

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052121\
 Data File : BF124026.D
 Acq On : 21 May 2021 19:26
 Operator : JU/CG
 Sample : M2482-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-052021

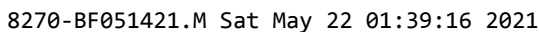
Quant Time: May 22 01:39:13 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

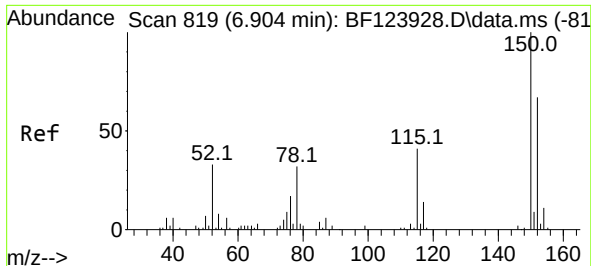
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	57741	20.00	ng	-0.02
21) Naphthalene-d8	8.175	136	237373	20.00	ng	-0.01
39) Acenaphthene-d10	9.927	164	139604	20.00	ng	-0.02
64) Phenanthrene-d10	11.416	188	262786	20.00	ng	-0.01
76) Chrysene-d12	14.057	240	158220	20.00	ng	-0.01
86) Perylene-d12	15.545	264	147603	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	122423	29.77	ng	0.00
7) Phenol-d6	6.510	99	333562	62.53	ng	-0.01
23) Nitrobenzene-d5	7.451	82	260990	47.37	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	13027	7.77	ng	-0.02
45) 2-Fluorobiphenyl	9.245	172	500910	44.15	ng	-0.02
79) Terphenyl-d14	13.004	244	516293	49.42	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	37811	10.49	ng	# 77
25) Isophorone	7.451	82	260986	24.63	ng	# 69
50) Dimethylphthalate	9.639	163	84231	7.56	ng	97
57) 2,4-Dinitrotoluene	9.927	165	18119	6.55	ng	# 16
65) 4,6-Dinitro-2-methylph...	10.710	198	180	5.53	ng	# 32
77) Benzidine	13.004	184	9095	2.38	ng	# 92

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

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

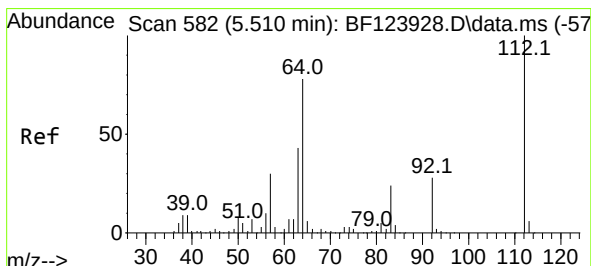
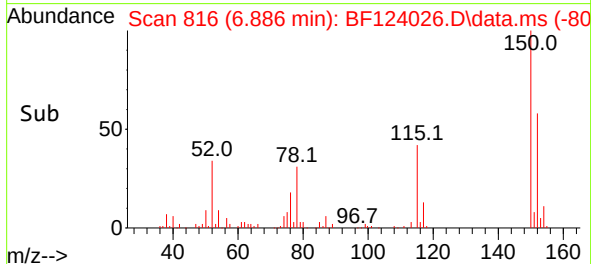
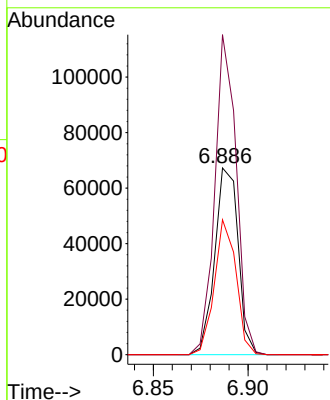
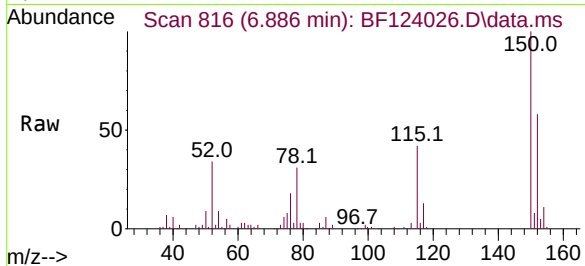




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

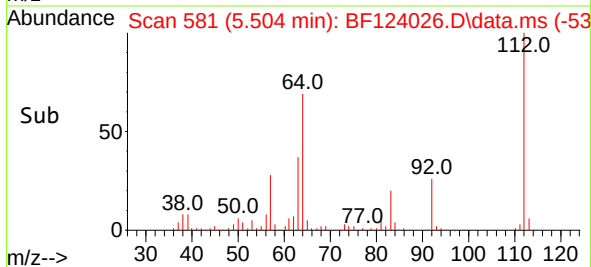
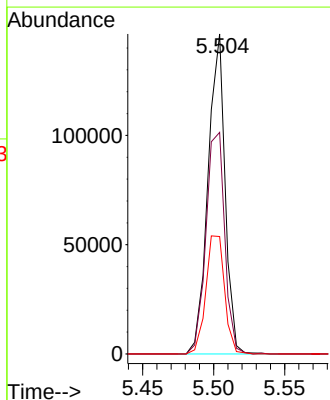
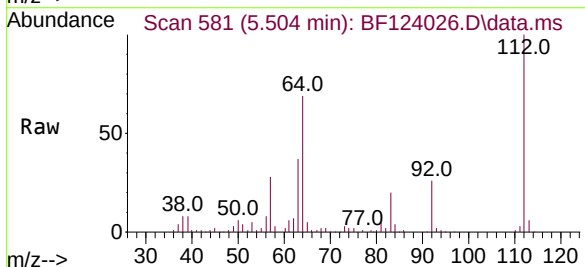
Instrument :
BNA_F
ClientSampled :
BU-02-052021

