

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130290.D
 Acq On : 16 Sep 2022 14:15
 Operator : CG\JU
 Sample : N4663-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-9

Quant Time: Sep 17 02:32:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

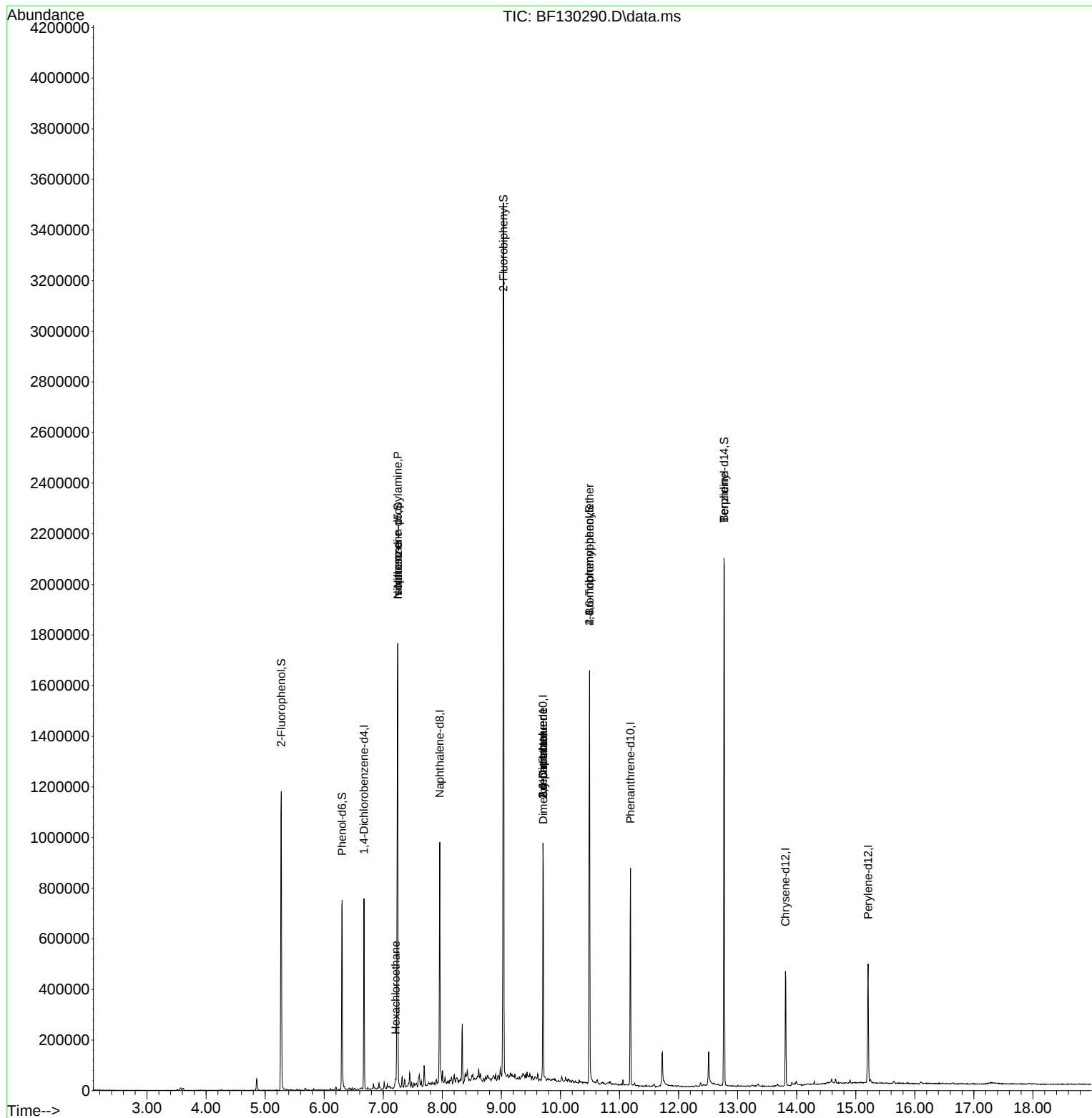
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	93791	20.000	ng	0.00
21) Naphthalene-d8	7.957	136	361858	20.000	ng	0.00
39) Acenaphthene-d10	9.704	164	186422	20.000	ng	0.00
64) Phenanthrene-d10	11.186	188	284273	20.000	ng	0.00
76) Chrysene-d12	13.810	240	152272	20.000	ng	-0.01
86) Perylene-d12	15.209	264	188885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	326211	60.326	ng	0.00
7) Phenol-d6	6.304	99	254867	37.669	ng	-0.01
23) Nitrobenzene-d5	7.245	82	593300	83.764	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	171349	95.925	ng	0.00
45) 2-Fluorobiphenyl	9.033	172	1048030	81.864	ng	0.00
79) Terphenyl-d14	12.774	244	718061	78.114	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.210	117	6317	2.319	ng	# 15
19) n-Nitroso-di-n-propyla...	7.245	70	81507	17.853	ng	# 74
25) Isophorone	7.245	82	591390	51.803	ng	# 66
50) Dimethylphthalate	9.710	163	35341	2.744	ng	# 1
51) 2,6-Dinitrotoluene	9.704	165	24908	9.249	ng	# 16
57) 2,4-Dinitrotoluene	9.704	165	24908	7.237	ng	# 16
67) 4-Bromophenyl-phenylether	10.492	248	10398	3.316	ng	# 1
77) Benzidine	12.774	184	11427	2.585	ng	# 91

