

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130163.D
 Acq On : 07 Sep 2022 15:43
 Operator : CG\JU
 Sample : N4490-07
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-B-SP

Quant Time: Sep 08 02:49:38 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)

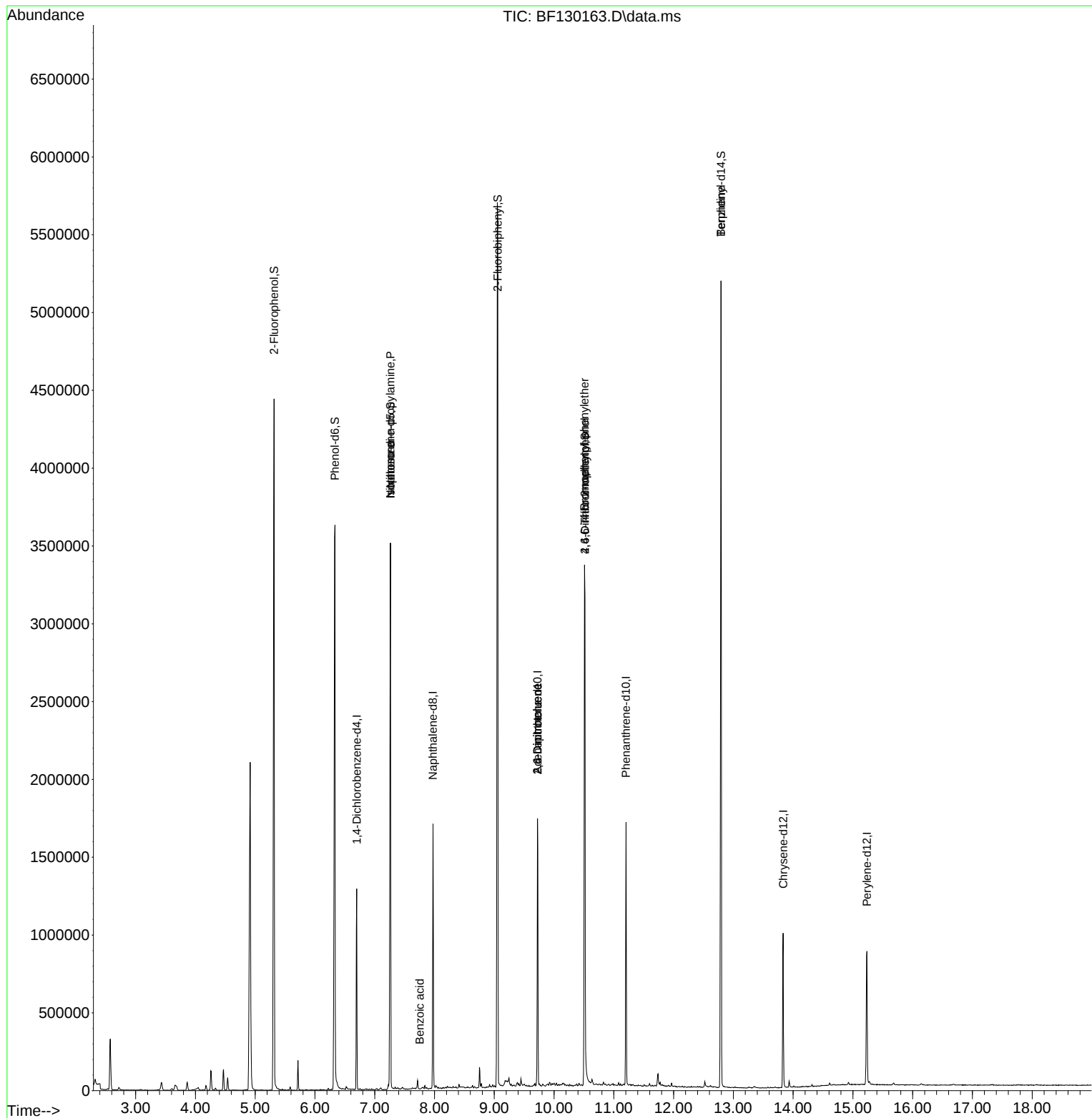
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	180381	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	703349	20.000	ng	0.00
39) Acenaphthene-d10	9.722	164	361909	20.000	ng	-0.01
64) Phenanthrene-d10	11.204	188	547387	20.000	ng	0.00
76) Chrysene-d12	13.833	240	325645	20.000	ng	-0.01
86) Perylene-d12	15.233	264	370921	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	1454802	136.918	ng	0.02
7) Phenol-d6	6.334	99	1656281	125.033	ng	0.00
23) Nitrobenzene-d5	7.263	82	1164094	106.365	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	495846	150.513	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2022218	92.641	ng	0.00
79) Terphenyl-d14	12.792	244	1749534	93.166	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	152706	19.135	ng	# 72
25) Isophorone	7.263	82	1160951	52.410	ng	# 65
32) Benzoic acid	7.751	122	62	6.579	ng	# 40
51) 2,6-Dinitrotoluene	9.722	165	47021	9.784	ng	# 23
57) 2,4-Dinitrotoluene	9.722	165	47021	8.498	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.516	198	1167	6.476	ng	# 1
67) 4-Bromophenyl-phenylether	10.510	248	29296	4.812	ng	# 1
77) Benzidine	12.792	184	24277	2.761	ng	# 91

