

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090222\
 Data File : BF130125.D
 Acq On : 02 Sep 2022 22:37
 Operator : CG\JU
 Sample : N4437-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BASMENT-STAND-PIPE

Quant Time: Sep 03 05:53:15 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)

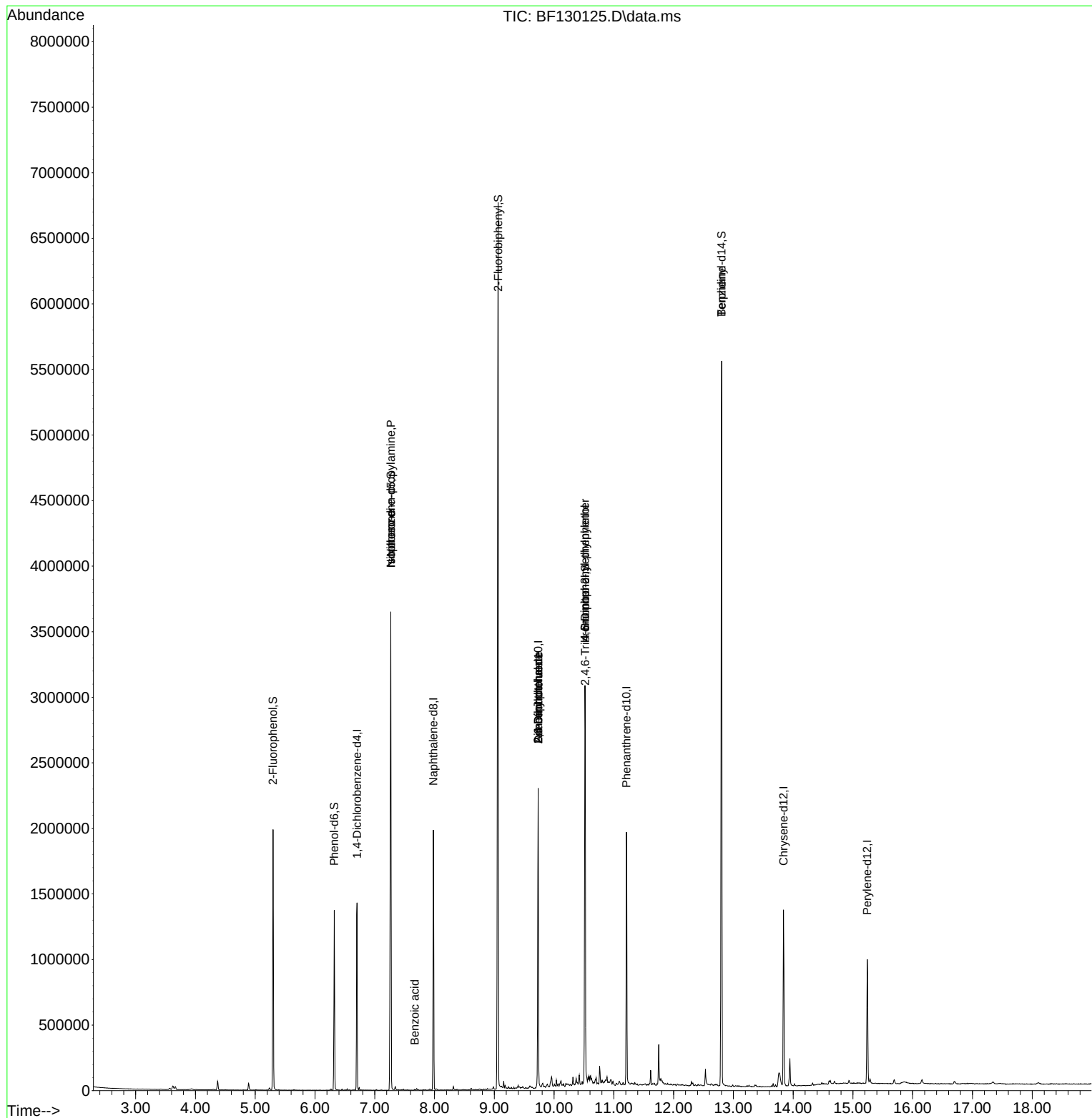
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.704	152	219222	20.000	ng	0.00
21) Naphthalene-d8	7.981	136	851648	20.000	ng	#-0.01
39) Acenaphthene-d10	9.733	164	443748	20.000	ng	-0.01
64) Phenanthrene-d10	11.210	188	701141	20.000	ng	#-0.01
76) Chrysene-d12	13.839	240	411887	20.000	ng	#-0.02
86) Perylene-d12	15.239	264	388143	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.298	112	542102	41.980	ng	-0.01
7) Phenol-d6	6.322	99	409063	25.409	ng	-0.02
23) Nitrobenzene-d5	7.269	82	1277187	96.378	ng	-0.01
42) 2,4,6-Tribromophenol	10.522	330	381311	94.399	ng	-0.01
45) 2-Fluorobiphenyl	9.063	172	2202029	82.273	ng	0.00
79) Terphenyl-d14	12.804	244	2012060	84.712	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.269	70	166556	17.173	ng	# 73
25) Isophorone	7.269	82	1272170	47.430	ng	# 65
32) Benzoic acid	7.669	122	1201	6.685	ng	# 85
50) Dimethylphthalate	9.733	163	83569	2.765	ng	# 1
51) 2,6-Dinitrotoluene	9.733	165	59427	10.085	ng	# 23
57) 2,4-Dinitrotoluene	9.733	165	59427	8.759	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.516	198	848	6.305	ng	# 1
67) 4-Bromophenyl-phenylether	10.516	248	22768	2.919	ng	# 1
77) Benzidine	12.804	184	28273	2.542	ng	# 94

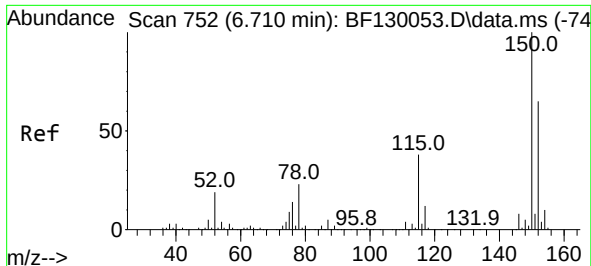
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Sep 03 05:53:15 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

