

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125699.D
 Acq On : 28 Sep 2021 20:43
 Operator : JU/CG
 Sample : M3961-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-09(5-2.5)

Quant Time: Sep 29 02:21:26 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)

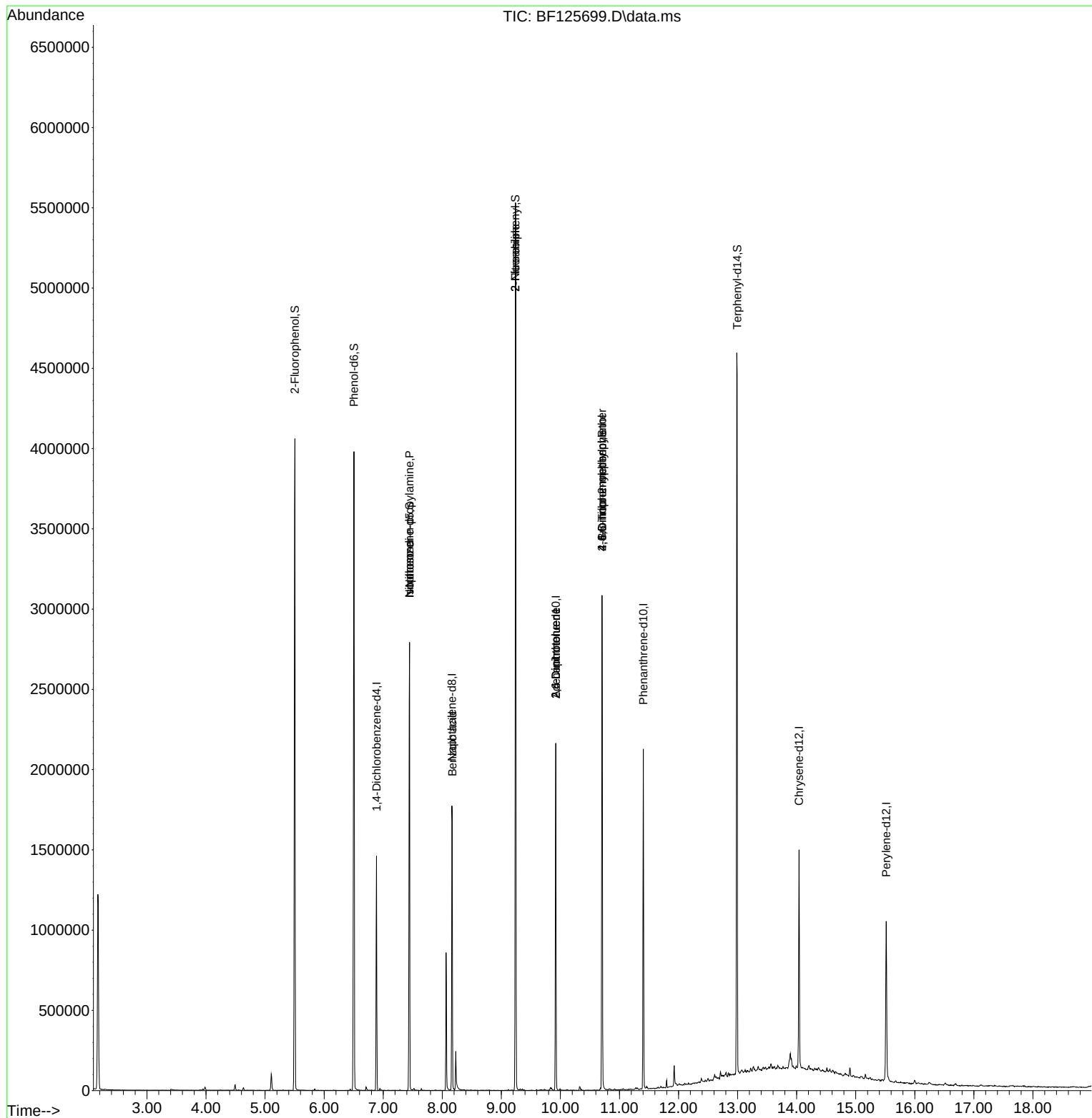
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	204583	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	833497	20.000	ng	#-0.01
39) Acenaphthene-d10	9.922	164	419945	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	709098	20.000	ng	0.00
76) Chrysene-d12	14.039	240	439040	20.000	ng	0.00
86) Perylene-d12	15.515	264	431532	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1270047	102.280	ng	0.00
7) Phenol-d6	6.504	99	1558609	93.363	ng	0.00
23) Nitrobenzene-d5	7.445	82	897779	75.130	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	388772	99.292	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1736896	72.321	ng	-0.01
79) Terphenyl-d14	12.992	244	1618786	63.852	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.504	77	1922	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	111491	11.730	ng	# 51
25) Isophorone	7.445	82	897769	33.546	ng	# 59
32) Benzoic acid	8.169	122	115	8.639	ng	# 1
48) 2-Nitroaniline	9.239	65	2285	4.502	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	53535	12.609	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	53535	11.505	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	718	9.182	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	22100	2.970	ng	# 1

