

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140541.D
 Acq On : 21 Nov 2024 17:55
 Operator : RC/JU
 Sample : P4887-06
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-760

Quant Time: Nov 22 00:09:53 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)

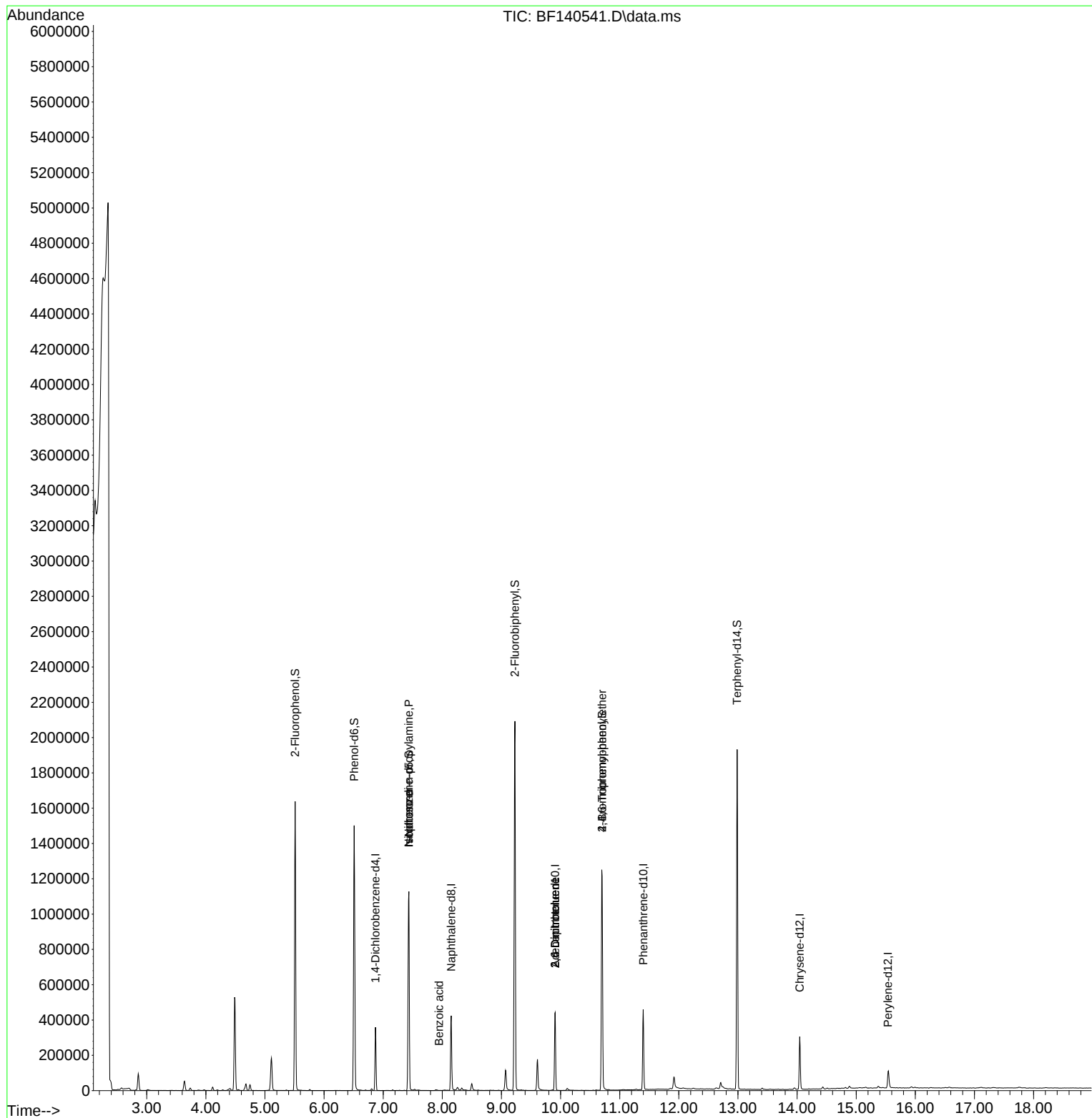
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	73085	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	266752	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	135839	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	244816	20.000	ng	0.00
76) Chrysene-d12	14.045	240	145003	20.000	ng	0.00
86) Perylene-d12	15.539	264	49927	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	595317	138.980	ng	0.01
7) Phenol-d6	6.510	99	700142	123.638	ng	0.00
23) Nitrobenzene-d5	7.434	82	535642	102.711	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	224967	154.850	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	983426	107.867	ng	0.00
79) Terphenyl-d14	12.986	244	925591	99.396	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.434	70	72336	21.614	ng	# 77
25) Isophorone	7.434	82	529638	60.890	ng	# 66
32) Benzoic acid	7.945	122	530	7.373	ng	# 69
51) 2,6-Dinitrotoluene	9.910	165	17527	8.638	ng	# 21
57) 2,4-Dinitrotoluene	9.910	165	17527	6.500	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	14997	5.948	ng	# 1

