

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090622\
 Data File : BF130146.D
 Acq On : 06 Sep 2022 19:47
 Operator : CG\JU
 Sample : N4452-01RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-(22)RE

Quant Time: Sep 07 02:17:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 07 02:05:07 2022
 Response via : Initial Calibration

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

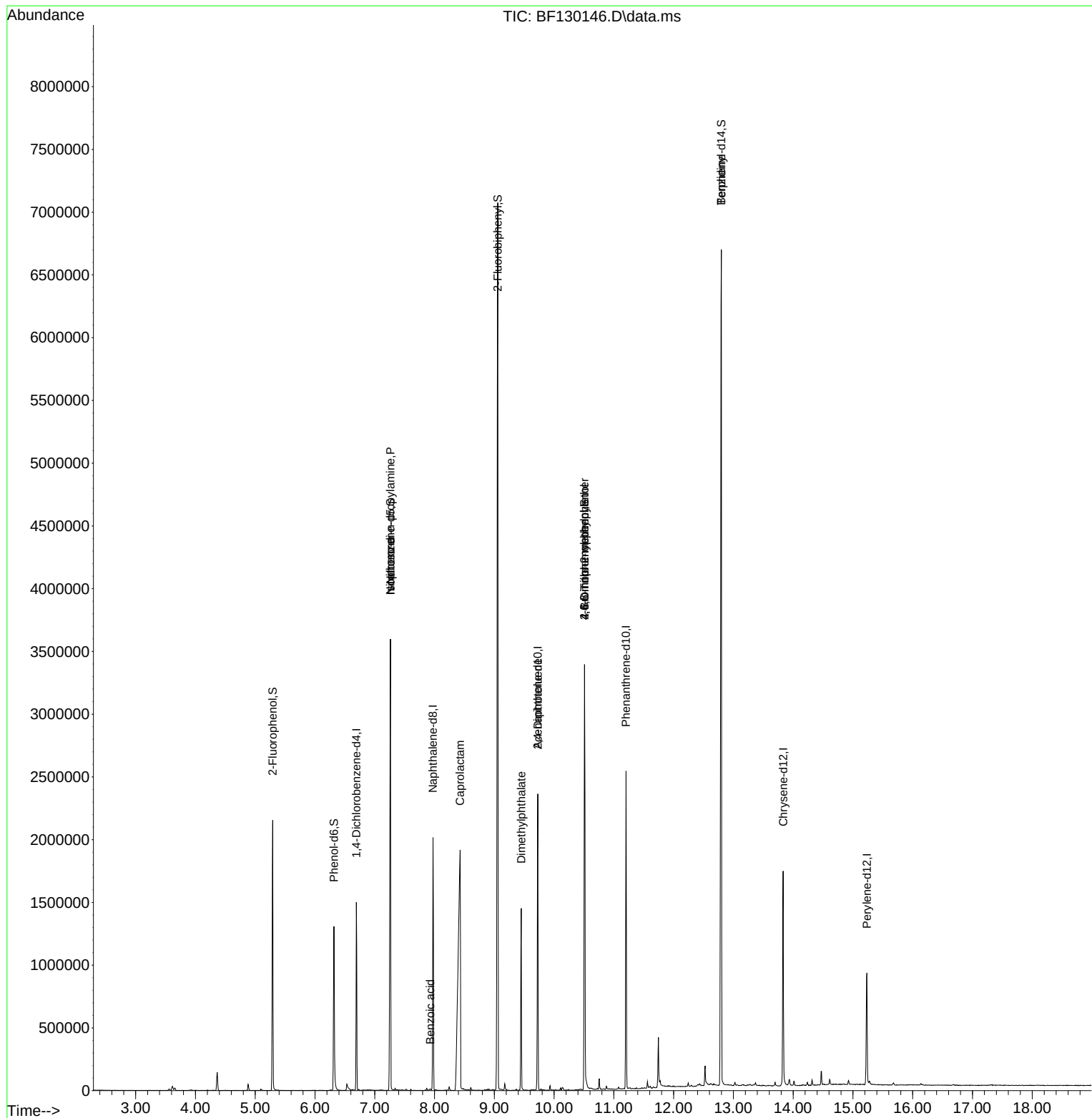
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	211582	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	868376	20.000	ng	0.00
39) Acenaphthene-d10	9.727	164	470324	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	810725	20.000	ng	0.00
76) Chrysene-d12	13.833	240	525422	20.000	ng	-0.01
86) Perylene-d12	15.233	264	382823	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.292	112	595781	47.803	ng	0.00
7) Phenol-d6	6.316	99	501739	32.291	ng	-0.02
23) Nitrobenzene-d5	7.263	82	1204727	89.159	ng	0.00
42) 2,4,6-Tribromophenol	10.510	330	420909	98.314	ng	-0.01
45) 2-Fluorobiphenyl	9.057	172	2253662	79.445	ng	0.00
79) Terphenyl-d14	12.798	244	2548142	84.100	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	155575	16.620	ng	# 74
25) Isophorone	7.263	82	1200308	43.889	ng	# 65
32) Benzoic acid	7.928	122	1737	6.732	ng	# 82
35) Caprolactam	8.428	113	581617	152.904	ng	90
50) Dimethylphthalate	9.451	163	535808	16.726	ng	99
57) 2,4-Dinitrotoluene	9.727	165	59834	8.321	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.510	198	1037	6.318	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	25127	2.786	ng	# 1
77) Benzidine	12.798	184	35187	2.480	ng	# 95

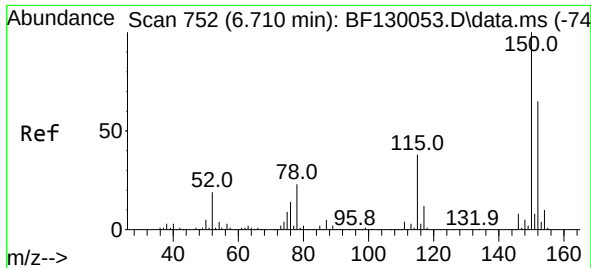
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 07 02:17:33 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 07 02:05:07 2022
Response via : Initial Calibration