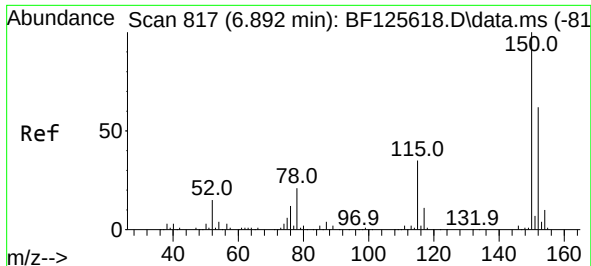
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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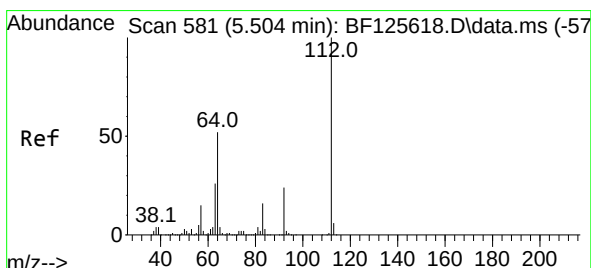
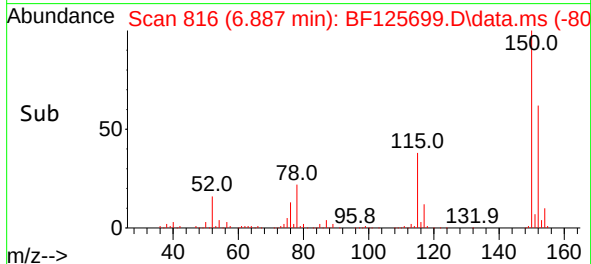
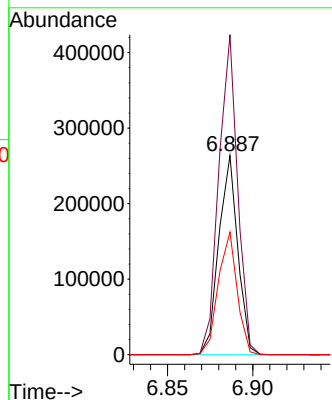
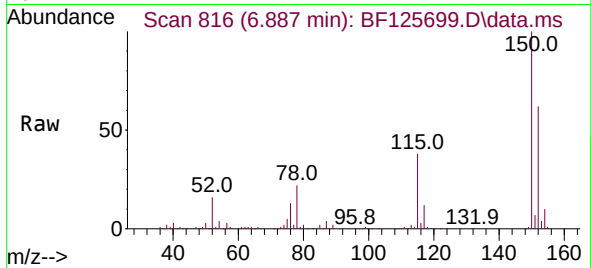




