

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130102.D
 Acq On : 02 Sep 2022 10:19
 Operator : CG\JU
 Sample : PB147372BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB147372BL

Quant Time: Sep 03 05:39:23 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)

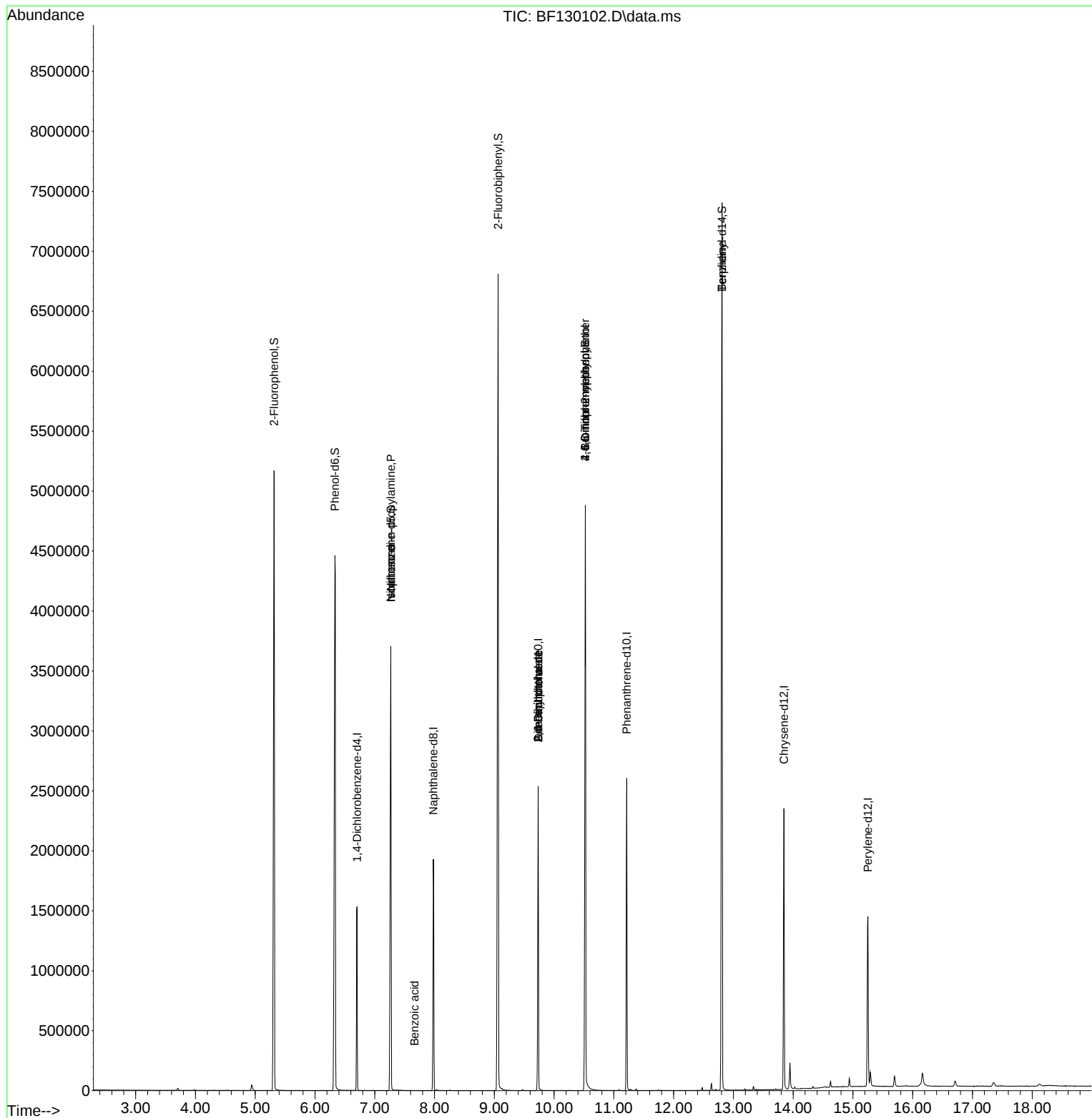
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	239199	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	955231	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	514135	20.000	ng	-0.01
64) Phenanthrene-d10	11.216	188	905577	20.000	ng	0.00
76) Chrysene-d12	13.845	240	718789	20.000	ng	#-0.01
86) Perylene-d12	15.251	264	625656	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.316	112	1877640	133.261	ng	0.00
7) Phenol-d6	6.334	99	2339312	133.172	ng	-0.01
23) Nitrobenzene-d5	7.269	82	1409347	94.818	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	713938	152.549	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2603528	83.957	ng	0.00
79) Terphenyl-d14	12.810	244	3017049	72.788	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.269	70	180204	17.028	ng	# 73
25) Isophorone	7.269	82	1402687	46.625	ng	# 65
32) Benzoic acid	7.663	122	201	6.589	ng	# 35
50) Dimethylphthalate	9.733	163	95839	2.737	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	65484	9.591	ng	# 22
57) 2,4-Dinitrotoluene	9.733	165	65484	8.331	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.522	198	1539	6.396	ng	# 1
67) 4-Bromophenyl-phenylether	10.522	248	41129	4.083	ng	# 1
77) Benzidine	12.810	184	40425	2.083	ng	# 92

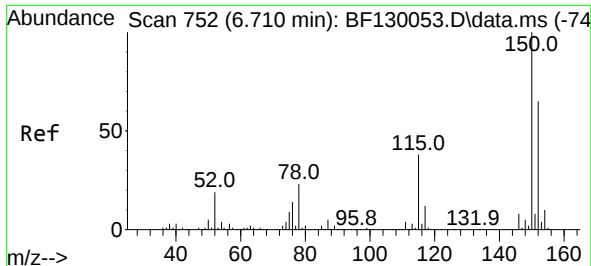
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 03 05:39:23 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

