

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091622\
 Data File : BF130295.D
 Acq On : 16 Sep 2022 17:47
 Operator : CG\JU
 Sample : N4663-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HW-43

Quant Time: Sep 17 03:26:15 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 03:22:32 2022
 Response via : Initial Calibration

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

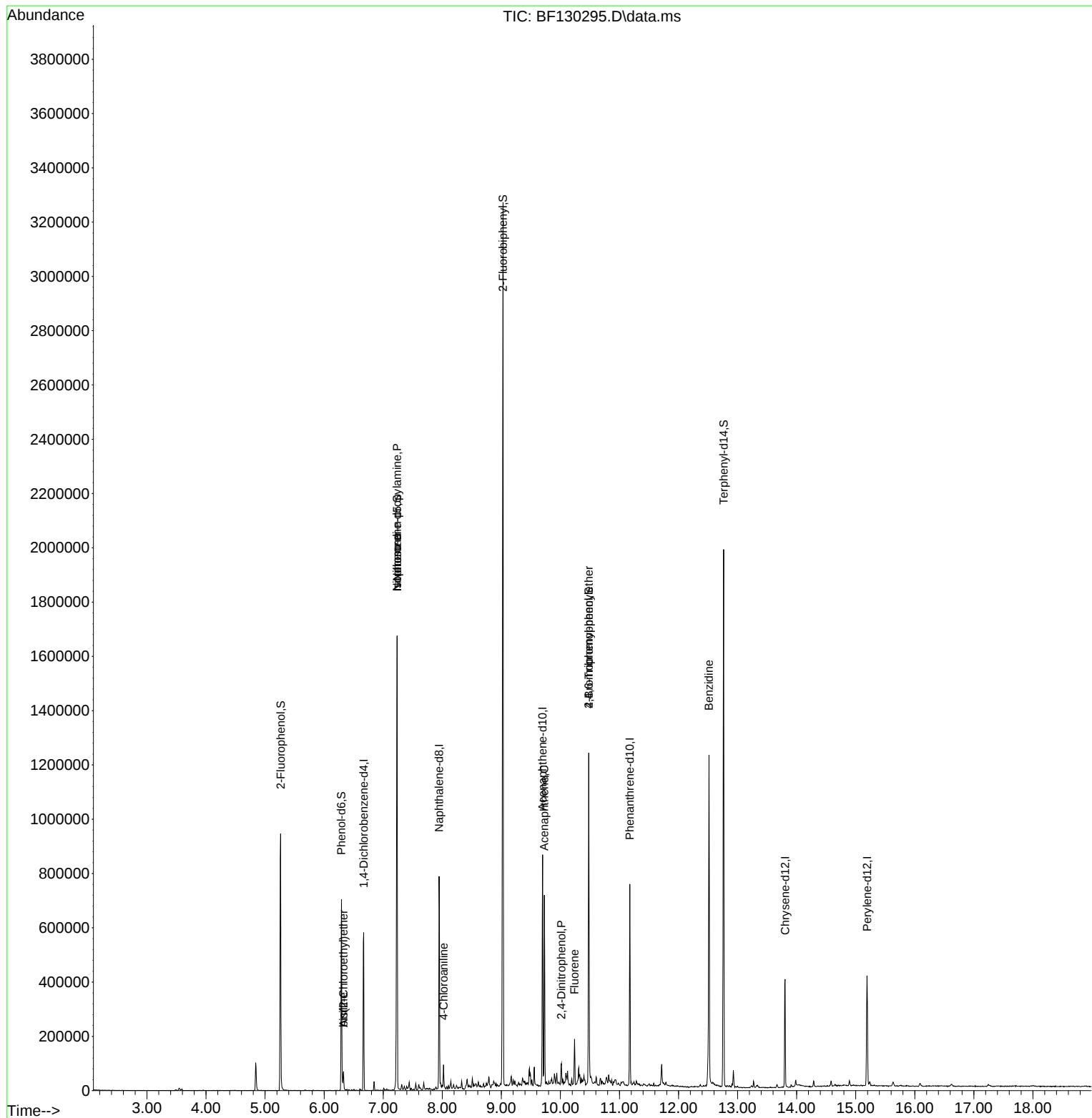
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.669	152	82817	20.000	ng	0.00
21) Naphthalene-d8	7.945	136	322359	20.000	ng	0.00
39) Acenaphthene-d10	9.698	164	156066	20.000	ng	0.00
64) Phenanthrene-d10	11.175	188	226306	20.000	ng	0.00
76) Chrysene-d12	13.804	240	131282	20.000	ng	0.00
86) Perylene-d12	15.192	264	164244	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	249964	52.351	ng	0.00
7) Phenol-d6	6.293	99	204260	34.189	ng	-0.01
23) Nitrobenzene-d5	7.234	82	531253	84.195	ng	0.00
42) 2,4,6-Tribromophenol	10.481	330	120998	80.913	ng	-0.01
45) 2-Fluorobiphenyl	9.028	172	929195	86.700	ng	0.00
79) Terphenyl-d14	12.763	244	614989	77.598	ng	0.00
Target Compounds						
						Qvalue
6) Aniline	6.328	93	19689	2.675	ng	98
11) bis(2-Chloroethyl)ether	6.328	93	19689	3.899	ng	# 22
19) n-Nitroso-di-n-propyla...	7.234	70	72783	18.054	ng	# 74
25) Isophorone	7.234	82	529742	52.089	ng	# 66
33) 4-Chloroaniline	8.022	127	20510	3.247	ng	99
52) Acenaphthene	9.728	154	129584	13.951	ng	99
54) 2,4-Dinitrophenol	10.016	184	66	6.304	ng	# 1
58) Fluorene	10.239	166	35376	3.348	ng	95
67) 4-Bromophenyl-phenylether	10.481	248	7753	3.106	ng	# 1
77) Benzidine	12.516	184	394214	103.441	ng	99