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

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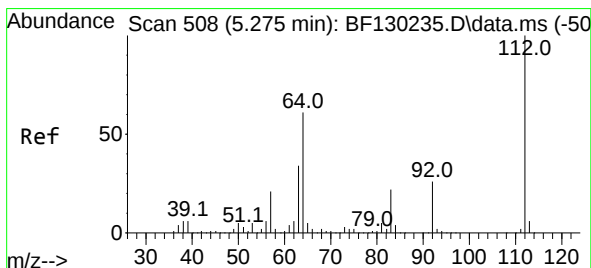
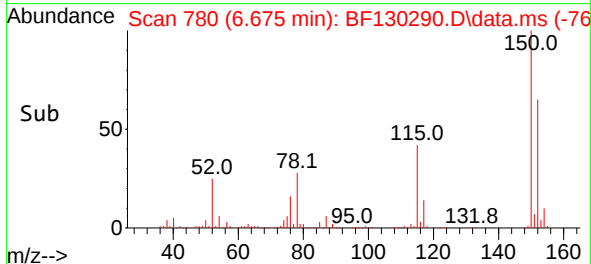
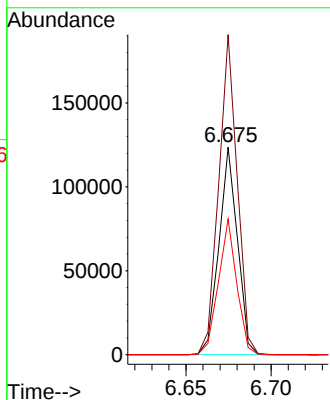
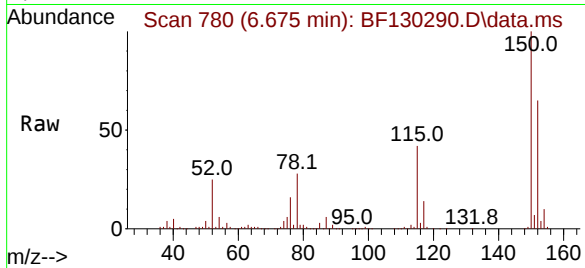




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.675 min Scan# 747
 Delta R.T. -0.006 min
 Lab File: BF130290.D
 Acq: 16 Sep 2022 14:15

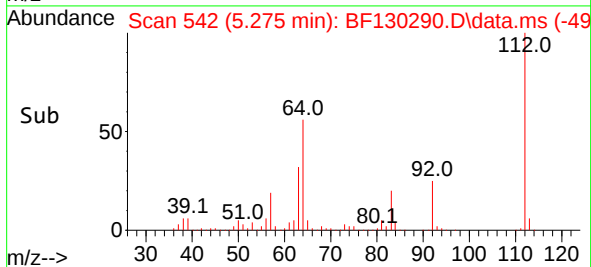
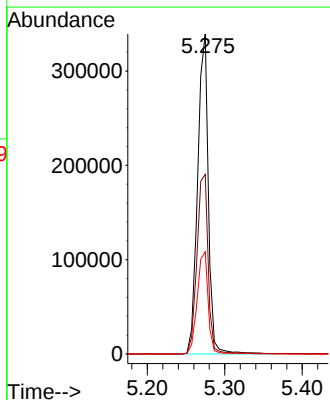
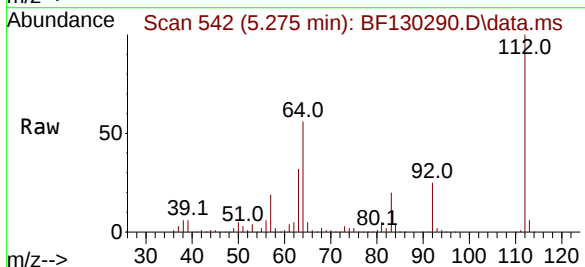
Instrument :
 BNA_F
 ClientSampleId :
 HW-9

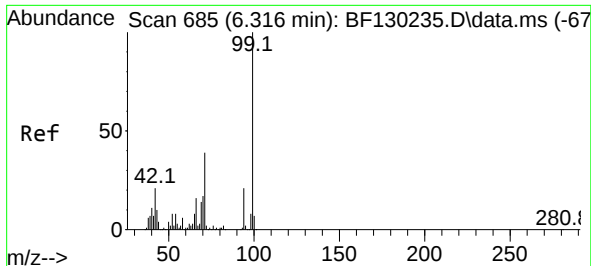
Tgt Ion:152 Resp: 93791
 Ion Ratio Lower Upper
 152 100
 150 154.2 122.8 184.2
 115 65.4 53.8 80.8



#5
 2-Fluorophenol
 Concen: 60.326 ng
 RT: 5.275 min Scan# 542
 Delta R.T. -0.000 min
 Lab File: BF130290.D
 Acq: 16 Sep 2022 14:15

Tgt Ion:112 Resp: 326211
 Ion Ratio Lower Upper
 112 100
 64 56.1 51.4 77.0
 63 31.9 28.8 43.2



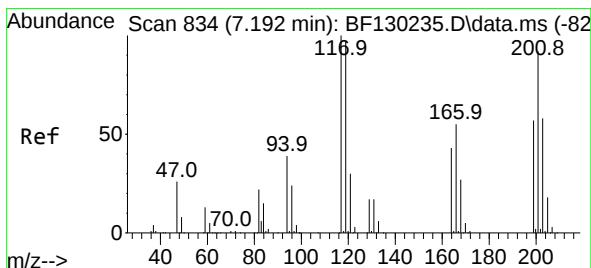
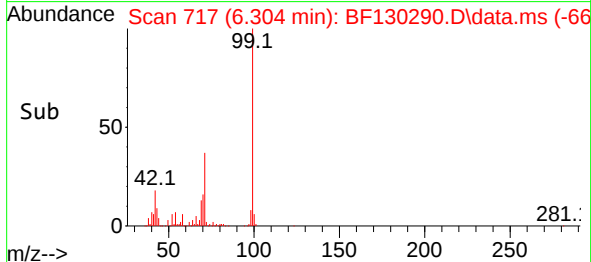
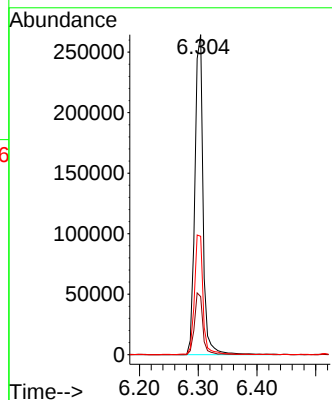
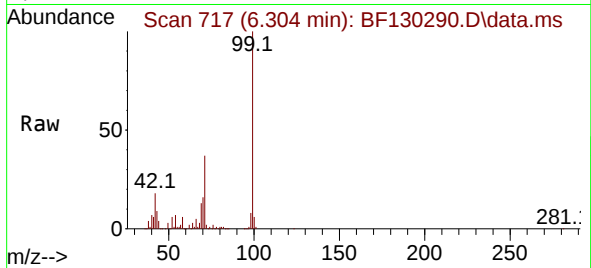


#7
Phenol-d6
Concen: 37.669 ng
RT: 6.304 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