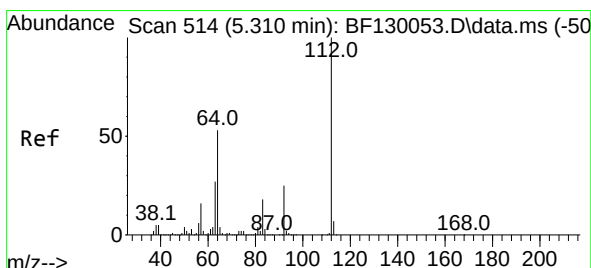
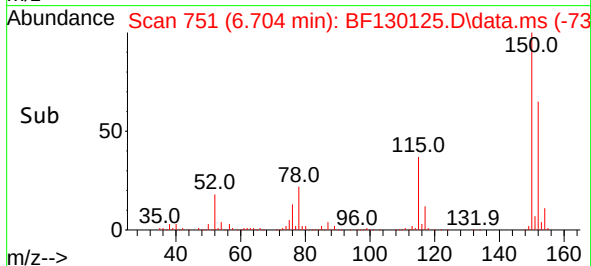
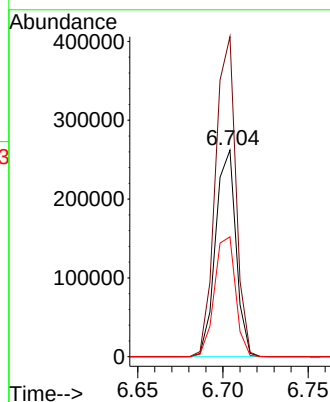
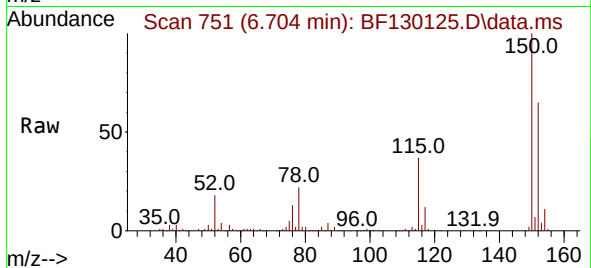




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.704 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF130125.D
 Acq: 02 Sep 2022 22:37

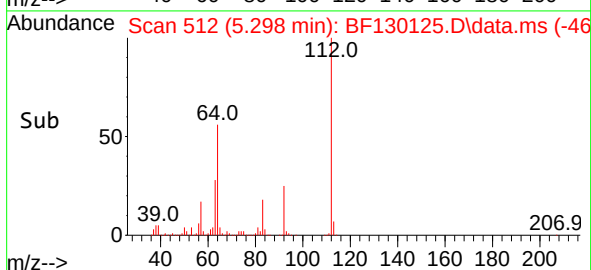
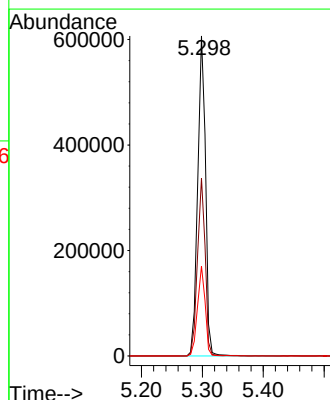
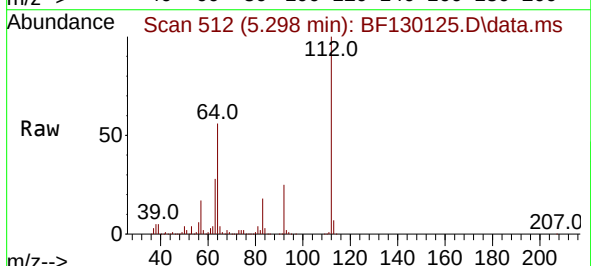
Instrument :
 BNA_F
 ClientSampleId :
 BASMENT-STAND-PIPE

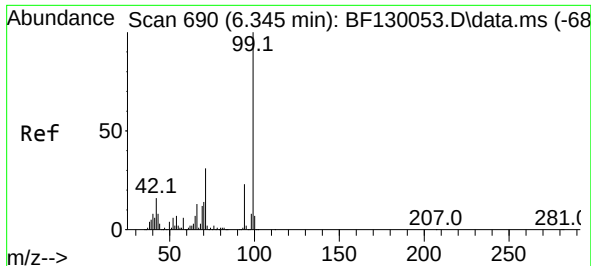
Tgt Ion:152 Resp: 219222
 Ion Ratio Lower Upper
 152 100
 150 154.9 126.9 190.3
 115 58.0 53.4 80.0



#5
 2-Fluorophenol
 Concen: 41.980 ng
 RT: 5.298 min Scan# 512
 Delta R.T. -0.012 min
 Lab File: BF130125.D
 Acq: 02 Sep 2022 22:37

Tgt Ion:112 Resp: 542102
 Ion Ratio Lower Upper
 112 100
 64 55.6 47.6 71.4
 63 28.1 24.6 37.0

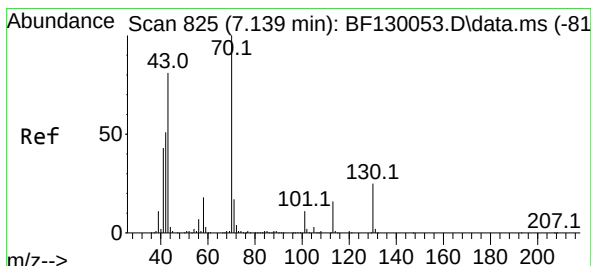
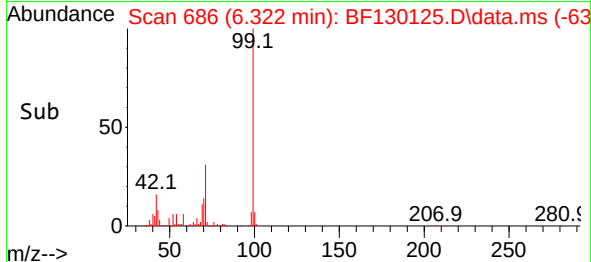
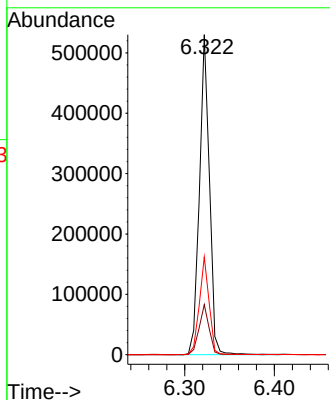
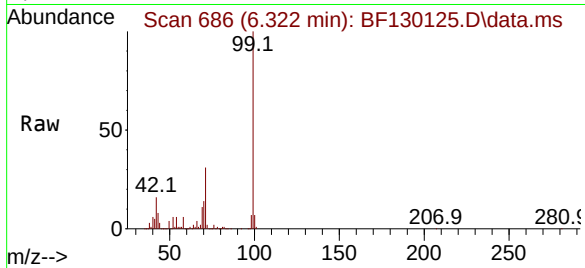




#7
Phenol-d6
Concen: 25.409 ng
RT: 6.322 min Scan# 61
Delta R.T. -0.024 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