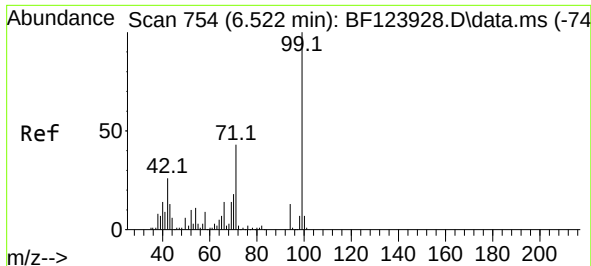
Tgt Ion:152 Resp: 57741
Ion Ratio Lower Upper
152 100
150 171.4 127.0 190.6
115 72.2 54.3 81.5



#5
2-Fluorophenol
Concen: 29.77 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

Tgt Ion:112 Resp: 122423
Ion Ratio Lower Upper
112 100
64 69.2 61.4 92.0
63 36.7 33.0 49.4

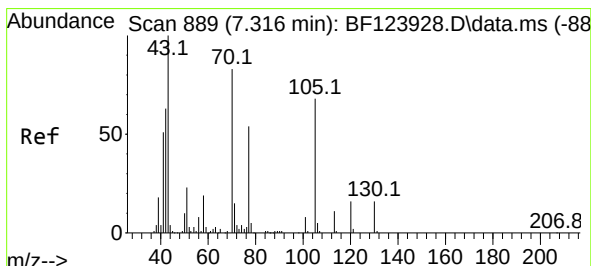
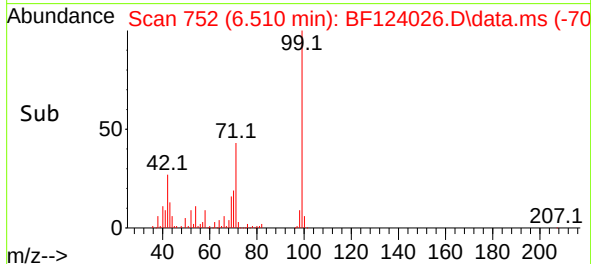
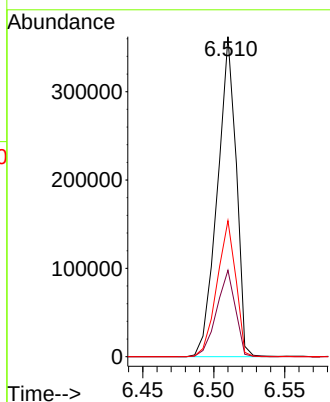
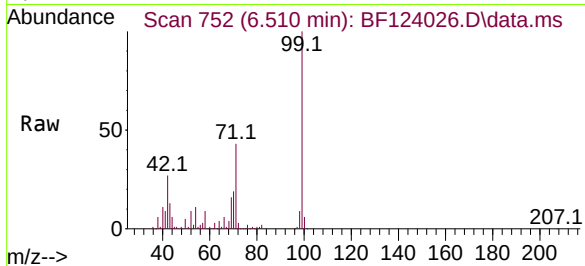




#7
Phenol-d6
Concen: 62.53 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

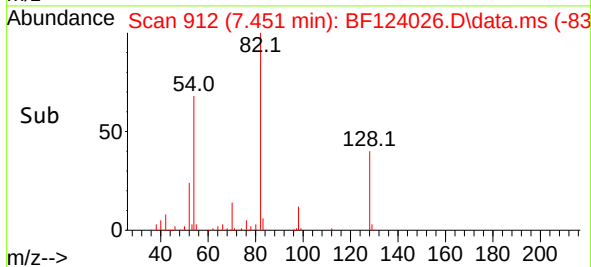
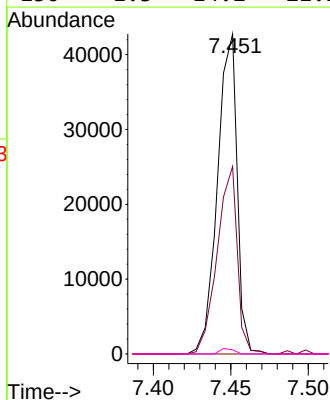
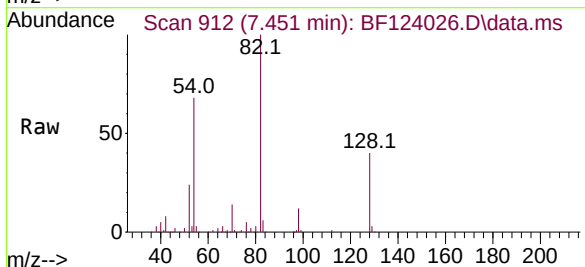
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ClientSampleId :
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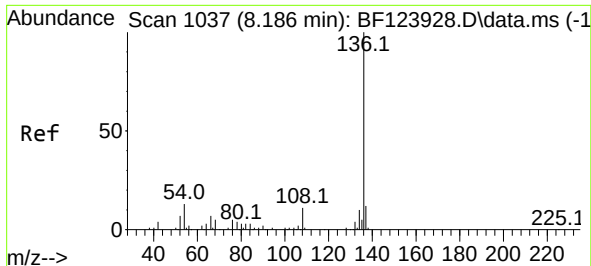
Tgt Ion: 99 Resp: 333562
Ion Ratio Lower Upper
99 100
42 27.0 19.8 29.8
71 42.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 10.49 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.135 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

