

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090722\
 Data File : BF130164.D
 Acq On : 07 Sep 2022 16:15
 Operator : CG\JU
 Sample : N4490-02
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Sep 08 02:50:06 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)

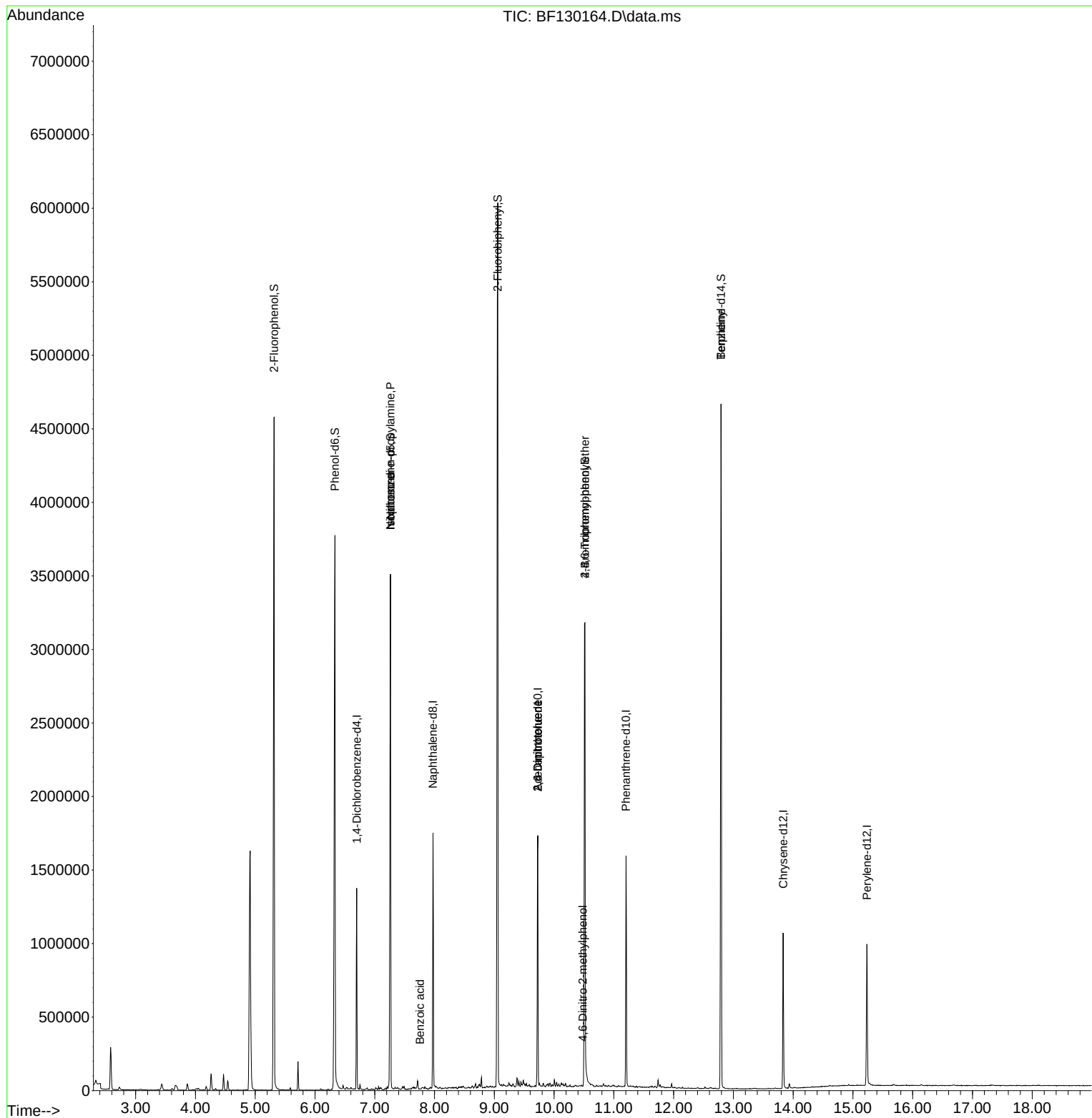
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.698	152	182428	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	722549	20.000	ng	0.00
39) Acenaphthene-d10	9.727	164	368387	20.000	ng	0.00
64) Phenanthrene-d10	11.204	188	531332	20.000	ng	# 0.00
76) Chrysene-d12	13.833	240	324256	20.000	ng	-0.01
86) Perylene-d12	15.233	264	396633	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	1484230	138.121	ng	0.02
7) Phenol-d6	6.334	99	1690848	126.211	ng	0.00
23) Nitrobenzene-d5	7.263	82	1172694	104.304	ng	0.00
42) 2,4,6-Tribromophenol	10.516	330	461168	137.525	ng	0.00
45) 2-Fluorobiphenyl	9.057	172	2042164	91.909	ng	0.00
79) Terphenyl-d14	12.792	244	1644911	87.970	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.263	70	150286	18.621	ng	# 73
25) Isophorone	7.263	82	1168861	51.365	ng	# 65
32) Benzoic acid	7.757	122	455	6.623	ng	# 64
51) 2,6-Dinitrotoluene	9.727	165	47846	9.780	ng	# 23
57) 2,4-Dinitrotoluene	9.727	165	47846	8.495	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.480	198	67	6.104	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	27106	4.586	ng	# 1
77) Benzidine	12.792	184	22428	2.562	ng	# 95

