

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125623.D
 Acq On : 24 Sep 2021 16:23
 Operator : JU/CG
 Sample : PB139349TB
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139349TB

Quant Time: Sep 24 17:35:50 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 24 15:38:32 2021
 Response via : Initial Calibration

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

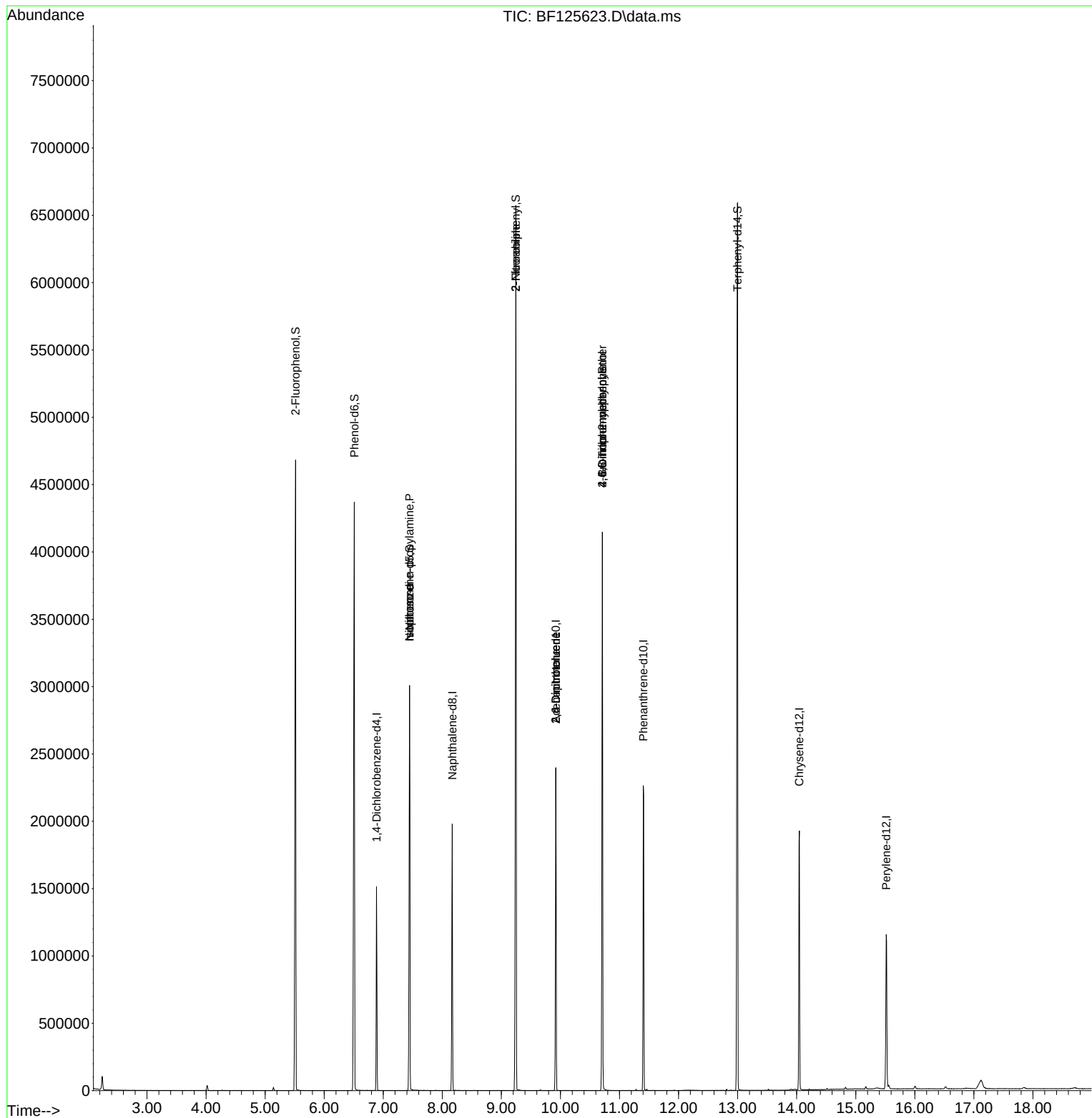
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	216251	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	904917	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	494856	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	881173	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	686658	20.000	ng	0.00
86) Perylene-d12	15.515	264	524173	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1529016	116.492	ng	0.01
7) Phenol-d6	6.510	99	1864664	105.670	ng	0.00
23) Nitrobenzene-d5	7.445	82	1111734	85.692	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	543739	117.848	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2210629	79.384	ng	0.00
79) Terphenyl-d14	12.998	244	2420527	61.046	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.510	77	2598	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	139424	13.877	ng	# 52
25) Isophorone	7.445	82	1109245	38.177	ng	# 59
48) 2-Nitroaniline	9.245	65	3361	4.588	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	61206	12.356	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	61206	11.305	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1207	9.242	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	30032	3.248	ng	# 1

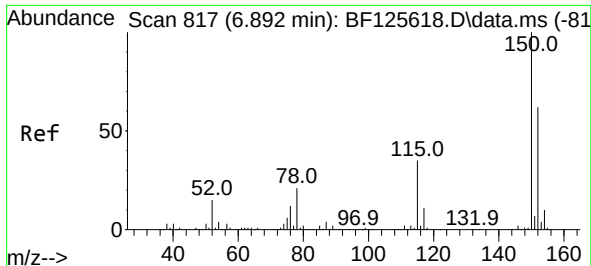
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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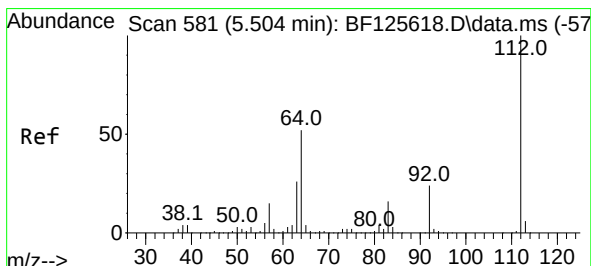
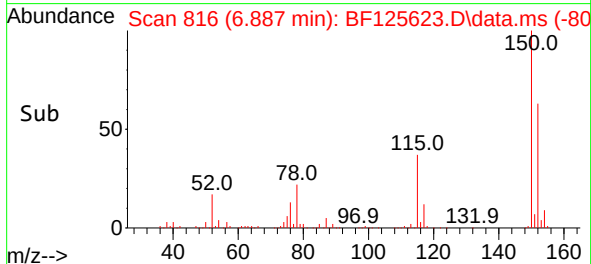
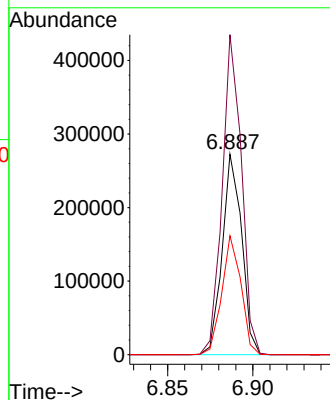
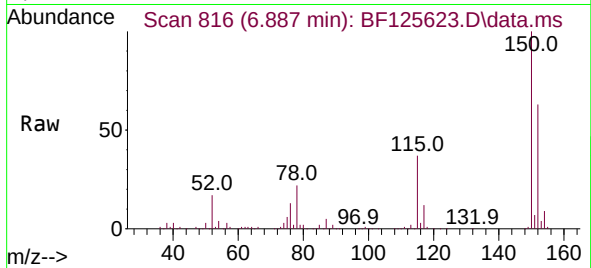