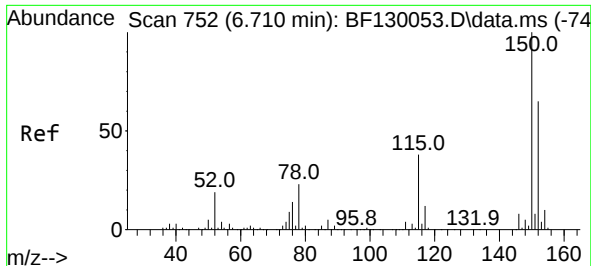
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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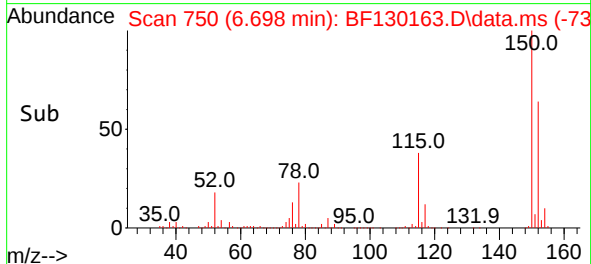
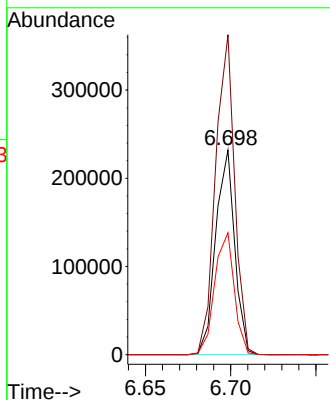
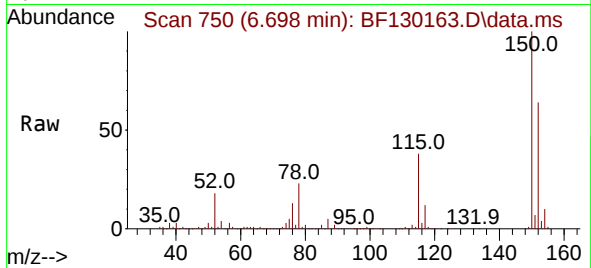




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.698 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF130163.D
 Acq: 07 Sep 2022 15:43

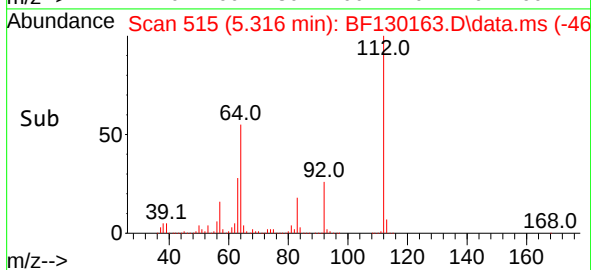
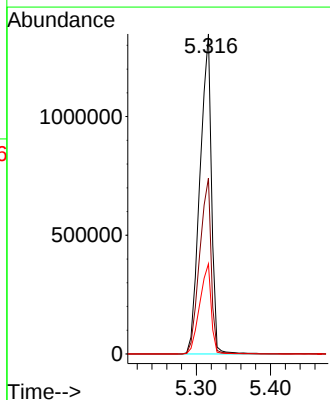
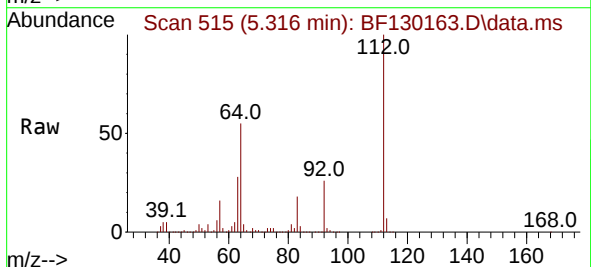
Instrument :
 BNA_F
 ClientSampleId :
 WC-14-B-SP

Tgt Ion:152 Resp: 180381
 Ion Ratio Lower Upper
 152 100
 150 156.5 126.9 190.3
 115 59.6 53.4 80.0



#5
 2-Fluorophenol
 Concen: 136.918 ng
 RT: 5.316 min Scan# 515
 Delta R.T. 0.018 min
 Lab File: BF130163.D
 Acq: 07 Sep 2022 15:43

Tgt Ion:112 Resp: 1454802
 Ion Ratio Lower Upper
 112 100
 64 54.9 47.6 71.4
 63 28.2 24.6 37.0

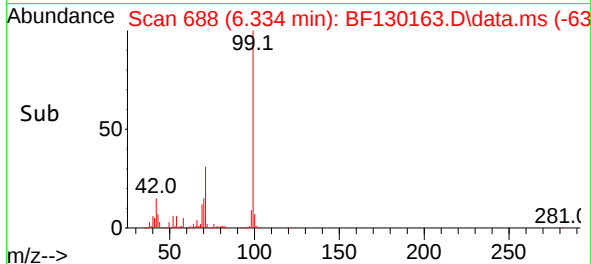
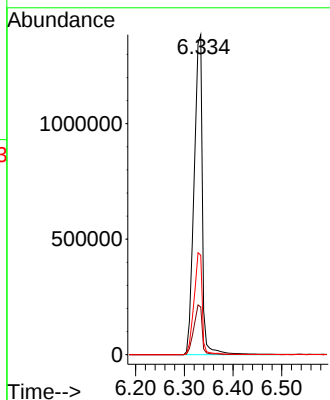
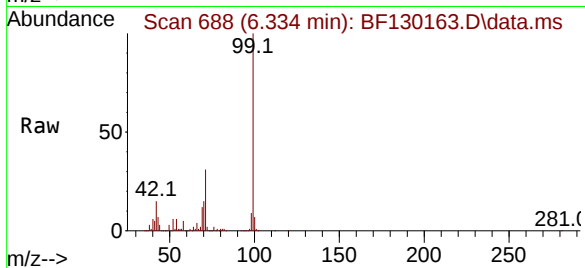




#7
Phenol-d6
Concen: 125.033 ng
RT: 6.334 min Scan# 61
Delta R.T. 0.000 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

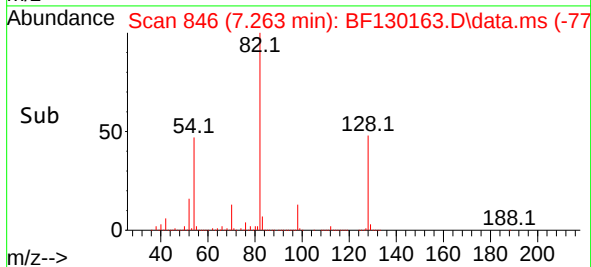
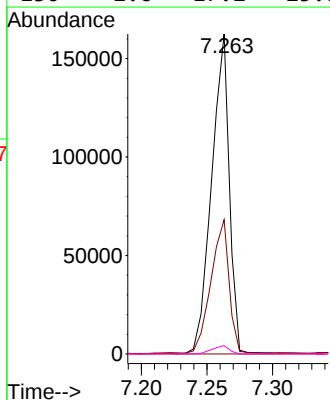
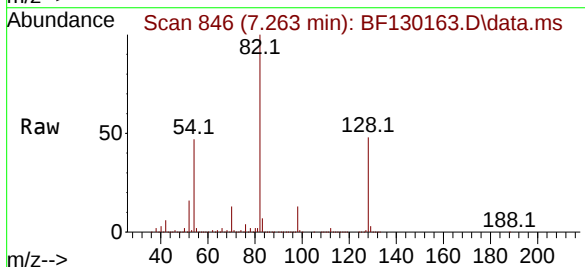
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ClientSampleId :
WC-14-B-SP