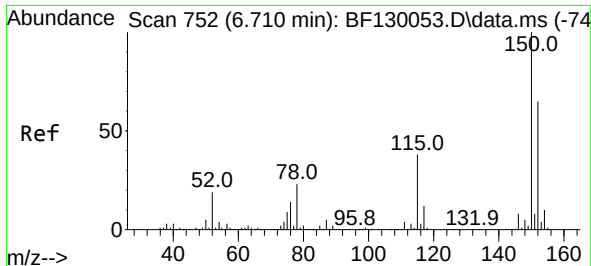
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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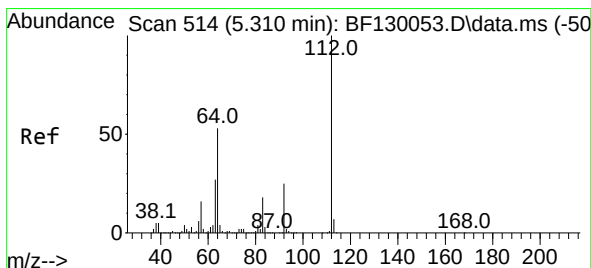
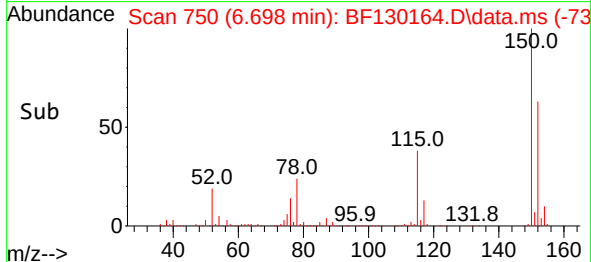
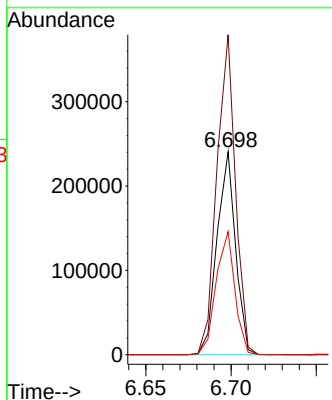
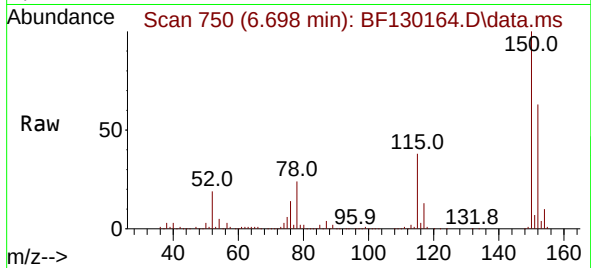




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.698 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130164.D
Acq: 07 Sep 2022 16:15

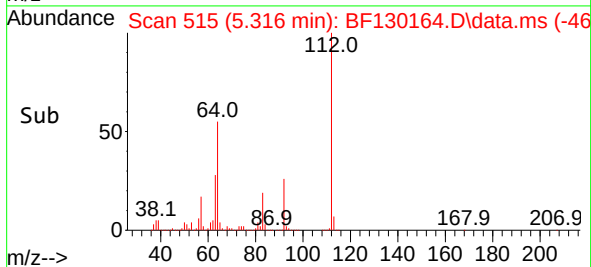
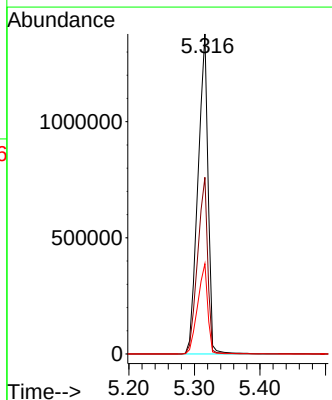
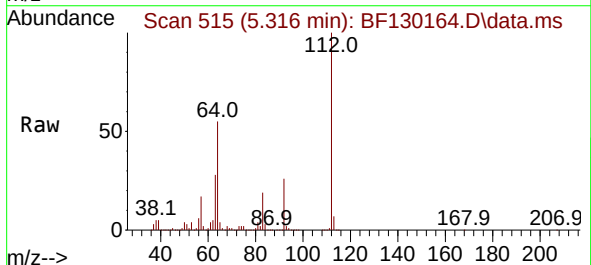
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SP

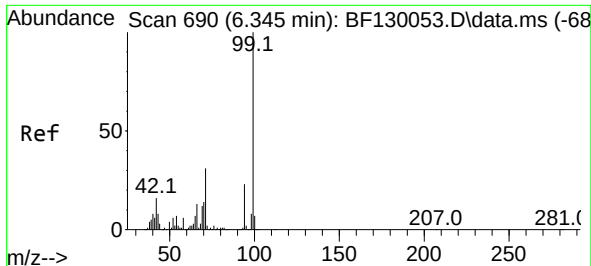
Tgt Ion:152 Resp: 182428
Ion Ratio Lower Upper
152 100
150 157.6 126.9 190.3
115 60.6 53.4 80.0



#5
2-Fluorophenol
Concen: 138.121 ng
RT: 5.316 min Scan# 515
Delta R.T. 0.017 min
Lab File: BF130164.D
Acq: 07 Sep 2022 16:15

Tgt Ion:112 Resp: 1484230
Ion Ratio Lower Upper
112 100
64 55.2 47.6 71.4
63 28.2 24.6 37.0

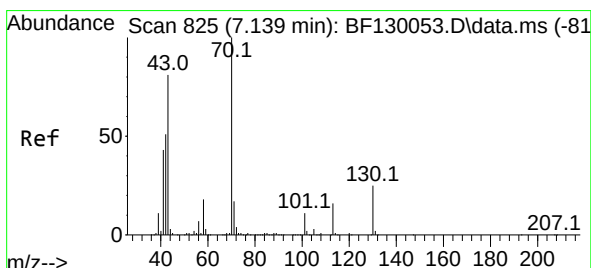
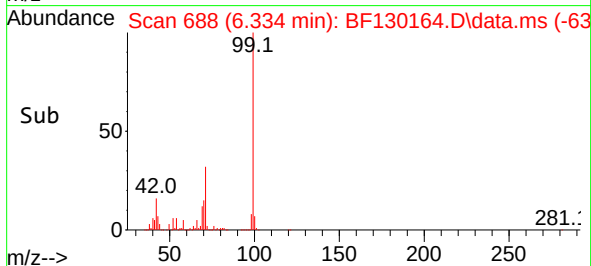
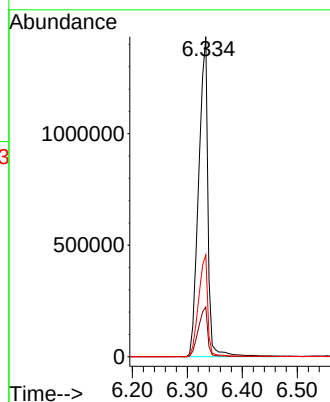
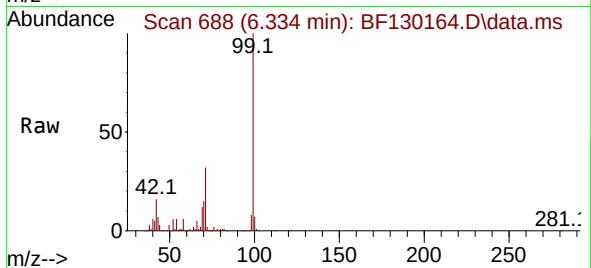