Instrument :
BNA_F
ClientSampleId :
HW-9

Tgt Ion: 99 Resp: 254867

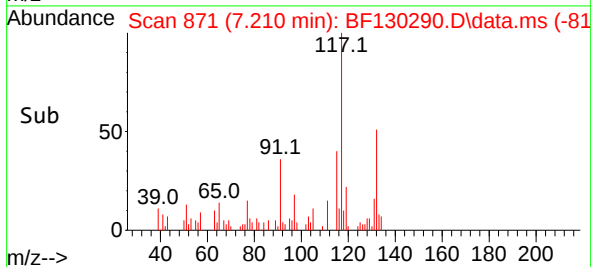
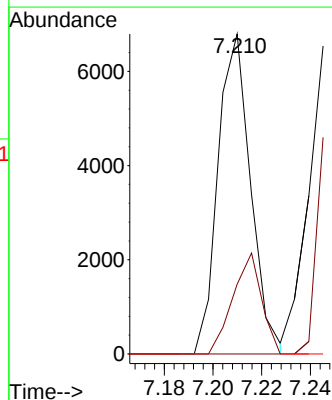
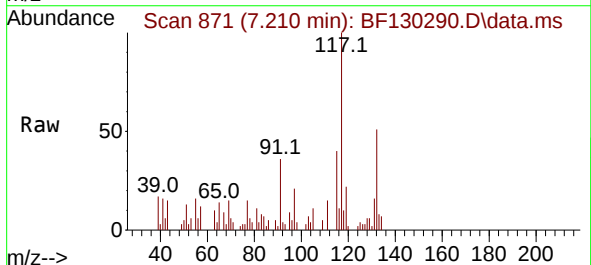
Ion	Ratio	Lower	Upper
99	100		
42	18.2	17.0	25.6
71	37.0	32.3	48.5

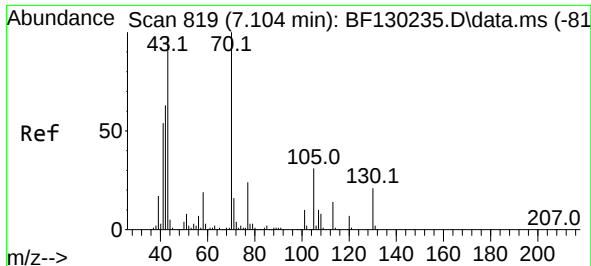


#18
Hexachloroethane
Concen: 2.319 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.018 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

Tgt Ion: 117 Resp: 6317

Ion	Ratio	Lower	Upper
117	100		
119	21.8	77.8	116.6#
201	0.0	68.7	103.1#

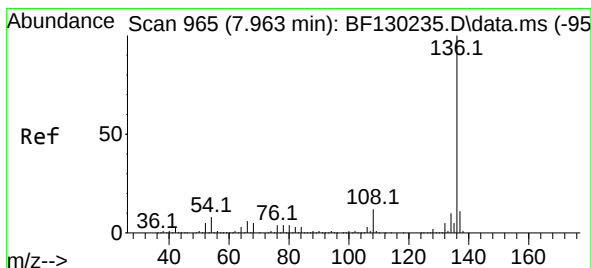
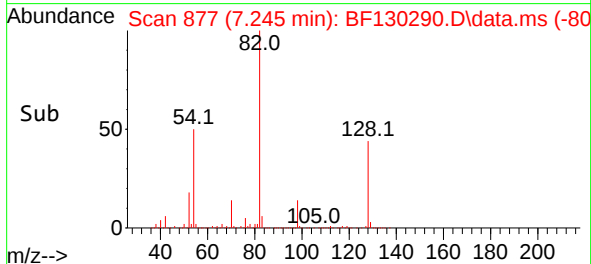
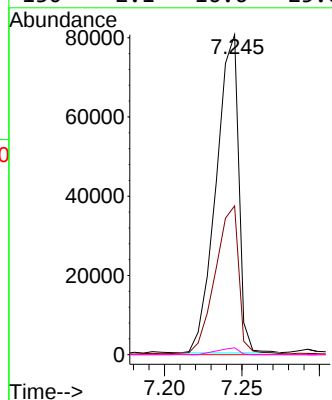
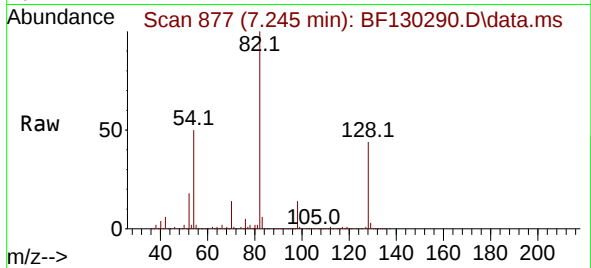




#19
n-Nitroso-di-n-propylamine
Concen: 17.853 ng
RT: 7.245 min Scan# 819
Delta R.T. 0.141 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

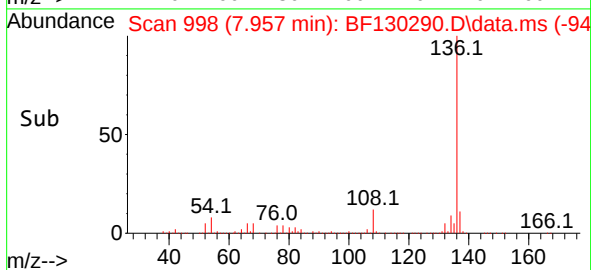
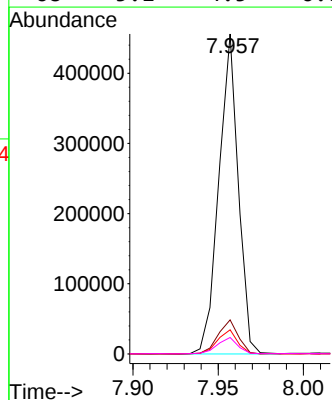
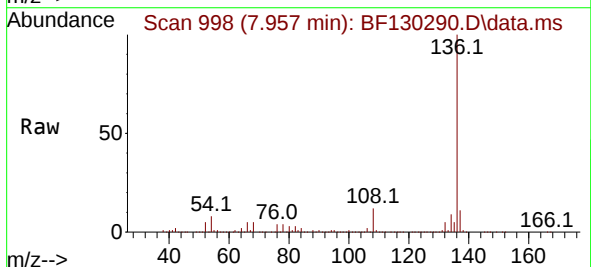
Instrument :
BNA_F
ClientSampleId :
HW-9