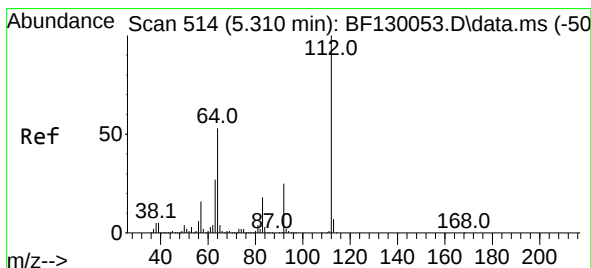
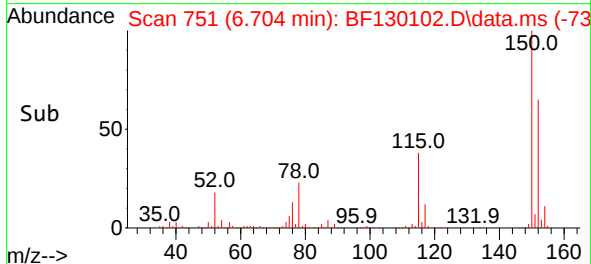
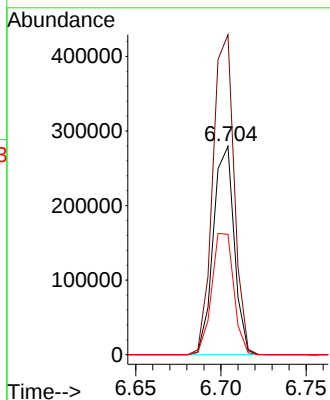
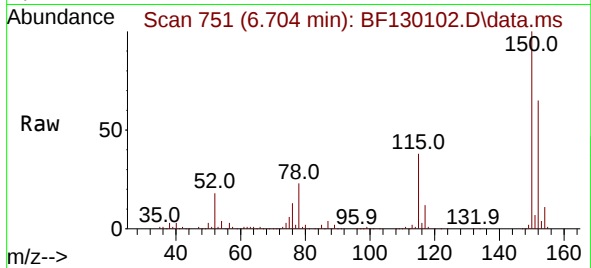




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.704 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

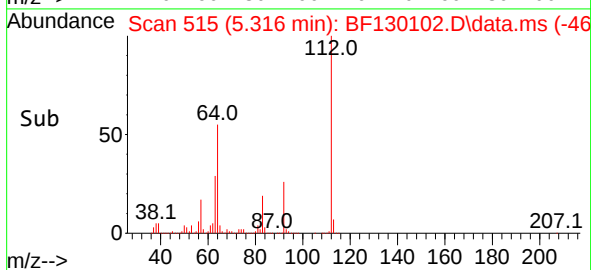
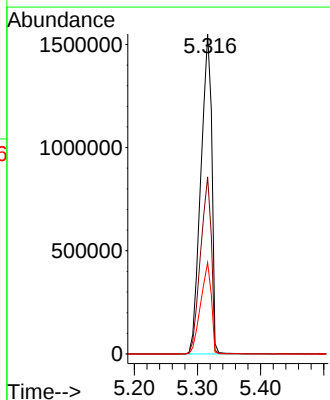
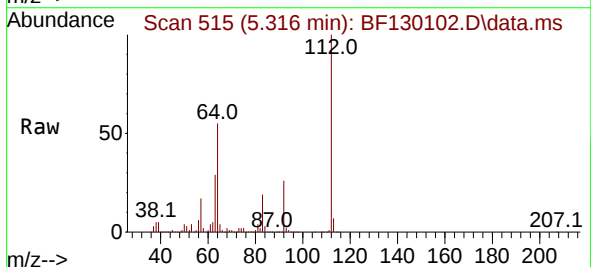
Instrument :
BNA_F
ClientSampleId :
PB147372BL

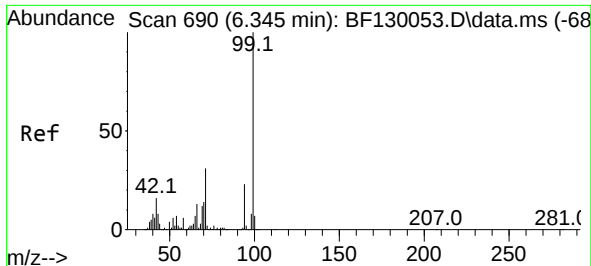
Tgt Ion:152 Resp: 239199
Ion Ratio Lower Upper
152 100
150 153.6 126.9 190.3
115 57.7 53.4 80.0



#5
2-Fluorophenol
Concen: 133.261 ng
RT: 5.316 min Scan# 515
Delta R.T. 0.006 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

Tgt Ion:112 Resp: 1877640
Ion Ratio Lower Upper
112 100
64 55.4 47.6 71.4
63 28.6 24.6 37.0

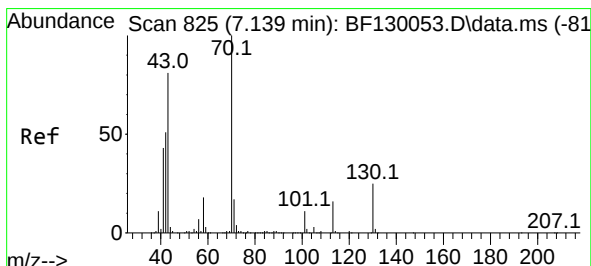
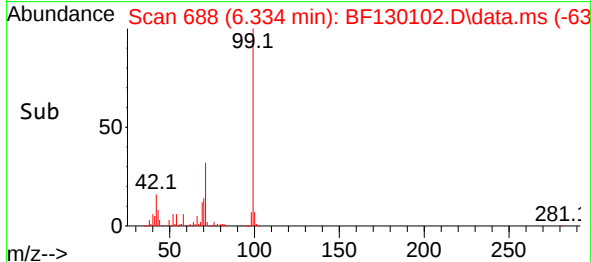
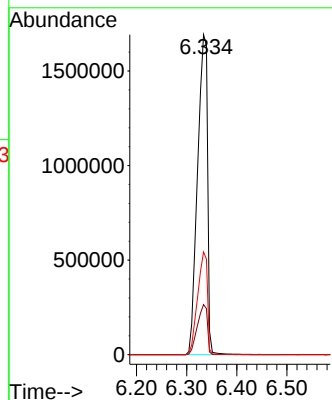
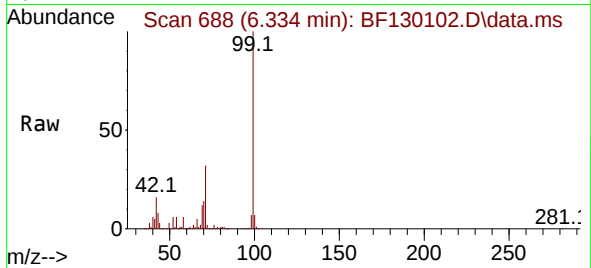




#7
Phenol-d6
Concen: 133.172 ng
RT: 6.334 min Scan# 61
Delta R.T. -0.012 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

