

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130128.D
 Acq On : 03 Sep 2022 00:11
 Operator : CG\JU
 Sample : N4446-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Quant Time: Sep 03 05:54:44 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)

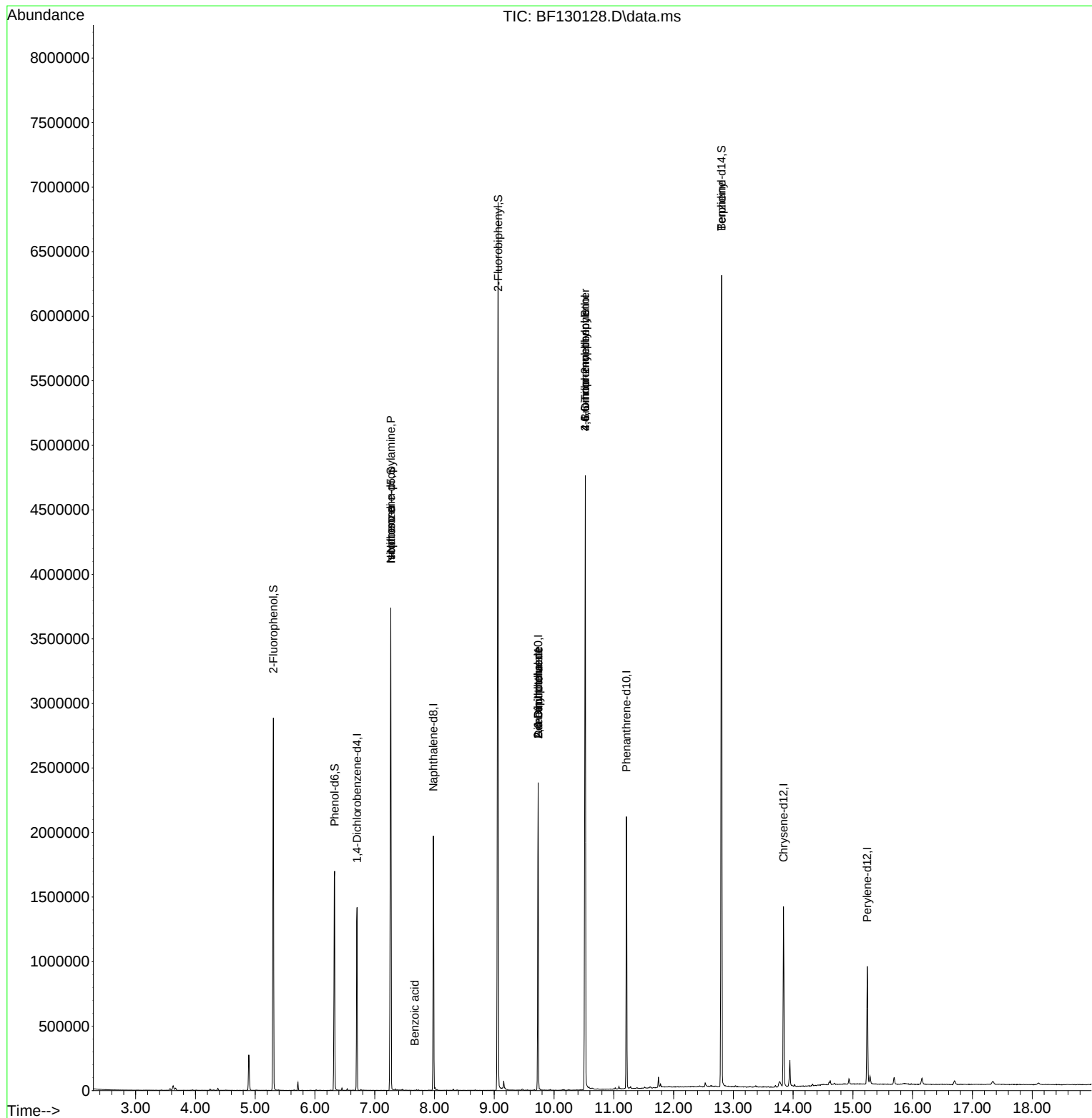
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	219392	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	861290	20.000	ng	#-0.01
39) Acenaphthene-d10	9.734	164	454312	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	735498	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	434376	20.000	ng	-0.02
86) Perylene-d12	15.239	264	377280	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	825295	63.861	ng	0.00
7) Phenol-d6	6.328	99	624142	38.739	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1331390	99.343	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	617287	149.265	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2343647	85.529	ng	0.00
79) Terphenyl-d14	12.804	244	2286996	91.302	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	173085	17.832	ng	# 74
25) Isophorone	7.269	82	1326673	48.909	ng	# 65
32) Benzoic acid	7.669	122	364	6.606	ng	# 61
50) Dimethylphthalate	9.734	163	87292	2.821	ng	# 1
51) 2,6-Dinitrotoluene	9.734	165	59215	9.815	ng	# 22
57) 2,4-Dinitrotoluene	9.734	165	59206	8.524	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1407	6.435	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	36598	4.474	ng	# 1
77) Benzidine	12.804	184	31478	2.684	ng	# 93

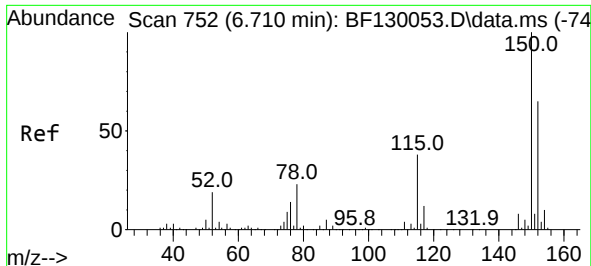
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 03 05:54:44 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

