

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
 Data File : BF126508.D
 Acq On : 5 Jan 2022 21:20
 Operator : JU/CG
 Sample : M5251-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Quant Time: Jan 06 01:11:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 05 01:57:07 2022
 Response via : Initial Calibration

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

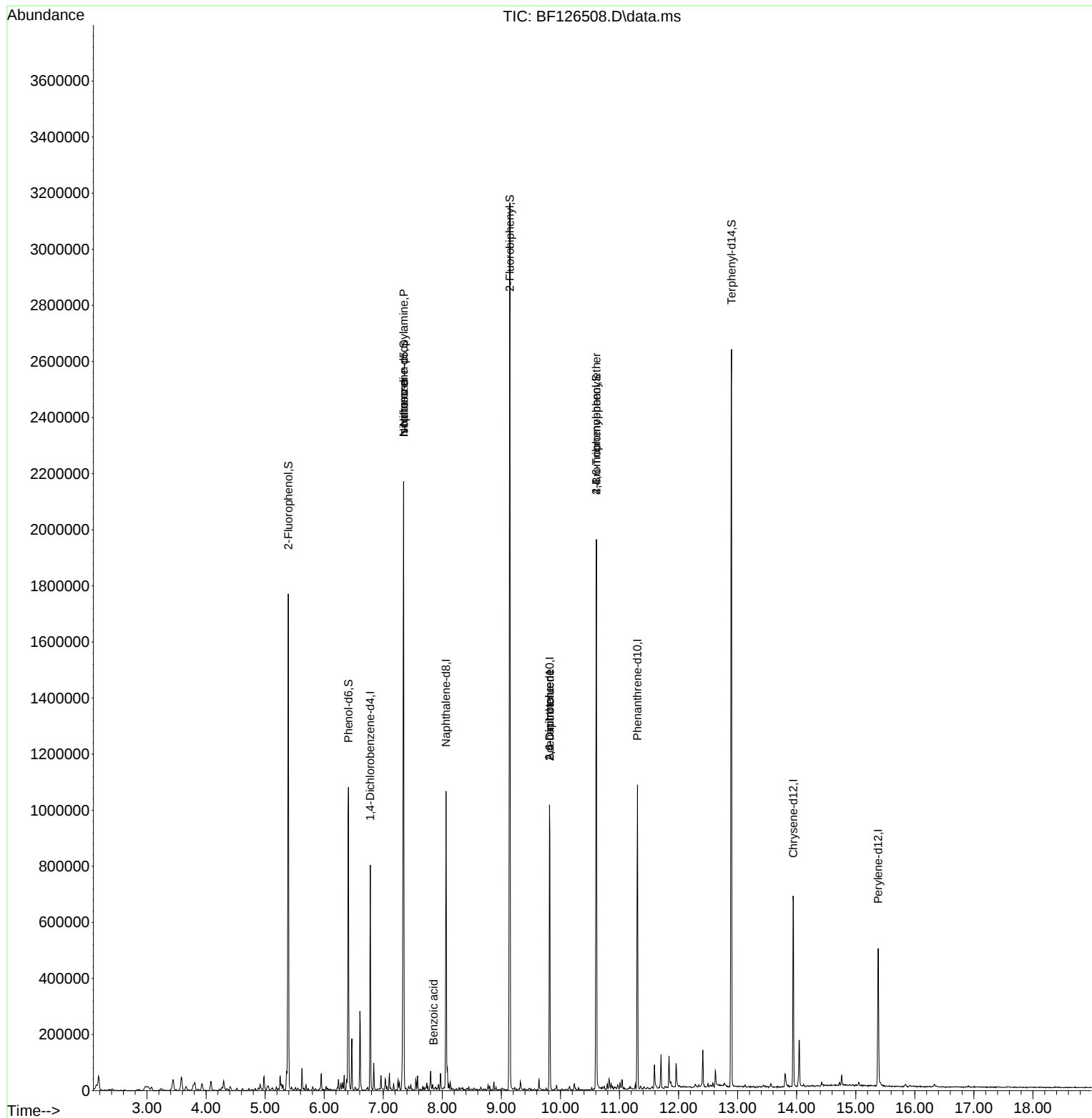
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	106706	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	451510	20.000	ng	0.00
39) Acenaphthene-d10	9.816	164	211479	20.000	ng	-0.01
64) Phenanthrene-d10	11.304	188	351625	20.000	ng	0.00
76) Chrysene-d12	13.945	240	230096	20.000	ng	# 0.00
86) Perylene-d12	15.380	264	194865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	483394	65.056	ng	0.00
7) Phenol-d6	6.410	99	387972	40.313	ng	-0.01
23) Nitrobenzene-d5	7.345	82	746822	84.929	ng	0.00
42) 2,4,6-Tribromophenol	10.610	330	243316	148.891	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1027904	85.532	ng	0.00
79) Terphenyl-d14	12.898	244	973889	82.235	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	94282	17.168	ng	# 80
25) Isophorone	7.345	82	743242	47.215	ng	# 69
32) Benzoic acid	7.851	122	140	7.103	ng	# 1
51) 2,6-Dinitrotoluene	9.816	165	26513	9.299	ng	# 21
57) 2,4-Dinitrotoluene	9.816	165	26513	7.208	ng	# 15
67) 4-Bromophenyl-phenylether	10.610	248	12880	4.127	ng	# 1
77) Benzidine	12.892	184	11990	Below Cal		# 92