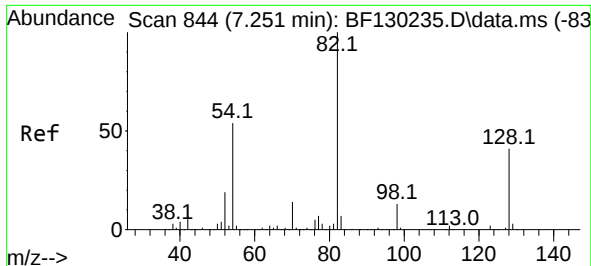
Tgt Ion: 70 Resp: 81507
Ion Ratio Lower Upper
70 100
42 46.5 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.957 min Scan# 998
Delta R.T. -0.006 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

Tgt Ion:136 Resp: 361858
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.5 7.1 10.7
68 5.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 83.764 ng

RT: 7.245 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF130290.D

Acq: 16 Sep 2022 14:15

Instrument :

BNA_F

ClientSampleId :

HW-9

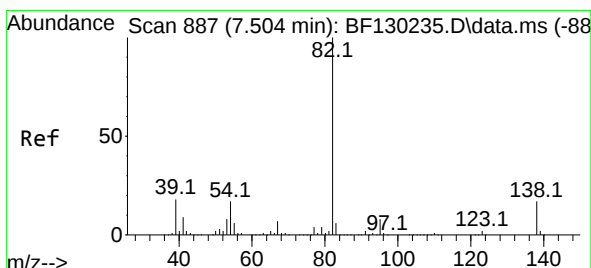
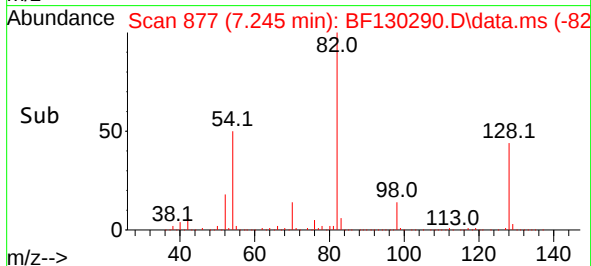
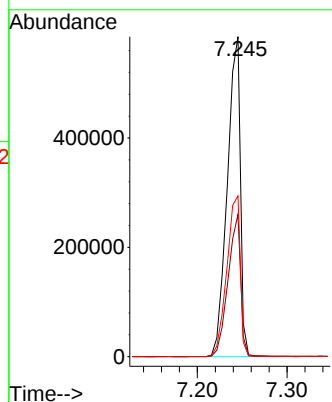
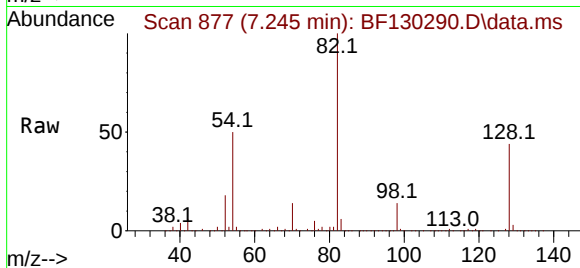
Tgt Ion: 82 Resp: 593300

Ion Ratio Lower Upper

82 100

128 44.5 32.6 49.0

54 50.3 43.8 65.6



#25

Isophorone

Concen: 51.803 ng

RT: 7.245 min Scan# 877

Delta R.T. -0.259 min

Lab File: BF130290.D

Acq: 16 Sep 2022 14:15

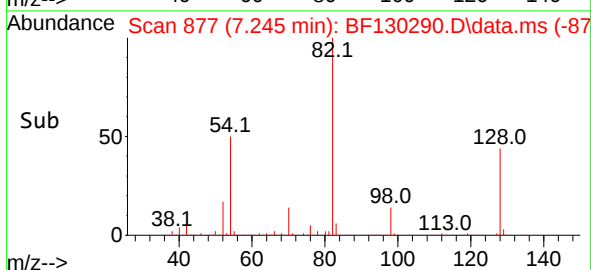
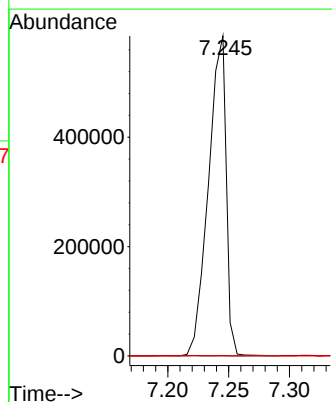
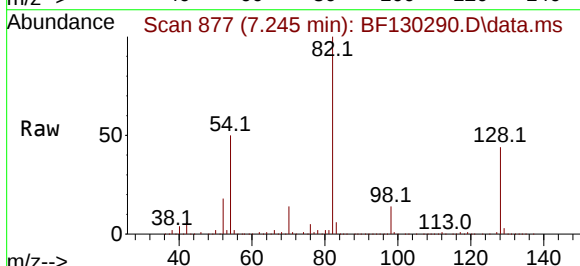
Tgt Ion: 82 Resp: 591390

