

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090122\
 Data File : BF130072.D
 Acq On : 01 Sep 2022 11:29
 Operator : CG\JU
 Sample : N4375-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-4

Quant Time: Sep 01 12:43:50 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF083122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 18:15:32 2022
 Response via : Initial Calibration

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

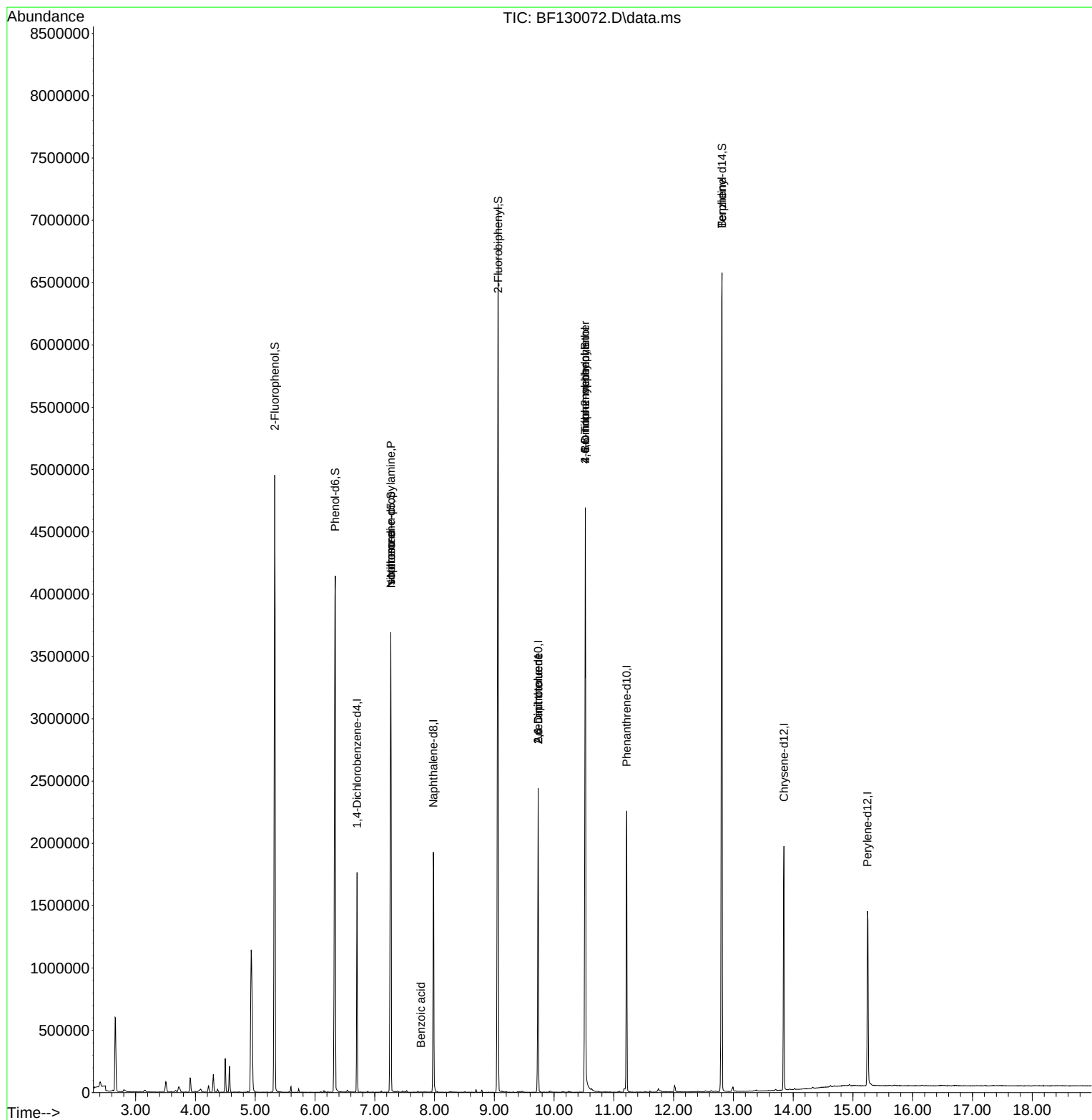
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	242460	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	976645	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	504115	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	831899	20.000	ng	0.00
76) Chrysene-d12	13.845	240	629343	20.000	ng	-0.01
86) Perylene-d12	15.245	264	601709	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.328	112	1780951	124.698	ng	0.02
7) Phenol-d6	6.340	99	1972808	110.797	ng	0.00
23) Nitrobenzene-d5	7.269	82	1480893	97.447	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	685891	149.469	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2587920	85.113	ng	0.00
79) Terphenyl-d14	12.810	244	2660798	73.317	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	191315	17.835	ng	# 74
25) Isophorone	7.269	82	1476652	48.008	ng	# 65
32) Benzoic acid	7.775	122	66	6.578	ng	# 80
51) 2,6-Dinitrotoluene	9.733	165	67338	10.059	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	67338	8.737	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1367	6.385	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	40584	4.386	ng	# 1
77) Benzidine	12.810	184	37214	2.190	ng	# 90