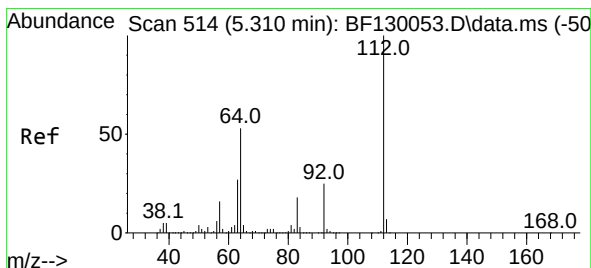
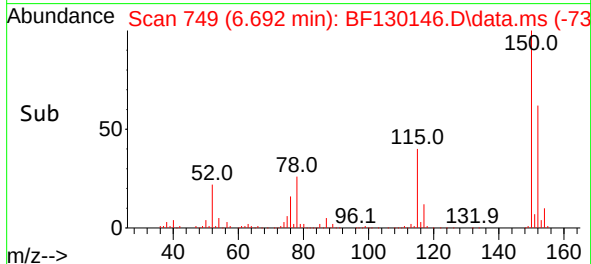
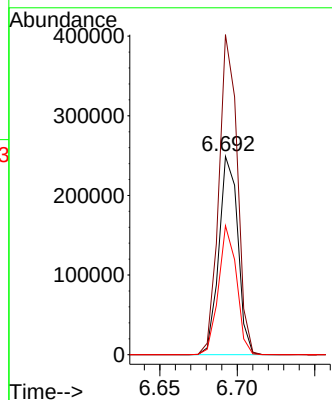
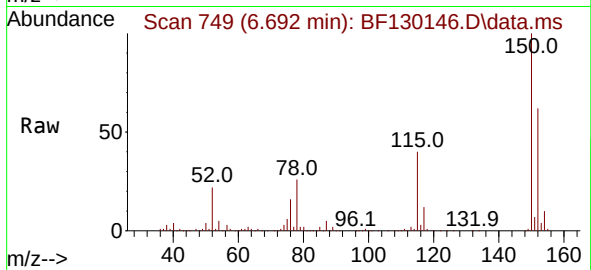




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.692 min Scan# 749
 Delta R.T. -0.006 min
 Lab File: BF130146.D
 Acq: 06 Sep 2022 19:47

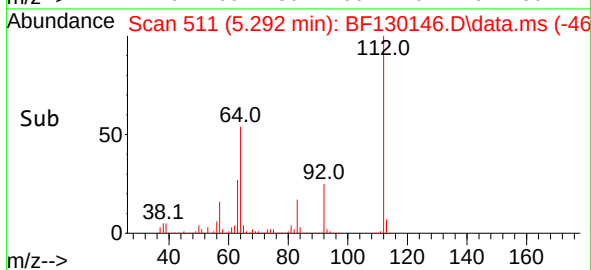
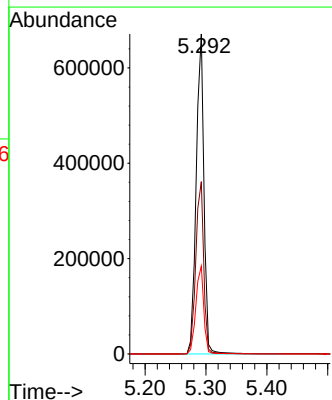
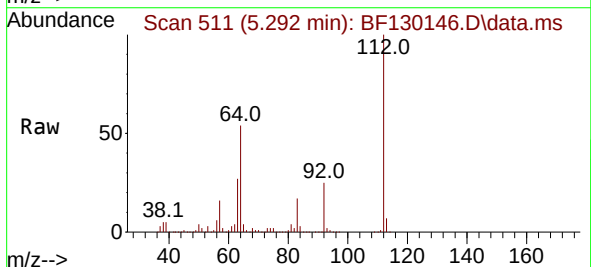
Instrument :
 BNA_F
 ClientSampleId :
 MW-2-(22)RE

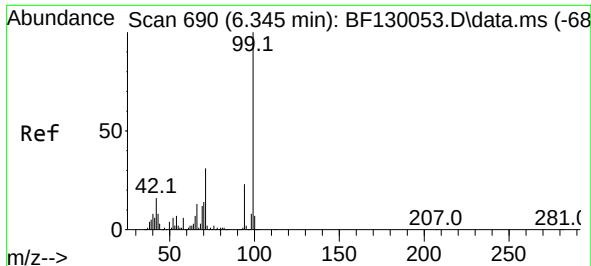
Tgt Ion:152 Resp: 211582
 Ion Ratio Lower Upper
 152 100
 150 161.4 126.9 190.3
 115 65.0 53.4 80.0



#5
 2-Fluorophenol
 Concen: 47.803 ng
 RT: 5.292 min Scan# 511
 Delta R.T. -0.006 min
 Lab File: BF130146.D
 Acq: 06 Sep 2022 19:47

Tgt Ion:112 Resp: 595781
 Ion Ratio Lower Upper
 112 100
 64 53.8 47.6 71.4
 63 27.4 24.6 37.0

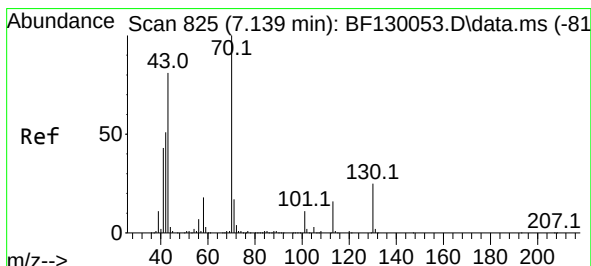
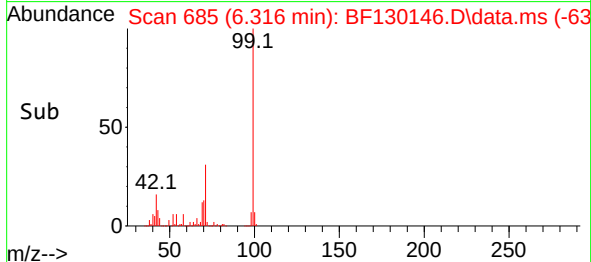
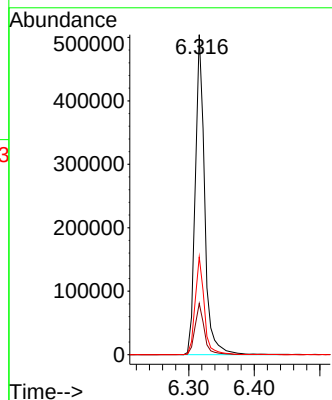
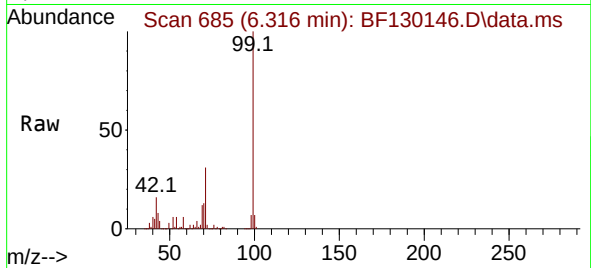




#7
Phenol-d6
Concen: 32.291 ng
RT: 6.316 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130146.D
Acq: 06 Sep 2022 19:47