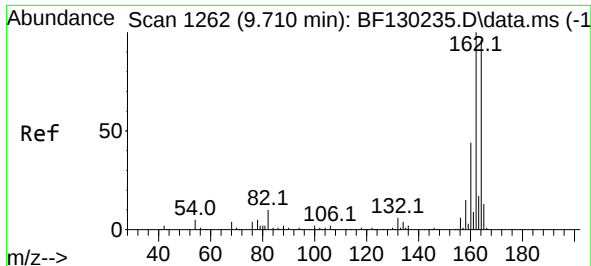
Ion Ratio Lower Upper

82 100

95 0.2 6.4 9.6#

138 0.0 13.8 20.6#

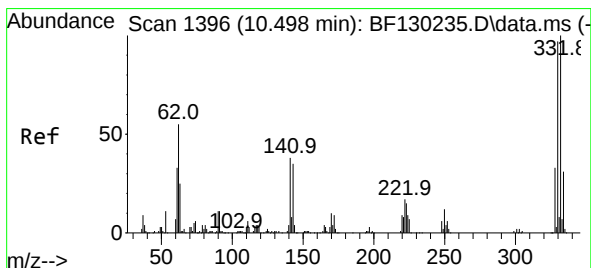
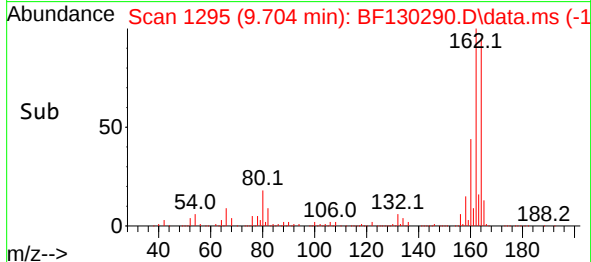
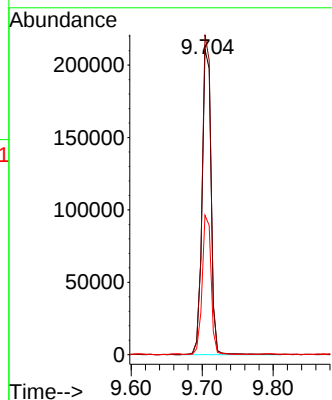
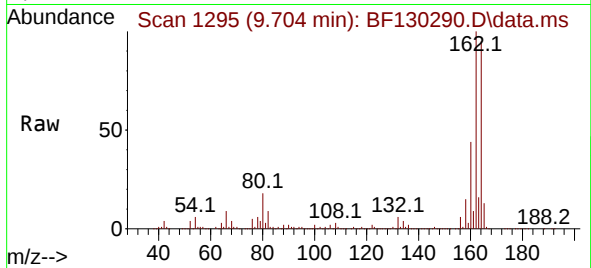




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

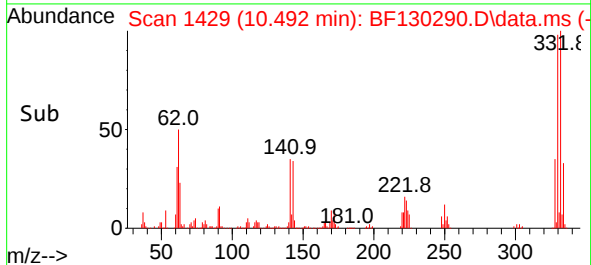
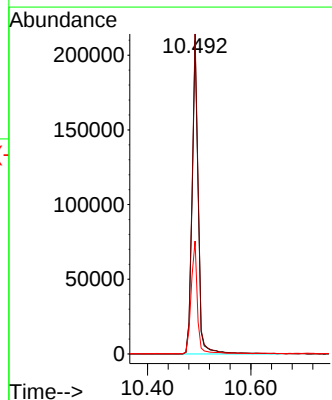
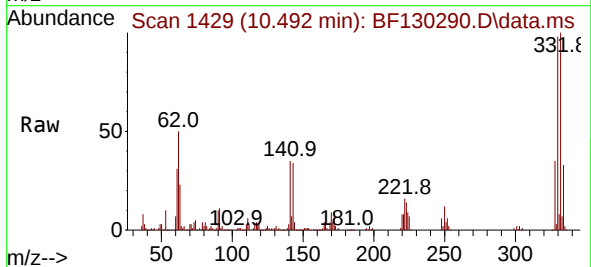
Instrument :
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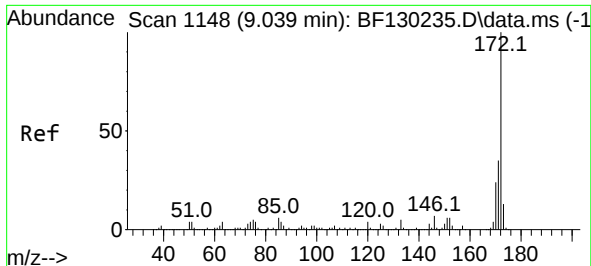
Tgt Ion:164 Resp: 186422
Ion Ratio Lower Upper
164 100
162 104.8 81.4 122.0
160 45.6 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 95.925 ng
RT: 10.492 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

Tgt Ion:330 Resp: 171349
Ion Ratio Lower Upper
330 100
332 102.6 83.4 125.2
141 36.4 34.0 51.0

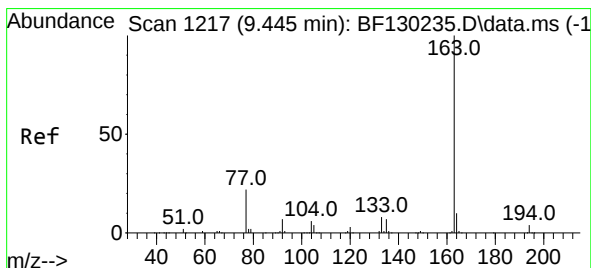
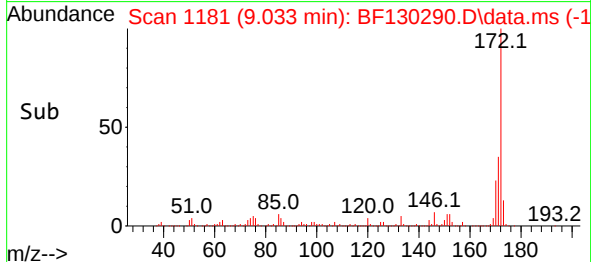
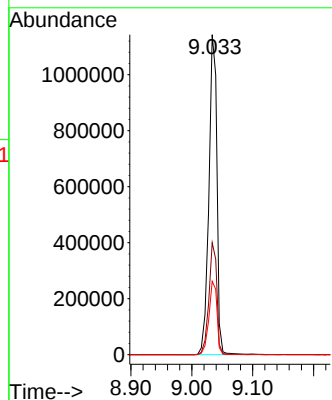
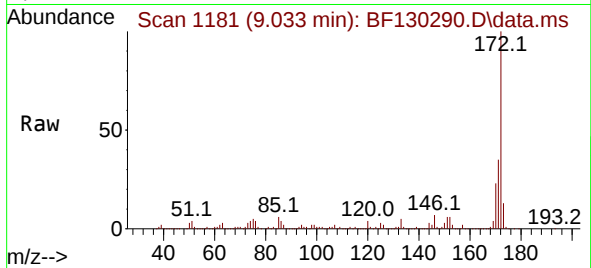




#45
2-Fluorobiphenyl
Concen: 81.864 ng
RT: 9.033 min Scan# 1148
Delta R.T. -0.006 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