Tgt Ion: 70 Resp: 37811
Ion Ratio Lower Upper
70 100
42 58.6 60.1 90.1#
101 0.0 7.4 11.2#
130 1.3 14.2 21.2#

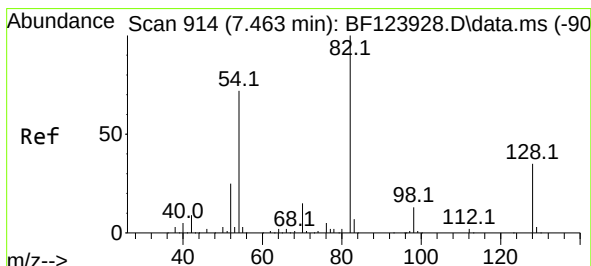
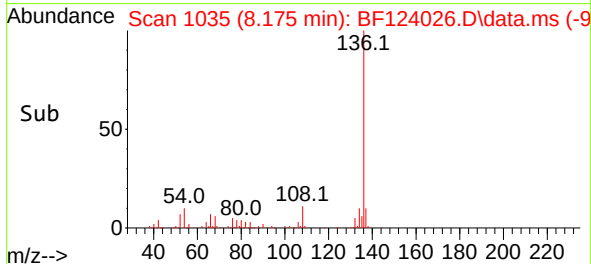
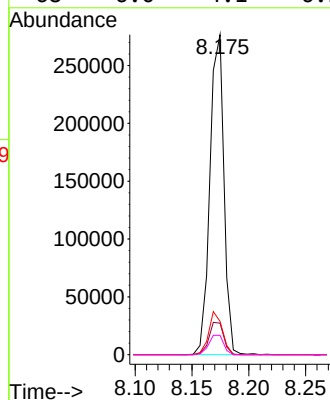
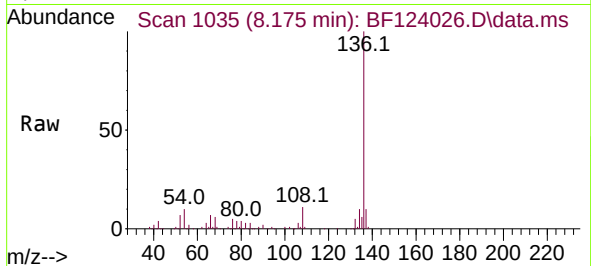




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.011 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

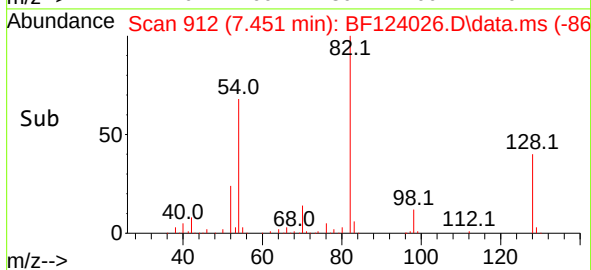
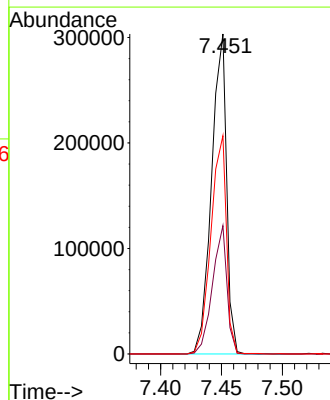
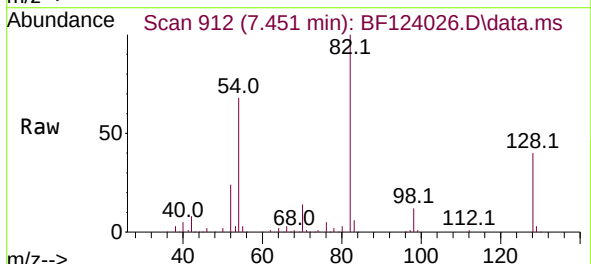
Instrument :
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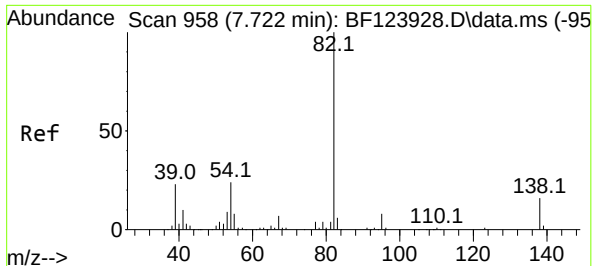
Tgt Ion:136	Resp: 237373
Ion Ratio	Lower Upper
136 100	
137 9.9	8.7 13.1
54 10.4	9.8 14.6
68 6.0	4.1 6.1