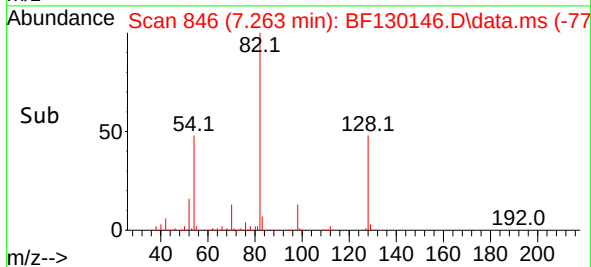
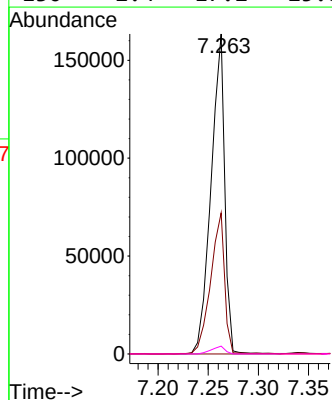
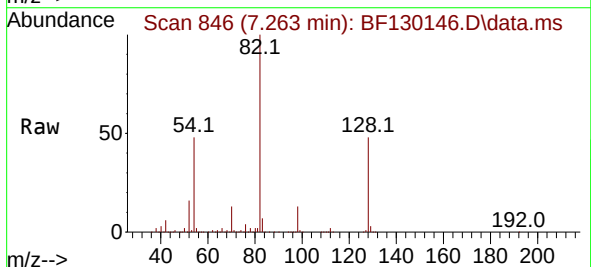
Instrument :
BNA_F
ClientSampleId :
MW-2-(22)RE

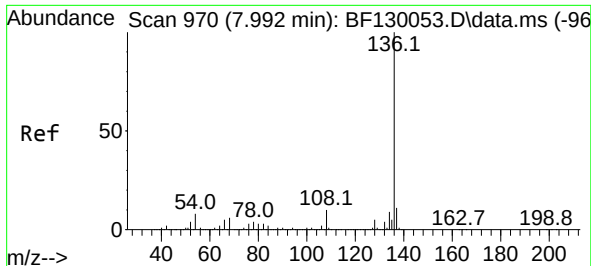
Tgt Ion: 99 Resp: 501739
Ion Ratio Lower Upper
99 100
42 16.0 15.0 22.4
71 30.5 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 16.620 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130146.D
Acq: 06 Sep 2022 19:47

Tgt Ion: 70 Resp: 155575
Ion Ratio Lower Upper
70 100
42 44.1 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

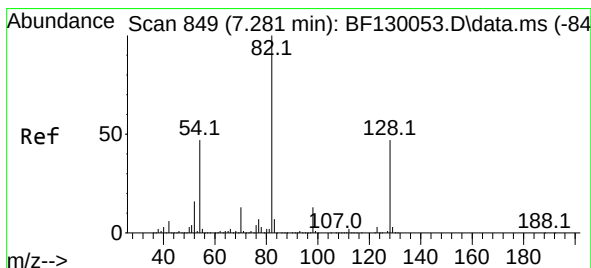
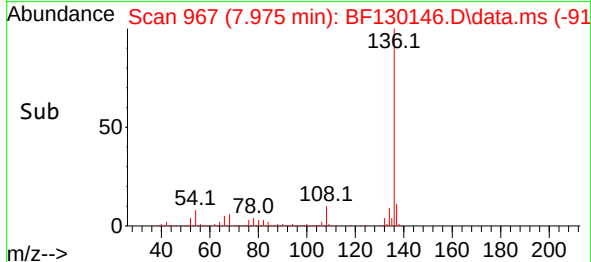
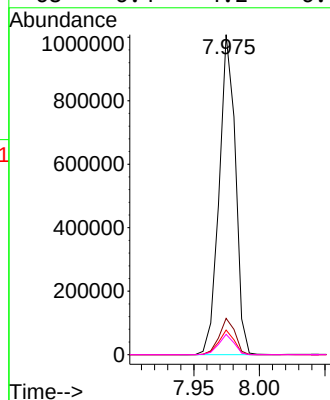
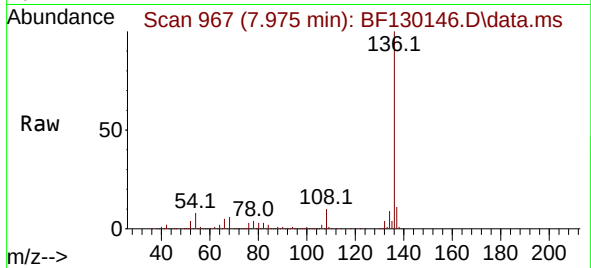




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130146.D
Acq: 06 Sep 2022 19:47

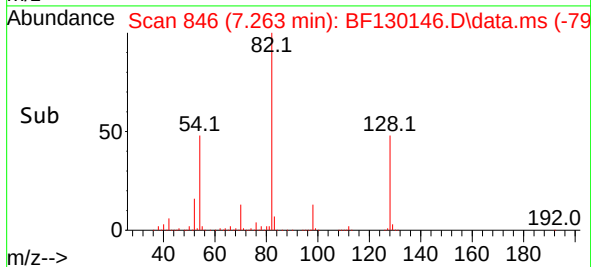
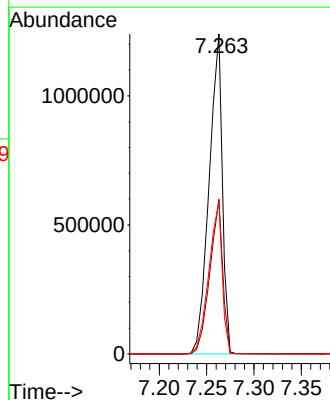
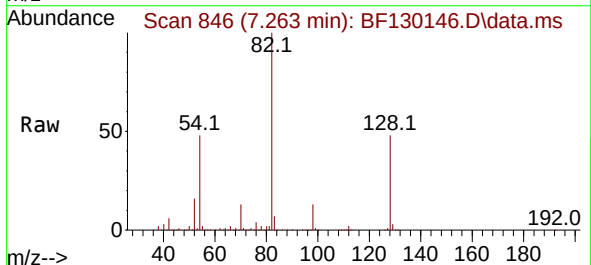
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BNA_F
ClientSampleId :
MW-2-(22)RE

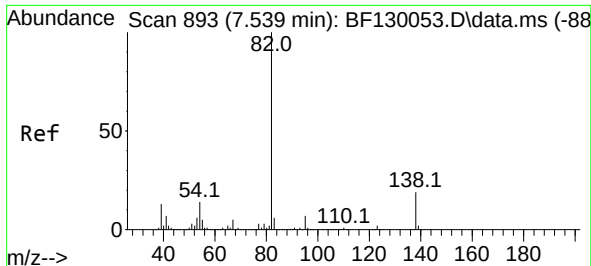
Tgt Ion:136 Resp: 868376
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.7 6.2 9.2
68 6.4 4.2 6.4



#23
Nitrobenzene-d5
Concen: 89.159 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130146.D
Acq: 06 Sep 2022 19:47