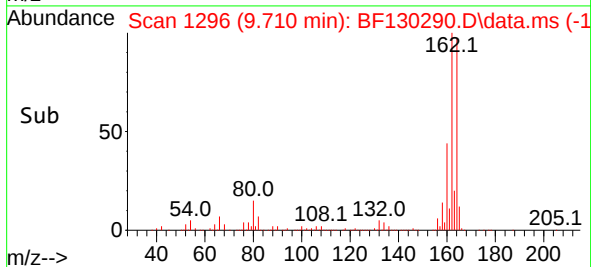
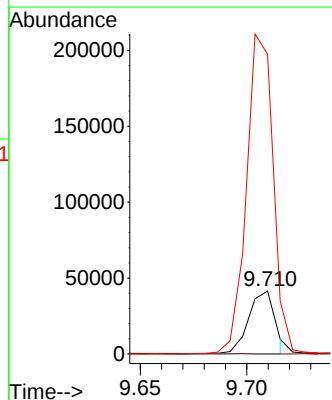
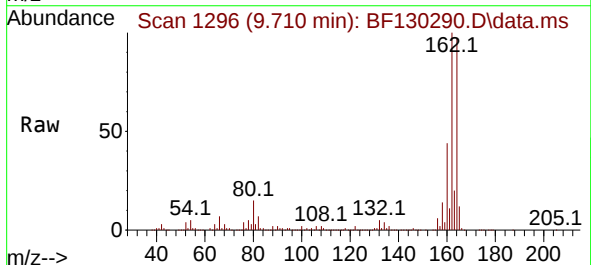
Instrument :
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HW-9

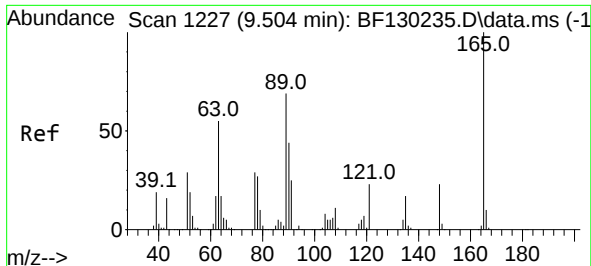
Tgt Ion:172 Resp: 1048030
Ion Ratio Lower Upper
172 100
171 35.0 28.3 42.5
170 22.9 18.7 28.1



#50
Dimethylphthalate
Concen: 2.744 ng
RT: 9.710 min Scan# 1296
Delta R.T. 0.265 min
Lab File: BF130290.D
Acq: 16 Sep 2022 14:15

Tgt Ion:163 Resp: 35341
Ion Ratio Lower Upper
163 100
194 0.0 2.8 4.2#
164 477.4 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.249 ng

RT: 9.704 min Scan# 1295

Delta R.T. 0.200 min

Lab File: BF130290.D

Acq: 16 Sep 2022 14:15

Instrument :

BNA_F

ClientSampleId :

HW-9

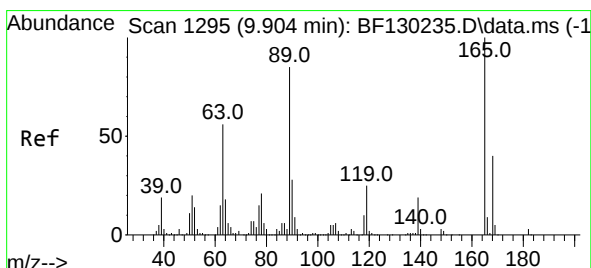
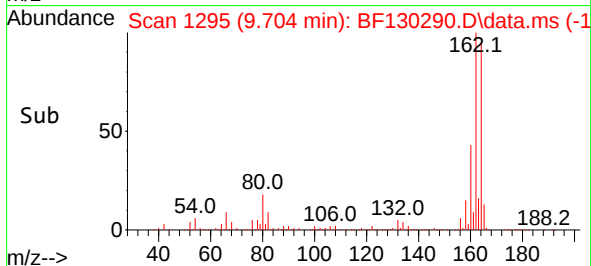
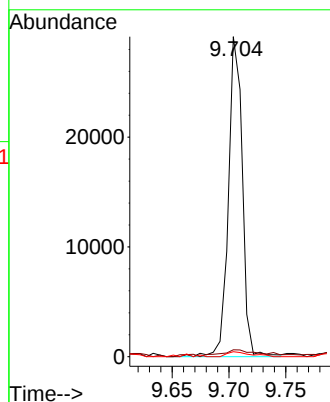
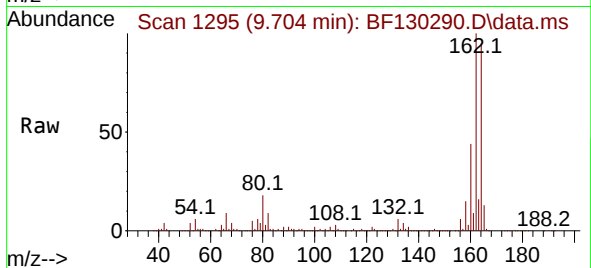
Tgt Ion:165 Resp: 24908

Ion Ratio Lower Upper

165 100

63 2.2 58.8 88.2#

89 1.5 54.5 81.7#



#57

2,4-Dinitrotoluene

Concen: 7.237 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.200 min

Lab File: BF130290.D

Acq: 16 Sep 2022 14:15

Tgt Ion:165 Resp: 24908

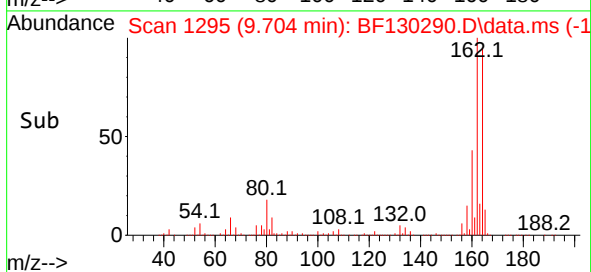
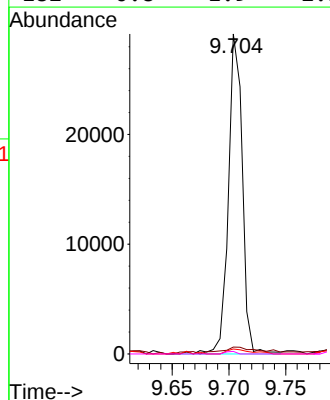
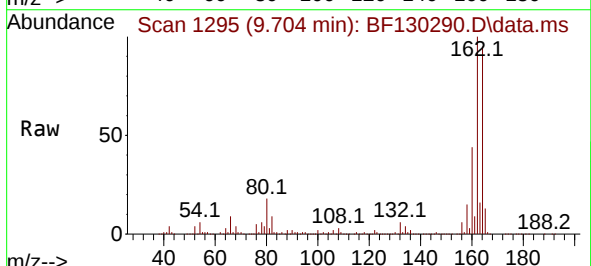
Ion Ratio Lower Upper

