

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130130.D
 Acq On : 03 Sep 2022 01:14
 Operator : CG\JU
 Sample : N4446-06
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Sep 03 05:55:39 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)

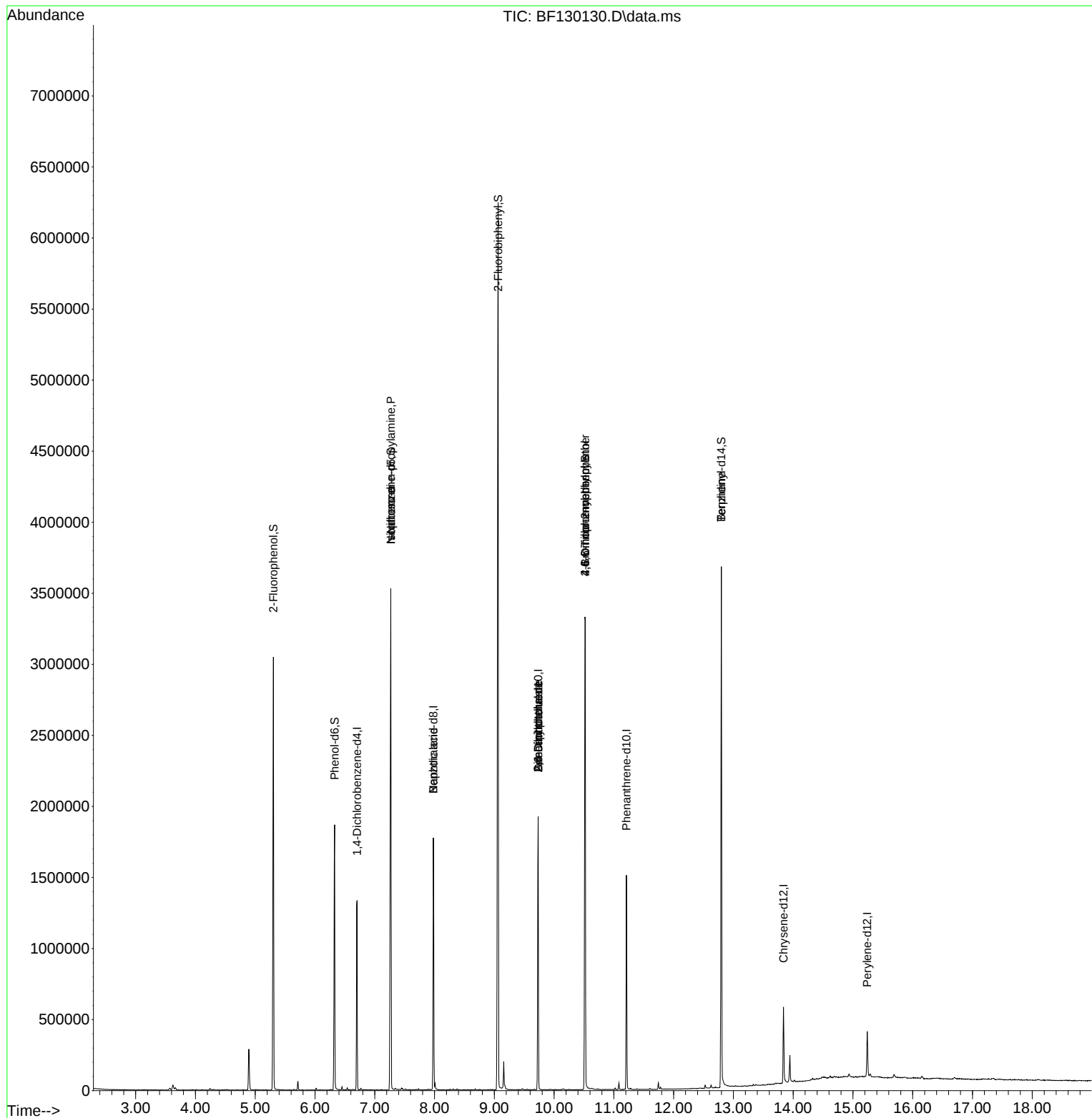
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	207845	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	778549	20.000	ng	-0.01
39) Acenaphthene-d10	9.733	164	382202	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	505290	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	176345	20.000	ng	-0.02
86) Perylene-d12	15.239	264	133206	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	853715	69.730	ng	0.00
7) Phenol-d6	6.328	99	644410	42.219	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1238378	102.223	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	449120	129.091	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2083845	90.395	ng	0.00
79) Terphenyl-d14	12.798	244	1228024	120.760	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.269	70	160247	17.427	ng	# 74
25) Isophorone	7.269	82	1233391	50.302	ng	# 65
32) Benzoic acid	7.981	122	169	6.590	ng	# 1
50) Dimethylphthalate	9.733	163	73612	2.828	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	49324	9.718	ng	# 23
57) 2,4-Dinitrotoluene	9.733	165	49324	8.441	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.522	198	932	6.422	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	26913	4.788	ng	# 1
77) Benzidine	12.798	184	16275	3.418	ng	# 95

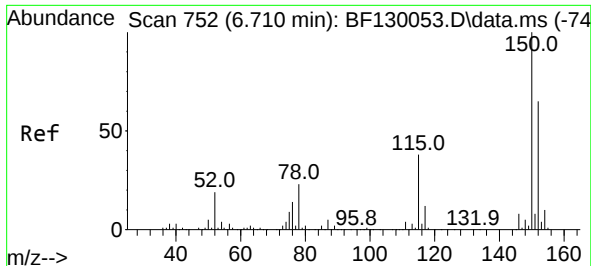
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 31 18:15:32 2022
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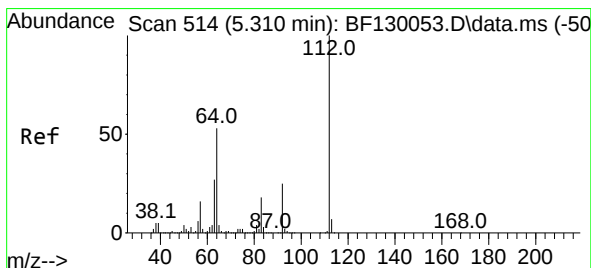
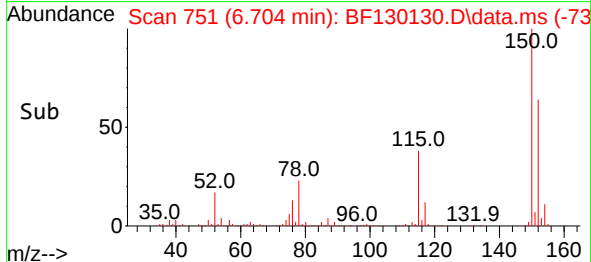
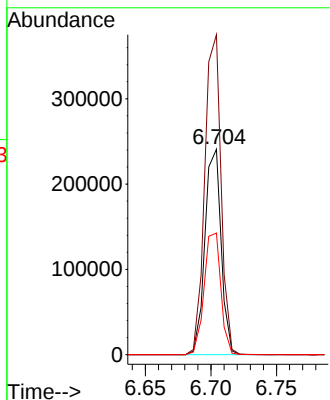
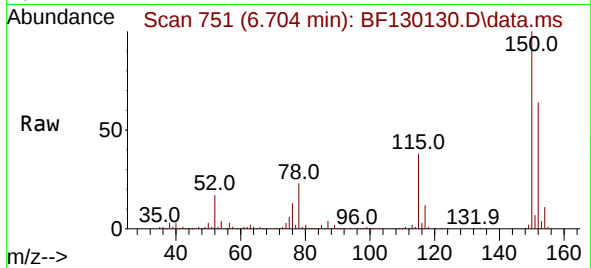




