

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126935.D
 Acq On : 17 Feb 2022 19:16
 Operator : CG\JU
 Sample : N1573-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Feb 18 03:45:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:55:48 2022
 Response via : Initial Calibration

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

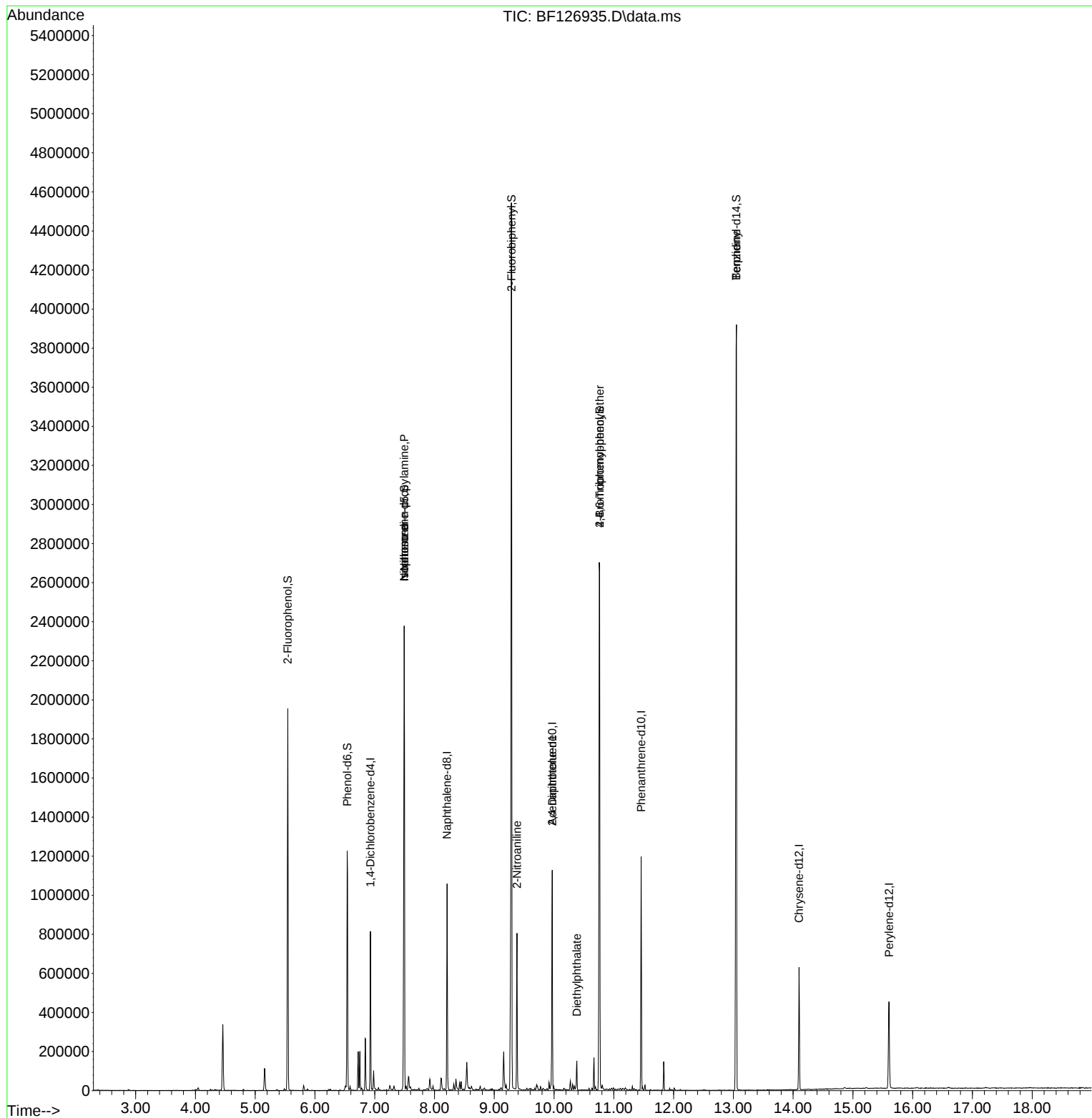
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	94023	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	384189	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	194760	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	350645	20.000	ng	# 0.00
76) Chrysene-d12	14.098	240	184846	20.000	ng	#-0.01
86) Perylene-d12	15.604	264	186104	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.546	112	449462	73.884	ng	0.00
7) Phenol-d6	6.540	99	378546	46.116	ng	-0.02
23) Nitrobenzene-d5	7.492	82	823976	96.807	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	338883	151.125	ng	0.00
45) 2-Fluorobiphenyl	9.286	172	1283076	96.985	ng	0.00
79) Terphenyl-d14	13.051	244	1384708	110.123	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.492	70	112482	21.266	ng	# 79
25) Isophorone	7.492	82	821806	58.349	ng	# 69
48) 2-Nitroaniline	9.381	65	12732	2.820	ng	# 19
57) 2,4-Dinitrotoluene	9.969	165	25410	6.635	ng	# 15
60) Diethylphthalate	10.381	149	43967	3.023	ng	# 98
67) 4-Bromophenyl-phenylether	10.763	248	20428	5.214	ng	# 1
77) Benzidine	13.051	184	20321	4.045	ng	# 93