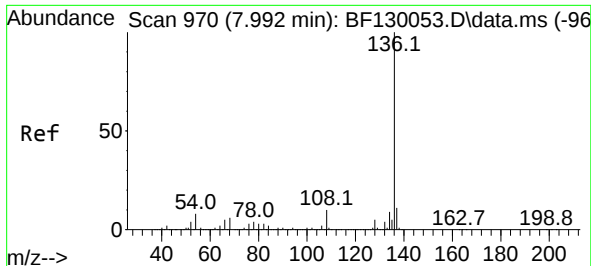
Tgt Ion: 99 Resp: 1656281
Ion Ratio Lower Upper
99 100
42 14.9 15.0 22.4#
71 31.1 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 19.135 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

Tgt Ion: 70 Resp: 152706
Ion Ratio Lower Upper
70 100
42 41.9 47.6 71.4#
101 0.0 8.1 12.1#
130 2.6 17.2 25.8#

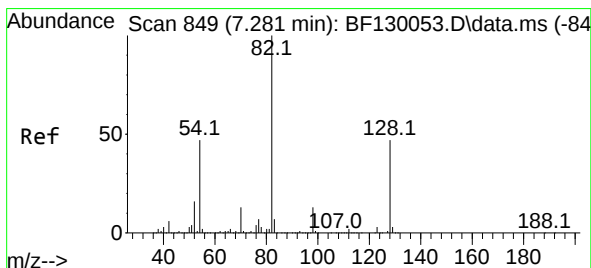
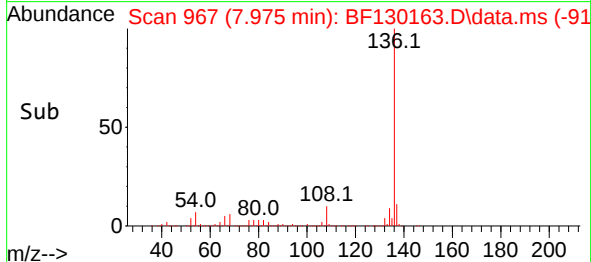
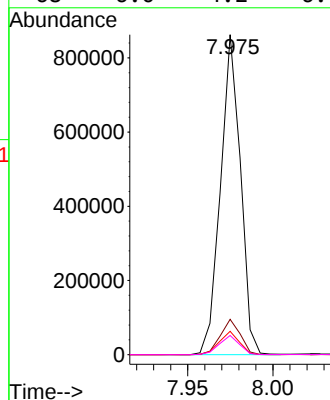
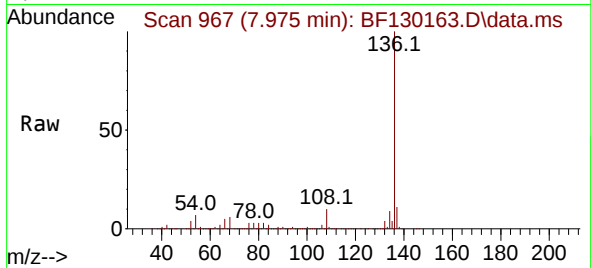




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

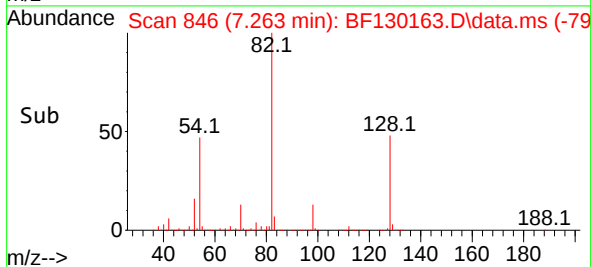
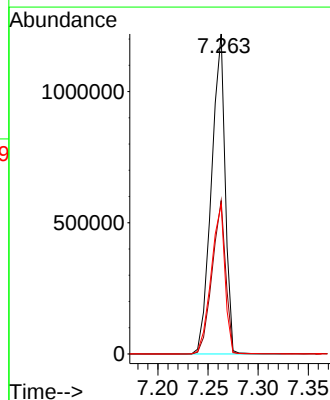
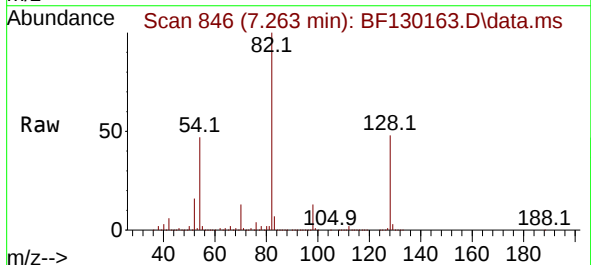
Instrument :
BNA_F
ClientSampleId :
WC-14-B-SP

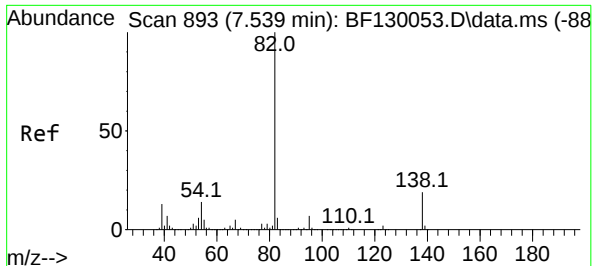
Tgt Ion:136 Resp: 703349
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.3 6.2 9.2
68 6.0 4.2 6.4



#23
Nitrobenzene-d5
Concen: 106.365 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