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

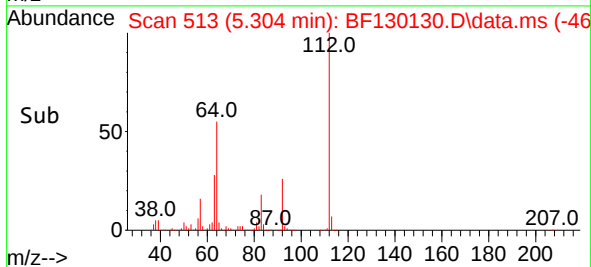
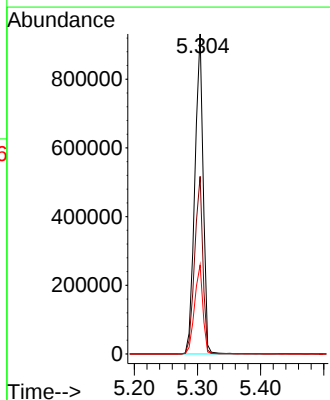
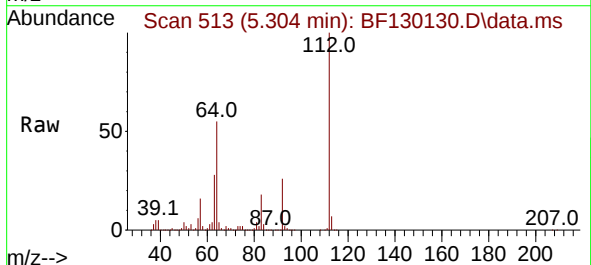
Instrument :
BNA_F
ClientSampleId :
MW-06

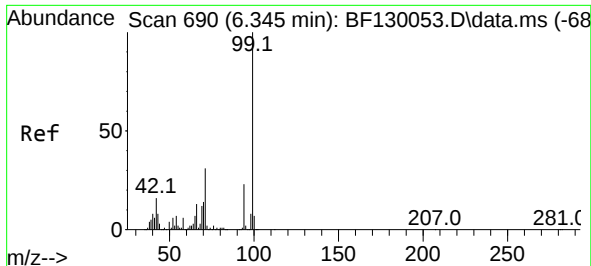
Tgt Ion:152 Resp: 207845
Ion Ratio Lower Upper
152 100
150 155.7 126.9 190.3
115 59.2 53.4 80.0



#5
2-Fluorophenol
Concen: 69.730 ng
RT: 5.304 min Scan# 513
Delta R.T. -0.006 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

Tgt Ion:112 Resp: 853715
Ion Ratio Lower Upper
112 100
64 55.5 47.6 71.4
63 27.8 24.6 37.0

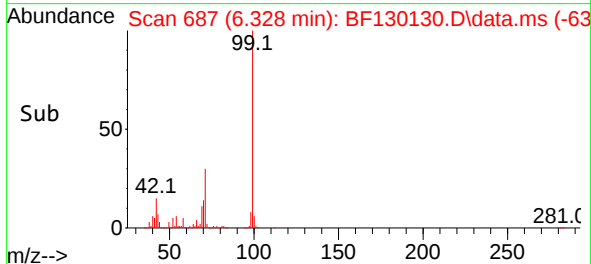
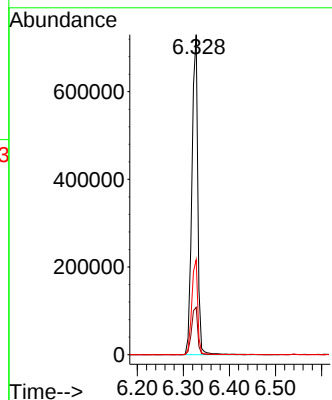
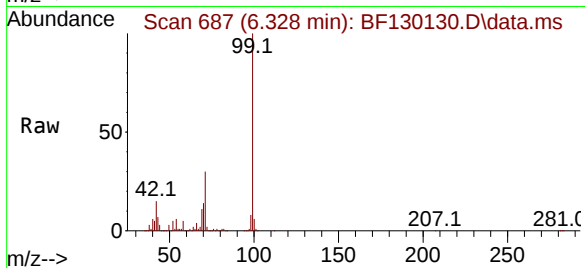




#7
Phenol-d6
Concen: 42.219 ng
RT: 6.328 min Scan# 61
Delta R.T. -0.018 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

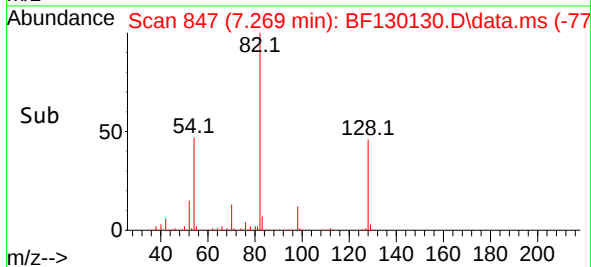
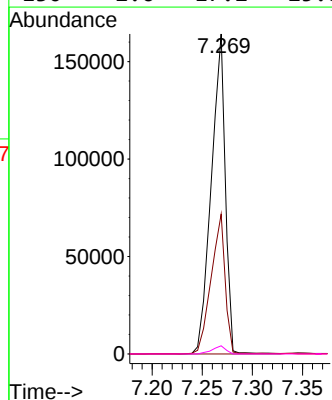
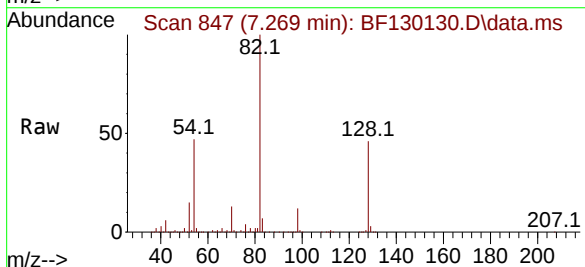
Instrument :
BNA_F
ClientSampleId :
MW-06