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

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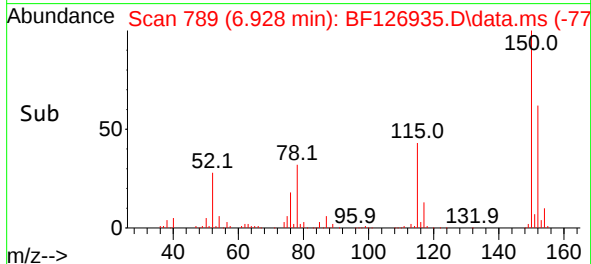
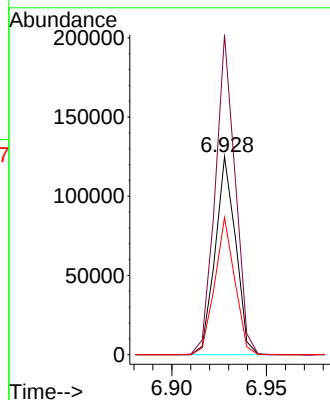
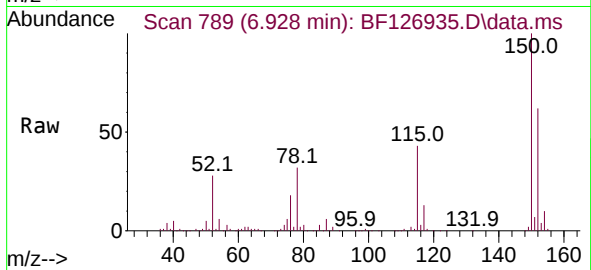




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.928 min Scan# 71
Delta R.T. -0.005 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

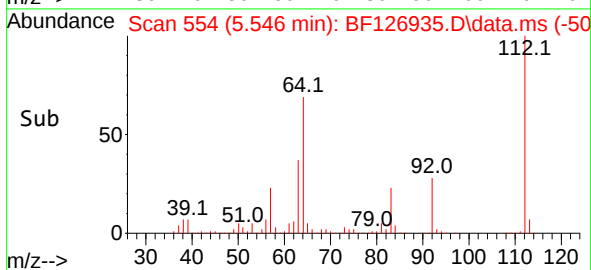
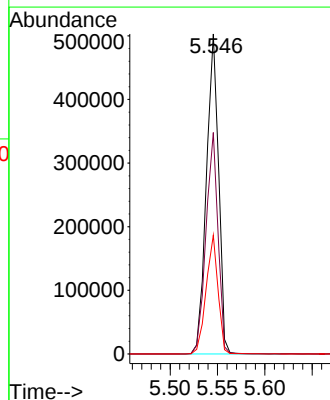
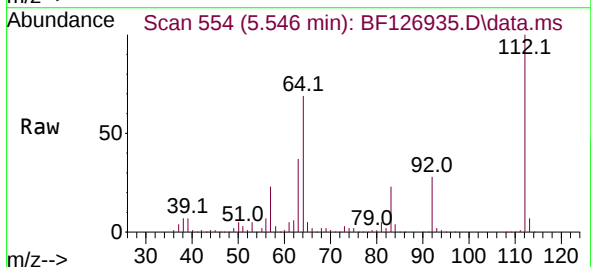
Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:152 Resp: 94023
Ion Ratio Lower Upper
152 100
150 161.5 128.1 192.1
115 69.3 56.7 85.1



#5
2-Fluorophenol
Concen: 73.884 ng
RT: 5.546 min Scan# 554
Delta R.T. 0.000 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

Tgt Ion:112 Resp: 449462
Ion Ratio Lower Upper
112 100
64 69.2 49.5 74.3
63 37.1 23.9 35.9#

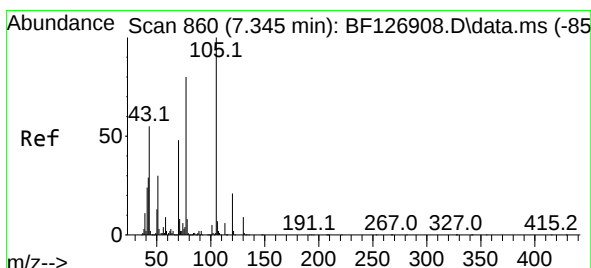
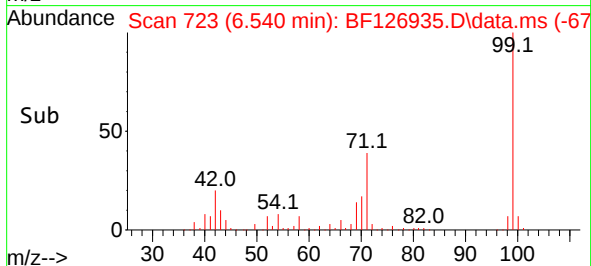
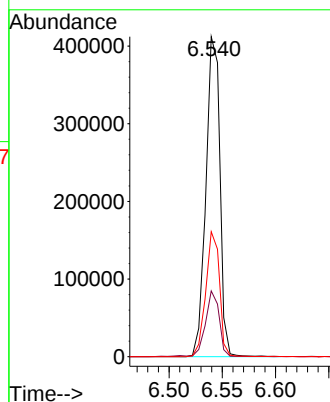
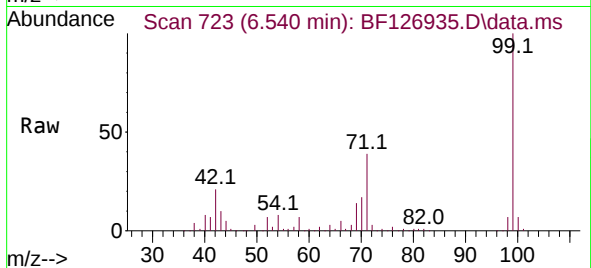




#7
Phenol-d6
Concen: 46.116 ng
RT: 6.540 min Scan# 71
Delta R.T. -0.017 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