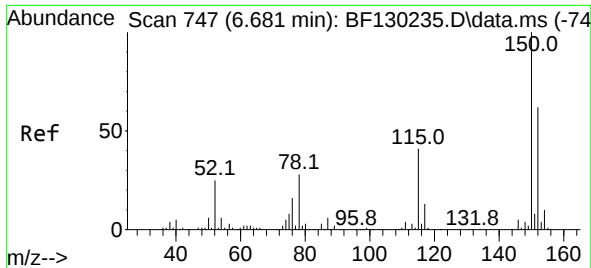
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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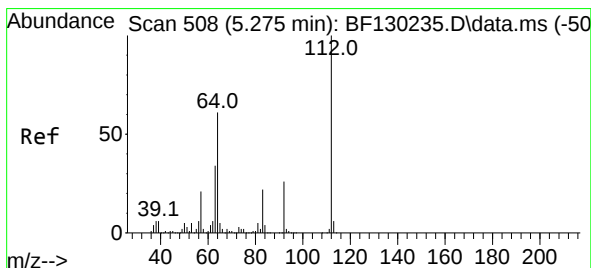
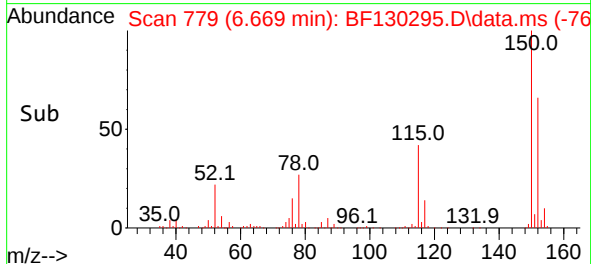
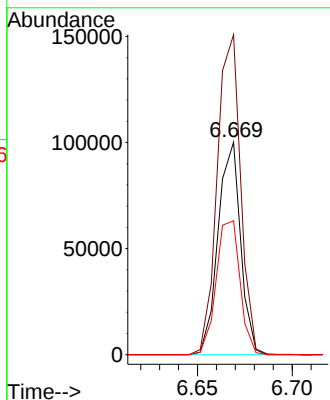
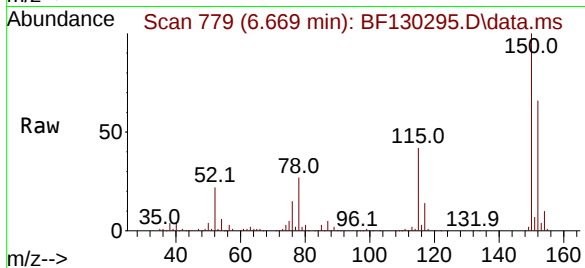




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.669 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130295.D
 Acq: 16 Sep 2022 17:47

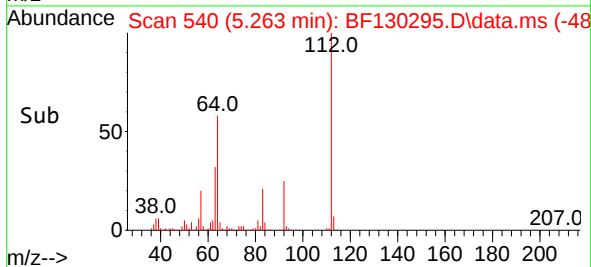
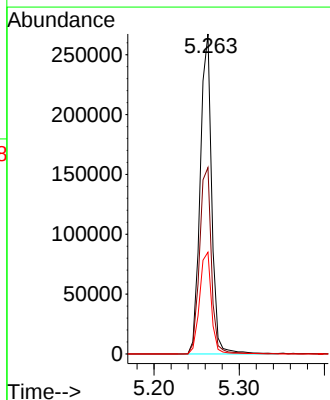
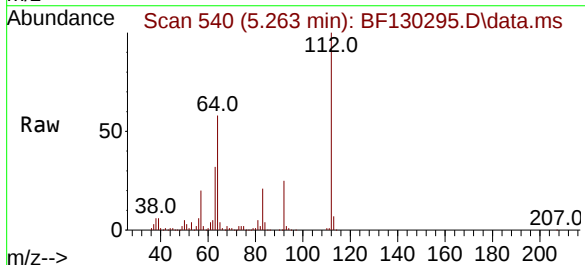
Instrument :
 BNA_F
 ClientSampleId :
 HW-43

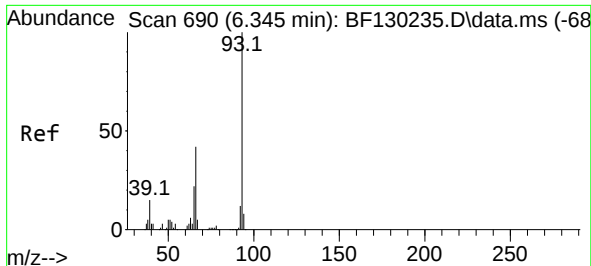
Tgt Ion:152 Resp: 82817
 Ion Ratio Lower Upper
 152 100
 150 150.6 122.8 184.2
 115 63.1 53.8 80.8



#5
 2-Fluorophenol
 Concen: 52.351 ng
 RT: 5.263 min Scan# 540
 Delta R.T. 0.000 min
 Lab File: BF130295.D
 Acq: 16 Sep 2022 17:47

Tgt Ion:112 Resp: 249964
 Ion Ratio Lower Upper
 112 100
 64 58.3 51.4 77.0
 63 31.8 28.8 43.2

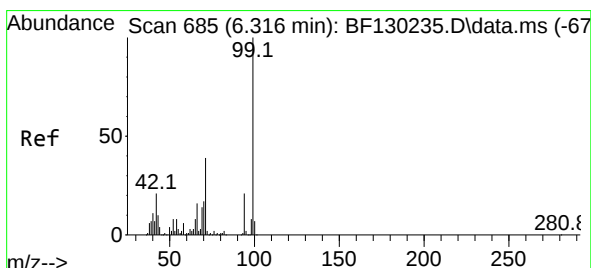
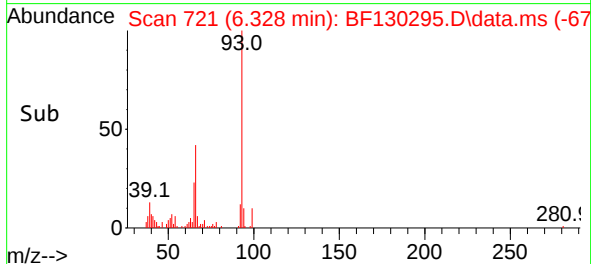
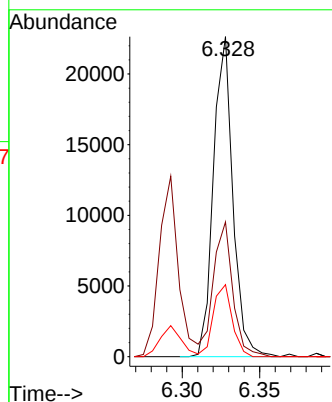
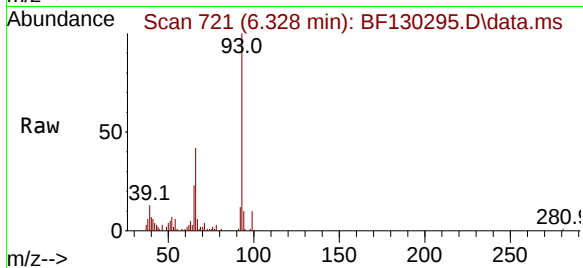




#6
Aniline
Concen: 2.675 ng
RT: 6.328 min Scan# 715
Delta R.T. -0.006 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

