

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021722\
 Data File : BF126936.D
 Acq On : 17 Feb 2022 19:45
 Operator : CG\JU
 Sample : N1573-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13R

Quant Time: Feb 18 03:45:23 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)

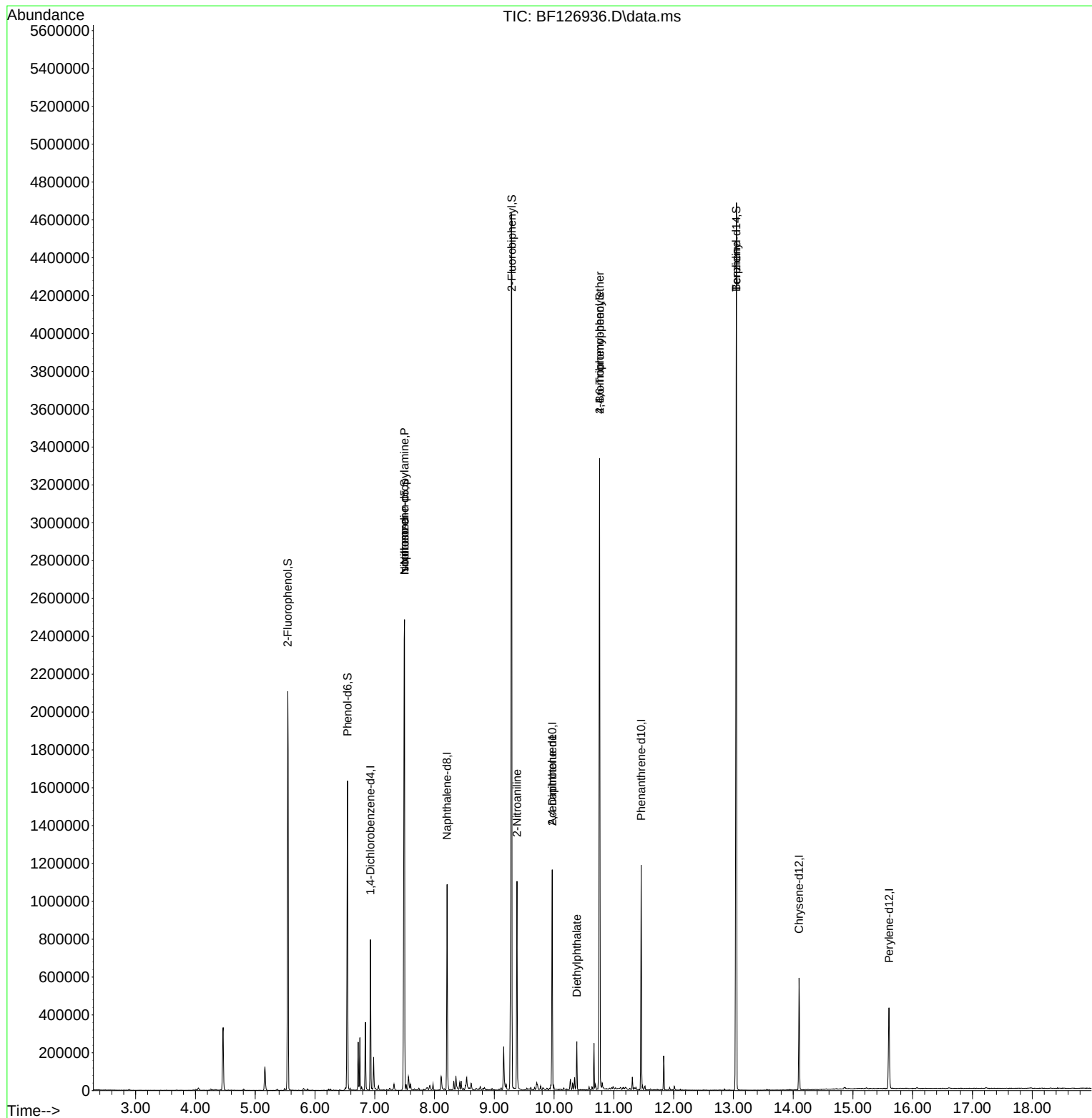
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	95693	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	394964	20.000	ng	# 0.00
39) Acenaphthene-d10	9.969	164	203101	20.000	ng	0.00
64) Phenanthrene-d10	11.457	188	353030	20.000	ng	0.00
76) Chrysene-d12	14.098	240	181711	20.000	ng	#-0.01
86) Perylene-d12	15.604	264	184005	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.545	112	528409	85.345	ng	0.00
7) Phenol-d6	6.545	99	479422	57.385	ng	-0.01
23) Nitrobenzene-d5	7.498	82	939722	107.393	ng	0.00
42) 2,4,6-Tribromophenol	10.763	330	395952	169.324	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1476949	107.055	ng	0.00
79) Terphenyl-d14	13.051	244	1551840	125.544	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.498	70	130640	24.267	ng	# 78
25) Isophorone	7.498	82	937888	64.774	ng	# 69
48) 2-Nitroaniline	9.380	65	17703	3.760	ng	# 18
57) 2,4-Dinitrotoluene	9.969	165	26373	6.604	ng	# 15
60) Diethylphthalate	10.380	149	72475	4.778	ng	99
67) 4-Bromophenyl-phenylether	10.763	248	22618	5.734	ng	# 1
77) Benzidine	13.051	184	22594	4.575	ng	98