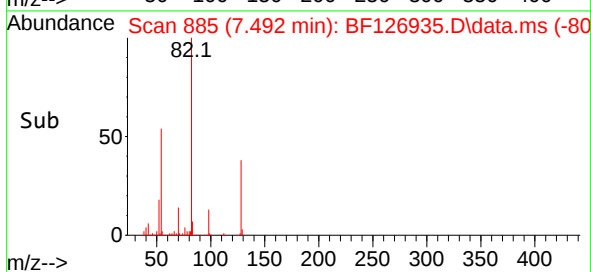
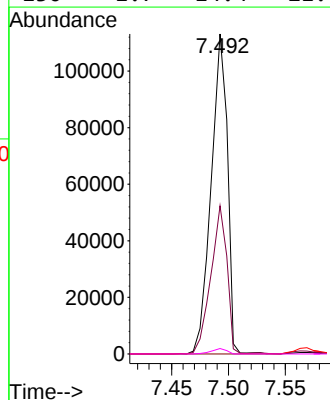
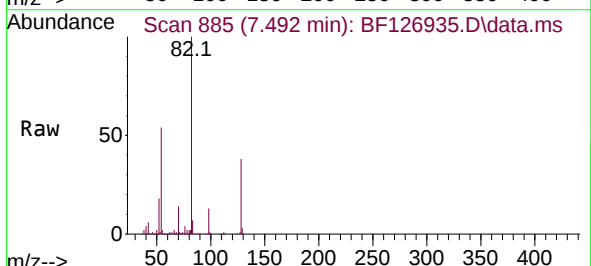
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BNA_F
ClientSampleId :
MW-12

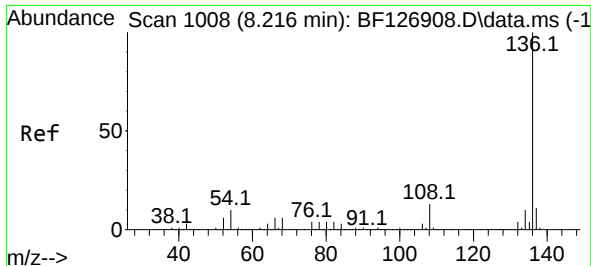
Tgt Ion: 99 Resp: 378546
Ion Ratio Lower Upper
99 100
42 20.6 14.2 21.4
71 39.1 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 21.266 ng
RT: 7.492 min Scan# 885
Delta R.T. 0.147 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

Tgt Ion: 70 Resp: 112482
Ion Ratio Lower Upper
70 100
42 46.3 45.8 68.8
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

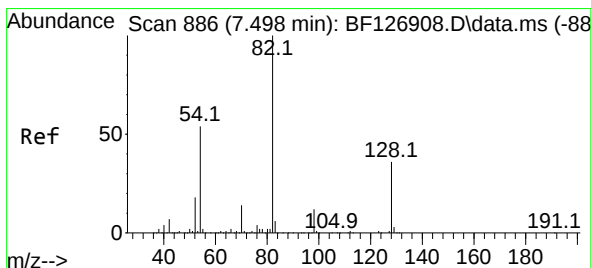
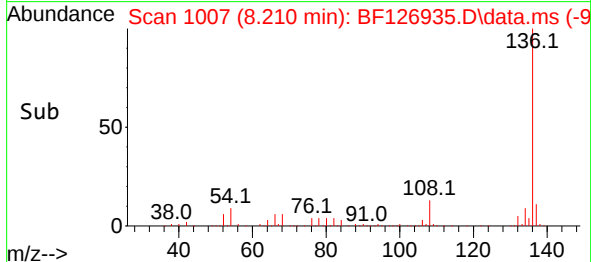
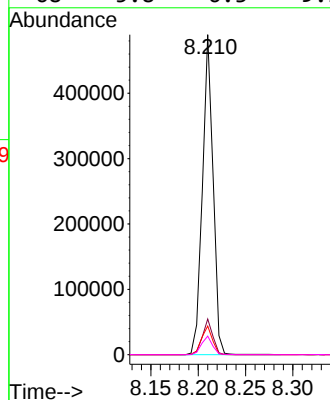
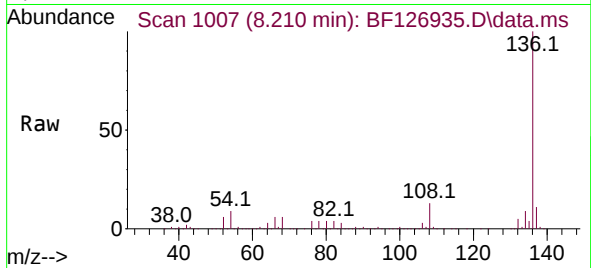




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

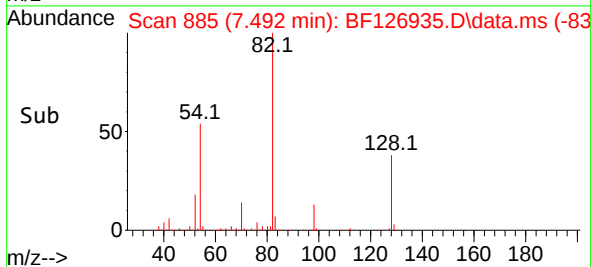
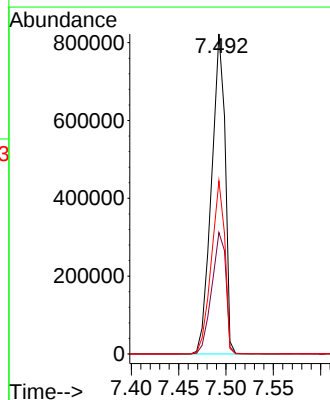
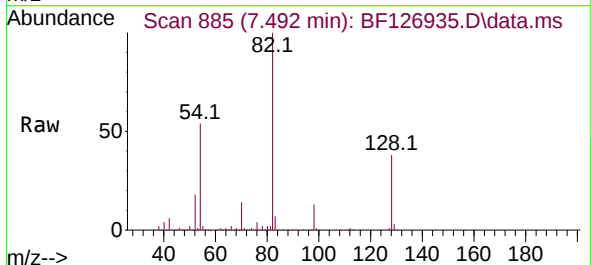
Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:136 Resp: 384189
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 8.9 7.8 11.6
68 5.8 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 96.807 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