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

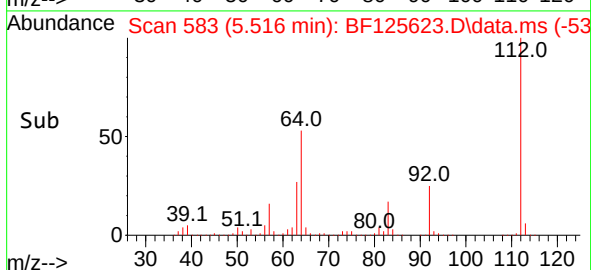
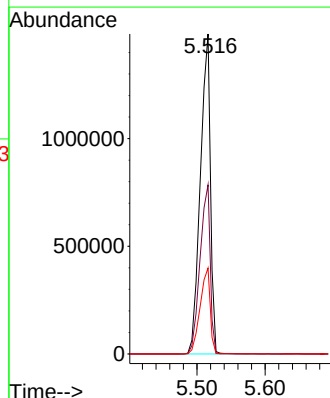
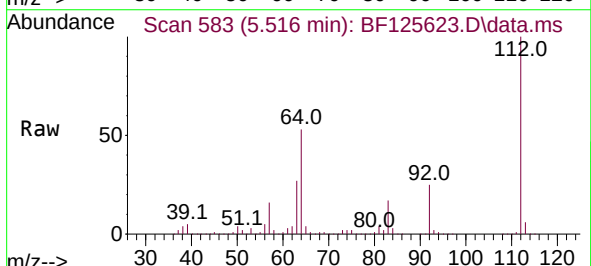
Instrument :
BNA_F
ClientSampleId :
PB139349TB

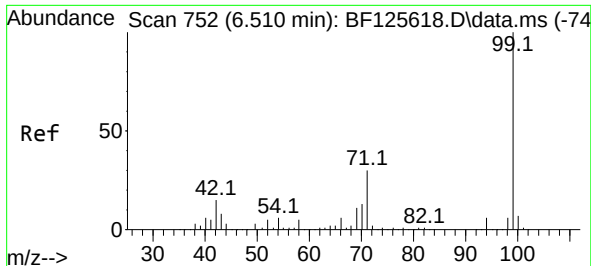
Tgt Ion:152 Resp: 216251
Ion Ratio Lower Upper
152 100
150 159.6 117.6 176.4
115 59.3 47.1 70.7



#5
2-Fluorophenol
Concen: 116.492 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

Tgt Ion:112 Resp: 1529016
Ion Ratio Lower Upper
112 100
64 52.9 44.2 66.2
63 26.8 26.2 39.2

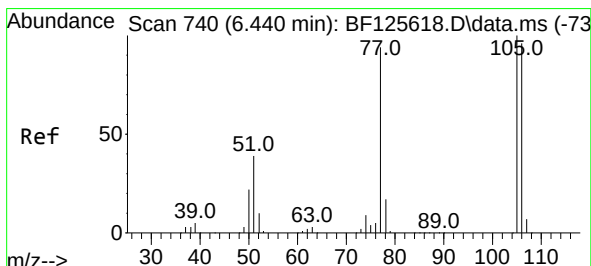
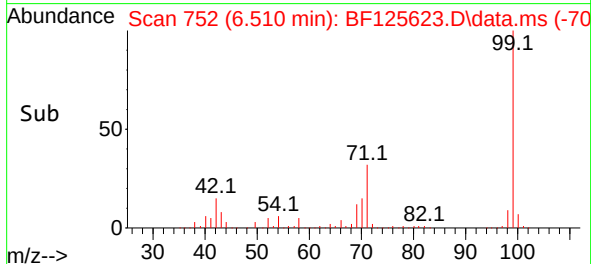
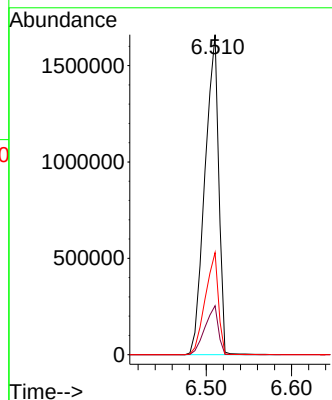
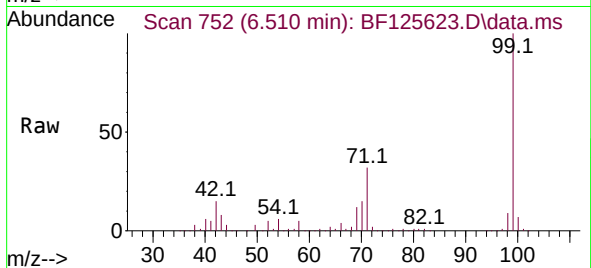




#7
Phenol-d6
Concen: 105.670 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

