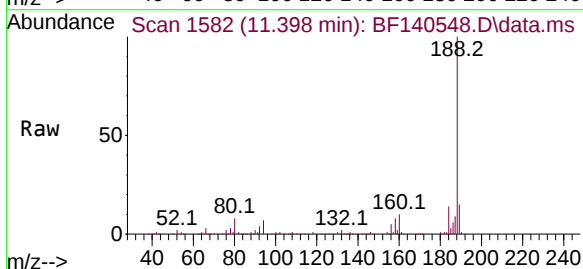
Instrument :
BNA_F
ClientSampleId :
MH-4

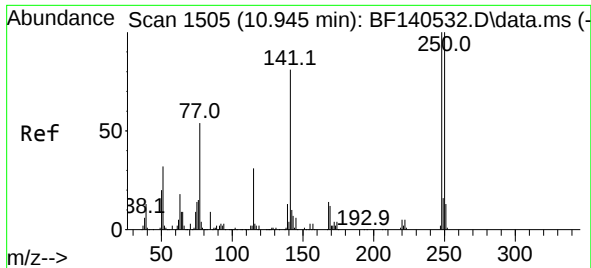
Tgt Ion:165 Resp: 17545
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 0.0 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

Tgt Ion:188 Resp: 242731
Ion Ratio Lower Upper
188 100
94 7.5 6.4 9.6
80 8.5 6.9 10.3

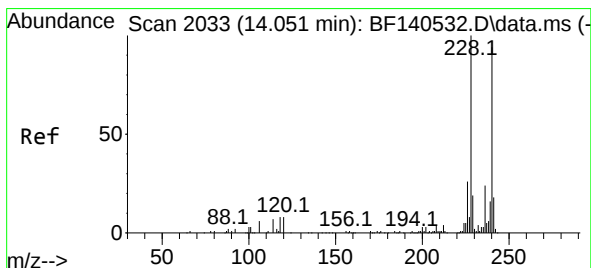
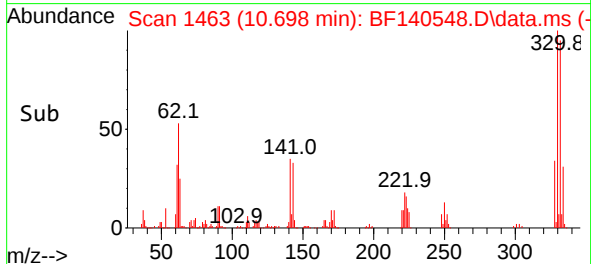
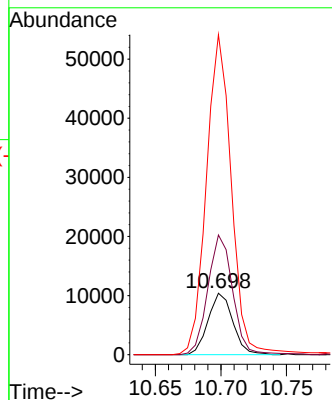
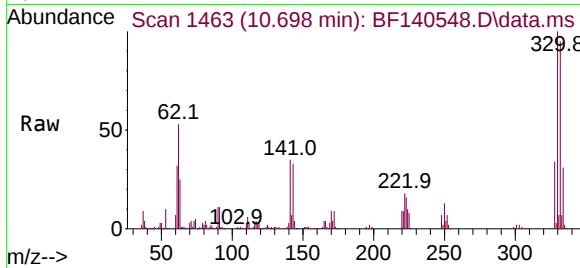




#67
4-Bromophenyl-phenylether
Concen: 5.456 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