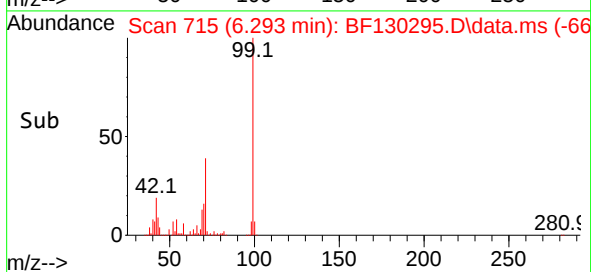
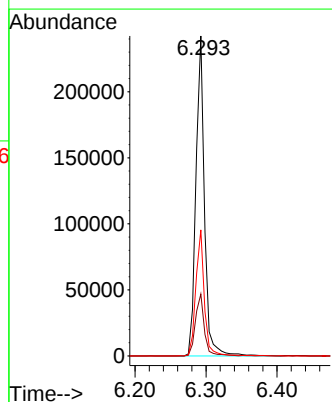
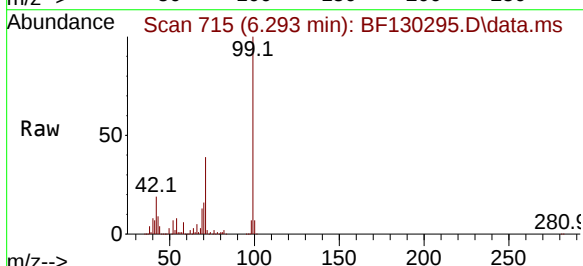
Instrument :
BNA_F
ClientSampleId :
HW-43

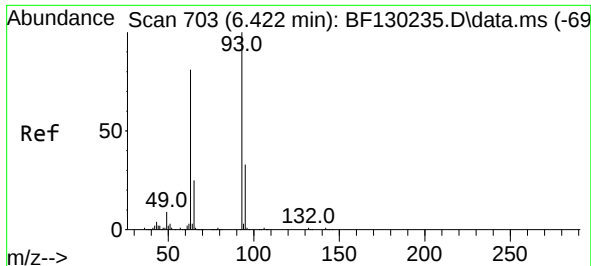
Tgt Ion: 93 Resp: 19689
Ion Ratio Lower Upper
93 100
66 42.1 34.2 51.4
65 22.5 16.6 24.8



#7
Phenol-d6
Concen: 34.189 ng
RT: 6.293 min Scan# 715
Delta R.T. -0.012 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

Tgt Ion: 99 Resp: 204260
Ion Ratio Lower Upper
99 100
42 19.4 17.0 25.6
71 39.4 32.3 48.5

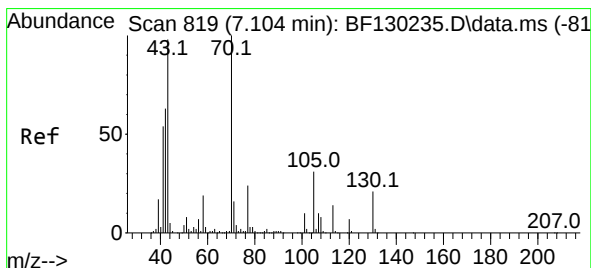
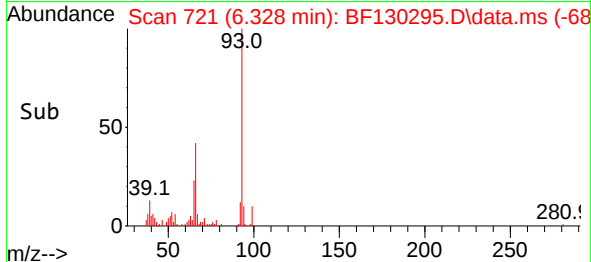
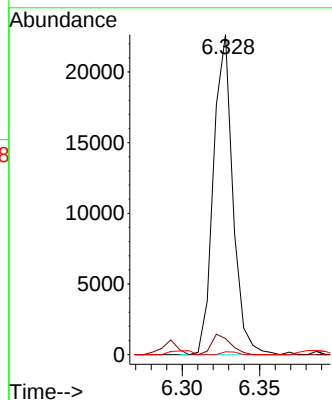
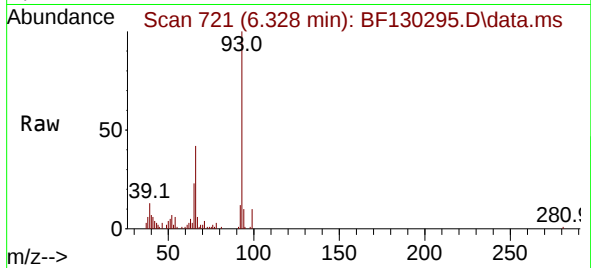




#11
bis(2-Chloroethyl)ether
Concen: 3.899 ng
RT: 6.328 min Scan# 703
Delta R.T. -0.088 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

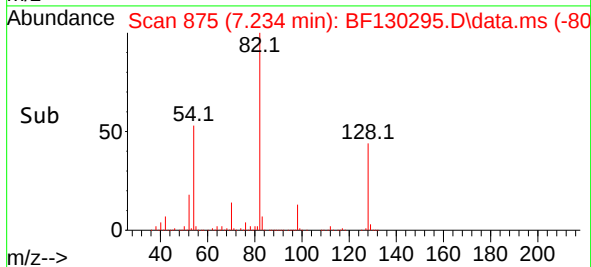
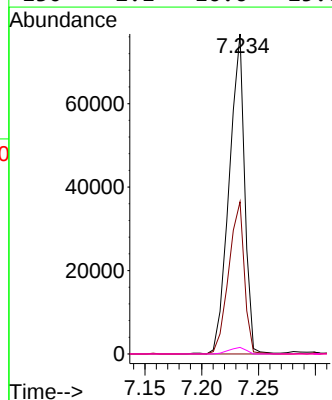
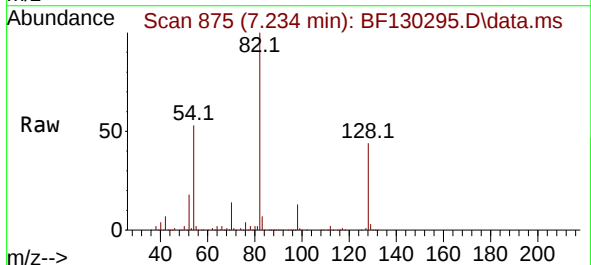
Instrument :
BNA_F
ClientSampleId :
HW-43

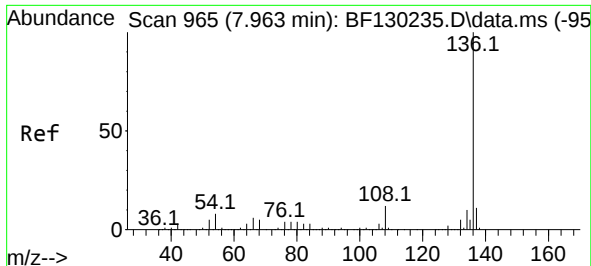
Tgt Ion: 93 Resp: 19689
Ion Ratio Lower Upper
93 100
63 5.1 62.5 102.5#
95 0.9 12.5 52.5#



#19
n-Nitroso-di-n-propylamine
Concen: 18.054 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.136 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

Tgt Ion: 70 Resp: 72783
Ion Ratio Lower Upper
70 100
42 47.6 50.8 76.2#
101 0.0 8.2 12.4#
130 2.1 16.6 25.0#