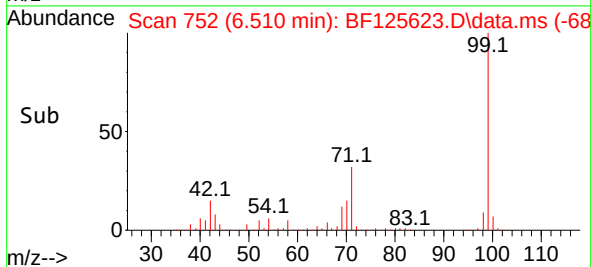
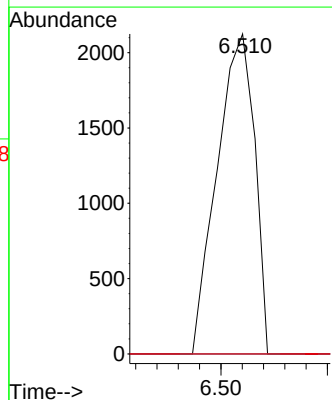
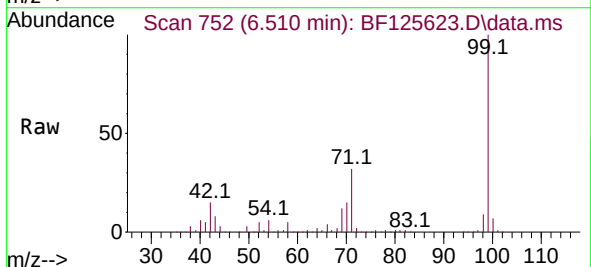
Instrument :
BNA_F
ClientSampleId :
PB139349TB

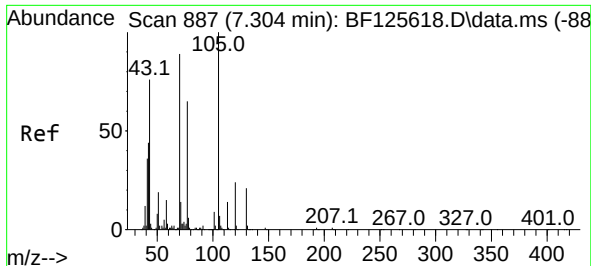
Tgt Ion: 99 Resp: 1864664
Ion Ratio Lower Upper
99 100
42 15.3 23.5 35.3#
71 31.9 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

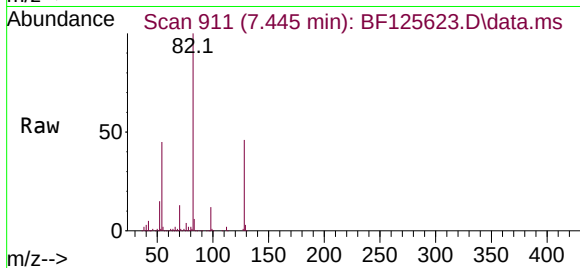
Tgt Ion: 77 Resp: 2598
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



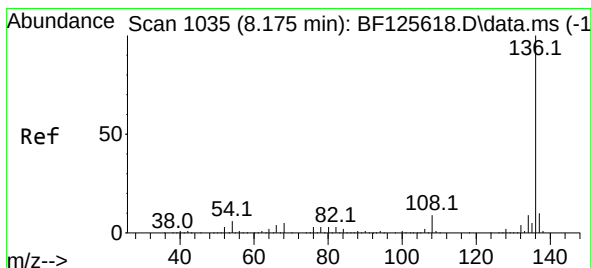
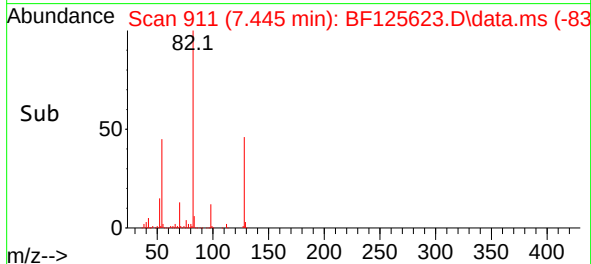
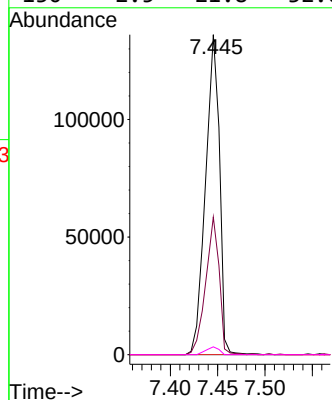


#19
n-Nitroso-di-n-propylamine
Concen: 13.877 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

Instrument :
BNA_F
ClientSampleId :
PB139349TB

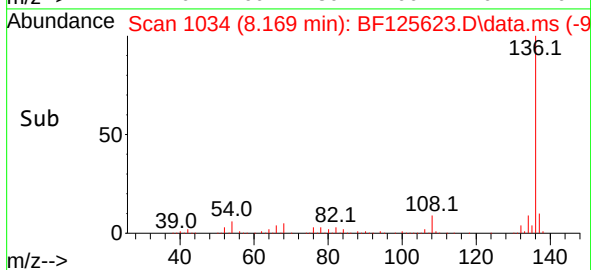
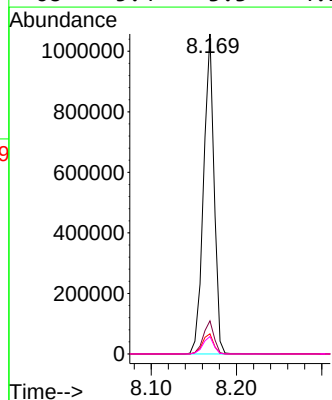
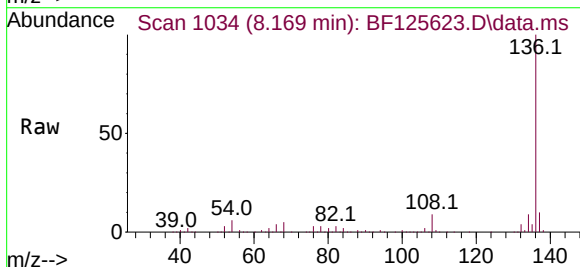