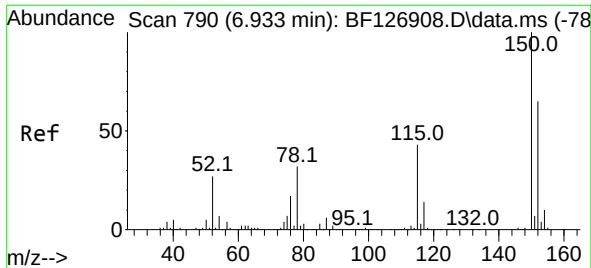
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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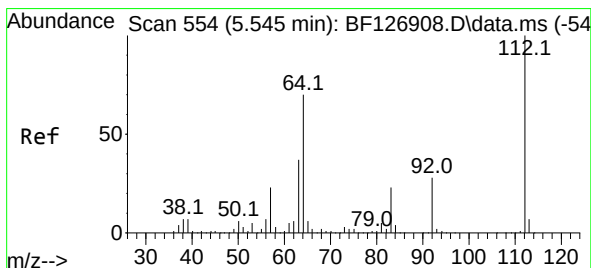
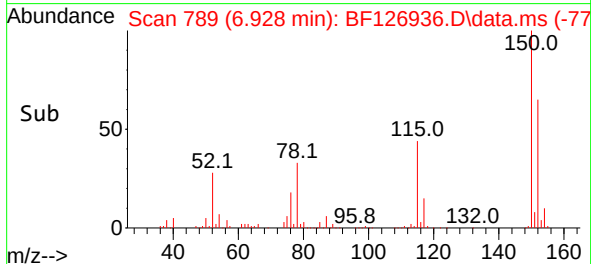
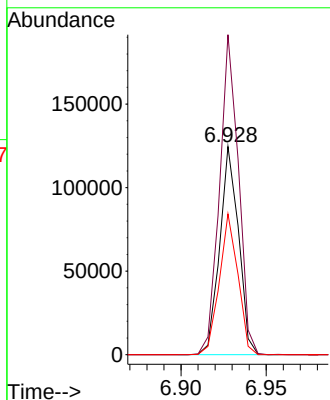
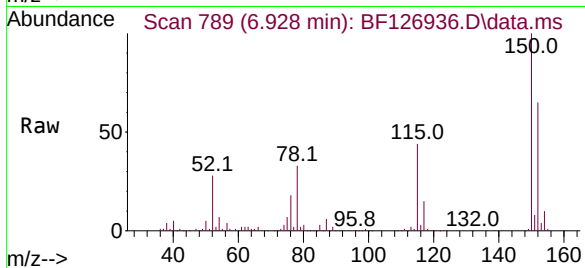




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.928 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF126936.D
 Acq: 17 Feb 2022 19:45

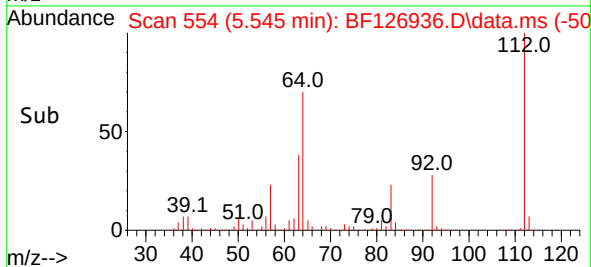
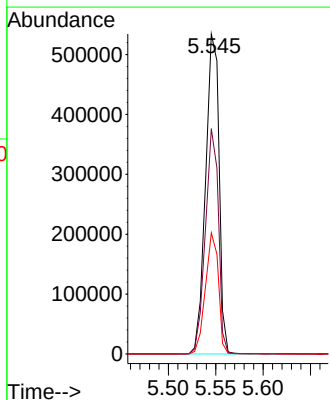
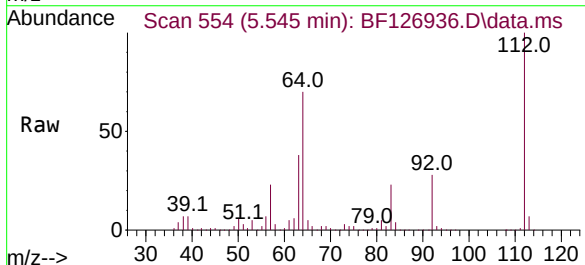
Instrument :
 BNA_F
 ClientSampleId :
 MW-13R

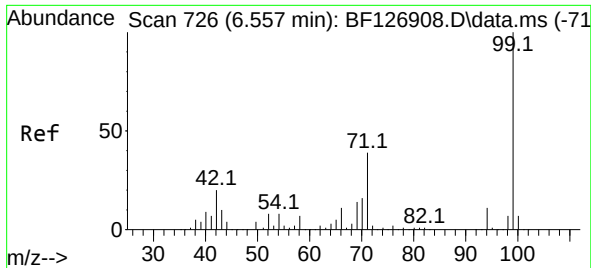
Tgt Ion:152 Resp: 95693
 Ion Ratio Lower Upper
 152 100
 150 153.7 128.1 192.1
 115 67.7 56.7 85.1



#5
 2-Fluorophenol
 Concen: 85.345 ng
 RT: 5.545 min Scan# 554
 Delta R.T. -0.000 min
 Lab File: BF126936.D
 Acq: 17 Feb 2022 19:45

Tgt Ion:112 Resp: 528409
 Ion Ratio Lower Upper
 112 100
 64 70.4 49.5 74.3
 63 37.8 23.9 35.9#

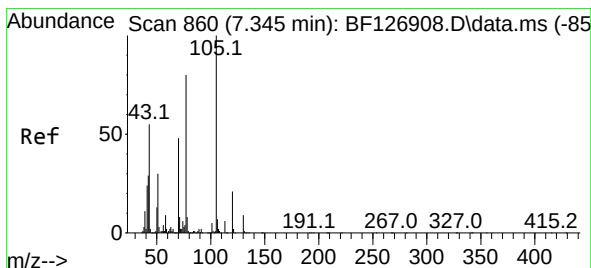
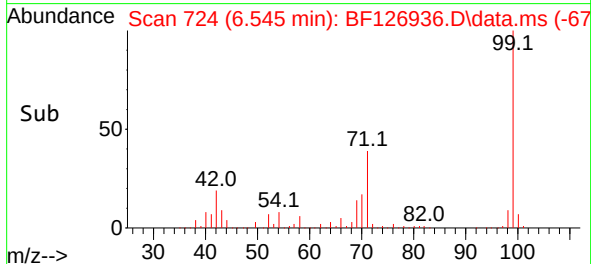
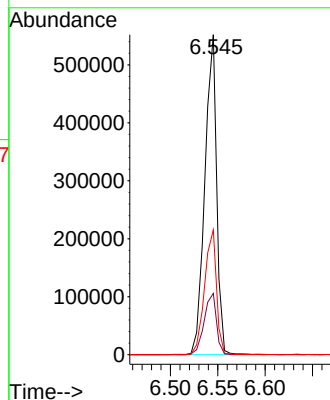
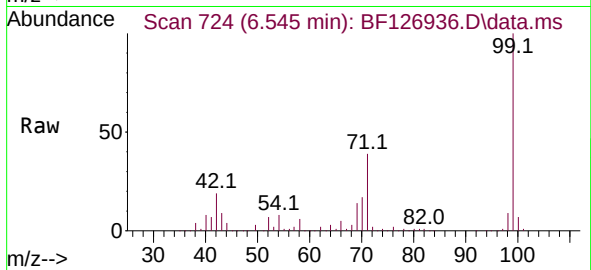