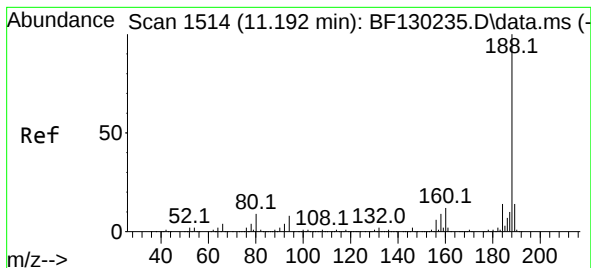
165 100

63 2.2 44.7 67.1#

89 1.5 69.0 103.4#

182 0.8 1.9 2.9#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.186 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130290.D

Acq: 16 Sep 2022 14:15

Instrument :

BNA_F

ClientSampleId :

HW-9

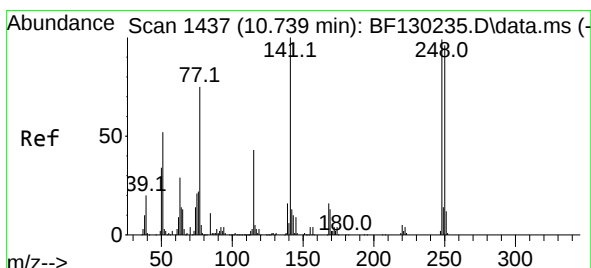
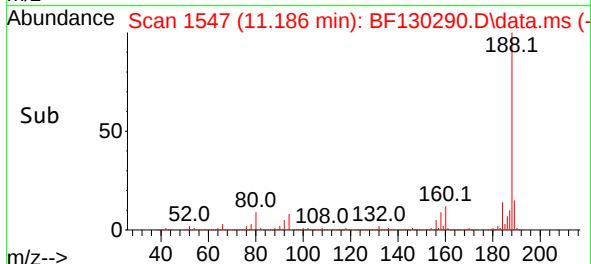
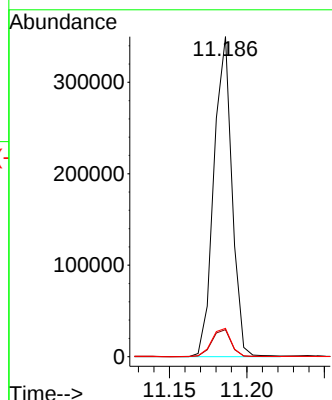
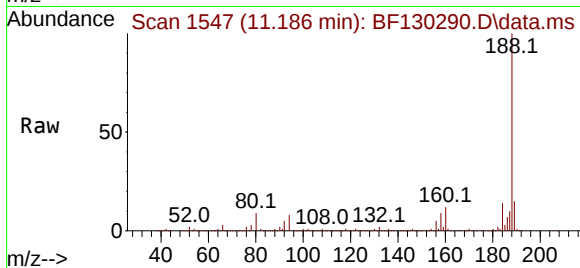
Tgt Ion:188 Resp: 284273

Ion Ratio Lower Upper

188 100

94 8.5 7.4 11.2

80 8.9 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.316 ng

RT: 10.492 min Scan# 1429

Delta R.T. -0.247 min

Lab File: BF130290.D

Acq: 16 Sep 2022 14:15

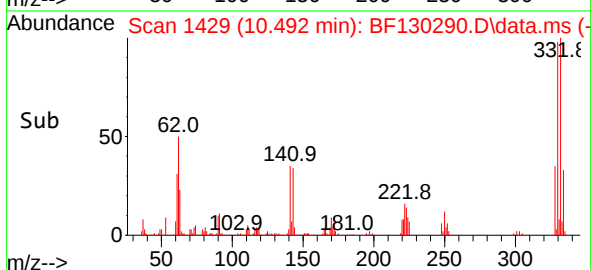
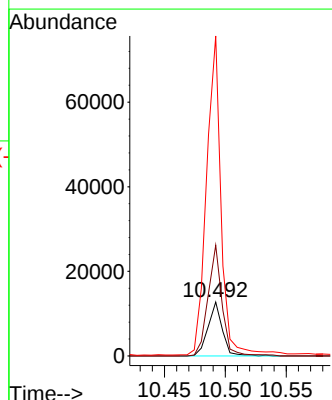
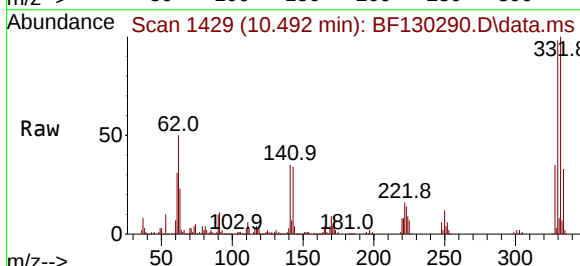
Tgt Ion:248 Resp: 10398

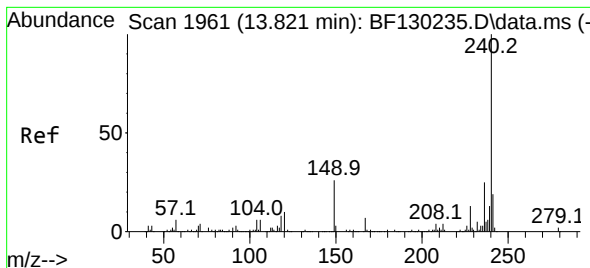
Ion Ratio Lower Upper

248 100

250 205.1 80.0 120.0#

141 592.5 68.5 102.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.810 min Scan# 1961

Delta R.T. -0.012 min

Lab File: BF130290.D

Acq: 16 Sep 2022 14:15

Instrument :

BNA_F

ClientSampleId :