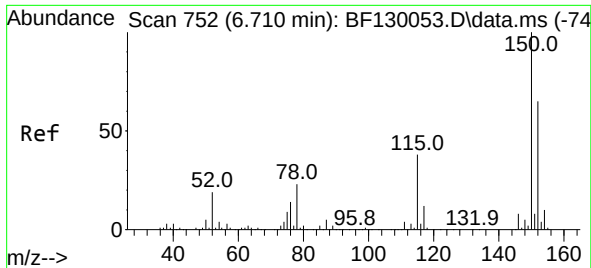
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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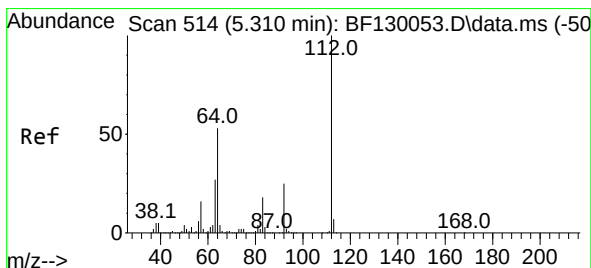
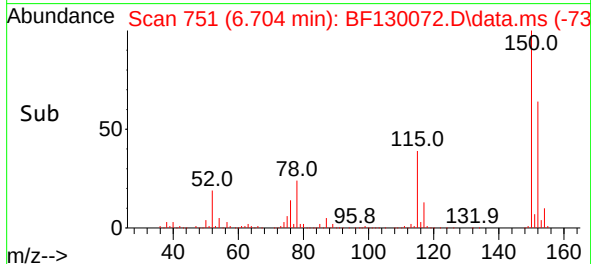
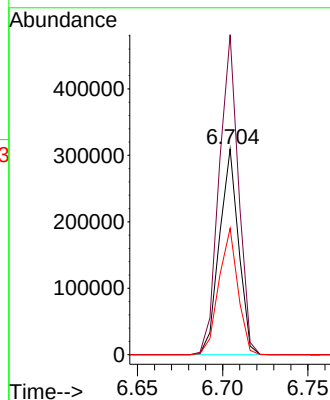
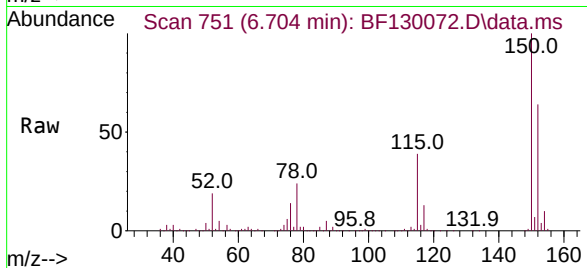




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

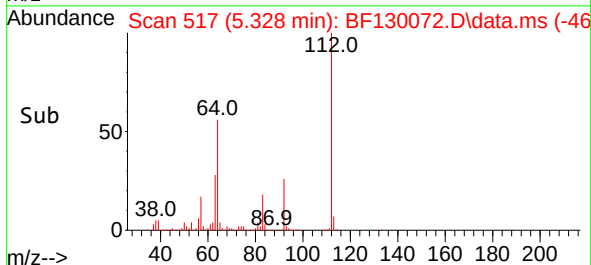
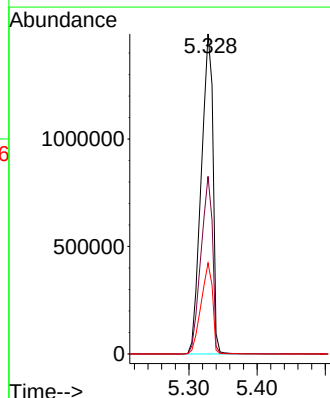
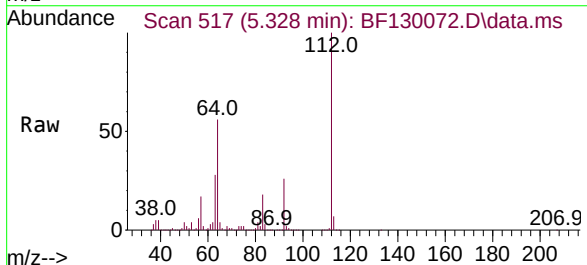
Instrument :
BNA_F
ClientSampleId :
WC-4

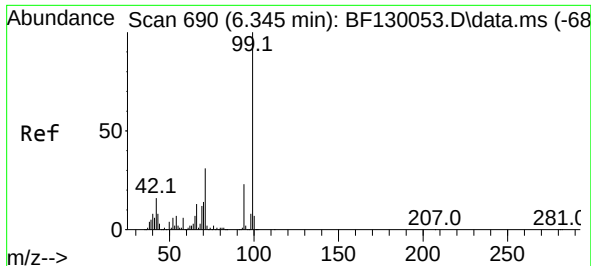
Tgt Ion:152 Resp: 242460
Ion Ratio Lower Upper
152 100
150 155.5 126.9 190.3
115 61.4 53.4 80.0



#5
2-Fluorophenol
Concen: 124.698 ng
RT: 5.328 min Scan# 517
Delta R.T. 0.018 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

Tgt Ion:112 Resp: 1780951
Ion Ratio Lower Upper
112 100
64 55.5 47.6 71.4
63 28.4 24.6 37.0

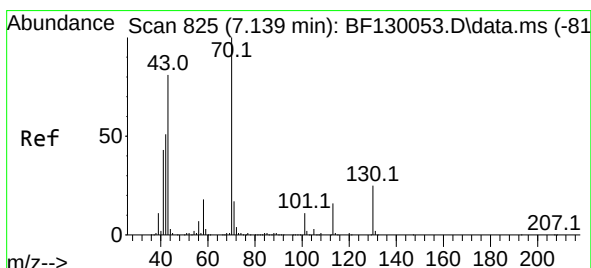
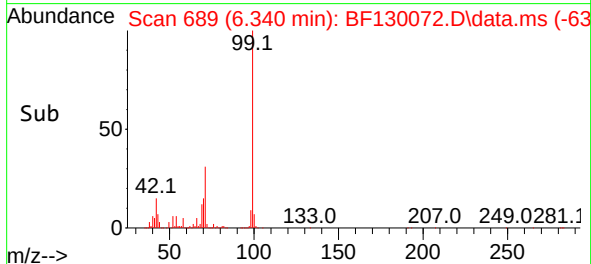
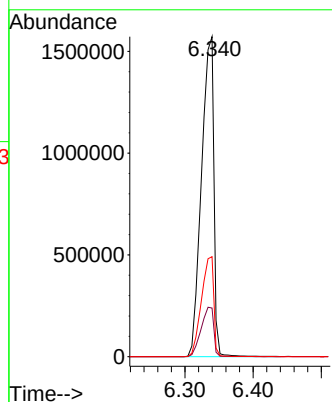
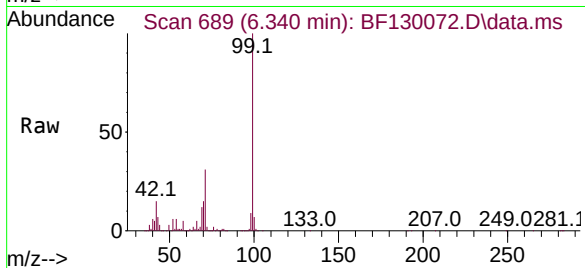




#7
Phenol-d6
Concen: 110.797 ng
RT: 6.340 min Scan# 61
Delta R.T. -0.006 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