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

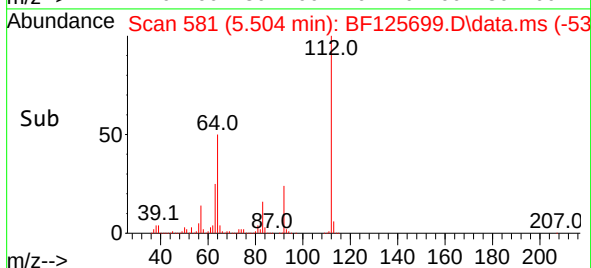
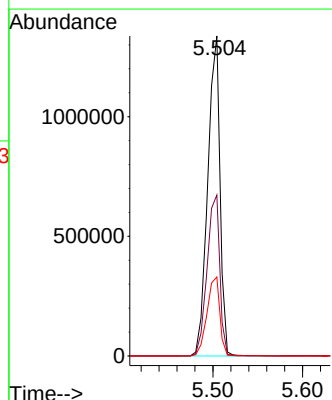
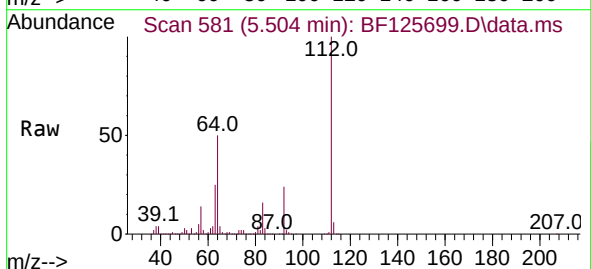
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(5-2.5)

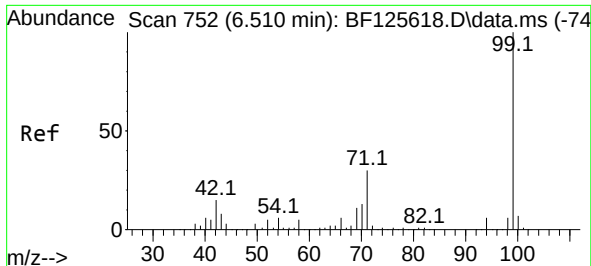
Tgt Ion:152 Resp: 204583
Ion Ratio Lower Upper
152 100
150 160.7 117.6 176.4
115 61.6 47.1 70.7



#5
2-Fluorophenol
Concen: 102.280 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

Tgt Ion:112 Resp: 1270047
Ion Ratio Lower Upper
112 100
64 50.3 44.2 66.2
63 24.7 26.2 39.2#

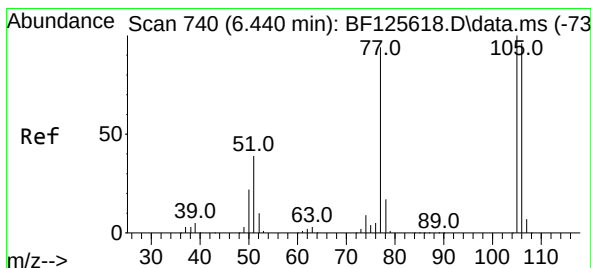
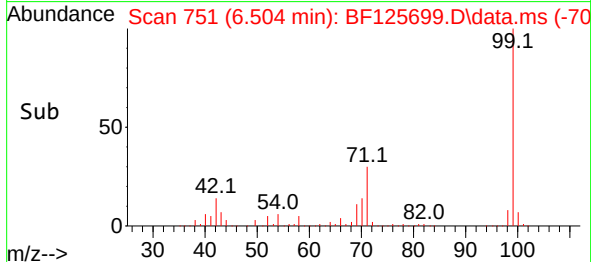
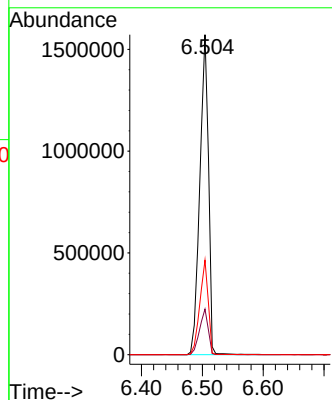
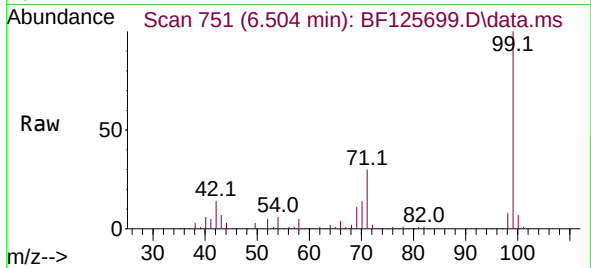