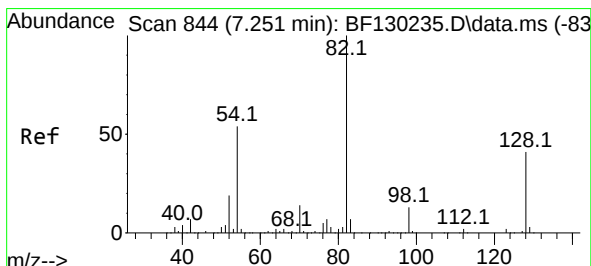
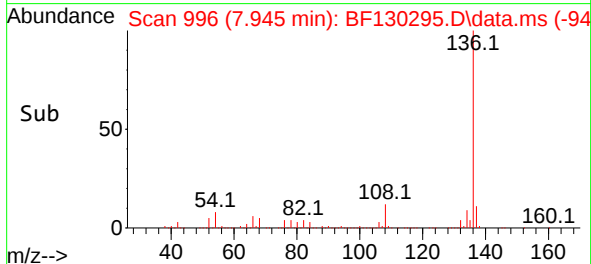
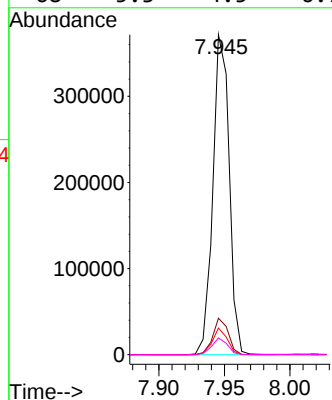
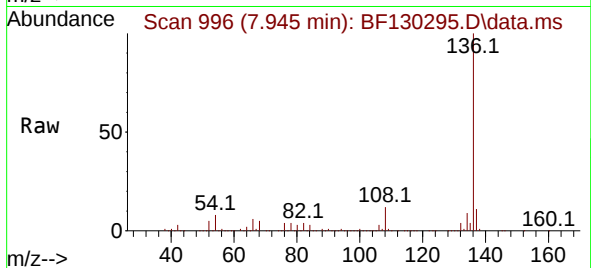




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.945 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

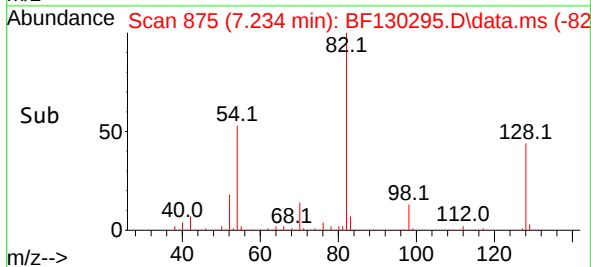
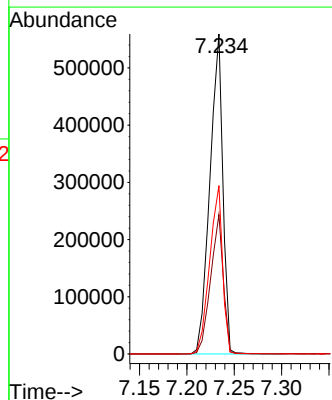
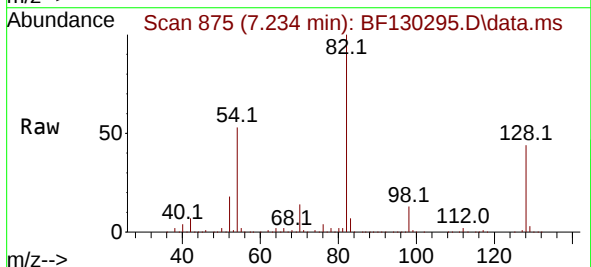
Instrument :
BNA_F
ClientSampleId :
HW-43

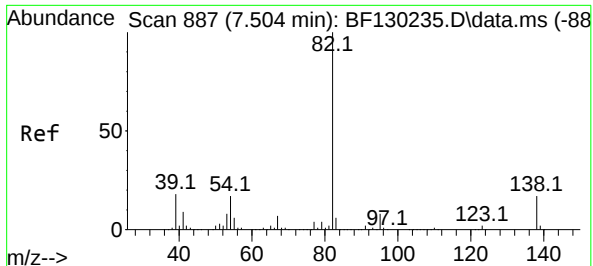
Tgt Ion:136	Resp: 322359
Ion Ratio	Lower Upper
136	100
137	11.4 9.1 13.7
54	8.3 7.1 10.7
68	5.3 4.5 6.7



#23
Nitrobenzene-d5
Concen: 84.195 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.006 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

Tgt Ion: 82	Resp: 531253
Ion Ratio	Lower Upper
82	100
128	43.5 32.6 49.0
54	52.6 43.8 65.6

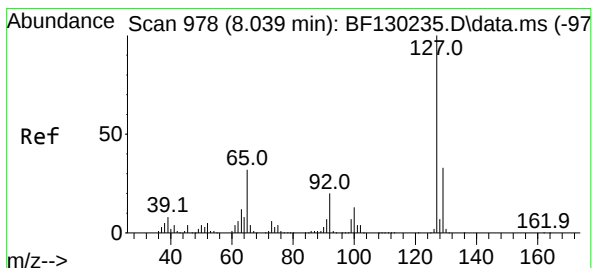
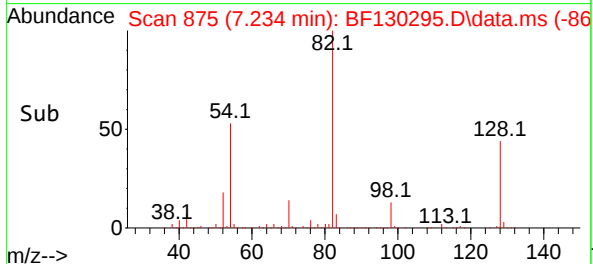
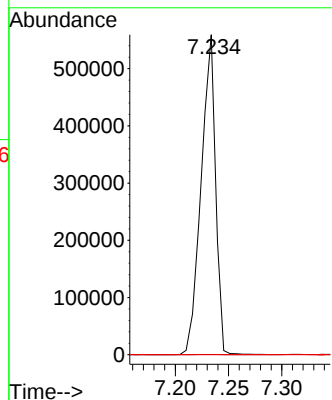
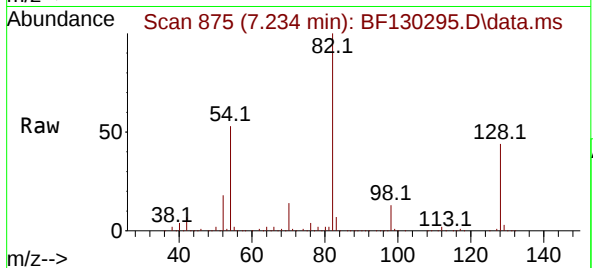




#25
Isophorone
Concen: 52.089 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.264 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