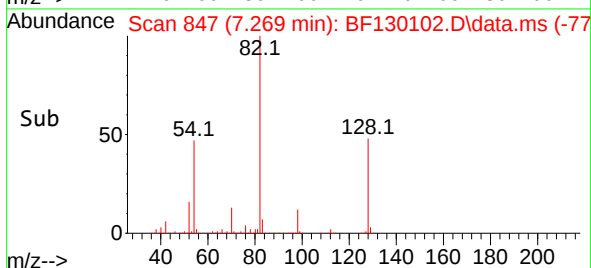
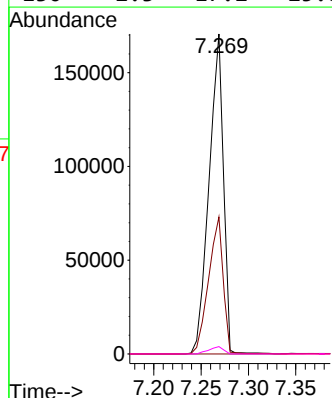
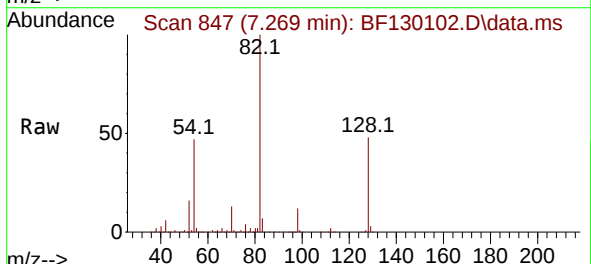
Instrument :
BNA_F
ClientSampleId :
PB147372BL

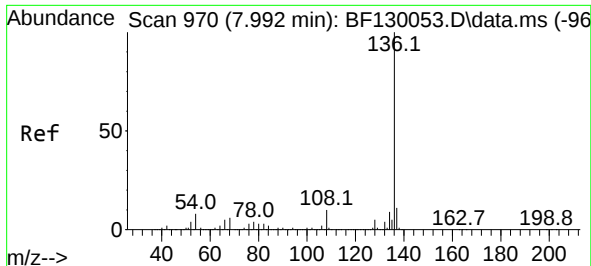
Tgt Ion: 99 Resp: 2339312
Ion Ratio Lower Upper
99 100
42 15.6 15.0 22.4
71 32.1 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.028 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

Tgt Ion: 70 Resp: 180204
Ion Ratio Lower Upper
70 100
42 42.8 47.6 71.4#
101 0.0 8.1 12.1#
130 2.3 17.2 25.8#

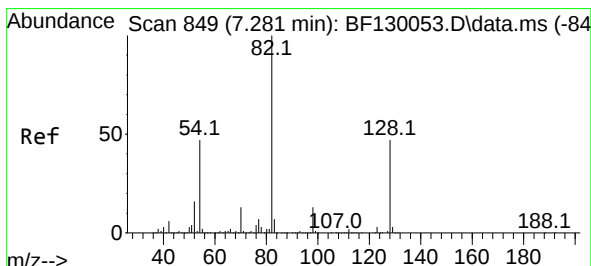
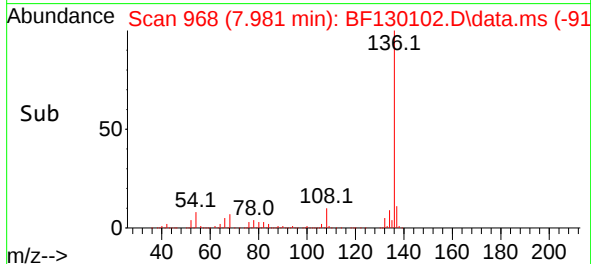
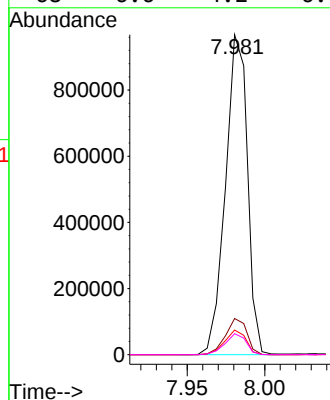
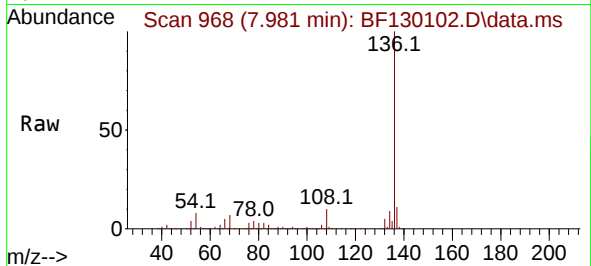




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 90
Delta R.T. -0.011 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

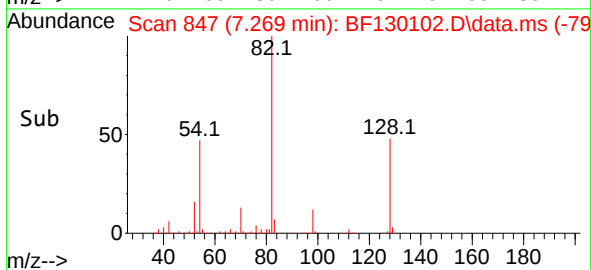
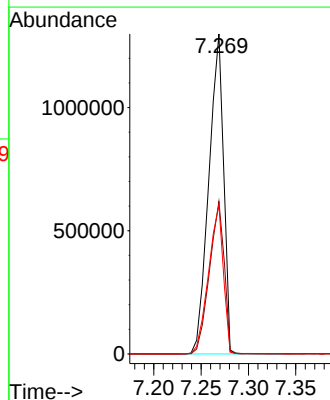
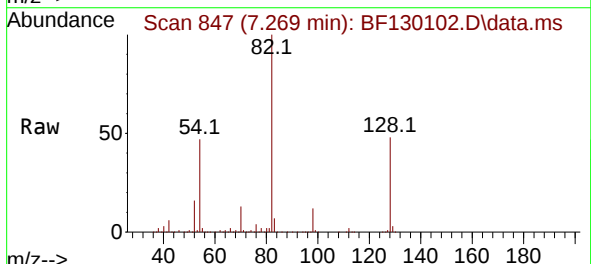
Instrument :
BNA_F
ClientSampleId :
PB147372BL

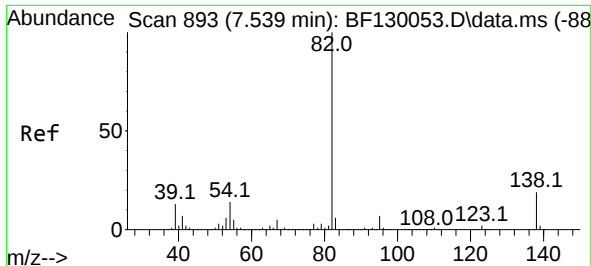
Tgt Ion:136 Resp: 955231
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 7.7 6.2 9.2
68 6.6 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 94.818 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

Tgt Ion: 82 Resp: 1409347
Ion Ratio Lower Upper
82 100
128 47.7 36.1 54.1
54 46.6 40.0 60.0