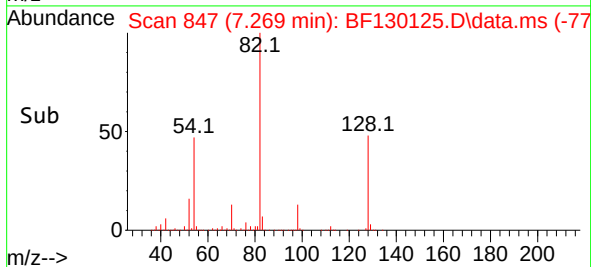
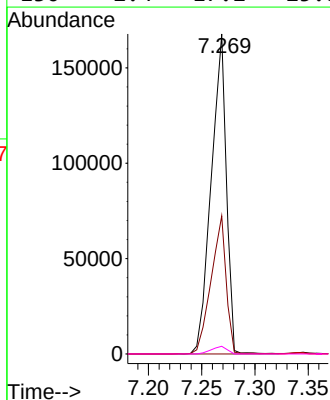
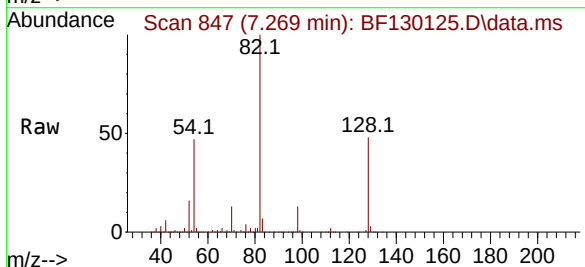
Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPE

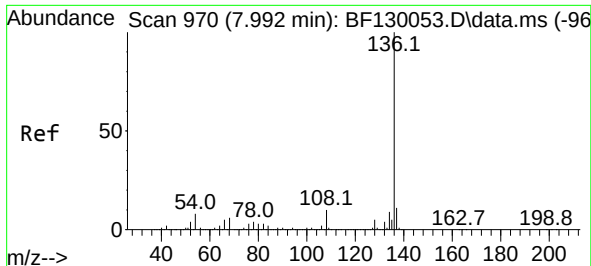
Tgt Ion: 99 Resp: 409063
Ion Ratio Lower Upper
99 100
42 15.7 15.0 22.4
71 30.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.173 ng
RT: 7.269 min Scan# 847
Delta R.T. 0.129 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

Tgt Ion: 70 Resp: 166556
Ion Ratio Lower Upper
70 100
42 43.2 47.6 71.4#
101 0.0 8.1 12.1#
130 2.4 17.2 25.8#

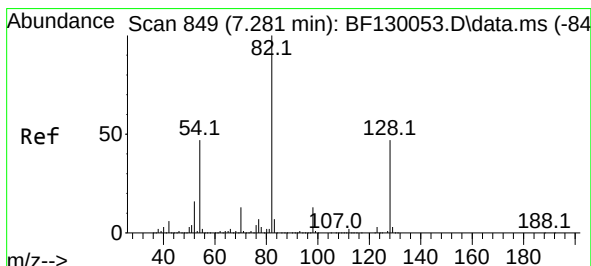
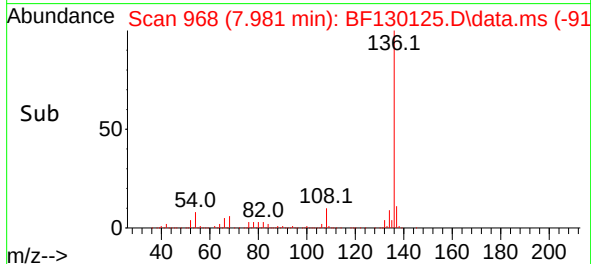
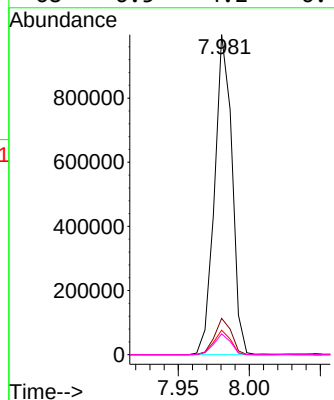
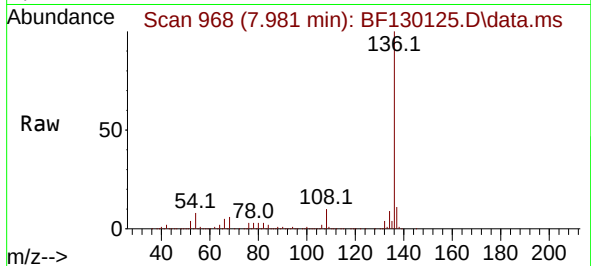




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.981 min Scan# 91
Delta R.T. -0.011 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

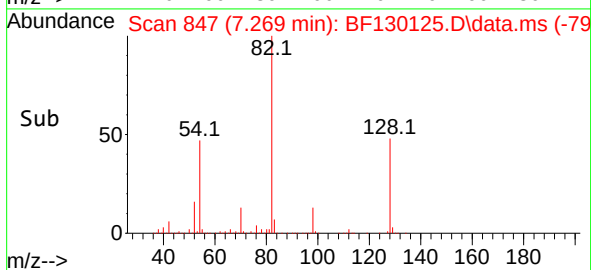
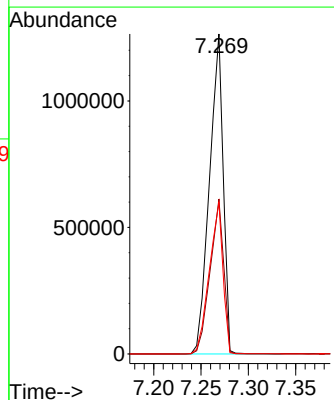
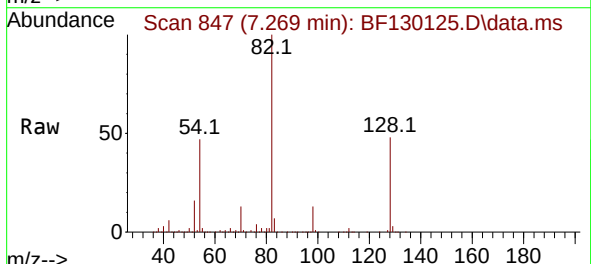
Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPE

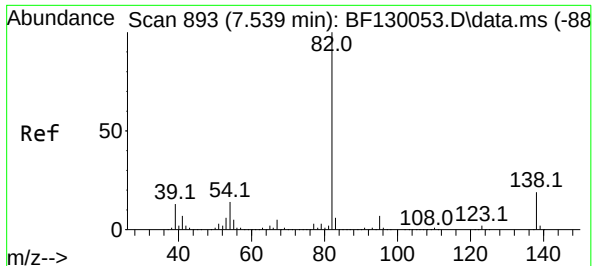
Tgt Ion:136 Resp: 851648
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 7.7 6.2 9.2
68 6.5 4.2 6.4#