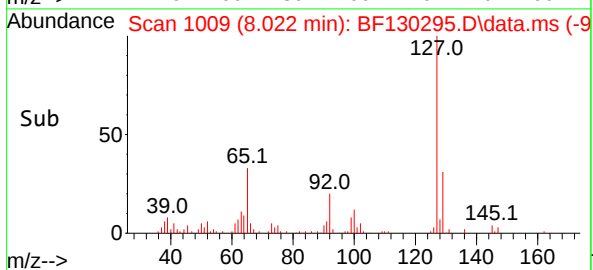
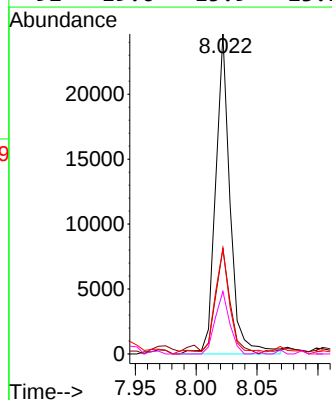
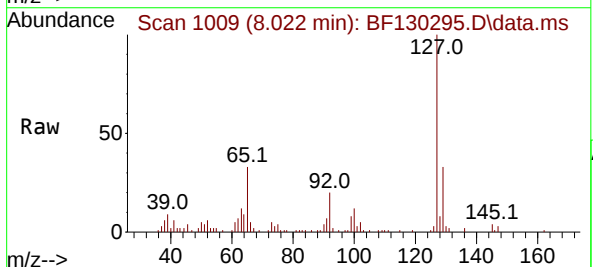
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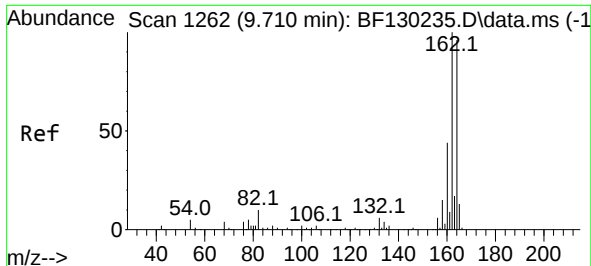
Tgt Ion: 82 Resp: 529742
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#33
4-Chloroaniline
Concen: 3.247 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

Tgt Ion: 127 Resp: 20510
Ion Ratio Lower Upper
127 100
129 32.9 25.6 38.4
65 33.0 27.0 40.6
92 19.6 15.9 23.9

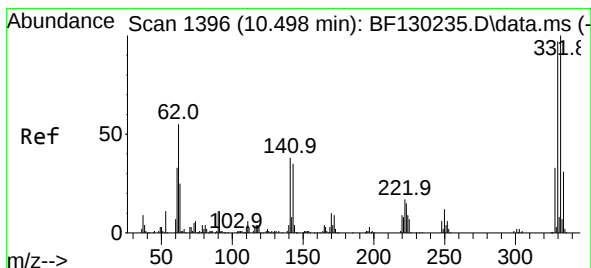
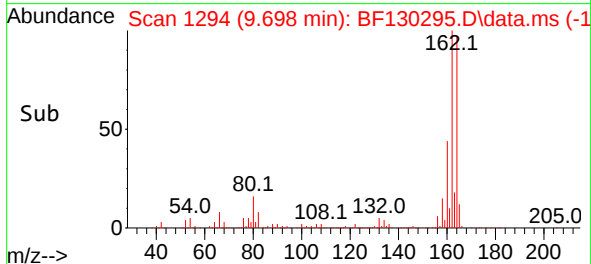
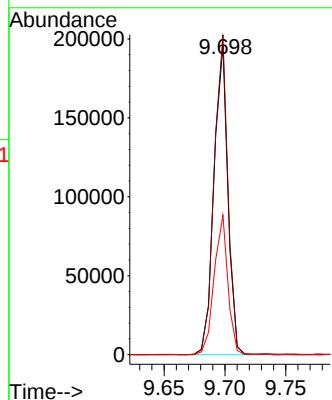
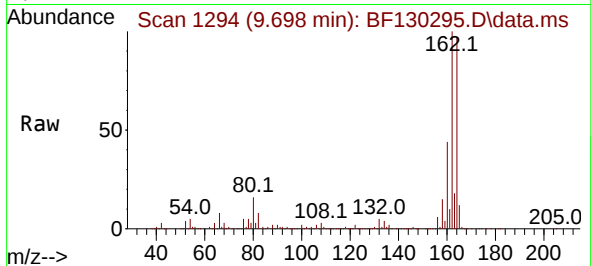




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.698 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

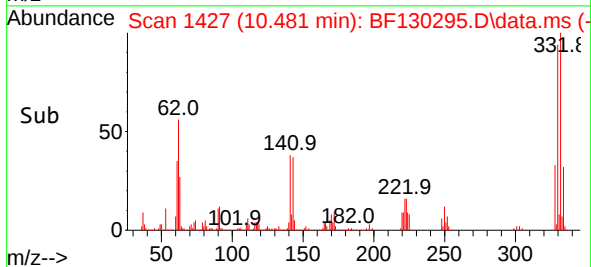
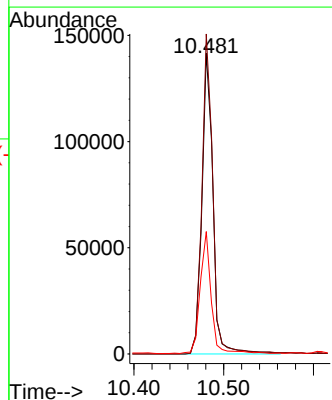
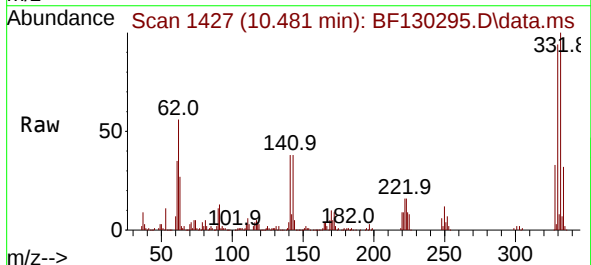
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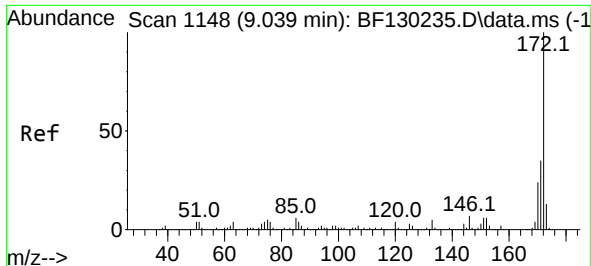
Tgt Ion:164 Resp: 156066
Ion Ratio Lower Upper
164 100
162 103.4 81.4 122.0
160 45.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 80.913 ng
RT: 10.481 min Scan# 1427
Delta R.T. -0.012 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

Tgt Ion:330 Resp: 120998
Ion Ratio Lower Upper
330 100
332 105.4 83.4 125.2
141 40.6 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 86.700 ng

RT: 9.028 min Scan# 1148

Delta R.T. -0.006 min

Lab File: BF130295.D

Acq: 16 Sep 2022 17:47

Instrument :

BNA_F

ClientSampleId :