Tgt Ion: 82 Resp: 1164094
Ion Ratio Lower Upper
82 100
128 47.9 36.1 54.1
54 46.7 40.0 60.0

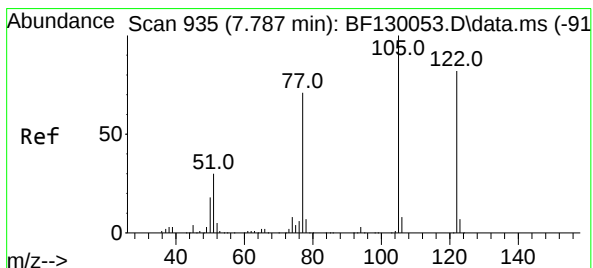
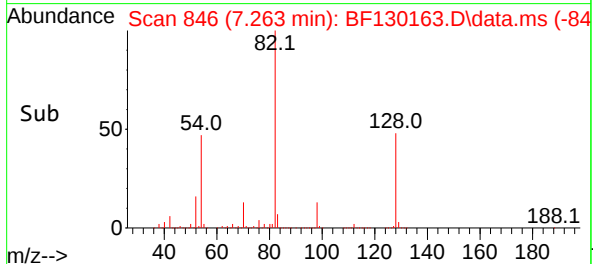
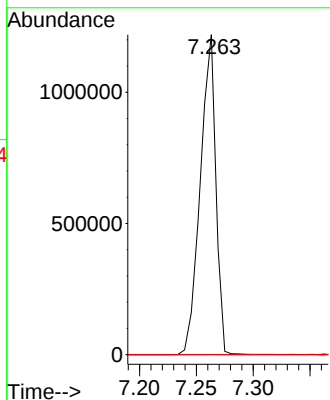
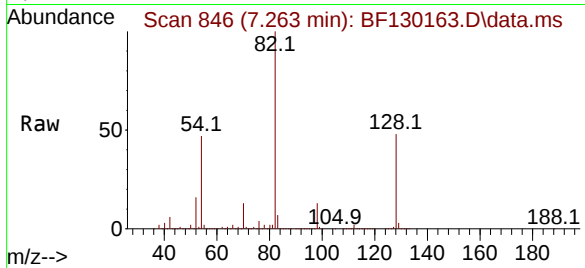




#25
Isophorone
Concen: 52.410 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

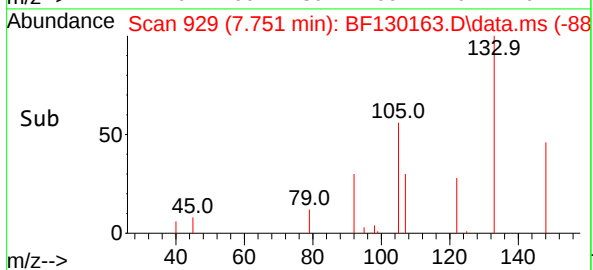
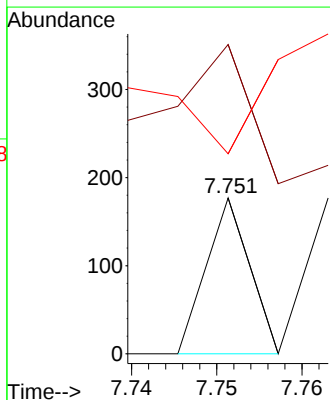
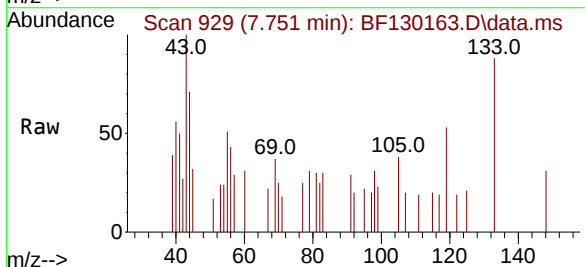
Instrument :
BNA_F
ClientSampleId :
WC-14-B-SP

Tgt Ion: 82 Resp: 1160951
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.579 ng
RT: 7.751 min Scan# 929
Delta R.T. -0.018 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

Tgt Ion:122 Resp: 62
Ion Ratio Lower Upper
122 100
105 198.3 99.9 139.9#
77 128.2 65.9 105.9#

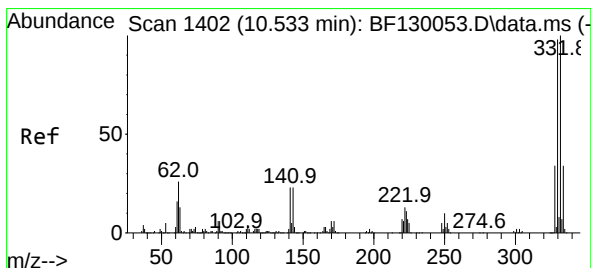
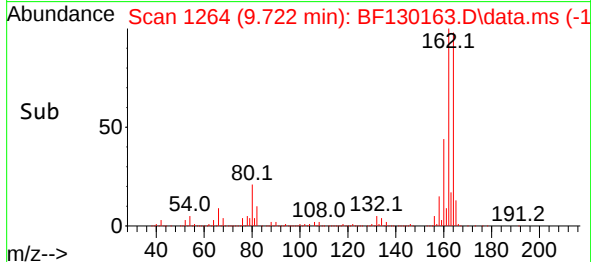
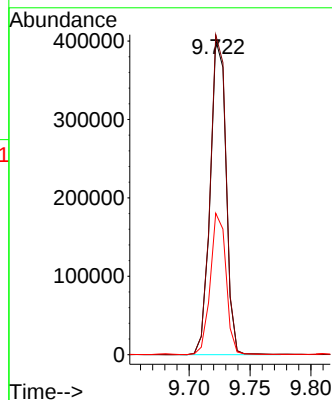
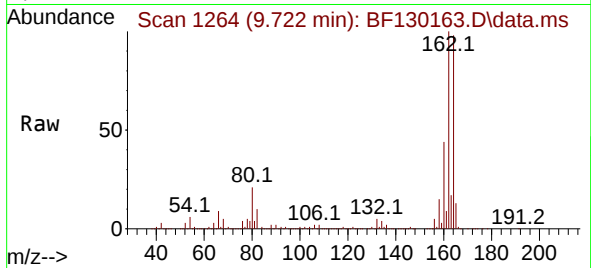