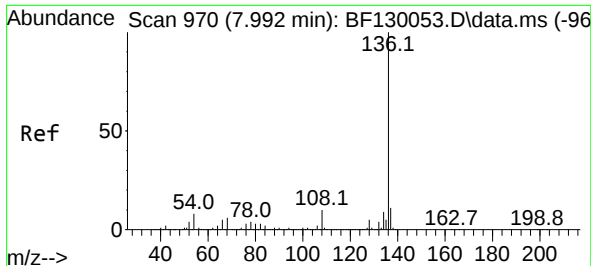
Tgt Ion: 99 Resp: 644410
Ion Ratio Lower Upper
99 100
42 14.8 15.0 22.4#
71 29.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.427 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

Tgt Ion: 70 Resp: 160247
Ion Ratio Lower Upper
70 100
42 43.7 47.6 71.4#
101 0.0 8.1 12.1#
130 2.6 17.2 25.8#

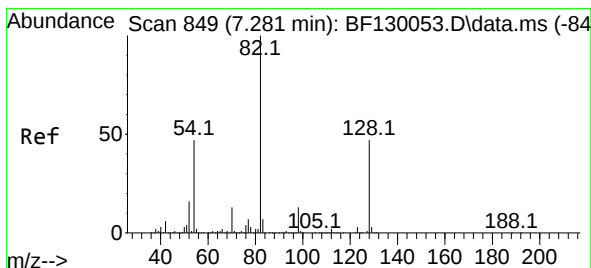
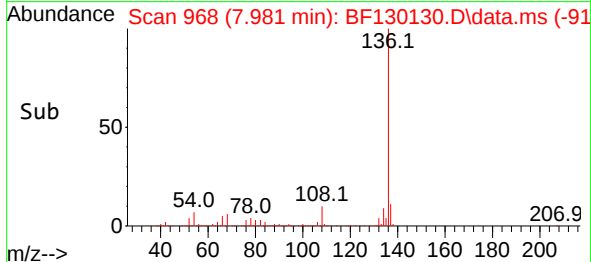
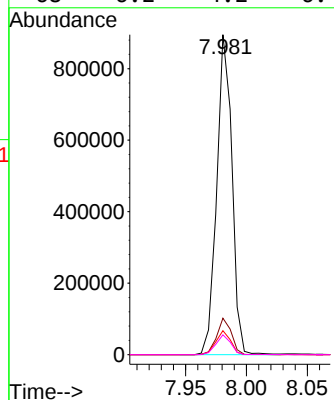
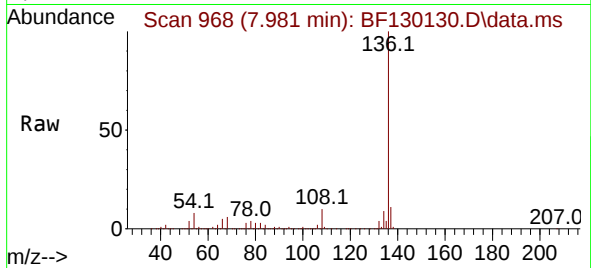




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

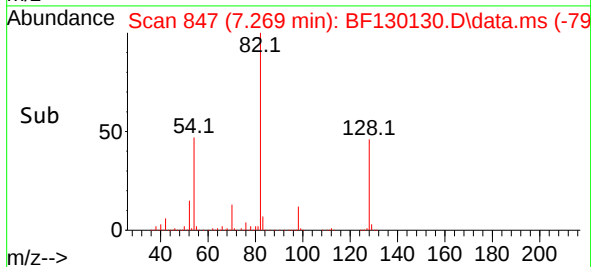
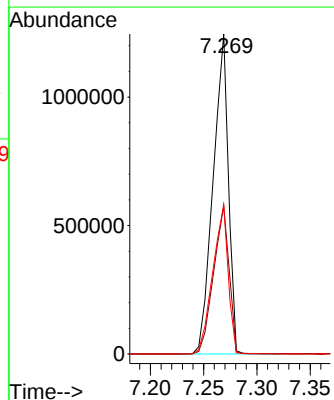
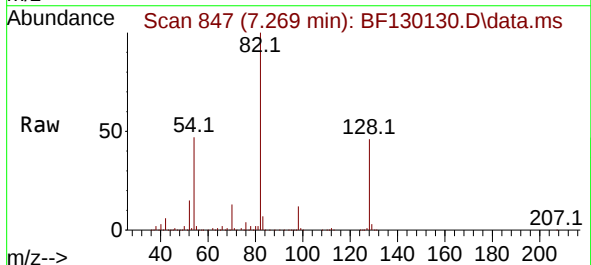
Instrument :
BNA_F
ClientSampleId :
MW-06

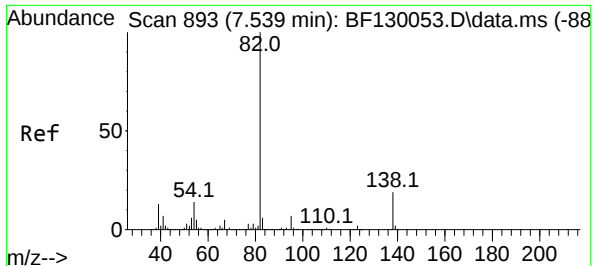
Tgt Ion:136 Resp: 778549
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 7.5 6.2 9.2
68 6.2 4.2 6.4



#23
Nitrobenzene-d5
Concen: 102.223 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

Tgt Ion: 82 Resp: 1238378
Ion Ratio Lower Upper
82 100
128 46.3 36.1 54.1
54 46.7 40.0 60.0