#7
Phenol-d6
Concen: 57.385 ng
RT: 6.545 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

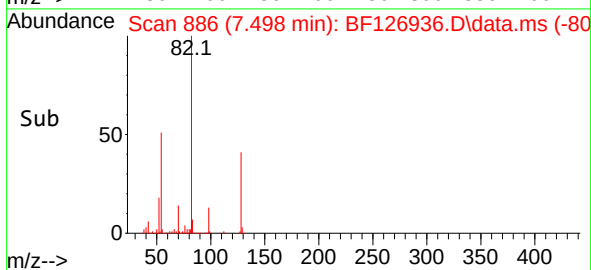
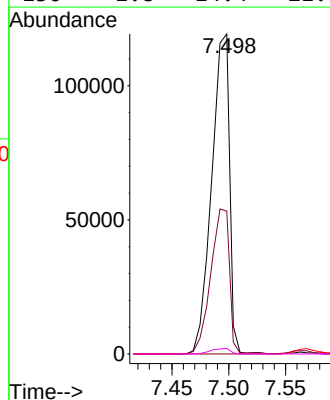
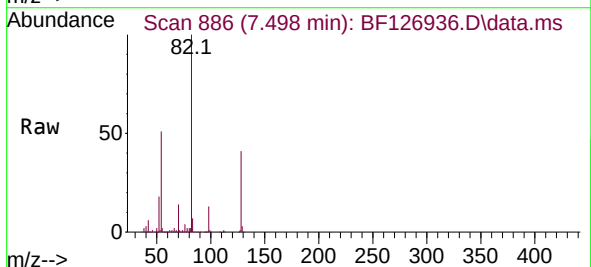
Instrument :
BNA_F
ClientSampleId :
MW-13R

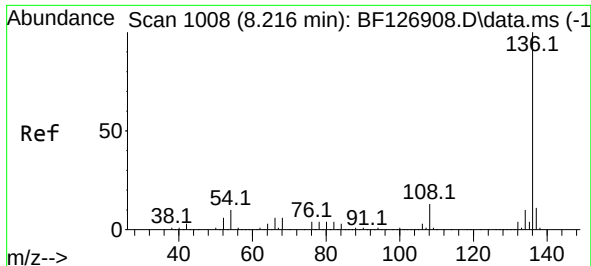
Tgt Ion: 99 Resp: 479422
Ion Ratio Lower Upper
99 100
42 19.2 14.2 21.4
71 39.0 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 24.267 ng
RT: 7.498 min Scan# 886
Delta R.T. 0.153 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

Tgt Ion: 70 Resp: 130640
Ion Ratio Lower Upper
70 100
42 44.6 45.8 68.8#
101 0.0 6.9 10.3#
130 1.8 14.4 21.6#

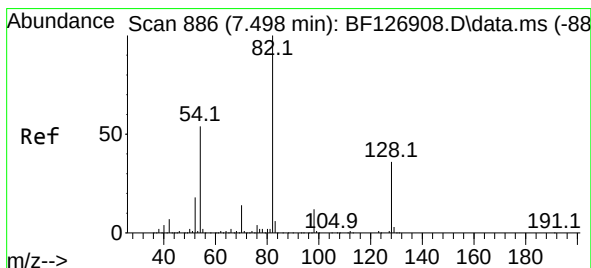
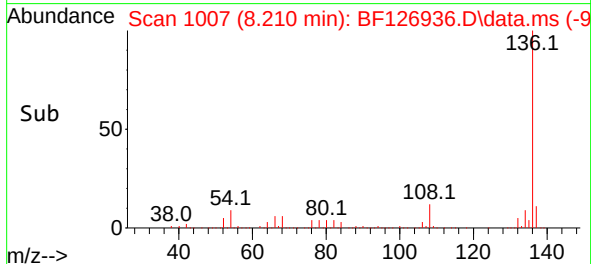
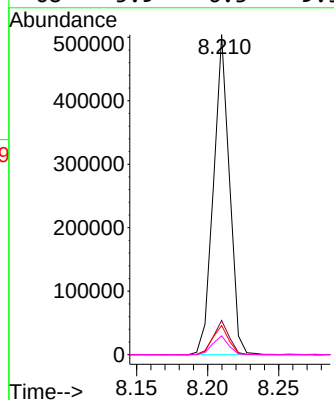
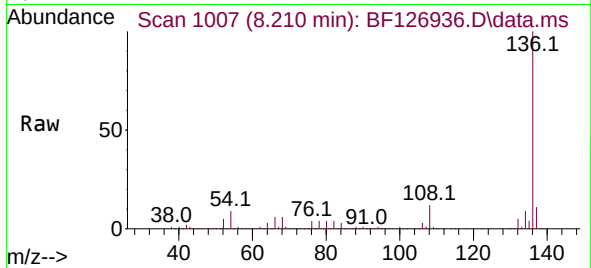




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.210 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