Tgt Ion: 82 Resp: 823976
Ion Ratio Lower Upper
82 100
128 38.0 32.7 49.1
54 54.1 41.7 62.5

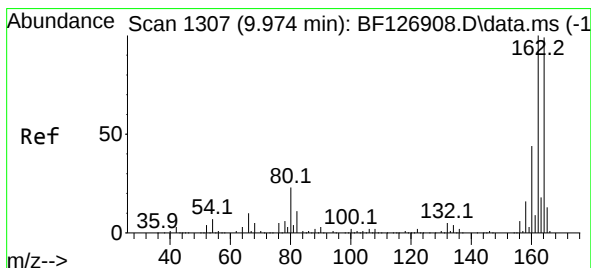
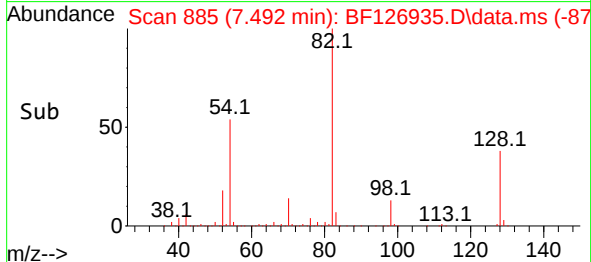
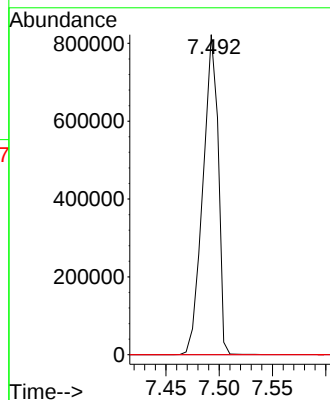
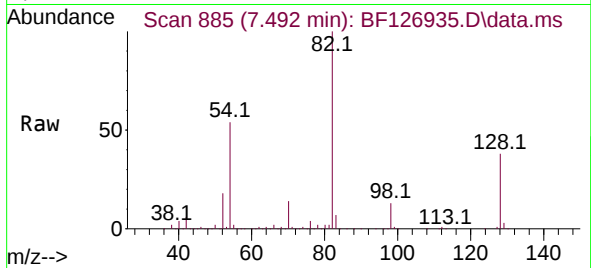




#25
Isophorone
Concen: 58.349 ng
RT: 7.492 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

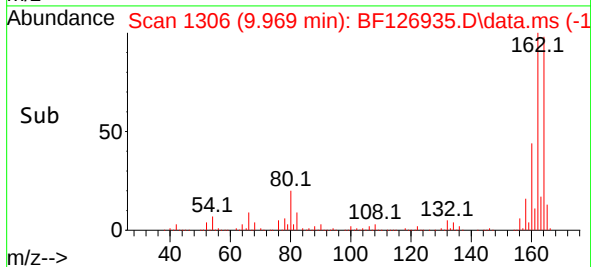
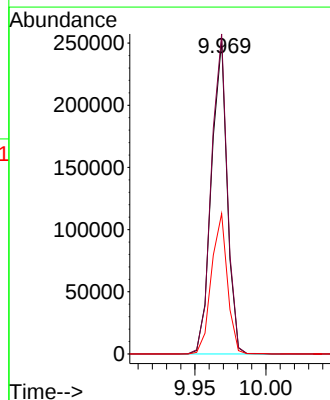
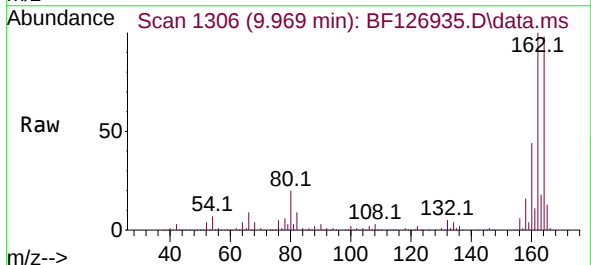
Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion: 82 Resp: 821806
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

Tgt Ion: 164 Resp: 194760
Ion Ratio Lower Upper
164 100
162 102.0 81.4 122.0
160 44.7 36.6 54.8

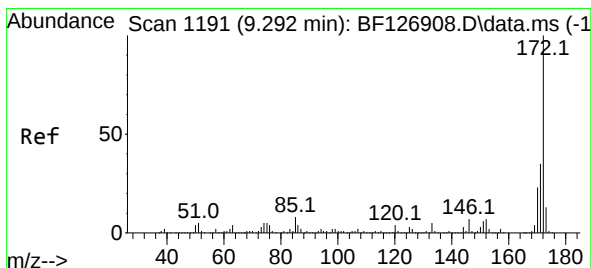
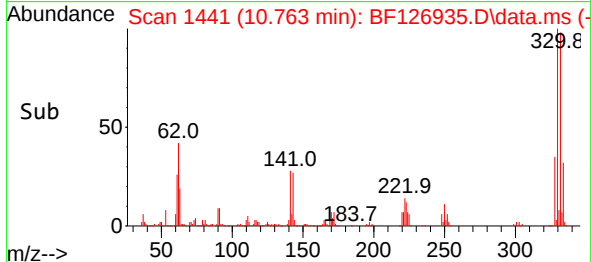
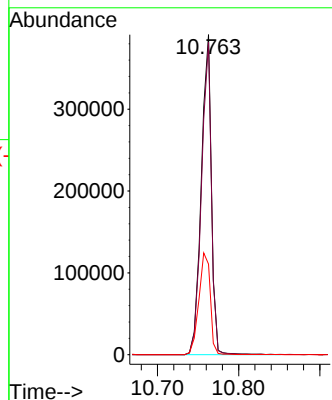
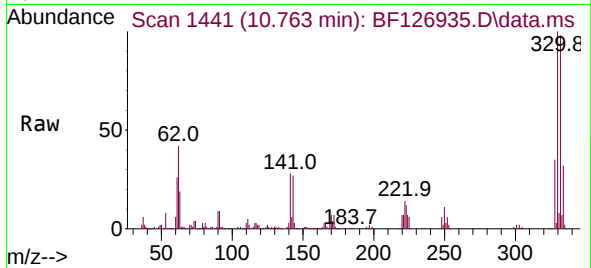