Tgt Ion: 82 Resp: 1204727
Ion Ratio Lower Upper
82 100
128 48.3 36.1 54.1
54 47.6 40.0 60.0

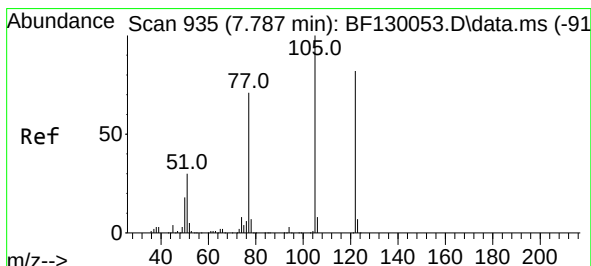
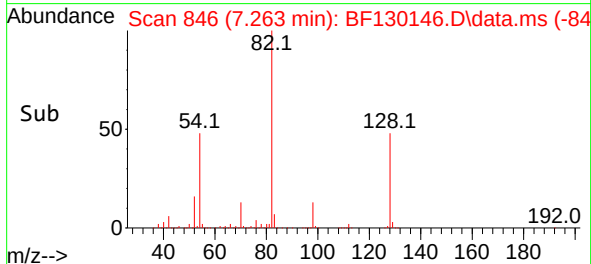
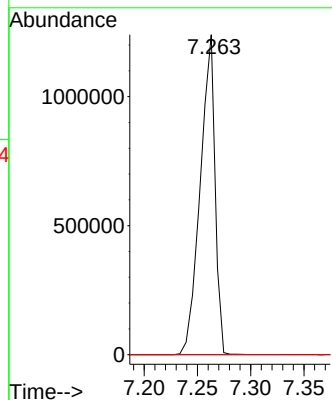
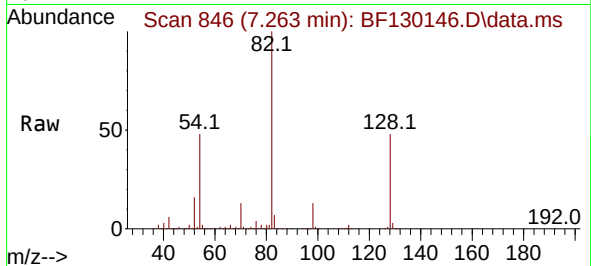




#25
Isophorone
Concen: 43.889 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130146.D
Acq: 06 Sep 2022 19:47

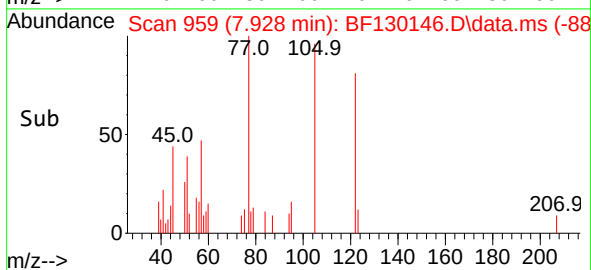
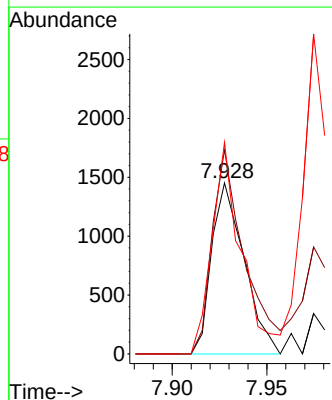
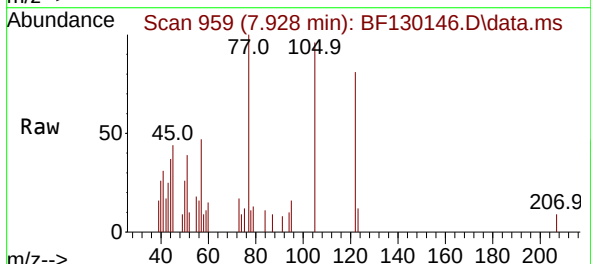
Instrument :
BNA_F
ClientSampleId :
MW-2-(22)RE

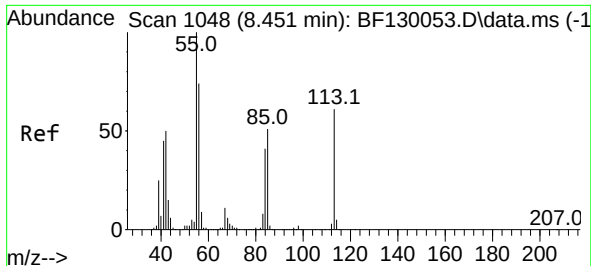
Tgt Ion: 82 Resp: 1200308
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.732 ng
RT: 7.928 min Scan# 959
Delta R.T. 0.159 min
Lab File: BF130146.D
Acq: 06 Sep 2022 19:47

Tgt Ion:122 Resp: 1737
Ion Ratio Lower Upper
122 100
105 119.3 99.9 139.9
77 123.8 65.9 105.9#

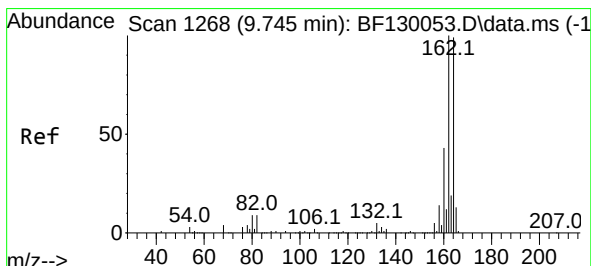
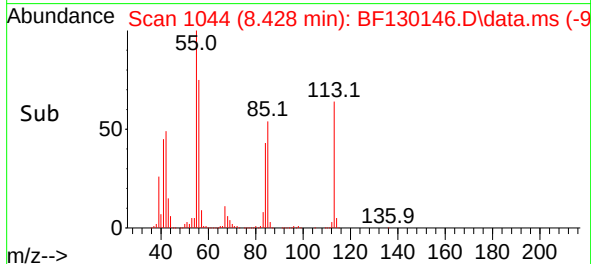
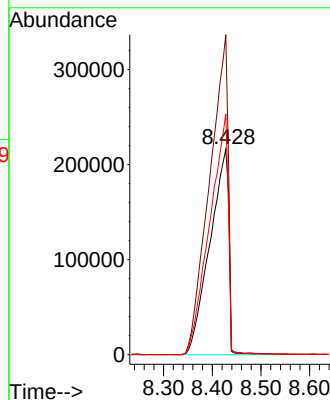
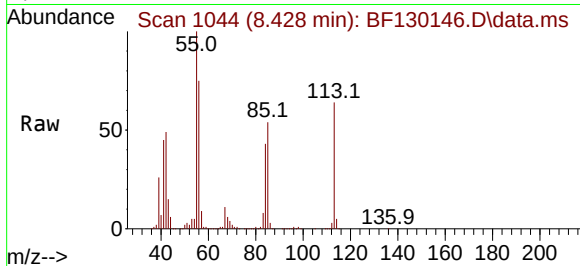