#23
Nitrobenzene-d5
Concen: 47.37 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.012 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

Tgt Ion: 82	Resp: 260990
Ion Ratio	Lower Upper
82 100	
128 40.1	29.4 44.2
54 68.2	54.1 81.1

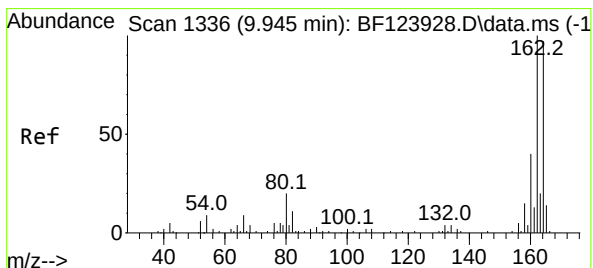
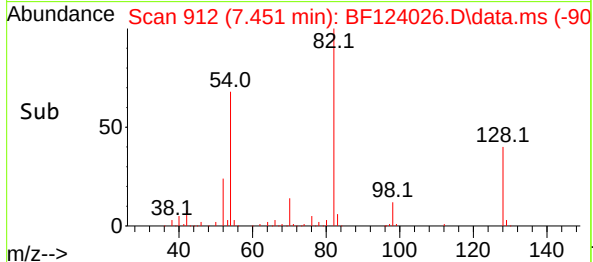
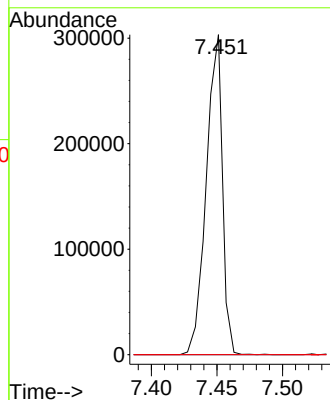
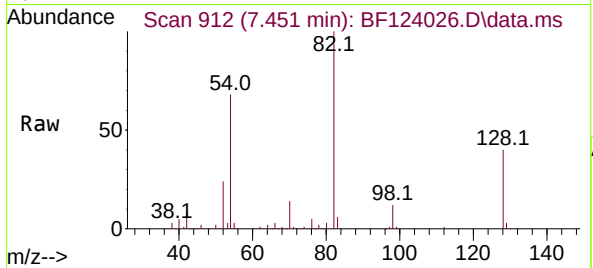




#25
Isophorone
Concen: 24.63 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.271 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

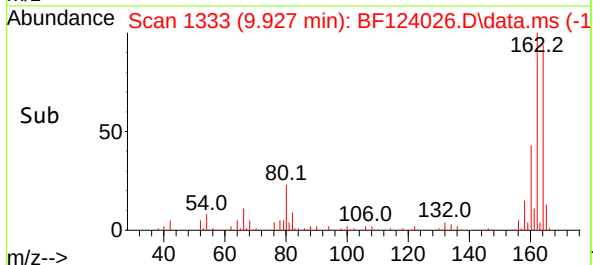
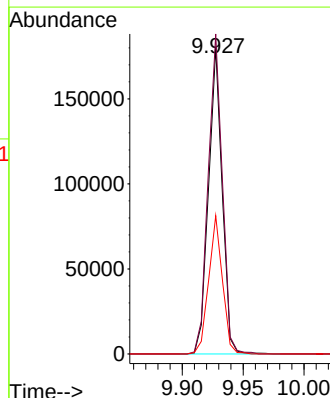
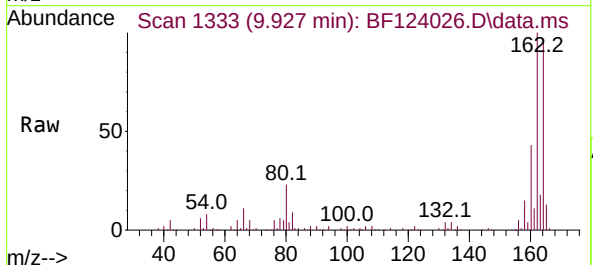
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ClientSampleId :
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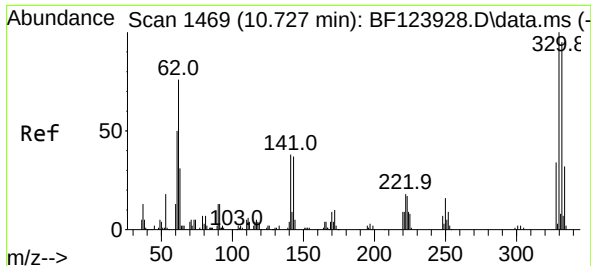
Tgt Ion: 82 Resp: 260986
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.018 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

Tgt Ion: 164 Resp: 139604
Ion Ratio Lower Upper
164 100
162 104.4 80.7 121.1
160 45.1 37.3 55.9