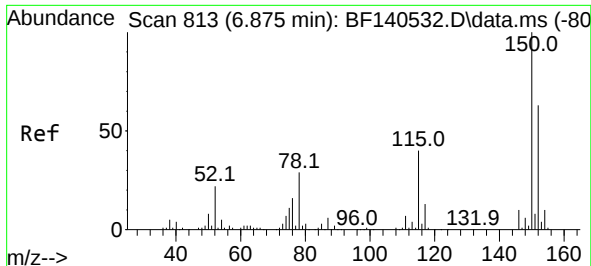
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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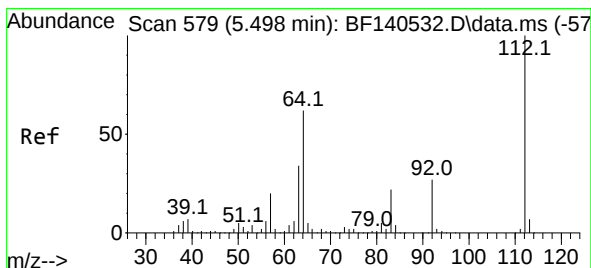
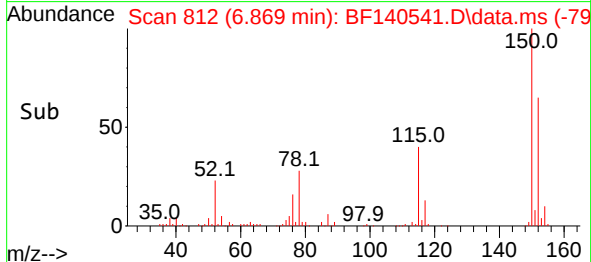
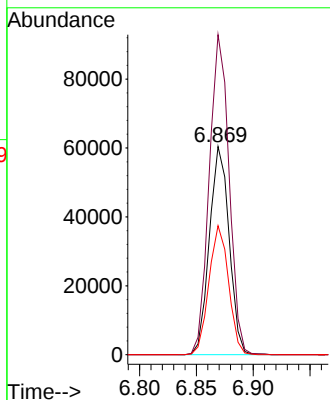
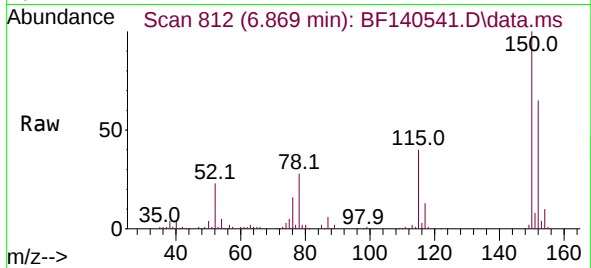




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

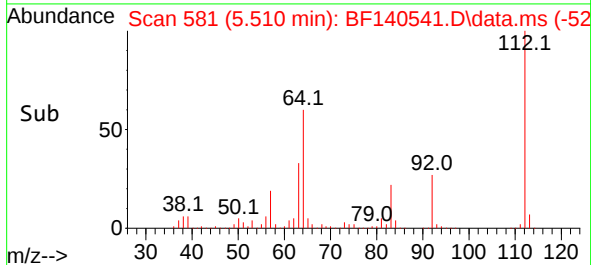
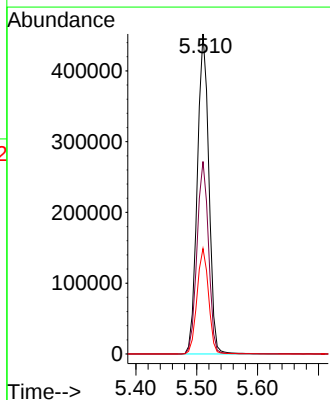
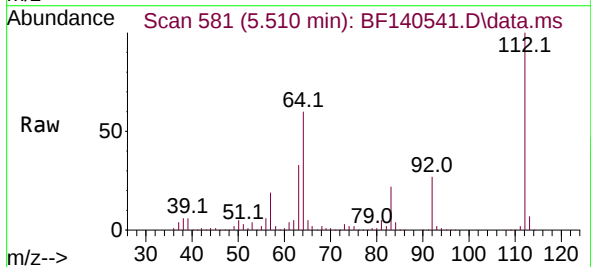
Instrument :
BNA_F
ClientSampleId :
MH-760

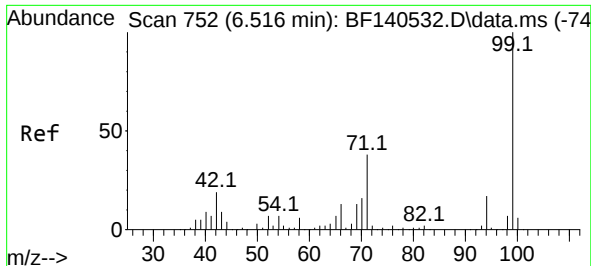
Tgt Ion:152 Resp: 73085
Ion Ratio Lower Upper
152 100
150 153.8 128.5 192.7
115 61.9 50.2 75.4



#5
2-Fluorophenol
Concen: 138.980 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

Tgt Ion:112 Resp: 595317
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 33.0 27.0 40.4

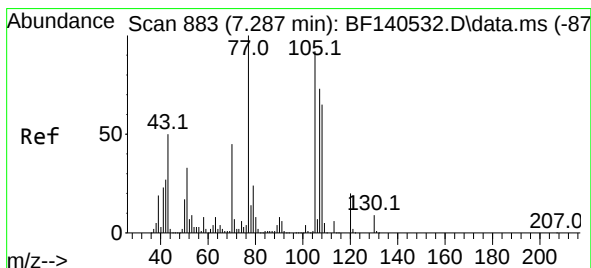
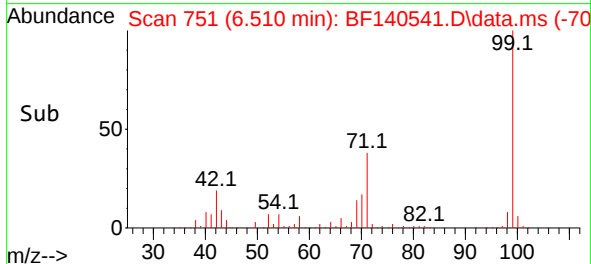
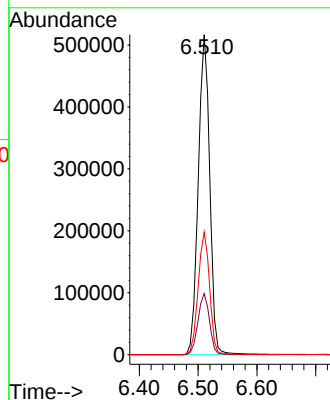
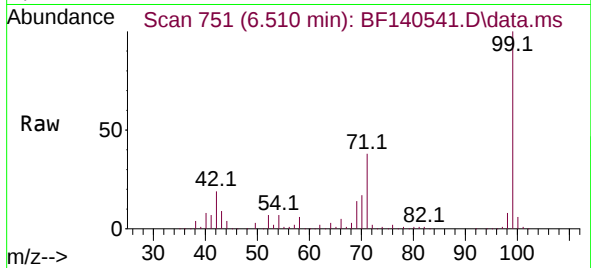