#35
 Caprolactam
 Concen: 152.904 ng
 RT: 8.428 min Scan# 1044
 Delta R.T. -0.012 min
 Lab File: BF130146.D
 Acq: 06 Sep 2022 19:47

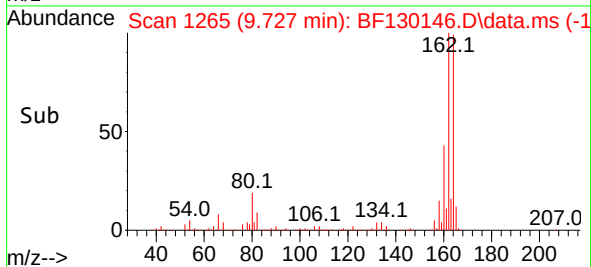
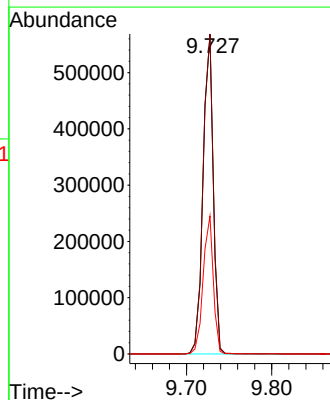
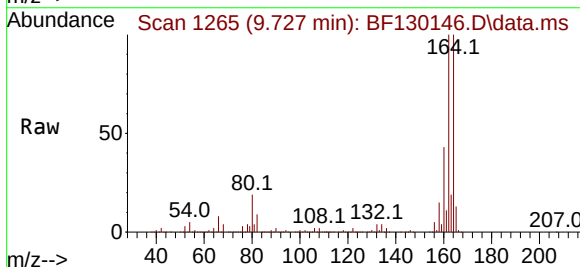
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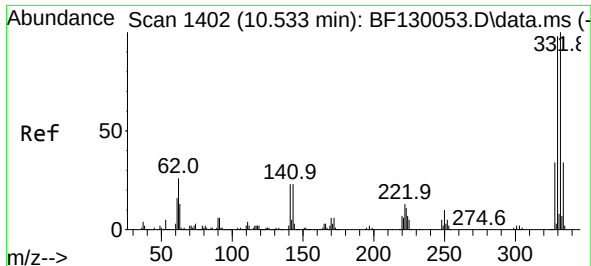
Tgt Ion:113 Resp: 581617
 Ion Ratio Lower Upper
 113 100
 55 155.8 148.8 188.8
 56 117.3 109.1 149.1



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.727 min Scan# 1265
 Delta R.T. -0.006 min
 Lab File: BF130146.D
 Acq: 06 Sep 2022 19:47

Tgt Ion:164 Resp: 470324
 Ion Ratio Lower Upper
 164 100
 162 100.3 82.0 123.0
 160 43.2 35.4 53.0

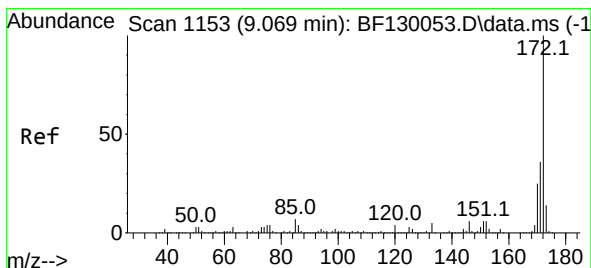
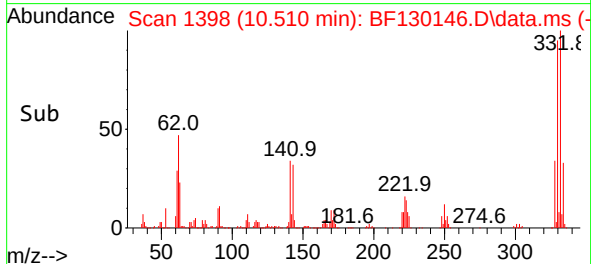
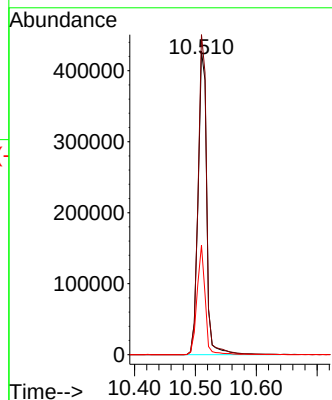
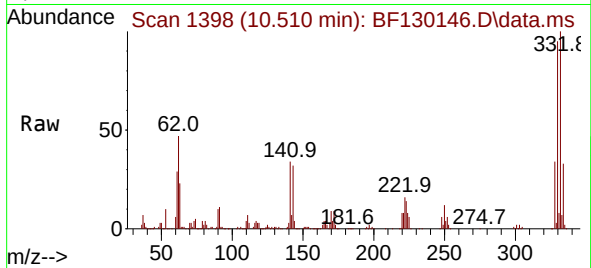




#42
2,4,6-Tribromophenol
Concen: 98.314 ng
RT: 10.510 min Scan# 11398
Delta R.T. -0.012 min
Lab File: BF130146.D
Acq: 06 Sep 2022 19:47

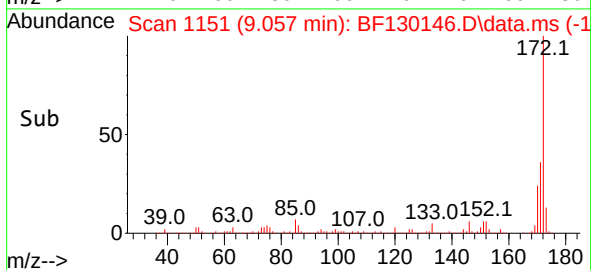
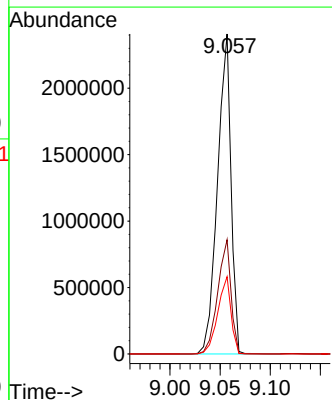
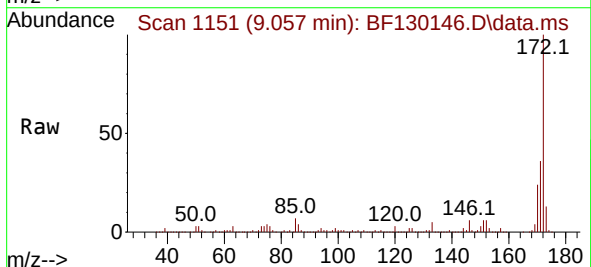
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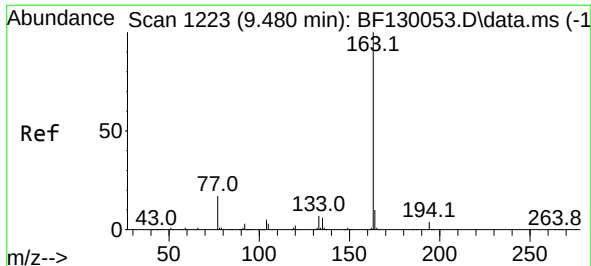
Tgt Ion:330 Resp: 420909
Ion Ratio Lower Upper
330 100
332 103.5 82.6 124.0
141 34.1 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 79.445 ng
RT: 9.057 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF130146.D
Acq: 06 Sep 2022 19:47