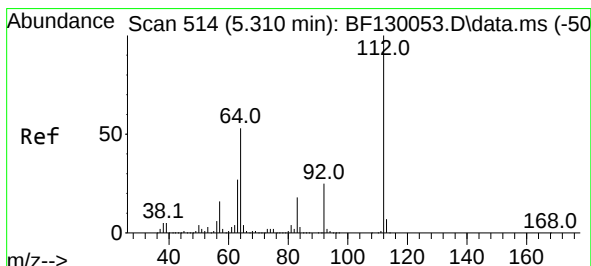
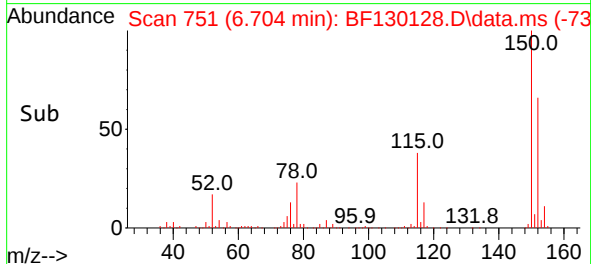
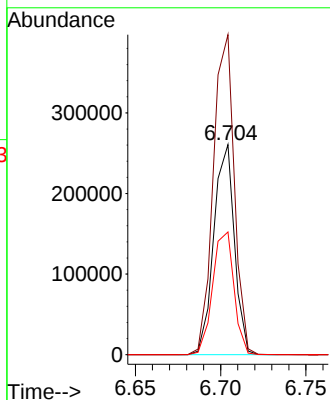
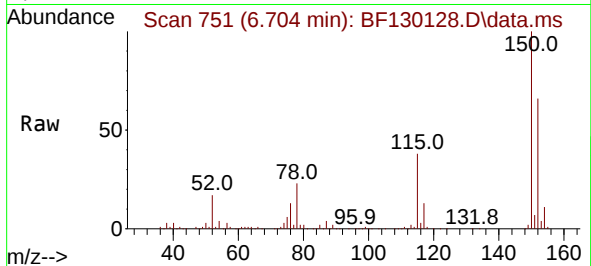




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

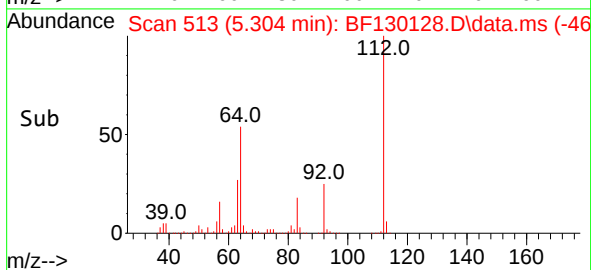
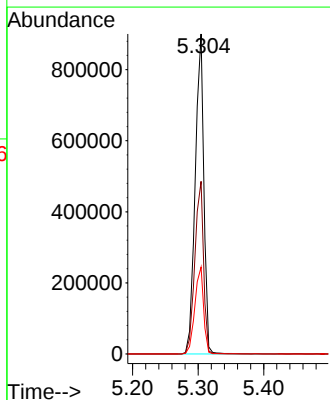
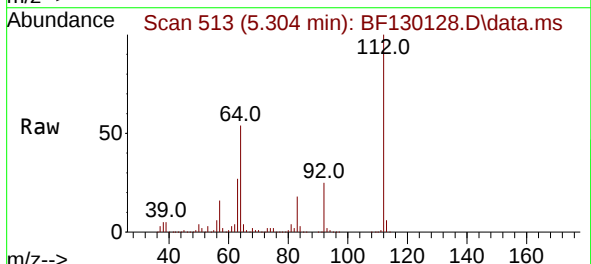
Instrument :
BNA_F
ClientSampleId :
MW-05

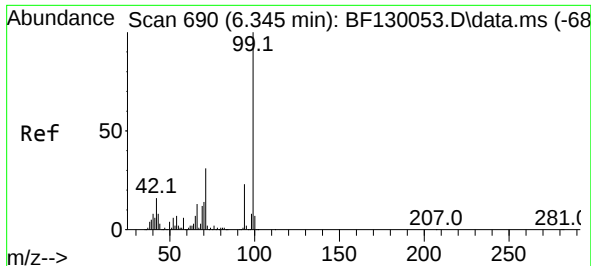
Tgt Ion:152 Resp: 219392
Ion Ratio Lower Upper
152 100
150 152.4 126.9 190.3
115 58.4 53.4 80.0



#5
2-Fluorophenol
Concen: 63.861 ng
RT: 5.304 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

Tgt Ion:112 Resp: 825295
Ion Ratio Lower Upper
112 100
64 54.0 47.6 71.4
63 27.1 24.6 37.0

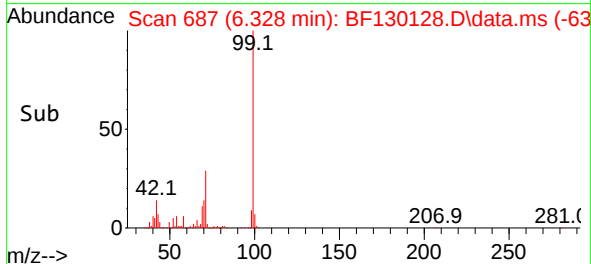
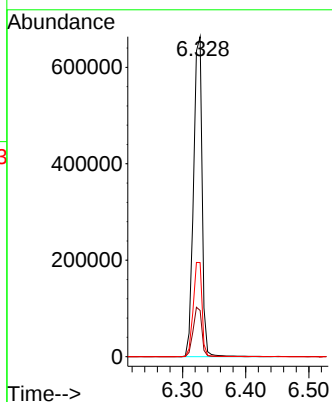
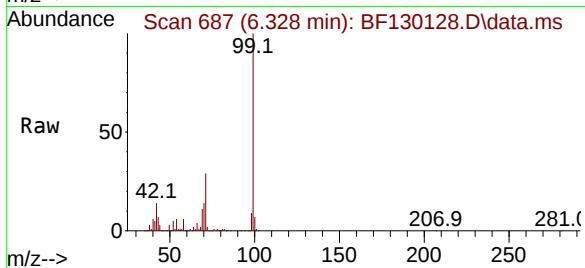




#7
Phenol-d6
Concen: 38.739 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

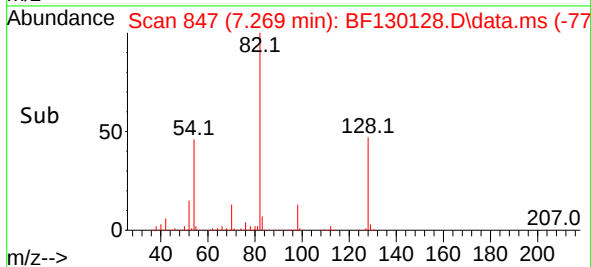
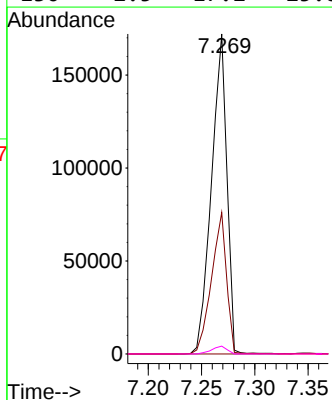
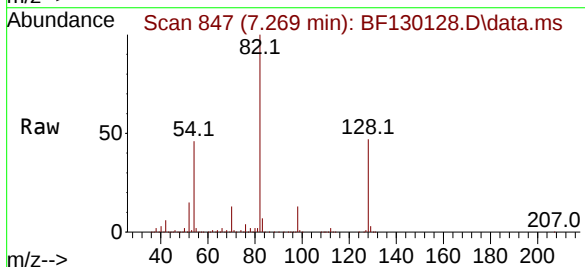
Instrument :
BNA_F
ClientSampleId :
MW-05