#7
Phenol-d6
Concen: 126.211 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.000 min
Lab File: BF130164.D
Acq: 07 Sep 2022 16:15

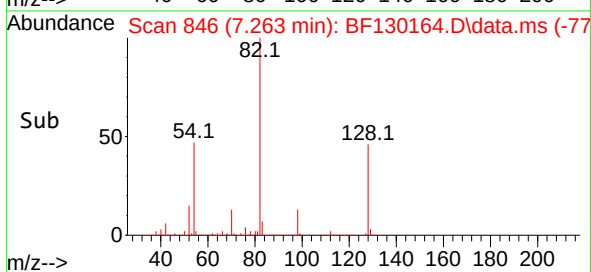
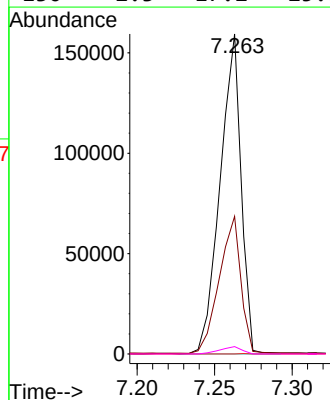
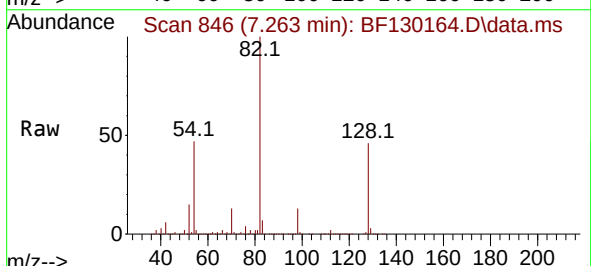
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SP

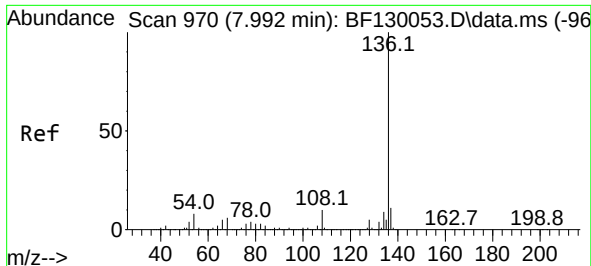
Tgt Ion: 99 Resp: 1690848
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.4
71 31.8 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.621 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.135 min
Lab File: BF130164.D
Acq: 07 Sep 2022 16:15

Tgt Ion: 70 Resp: 150286
Ion Ratio Lower Upper
70 100
42 43.0 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#



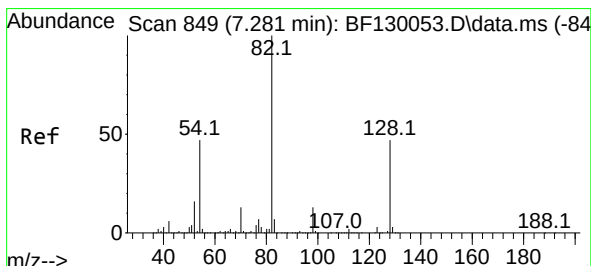
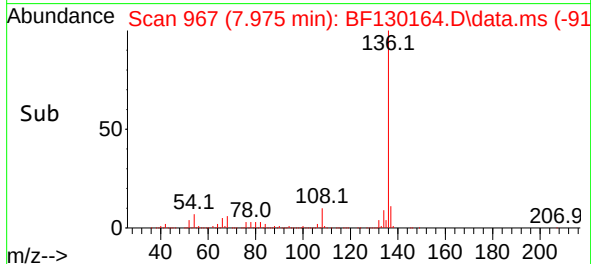
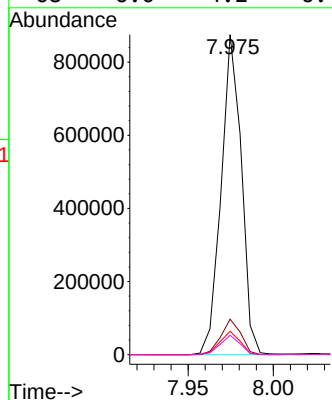
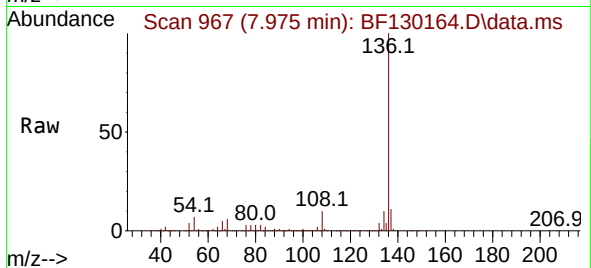


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.975 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF130164.D
Acq: 07 Sep 2022 16:15

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

Tgt Ion:136 Resp: 722549

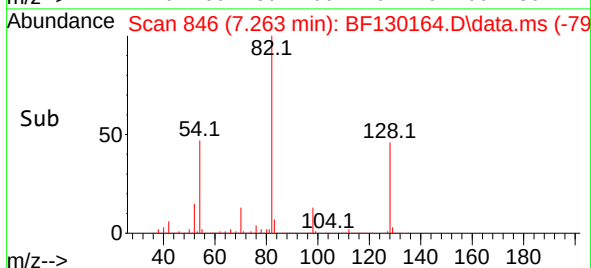
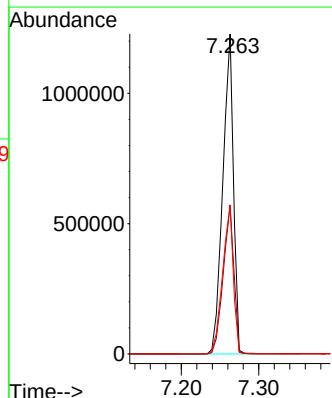
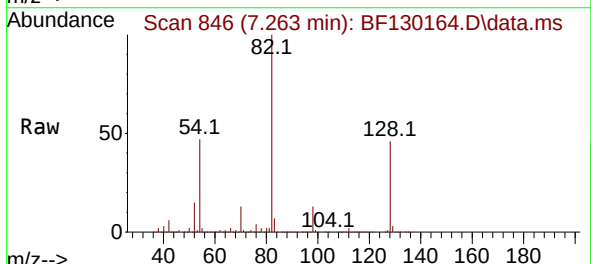
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	7.3	6.2	9.2
68	6.0	4.2	6.4