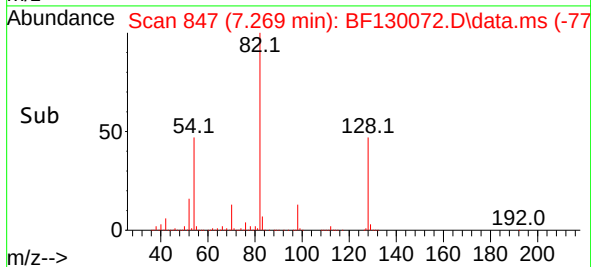
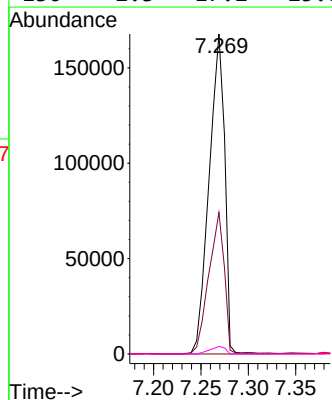
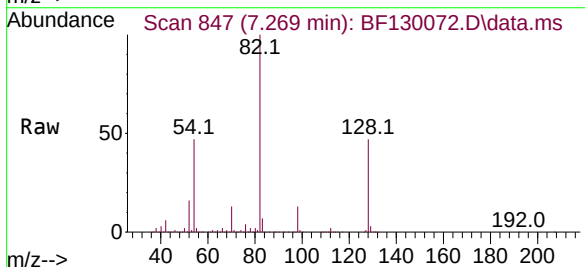
Instrument :
BNA_F
ClientSampleId :
WC-4

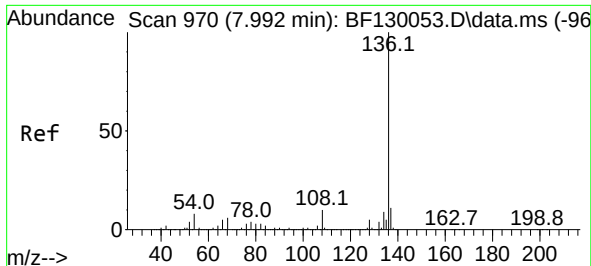
Tgt Ion: 99 Resp: 1972808
Ion Ratio Lower Upper
99 100
42 15.2 15.0 22.4
71 31.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.835 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

Tgt Ion: 70 Resp: 191315
Ion Ratio Lower Upper
70 100
42 44.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#

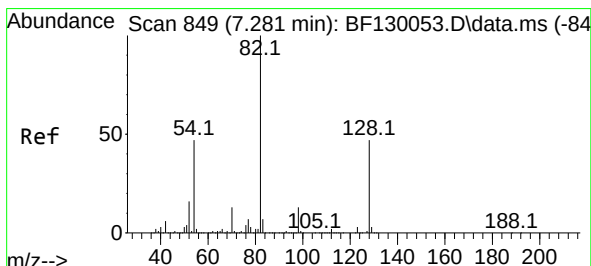
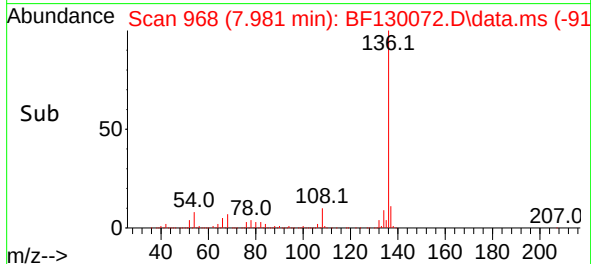
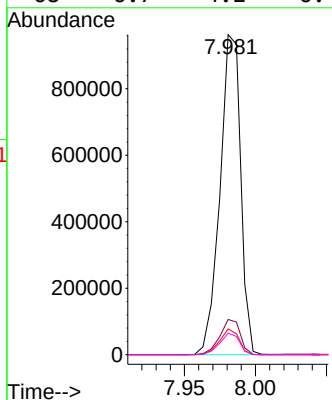
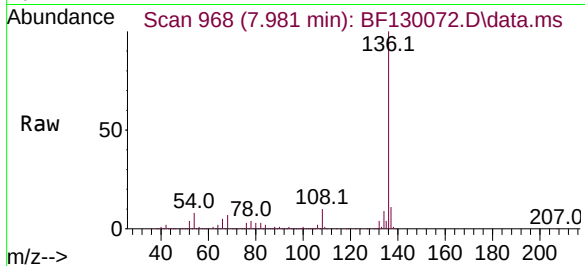




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

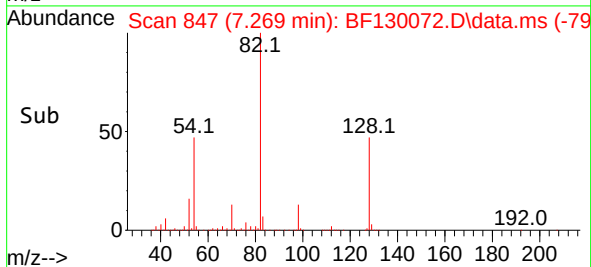
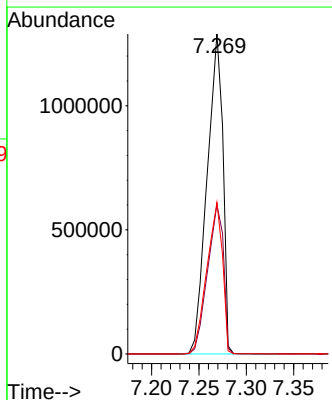
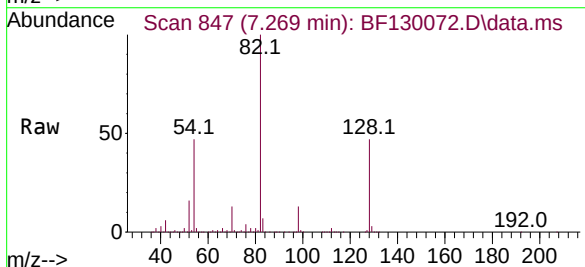
Instrument :
BNA_F
ClientSampleId :
WC-4