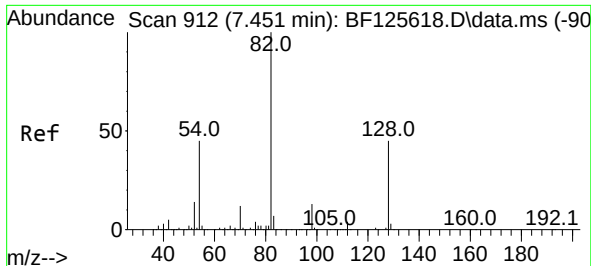
Tgt Ion: 70 Resp: 139424
Ion Ratio Lower Upper
70 100
42 43.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

Tgt Ion: 136 Resp: 904917
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 6.3 6.4 9.6#
68 5.4 3.3 4.9#

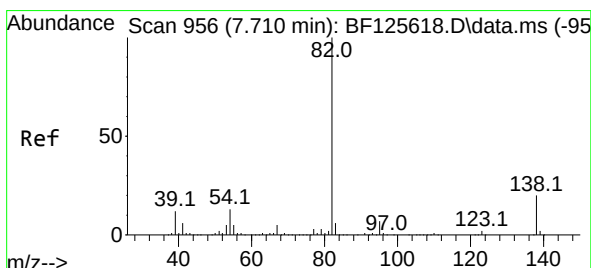
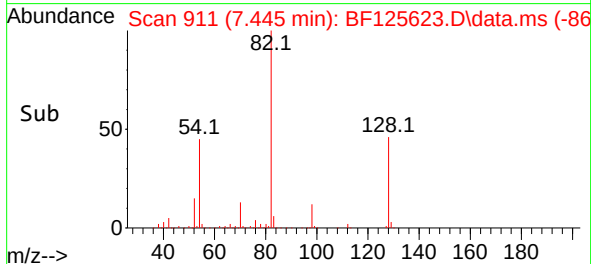
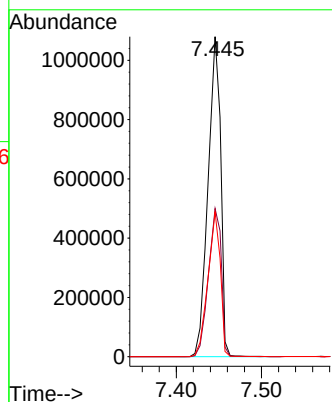
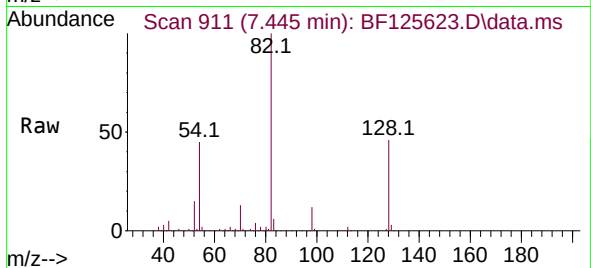




#23
Nitrobenzene-d5
Concen: 85.692 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

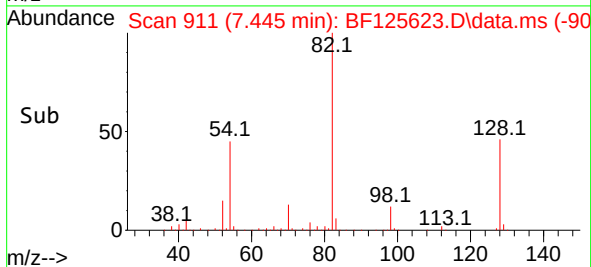
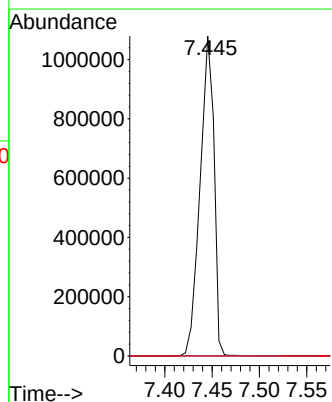
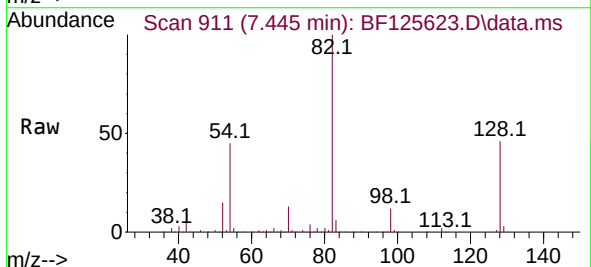
Instrument :
BNA_F
ClientSampleId :
PB139349TB

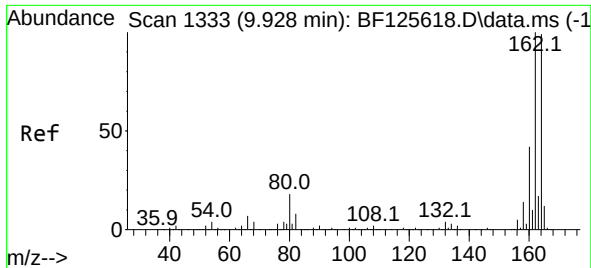
Tgt Ion: 82 Resp: 1111734
Ion Ratio Lower Upper
82 100
128 46.3 40.6 60.8
54 45.3 49.6 74.4#



#25
Isophorone
Concen: 38.177 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

Tgt Ion: 82 Resp: 1109245
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1332

Delta R.T. -0.006 min

Lab File: BF125623.D

Acq: 24 Sep 2021 16:23

Instrument :

BNA_F

ClientSampleId :