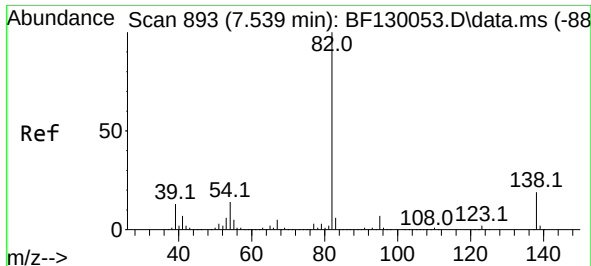


#23
Nitrobenzene-d5
Concen: 104.304 ng
RT: 7.263 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF130164.D
Acq: 07 Sep 2022 16:15

Tgt Ion: 82 Resp: 1172694

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.1	54.1
54	46.6	40.0	60.0

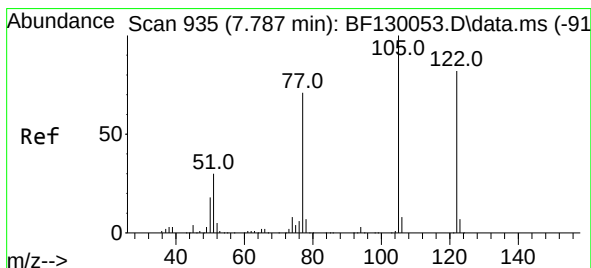
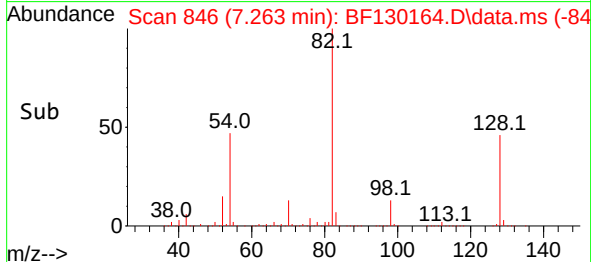
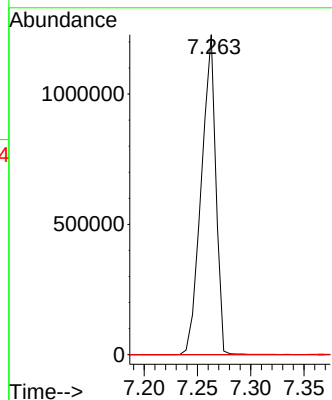
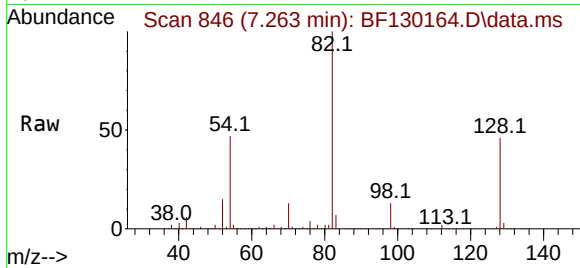




#25
Isophorone
Concen: 51.365 ng
RT: 7.263 min Scan# 84
Delta R.T. -0.265 min
Lab File: BF130164.D
Acq: 07 Sep 2022 16:15

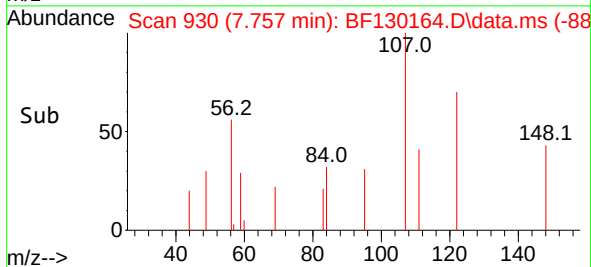
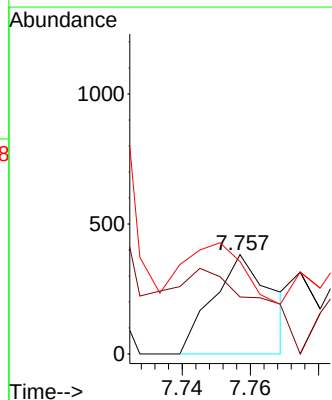
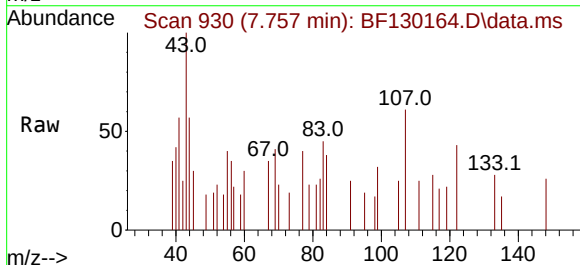
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SP

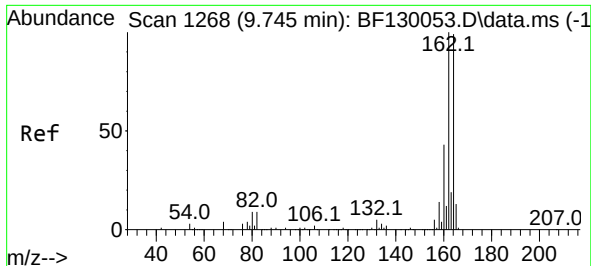
Tgt Ion: 82 Resp: 1168861
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.623 ng
RT: 7.757 min Scan# 930
Delta R.T. -0.012 min
Lab File: BF130164.D
Acq: 07 Sep 2022 16:15

Tgt Ion:122 Resp: 455
Ion Ratio Lower Upper
122 100
105 57.3 99.9 139.9#
77 92.9 65.9 105.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.727 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130164.D