#42
2,4,6-Tribromophenol
Concen: 151.125 ng
RT: 10.763 min Scan# 1442
Delta R.T. -0.006 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

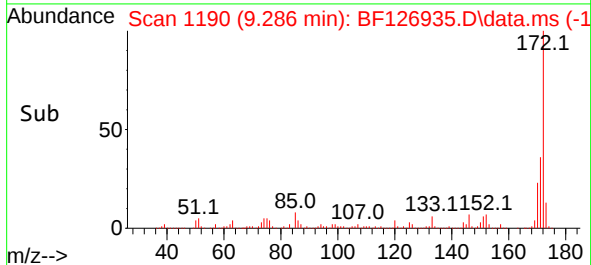
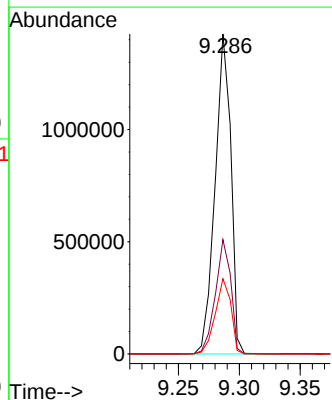
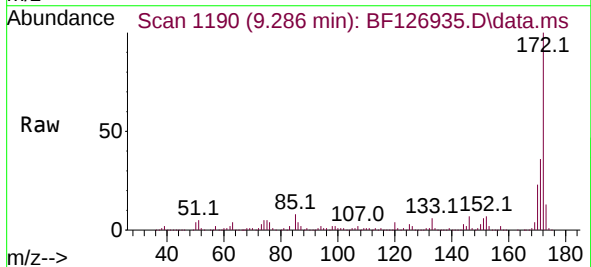
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ClientSampleId :
MW-12

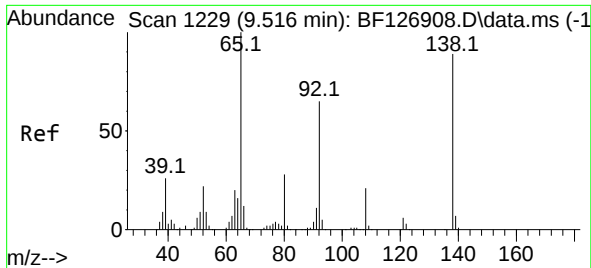
Tgt Ion:330 Resp: 338883
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 36.0 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 96.985 ng
RT: 9.286 min Scan# 1190
Delta R.T. -0.006 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

Tgt Ion:172 Resp: 1283076
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.5 19.0 28.6

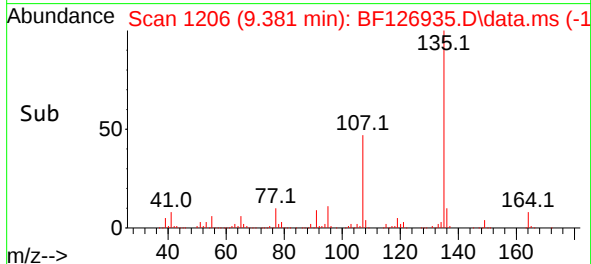
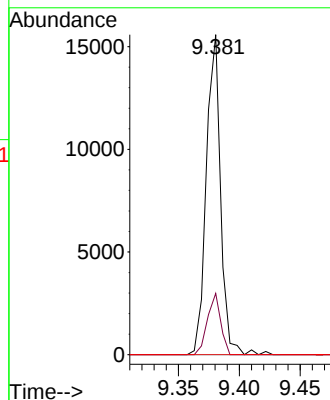
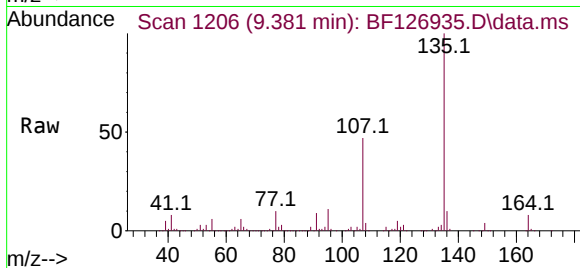




#48
2-Nitroaniline
Concen: 2.820 ng
RT: 9.381 min Scan# 11
Delta R.T. -0.135 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