PB139349TB

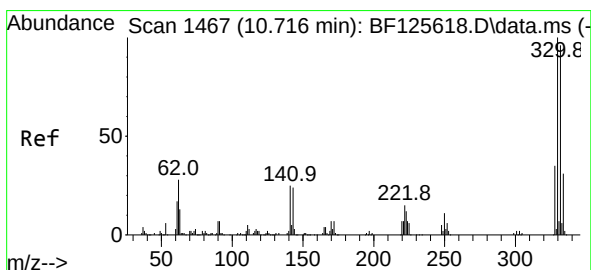
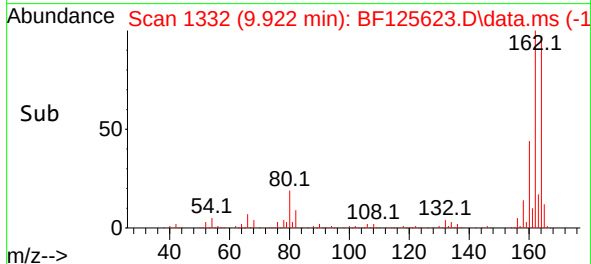
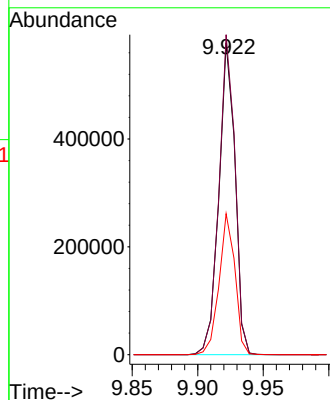
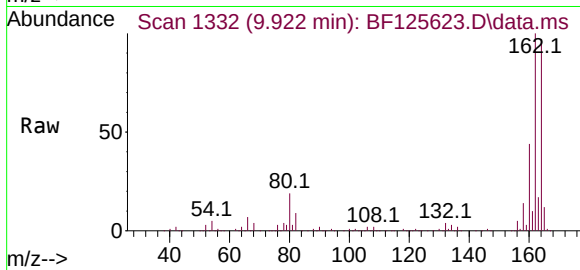
Tgt Ion:164 Resp: 494856

Ion Ratio Lower Upper

164 100

162 102.6 81.3 121.9

160 45.2 38.0 57.0



#42

2,4,6-Tribromophenol

Concen: 117.848 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF125623.D

Acq: 24 Sep 2021 16:23

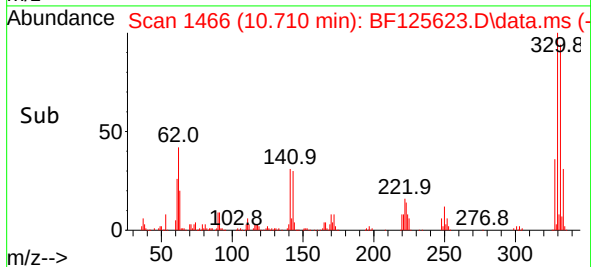
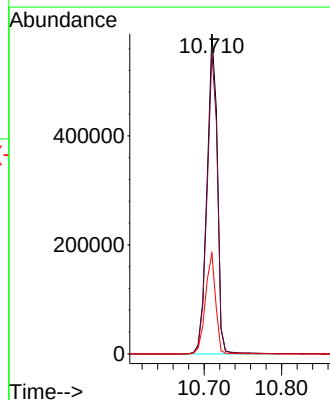
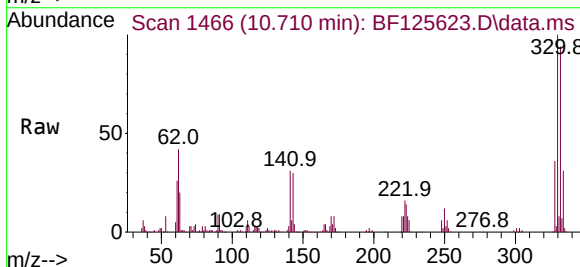
Tgt Ion:330 Resp: 543739

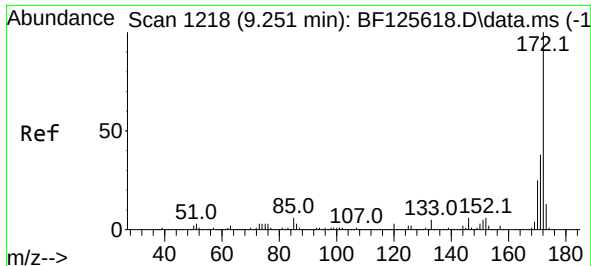
Ion Ratio Lower Upper

330 100

332 94.8 76.2 114.4

141 31.2 44.6 66.8#

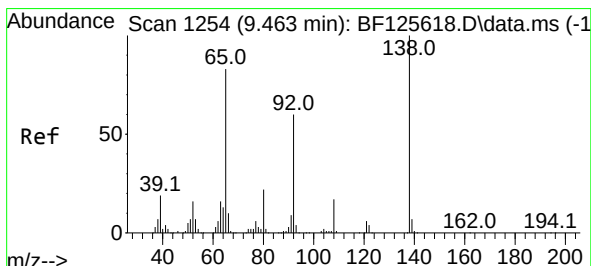
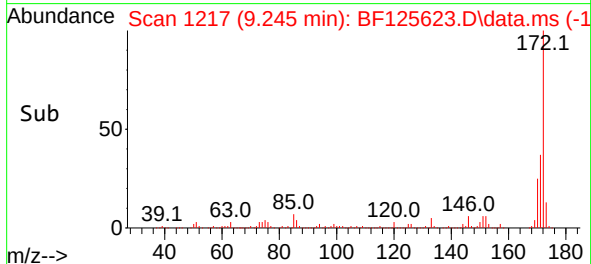
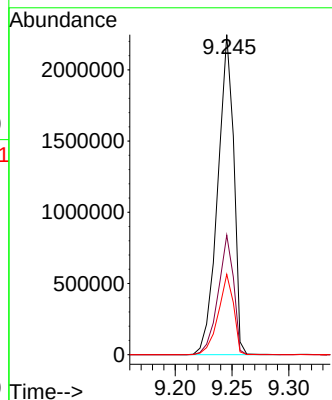
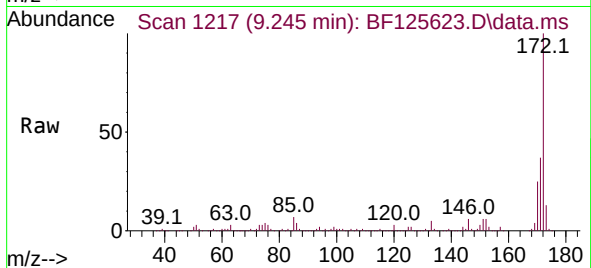




#45
2-Fluorobiphenyl
Concen: 79.384 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