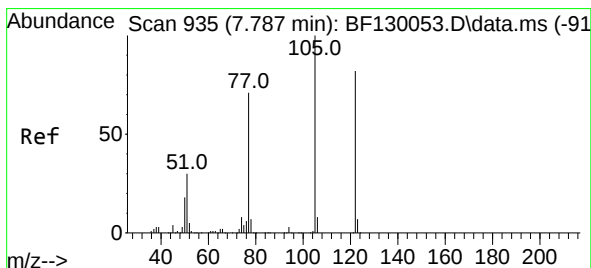
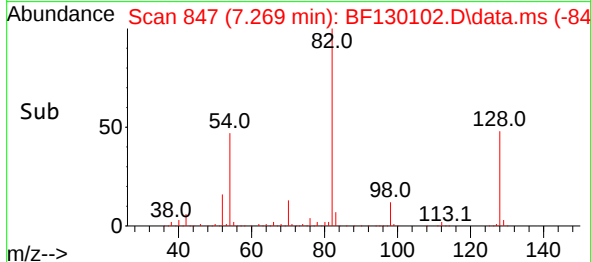
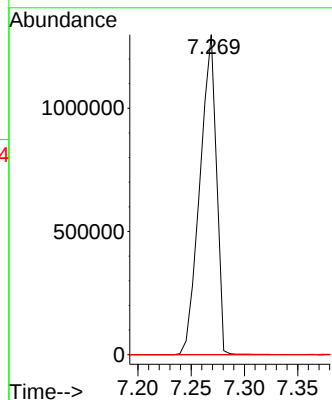
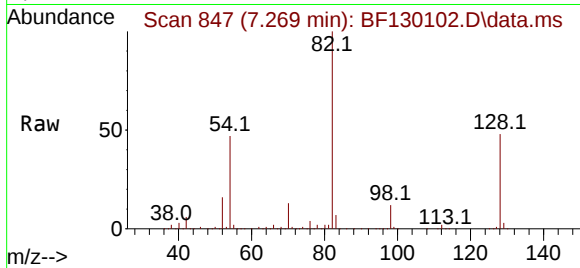




#25
Isophorone
Concen: 46.625 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

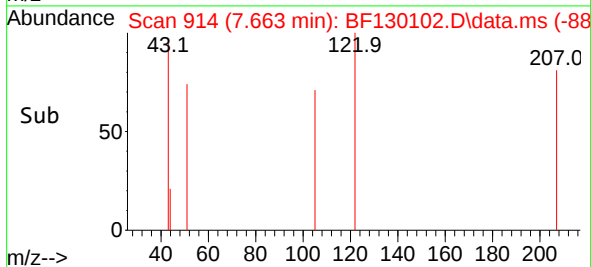
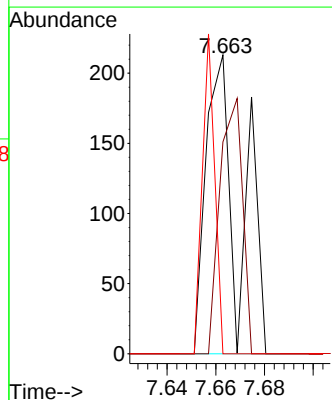
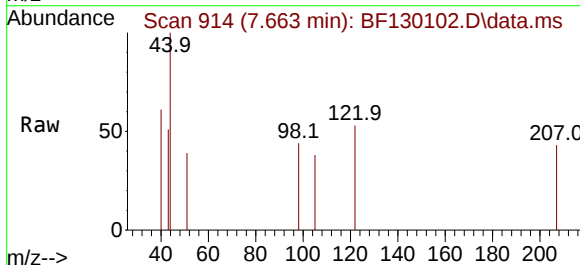
Instrument :
BNA_F
ClientSampleId :
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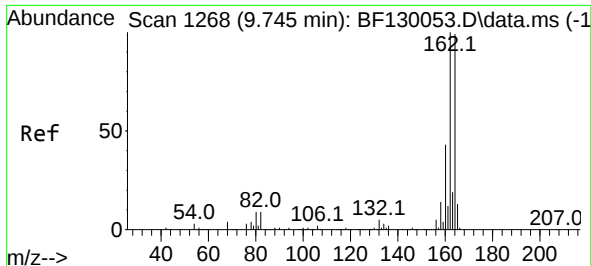
Tgt Ion: 82 Resp: 1402687
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.589 ng
RT: 7.663 min Scan# 914
Delta R.T. -0.124 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

Tgt Ion:122 Resp: 201
Ion Ratio Lower Upper
122 100
105 70.9 99.9 139.9#
77 0.0 65.9 105.9#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.733 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF130102.D

Acq: 02 Sep 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB147372BL

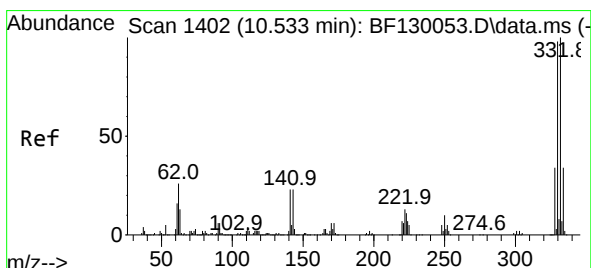
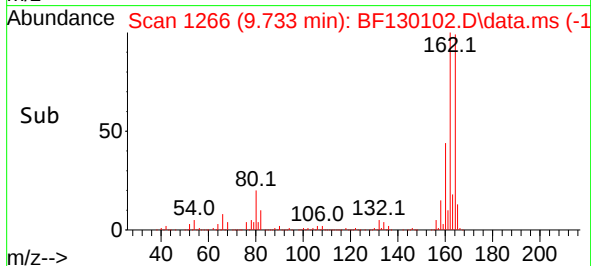
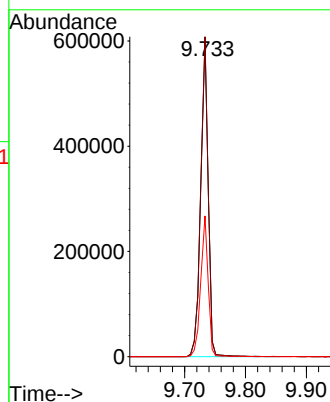
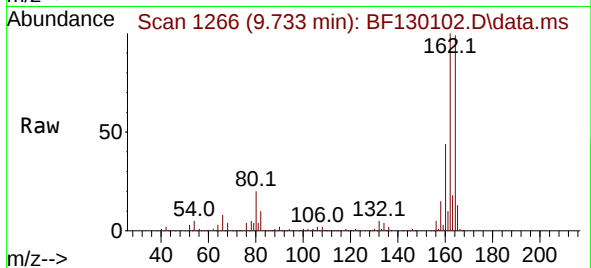
Tgt Ion:164 Resp: 514135