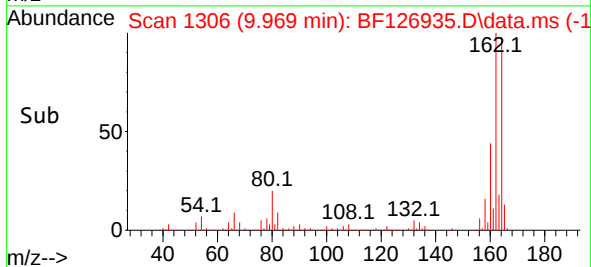
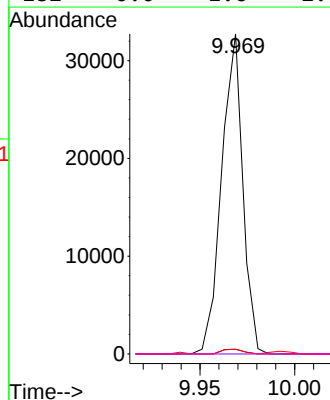
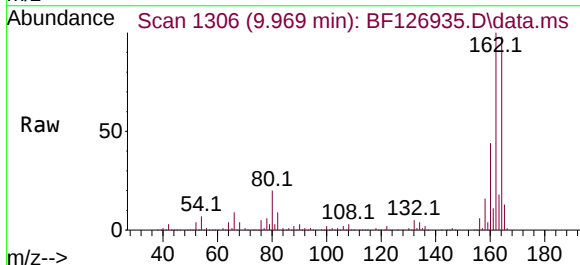
Instrument :
BNA_F
ClientSampleId :
MW-12

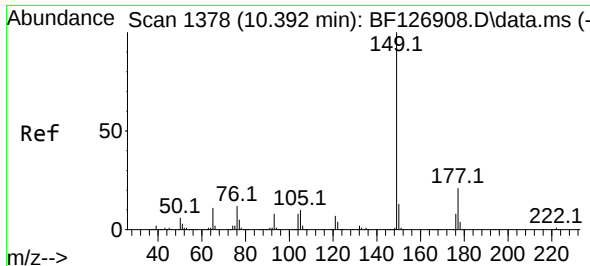
Tgt Ion: 65 Resp: 12732
Ion Ratio Lower Upper
65 100
92 19.1 54.4 81.6#
138 0.0 72.5 108.7#



#57
2,4-Dinitrotoluene
Concen: 6.635 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

Tgt Ion: 165 Resp: 25410
Ion Ratio Lower Upper
165 100
63 1.5 43.0 64.6#
89 1.5 71.0 106.4#
182 0.0 1.6 2.4#

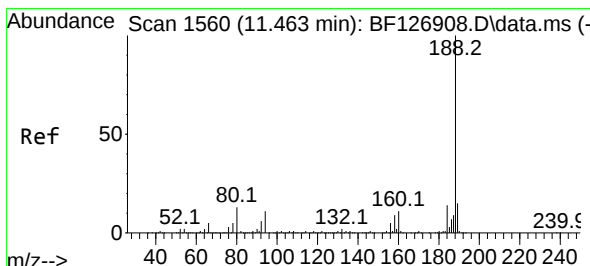
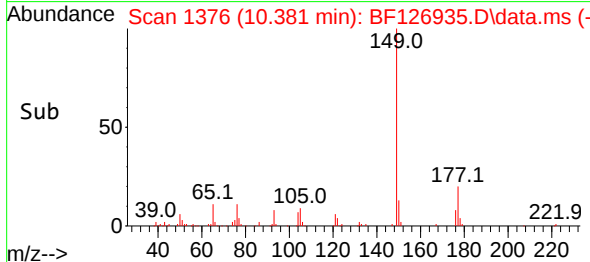
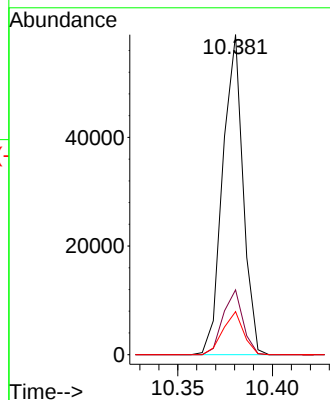
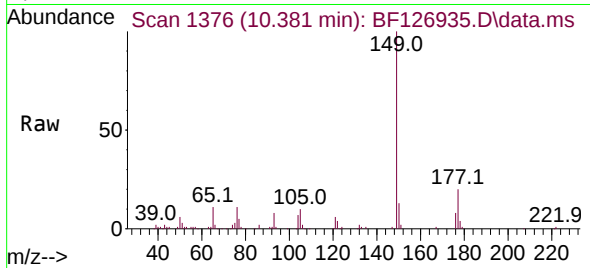




#60
Diethylphthalate
Concen: 3.023 ng
RT: 10.381 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

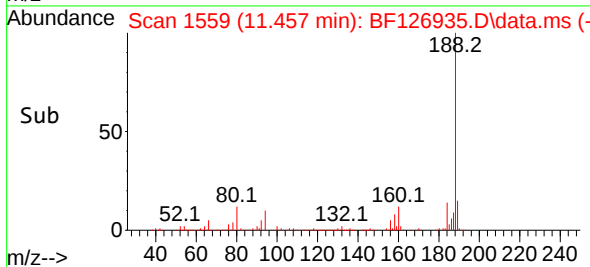
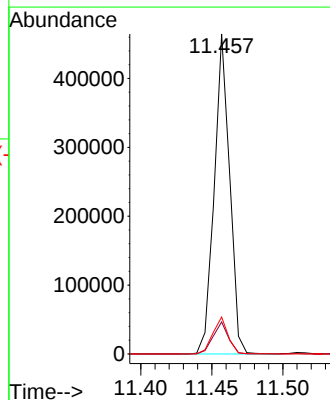
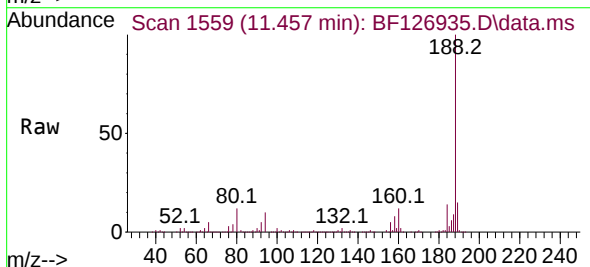
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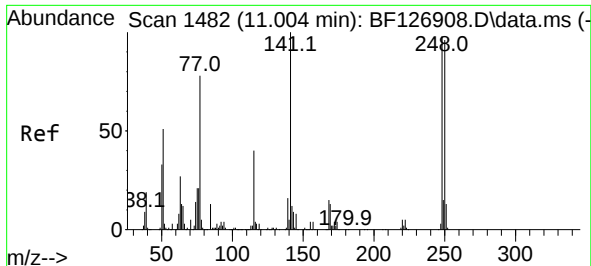
Tgt Ion:149 Resp: 43967
Ion Ratio Lower Upper
149 100
177 20.2 16.7 25.1
150 13.4 9.8 14.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