Tgt Ion:172 Resp: 2253662
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 24.2 19.1 28.7

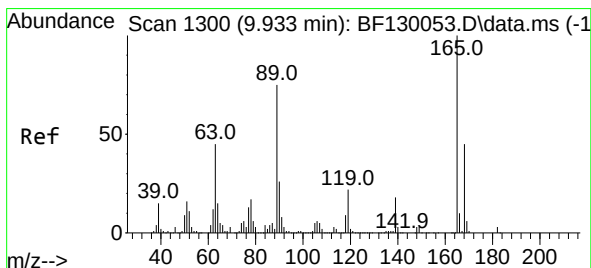
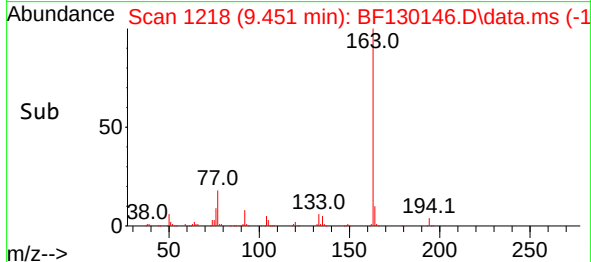
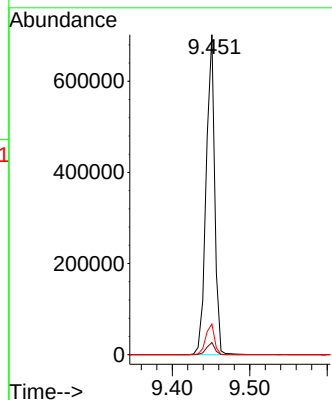
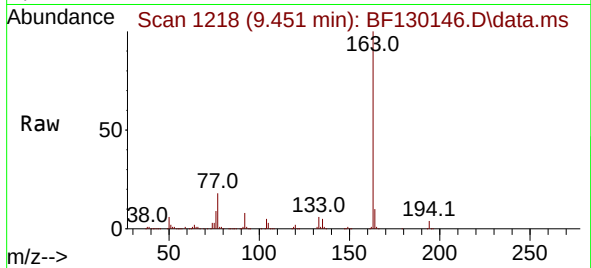




#50
Dimethylphthalate
Concen: 16.726 ng
RT: 9.451 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130146.D
Acq: 06 Sep 2022 19:47

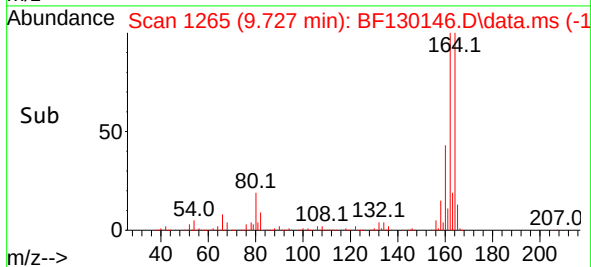
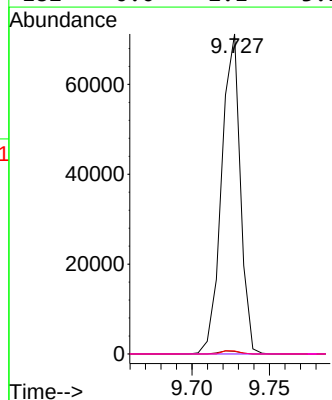
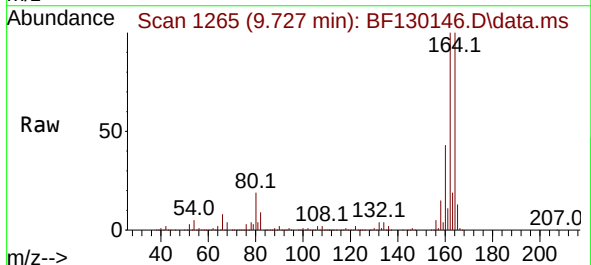
Instrument :
BNA_F
ClientSampleId :
MW-2-(22)RE

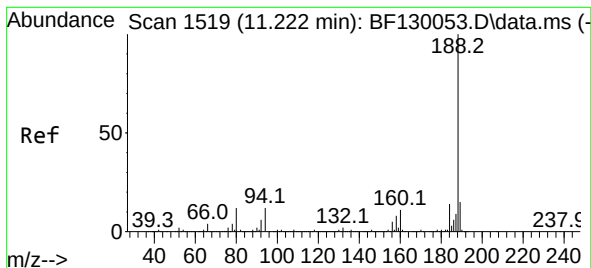
Tgt Ion:163 Resp: 535808
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 9.6 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 8.321 ng
RT: 9.727 min Scan# 1265
Delta R.T. -0.194 min
Lab File: BF130146.D
Acq: 06 Sep 2022 19:47

Tgt Ion:165 Resp: 59834
Ion Ratio Lower Upper
165 100
63 0.8 48.4 72.6#
89 1.0 62.3 93.5#
182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130146.D

Acq: 06 Sep 2022 19:47

Instrument :

BNA_F

ClientSampleId :