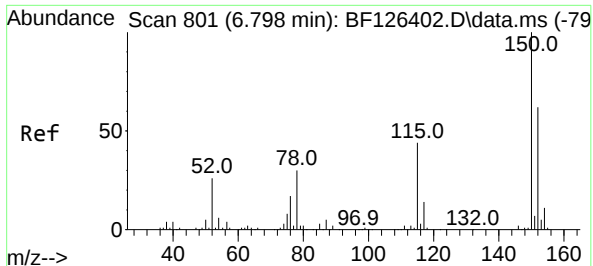
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010522\
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Quant Time: Jan 06 01:11:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 05 01:57:07 2022
Response via : Initial Calibration

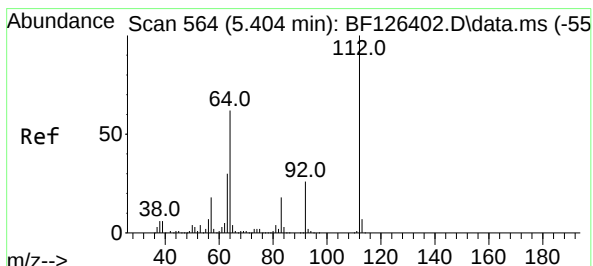
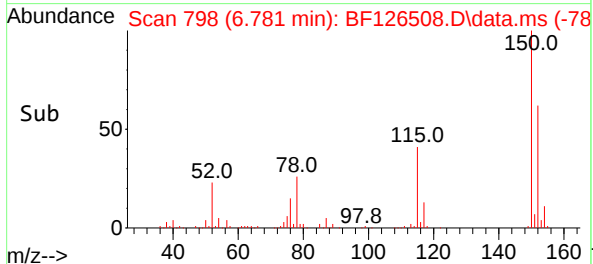
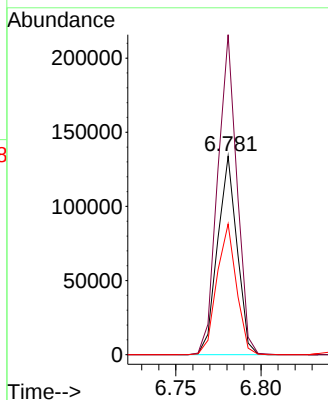
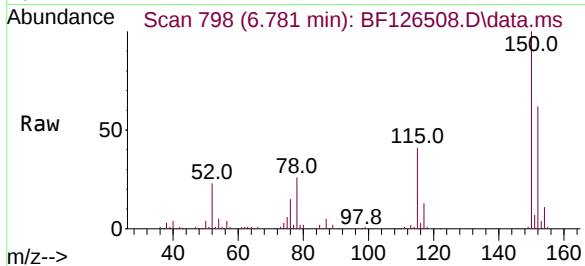




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 798
 Delta R.T. -0.005 min
 Lab File: BF126508.D
 Acq: 5 Jan 2022 21:20

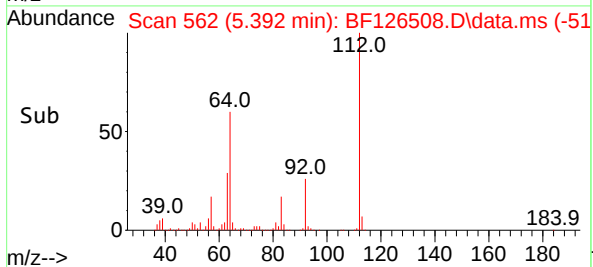
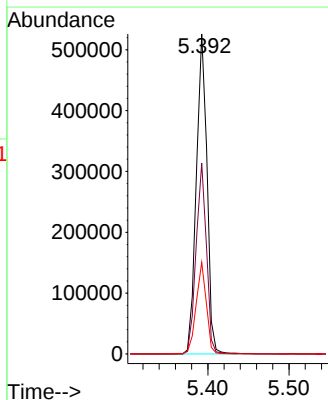
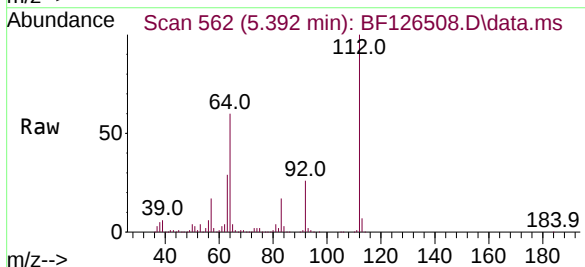
Instrument :
 BNA_F
 ClientSampleId :
 MW-3

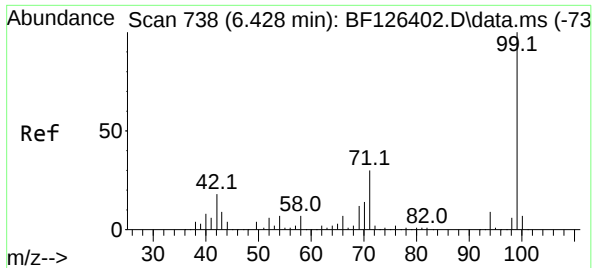
Tgt Ion:152 Resp: 106706
 Ion Ratio Lower Upper
 152 100
 150 161.1 128.1 192.1
 115 65.9 56.7 85.1



#5
 2-Fluorophenol
 Concen: 65.056 ng
 RT: 5.392 min Scan# 562
 Delta R.T. 0.000 min
 Lab File: BF126508.D
 Acq: 5 Jan 2022 21:20

Tgt Ion:112 Resp: 483394
 Ion Ratio Lower Upper
 112 100
 64 59.7 49.5 74.3
 63 28.7 23.9 35.9