Ion Ratio Lower Upper

164 100

162 101.2 82.0 123.0

160 44.5 35.4 53.0



#42

2,4,6-Tribromophenol

Concen: 152.549 ng

RT: 10.522 min Scan# 1400

Delta R.T. -0.012 min

Lab File: BF130102.D

Acq: 02 Sep 2022 10:19

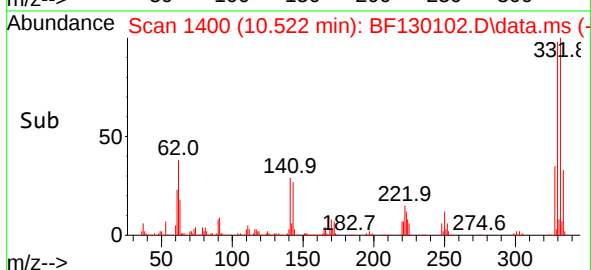
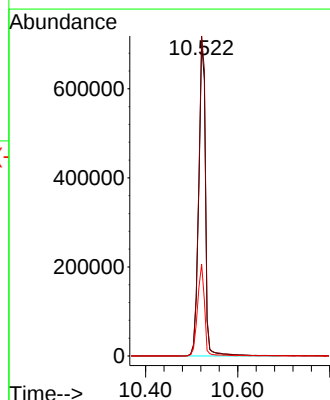
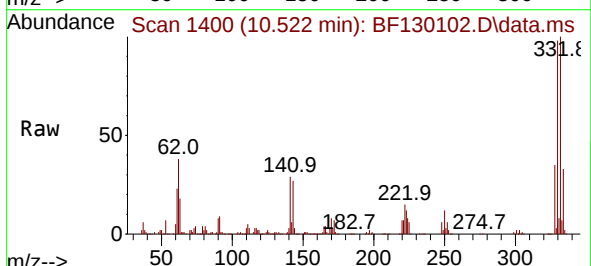
Tgt Ion:330 Resp: 713938

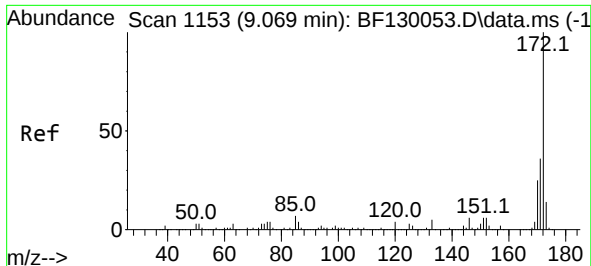
Ion Ratio Lower Upper

330 100

332 102.9 82.6 124.0

141 30.2 27.6 41.4

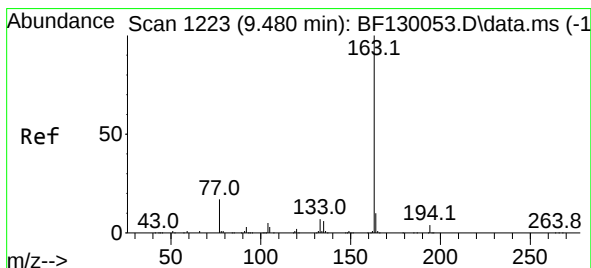
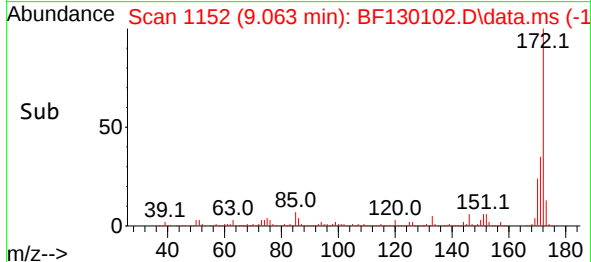
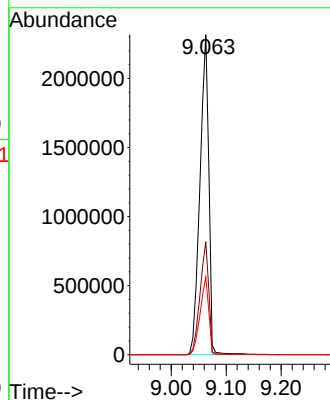
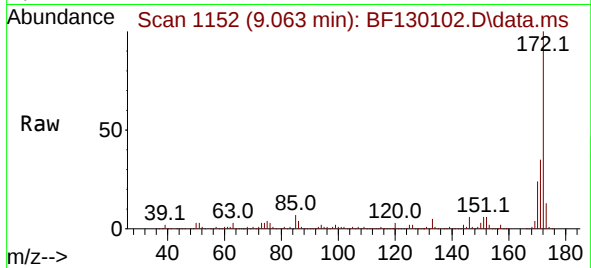




#45
2-Fluorobiphenyl
Concen: 83.957 ng
RT: 9.063 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

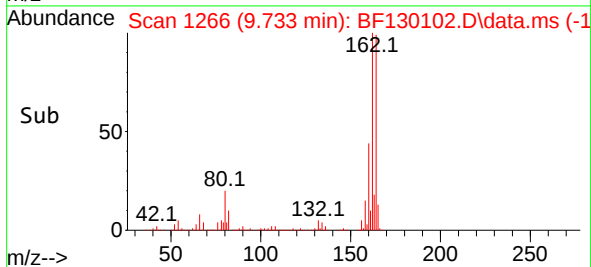
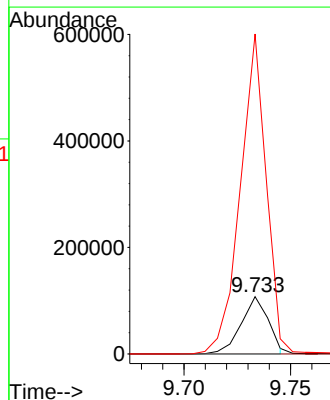
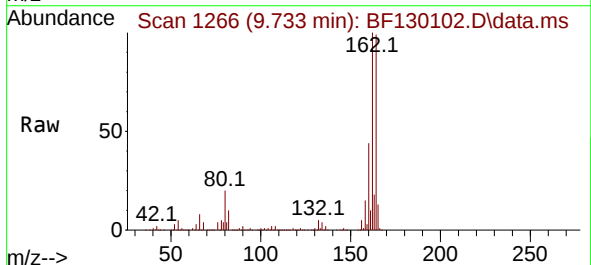
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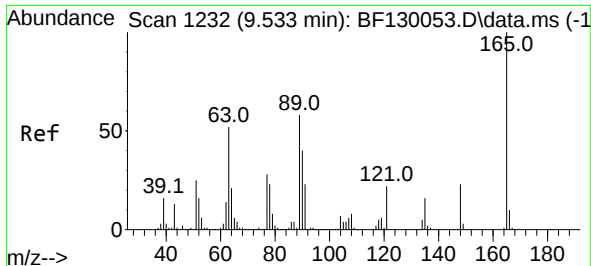
Tgt Ion:172 Resp: 2603528
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 24.2 19.1 28.7