#23
Nitrobenzene-d5
Concen: 96.378 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.012 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

Tgt Ion: 82 Resp: 1277187
Ion Ratio Lower Upper
82 100
128 48.4 36.1 54.1
54 47.4 40.0 60.0

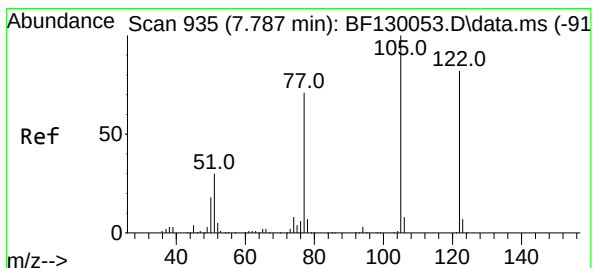
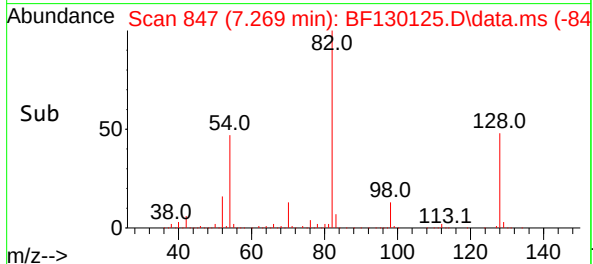
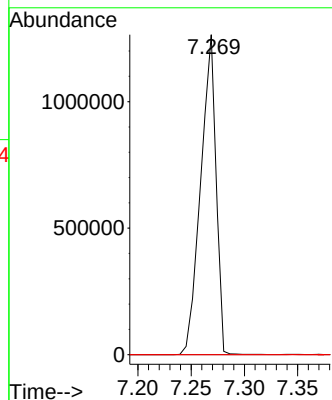
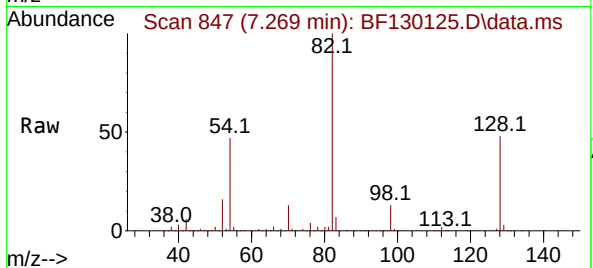




#25
Isophorone
Concen: 47.430 ng
RT: 7.269 min Scan# 84
Delta R.T. -0.271 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

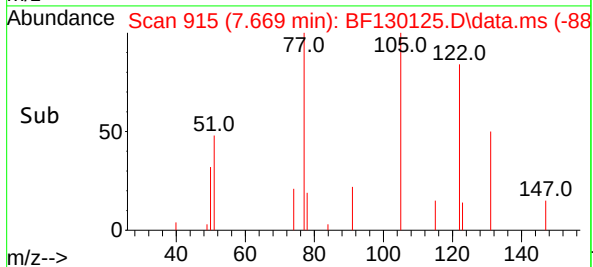
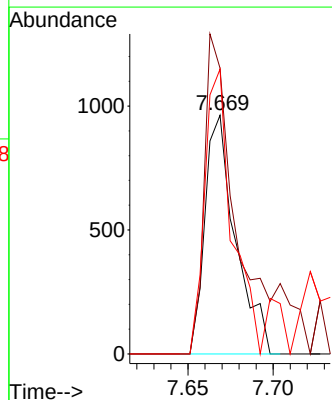
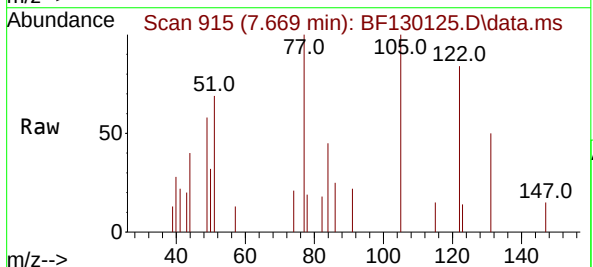
Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPE

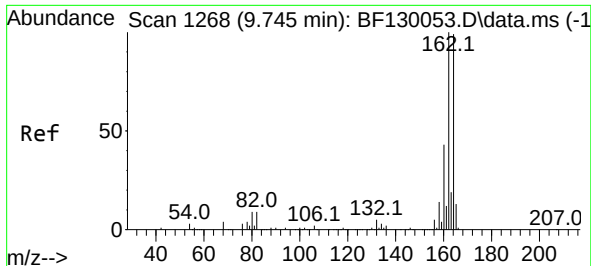
Tgt Ion: 82 Resp: 1272170
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 14.6 21.8#



#32
Benzoic acid
Concen: 6.685 ng
RT: 7.669 min Scan# 915
Delta R.T. -0.118 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

Tgt Ion:122 Resp: 1201
Ion Ratio Lower Upper
122 100
105 119.7 99.9 139.9
77 119.3 65.9 105.9#

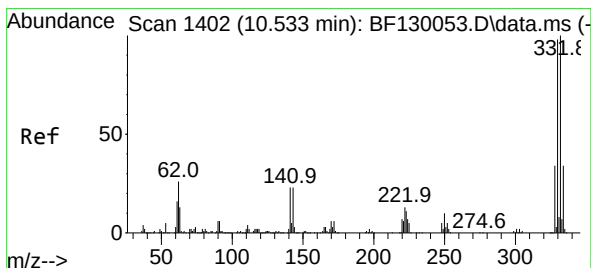
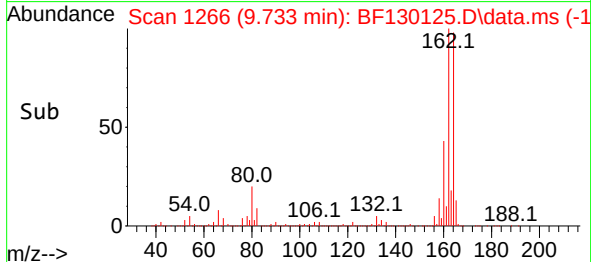
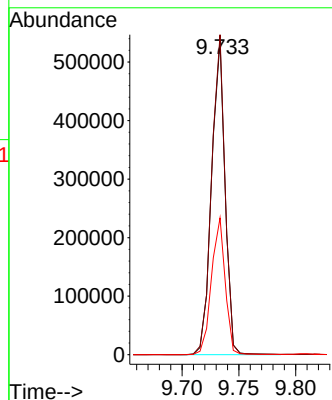
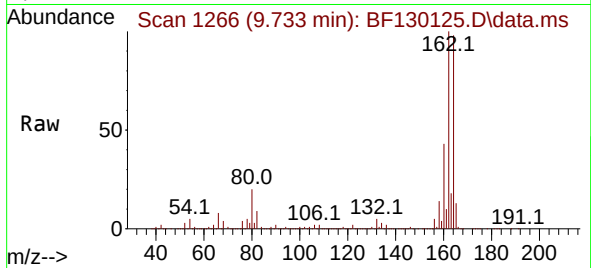