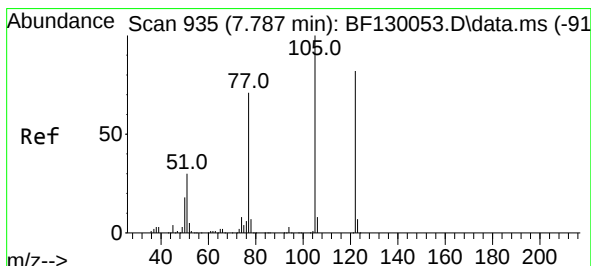
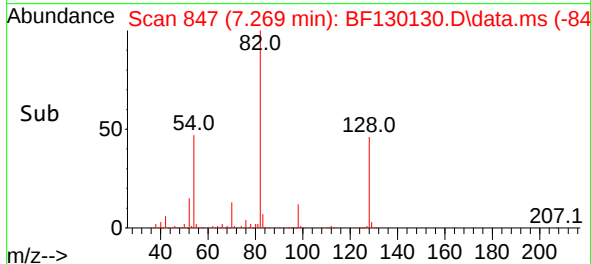
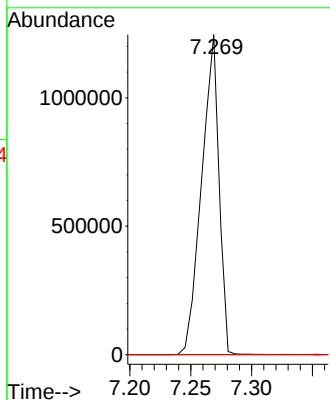
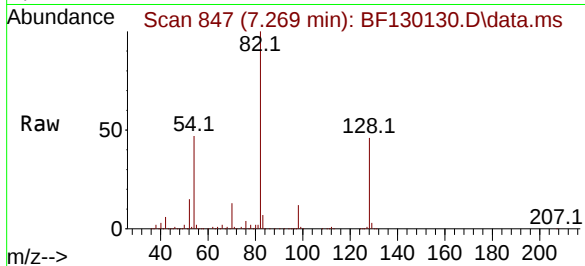




#25
Isophorone
Concen: 50.302 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.271 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

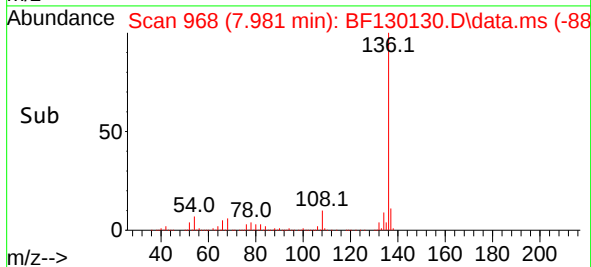
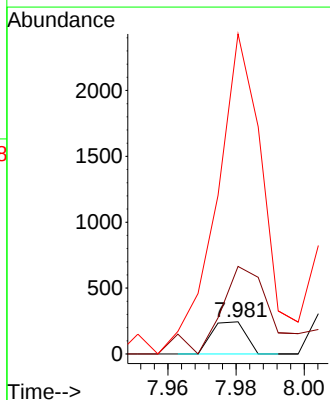
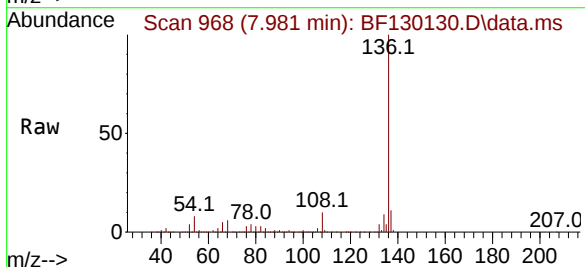
Instrument :
BNA_F
ClientSampleId :
MW-06

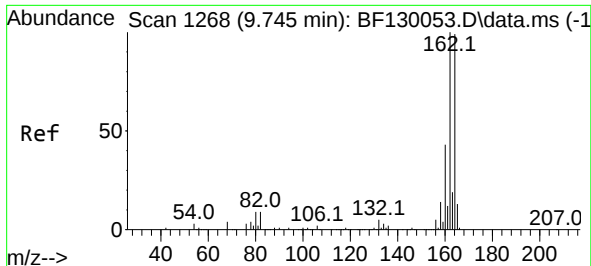
Tgt Ion: 82 Resp: 1233391
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.590 ng
RT: 7.981 min Scan# 968
Delta R.T. 0.194 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

Tgt Ion:122 Resp: 169
Ion Ratio Lower Upper
122 100
105 272.1 99.9 139.9#
77 995.5 65.9 105.9#

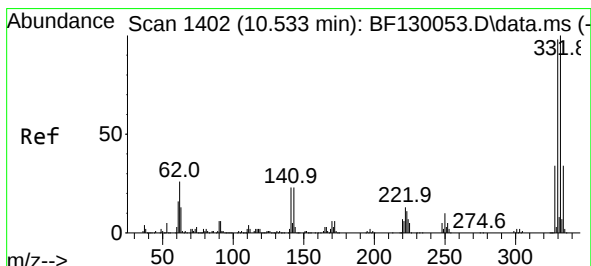
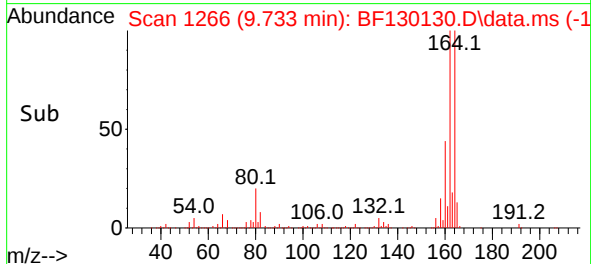
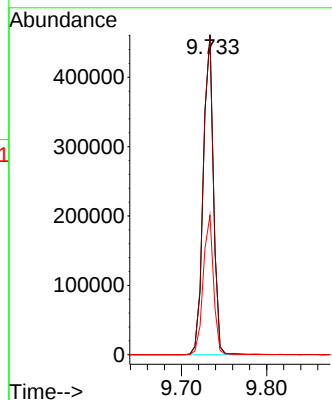
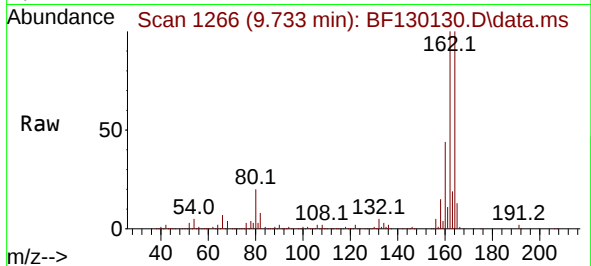