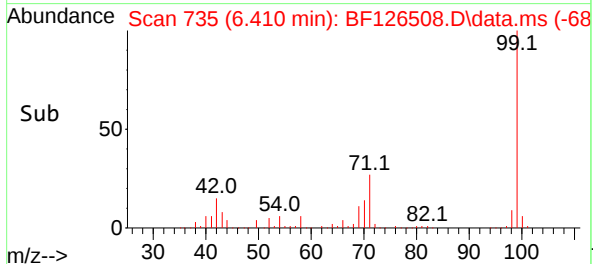
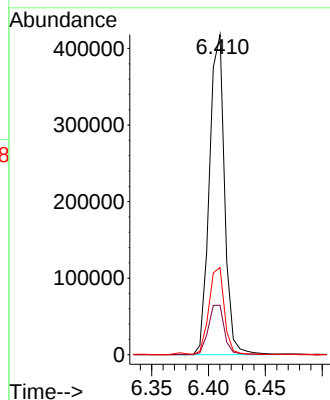
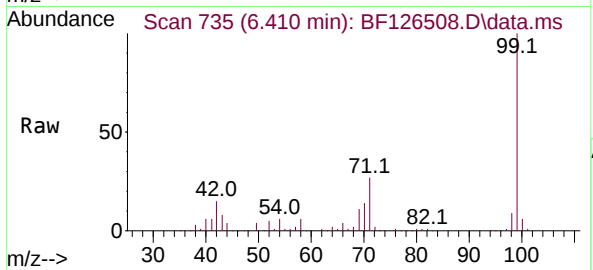




#7
Phenol-d6
Concen: 40.313 ng
RT: 6.410 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

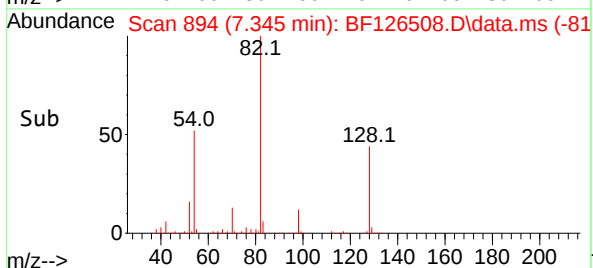
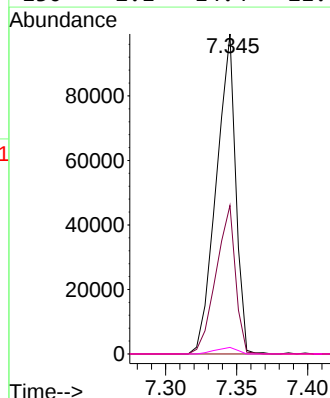
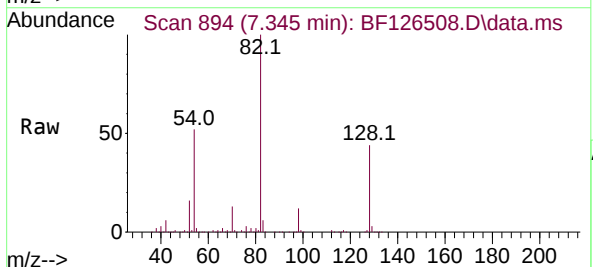
Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion: 99 Resp: 387972
Ion Ratio Lower Upper
99 100
42 15.4 14.2 21.4
71 27.2 24.3 36.5



#19
n-Nitroso-di-n-propylamine
Concen: 17.168 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.141 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

Tgt Ion: 70 Resp: 94282
Ion Ratio Lower Upper
70 100
42 46.4 45.8 68.8
101 0.0 6.9 10.3#
130 2.1 14.4 21.6#



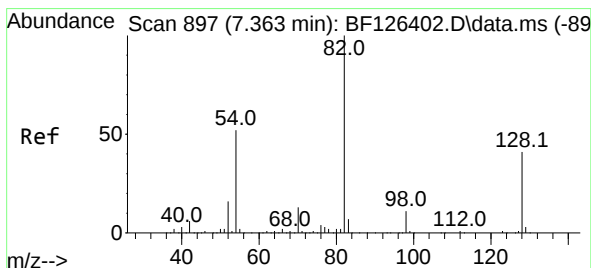
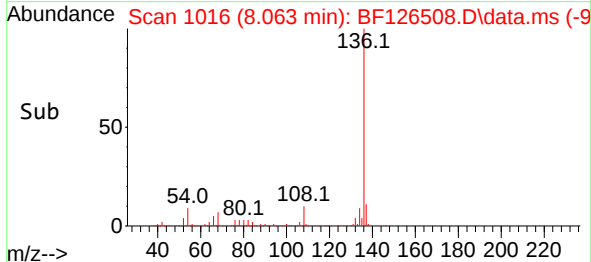
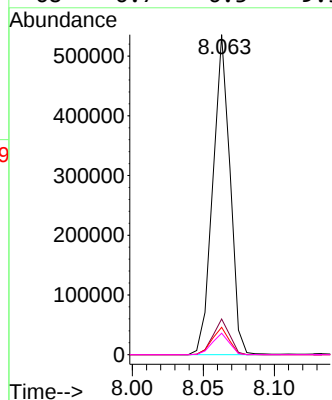
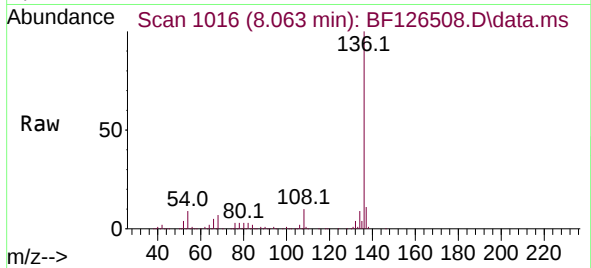