#7
Phenol-d6
Concen: 123.638 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

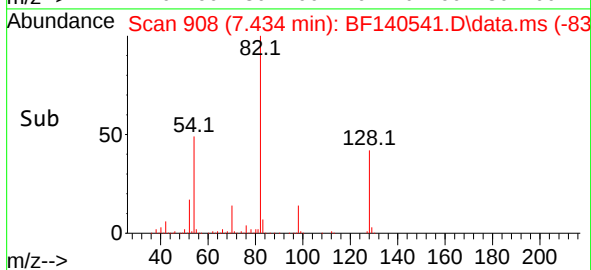
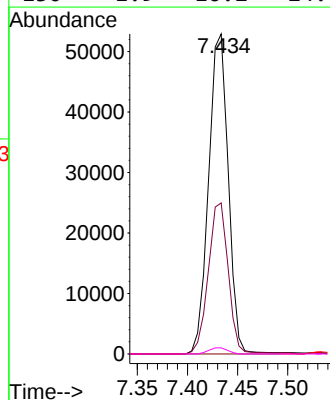
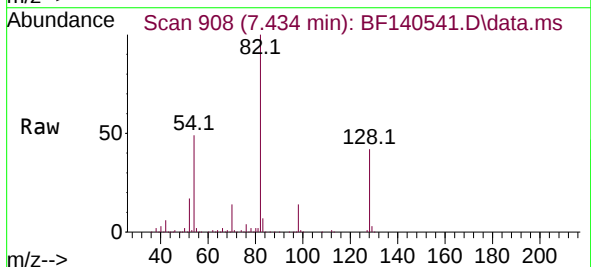
Instrument :
BNA_F
ClientSampleId :
MH-760

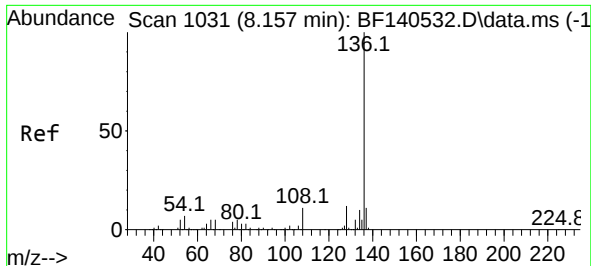
Tgt Ion: 99 Resp: 700142
Ion Ratio Lower Upper
99 100
42 19.1 15.4 23.0
71 38.3 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.614 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

Tgt Ion: 70 Resp: 72336
Ion Ratio Lower Upper
70 100
42 47.2 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#



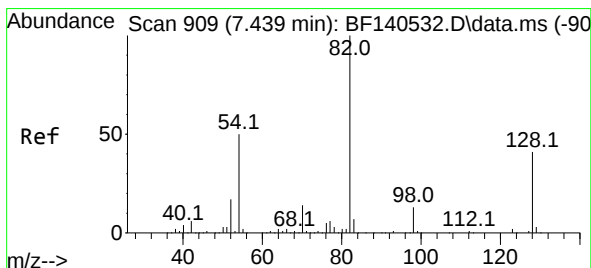
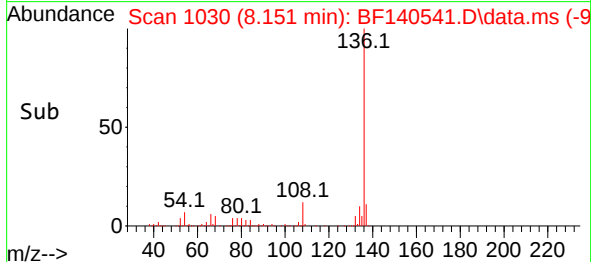
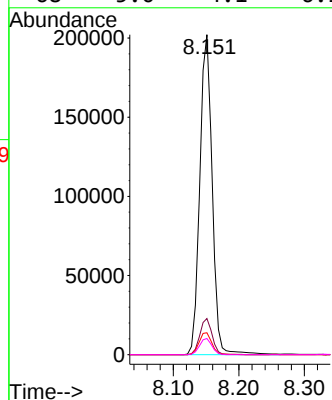
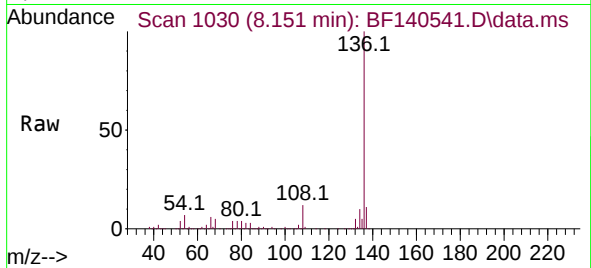