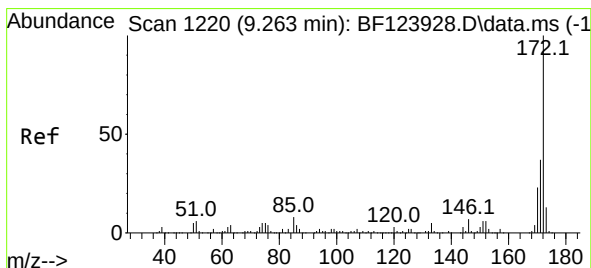
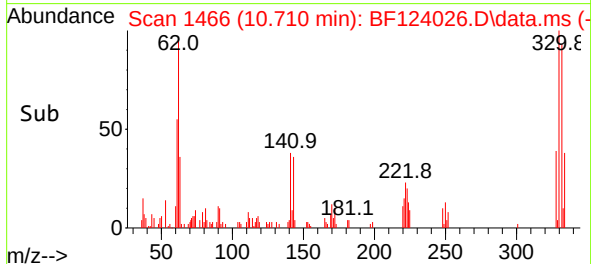
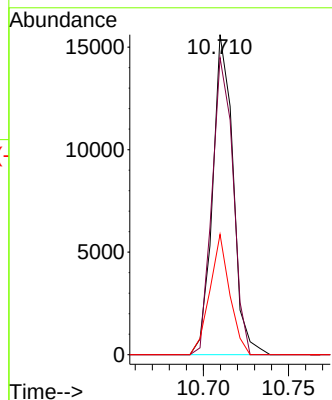
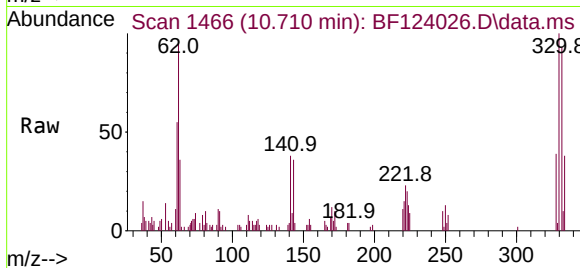




#42
2,4,6-Tribromophenol
Concen: 7.77 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.018 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

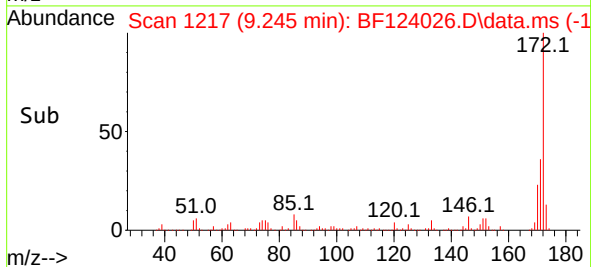
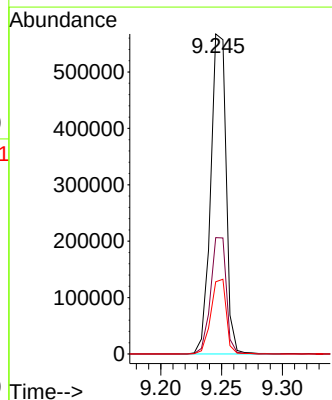
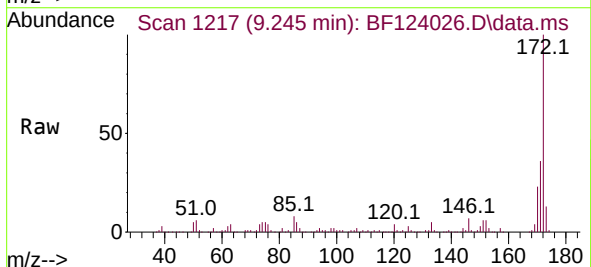
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ClientSampled :
BU-02-052021

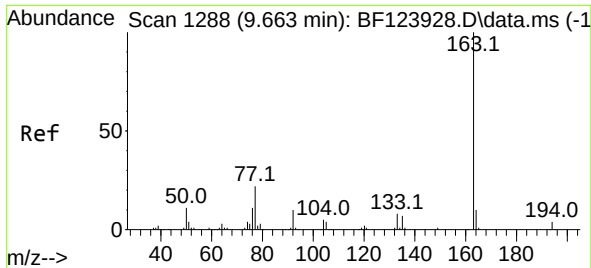
Tgt Ion: 330 Resp: 13027
Ion Ratio Lower Upper
330 100
332 94.9 77.1 115.7
141 36.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 44.15 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.018 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

Tgt Ion: 172 Resp: 500910
Ion Ratio Lower Upper
172 100
171 36.3 28.1 42.1
170 22.6 19.2 28.8