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

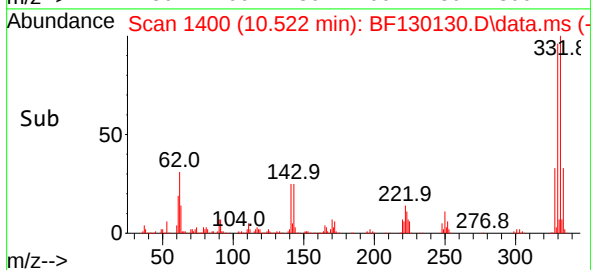
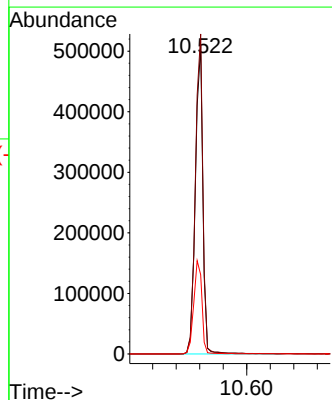
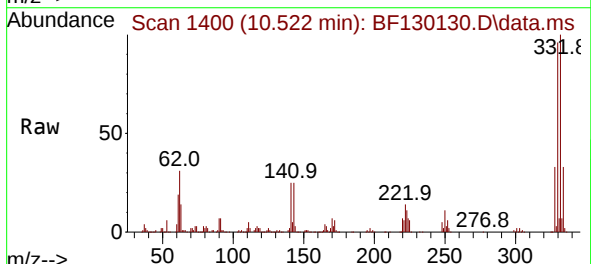
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ClientSampleId :
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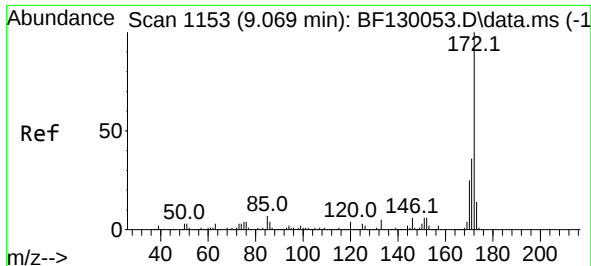
Tgt Ion:164 Resp: 382202
Ion Ratio Lower Upper
164 100
162 99.6 82.0 123.0
160 43.6 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 129.091 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

Tgt Ion:330 Resp: 449120
Ion Ratio Lower Upper
330 100
332 103.7 82.6 124.0
141 33.1 27.6 41.4

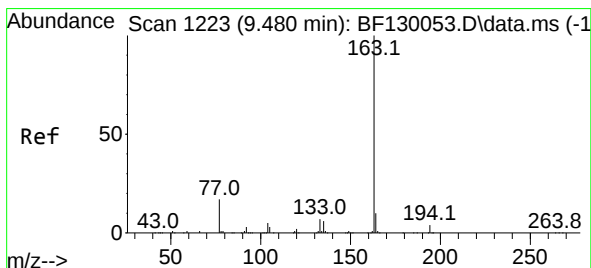
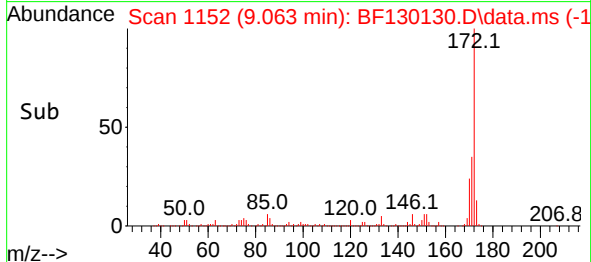
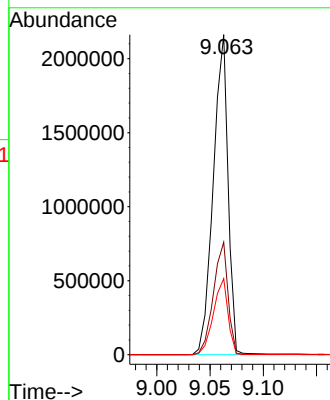
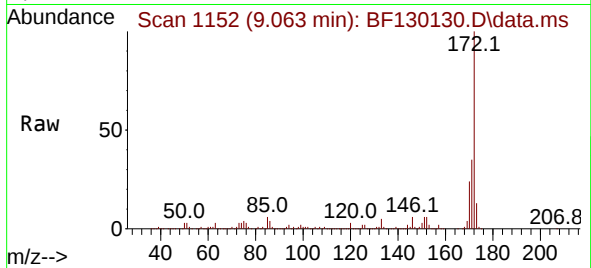




#45
2-Fluorobiphenyl
Concen: 90.395 ng
RT: 9.063 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

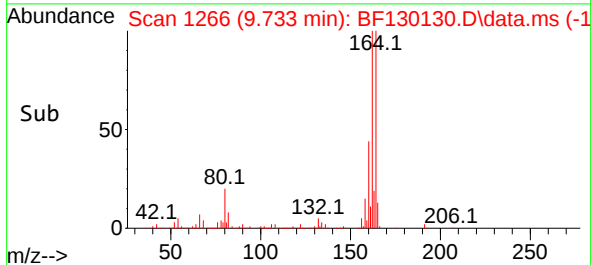
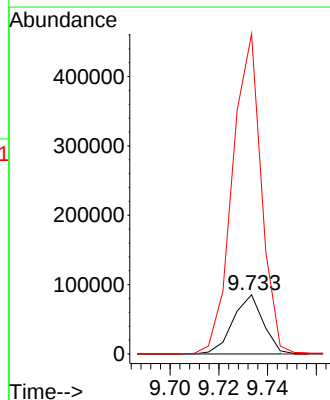
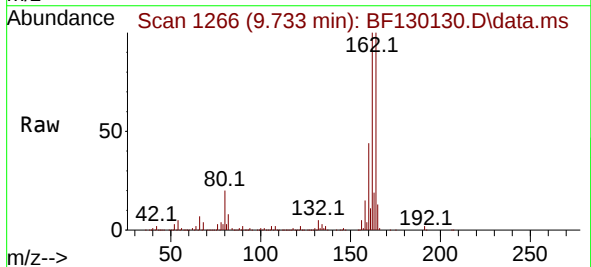
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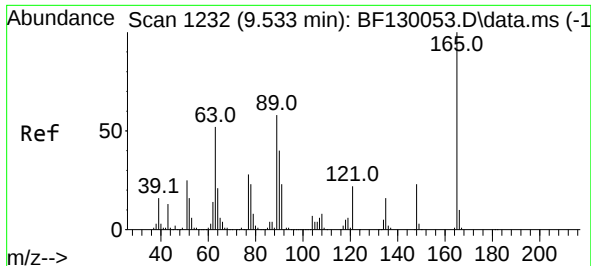
Tgt Ion:172 Resp: 2083845
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.7 19.1 28.7