Acq: 07 Sep 2022 16:15

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SP

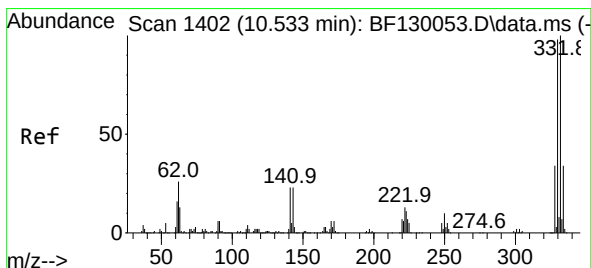
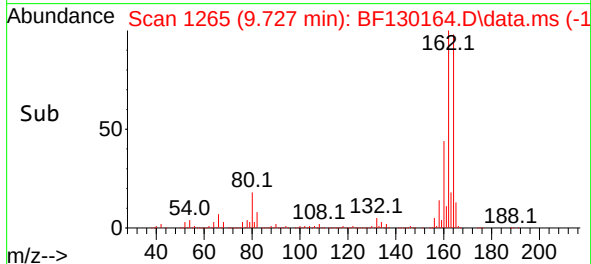
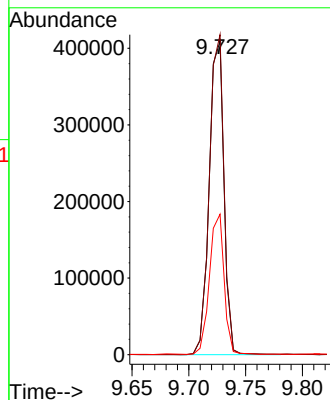
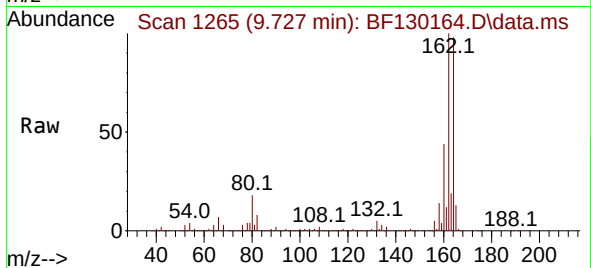
Tgt Ion:164 Resp: 368387

Ion Ratio Lower Upper

164 100

162 102.0 82.0 123.0

160 44.8 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 137.525 ng

RT: 10.516 min Scan# 1399

Delta R.T. -0.006 min

Lab File: BF130164.D

Acq: 07 Sep 2022 16:15

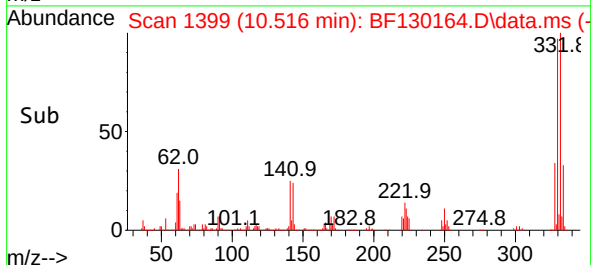
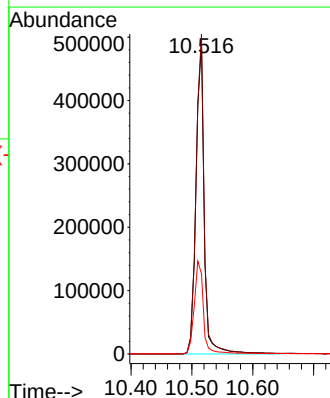
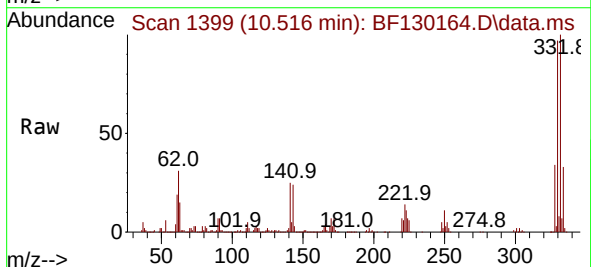
Tgt Ion:330 Resp: 461168

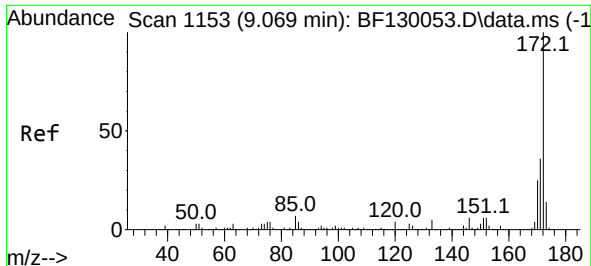
Ion Ratio Lower Upper

330 100

332 102.5 82.6 124.0

141 33.1 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 91.909 ng

RT: 9.057 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF130164.D

Acq: 07 Sep 2022 16:15

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SP

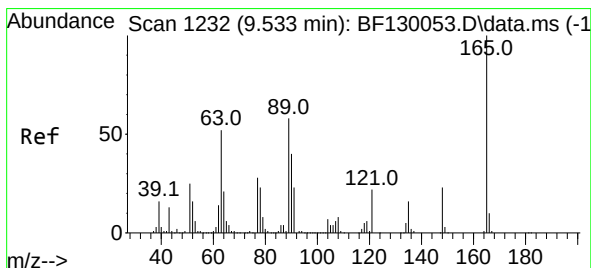
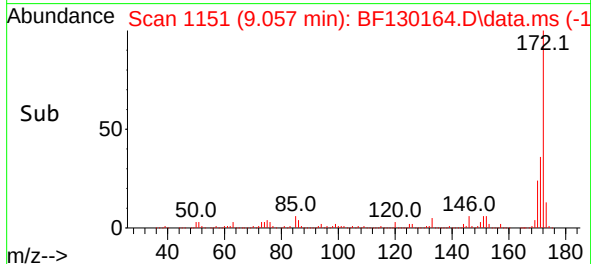
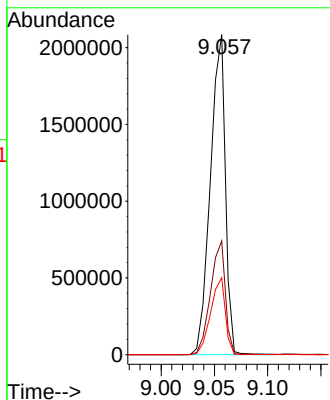
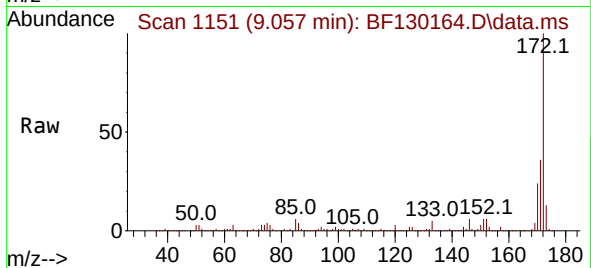
Tgt Ion:172 Resp: 2042164