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

Instrument :
BNA_F
ClientSampleId :
MH-760

Tgt Ion:136 Resp: 266752

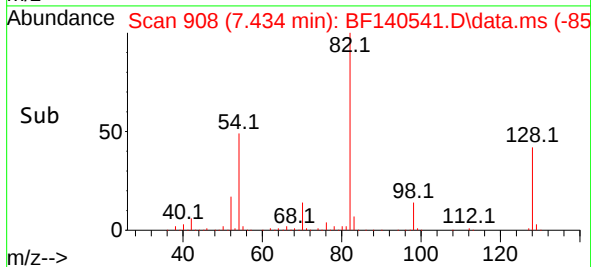
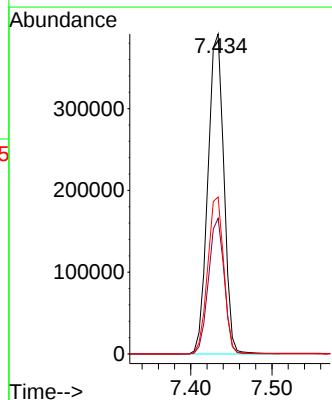
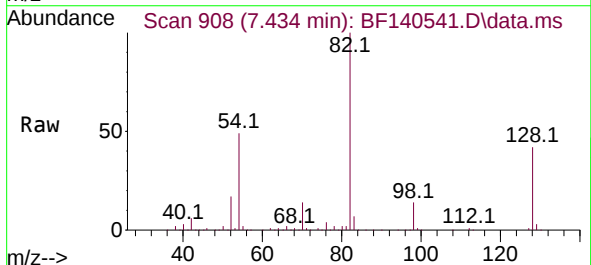
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	6.9	5.8	8.8
68	5.0	4.1	6.1

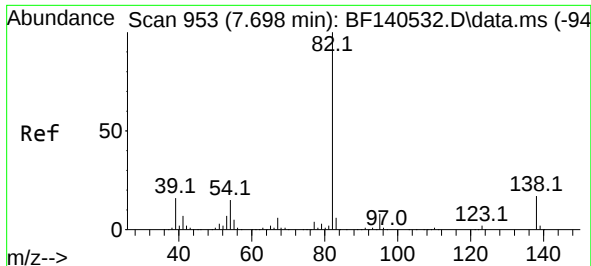


#23
Nitrobenzene-d5
Concen: 102.711 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

Tgt Ion: 82 Resp: 535642

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.0	49.4
54	49.1	39.5	59.3

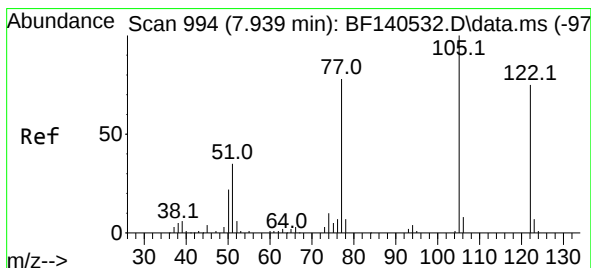
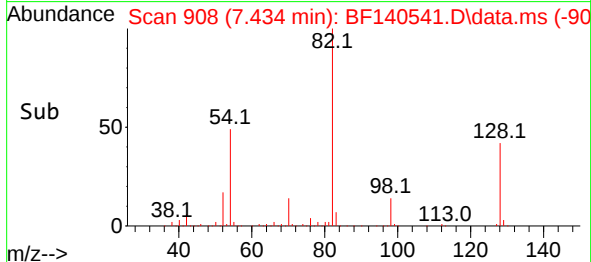
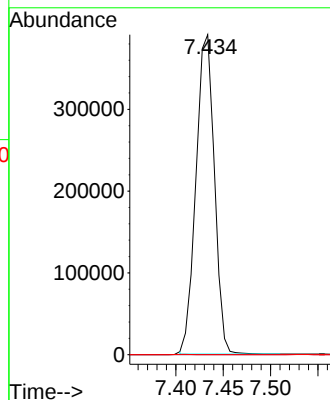
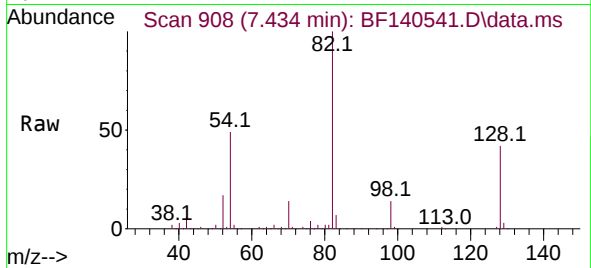




#25
Isophorone
Concen: 60.890 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

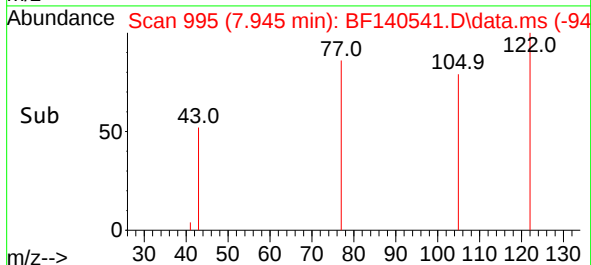
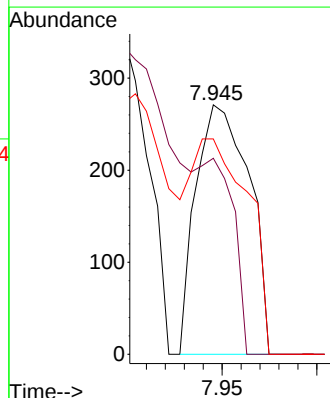
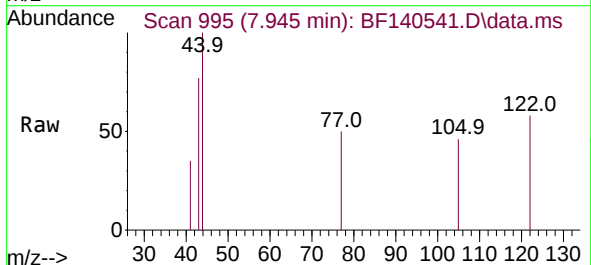
Instrument :
BNA_F
ClientSampleId :
MH-760