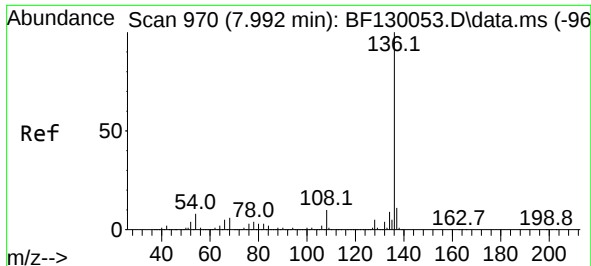
Tgt Ion: 99 Resp: 624142
Ion Ratio Lower Upper
99 100
42 14.5 15.0 22.4#
71 29.4 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.832 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

Tgt Ion: 70 Resp: 173085
Ion Ratio Lower Upper
70 100
42 44.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.5 17.2 25.8#

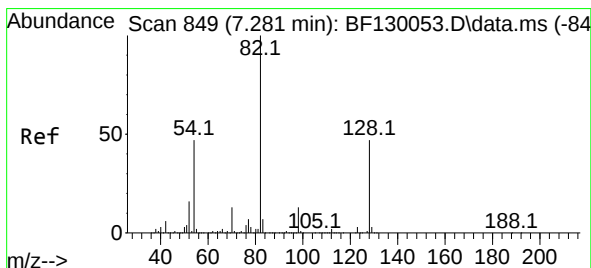
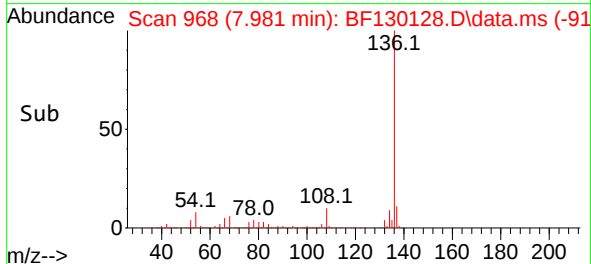
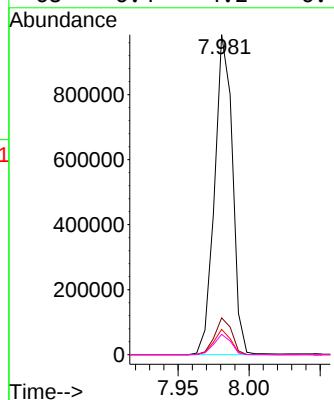
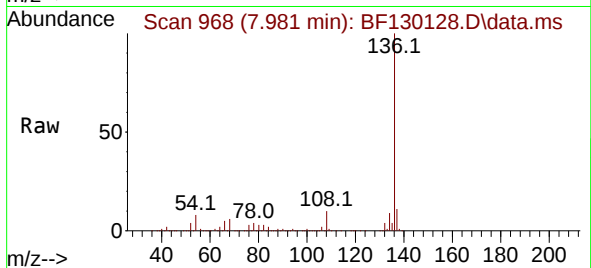




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 910
Delta R.T. -0.011 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

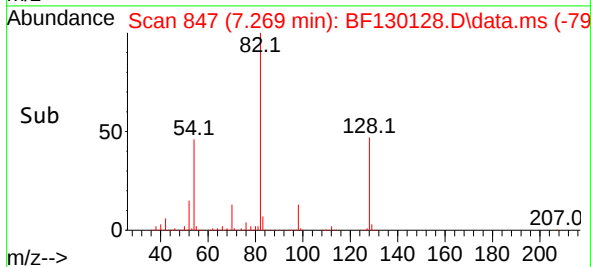
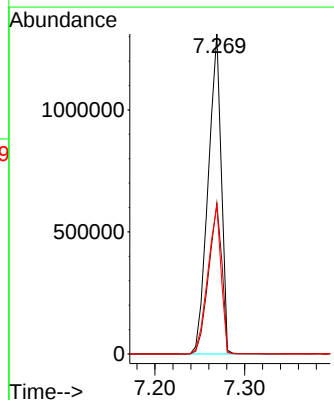
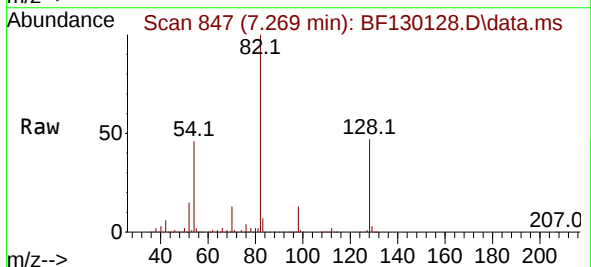
Instrument :
BNA_F
ClientSampleId :
MW-05

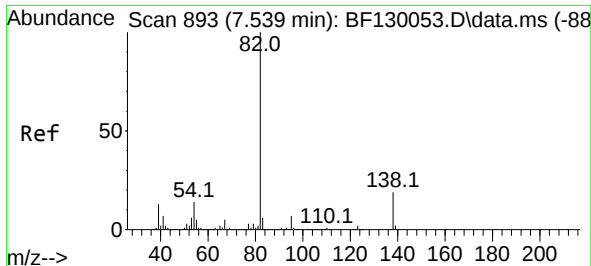
Tgt Ion:136 Resp: 861290
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 7.9 6.2 9.2
68 6.4 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 99.343 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

Tgt Ion: 82 Resp: 1331390
Ion Ratio Lower Upper
82 100
128 47.1 36.1 54.1
54 46.4 40.0 60.0