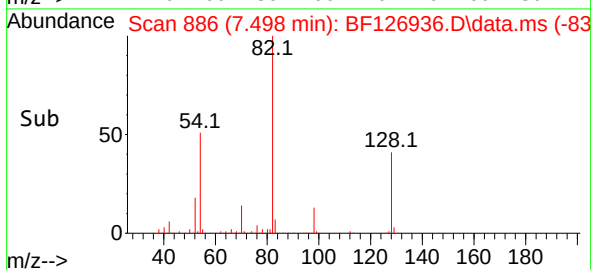
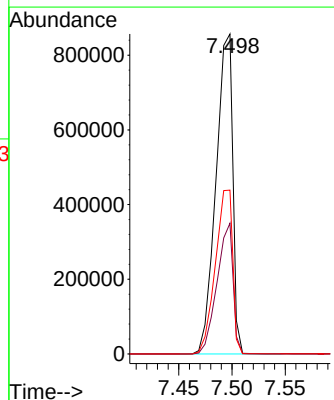
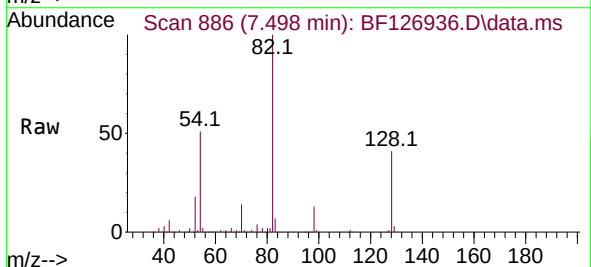
Instrument :
BNA_F
ClientSampleId :
MW-13R

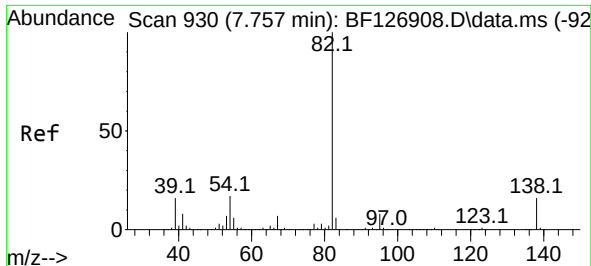
Tgt Ion:136 Resp: 394964
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.1 7.8 11.6
68 5.9 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 107.393 ng
RT: 7.498 min Scan# 886
Delta R.T. -0.000 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

Tgt Ion: 82 Resp: 939722
Ion Ratio Lower Upper
82 100
128 40.8 32.7 49.1
54 51.2 41.7 62.5

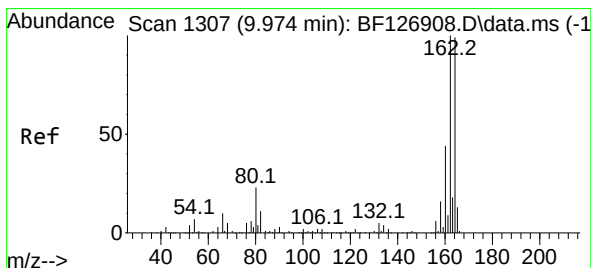
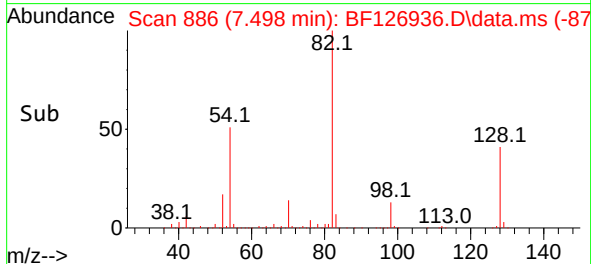
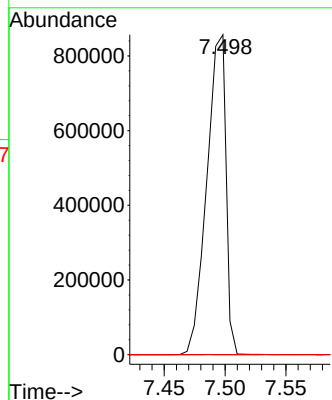
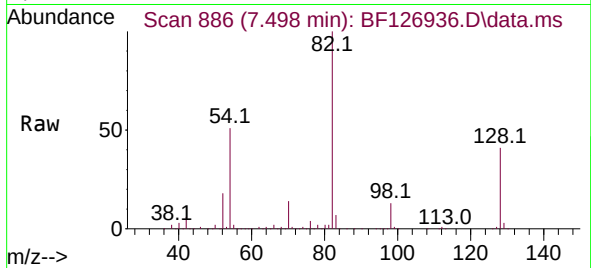




#25
Isophorone
Concen: 64.774 ng
RT: 7.498 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

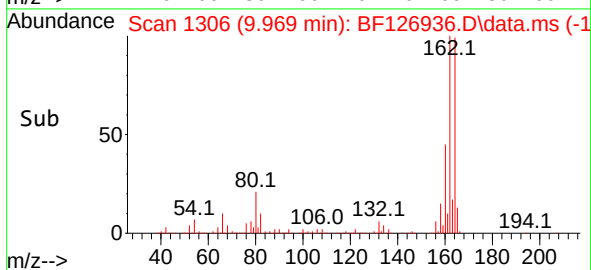
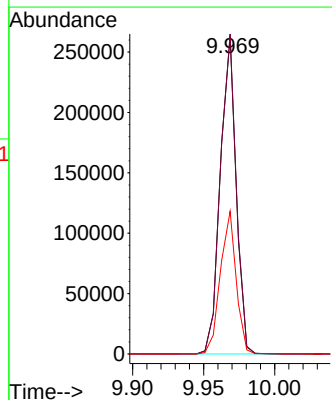
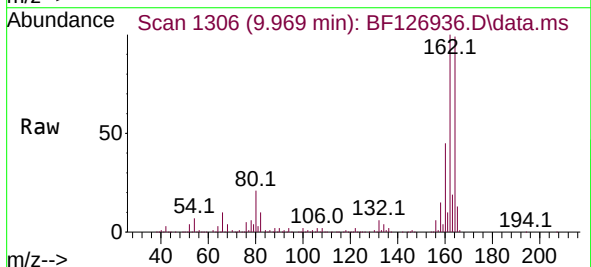
Instrument :
BNA_F
ClientSampleId :
MW-13R

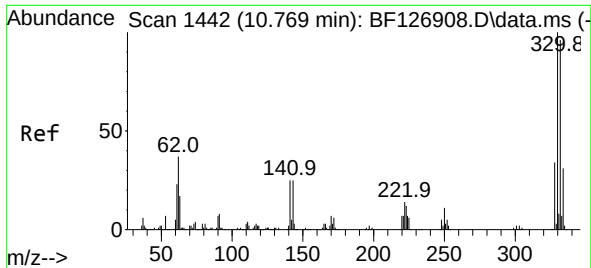
Tgt Ion: 82 Resp: 937888
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.006 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