HW-43

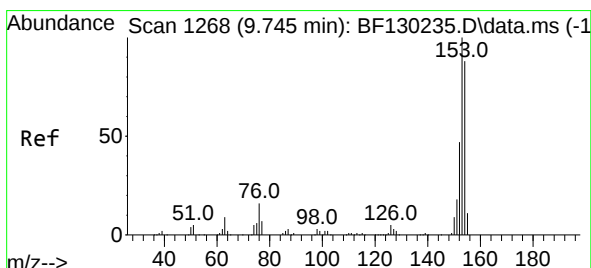
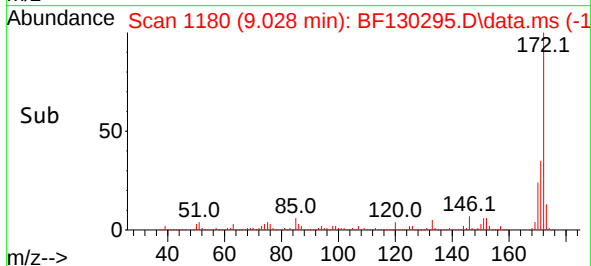
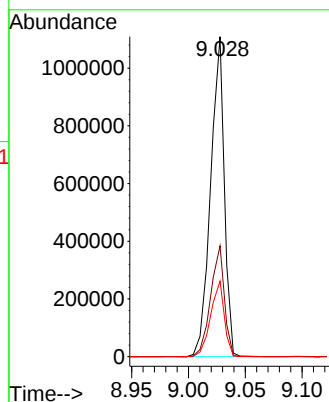
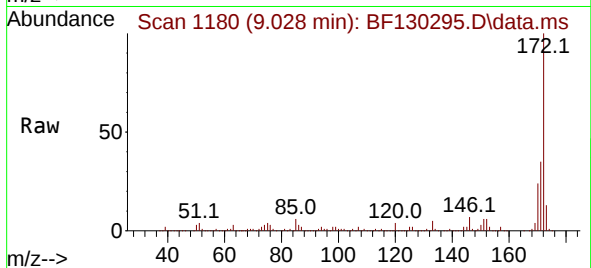
Tgt Ion:172 Resp: 929195

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.6 18.7 28.1



#52

Acenaphthene

Concen: 13.951 ng

RT: 9.728 min Scan# 1299

Delta R.T. -0.012 min

Lab File: BF130295.D

Acq: 16 Sep 2022 17:47

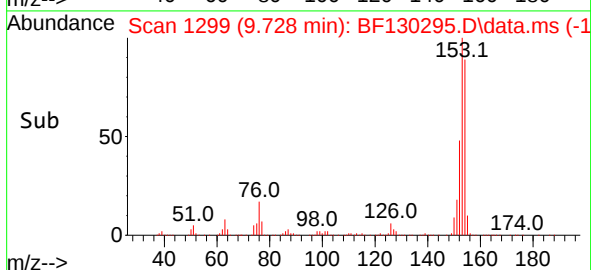
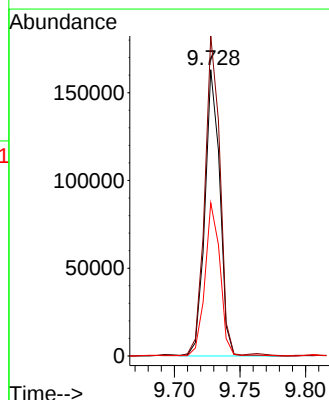
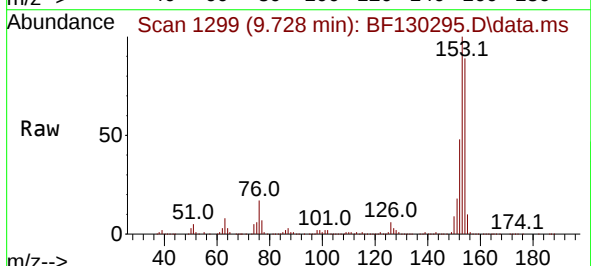
Tgt Ion:154 Resp: 129584

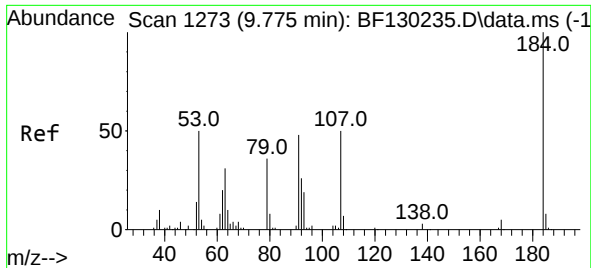
Ion Ratio Lower Upper

154 100

153 111.8 90.6 136.0

152 53.5 43.8 65.6

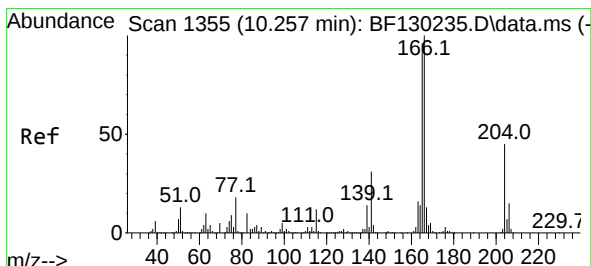
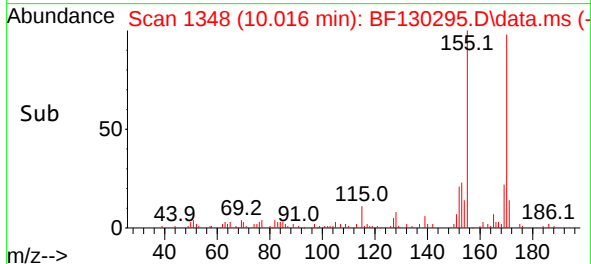
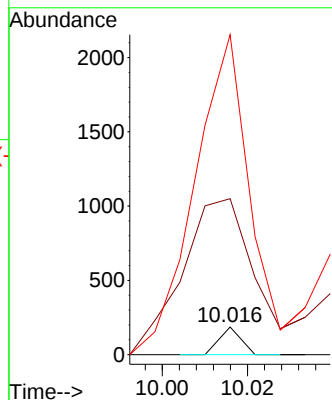
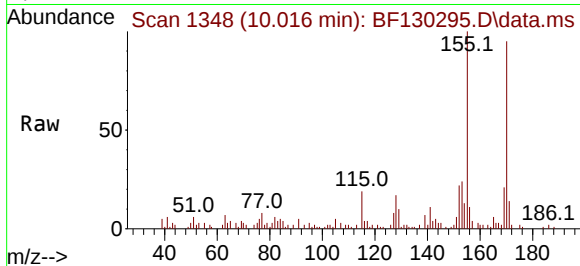




#54
2,4-Dinitrophenol
Concen: 6.304 ng
RT: 10.016 min Scan# 11
Delta R.T. 0.253 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