Ion Ratio Lower Upper

172 100

171 35.6 28.4 42.6

170 24.1 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.780 ng

RT: 9.727 min Scan# 1265

Delta R.T. 0.200 min

Lab File: BF130164.D

Acq: 07 Sep 2022 16:15

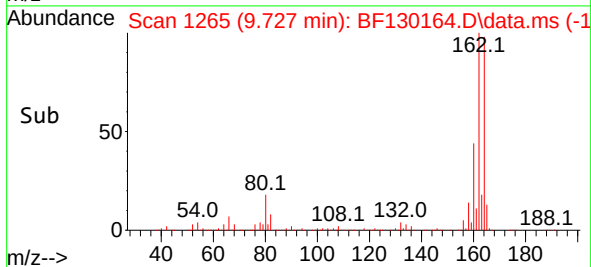
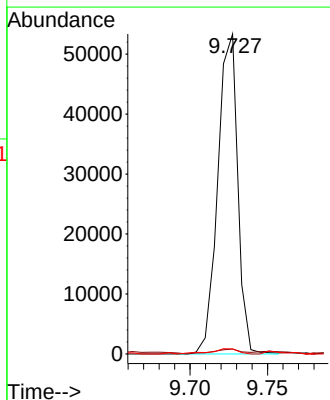
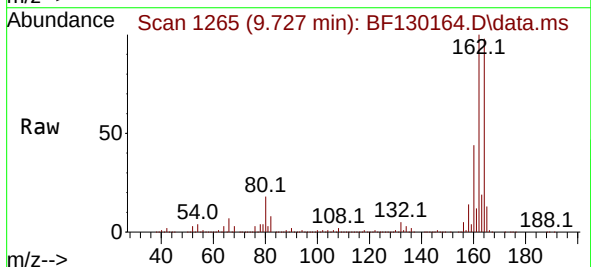
Tgt Ion:165 Resp: 47846

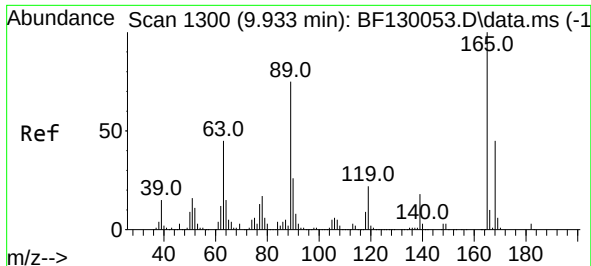
Ion Ratio Lower Upper

165 100

63 1.5 47.8 71.8#

89 1.6 47.2 70.8#

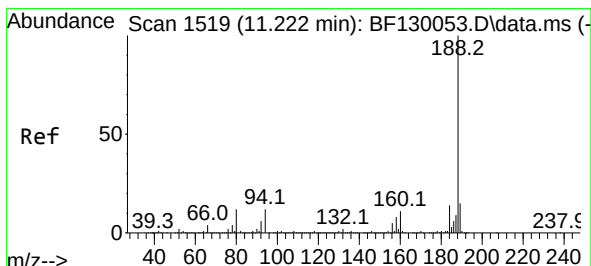
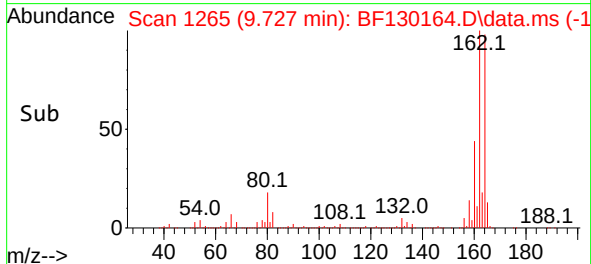
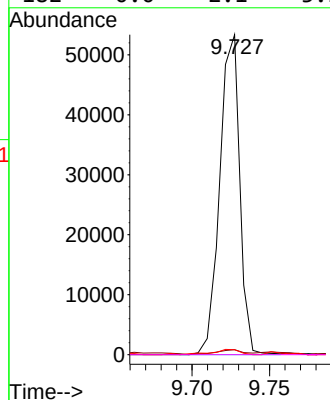
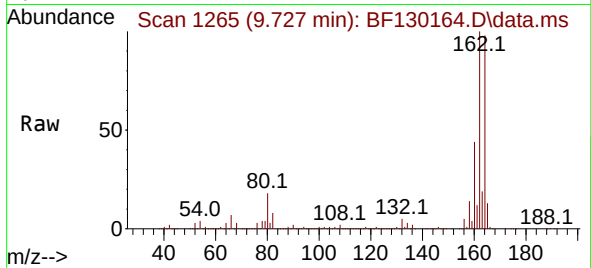




#57
2,4-Dinitrotoluene
Concen: 8.495 ng
RT: 9.727 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF130164.D
Acq: 07 Sep 2022 16:15

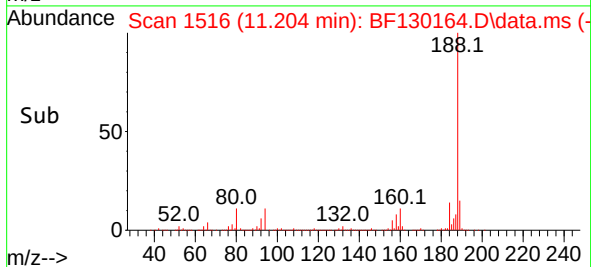
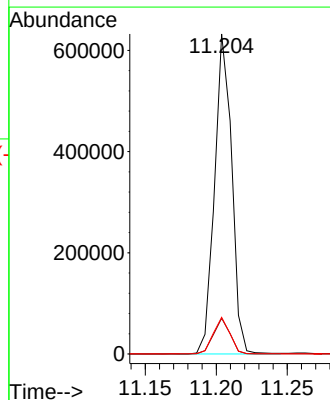
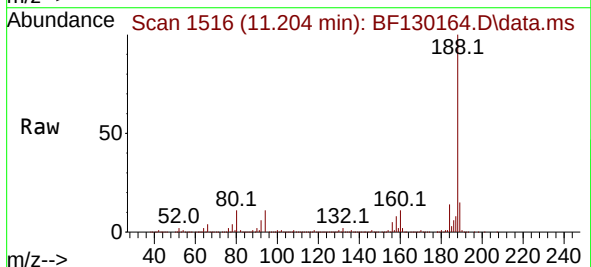
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SP