#50
Dimethylphthalate
Concen: 2.737 ng
RT: 9.733 min Scan# 1266
Delta R.T. 0.253 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

Tgt Ion:163 Resp: 95839
Ion Ratio Lower Upper
163 100
194 0.0 3.3 4.9#
164 558.4 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 9.591 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130102.D

Acq: 02 Sep 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB147372BL

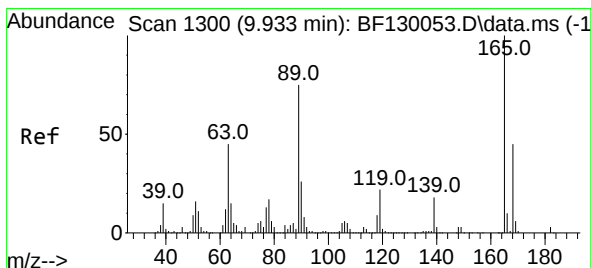
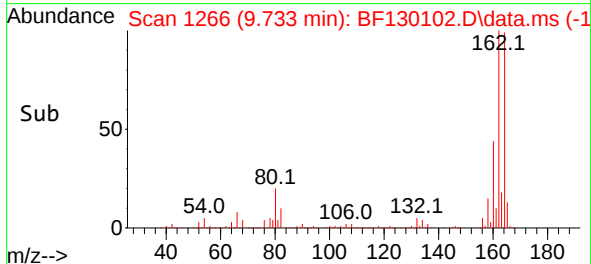
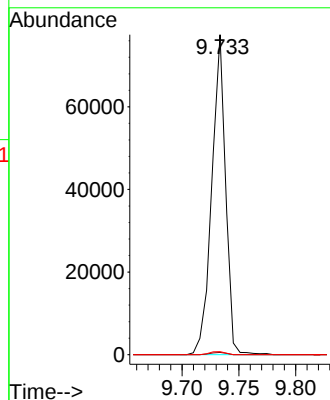
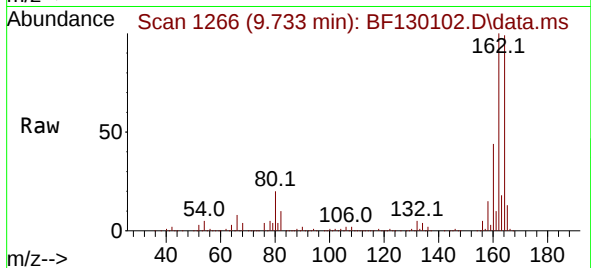
Tgt Ion:165 Resp: 65484

Ion Ratio Lower Upper

165 100

63 0.7 47.8 71.8#

89 1.0 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.331 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130102.D

Acq: 02 Sep 2022 10:19

Tgt Ion:165 Resp: 65484

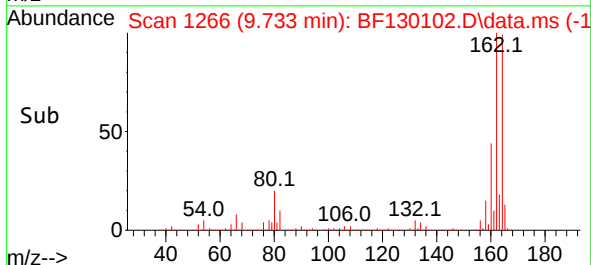
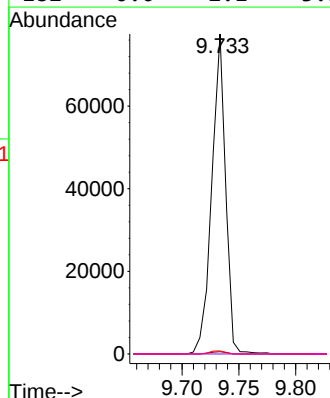
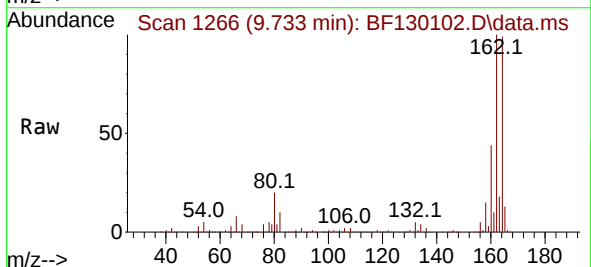
Ion Ratio Lower Upper

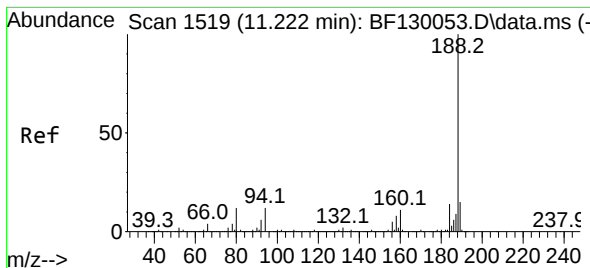
165 100

63 0.7 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: 11.216 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF130102.D

Acq: 02 Sep 2022 10:19

Instrument :

BNA_F

ClientSampleId :

PB147372BL

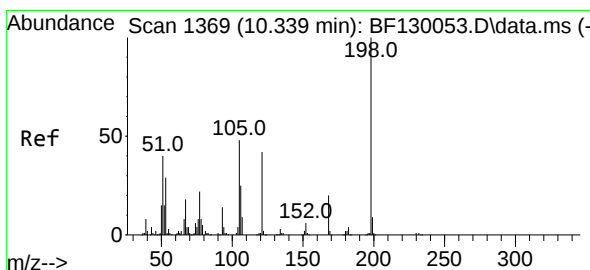
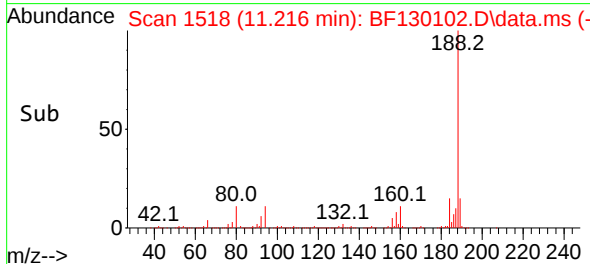
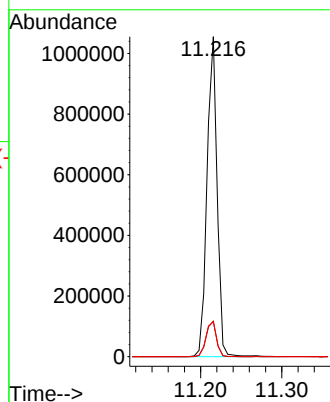
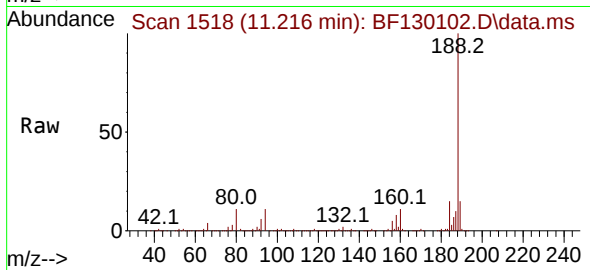
Tgt Ion:188 Resp: 905577