#7
Phenol-d6
Concen: 93.363 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

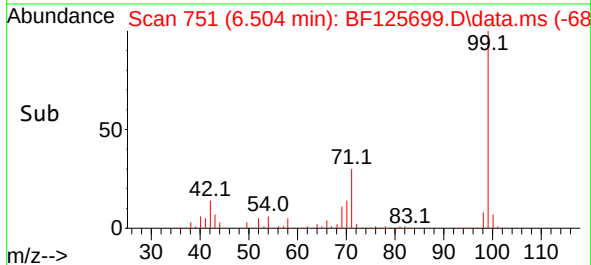
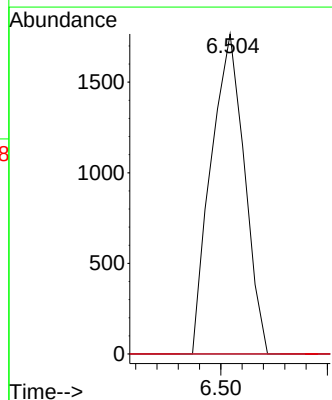
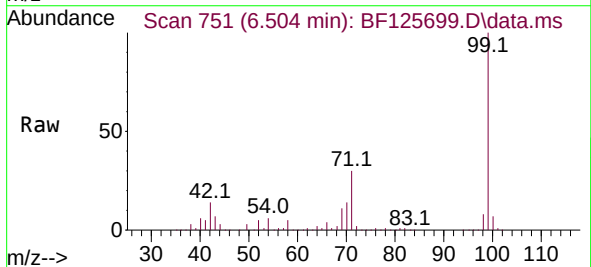
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(5-2.5)

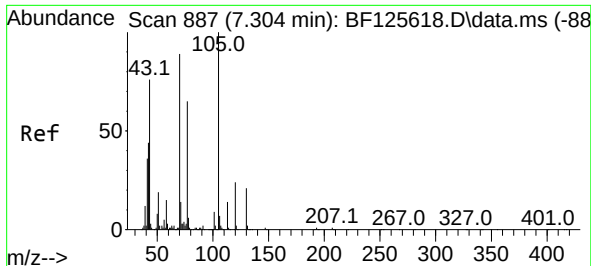
Tgt Ion: 99 Resp: 1558609
Ion Ratio Lower Upper
99 100
42 14.3 23.5 35.3#
71 29.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

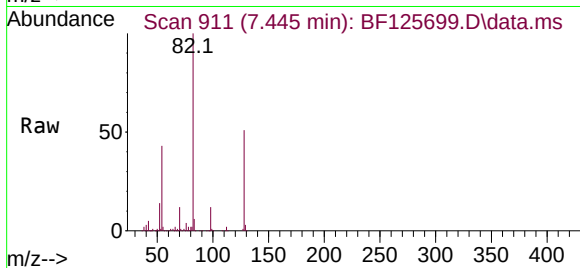
Tgt Ion: 77 Resp: 1922
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