MW-2-(22)RE

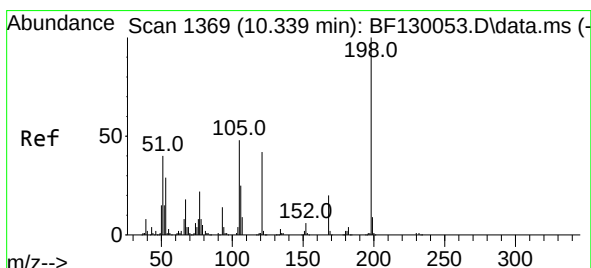
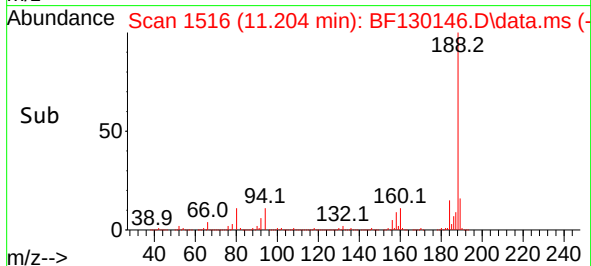
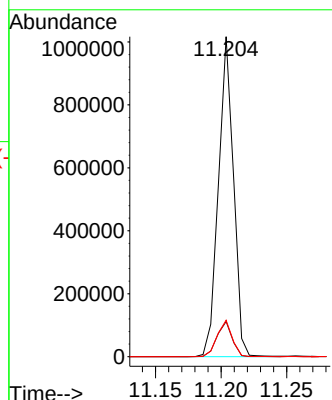
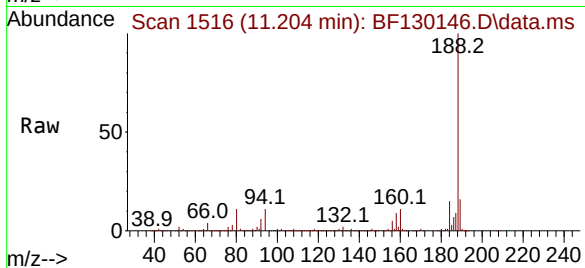
Tgt Ion:188 Resp: 810725

Ion Ratio Lower Upper

188 100

94 10.9 7.4 11.2

80 11.4 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.318 ng

RT: 10.510 min Scan# 1398

Delta R.T. 0.182 min

Lab File: BF130146.D

Acq: 06 Sep 2022 19:47

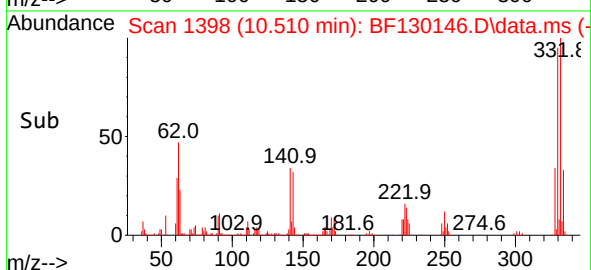
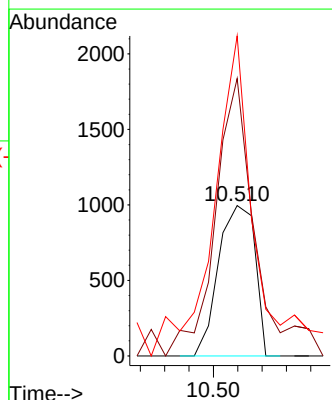
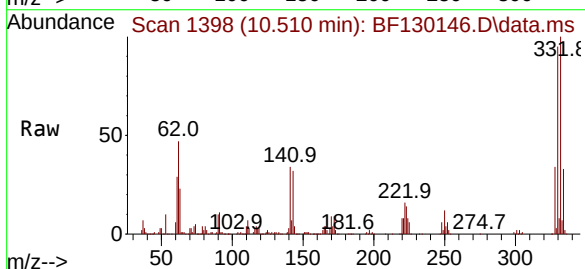
Tgt Ion:198 Resp: 1037

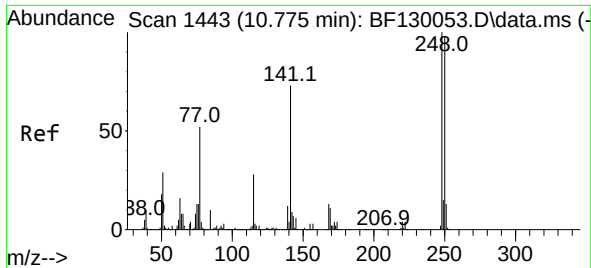
Ion Ratio Lower Upper

198 100

51 184.4 29.4 69.4#

105 212.8 29.2 69.2#

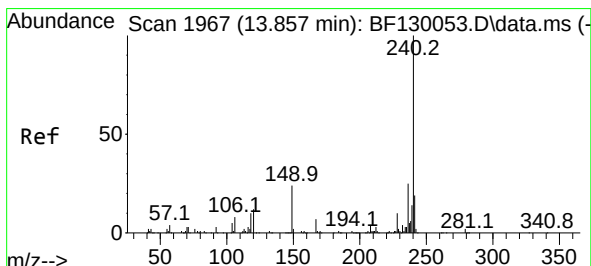
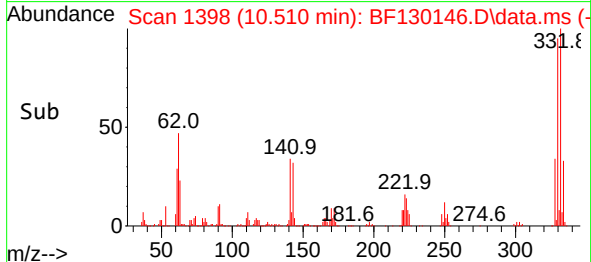
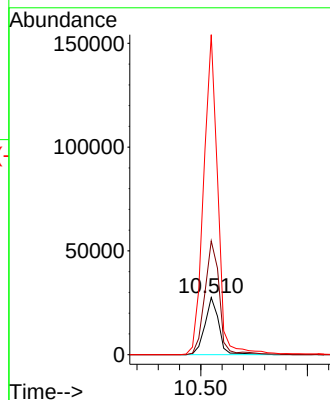
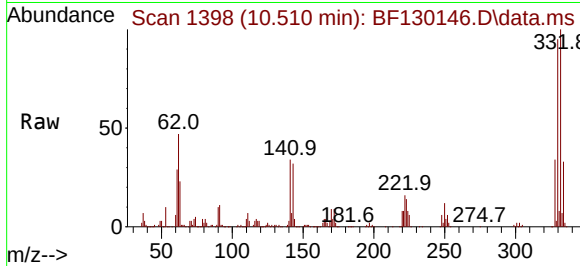




#67
4-Bromophenyl-phenylether
Concen: 2.786 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.253 min
Lab File: BF130146.D
Acq: 06 Sep 2022 19:47

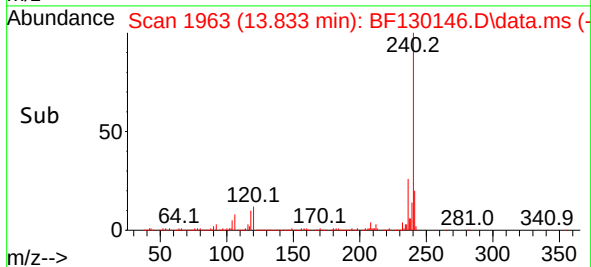
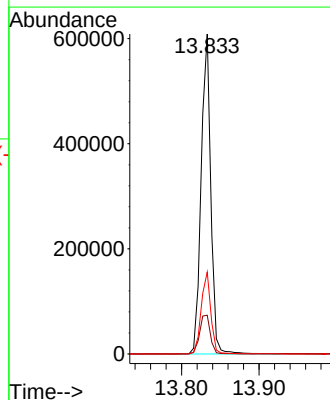
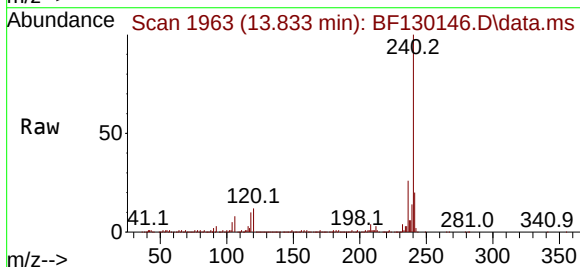
Instrument :
BNA_F
ClientSampleId :
MW-2-(22)RE