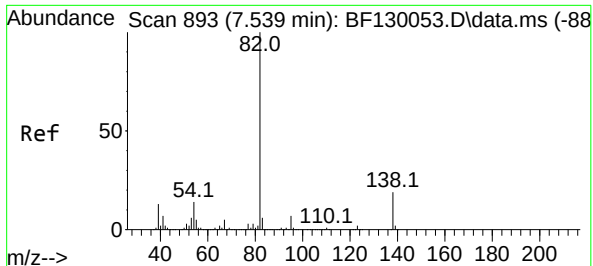
Tgt Ion:136 Resp: 976645
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 8.0 6.2 9.2
68 6.7 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 97.447 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

Tgt Ion: 82 Resp: 1480893
Ion Ratio Lower Upper
82 100
128 46.7 36.1 54.1
54 47.4 40.0 60.0

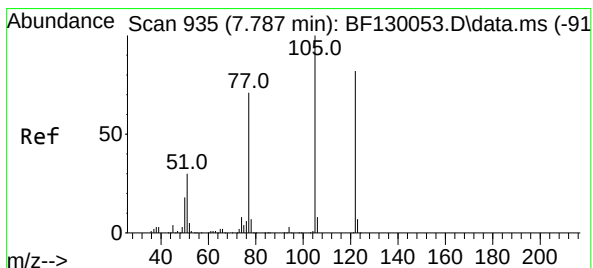
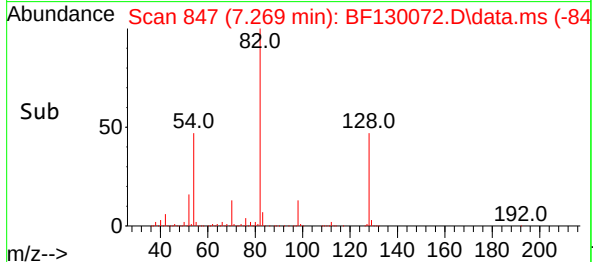
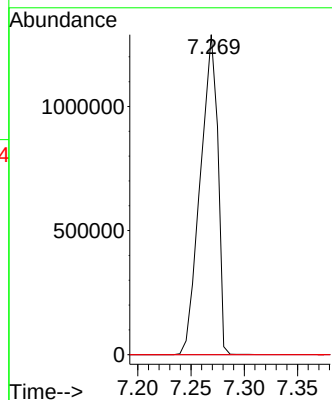
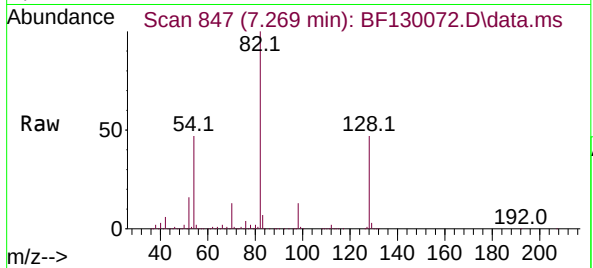




#25
Isophorone
Concen: 48.008 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

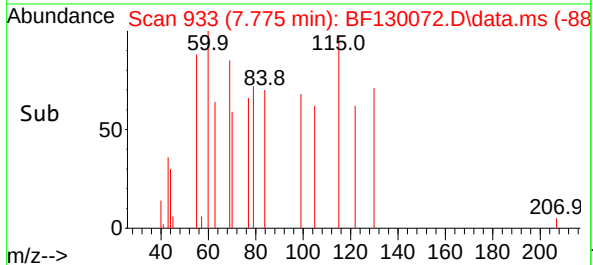
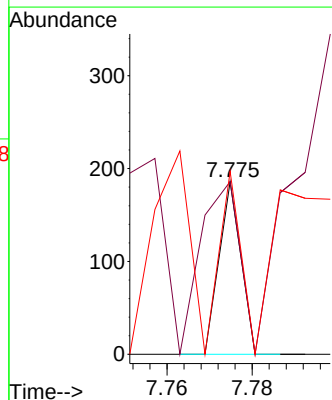
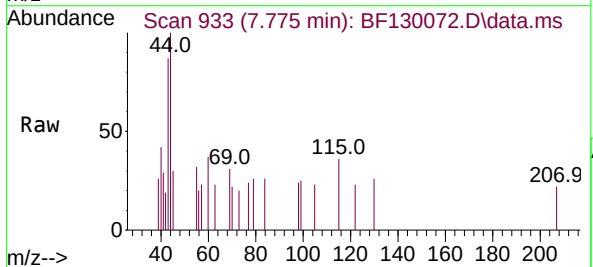
Instrument :
BNA_F
ClientSampleId :
WC-4

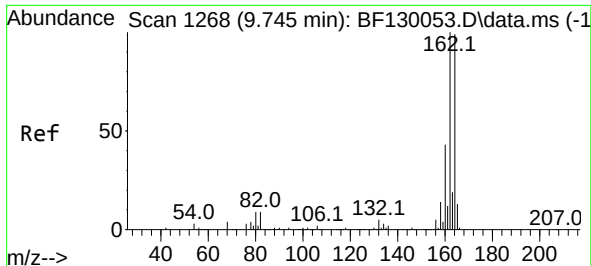
Tgt Ion: 82 Resp: 1476652
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.578 ng
RT: 7.775 min Scan# 933
Delta R.T. -0.012 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

Tgt Ion:122 Resp: 66
Ion Ratio Lower Upper
122 100
105 100.0 99.9 139.9
77 105.9 65.9 105.9#