Tgt Ion:188 Resp: 350645
Ion Ratio Lower Upper
188 100
94 10.0 10.1 15.1#
80 11.5 11.8 17.6#

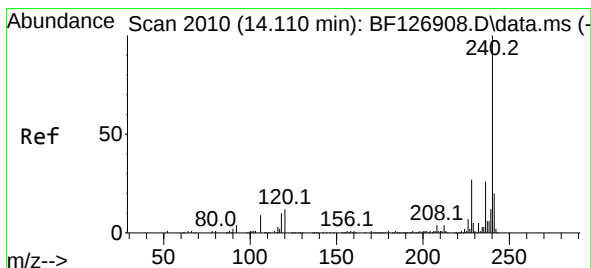
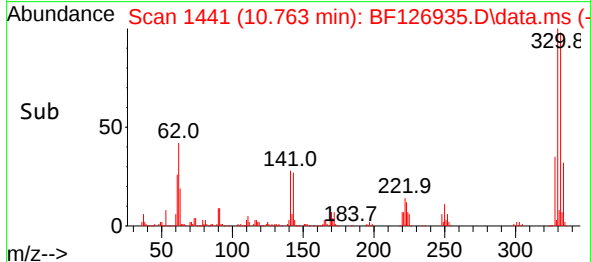
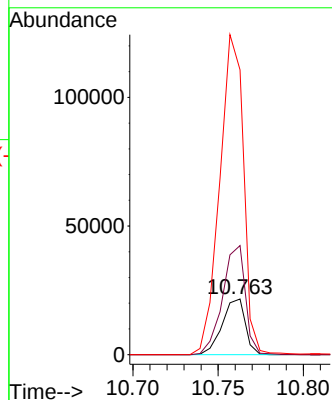
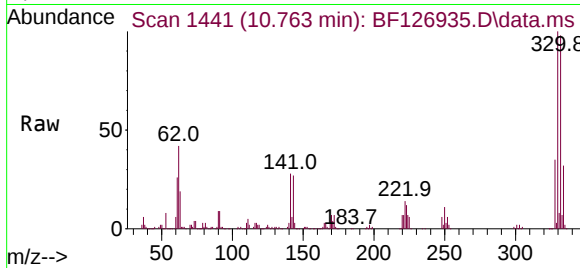




#67
4-Bromophenyl-phenylether
Concen: 5.214 ng
RT: 10.763 min Scan# 1482
Delta R.T. -0.241 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

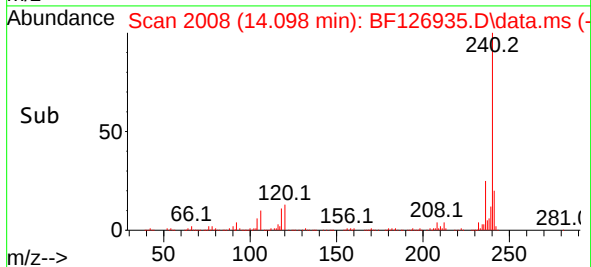
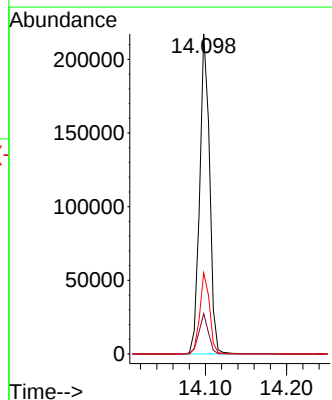
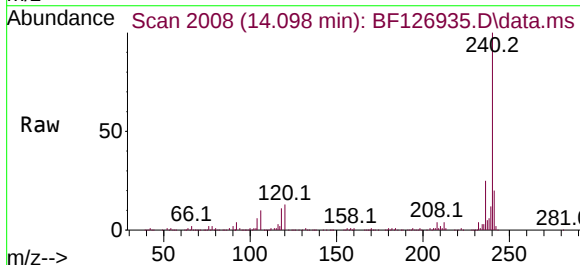
Instrument :
BNA_F
ClientSampleId :
MW-12

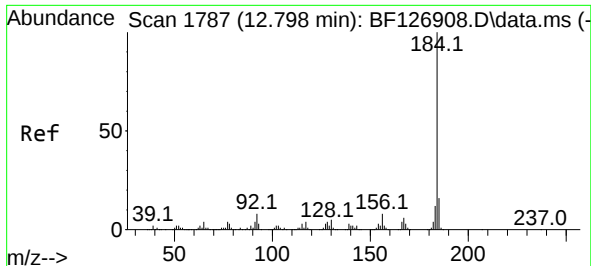
Tgt Ion:248 Resp: 20428
Ion Ratio Lower Upper
248 100
250 195.6 76.2 114.4#
141 510.7 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