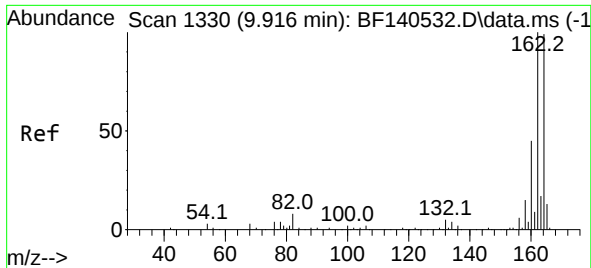
Tgt Ion: 82 Resp: 529638
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.373 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

Tgt Ion:122 Resp: 530
Ion Ratio Lower Upper
122 100
105 78.6 109.3 149.3#
77 86.3 82.3 122.3

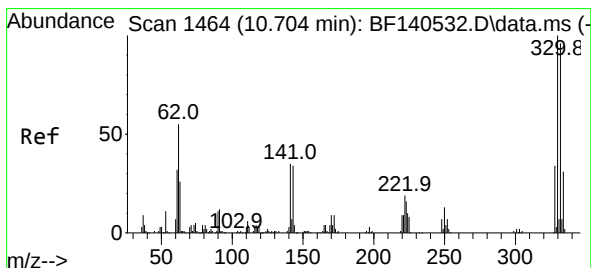
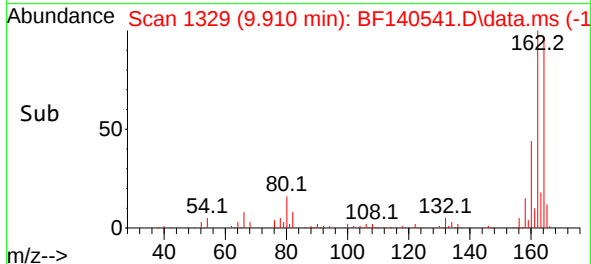
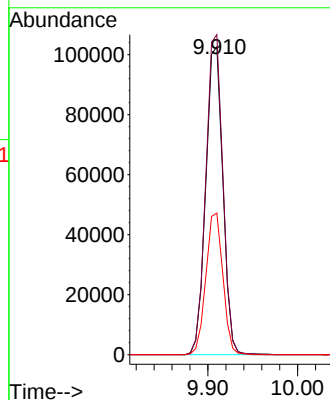
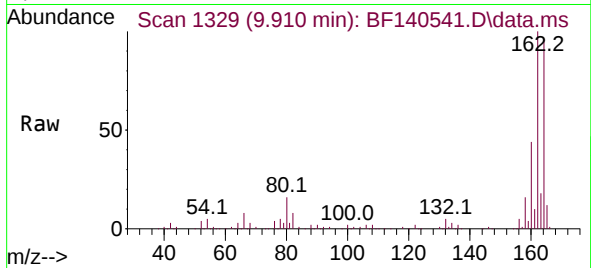




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

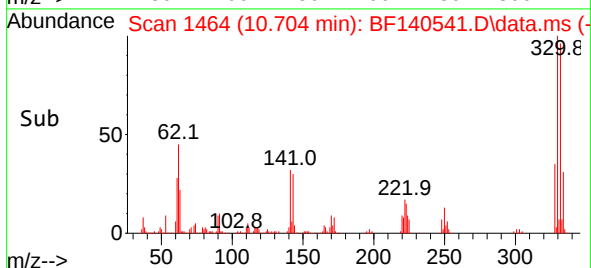
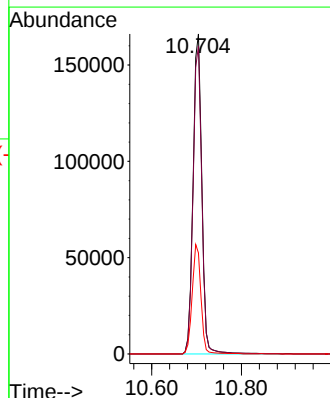
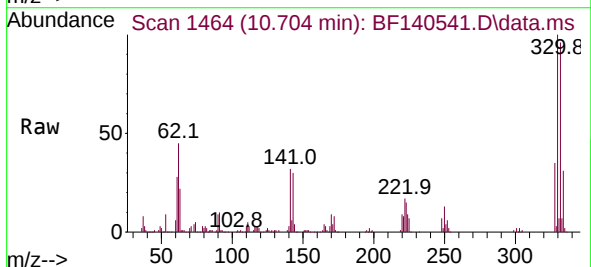
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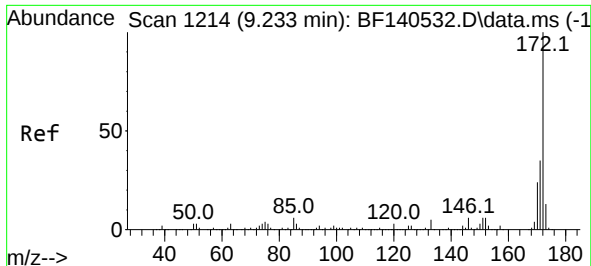
Tgt Ion:164 Resp: 135839
Ion Ratio Lower Upper
164 100
162 104.0 80.6 120.8
160 46.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 154.850 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