#50
Dimethylphthalate
Concen: 2.828 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.253 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

Tgt Ion:163 Resp: 73612
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 539.9 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.718 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130130.D

Acq: 03 Sep 2022 01:14

Instrument :

BNA_F

ClientSampleId :

MW-06

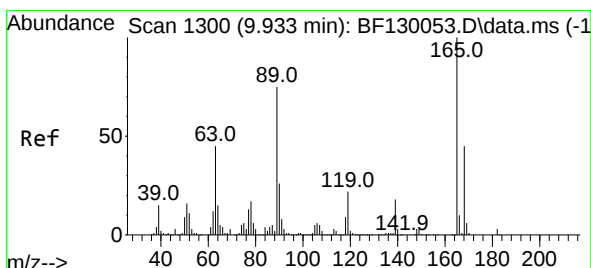
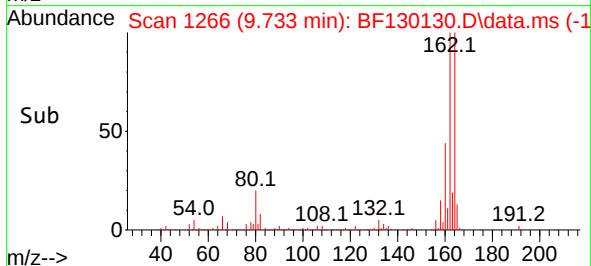
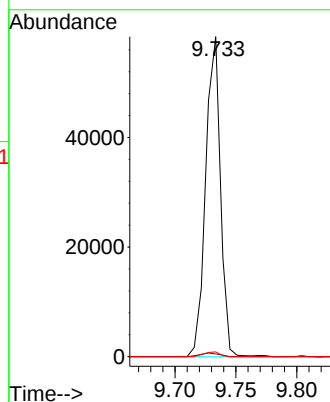
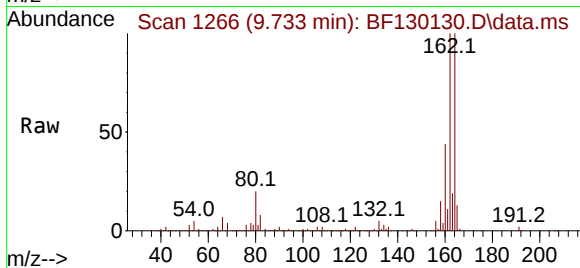
Tgt Ion:165 Resp: 49324

Ion Ratio Lower Upper

165 100

63 0.8 47.8 71.8#

89 1.5 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.441 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130130.D

Acq: 03 Sep 2022 01:14

Tgt Ion:165 Resp: 49324

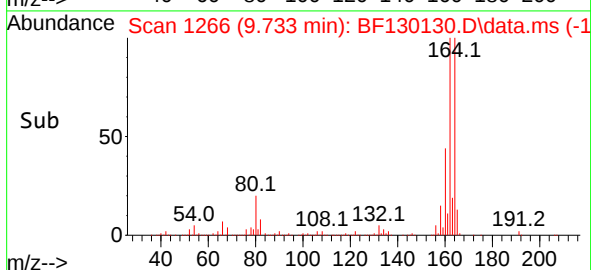
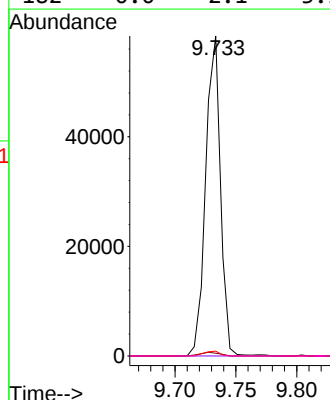
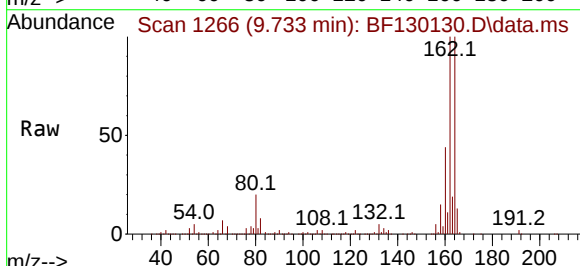
Ion Ratio Lower Upper

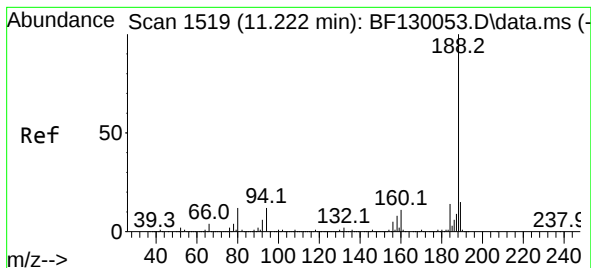
165 100

63 0.8 48.4 72.6#

89 1.5 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: BF130130.D

Acq: 03 Sep 2022 01:14

Instrument :

BNA_F

ClientSampleId :

MW-06

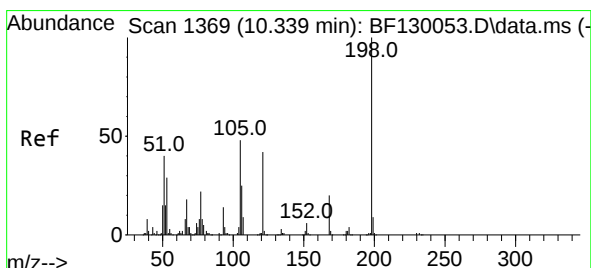
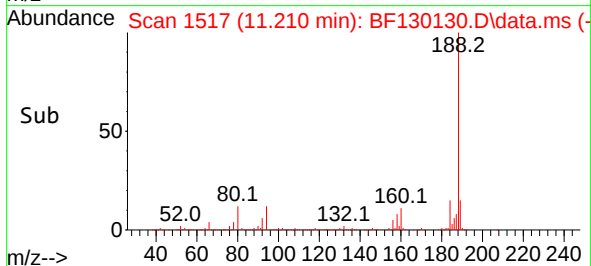
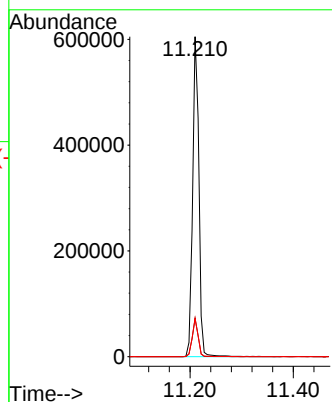
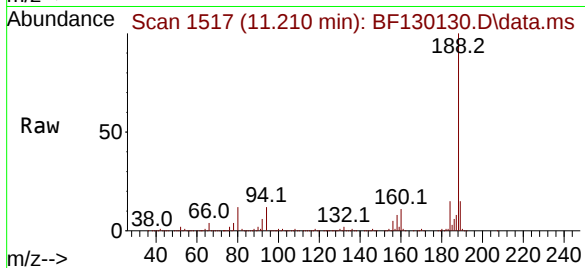
Tgt Ion:188 Resp: 505290