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

Instrument :
BNA_F
ClientSampleId :
MW-3

Tgt Ion:136 Resp: 451510

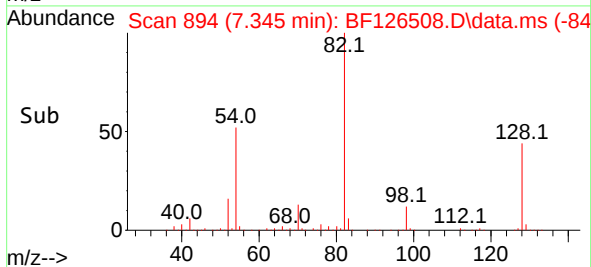
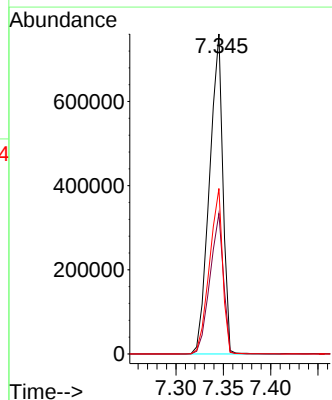
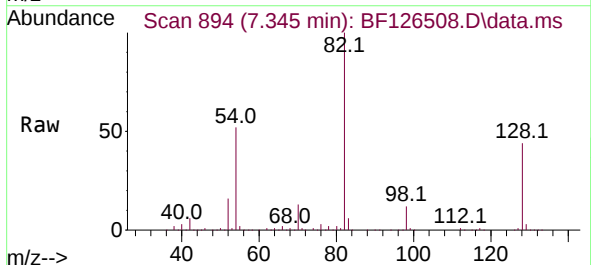
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	8.5	7.8	11.6
68	6.7	6.3	9.5



#23
Nitrobenzene-d5
Concen: 84.929 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.006 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

Tgt Ion: 82 Resp: 746822

Ion	Ratio	Lower	Upper
82	100		
128	43.9	32.7	49.1
54	51.7	41.7	62.5

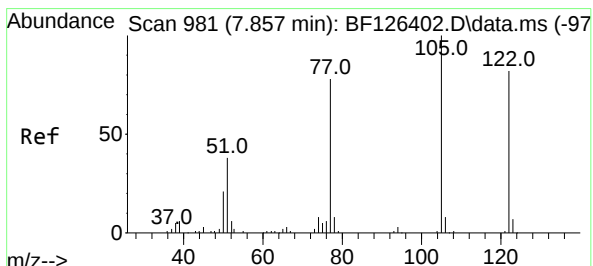
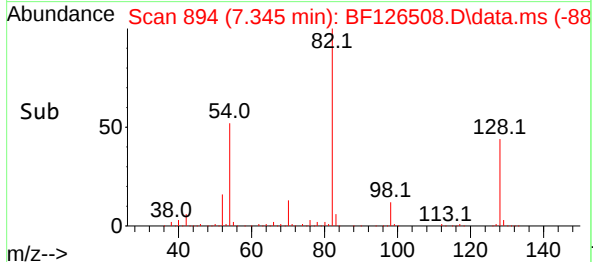
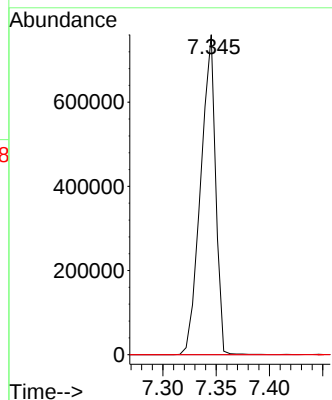
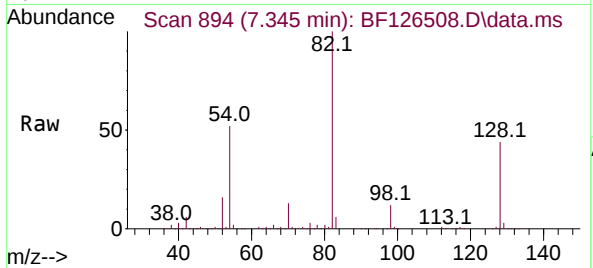




#25
Isophorone
Concen: 47.215 ng
RT: 7.345 min Scan# 894
Delta R.T. -0.265 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

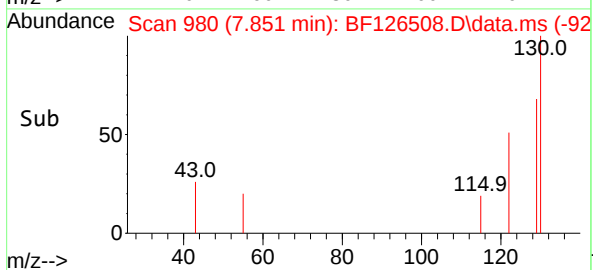
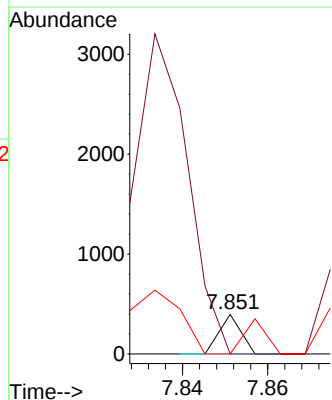
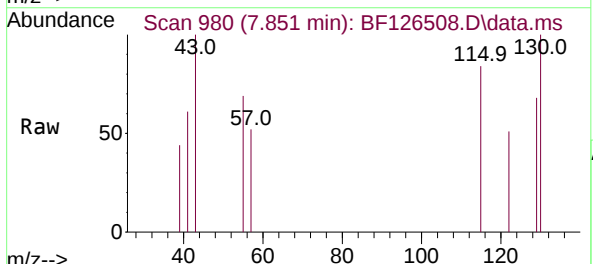
Instrument :
BNA_F
ClientSampleId :
MW-3