Tgt Ion:330 Resp: 224967
Ion Ratio Lower Upper
330 100
332 96.5 76.9 115.3
141 34.2 26.7 40.1

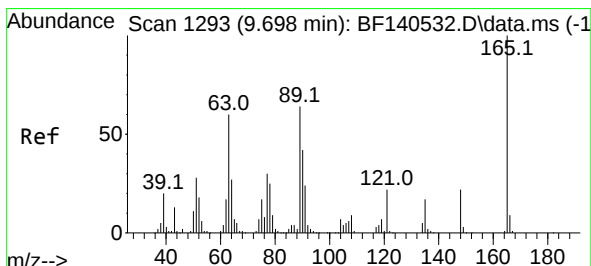
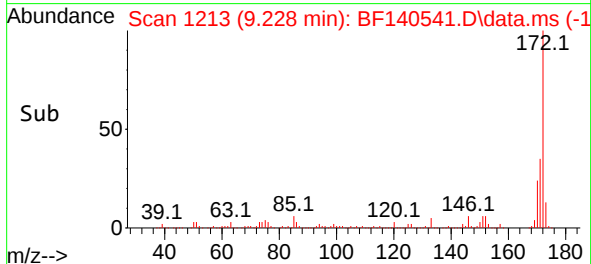
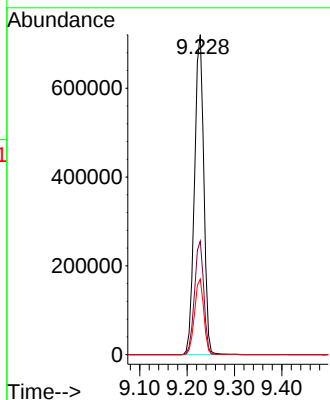
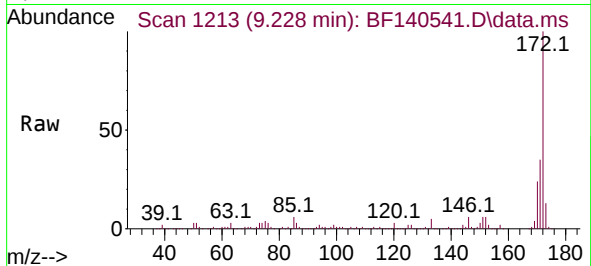




#45
2-Fluorobiphenyl
Concen: 107.867 ng
RT: 9.228 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

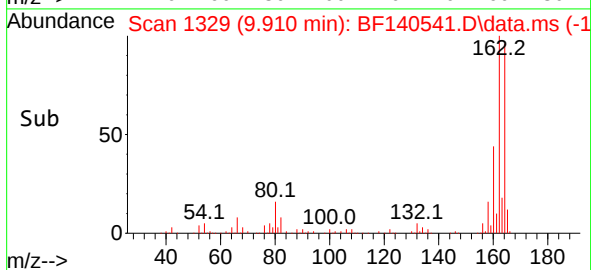
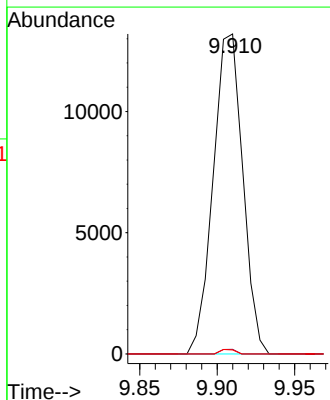
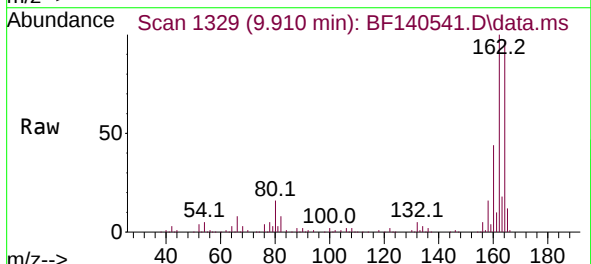
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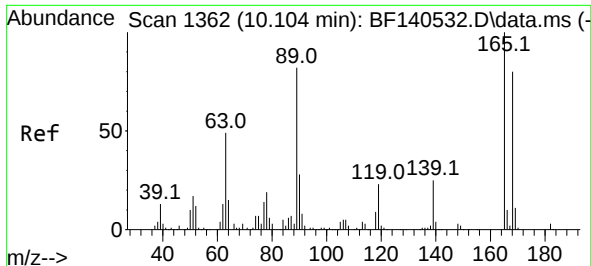
Tgt Ion:172 Resp: 983426
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.638 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

Tgt Ion:165 Resp: 17527
Ion Ratio Lower Upper
165 100
63 1.5 49.9 74.9#
89 1.2 50.9 76.3#