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.733 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

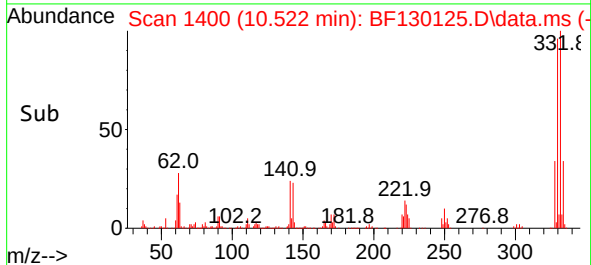
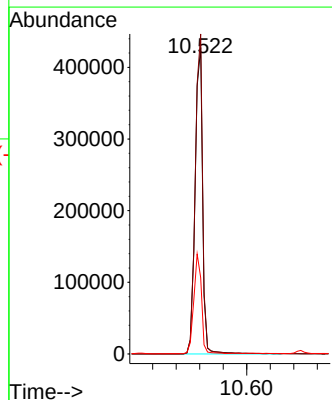
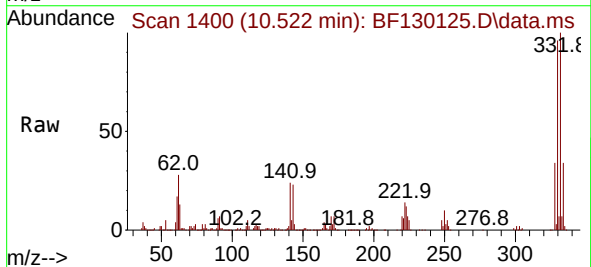
Instrument :
BNA_F
ClientSampleId :
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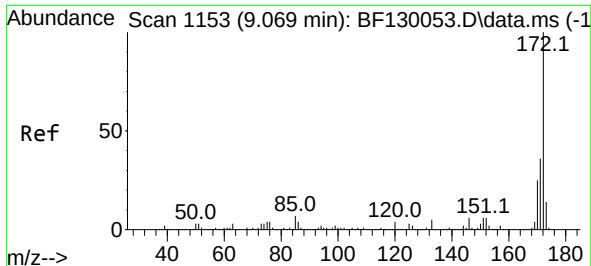
Tgt Ion:164 Resp: 443748
Ion Ratio Lower Upper
164 100
162 101.8 82.0 123.0
160 43.5 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 94.399 ng
RT: 10.522 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

Tgt Ion:330 Resp: 381311
Ion Ratio Lower Upper
330 100
332 102.8 82.6 124.0
141 33.0 27.6 41.4





#45

2-Fluorobiphenyl

Concen: 82.273 ng

RT: 9.063 min Scan# 1153

Delta R.T. -0.006 min

Lab File: BF130125.D

Acq: 02 Sep 2022 22:37

Instrument :

BNA_F

ClientSampleId :

BASMENT-STAND-PIPE

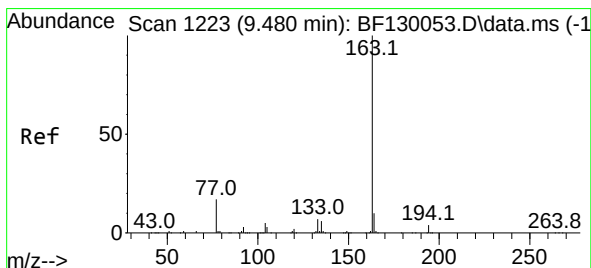
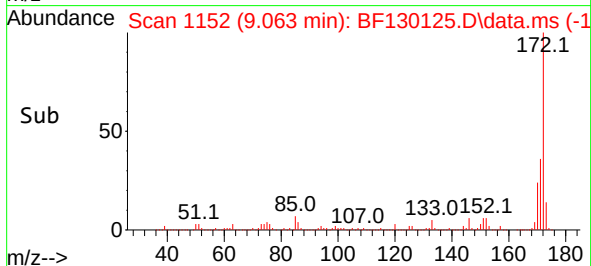
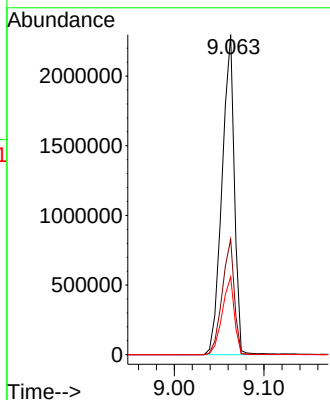
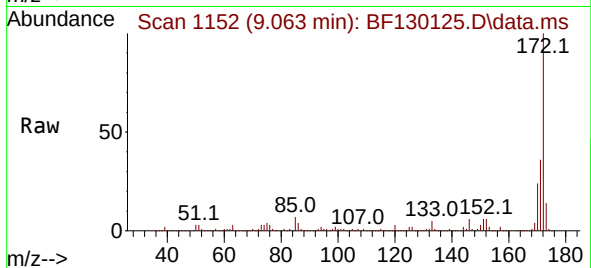
Tgt Ion:172 Resp: 2202029

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

170 24.3 19.1 28.7



#50

Dimethylphthalate

Concen: 2.765 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.253 min

Lab File: BF130125.D

Acq: 02 Sep 2022 22:37

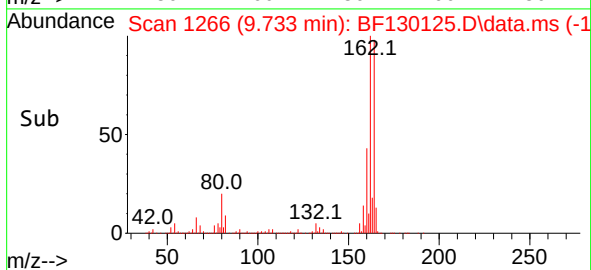
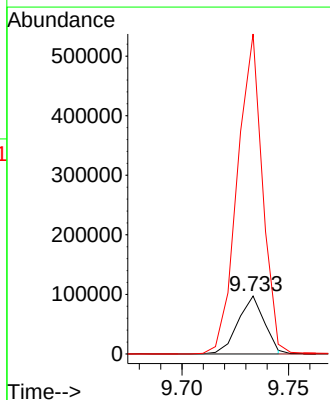
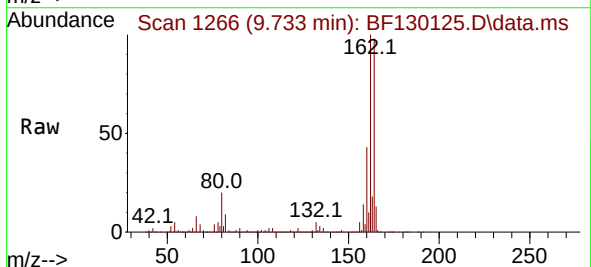
Tgt Ion:163 Resp: 83569