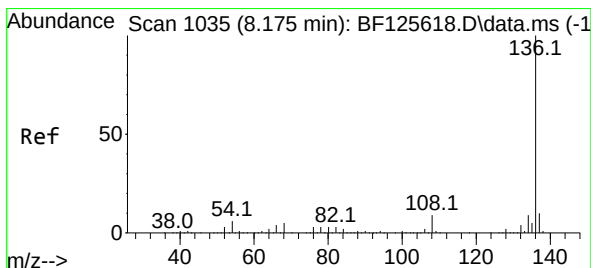
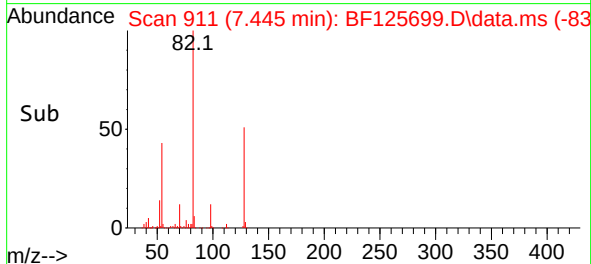
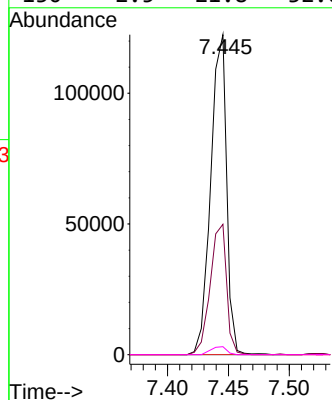


#19
n-Nitroso-di-n-propylamine
Concen: 11.730 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(5-2.5)

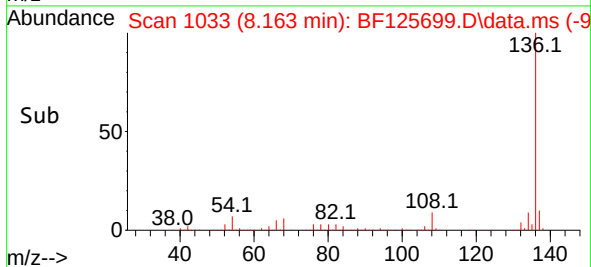
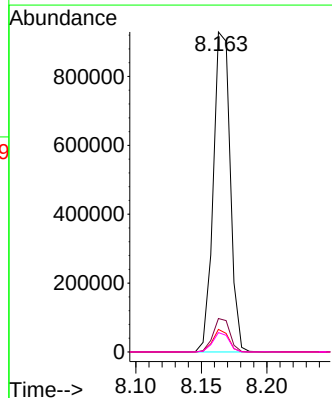
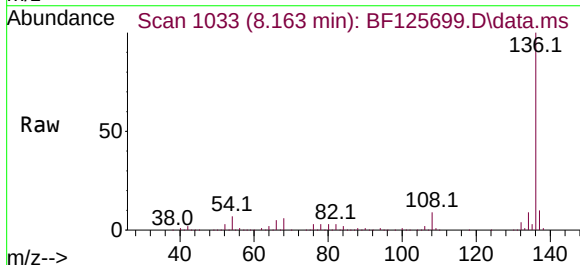


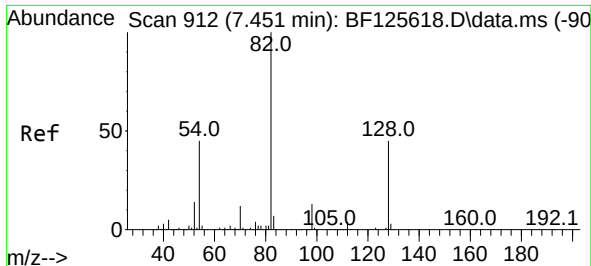
Tgt Ion: 70 Resp: 111491
Ion Ratio Lower Upper
70 100
42 40.8 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

Tgt Ion: 136 Resp: 833497
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 7.0 6.4 9.6
68 6.0 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 75.130 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125699.D

Acq: 28 Sep 2021 20:43

Instrument :

BNA_F

ClientSampleId :

SUB-SLAB-09(5-2.5)