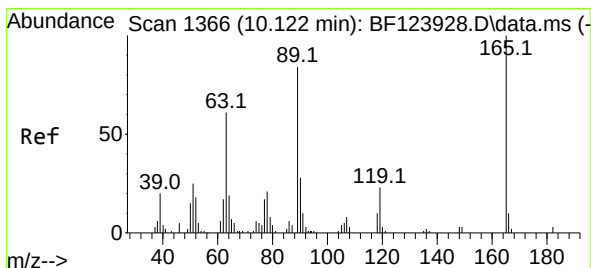
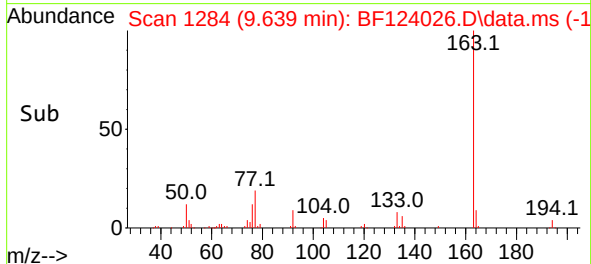
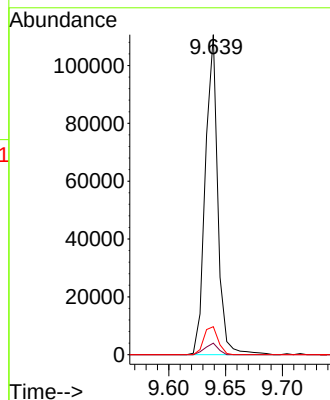
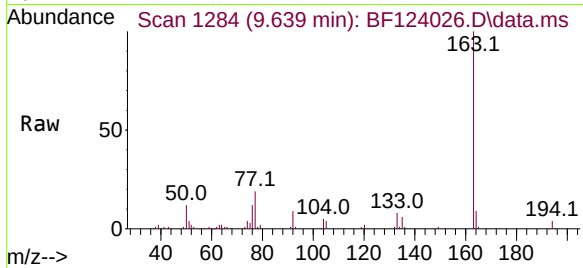




#50
Dimethylphthalate
Concen: 7.56 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.024 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

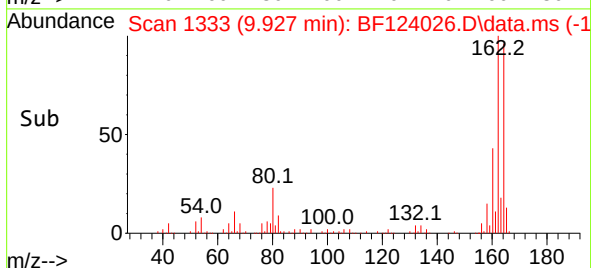
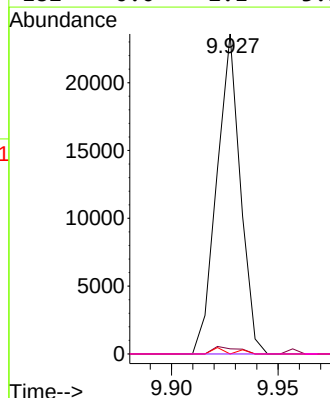
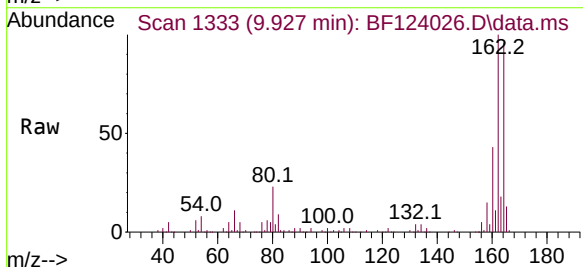
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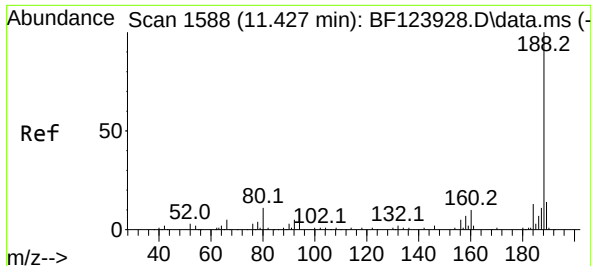
Tgt Ion:163 Resp: 84231
Ion Ratio Lower Upper
163 100
194 3.6 3.1 4.7
164 8.8 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.55 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.194 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

Tgt Ion:165 Resp: 18119
Ion Ratio Lower Upper
165 100
63 1.6 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

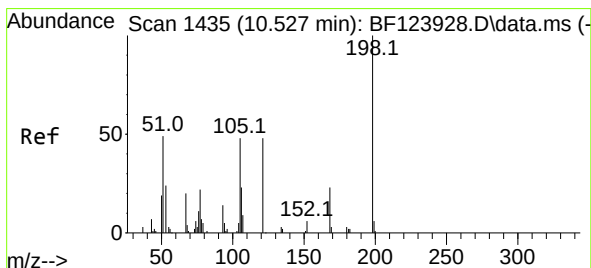
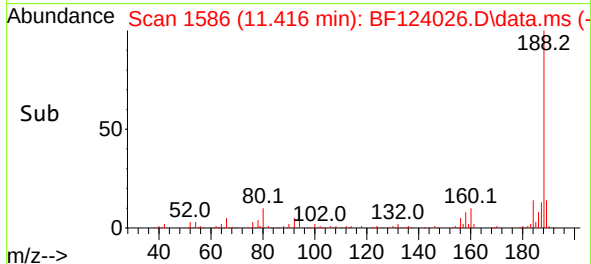
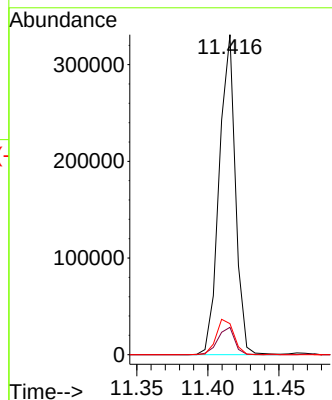
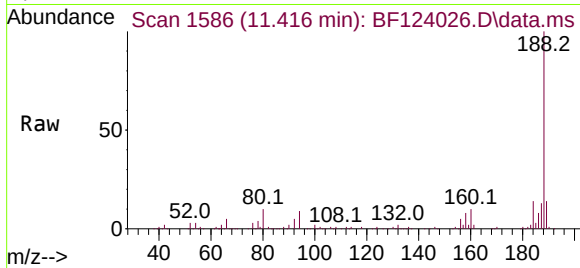