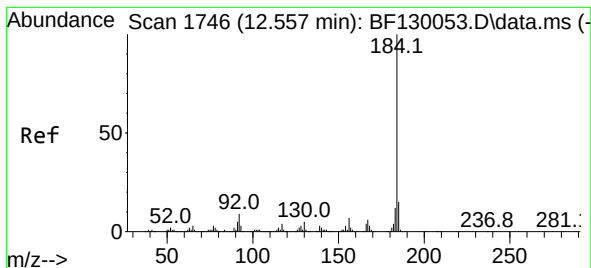
Tgt Ion:248 Resp: 25127
Ion Ratio Lower Upper
248 100
250 199.5 77.8 116.6#
141 560.9 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130146.D
Acq: 06 Sep 2022 19:47

Tgt Ion:240 Resp: 525422
Ion Ratio Lower Upper
240 100
120 12.1 9.2 13.8
236 25.6 20.7 31.1





#77

Benzidine

Concen: 2.480 ng

RT: 12.798 min Scan# 1787

Delta R.T. 0.253 min

Lab File: BF130146.D

Acq: 06 Sep 2022 19:47

Instrument :

BNA_F

ClientSampleId :

MW-2-(22)RE

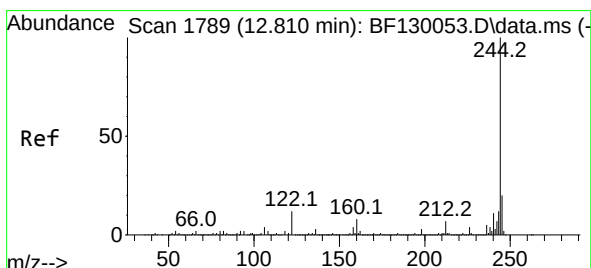
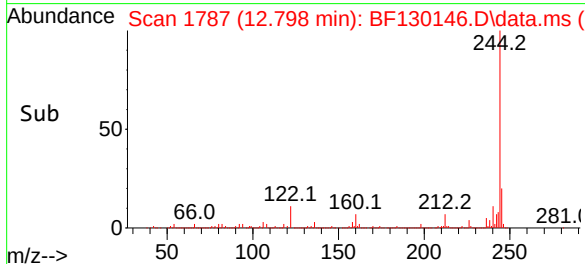
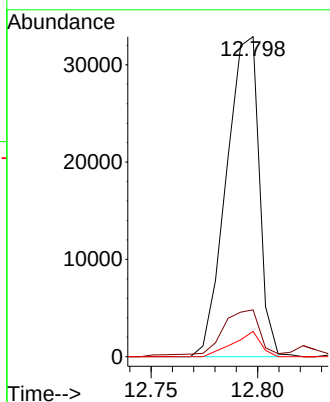
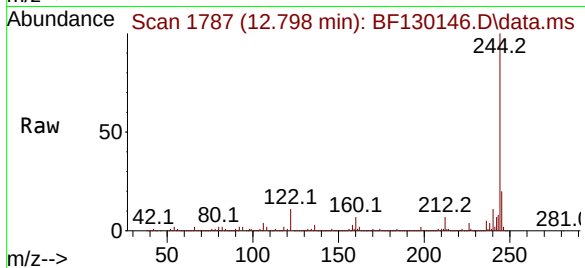
Tgt Ion:184 Resp: 35187

Ion Ratio Lower Upper

184 100

185 14.7 11.4 17.2

183 7.9 9.4 14.2#



#79

Terphenyl-d14

Concen: 84.100 ng

RT: 12.798 min Scan# 1787

Delta R.T. -0.000 min

Lab File: BF130146.D

Acq: 06 Sep 2022 19:47

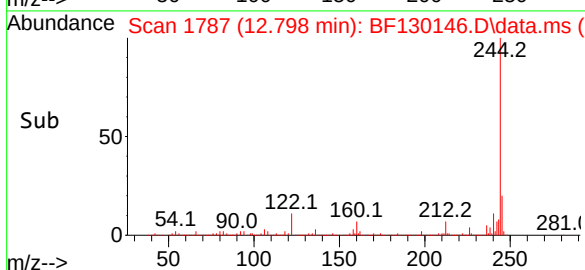
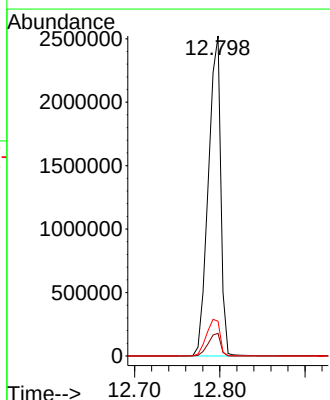
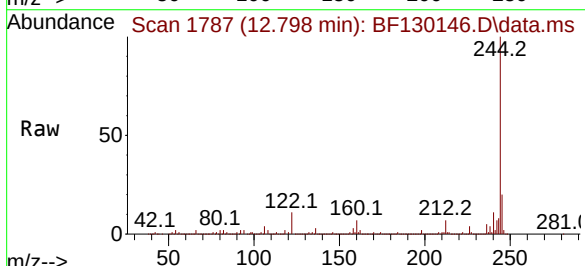
Tgt Ion:244 Resp: 2548142

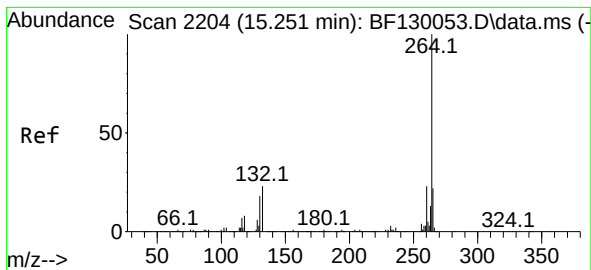
Ion Ratio Lower Upper

244 100

212 7.1 5.9 8.9

122 10.8 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF130146.D
 Acq: 06 Sep 2022 19:47

Instrument :
 BNA_F
 ClientSampleId :
 MW-2-(22)RE

Tgt Ion:264 Resp: 382823
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 20.4 16.7 25.1