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

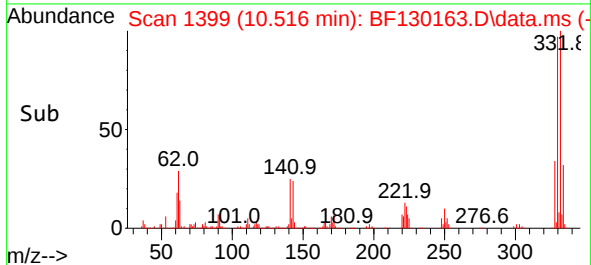
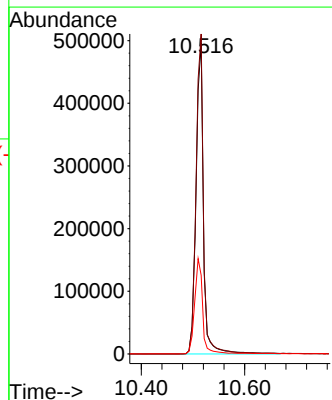
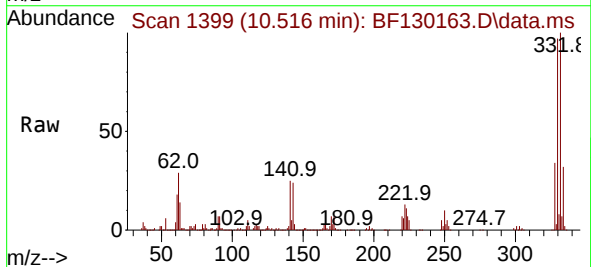
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BNA_F
ClientSampleId :
WC-14-B-SP

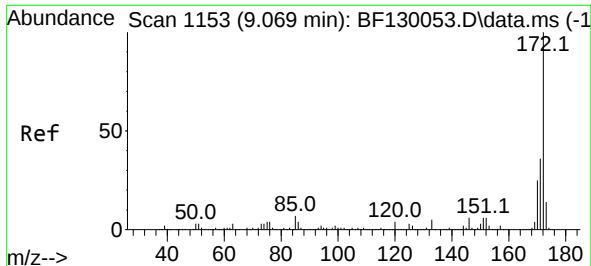
Tgt Ion:164 Resp: 361909
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 44.9 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 150.513 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.006 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

Tgt Ion:330 Resp: 495846
Ion Ratio Lower Upper
330 100
332 103.1 82.6 124.0
141 33.2 27.6 41.4

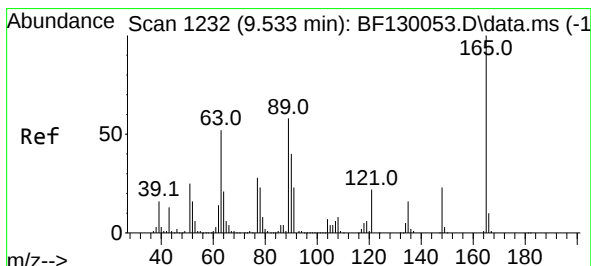
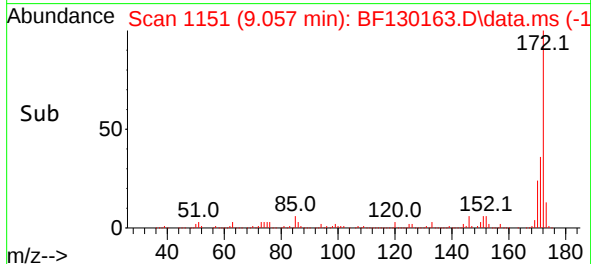
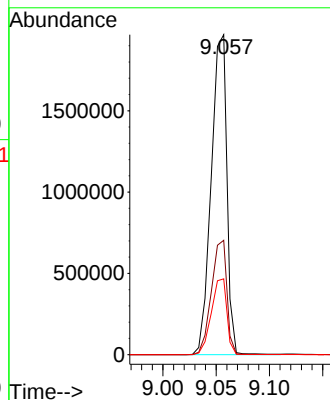
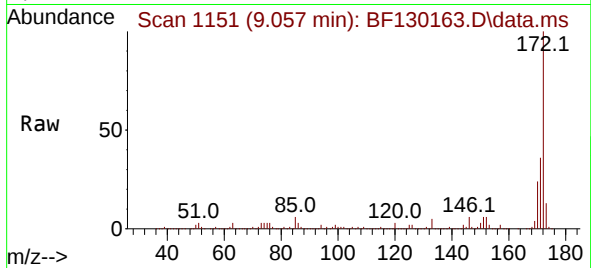




#45
2-Fluorobiphenyl
Concen: 92.641 ng
RT: 9.057 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

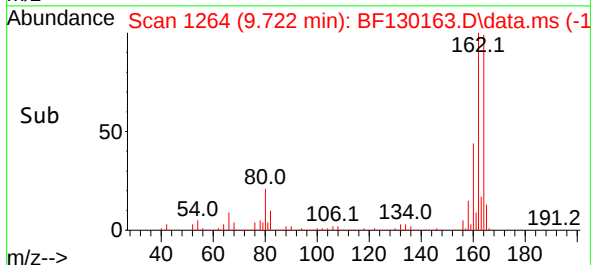
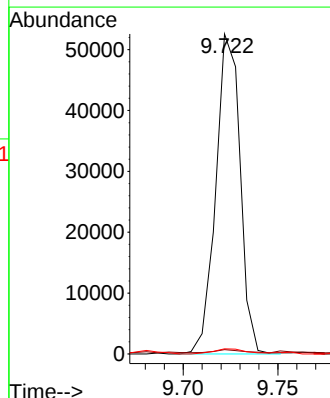
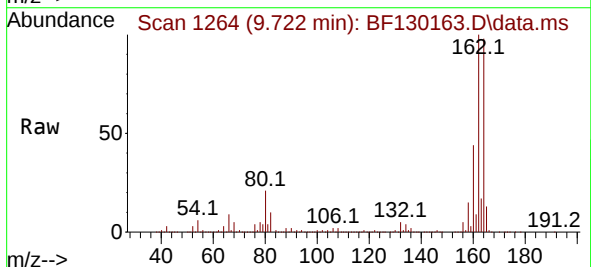
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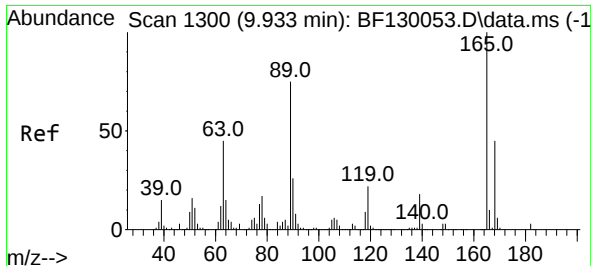
Tgt Ion:172 Resp: 2022218
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.7 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 9.784 ng
RT: 9.722 min Scan# 1264
Delta R.T. 0.194 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