Tgt Ion:240 Resp: 184846
Ion Ratio Lower Upper
240 100
120 12.6 14.4 21.6#
236 25.4 20.5 30.7

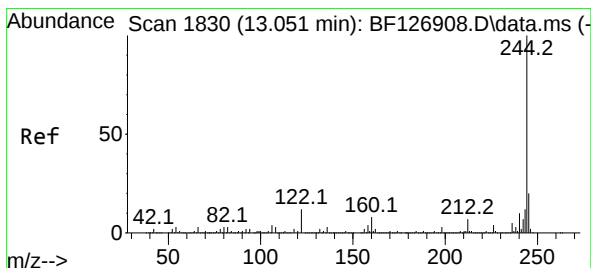
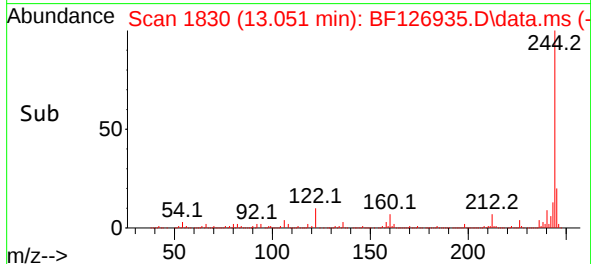
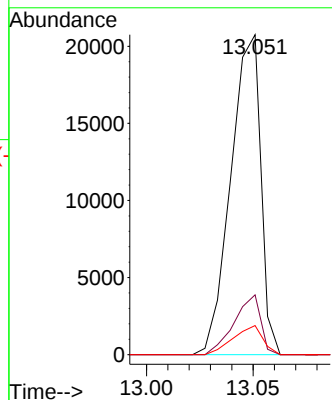
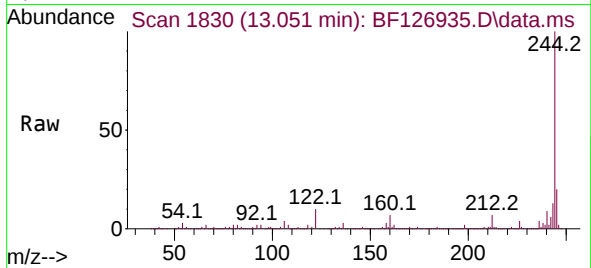




#77
Benzidine
Concen: 4.045 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.253 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

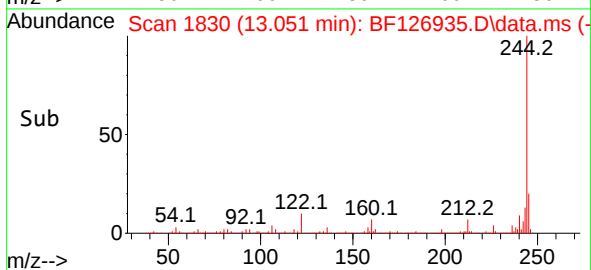
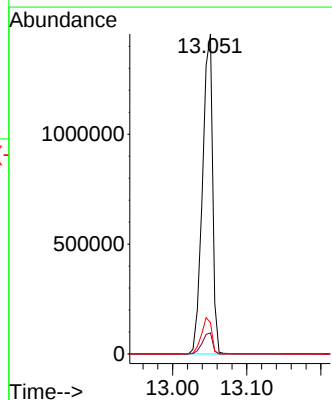
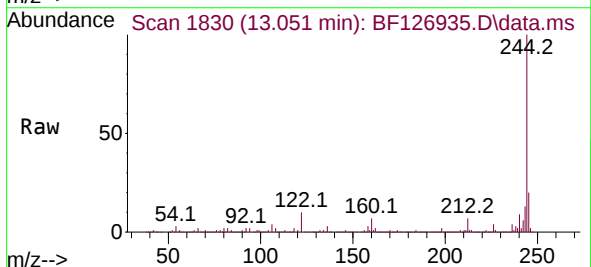
Instrument :
BNA_F
ClientSampleId :
MW-12

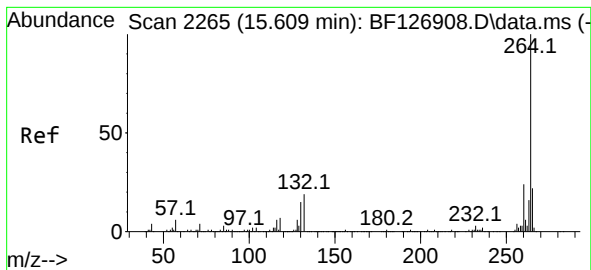
Tgt Ion:184 Resp: 20321
Ion Ratio Lower Upper
184 100
185 18.7 11.8 17.8#
183 9.1 8.2 12.2



#79
Terphenyl-d14
Concen: 110.123 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF126935.D
Acq: 17 Feb 2022 19:16

Tgt Ion:244 Resp: 1384708
Ion Ratio Lower Upper
244 100
212 6.6 5.0 7.4
122 9.8 13.3 19.9#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.604 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF126935.D

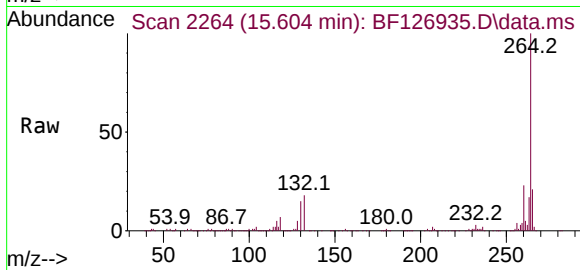
Acq: 17 Feb 2022 19:16

Instrument :

BNA_F

ClientSampleId :

MW-12



Tgt Ion:264 Resp: 186104

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.4 17.4 26.2