Ion Ratio Lower Upper

188 100

94 11.1 7.4 11.2

80 10.9 7.9 11.9



#65

4,6-Dinitro-2-methylphenol

Concen: 6.396 ng

RT: 10.522 min Scan# 1400

Delta R.T. 0.183 min

Lab File: BF130102.D

Acq: 02 Sep 2022 10:19

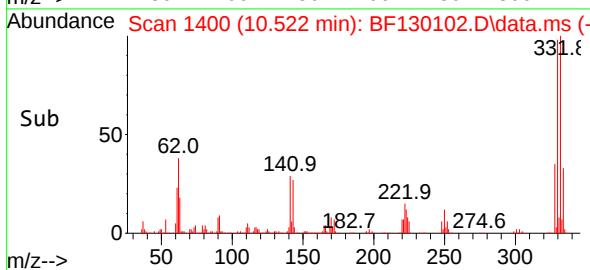
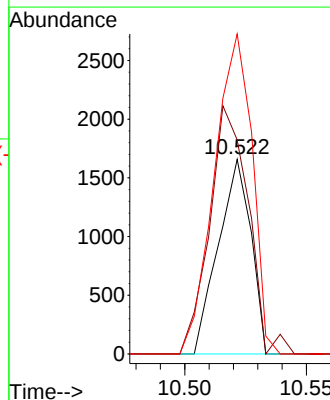
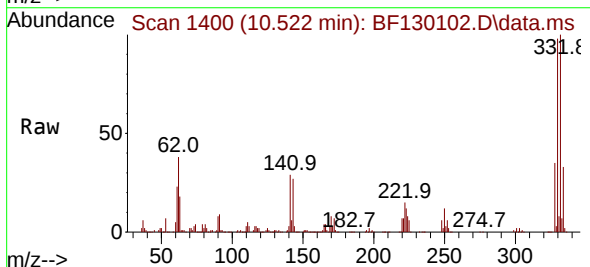
Tgt Ion:198 Resp: 1539

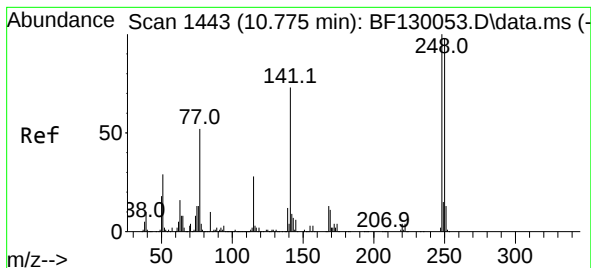
Ion Ratio Lower Upper

198 100

51 110.0 29.4 69.4#

105 164.4 29.2 69.2#

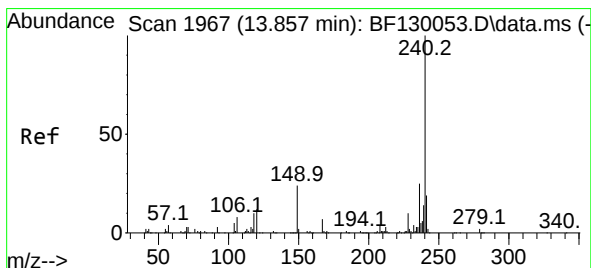
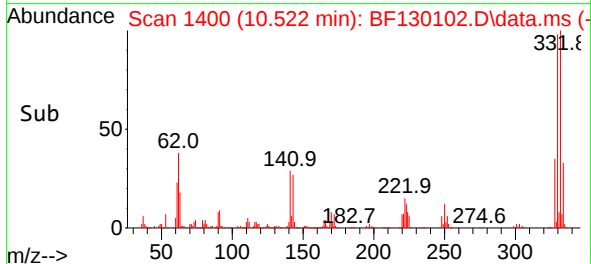
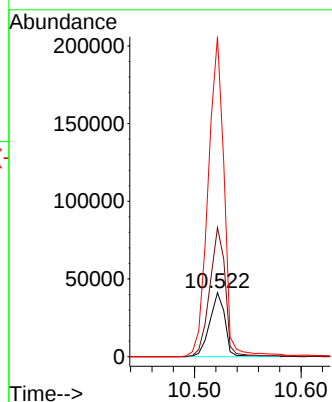
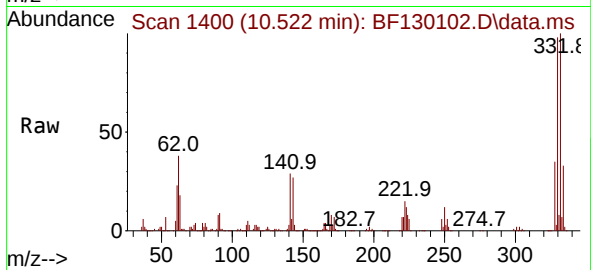




#67
4-Bromophenyl-phenylether
Concen: 4.083 ng
RT: 10.522 min Scan# 1443
Delta R.T. -0.253 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

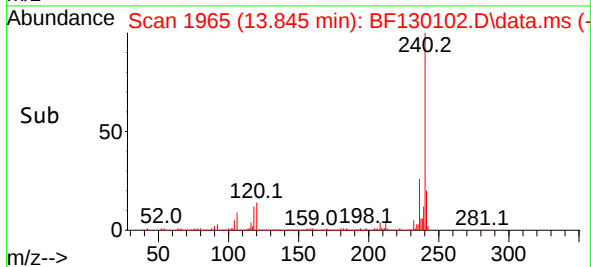
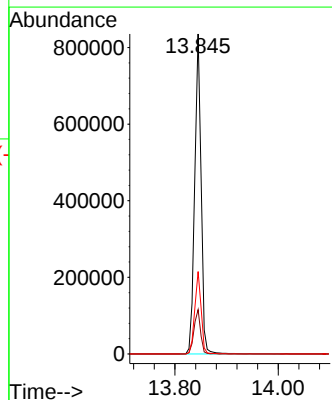
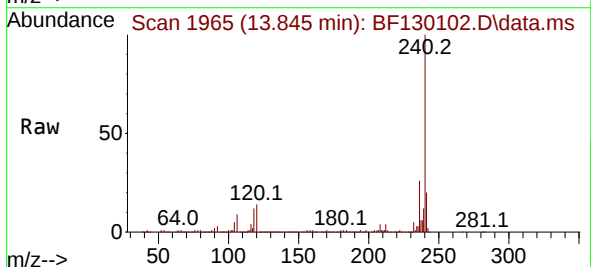
Instrument :
BNA_F
ClientSampleId :
PB147372BL