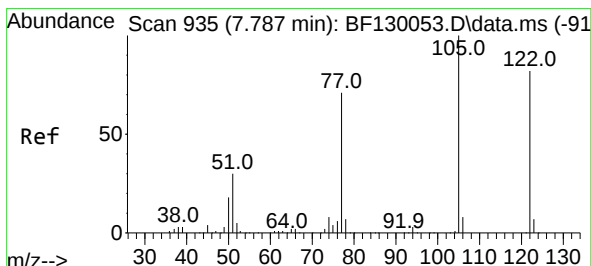
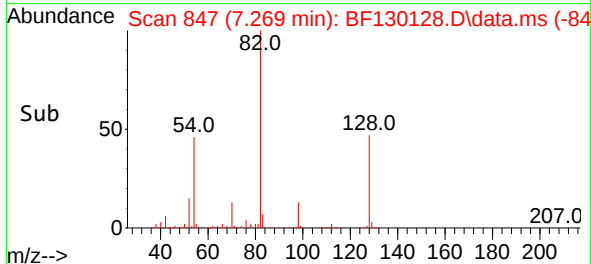
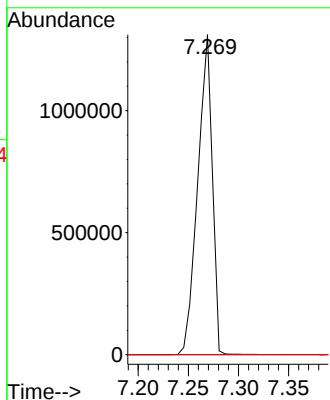
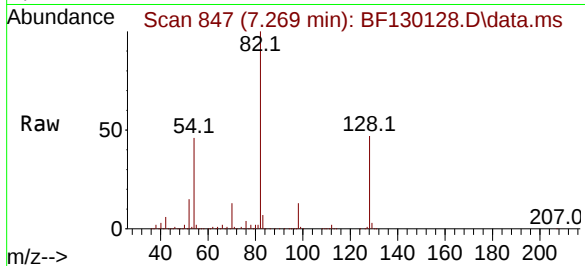




#25
Isophorone
Concen: 48.909 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.270 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

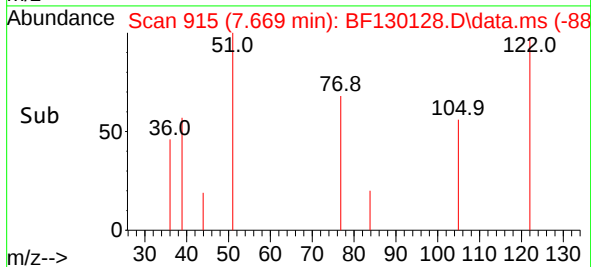
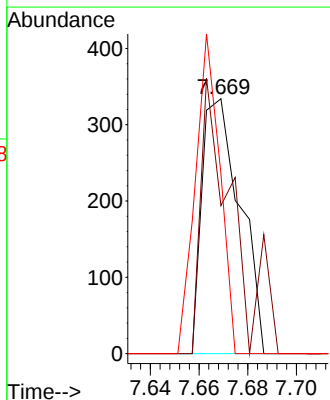
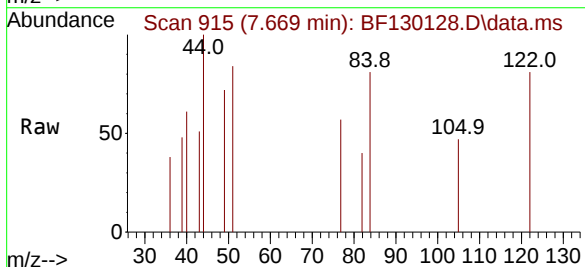
Instrument :
BNA_F
ClientSampleId :
MW-05

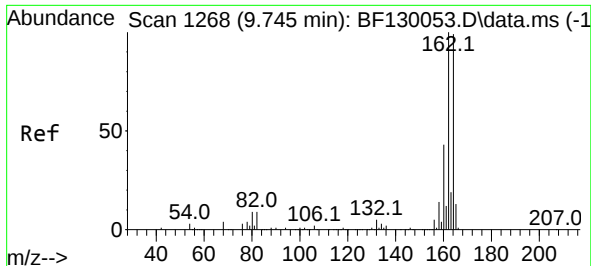
Tgt Ion: 82 Resp: 1326673
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.606 ng
RT: 7.669 min Scan# 915
Delta R.T. -0.118 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

Tgt Ion: 122 Resp: 364
Ion Ratio Lower Upper
122 100
105 58.1 99.9 139.9#
77 70.7 65.9 105.9

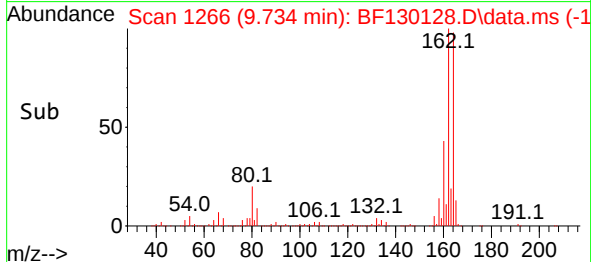
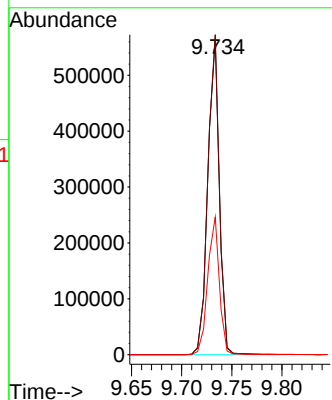
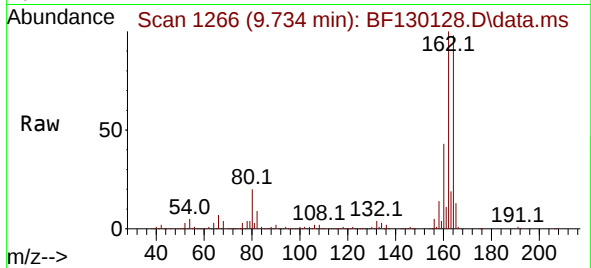




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.734 min Scan# 11
Delta R.T. -0.011 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