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.416 min Scan# 1586
Delta R.T. -0.011 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

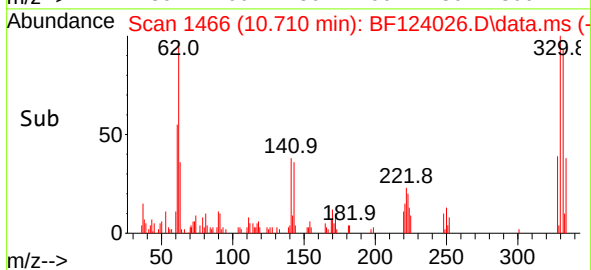
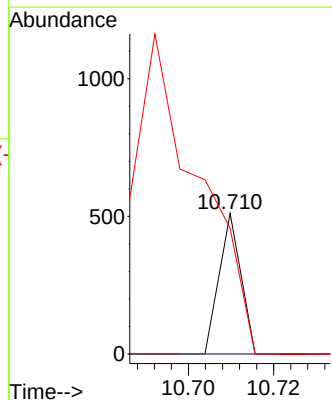
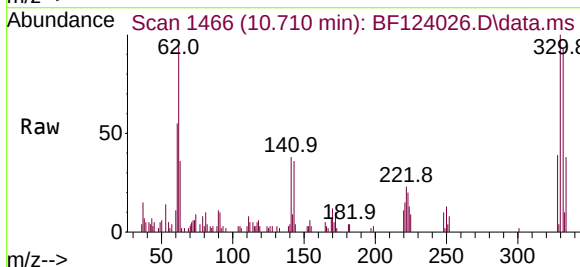
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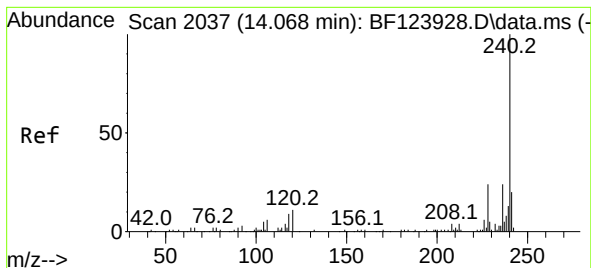
Tgt Ion:188 Resp: 262786
Ion Ratio Lower Upper
188 100
94 8.6 6.9 10.3
80 9.7 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.53 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.183 min
Lab File: BF124026.D
Acq: 21 May 2021 19:26

Tgt Ion:198 Resp: 180
Ion Ratio Lower Upper
198 100
51 0.0 64.8 104.8#
105 89.4 42.6 82.6#





#76

Chrysene-d12

Concen: 20.00 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.012 min

Lab File: BF124026.D

Acq: 21 May 2021 19:26

Tgt Ion:240 Resp: 158220

Ion Ratio Lower Upper

240 100

120 8.8 7.2 10.8

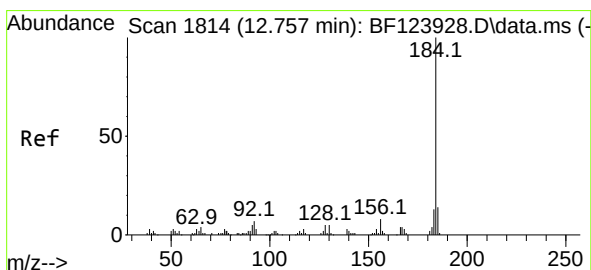
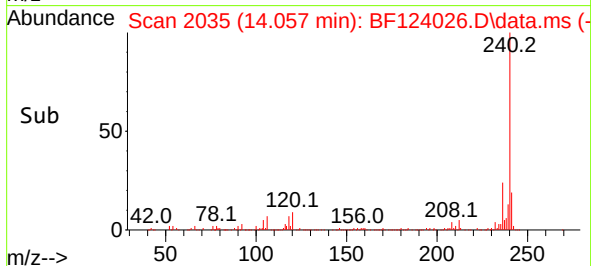
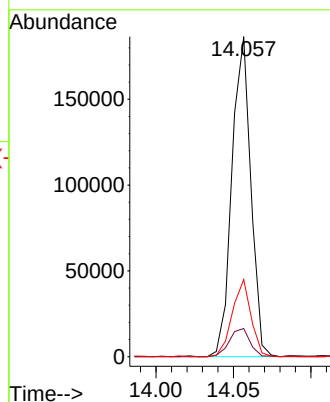
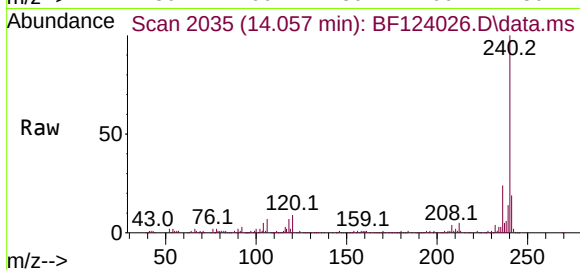
236 24.1 19.0 28.4