Tgt Ion:165 Resp: 47021
Ion Ratio Lower Upper
165 100
63 1.4 47.8 71.8#
89 1.6 47.2 70.8#





#57

2,4-Dinitrotoluene

Concen: 8.498 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.200 min

Lab File: BF130163.D

Acq: 07 Sep 2022 15:43

Instrument :

BNA_F

ClientSampleId :

WC-14-B-SP

Tgt Ion:165 Resp: 47021

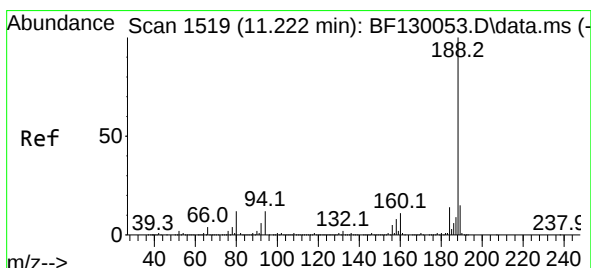
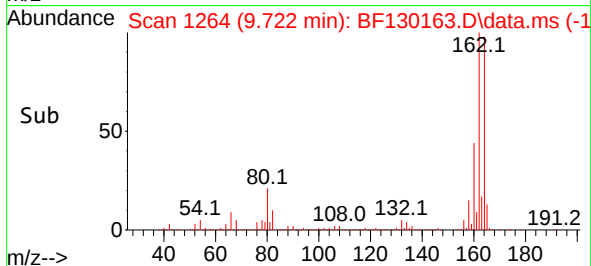
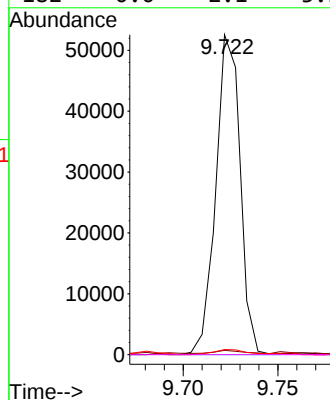
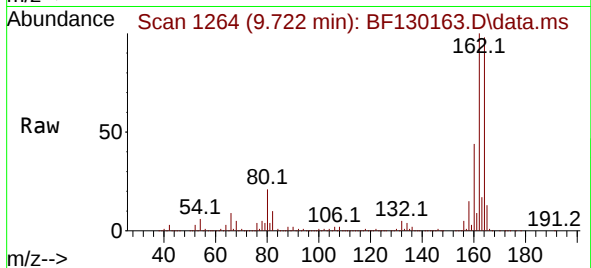
Ion Ratio Lower Upper

165 100

63 1.4 48.4 72.6#

89 1.6 62.3 93.5#

182 0.0 2.1 3.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.204 min Scan# 1516

Delta R.T. -0.006 min

Lab File: BF130163.D

Acq: 07 Sep 2022 15:43

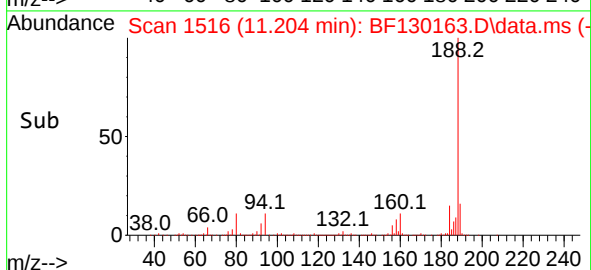
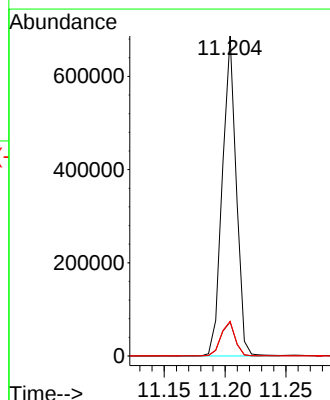
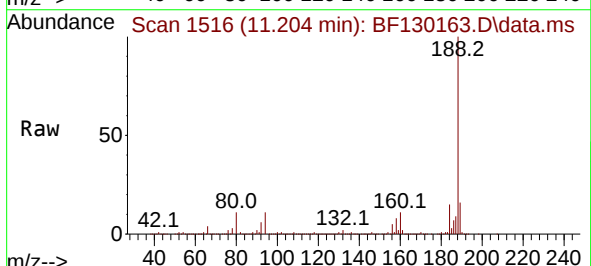
Tgt Ion:188 Resp: 547387