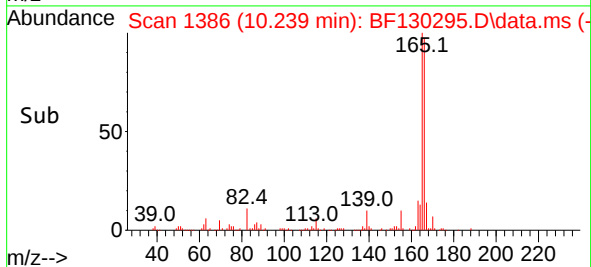
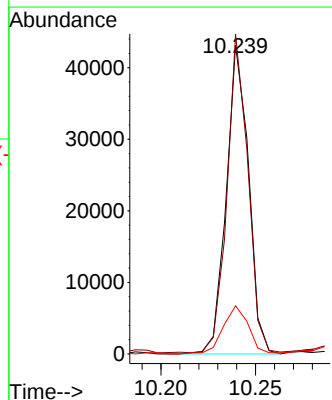
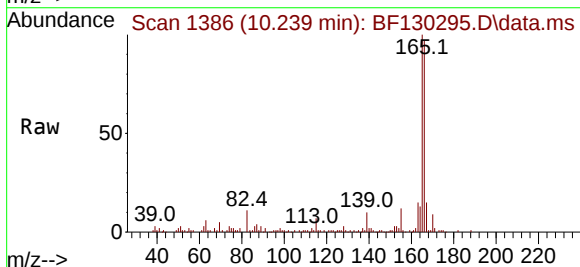
Instrument :
BNA_F
ClientSampleId :
HW-43

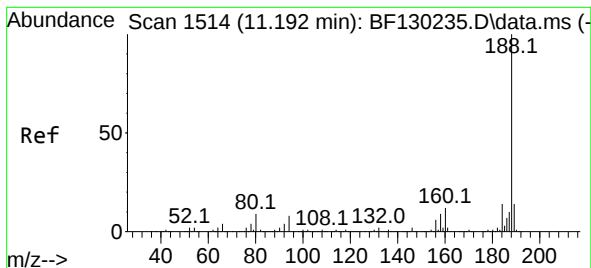
Tgt Ion:184 Resp: 66
Ion Ratio Lower Upper
184 100
63 564.5 70.0 105.0#
154 1158.1 63.0 94.6#



#58
Fluorene
Concen: 3.348 ng
RT: 10.239 min Scan# 1386
Delta R.T. -0.012 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

Tgt Ion:166 Resp: 35376
Ion Ratio Lower Upper
166 100
165 103.6 78.8 118.2
167 15.6 10.6 15.8





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.175 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130295.D

Acq: 16 Sep 2022 17:47

Instrument :

BNA_F

ClientSampleId :

HW-43

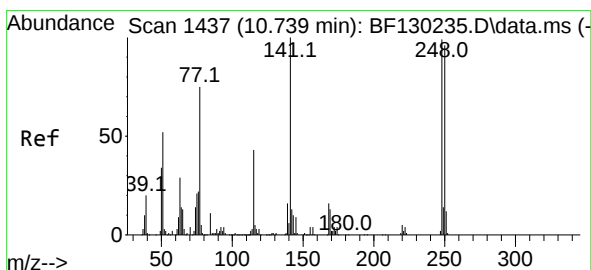
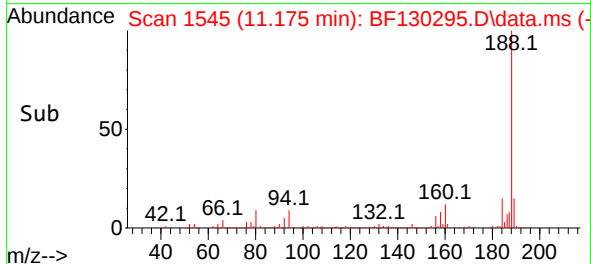
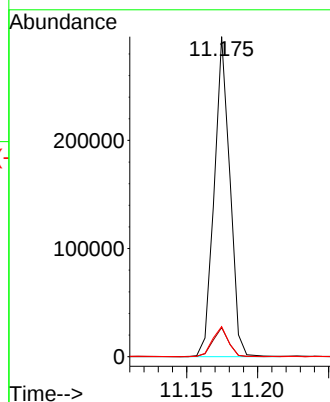
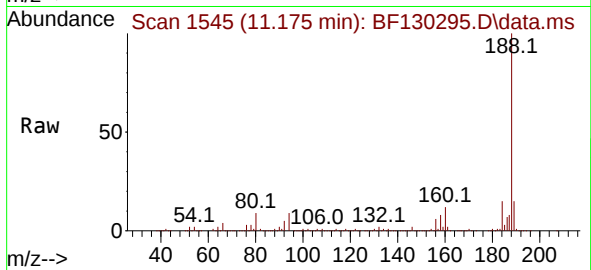
Tgt Ion:188 Resp: 226306

Ion Ratio Lower Upper

188 100

94 9.1 7.4 11.2

80 9.4 7.9 11.9



#67

4-Bromophenyl-phenylether

Concen: 3.106 ng

RT: 10.481 min Scan# 1427

Delta R.T. -0.253 min

Lab File: BF130295.D

Acq: 16 Sep 2022 17:47

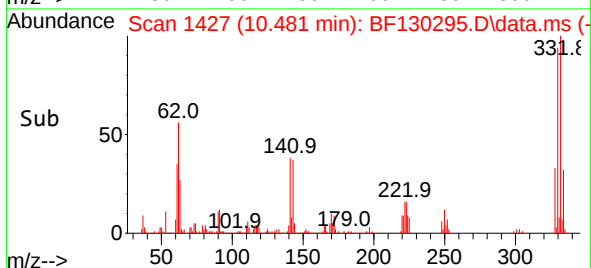
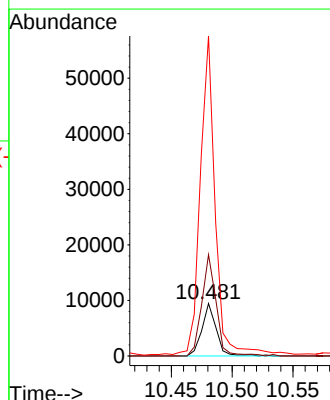
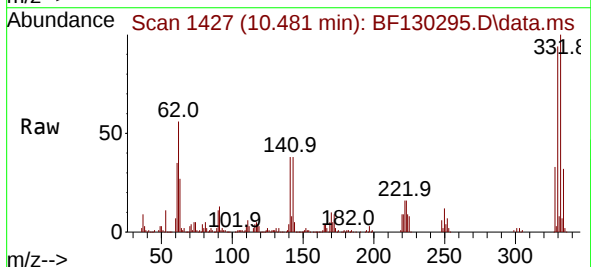
Tgt Ion:248 Resp: 7753