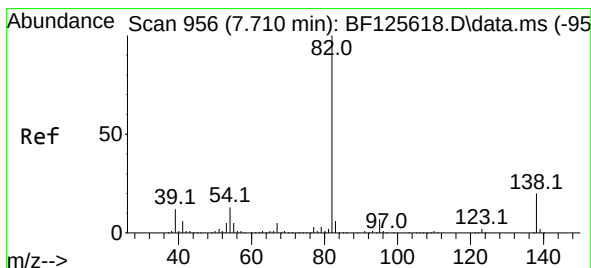
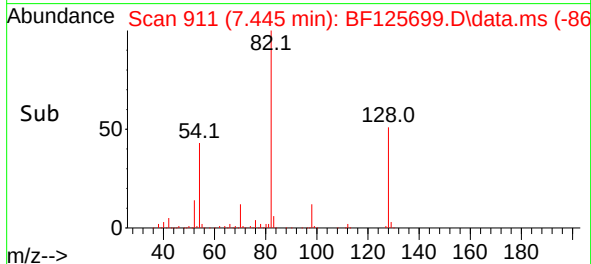
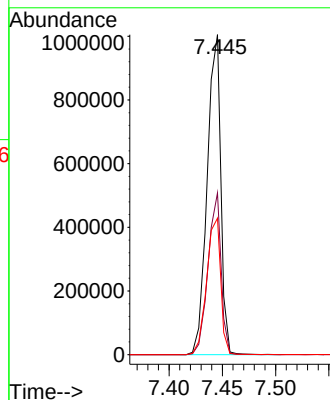
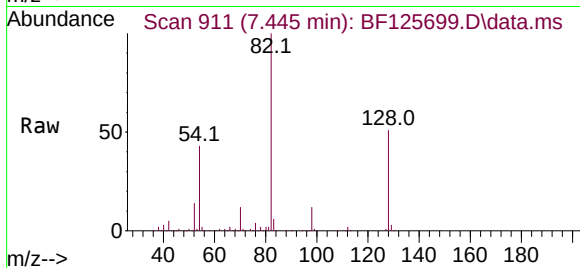
Tgt Ion: 82 Resp: 897779

Ion Ratio Lower Upper

82 100

128 50.6 40.6 60.8

54 42.6 49.6 74.4#



#25

Isophorone

Concen: 33.546 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125699.D

Acq: 28 Sep 2021 20:43

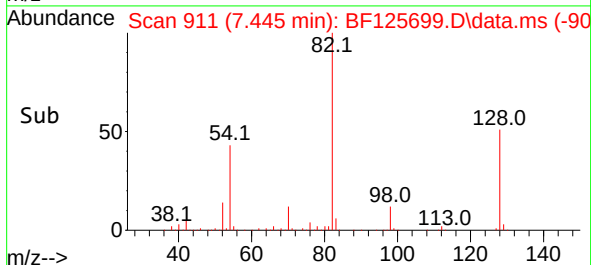
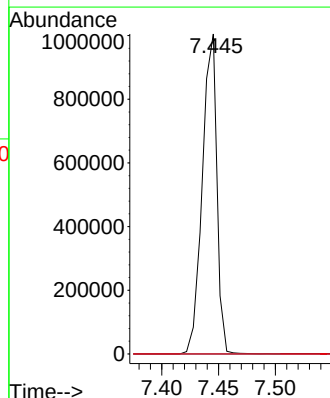
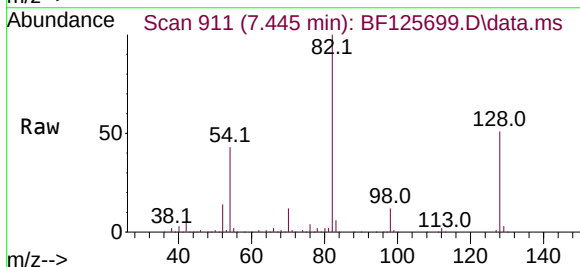
Tgt Ion: 82 Resp: 897769