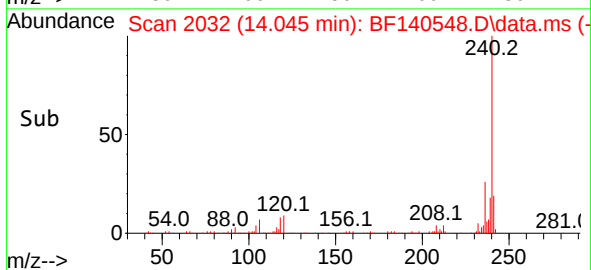
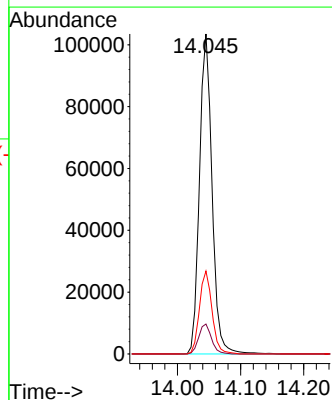
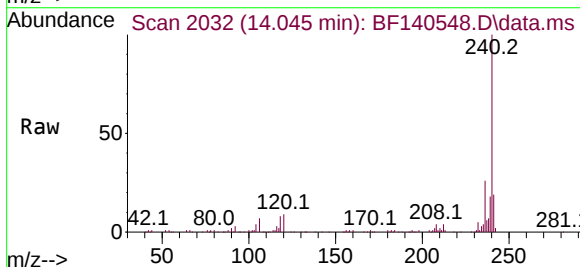
Instrument :
BNA_F
ClientSampleId :
MH-4

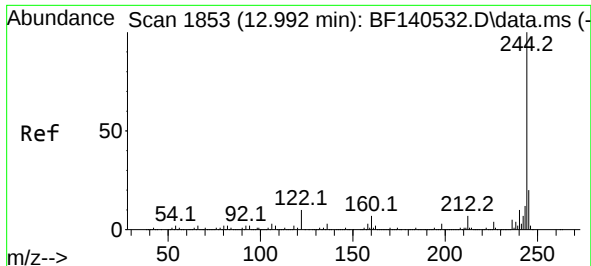
Tgt Ion:248 Resp: 13638
Ion Ratio Lower Upper
248 100
250 195.0 79.8 119.8#
141 521.4 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

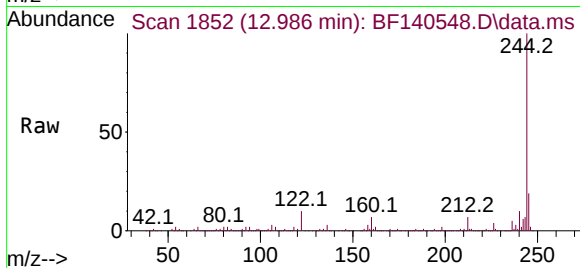
Tgt Ion:240 Resp: 142773
Ion Ratio Lower Upper
240 100
120 9.4 7.3 10.9
236 25.9 20.6 31.0



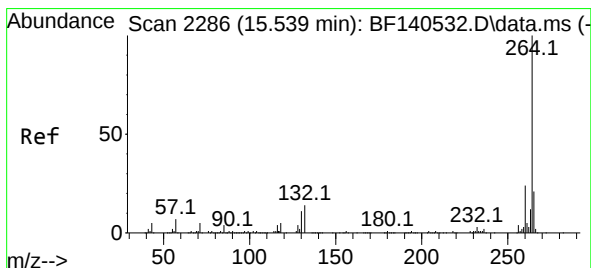
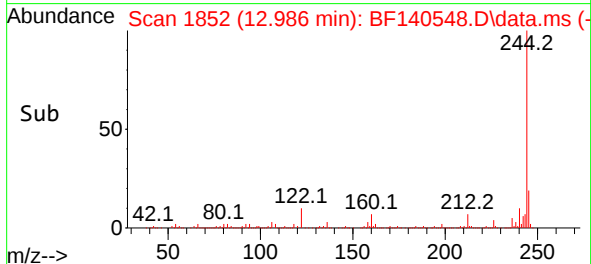
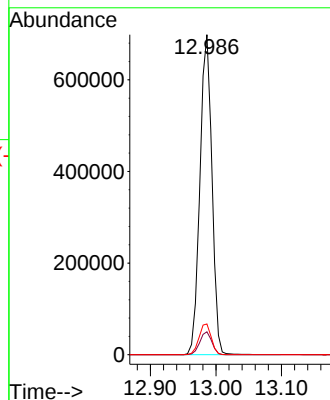


#79
Terphenyl-d14
Concen: 97.307 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

Instrument :
BNA_F
ClientSampleId :
MH-4



Tgt Ion:244 Resp: 892206
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.6 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BF140548.D
Acq: 21 Nov 2024 20:59

Tgt Ion:264 Resp: 106164
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.3 16.6 25.0