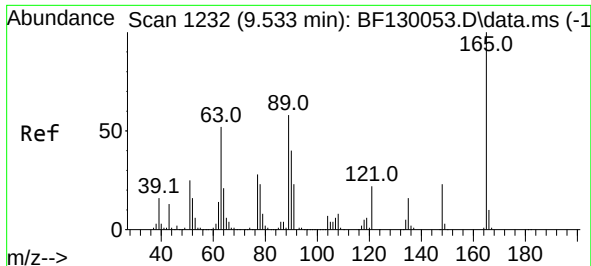
Ion Ratio Lower Upper

163 100

194 0.0 3.3 4.9#

164 552.3 8.2 12.2#





#51

2,6-Dinitrotoluene

Concen: 10.085 ng

RT: 9.733 min Scan# 1266

Delta R.T. 0.200 min

Lab File: BF130125.D

Acq: 02 Sep 2022 22:37

Instrument :

BNA_F

ClientSampleId :

BASMENT-STAND-PIPE

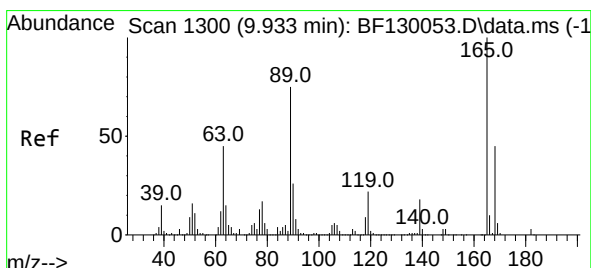
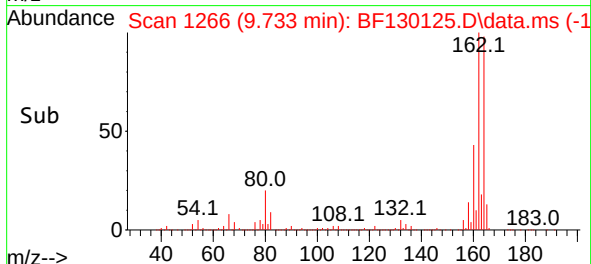
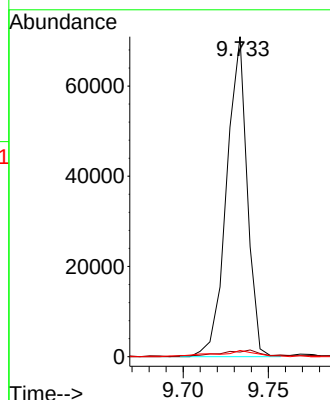
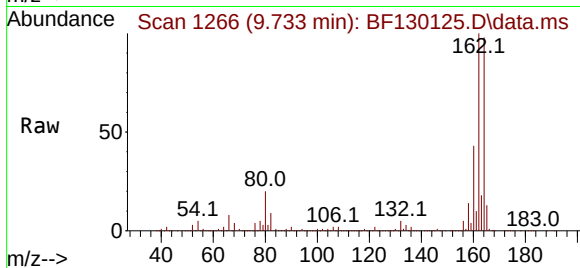
Tgt Ion:165 Resp: 59427

Ion Ratio Lower Upper

165 100

63 1.5 47.8 71.8#

89 1.9 47.2 70.8#



#57

2,4-Dinitrotoluene

Concen: 8.759 ng

RT: 9.733 min Scan# 1266

Delta R.T. -0.200 min

Lab File: BF130125.D

Acq: 02 Sep 2022 22:37

Tgt Ion:165 Resp: 59427

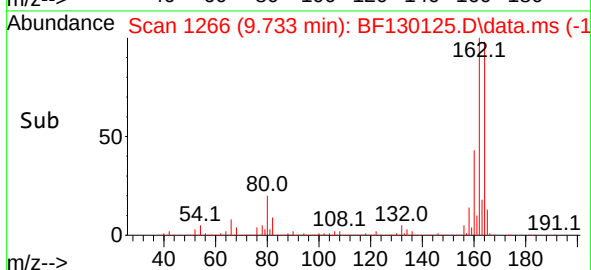
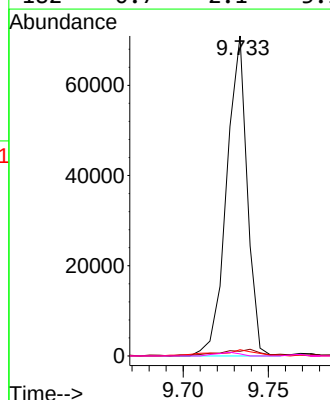
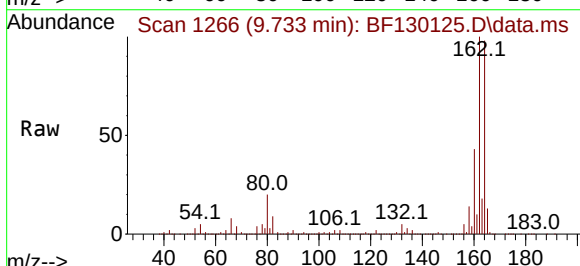
Ion Ratio Lower Upper