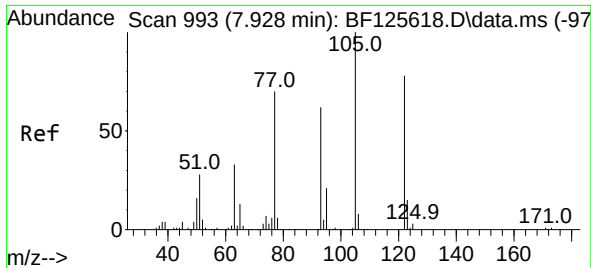
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

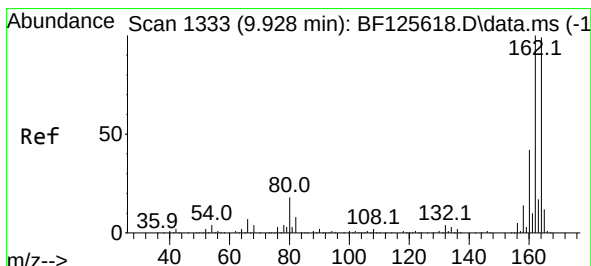
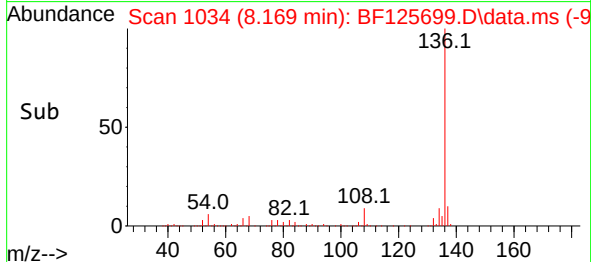
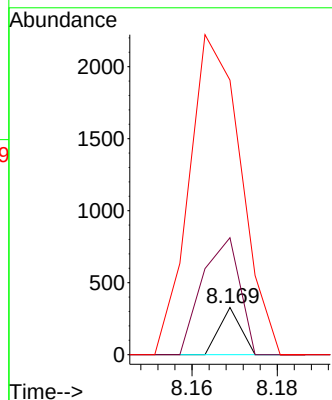
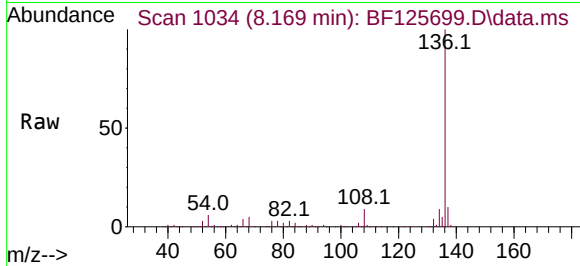




#32
Benzoic acid
Concen: 8.639 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.241 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

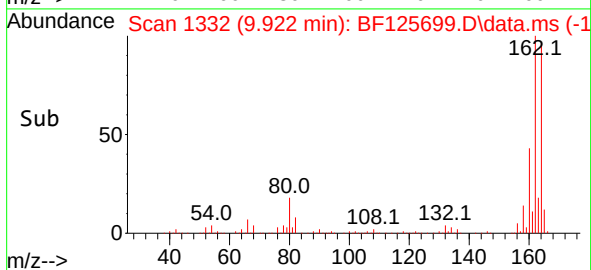
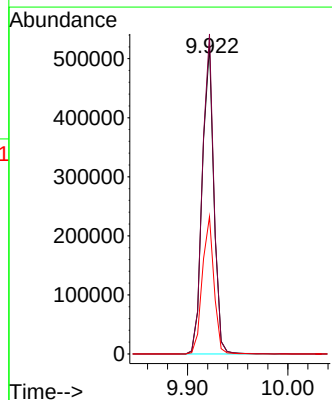
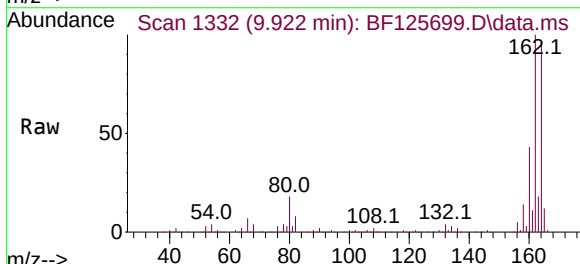
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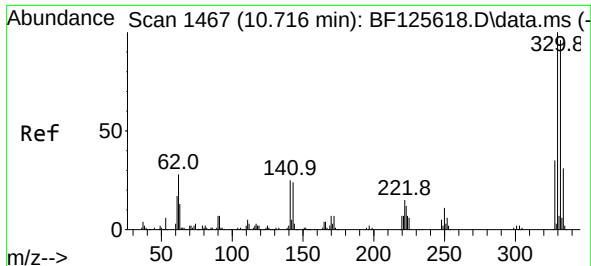
Tgt Ion:122 Resp: 115
Ion Ratio Lower Upper
122 100
105 248.3 97.6 137.6#
77 582.9 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