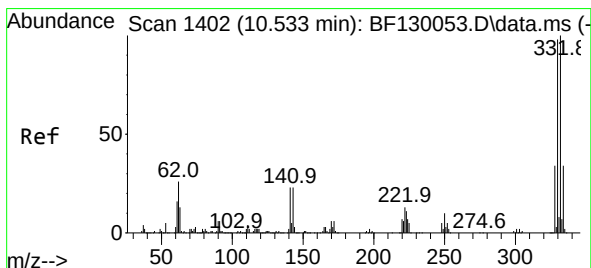
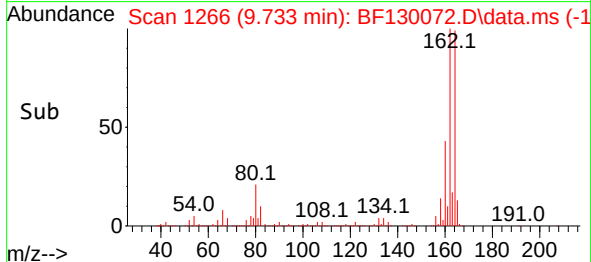
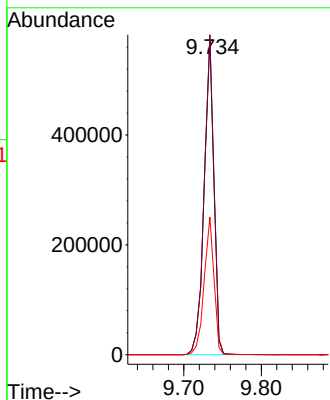
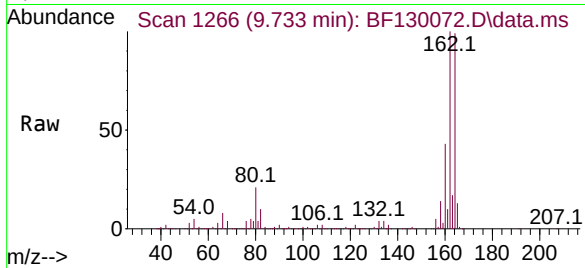




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

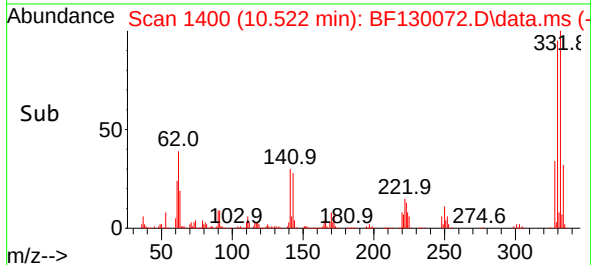
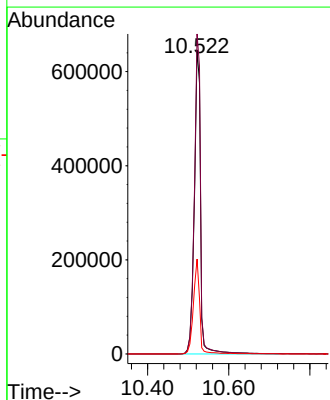
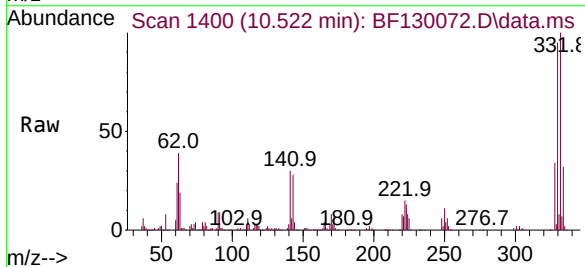
Instrument :
BNA_F
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WC-4

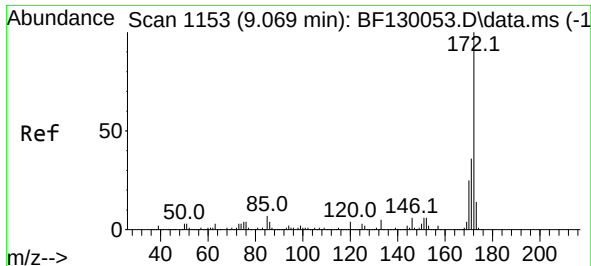
Tgt Ion:164 Resp: 504115
Ion Ratio Lower Upper
164 100
162 101.4 82.0 123.0
160 43.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 149.469 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

Tgt Ion:330 Resp: 685891
Ion Ratio Lower Upper
330 100
332 105.4 82.6 124.0
141 31.7 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 85.113 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130072.D

Acq: 01 Sep 2022 11:29

Instrument :

BNA_F

ClientSampleId :

WC-4

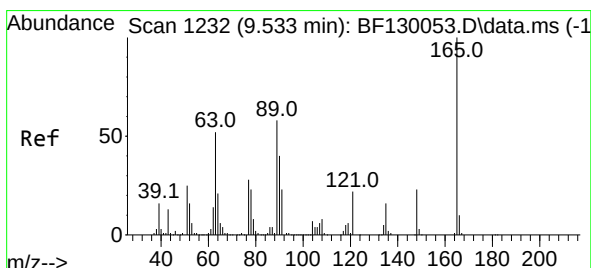
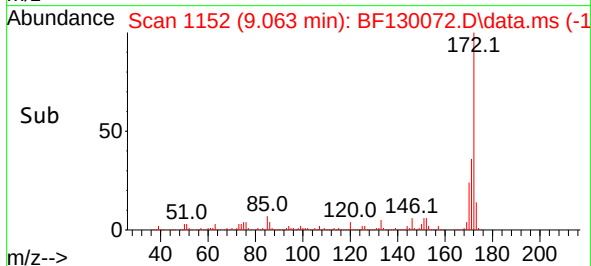
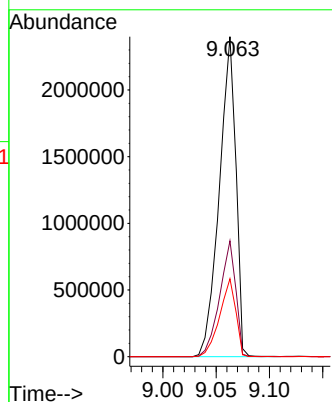
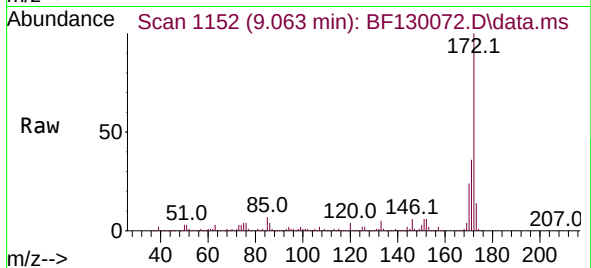
Tgt Ion:172 Resp: 2587920

Ion Ratio Lower Upper

172 100

171 36.2 28.4 42.6

170 24.4 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 10.059 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130072.D