Ion Ratio Lower Upper

188 100

94 12.0 7.4 11.2#

80 11.9 7.9 11.9#



#65

4,6-Dinitro-2-methylphenol

Concen: 6.422 ng

RT: 10.522 min Scan# 1400

Delta R.T. 0.183 min

Lab File: BF130130.D

Acq: 03 Sep 2022 01:14

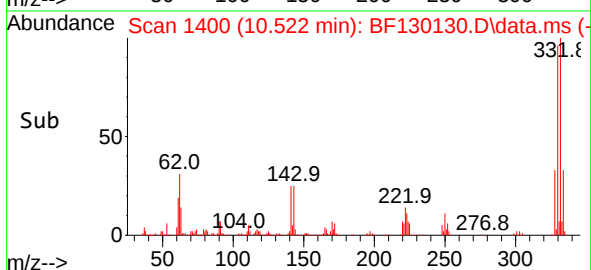
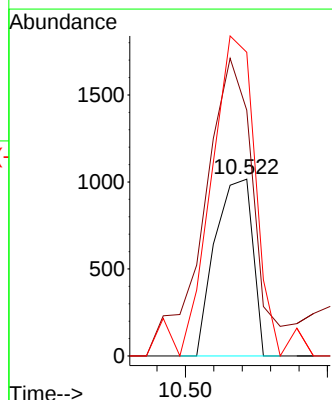
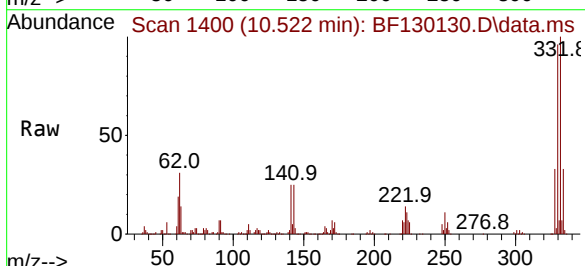
Tgt Ion:198 Resp: 932

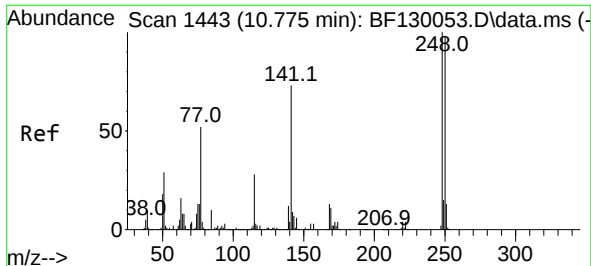
Ion Ratio Lower Upper

198 100

51 139.0 29.4 69.4#

105 171.8 29.2 69.2#





#67

4-Bromophenyl-phenylether

Concen: 4.788 ng

RT: 10.522 min Scan# 14

Delta R.T. -0.253 min

Lab File: BF130130.D

Acq: 03 Sep 2022 01:14

Instrument :

BNA_F

ClientSampleId :

MW-06

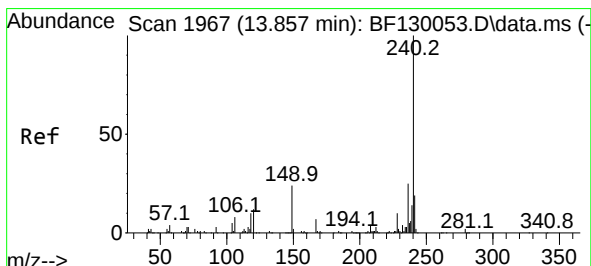
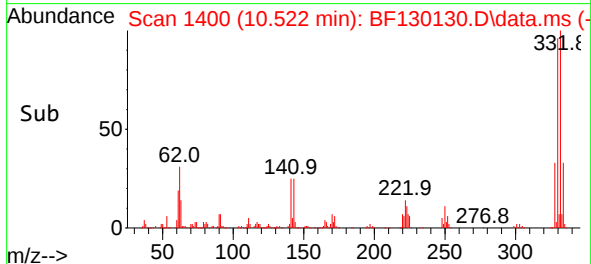
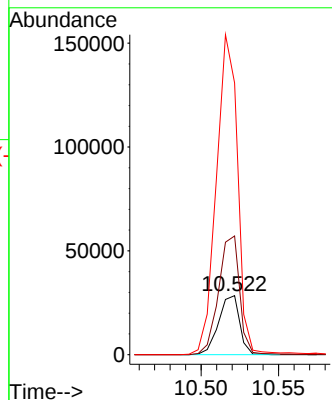
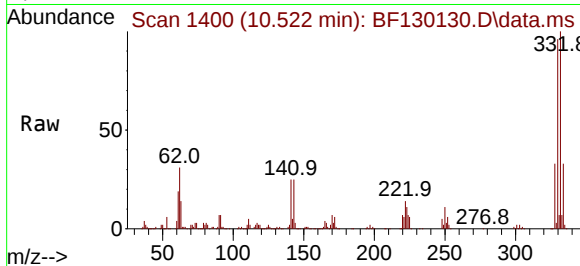
Tgt Ion:248 Resp: 26913

Ion Ratio Lower Upper

248 100

250 200.9 77.8 116.6#

141 459.9 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: BF130130.D

Acq: 03 Sep 2022 01:14

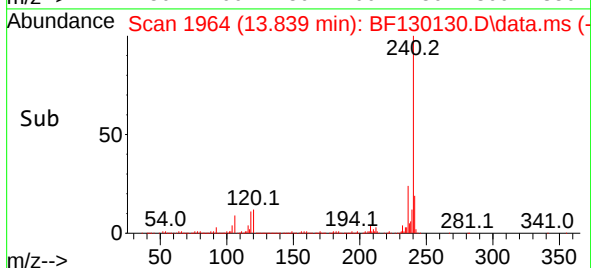
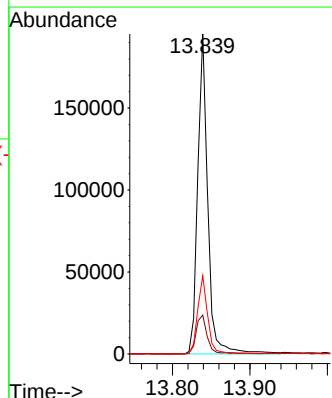
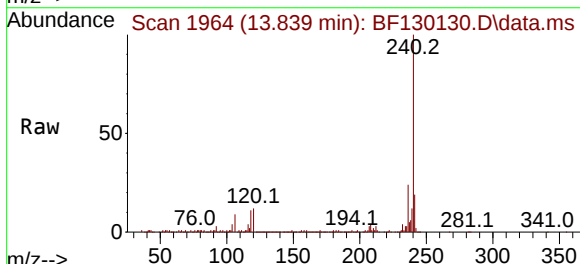
Tgt Ion:240 Resp: 176345