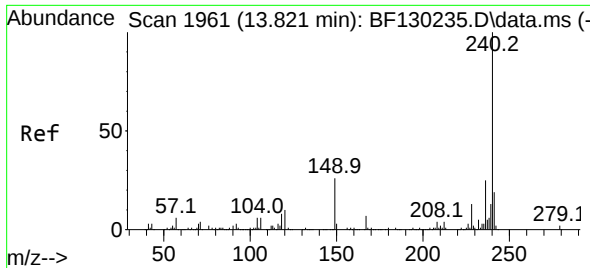
Ion Ratio Lower Upper

248 100

250 192.9 80.0 120.0#

141 609.0 68.5 102.7#

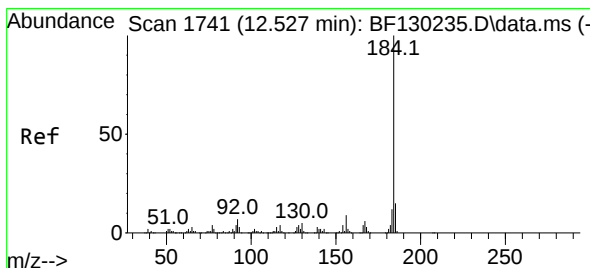
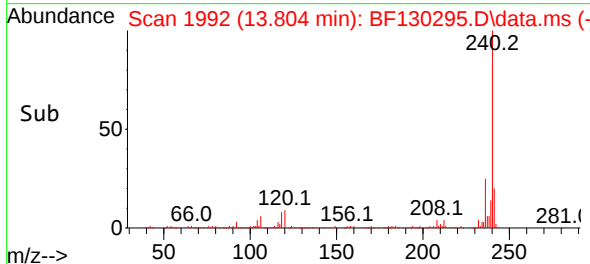
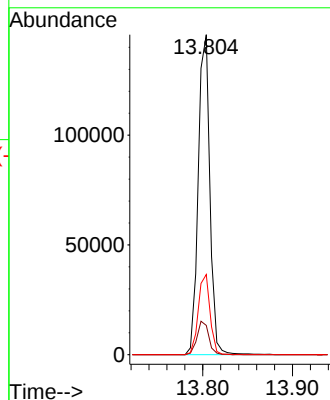
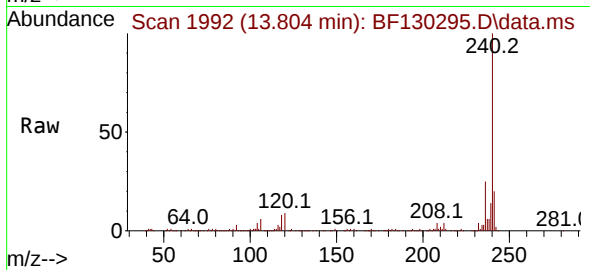




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.804 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

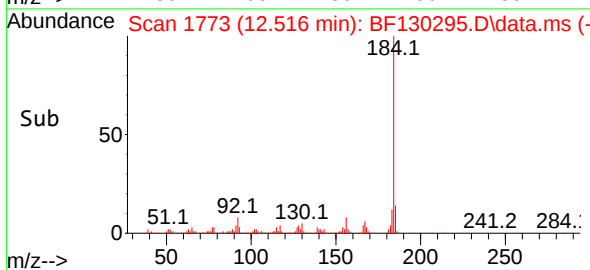
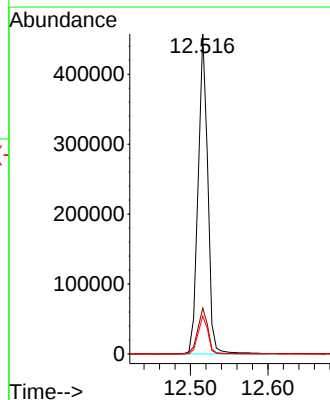
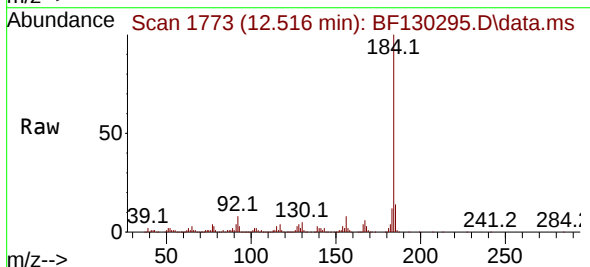
Instrument :
BNA_F
ClientSampleId :
HW-43

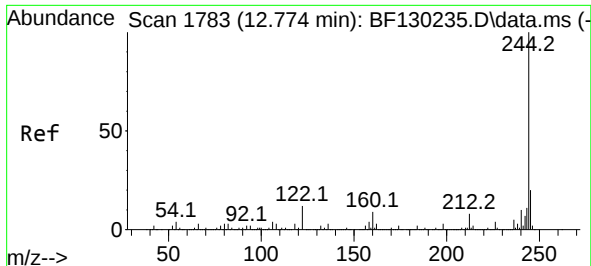
Tgt Ion:240 Resp: 131282
Ion Ratio Lower Upper
240 100
120 9.1 8.7 13.1
236 25.0 20.9 31.3



#77
Benzidine
Concen: 103.441 ng
RT: 12.516 min Scan# 1773
Delta R.T. 0.000 min
Lab File: BF130295.D
Acq: 16 Sep 2022 17:47

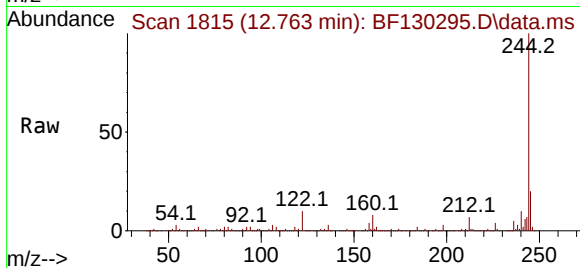
Tgt Ion:184 Resp: 394214
Ion Ratio Lower Upper
184 100
185 14.3 11.8 17.6
183 11.8 9.1 13.7





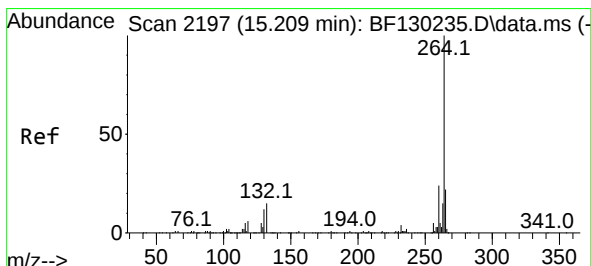
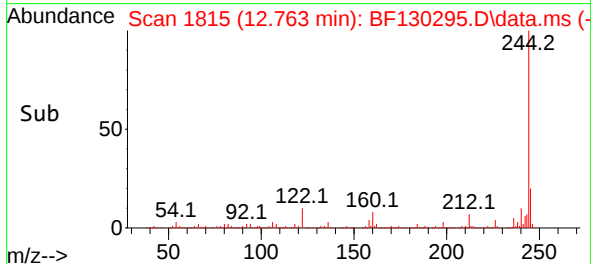
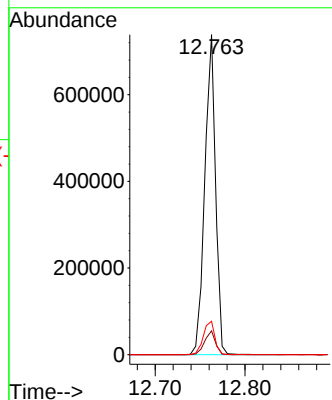
#79
 Terphenyl-d14
 Concen: 77.598 ng
 RT: 12.763 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130295.D
 Acq: 16 Sep 2022 17:47

Instrument :
 BNA_F
 ClientSampleId :
 HW-43



Tgt Ion:244 Resp: 614989

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.5	8.5	12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.192 min Scan# 2228
 Delta R.T. -0.006 min
 Lab File: BF130295.D
 Acq: 16 Sep 2022 17:47

Tgt Ion:264 Resp: 164244

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.3	28.9
265	21.8	17.0	25.4