Acq: 01 Sep 2022 11:29

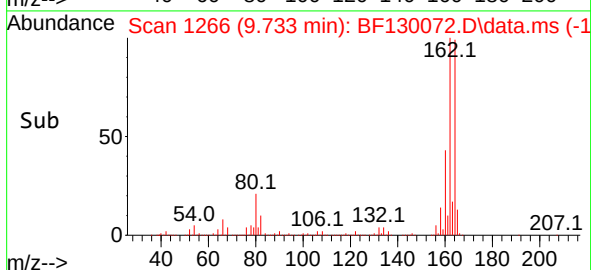
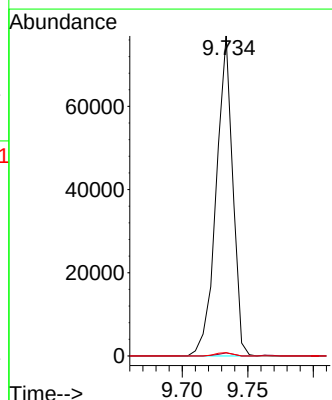
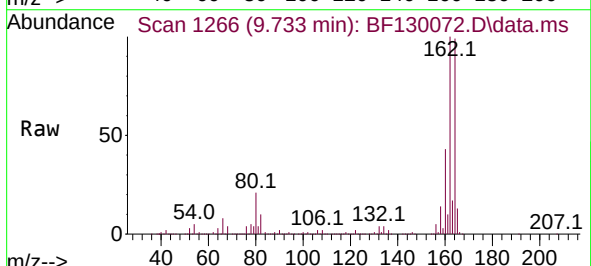
Tgt Ion:165 Resp: 67338

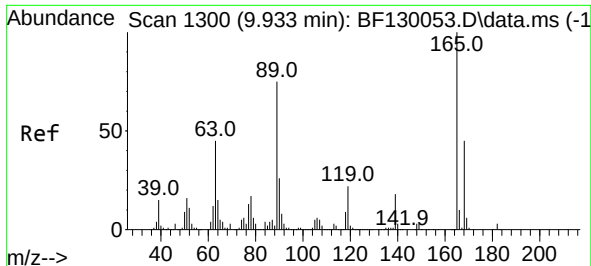
Ion Ratio Lower Upper

165 100

63 0.9 47.8 71.8#

89 1.1 47.2 70.8#

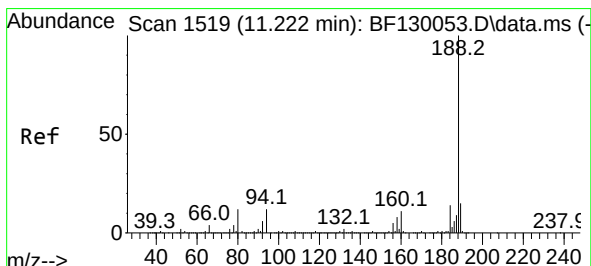
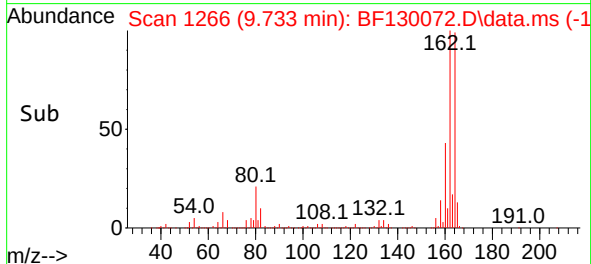
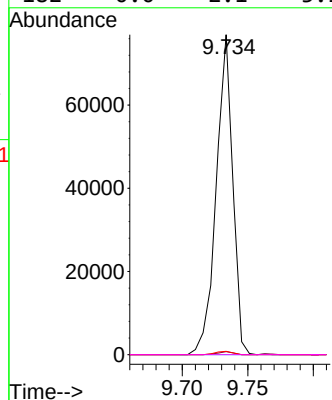
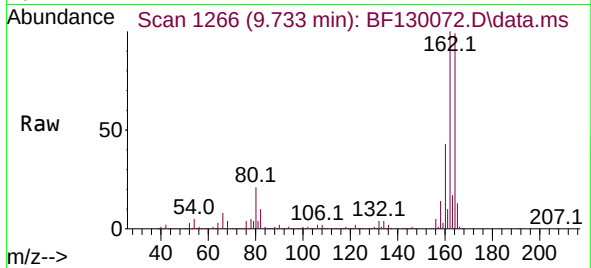




#57
2,4-Dinitrotoluene
Concen: 8.737 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

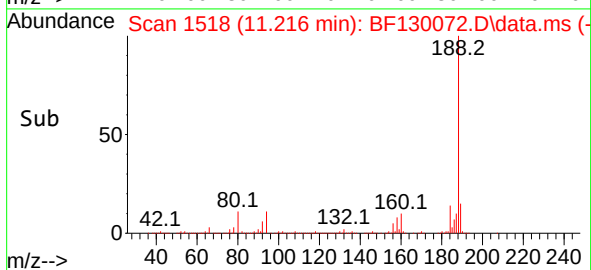
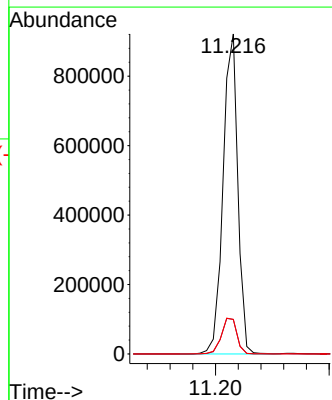
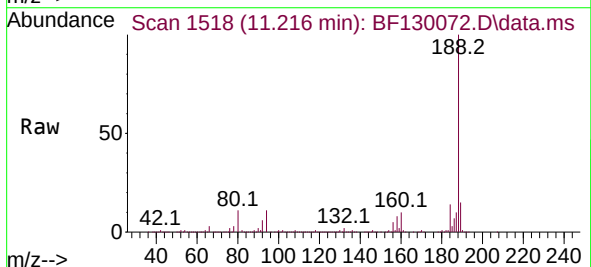
Instrument :
BNA_F
ClientSampleId :
WC-4

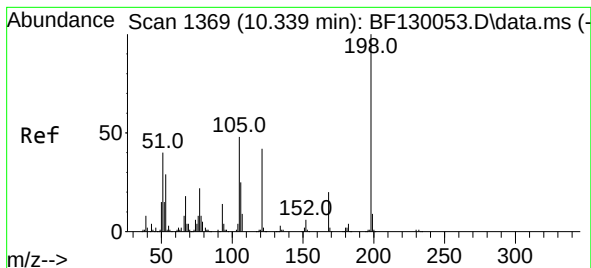
Tgt Ion:165 Resp: 67338
Ion Ratio Lower Upper
165 100
63 0.9 48.4 72.6#
89 1.1 62.3 93.5#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.216 min Scan# 1518
Delta R.T. -0.006 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