Instrument :

BNA_F

ClientSampleId :

BU-02-052021



#77

Benzidine

Concen: 2.38 ng

RT: 13.004 min Scan# 1856

Delta R.T. 0.247 min

Lab File: BF124026.D

Acq: 21 May 2021 19:26

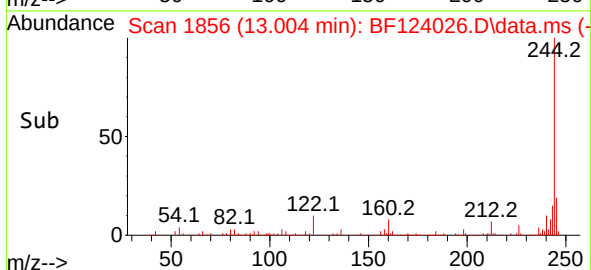
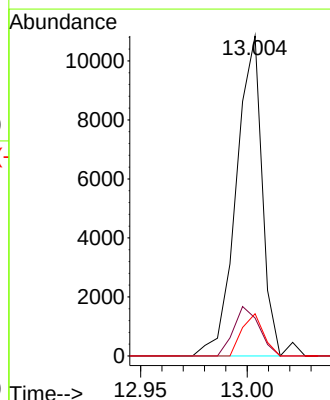
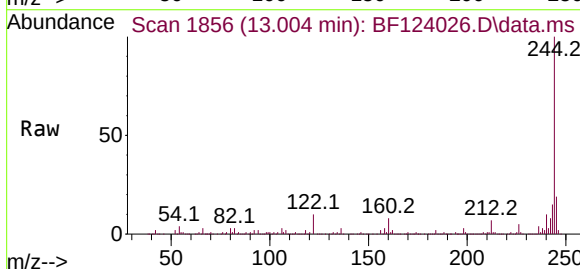
Tgt Ion:184 Resp: 9095

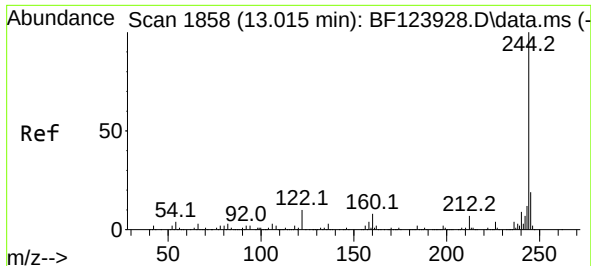
Ion Ratio Lower Upper

184 100

185 11.9 12.1 18.1#

183 13.2 7.8 11.8#

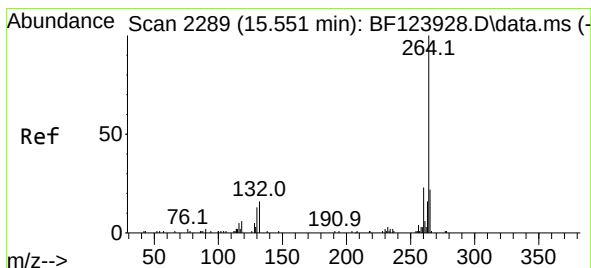
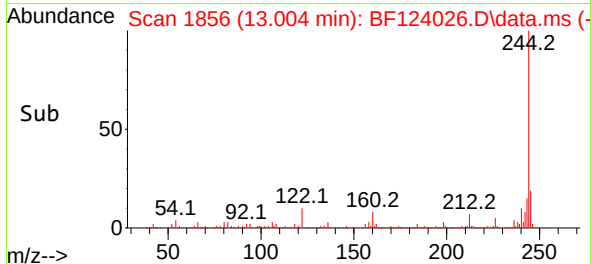
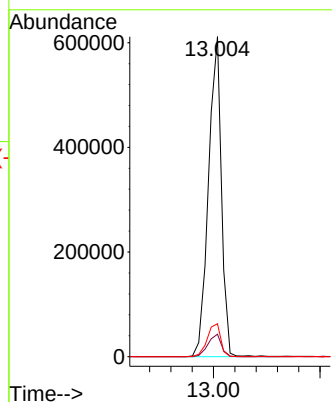
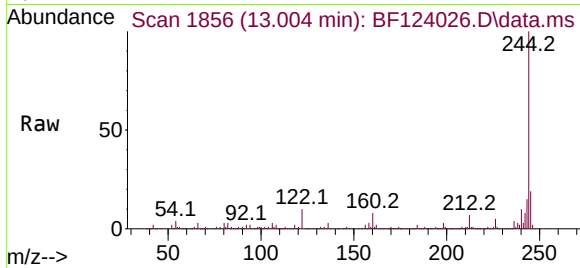




#79
 Terphenyl-d14
 Concen: 49.42 ng
 RT: 13.004 min Scan# 1856
 Delta R.T. -0.012 min
 Lab File: BF124026.D
 Acq: 21 May 2021 19:26

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-052021

Tgt Ion:244 Resp: 516293
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.7 8.5
 122 10.3 9.7 14.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.545 min Scan# 2288
 Delta R.T. -0.006 min
 Lab File: BF124026.D
 Acq: 21 May 2021 19:26

Tgt Ion:264 Resp: 147603
 Ion Ratio Lower Upper
 264 100
 260 24.1 18.7 28.1
 265 21.1 17.8 26.8