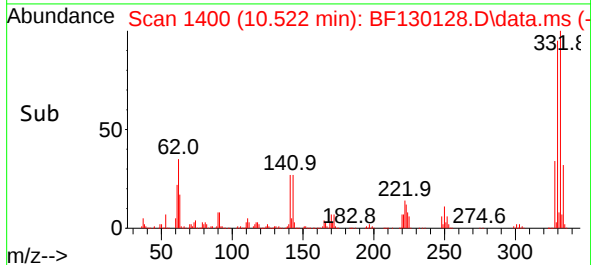
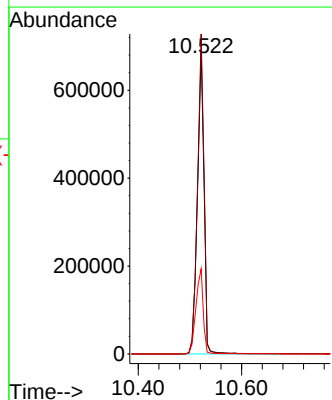
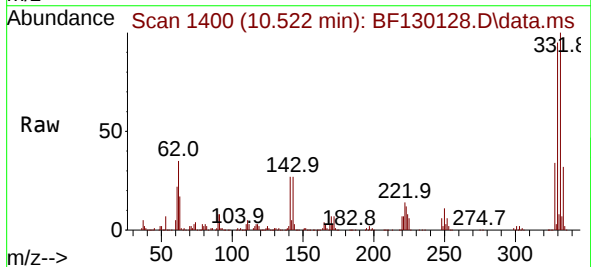
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ClientSampleId :
MW-05

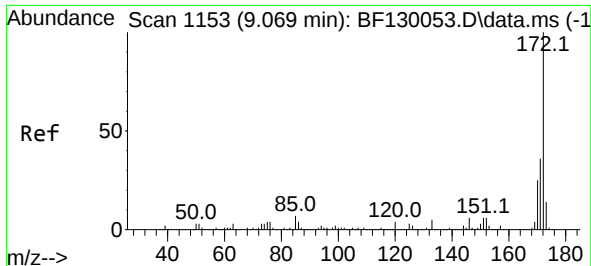
Tgt Ion:164 Resp: 454312
Ion Ratio Lower Upper
164 100
162 101.6 82.0 123.0
160 43.7 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 149.265 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

Tgt Ion:330 Resp: 617287
Ion Ratio Lower Upper
330 100
332 104.0 82.6 124.0
141 30.8 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 85.529 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130128.D

Acq: 03 Sep 2022 00:11

Instrument :

BNA_F

ClientSampleId :

MW-05

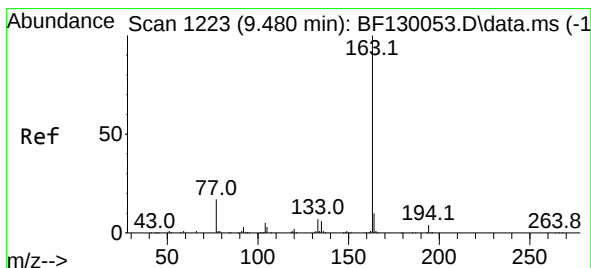
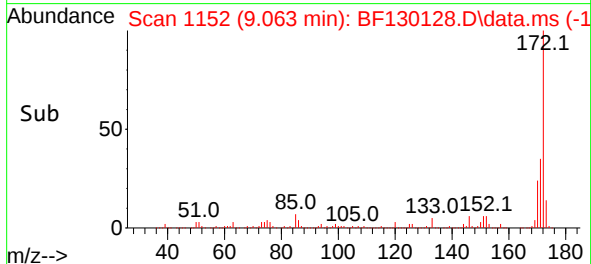
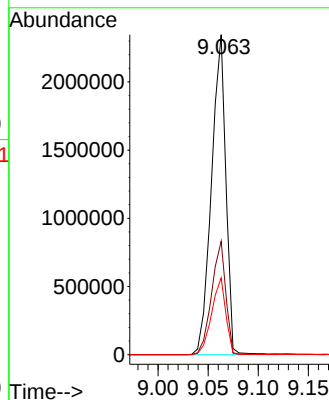
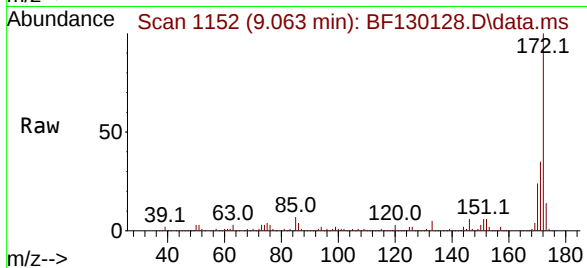
Tgt Ion:172 Resp: 2343647

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 24.0 19.1 28.7



#50

Dimethylphthalate

Concen: 2.821 ng

RT: 9.734 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130128.D

Acq: 03 Sep 2022 00:11

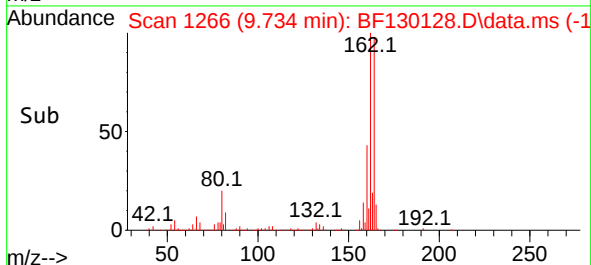
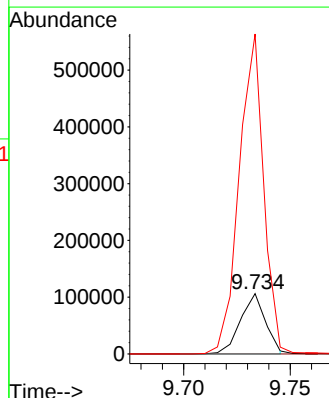
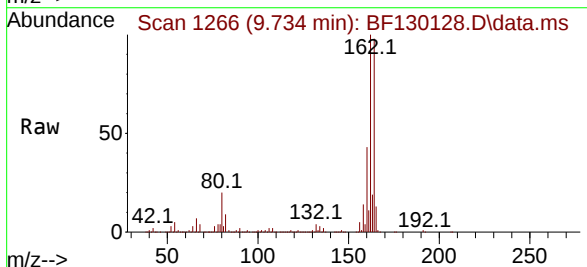
Tgt Ion:163 Resp: 87292

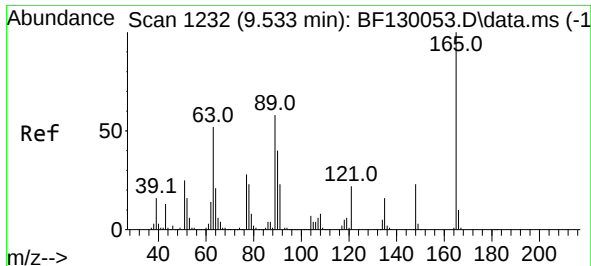
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 530.7 8.2 12.2#