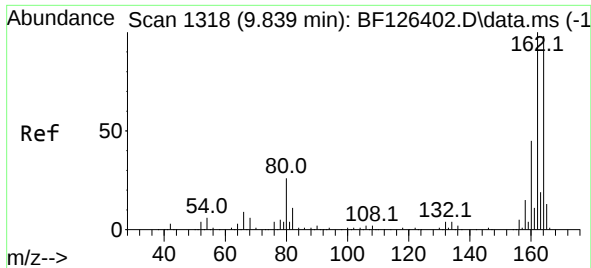
Tgt Ion: 82 Resp: 743242
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#32
Benzoic acid
Concen: 7.103 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.006 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

Tgt Ion:122 Resp: 140
Ion Ratio Lower Upper
122 100
105 0.0 101.0 141.0#
77 0.0 74.5 114.5#

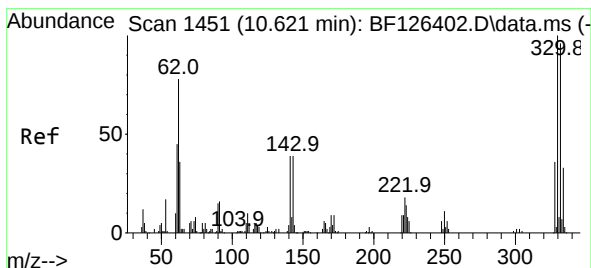
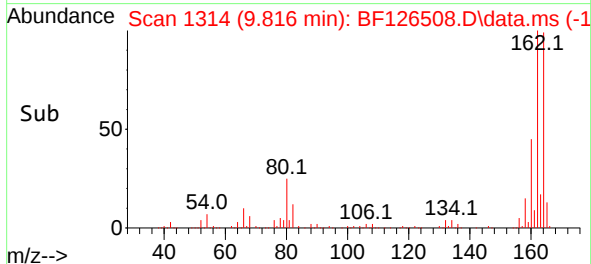
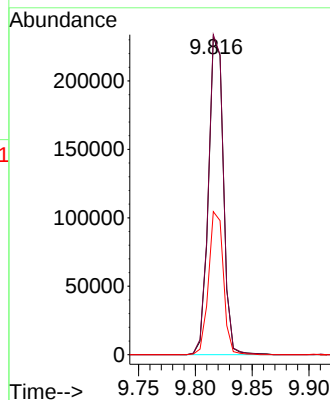
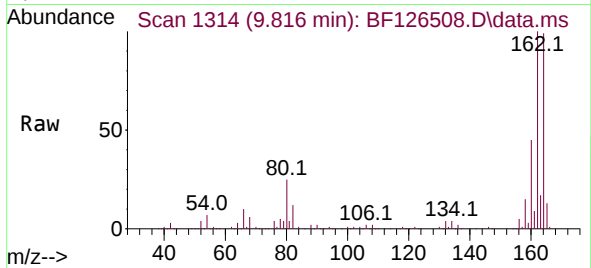




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

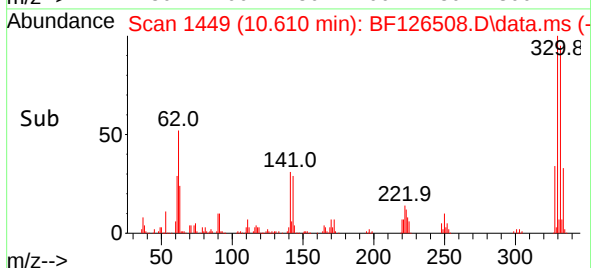
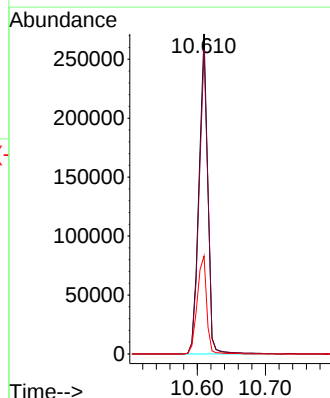
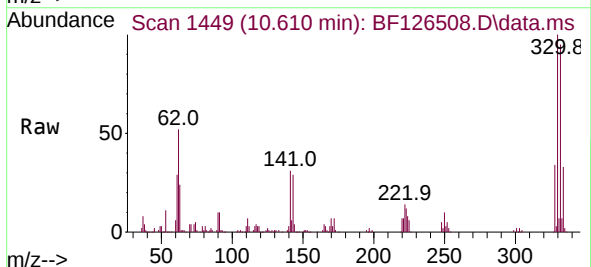
Instrument :
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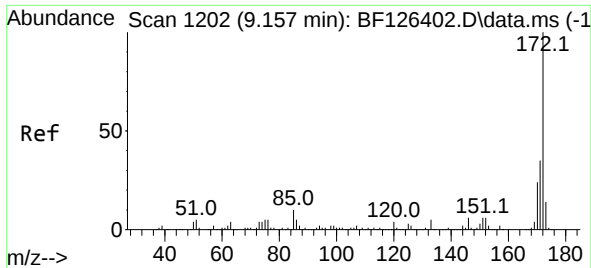
Tgt Ion:164 Resp: 211479
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 45.1 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 148.891 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

Tgt Ion:330 Resp: 243316
Ion Ratio Lower Upper
330 100
332 95.6 76.0 114.0
141 32.7 30.1 45.1