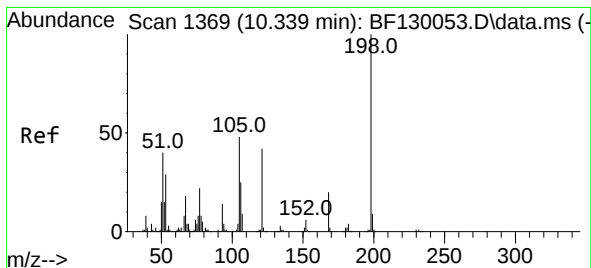
Ion Ratio Lower Upper

188 100

94 10.6 7.4 11.2

80 10.9 7.9 11.9

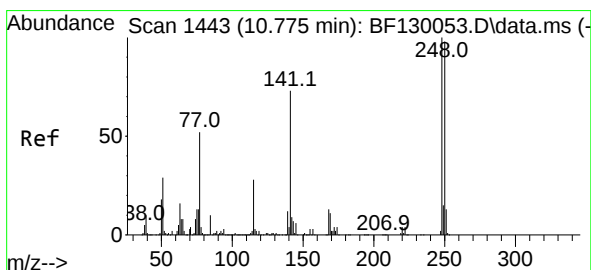
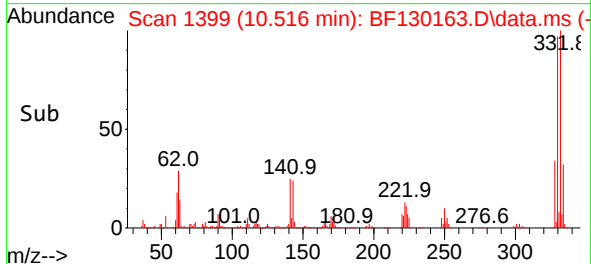
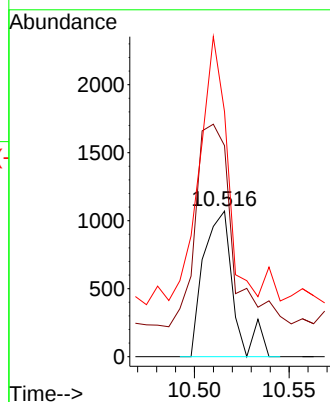
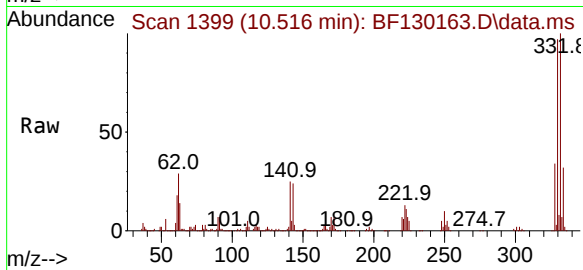




#65
4,6-Dinitro-2-methylphenol
Concen: 6.476 ng
RT: 10.516 min Scan# 1369
Delta R.T. 0.188 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

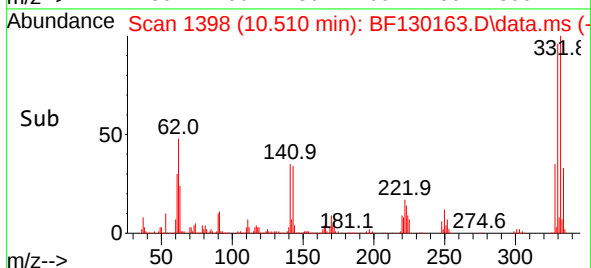
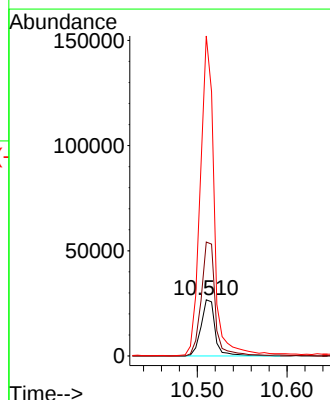
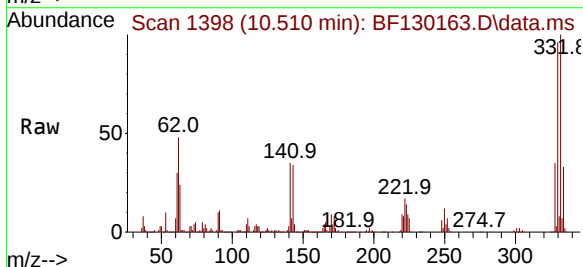
Instrument :
BNA_F
ClientSampleId :
WC-14-B-SP

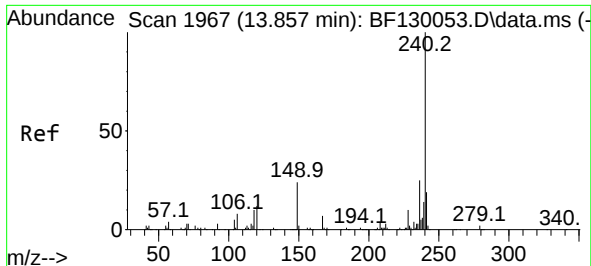
Tgt Ion:198 Resp: 1167
Ion Ratio Lower Upper
198 100
51 145.0 29.4 69.4#
105 168.3 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.812 ng
RT: 10.510 min Scan# 1398
Delta R.T. -0.253 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

Tgt Ion:248 Resp: 29296
Ion Ratio Lower Upper
248 100
250 203.1 77.8 116.6#
141 570.2 66.2 99.2#

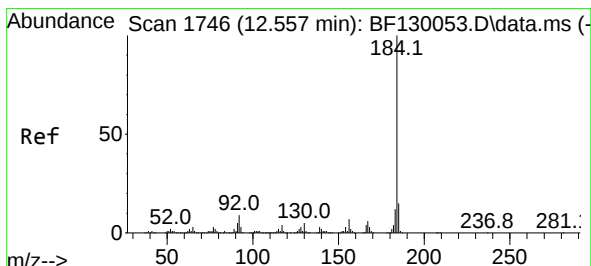
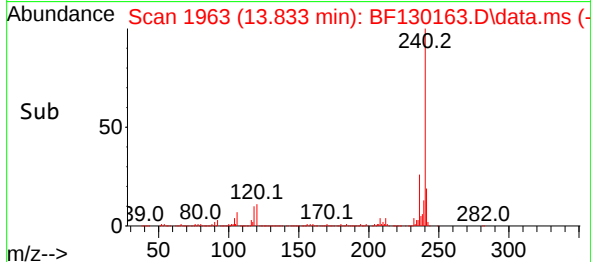
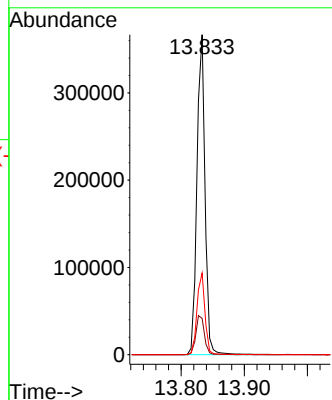
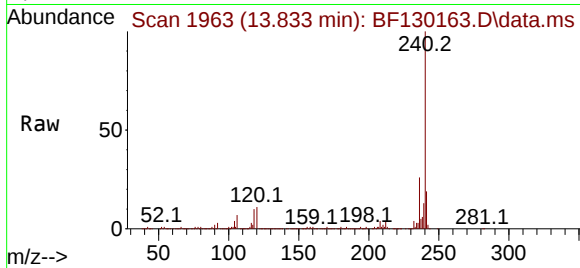