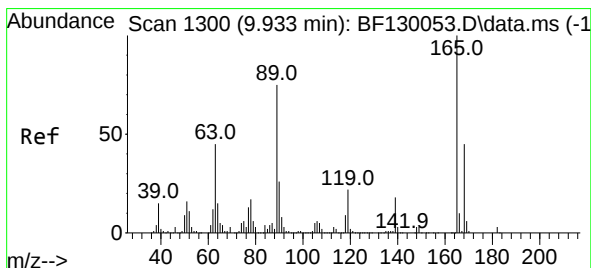
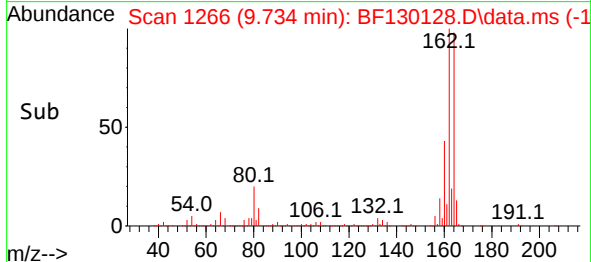
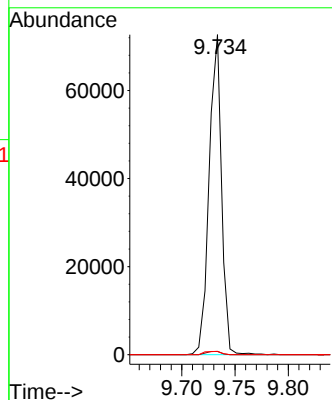
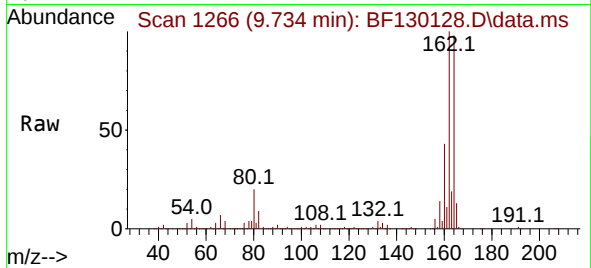




#51
2,6-Dinitrotoluene
Concen: 9.815 ng
RT: 9.734 min Scan# 1266
Delta R.T. 0.200 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

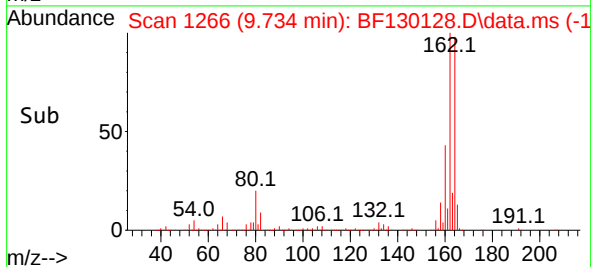
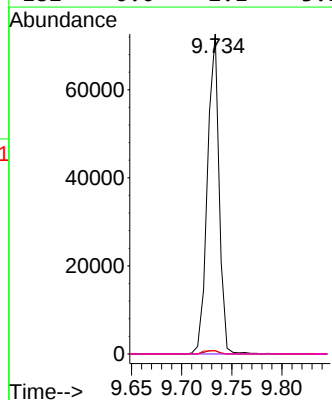
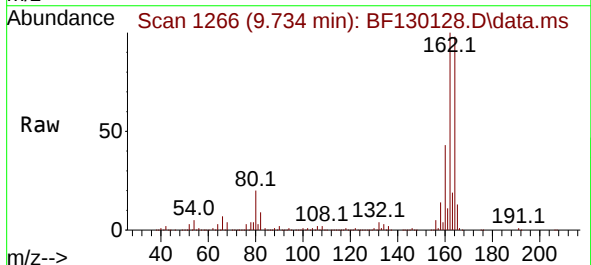
Instrument :
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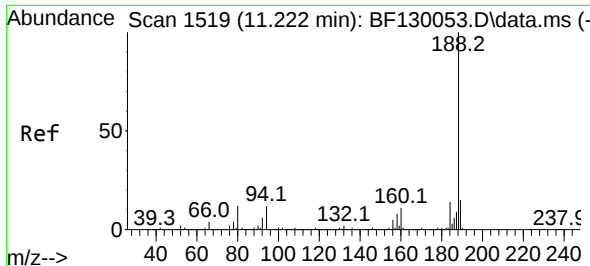
Tgt Ion:165 Resp: 59215
Ion Ratio Lower Upper
165 100
63 1.0 47.8 71.8#
89 1.0 47.2 70.8#



#57
2,4-Dinitrotoluene
Concen: 8.524 ng
RT: 9.734 min Scan# 1266
Delta R.T. -0.200 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

Tgt Ion:165 Resp: 59206
Ion Ratio Lower Upper
165 100
63 1.0 48.4 72.6#
89 1.0 62.3 93.5#
182 0.0 2.1 3.1#

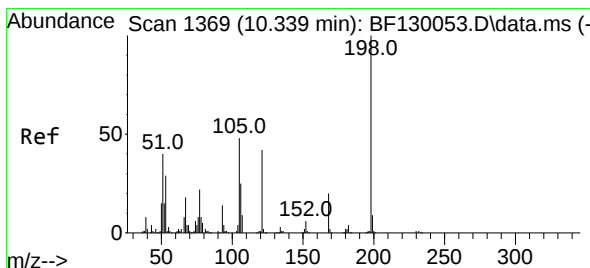
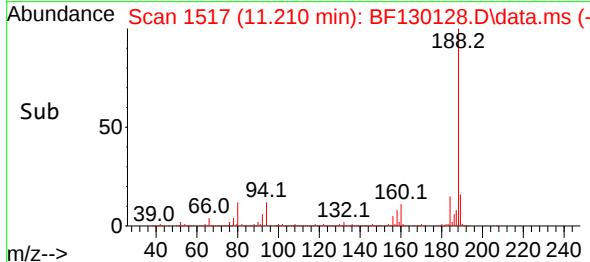
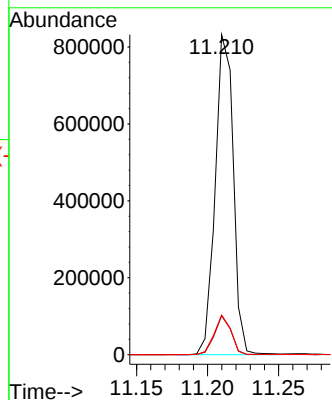
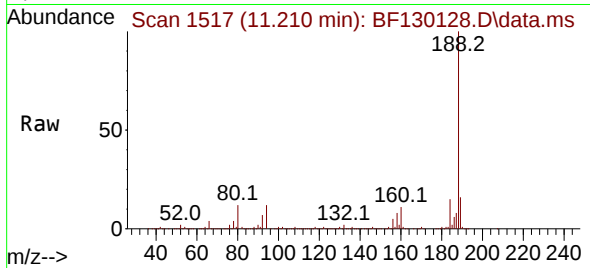