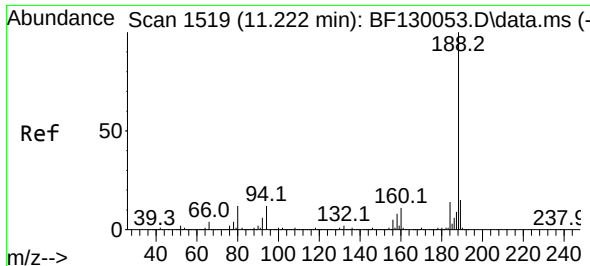
165 100

63 1.5 48.4 72.6#

89 1.9 62.3 93.5#

182 0.7 2.1 3.1#

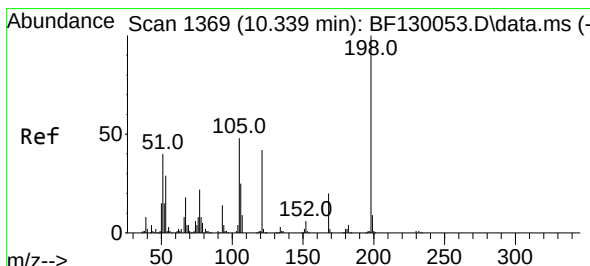
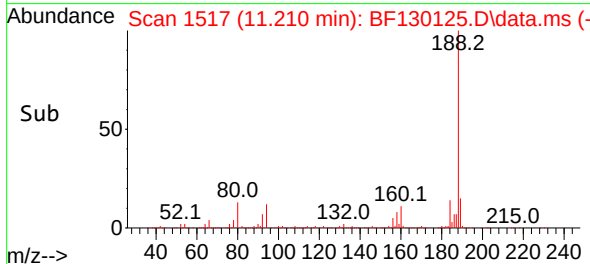
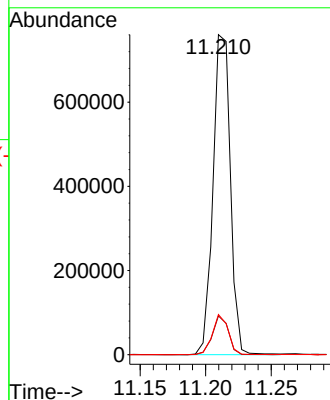
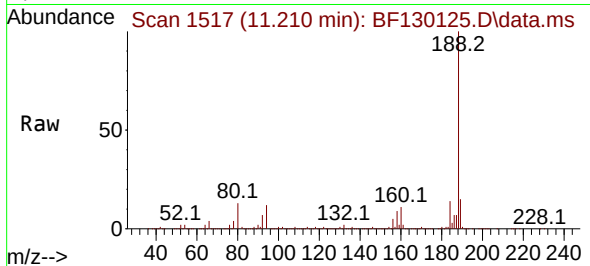




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.210 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

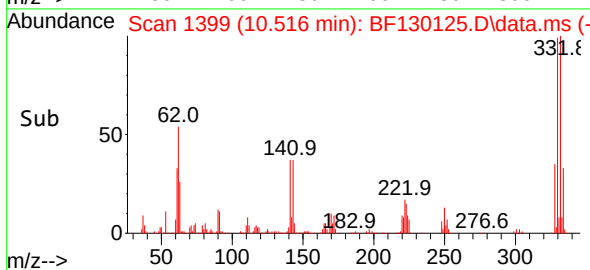
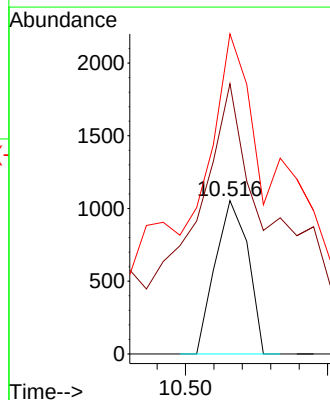
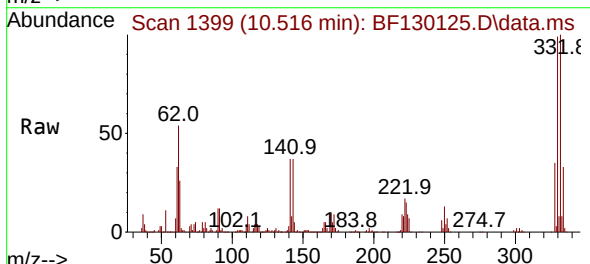
Instrument :
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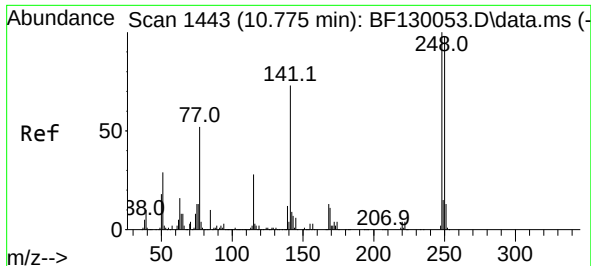
Tgt Ion:188 Resp: 701141
Ion Ratio Lower Upper
188 100
94 12.1 7.4 11.2#
80 12.5 7.9 11.9#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.305 ng
RT: 10.516 min Scan# 1399
Delta R.T. 0.177 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

Tgt Ion:198 Resp: 848
Ion Ratio Lower Upper
198 100
51 176.3 29.4 69.4#
105 208.7 29.2 69.2#

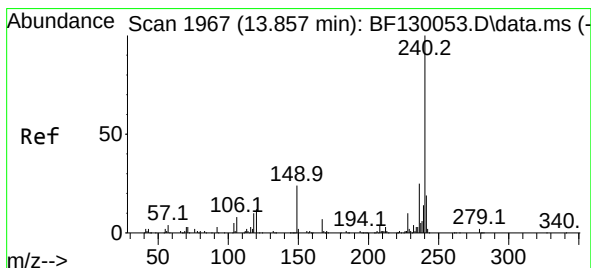
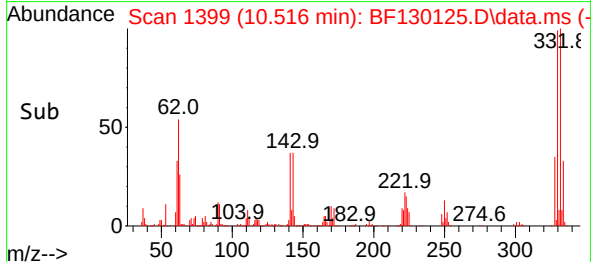
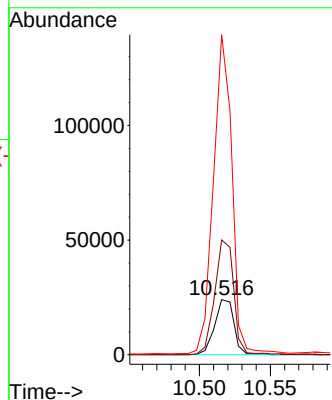
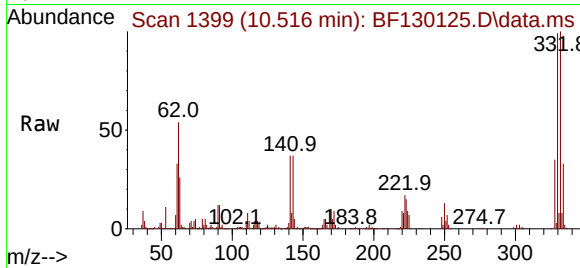




#67
4-Bromophenyl-phenylether
Concen: 2.919 ng
RT: 10.516 min Scan# 11
Delta R.T. -0.259 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