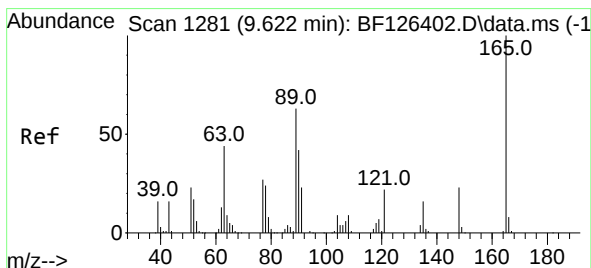
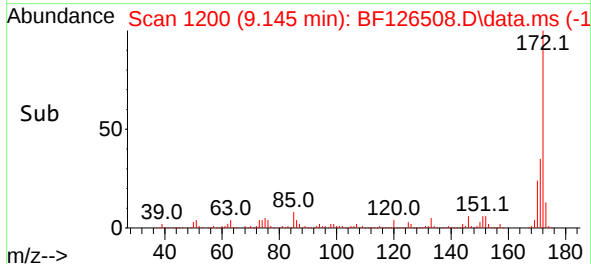
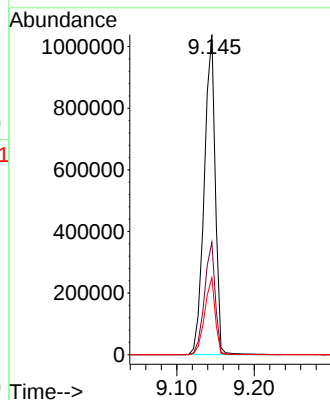
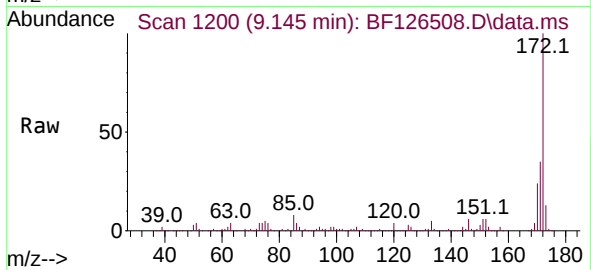




#45
2-Fluorobiphenyl
Concen: 85.532 ng
RT: 9.145 min Scan# 1314
Delta R.T. -0.006 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

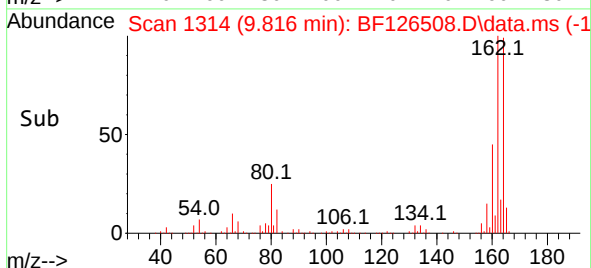
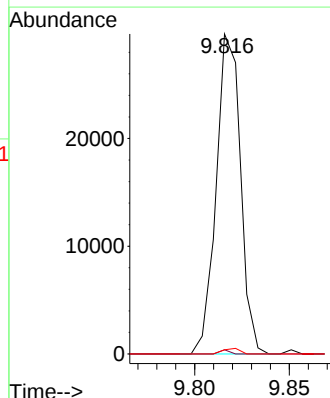
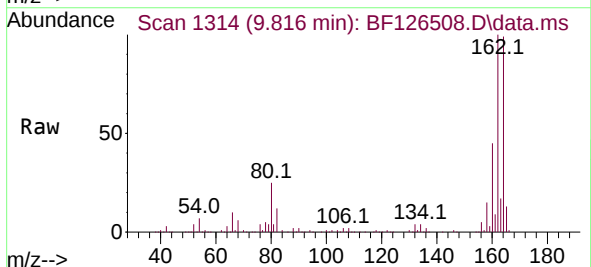
Instrument :
BNA_F
ClientSampleId :
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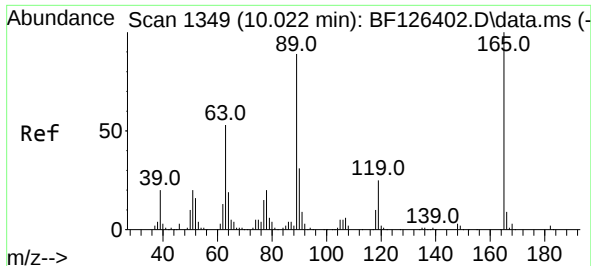
Tgt Ion:172 Resp: 1027904
Ion Ratio Lower Upper
172 100
171 35.1 28.3 42.5
170 24.0 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 9.299 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.206 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

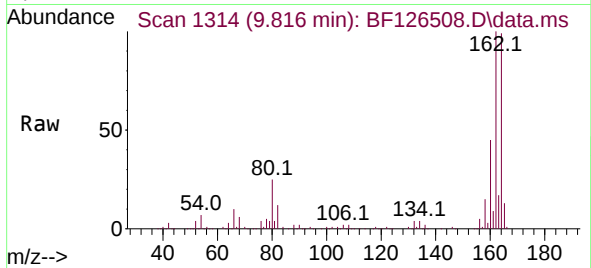
Tgt Ion:165 Resp: 26513
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.3 50.5 75.7#