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.833 min Scan# 1963
Delta R.T. -0.012 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

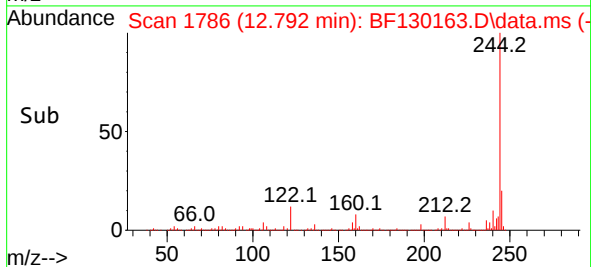
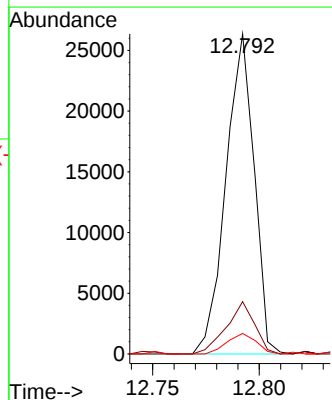
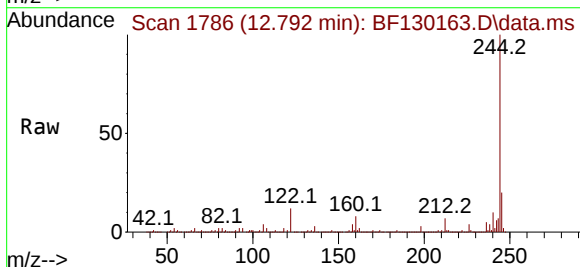
Instrument :
BNA_F
ClientSampleId :
WC-14-B-SP

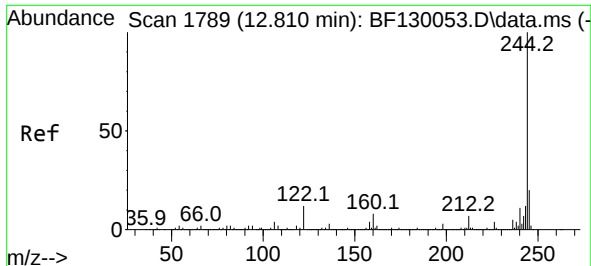
Tgt Ion:240 Resp: 325645
Ion Ratio Lower Upper
240 100
120 11.3 9.2 13.8
236 25.5 20.7 31.1



#77
Benzidine
Concen: 2.761 ng
RT: 12.792 min Scan# 1786
Delta R.T. 0.247 min
Lab File: BF130163.D
Acq: 07 Sep 2022 15:43

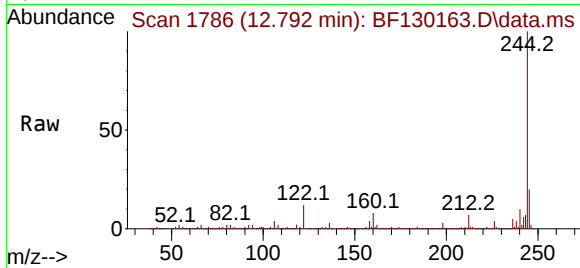
Tgt Ion:184 Resp: 24277
Ion Ratio Lower Upper
184 100
185 16.4 11.4 17.2
183 6.4 9.4 14.2#



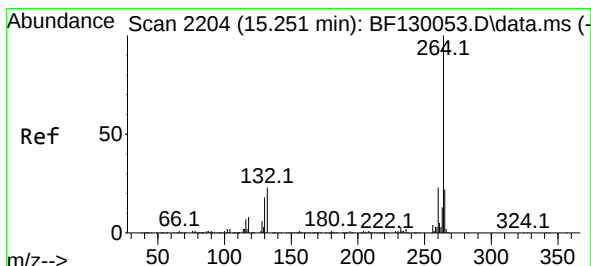
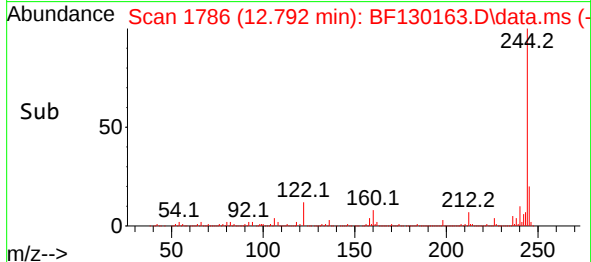
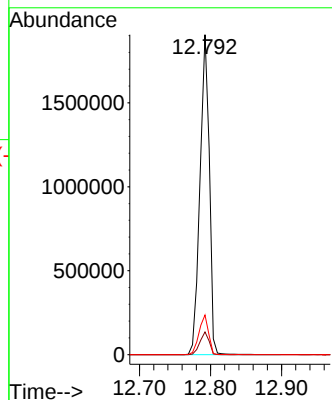


#79
 Terphenyl-d14
 Concen: 93.166 ng
 RT: 12.792 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130163.D
 Acq: 07 Sep 2022 15:43

Instrument :
 BNA_F
 ClientSampleId :
 WC-14-B-SP



Tgt Ion:244 Resp: 1749534
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 12.4 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.233 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF130163.D
 Acq: 07 Sep 2022 15:43

Tgt Ion:264 Resp: 370921
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 21.8 16.7 25.1