Tgt Ion:188 Resp: 831899
Ion Ratio Lower Upper
188 100
94 10.8 7.4 11.2
80 10.8 7.9 11.9

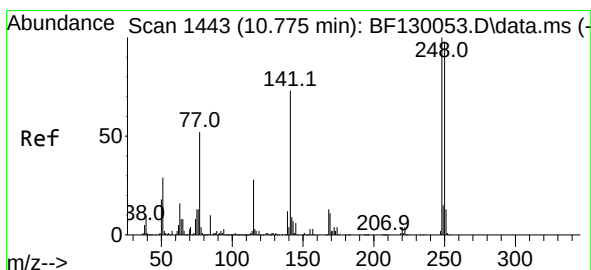
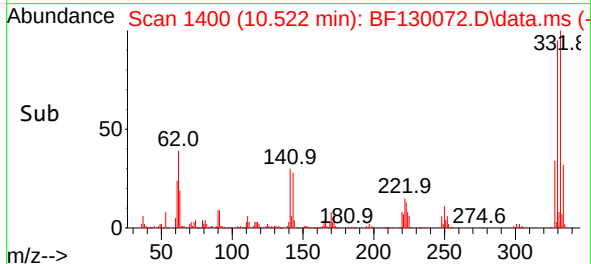
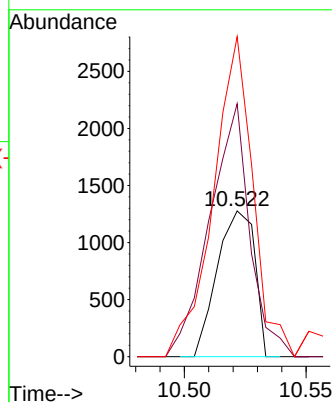
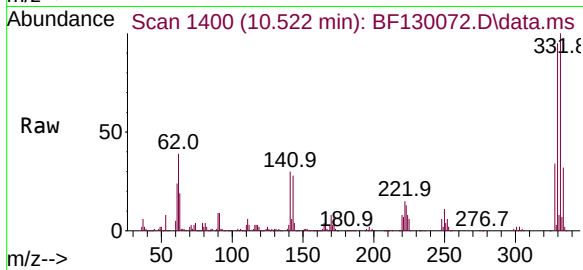




#65
4,6-Dinitro-2-methylphenol
Concen: 6.385 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

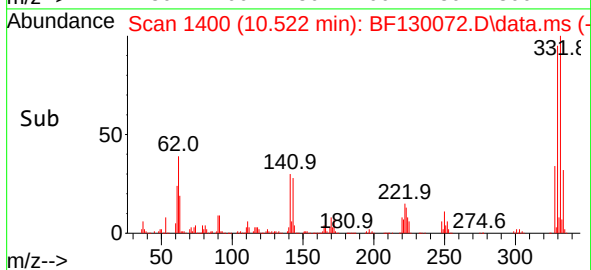
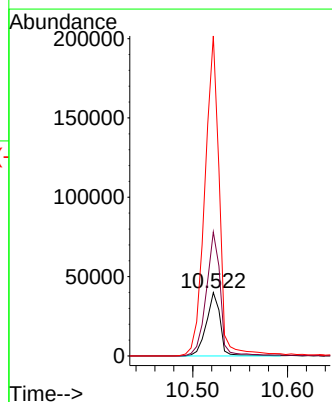
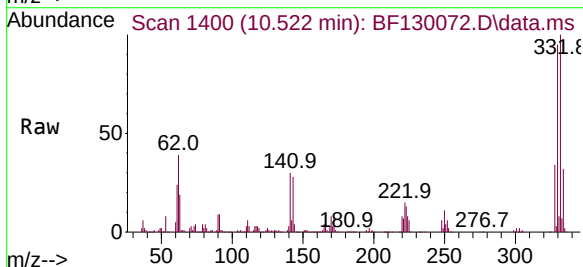
Instrument :
BNA_F
ClientSampleId :
WC-4

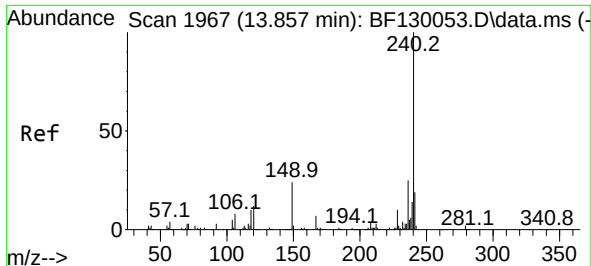
Tgt Ion:198 Resp: 1367
Ion Ratio Lower Upper
198 100
51 173.5 29.4 69.4#
105 219.4 29.2 69.2#



#67
4-Bromophenyl-phenylether
Concen: 4.386 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.253 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

Tgt Ion:248 Resp: 40584
Ion Ratio Lower Upper
248 100
250 195.6 77.8 116.6#
141 504.9 66.2 99.2#

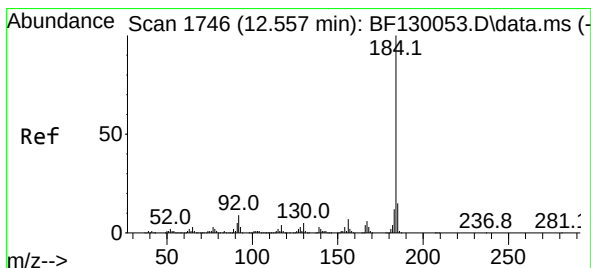
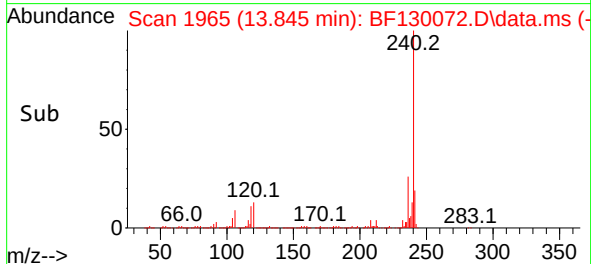
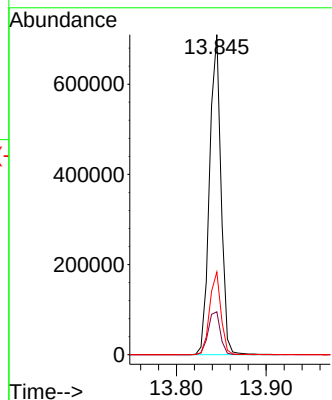
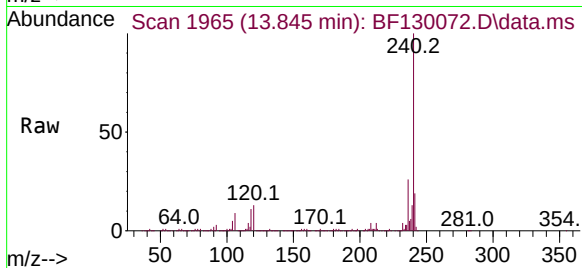