Tgt Ion:164 Resp: 203101
Ion Ratio Lower Upper
164 100
162 100.7 81.4 122.0
160 44.9 36.6 54.8

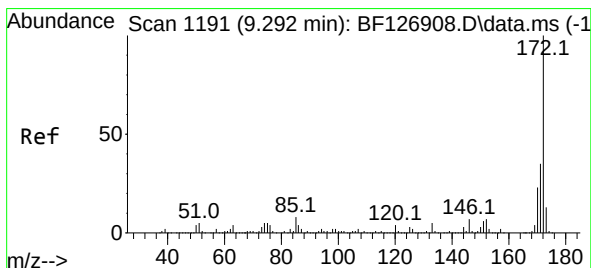
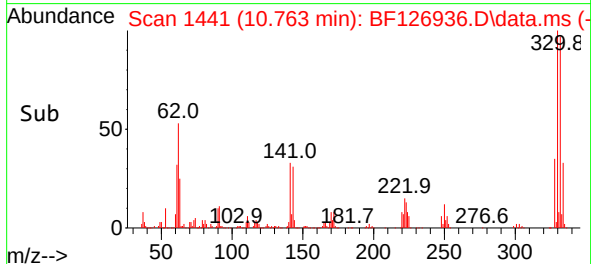
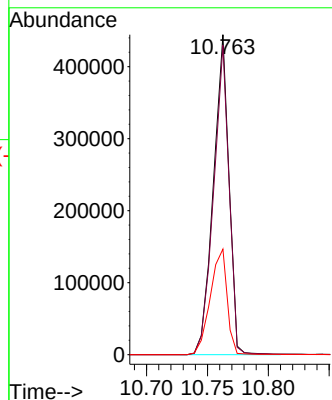
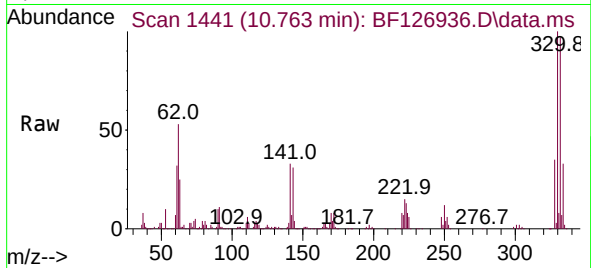




#42
2,4,6-Tribromophenol
Concen: 169.324 ng
RT: 10.763 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

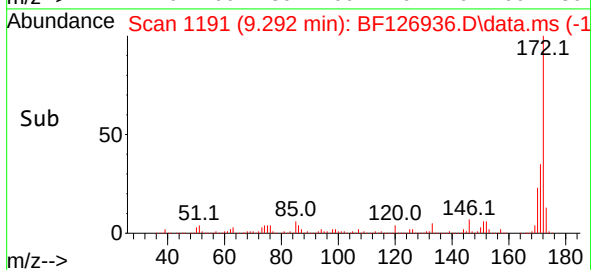
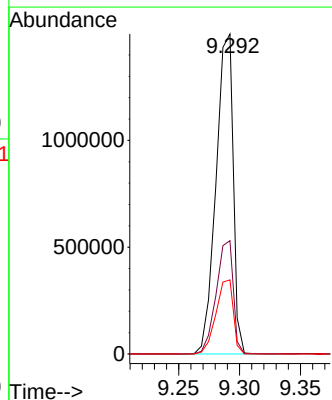
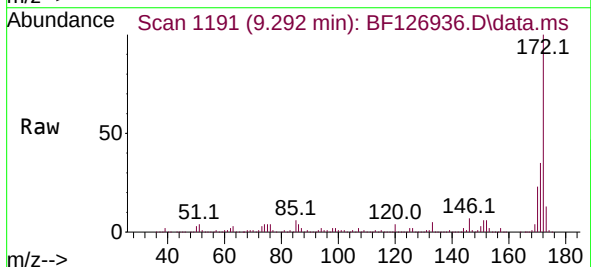
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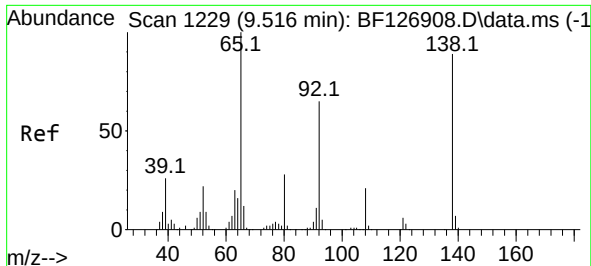
Tgt Ion:330 Resp: 395952
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 35.7 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 107.055 ng
RT: 9.292 min Scan# 1191
Delta R.T. -0.000 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

Tgt Ion:172 Resp: 1476949
Ion Ratio Lower Upper
172 100
171 35.4 28.3 42.5
170 23.2 19.0 28.6

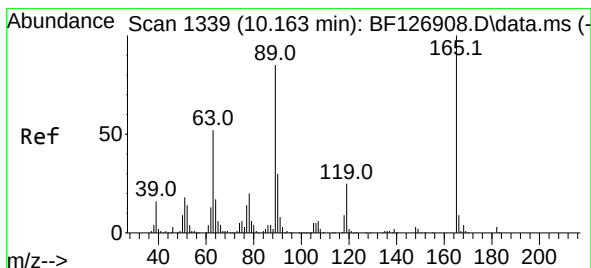
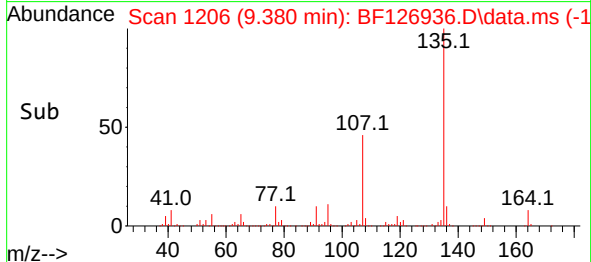
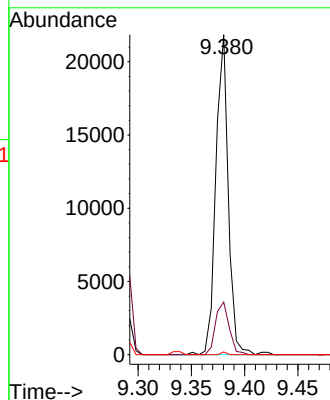
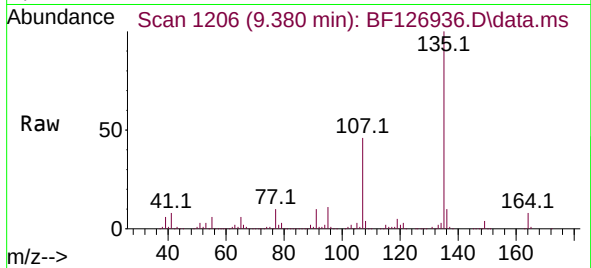