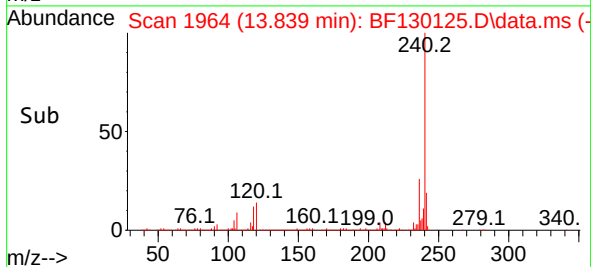
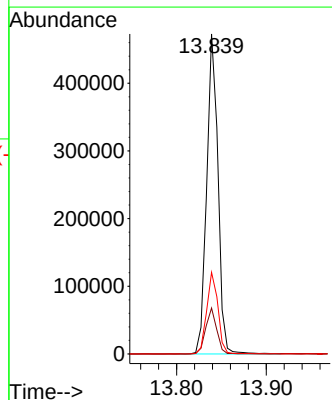
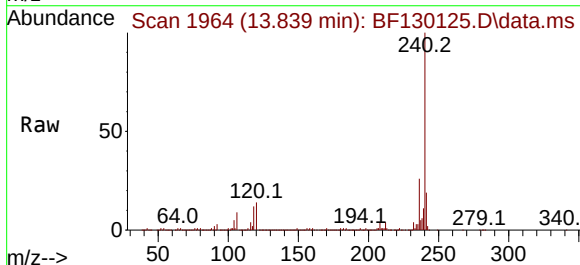
Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPE

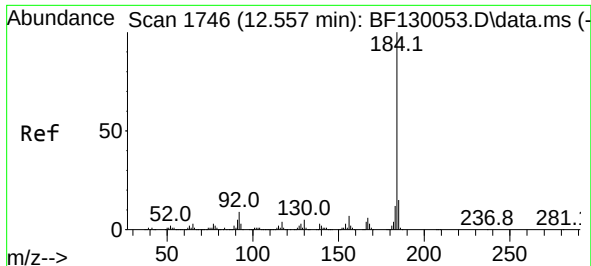
Tgt Ion:248 Resp: 22768
Ion Ratio Lower Upper
248 100
250 208.2 77.8 116.6#
141 580.6 66.2 99.2#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.839 min Scan# 1964
Delta R.T. -0.018 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

Tgt Ion:240 Resp: 411887
Ion Ratio Lower Upper
240 100
120 14.3 9.2 13.8#
236 25.5 20.7 31.1

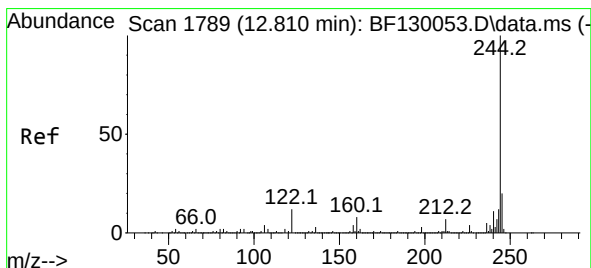
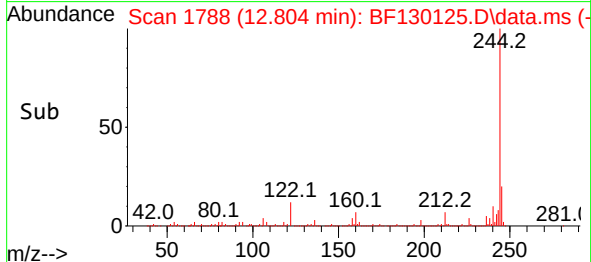
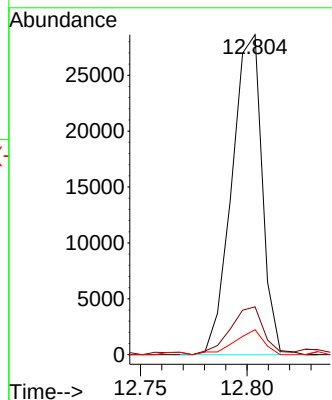
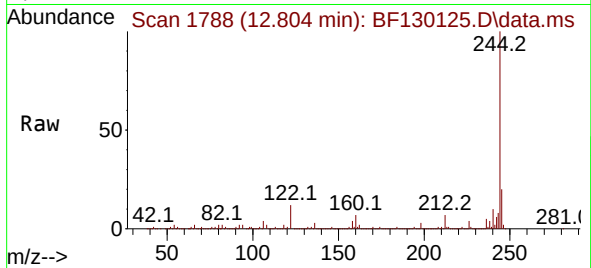




#77
Benzidine
Concen: 2.542 ng
RT: 12.804 min Scan# 1788
Delta R.T. 0.247 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

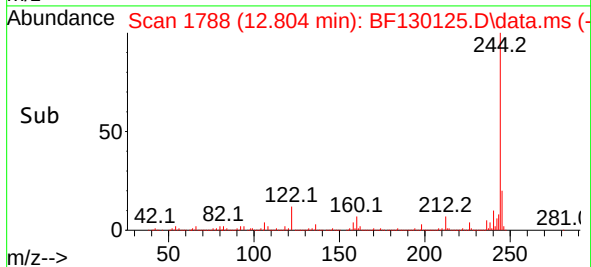
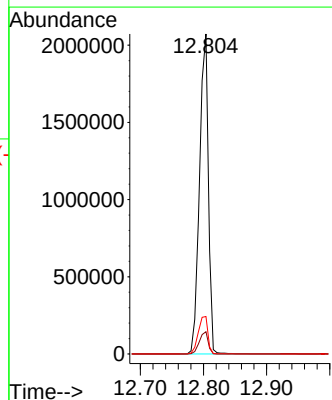
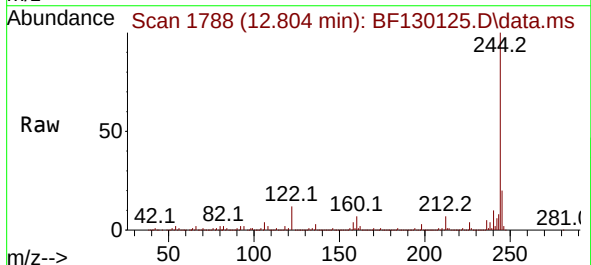
Instrument :
BNA_F
ClientSampleId :
BASMENT-STAND-PIPE

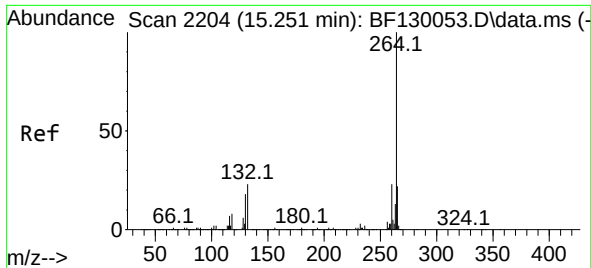
Tgt Ion:184 Resp: 28273
Ion Ratio Lower Upper
184 100
185 14.9 11.4 17.2
183 7.8 9.4 14.2#



#79
Terphenyl-d14
Concen: 84.712 ng
RT: 12.804 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF130125.D
Acq: 02 Sep 2022 22:37

Tgt Ion:244 Resp: 2012060
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.7 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: BF130125.D
 Acq: 02 Sep 2022 22:37

Instrument :
 BNA_F
 ClientSampleId :
 BASMENT-STAND-PIPE

Tgt Ion:264 Resp: 388143
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.1 28.7
 265 21.9 16.7 25.1