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

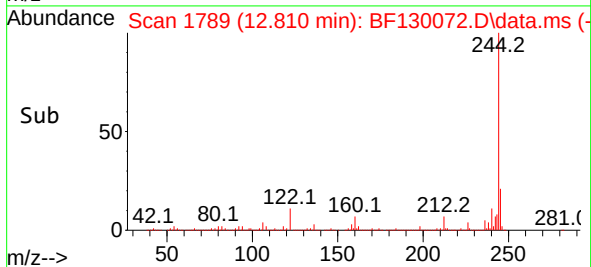
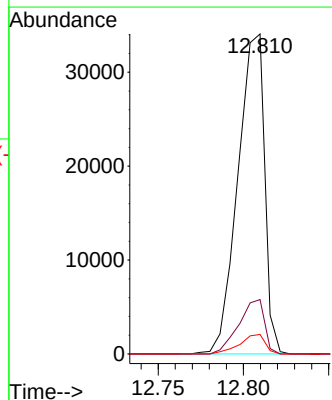
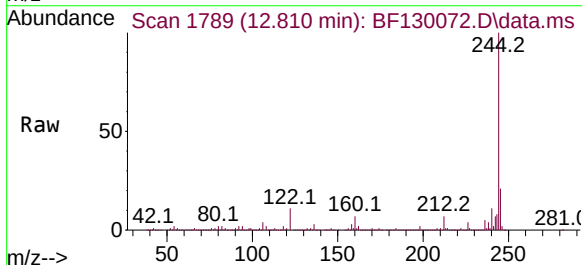
Instrument :
BNA_F
ClientSampleId :
WC-4

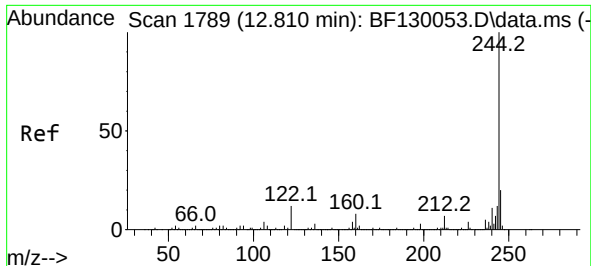
Tgt Ion:240 Resp: 629343
Ion Ratio Lower Upper
240 100
120 13.4 9.2 13.8
236 25.9 20.7 31.1



#77
Benzidine
Concen: 2.190 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.253 min
Lab File: BF130072.D
Acq: 01 Sep 2022 11:29

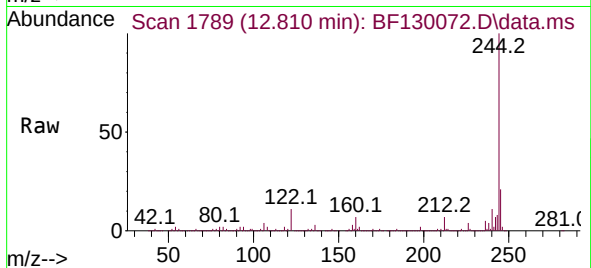
Tgt Ion:184 Resp: 37214
Ion Ratio Lower Upper
184 100
185 17.0 11.4 17.2
183 6.1 9.4 14.2#



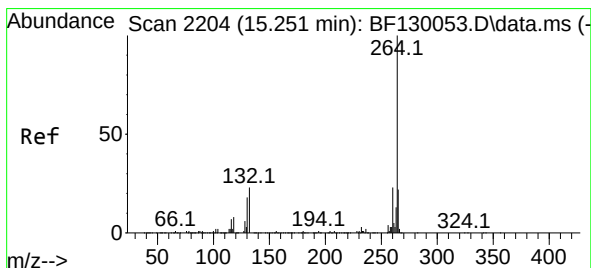
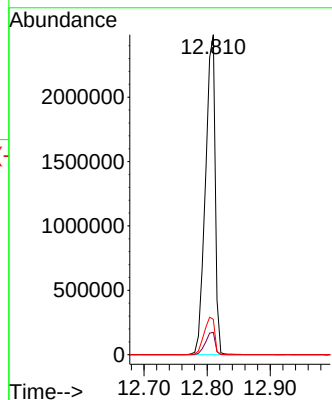
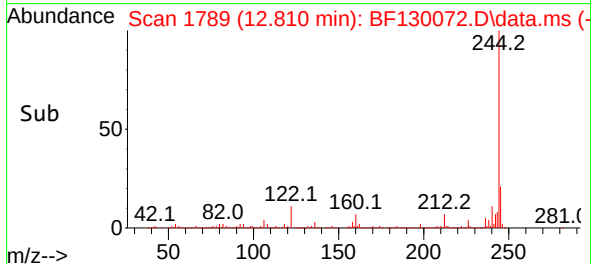


#79
 Terphenyl-d14
 Concen: 73.317 ng
 RT: 12.810 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF130072.D
 Acq: 01 Sep 2022 11:29

Instrument :
 BNA_F
 ClientSampleId :
 WC-4



Tgt Ion:244 Resp: 2660798
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.1 9.9 14.9



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.245 min Scan# 2203
 Delta R.T. -0.006 min
 Lab File: BF130072.D
 Acq: 01 Sep 2022 11:29

Tgt Ion:264 Resp: 601709
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.1 28.7
 265 22.2 16.7 25.1