#48
2-Nitroaniline
Concen: 3.760 ng
RT: 9.380 min Scan# 11
Delta R.T. -0.135 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

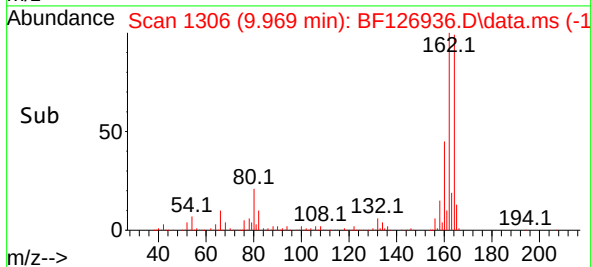
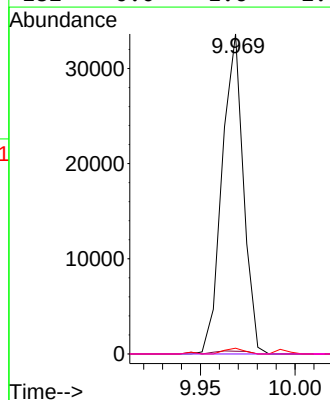
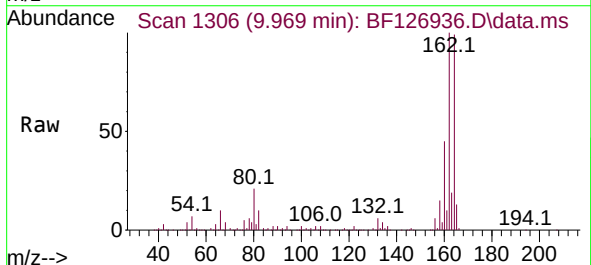
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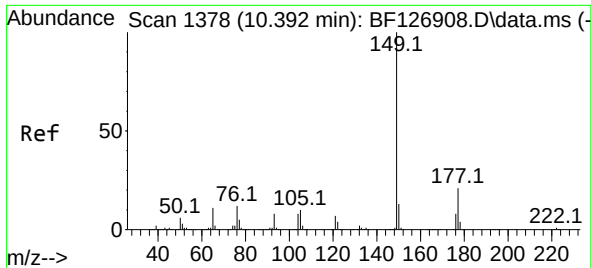
Tgt Ion: 65 Resp: 17703
Ion Ratio Lower Upper
65 100
92 16.5 54.4 81.6#
138 0.9 72.5 108.7#



#57
2,4-Dinitrotoluene
Concen: 6.604 ng
RT: 9.969 min Scan# 1306
Delta R.T. -0.194 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

Tgt Ion:165 Resp: 26373
Ion Ratio Lower Upper
165 100
63 0.9 43.0 64.6#
89 1.8 71.0 106.4#
182 0.0 1.6 2.4#

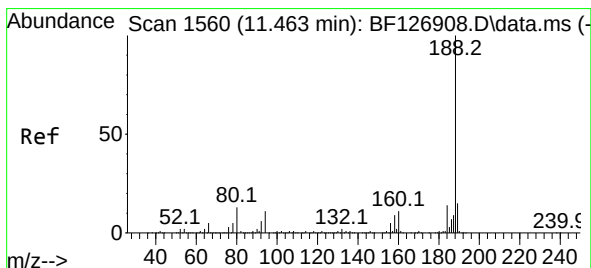
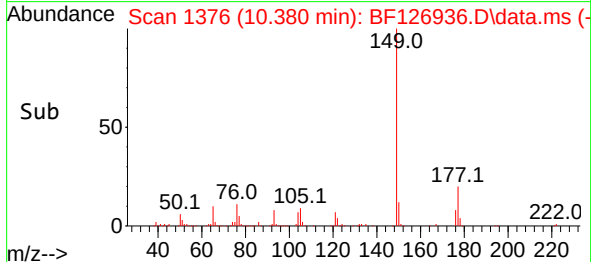
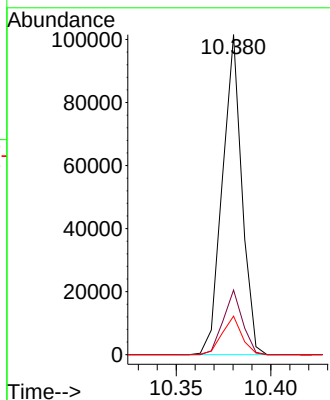
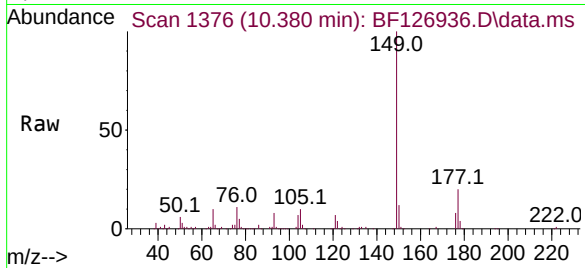




#60
Diethylphthalate
Concen: 4.778 ng
RT: 10.380 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