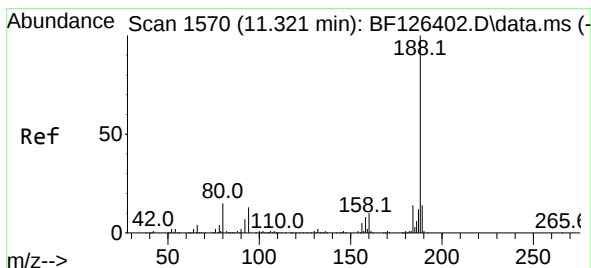
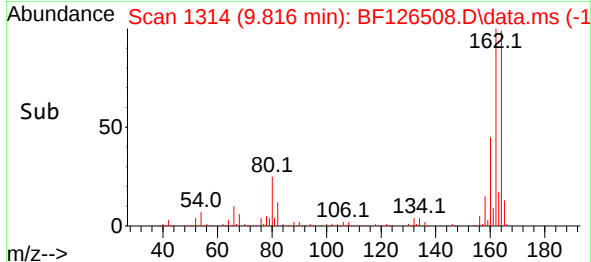
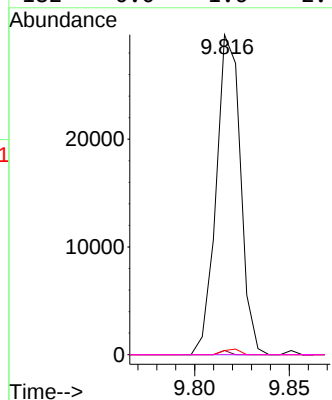


#57
2,4-Dinitrotoluene
Concen: 7.208 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

Instrument :
BNA_F
ClientSampleId :
MW-3

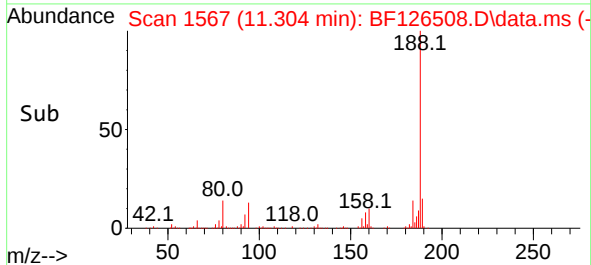
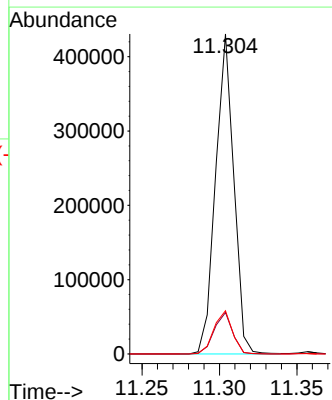
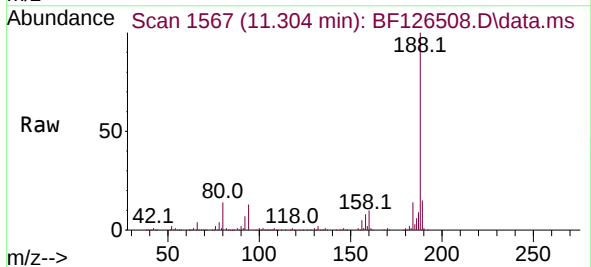


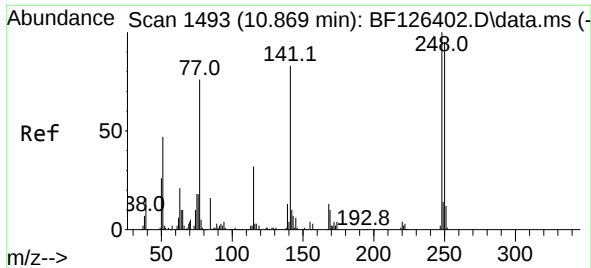
Tgt Ion:165 Resp: 26513
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.304 min Scan# 1567
Delta R.T. -0.006 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

Tgt Ion:188 Resp: 351625
Ion Ratio Lower Upper
188 100
94 13.0 10.1 15.1
80 13.5 11.8 17.6

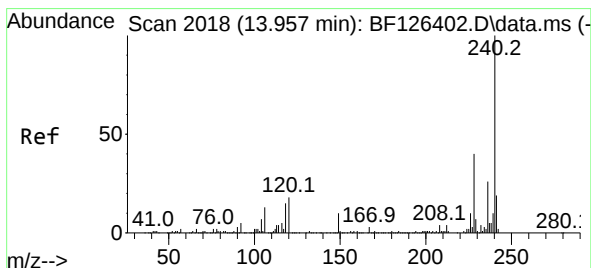
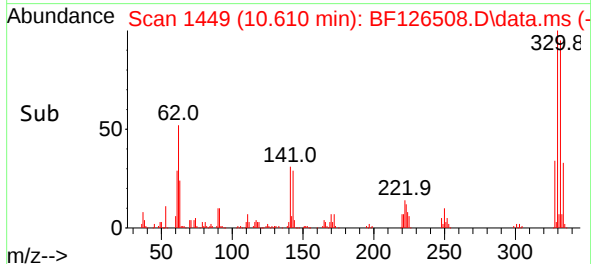
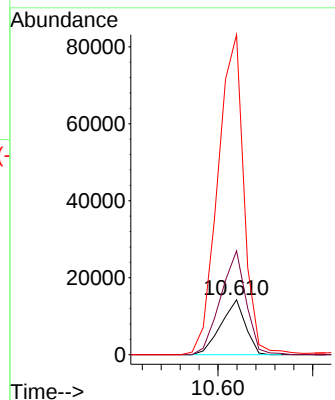
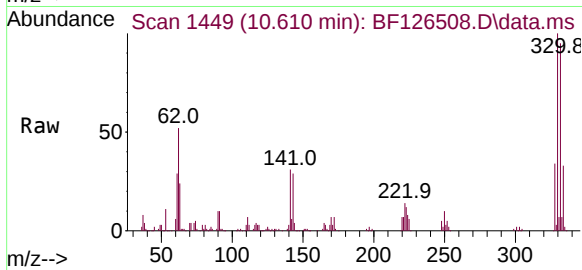