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

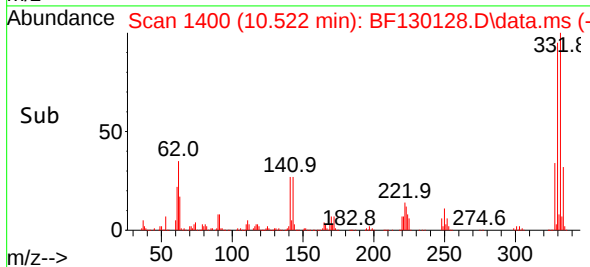
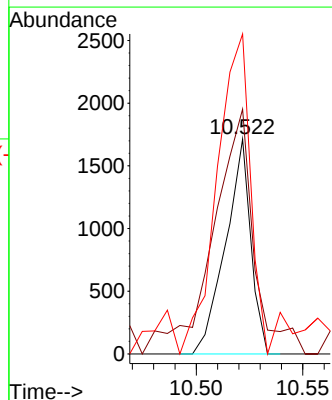
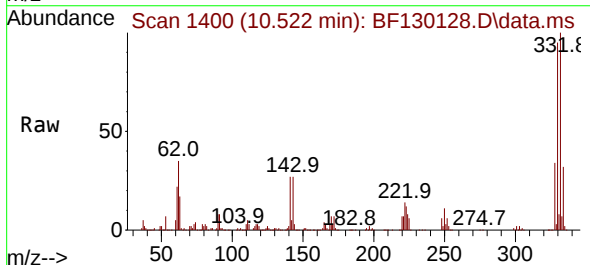
Instrument :
BNA_F
ClientSampleId :
MW-05

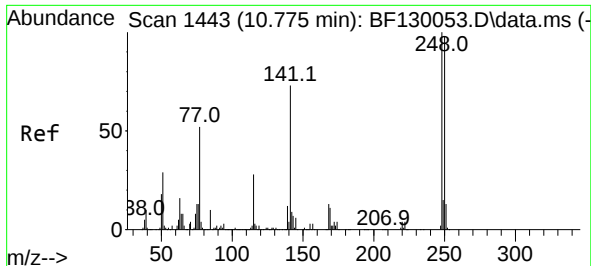
Tgt Ion:188 Resp: 735498
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 12.4 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.435 ng
RT: 10.522 min Scan# 1400
Delta R.T. 0.183 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

Tgt Ion:198 Resp: 1407
Ion Ratio Lower Upper
198 100
51 114.0 29.4 69.4#
105 149.0 29.2 69.2#

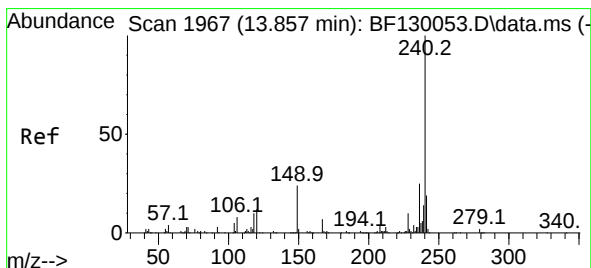
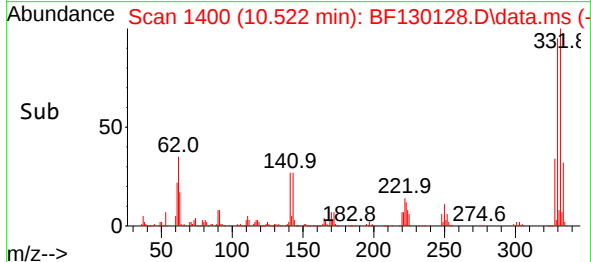
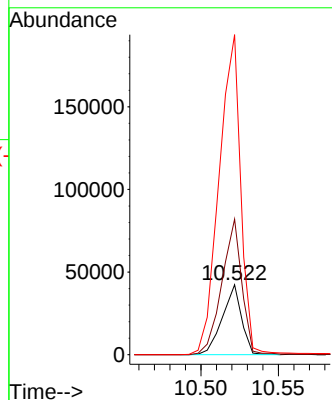
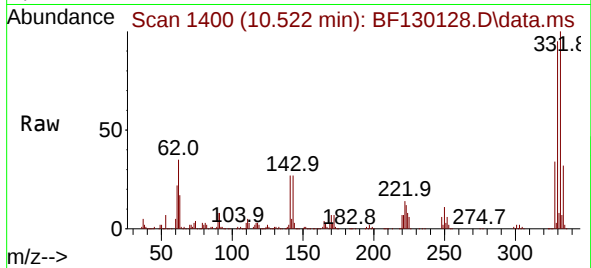




#67
4-Bromophenyl-phenylether
Concen: 4.474 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

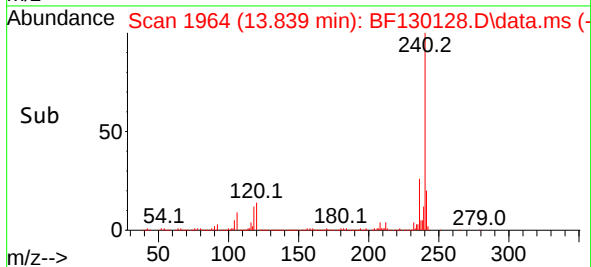
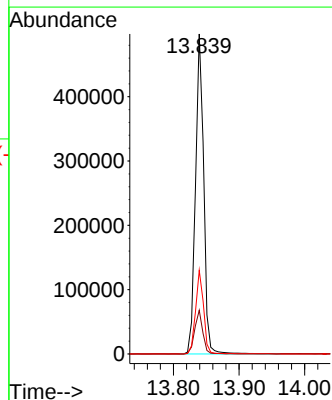
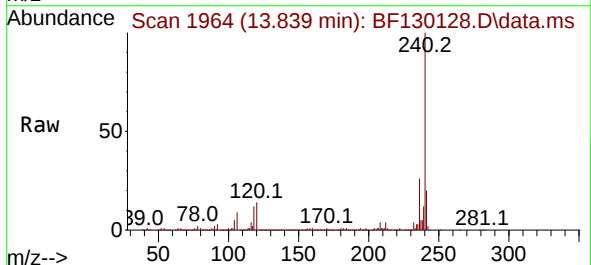
Instrument :
BNA_F
ClientSampleId :
MW-05