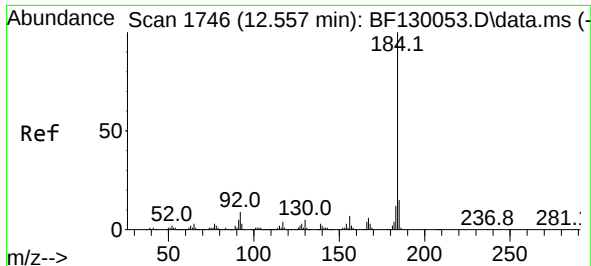
Tgt Ion:248 Resp: 41129
Ion Ratio Lower Upper
248 100
250 201.8 77.8 116.6#
141 500.3 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.845 min Scan# 1965
Delta R.T. -0.012 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

Tgt Ion:240 Resp: 718789
Ion Ratio Lower Upper
240 100
120 13.8 9.2 13.8#
236 25.7 20.7 31.1

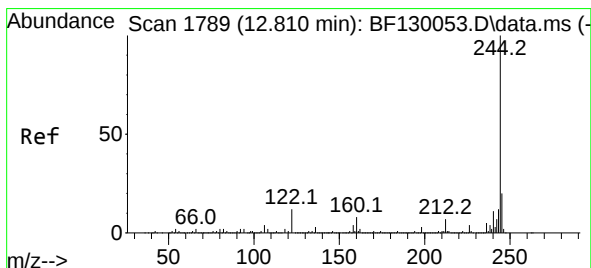
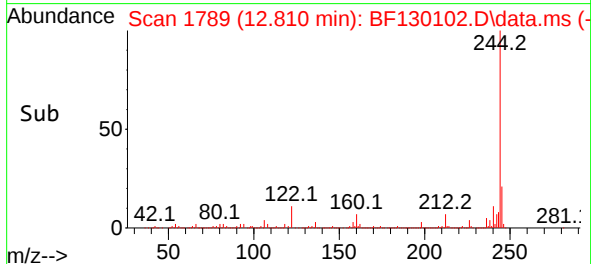
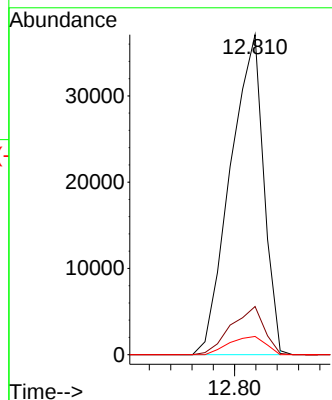
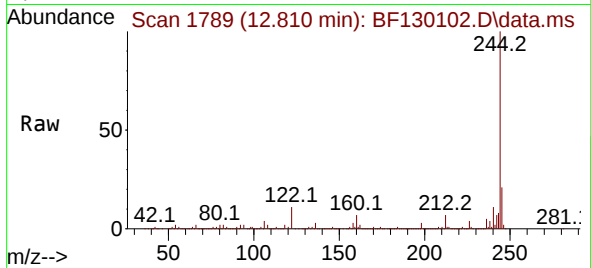




#77
Benzidine
Concen: 2.083 ng
RT: 12.810 min Scan# 1789
Delta R.T. 0.253 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

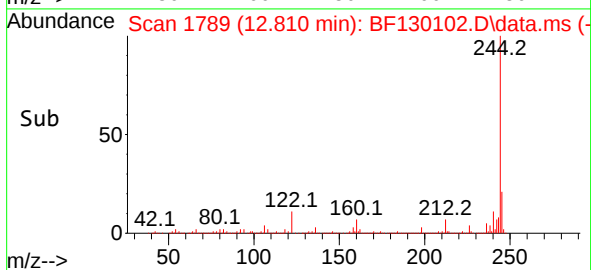
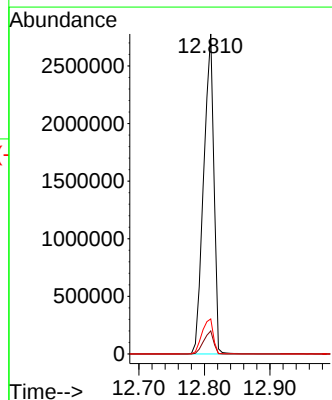
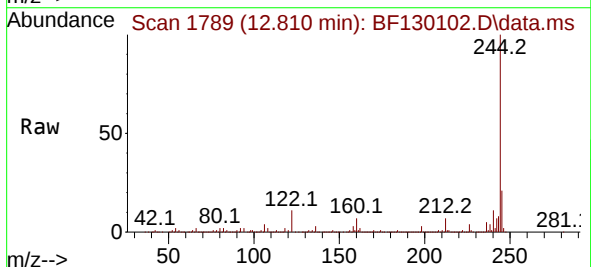
Instrument :
BNA_F
ClientSampleId :
PB147372BL

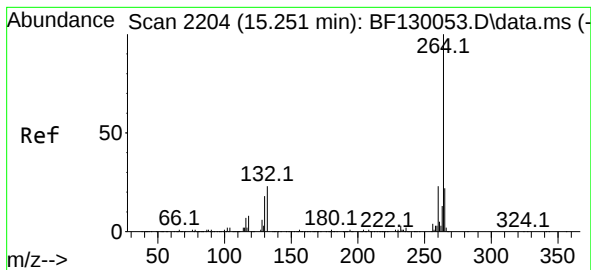
Tgt Ion:184 Resp: 40425
Ion Ratio Lower Upper
184 100
185 15.1 11.4 17.2
183 5.7 9.4 14.2#



#79
Terphenyl-d14
Concen: 72.788 ng
RT: 12.810 min Scan# 1789
Delta R.T. -0.000 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

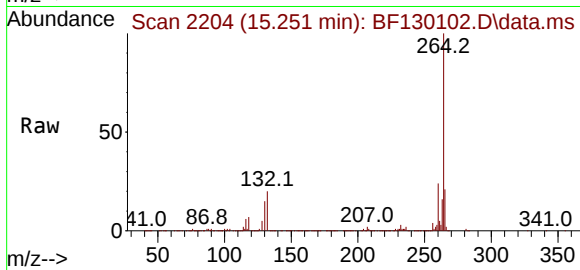
Tgt Ion:244 Resp: 3017049
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.9 9.9 14.9





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.251 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF130102.D
Acq: 02 Sep 2022 10:19

Instrument :
BNA_F
ClientSampleId :
PB147372BL



Tgt Ion:264 Resp: 625656
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.3 16.7 25.1