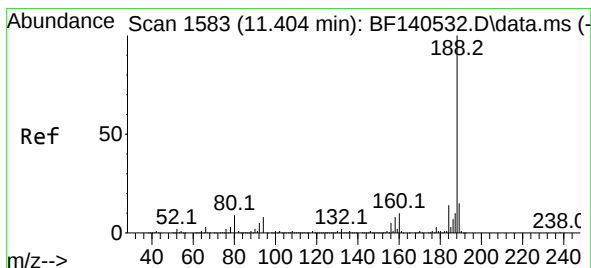
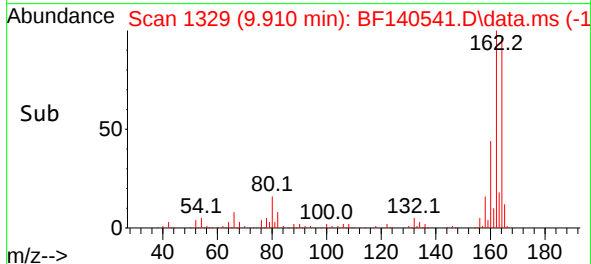
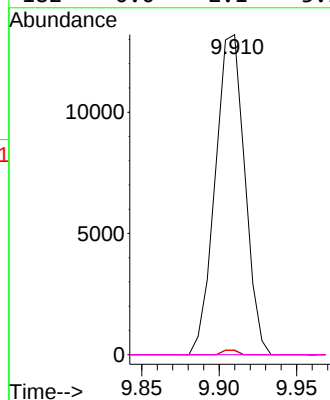
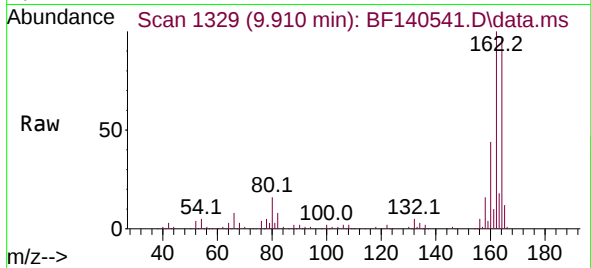




#57
2,4-Dinitrotoluene
Concen: 6.500 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

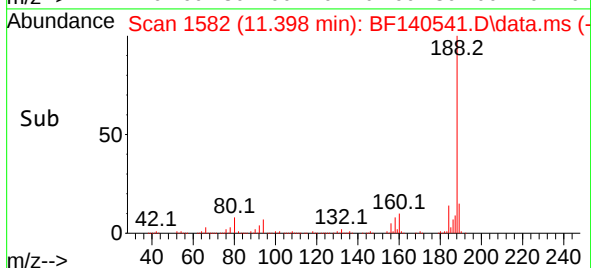
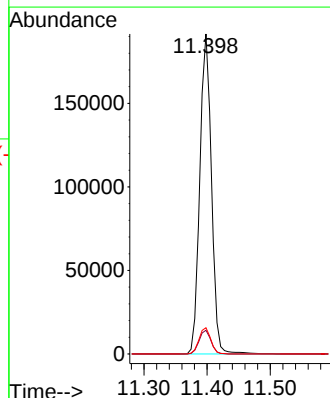
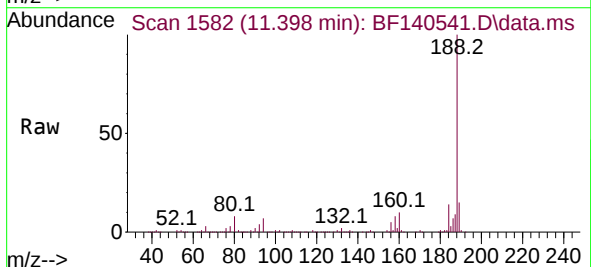
Instrument :
BNA_F
ClientSampleId :
MH-760

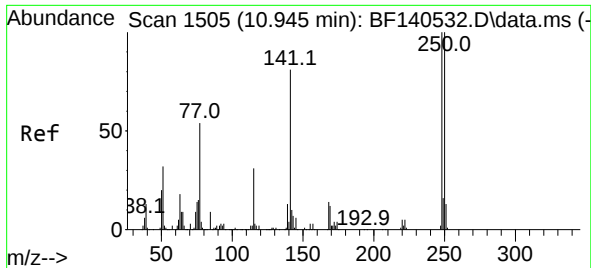
Tgt Ion:165 Resp: 17527
Ion Ratio Lower Upper
165 100
63 1.5 41.7 62.5#
89 1.2 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

Tgt Ion:188 Resp: 244816
Ion Ratio Lower Upper
188 100
94 7.4 6.4 9.6
80 8.2 6.9 10.3

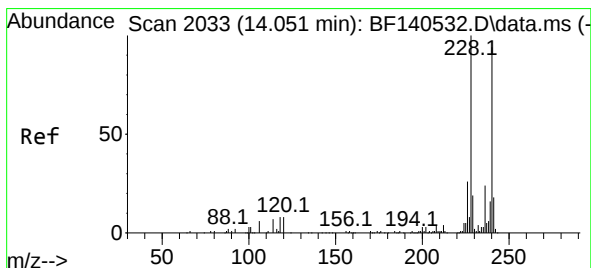
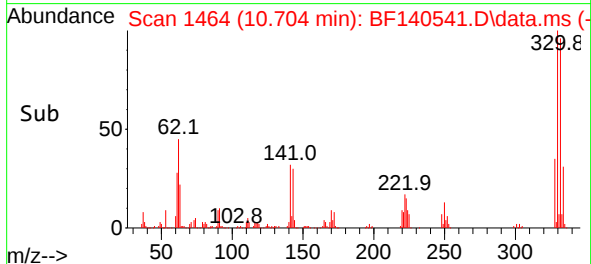
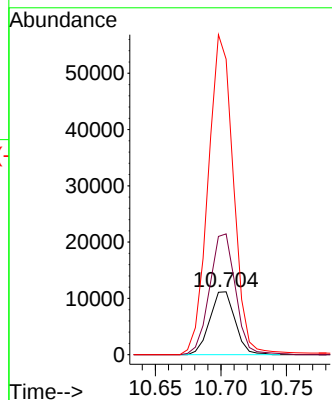
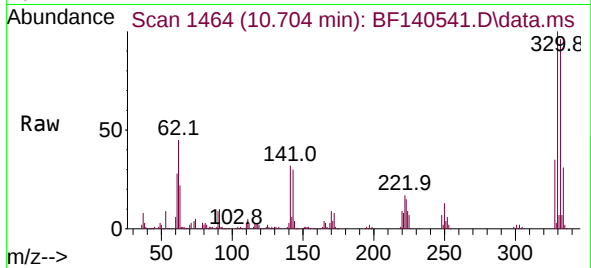