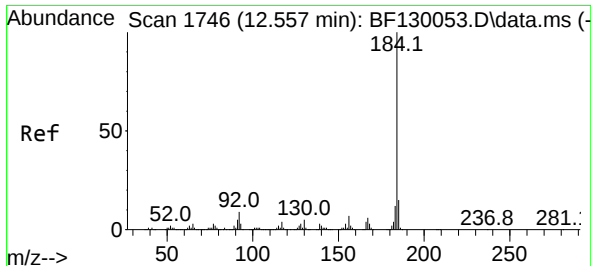
Tgt Ion:248 Resp: 36598
Ion Ratio Lower Upper
248 100
250 193.7 77.8 116.6#
141 457.3 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

Tgt Ion:240 Resp: 434376
Ion Ratio Lower Upper
240 100
120 13.6 9.2 13.8
236 26.2 20.7 31.1

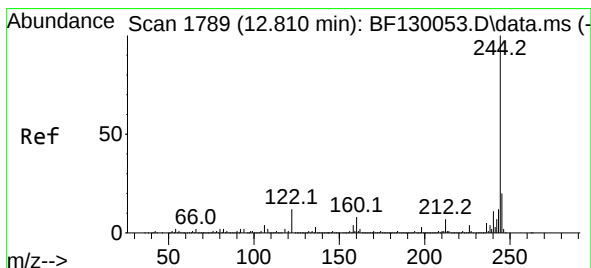
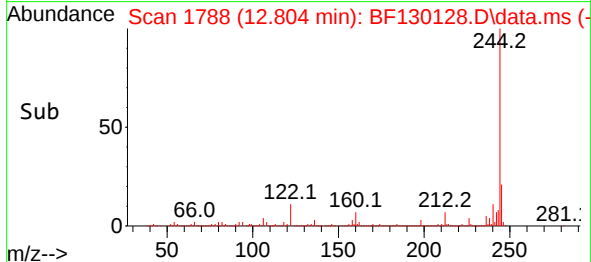
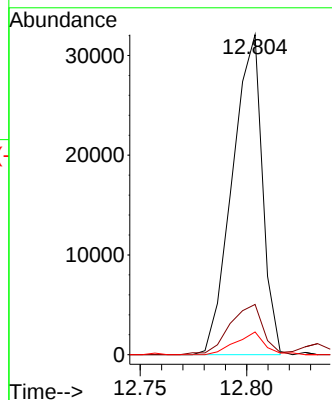
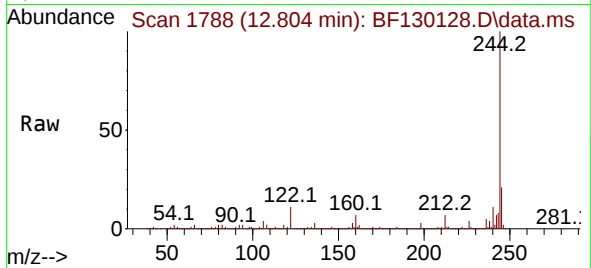




#77
Benzidine
Concen: 2.684 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

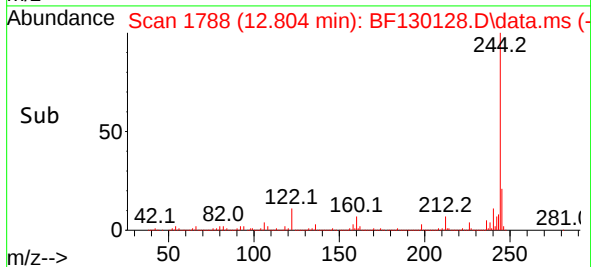
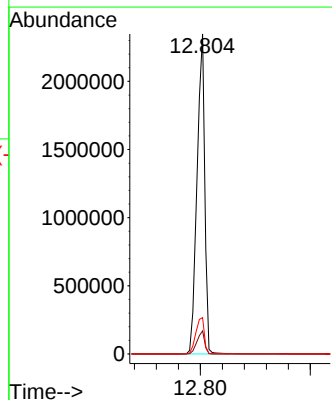
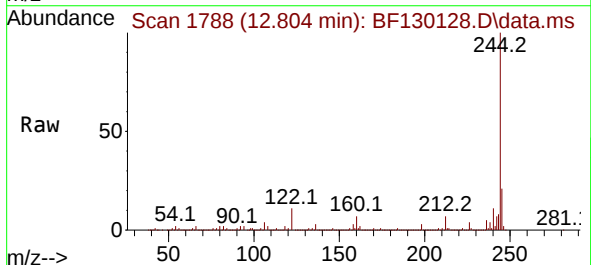
Instrument :
BNA_F
ClientSampleId :
MW-05

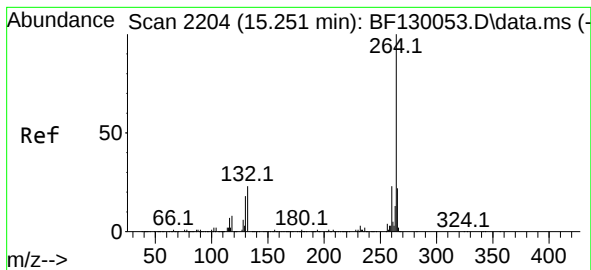
Tgt Ion:184 Resp: 31478
Ion Ratio Lower Upper
184 100
185 15.7 11.4 17.2
183 7.1 9.4 14.2#



#79
Terphenyl-d14
Concen: 91.302 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130128.D
Acq: 03 Sep 2022 00:11

Tgt Ion:244 Resp: 2286996
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 11.4 9.9 14.9





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.239 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF130128.D
 Acq: 03 Sep 2022 00:11

Instrument :
 BNA_F
 ClientSampleId :
 MW-05

Tgt Ion:264 Resp: 377280
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.1 28.7
 265 21.6 16.7 25.1