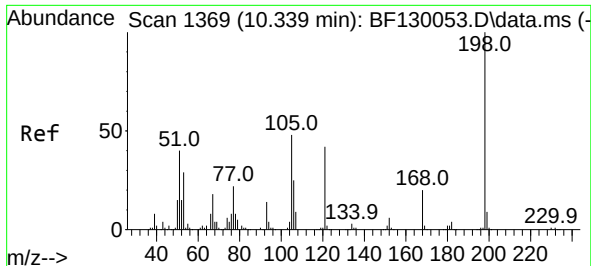
Tgt Ion:165 Resp: 47846
Ion Ratio Lower Upper
165 100
63 1.5 48.4 72.6#
89 1.6 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.204 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF130164.D
Acq: 07 Sep 2022 16:15

Tgt Ion:188 Resp: 531332
Ion Ratio Lower Upper
188 100
94 11.2 7.4 11.2#
80 11.5 7.9 11.9

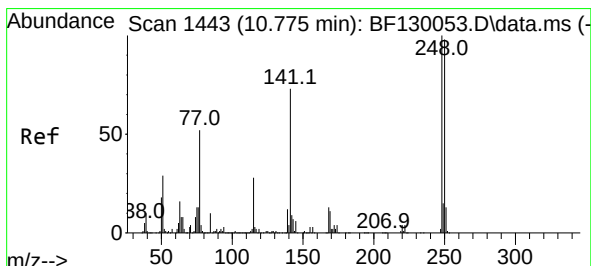
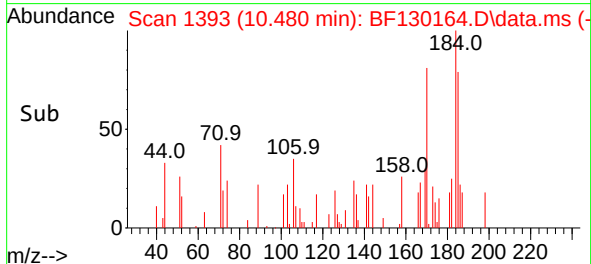
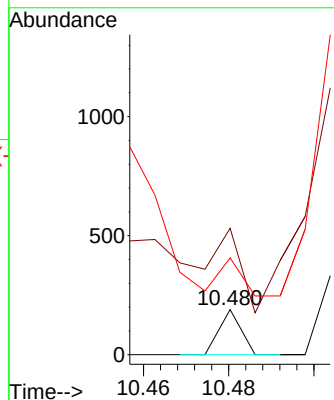
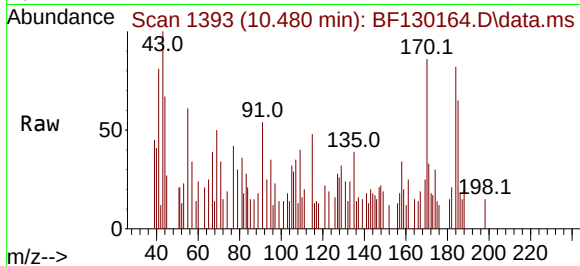




#65
4,6-Dinitro-2-methylphenol
Concen: 6.104 ng
RT: 10.480 min Scan# 1369
Delta R.T. 0.153 min
Lab File: BF130164.D
Acq: 07 Sep 2022 16:15

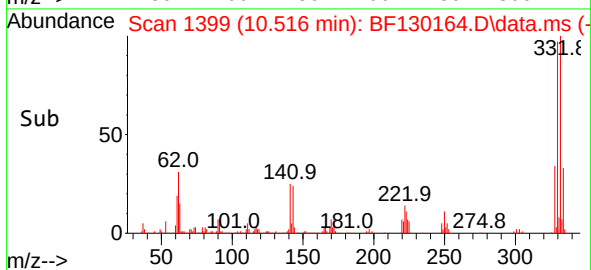
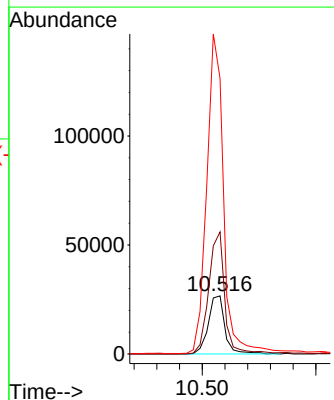
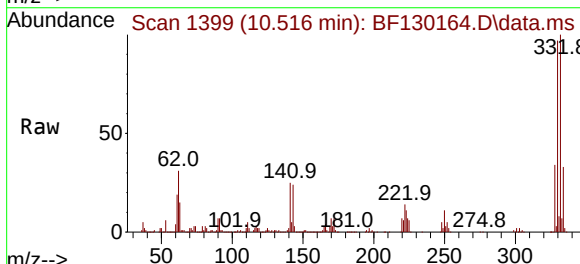
Instrument :
BNA_F
ClientSampleId :
WC-14-A-SP

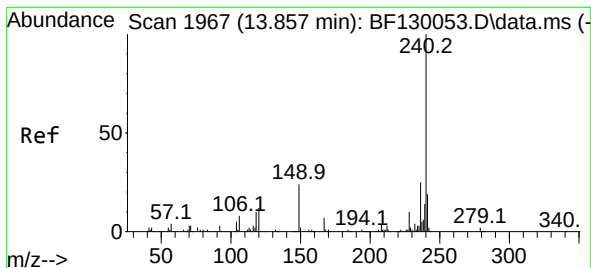
Tgt Ion:198 Resp: 67
Ion Ratio Lower Upper
198 100
51 279.5 29.4 69.4#
105 214.2 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.586 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.247 min
Lab File: BF130164.D
Acq: 07 Sep 2022 16:15

Tgt Ion:248 Resp: 27106
Ion Ratio Lower Upper
248 100
250 210.2 77.8 116.6#
141 474.0 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: BF130164.D

Acq: 07 Sep 2022 16:15

Instrument :

BNA_F

ClientSampleId :