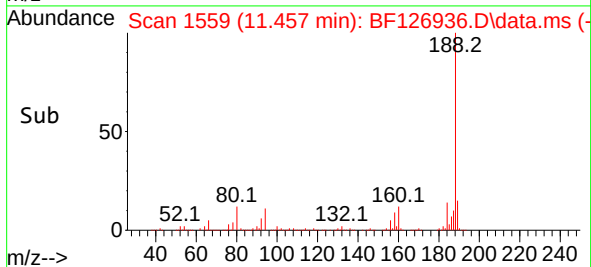
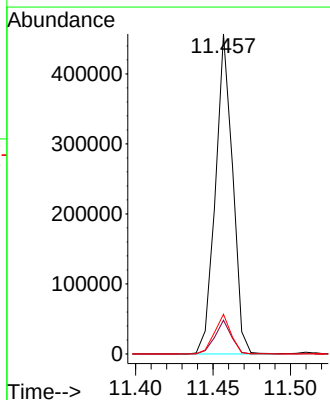
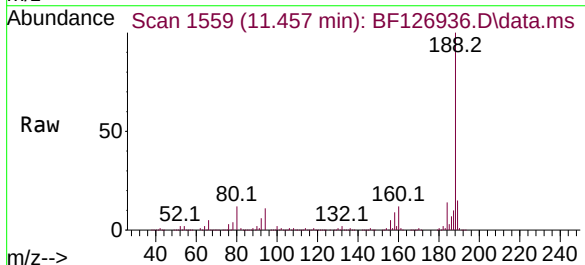
Instrument :
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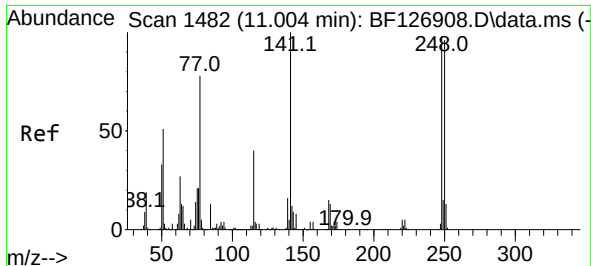
Tgt Ion:149 Resp: 72475
Ion Ratio Lower Upper
149 100
177 20.2 16.7 25.1
150 12.1 9.8 14.8



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.457 min Scan# 1559
Delta R.T. -0.006 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

Tgt Ion:188 Resp: 353030
Ion Ratio Lower Upper
188 100
94 10.5 10.1 15.1
80 12.4 11.8 17.6

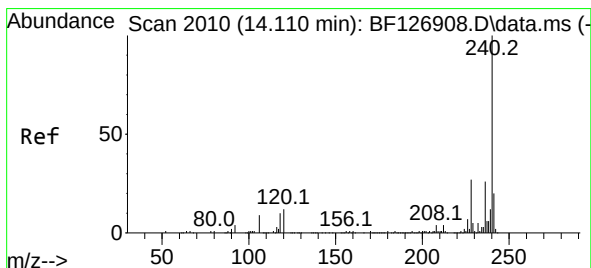
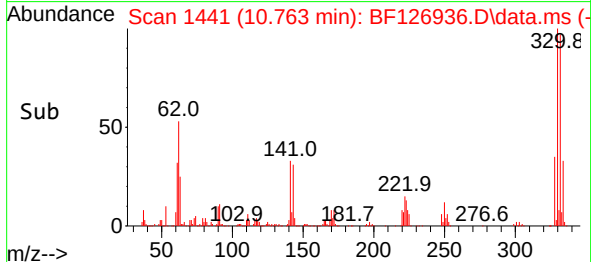
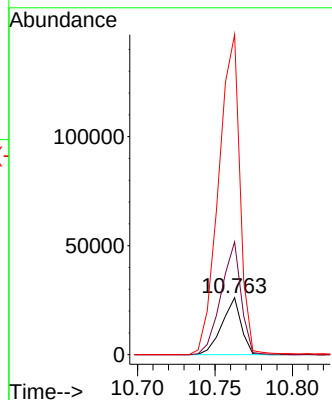
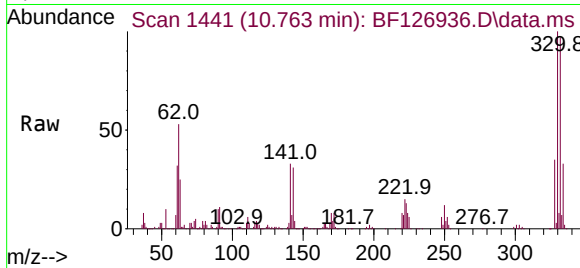




#67
4-Bromophenyl-phenylether
Concen: 5.734 ng
RT: 10.763 min Scan# 14
Delta R.T. -0.241 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

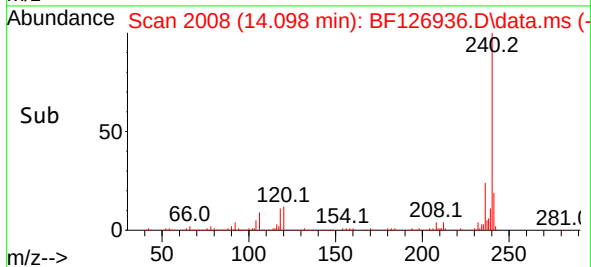
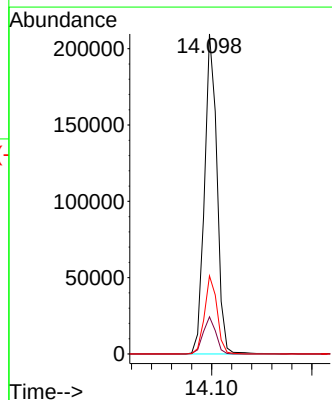
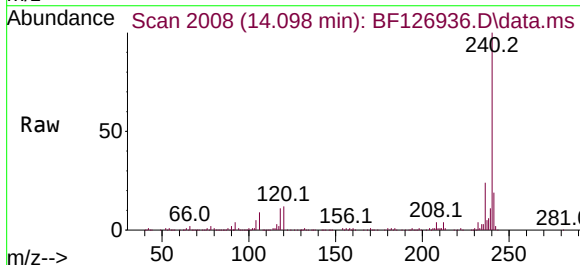
Instrument :
BNA_F
ClientSampleId :
MW-13R