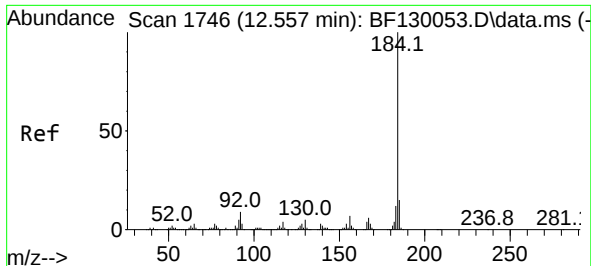
Ion Ratio Lower Upper

240 100

120 12.2 9.2 13.8

236 24.5 20.7 31.1

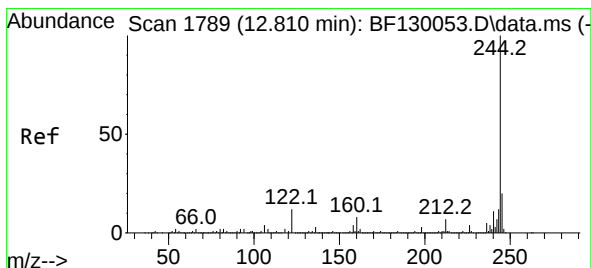
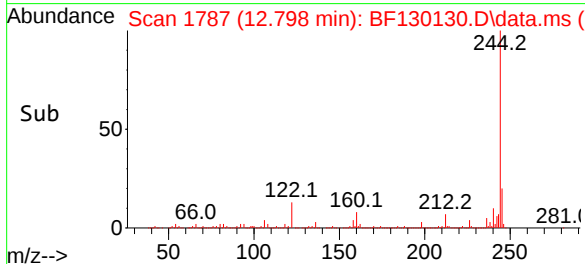
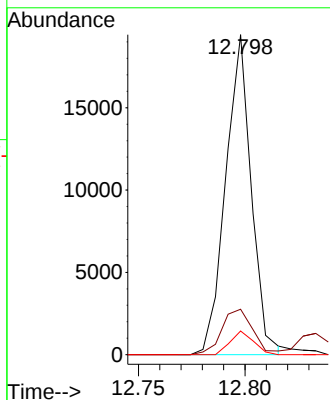
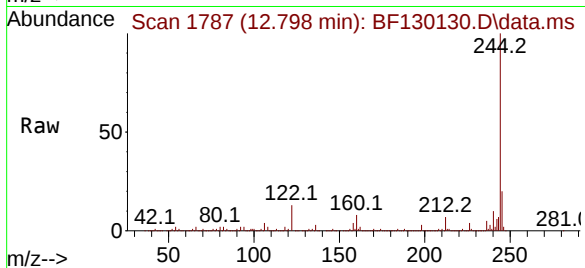




#77
Benzidine
Concen: 3.418 ng
RT: 12.798 min Scan# 1787
Delta R.T. 0.241 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

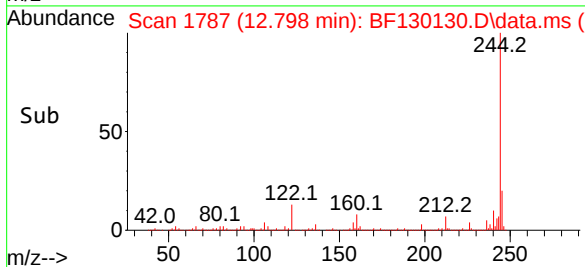
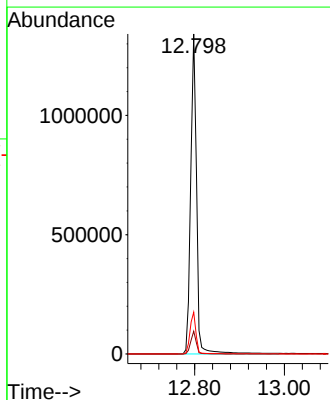
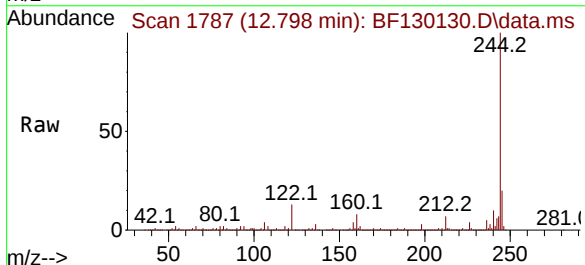
Instrument :
BNA_F
ClientSampleId :
MW-06

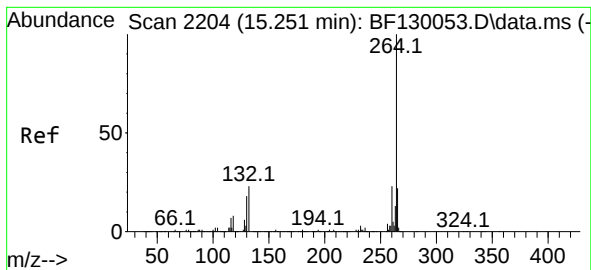
Tgt Ion:184 Resp: 16275
Ion Ratio Lower Upper
184 100
185 14.2 11.4 17.2
183 7.4 9.4 14.2#



#79
Terphenyl-d14
Concen: 120.760 ng
RT: 12.798 min Scan# 1787
Delta R.T. -0.012 min
Lab File: BF130130.D
Acq: 03 Sep 2022 01:14

Tgt Ion:244 Resp: 1228024
Ion Ratio Lower Upper
244 100
212 7.1 5.9 8.9
122 13.1 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: BF130130.D
Acq: 03 Sep 2022 01:14

Instrument :
BNA_F
ClientSampleId :
MW-06

Tgt Ion:264 Resp: 133206
Ion Ratio Lower Upper
264 100
260 23.9 19.1 28.7
265 22.1 16.7 25.1