WC-14-A-SP

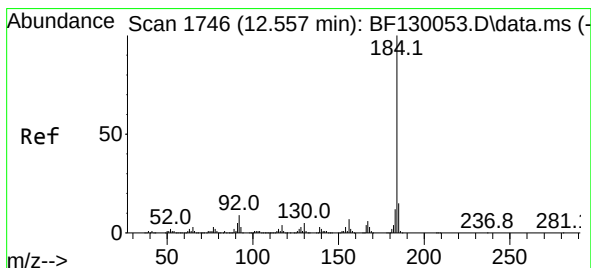
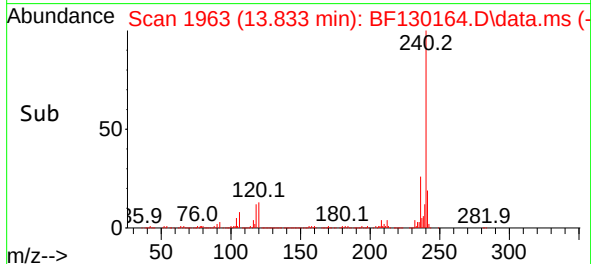
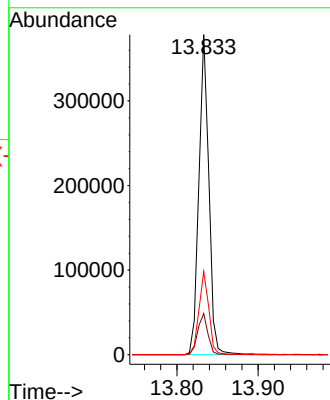
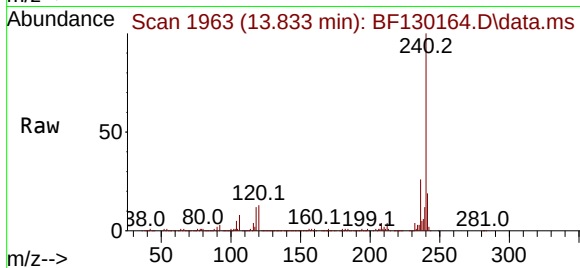
Tgt Ion:240 Resp: 324256

Ion Ratio Lower Upper

240 100

120 12.9 9.2 13.8

236 26.0 20.7 31.1



#77

Benzidine

Concen: 2.562 ng

RT: 12.792 min Scan# 1786

Delta R.T. 0.247 min

Lab File: BF130164.D

Acq: 07 Sep 2022 16:15

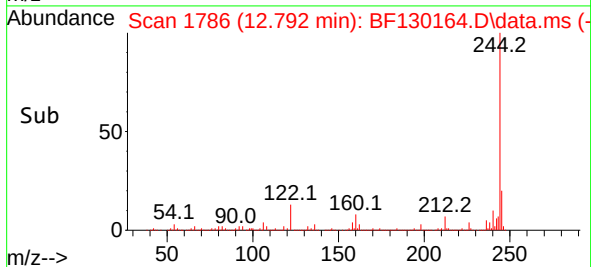
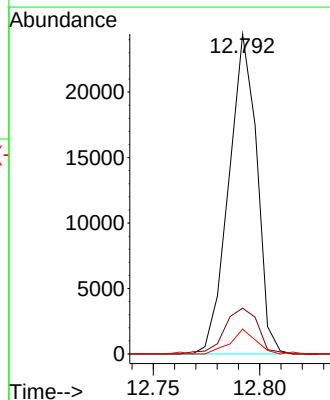
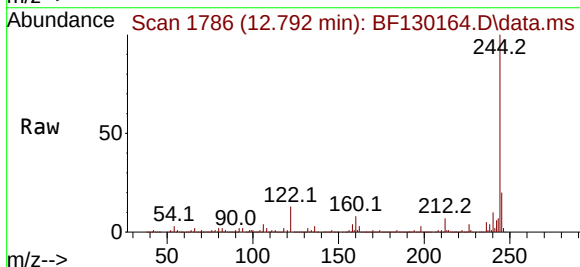
Tgt Ion:184 Resp: 22428

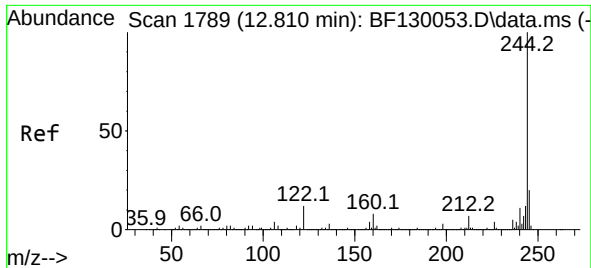
Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.2

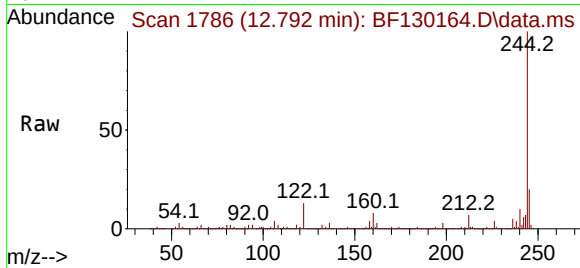
183 7.8 9.4 14.2#



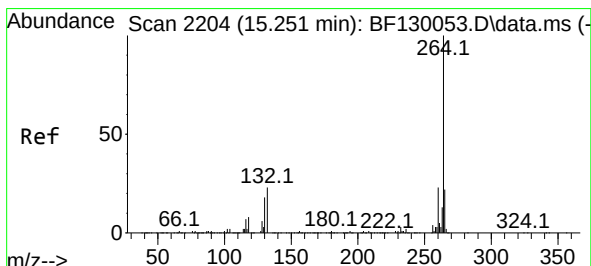
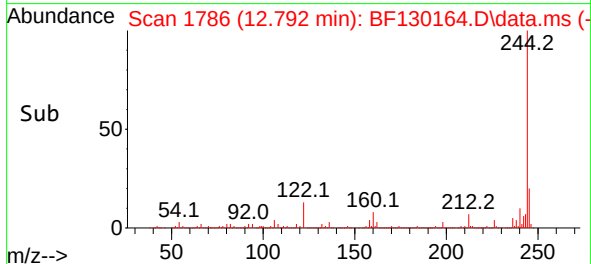
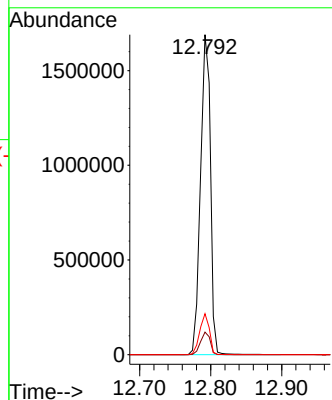


#79
 Terphenyl-d14
 Concen: 87.970 ng
 RT: 12.792 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF130164.D
 Acq: 07 Sep 2022 16:15

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



Tgt Ion:244 Resp: 1644911
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.8 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: BF130164.D
 Acq: 07 Sep 2022 16:15

Tgt Ion:264 Resp: 396633
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.8 16.7 25.1