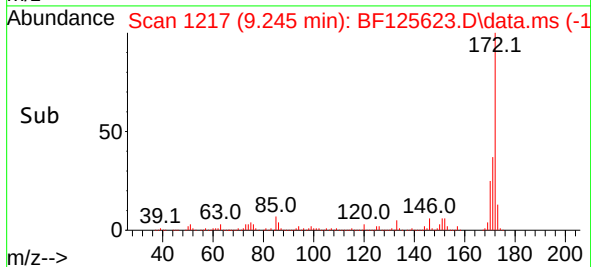
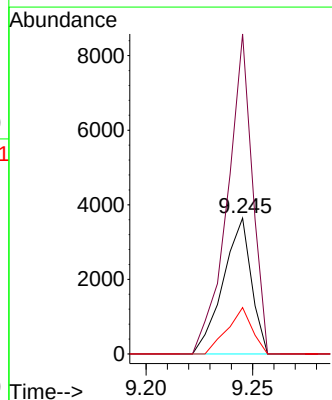
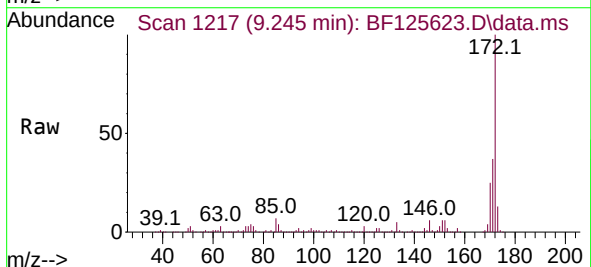
Instrument :
BNA_F
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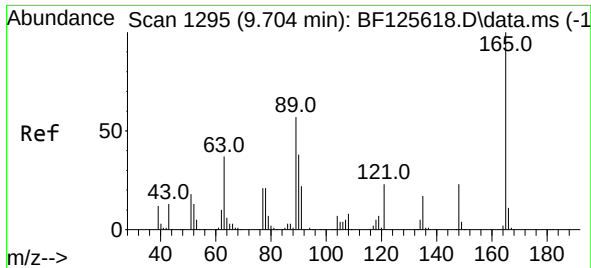
Tgt Ion:172 Resp: 2210629
Ion Ratio Lower Upper
172 100
171 37.4 26.5 39.7
170 25.1 18.8 28.2



#48
2-Nitroaniline
Concen: 4.588 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

Tgt Ion: 65 Resp: 3361
Ion Ratio Lower Upper
65 100
92 235.4 55.5 83.3#
138 34.2 93.5 140.3#

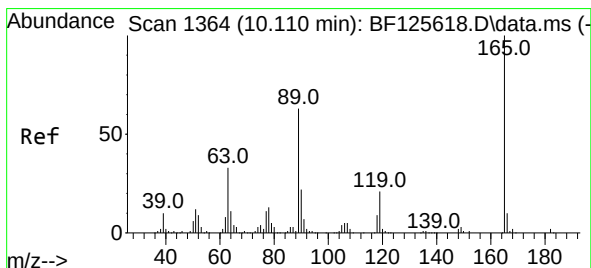
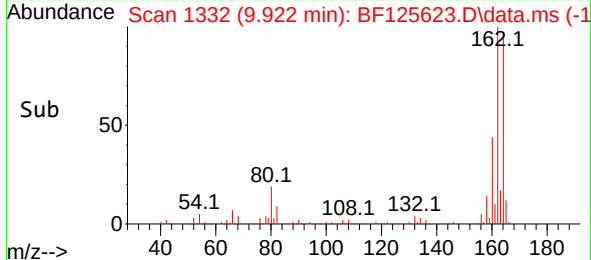
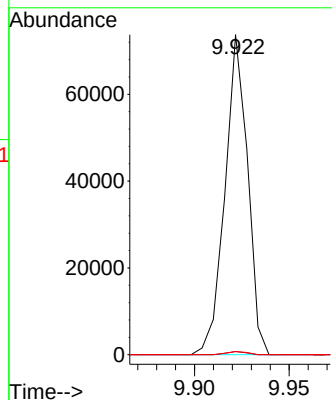
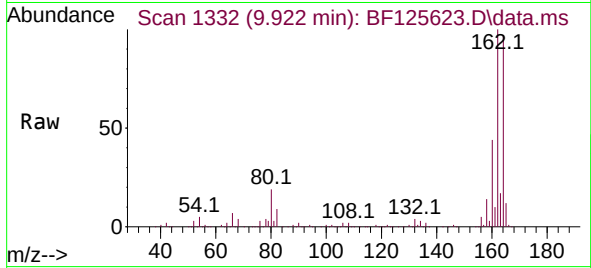




#51
2,6-Dinitrotoluene
Concen: 12.356 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

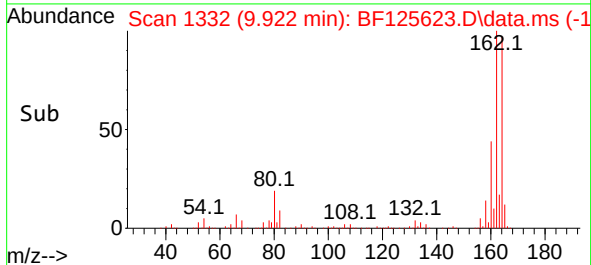
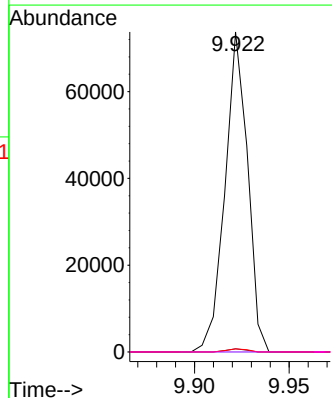
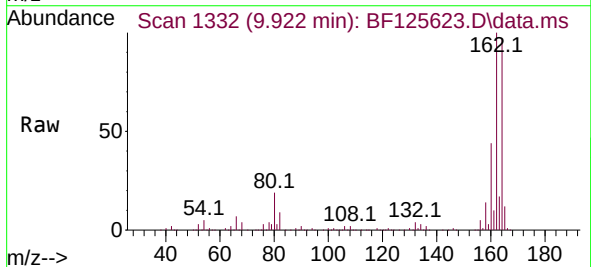
Instrument :
BNA_F
ClientSampleId :
PB139349TB