HW-9

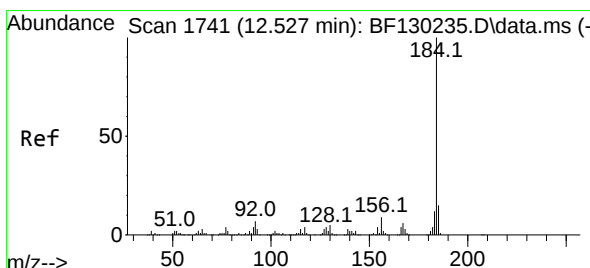
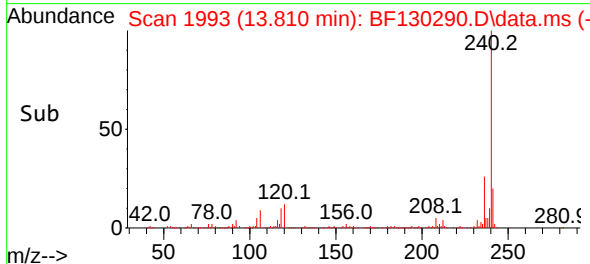
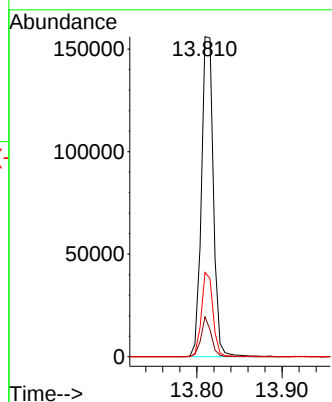
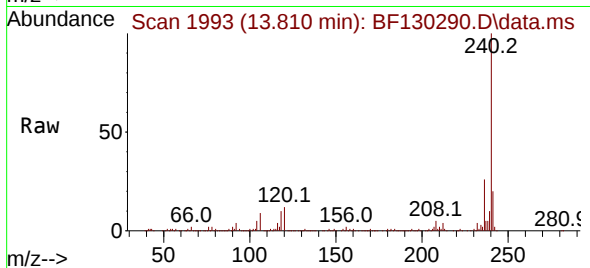
Tgt Ion:240 Resp: 152272

Ion Ratio Lower Upper

240 100

120 12.5 8.7 13.1

236 26.3 20.9 31.3



#77

Benzidine

Concen: 2.585 ng

RT: 12.774 min Scan# 1817

Delta R.T. 0.247 min

Lab File: BF130290.D

Acq: 16 Sep 2022 14:15

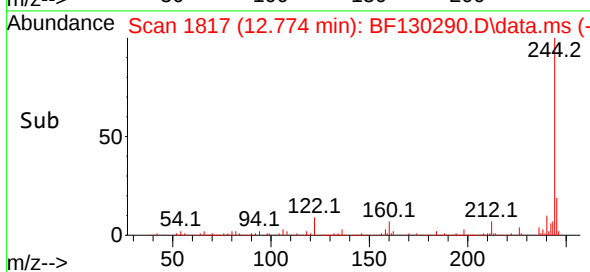
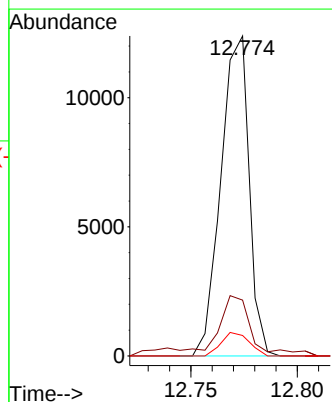
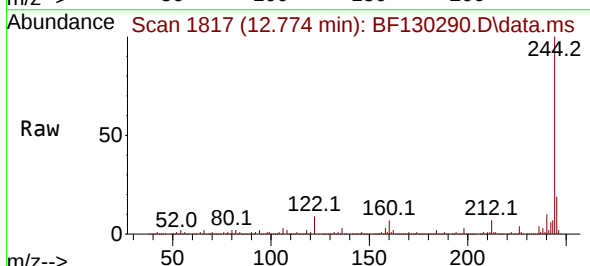
Tgt Ion:184 Resp: 11427

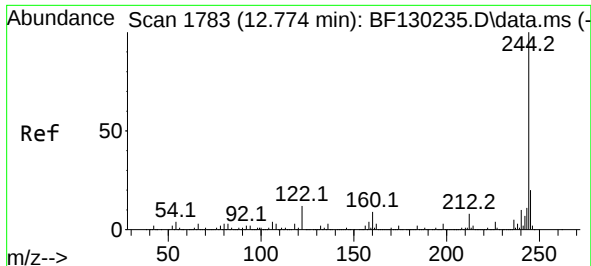
Ion Ratio Lower Upper

184 100

185 17.5 11.8 17.6

183 6.4 9.1 13.7#

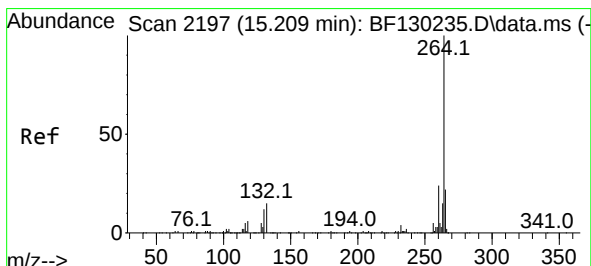
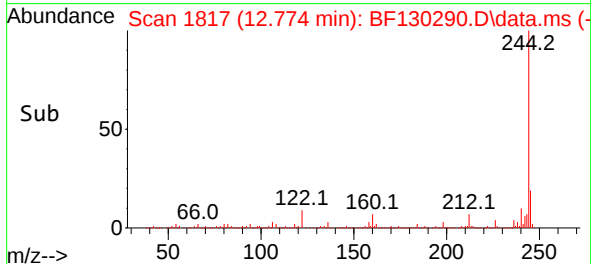
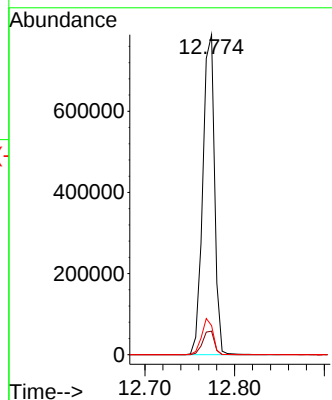
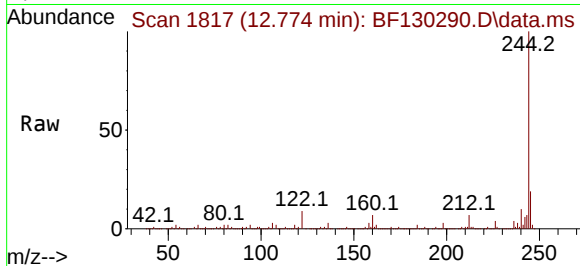




#79
 Terphenyl-d14
 Concen: 78.114 ng
 RT: 12.774 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130290.D
 Acq: 16 Sep 2022 14:15

Instrument :
 BNA_F
 ClientSampleId :
 HW-9

Tgt Ion:244 Resp: 718061
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 9.1 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.209 min Scan# 2231
 Delta R.T. -0.000 min
 Lab File: BF130290.D
 Acq: 16 Sep 2022 14:15

Tgt Ion:264 Resp: 188885
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 21.5 17.0 25.4