#67
4-Bromophenyl-phenylether
Concen: 5.948 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

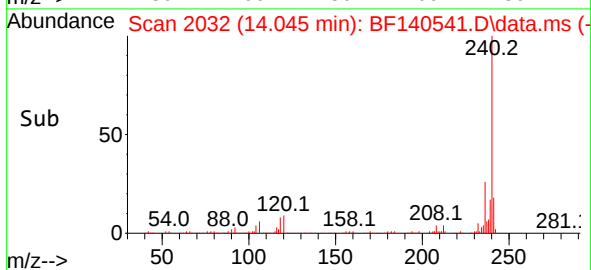
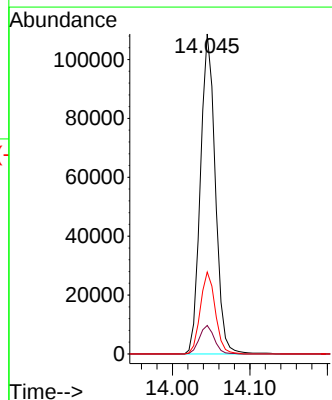
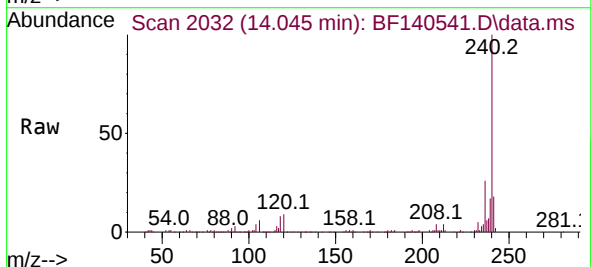
Instrument :
BNA_F
ClientSampleId :
MH-760

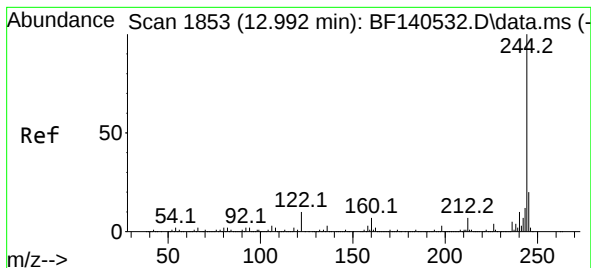
Tgt Ion:248 Resp: 14997
Ion Ratio Lower Upper
248 100
250 192.1 79.8 119.8#
141 469.9 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140541.D
Acq: 21 Nov 2024 17:55

Tgt Ion:240 Resp: 145003
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 25.6 20.6 31.0





#79

Terphenyl-d14

Concen: 99.396 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140541.D

Acq: 21 Nov 2024 17:55

Instrument :

BNA_F

ClientSampleId :

MH-760

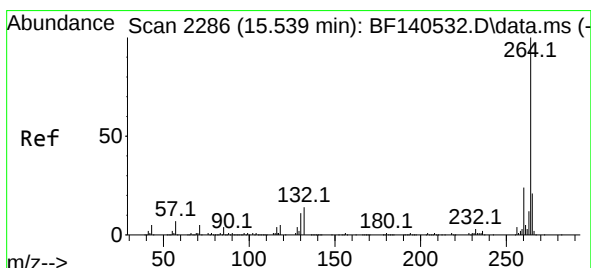
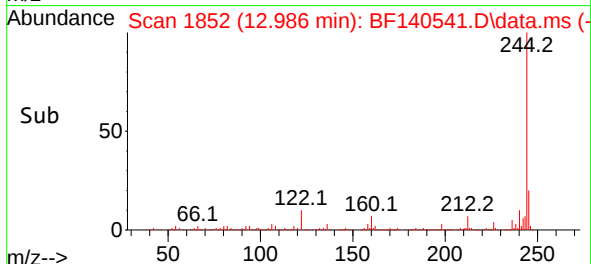
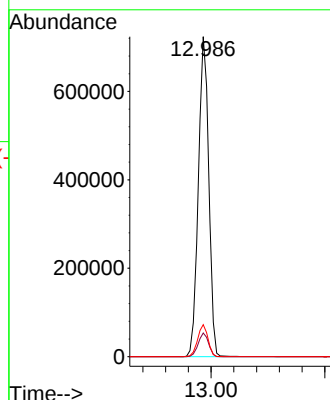
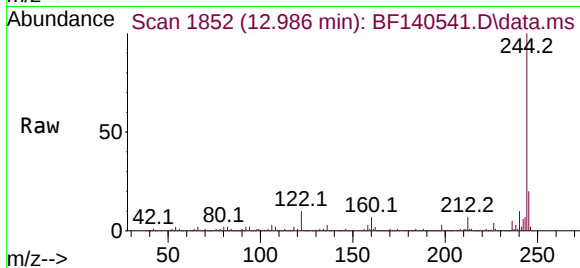
Tgt Ion:244 Resp: 925591

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 10.0 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: BF140541.D

Acq: 21 Nov 2024 17:55

Tgt Ion:264 Resp: 49927

Ion Ratio Lower Upper

264 100

260 27.4 19.0 28.6

265 22.3 16.6 25.0