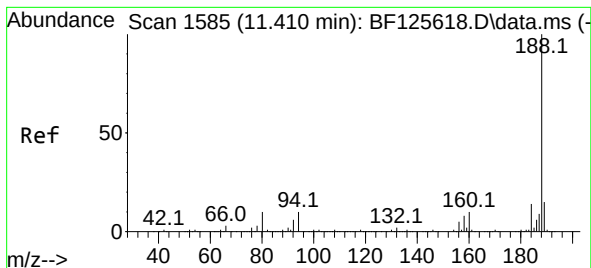
Tgt Ion:165 Resp: 61206
Ion Ratio Lower Upper
165 100
63 1.0 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.305 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

Tgt Ion:165 Resp: 61206
Ion Ratio Lower Upper
165 100
63 1.0 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

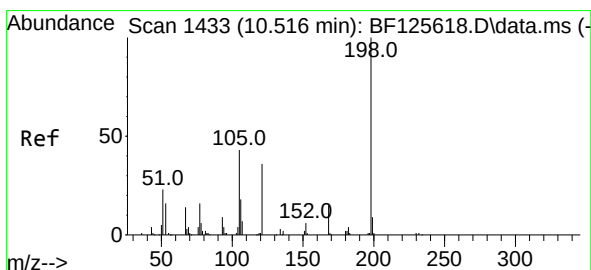
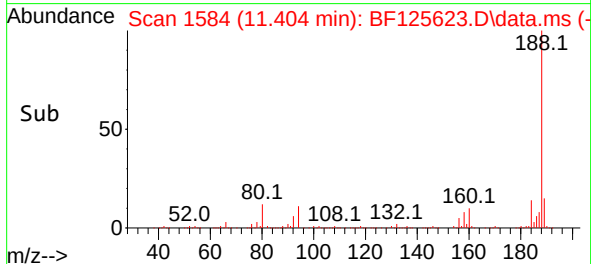
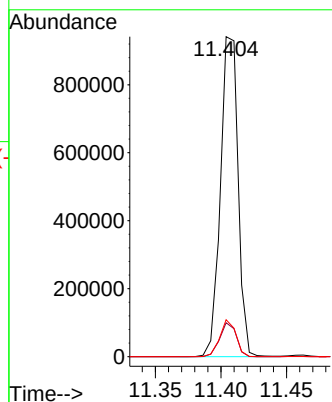
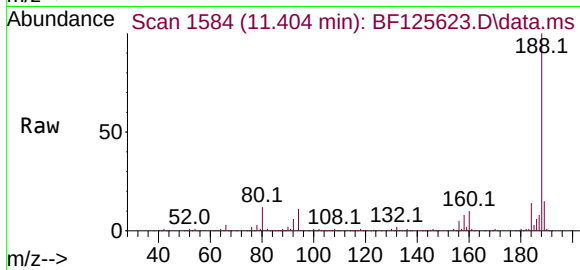




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

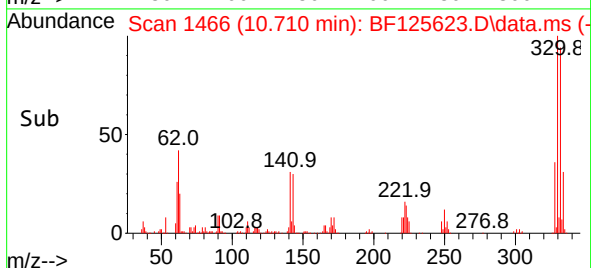
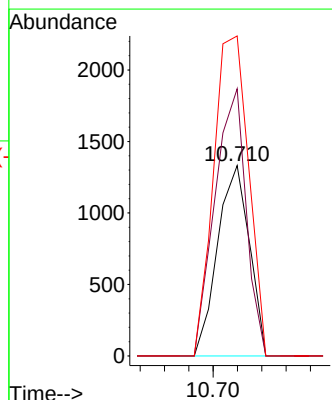
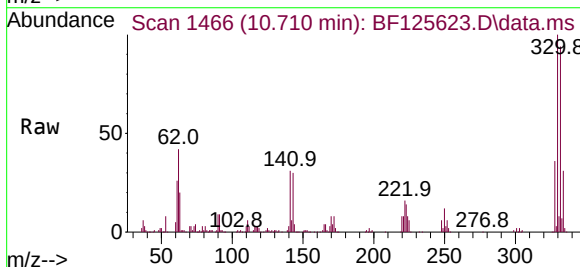
Instrument :
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ClientSampleId :
PB139349TB

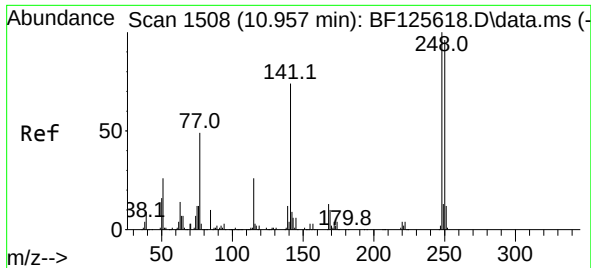
Tgt Ion:188 Resp: 881173
Ion Ratio Lower Upper
188 100
94 10.6 6.7 10.1#
80 11.5 7.5 11.3#



#65
4,6-Dinitro-2-methylphenol
Concen: 9.242 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

Tgt Ion:198 Resp: 1207
Ion Ratio Lower Upper
198 100
51 140.3 45.3 85.3#
105 168.0 30.6 70.6#

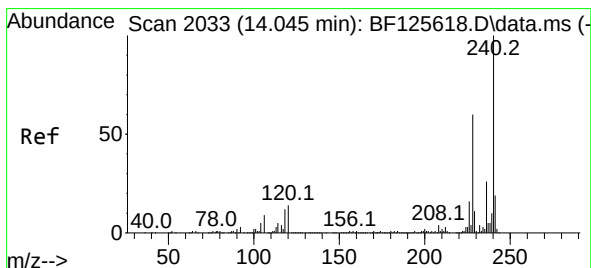
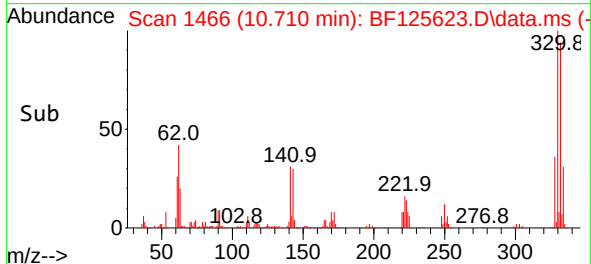
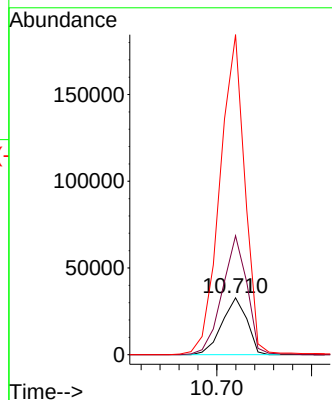
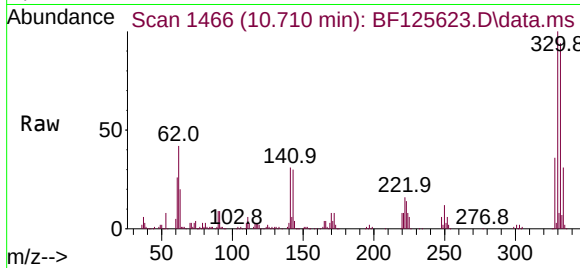