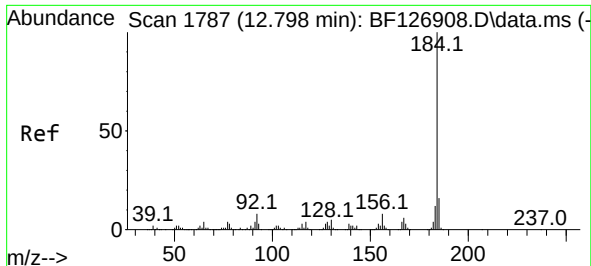
Tgt Ion:248 Resp: 22618
Ion Ratio Lower Upper
248 100
250 197.9 76.2 114.4#
141 561.3 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.098 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

Tgt Ion:240 Resp: 181711
Ion Ratio Lower Upper
240 100
120 11.6 14.4 21.6#
236 24.4 20.5 30.7

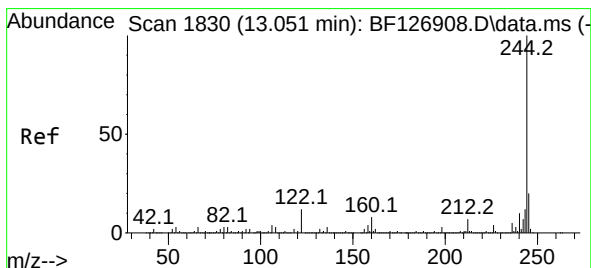
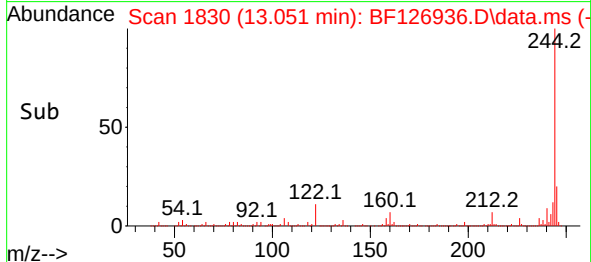
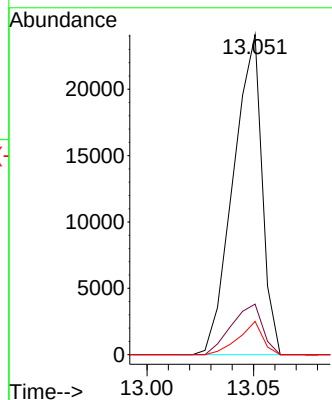
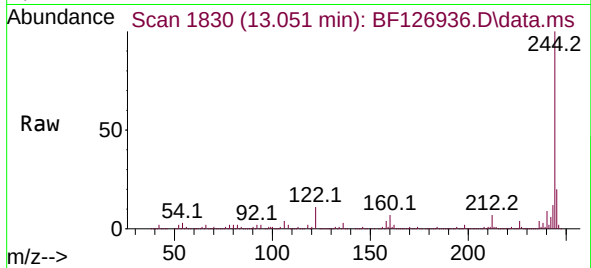




#77
Benzidine
Concen: 4.575 ng
RT: 13.051 min Scan# 1830
Delta R.T. 0.253 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

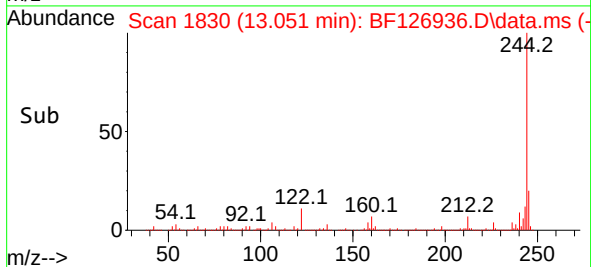
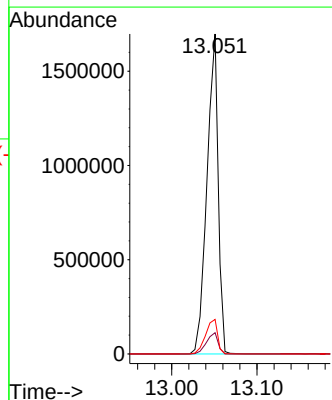
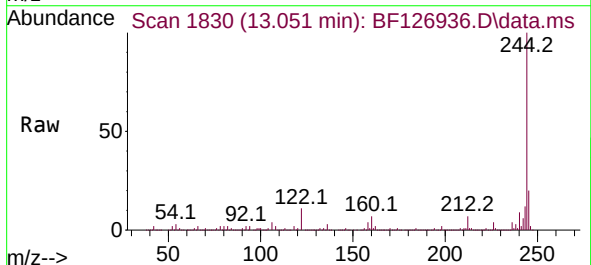
Instrument :
BNA_F
ClientSampleId :
MW-13R

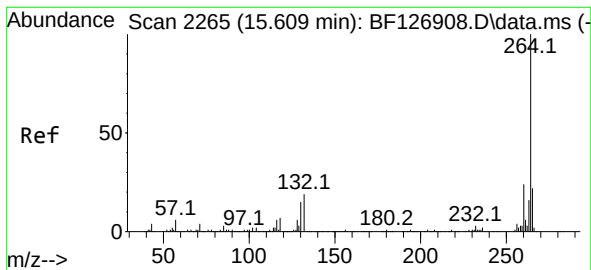
Tgt Ion:184 Resp: 22594
Ion Ratio Lower Upper
184 100
185 15.8 11.8 17.8
183 10.4 8.2 12.2



#79
Terphenyl-d14
Concen: 125.544 ng
RT: 13.051 min Scan# 1830
Delta R.T. -0.000 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

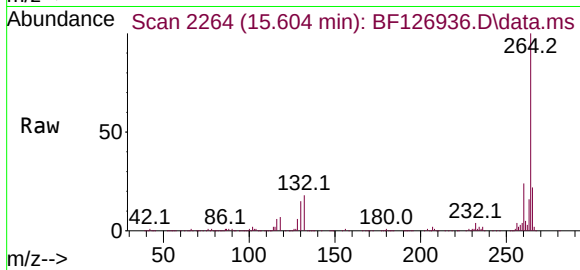
Tgt Ion:244 Resp: 1551840
Ion Ratio Lower Upper
244 100
212 6.7 5.0 7.4
122 10.8 13.3 19.9#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.604 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF126936.D
Acq: 17 Feb 2022 19:45

Instrument :
BNA_F
ClientSampleId :
MW-13R



Tgt Ion:264 Resp: 184005
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 22.4 17.4 26.2