#67
4-Bromophenyl-phenylether
Concen: 4.127 ng
RT: 10.610 min Scan# 1493
Delta R.T. -0.247 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

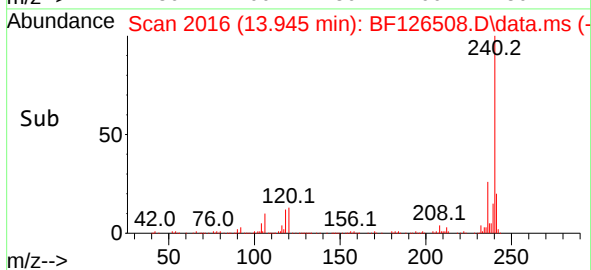
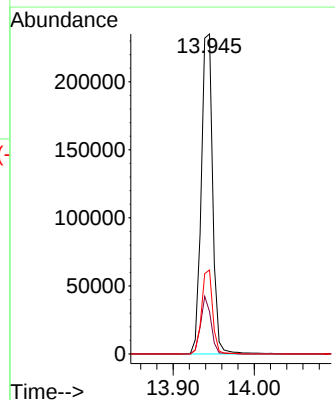
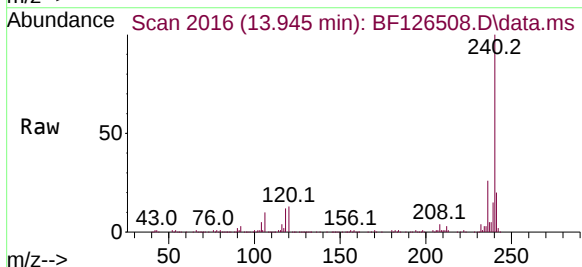
Instrument :
BNA_F
ClientSampleId :
MW-3

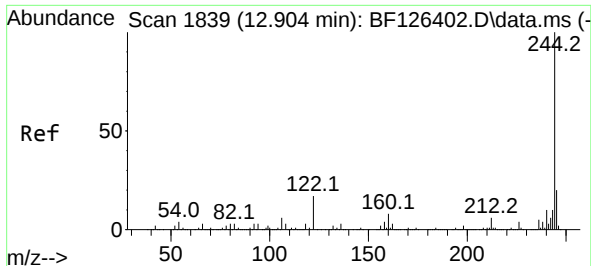
Tgt Ion:248 Resp: 12880
Ion Ratio Lower Upper
248 100
250 188.9 76.2 114.4#
141 582.3 66.2 99.4#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF126508.D
Acq: 5 Jan 2022 21:20

Tgt Ion:240 Resp: 230096
Ion Ratio Lower Upper
240 100
120 13.2 14.4 21.6#
236 26.3 20.5 30.7

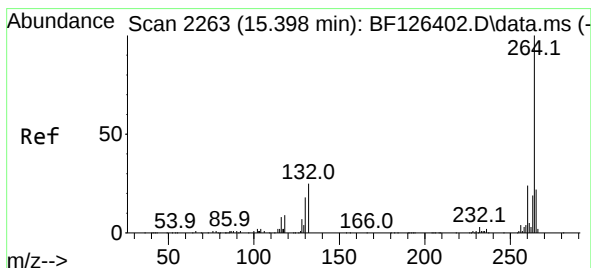
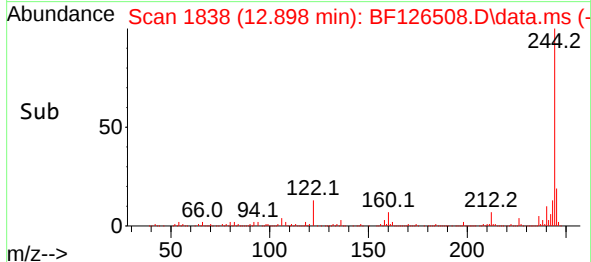
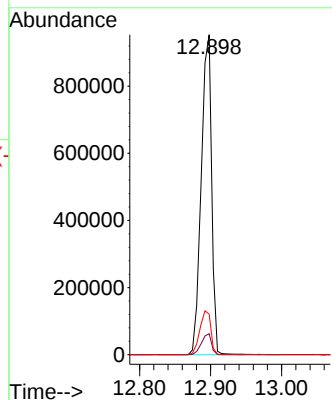
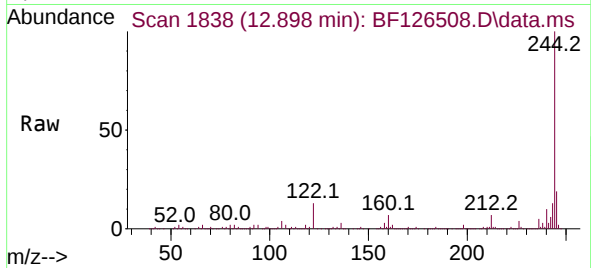




#79
 Terphenyl-d14
 Concen: 82.235 ng
 RT: 12.898 min Scan# 1838
 Delta R.T. 0.000 min
 Lab File: BF126508.D
 Acq: 5 Jan 2022 21:20

Instrument :
 BNA_F
 ClientSampleId :
 MW-3

Tgt Ion:244 Resp: 973889
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.0 7.4
 122 12.6 13.3 19.9#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.380 min Scan# 2260
 Delta R.T. -0.006 min
 Lab File: BF126508.D
 Acq: 5 Jan 2022 21:20

Tgt Ion:264 Resp: 194865
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 20.2 17.4 26.2