#67
4-Bromophenyl-phenylether
Concen: 3.248 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

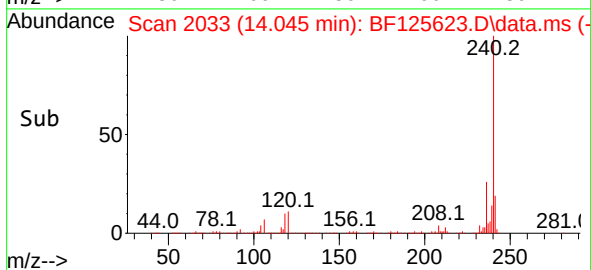
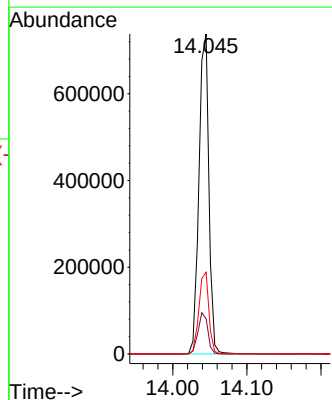
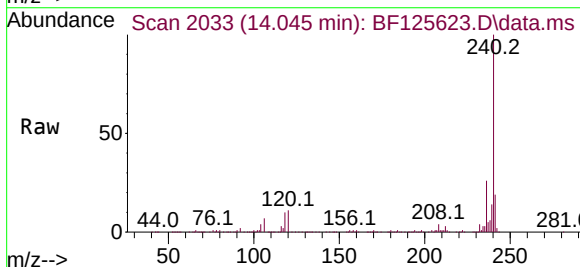
Instrument :
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ClientSampleId :
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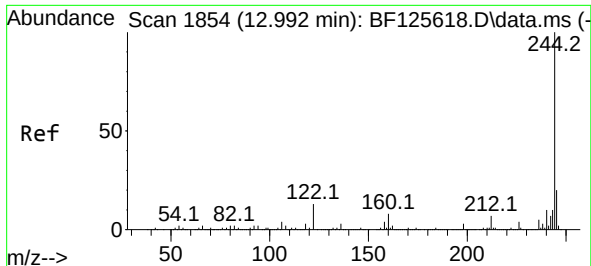
Tgt Ion:248 Resp: 30032
Ion Ratio Lower Upper
248 100
250 209.4 74.2 111.4#
141 563.6 60.4 90.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125623.D
Acq: 24 Sep 2021 16:23

Tgt Ion:240 Resp: 686658
Ion Ratio Lower Upper
240 100
120 11.0 10.8 16.2
236 25.5 21.6 32.4

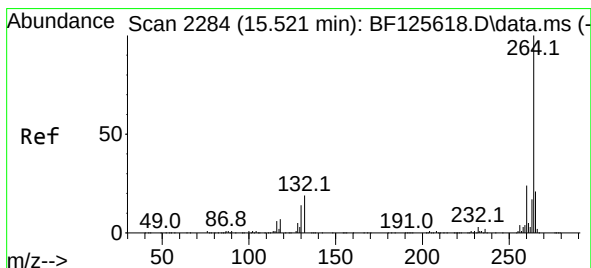
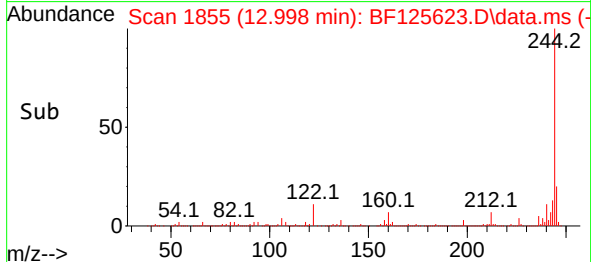
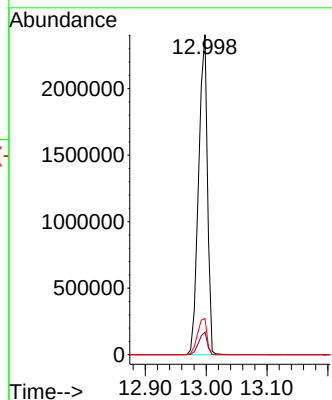
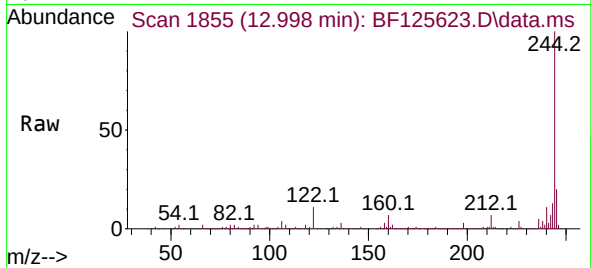




#79
 Terphenyl-d14
 Concen: 61.046 ng
 RT: 12.998 min Scan# 1855
 Delta R.T. 0.006 min
 Lab File: BF125623.D
 Acq: 24 Sep 2021 16:23

Instrument :
 BNA_F
 ClientSampleId :
 PB139349TB

Tgt Ion:244 Resp: 2420527
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 11.3 9.0 13.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.515 min Scan# 2283
 Delta R.T. -0.006 min
 Lab File: BF125623.D
 Acq: 24 Sep 2021 16:23

Tgt Ion:264 Resp: 524173
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.6 29.4
 265 21.5 17.2 25.8