Tgt Ion:164 Resp: 419945
Ion Ratio Lower Upper
164 100
162 103.8 81.3 121.9
160 44.5 38.0 57.0

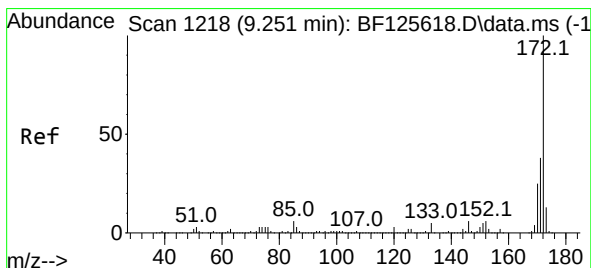
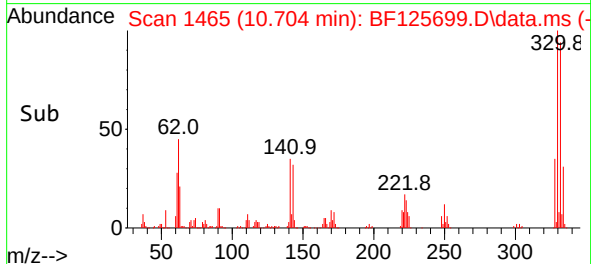
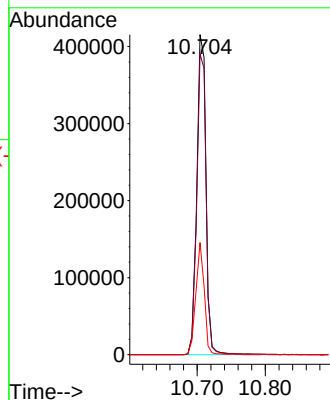
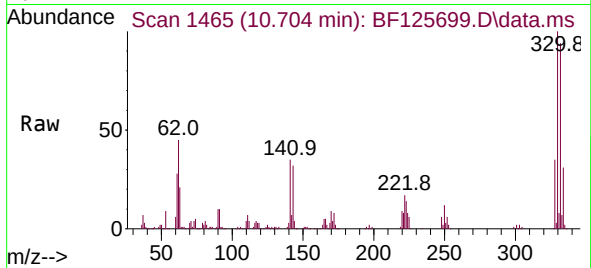




#42
2,4,6-Tribromophenol
Concen: 99.292 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

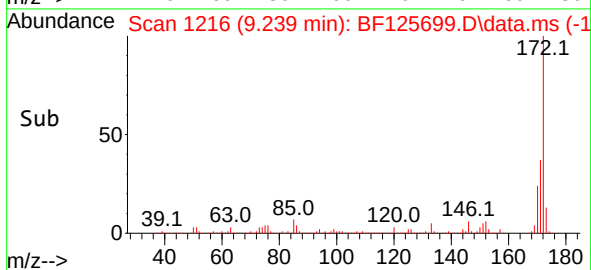
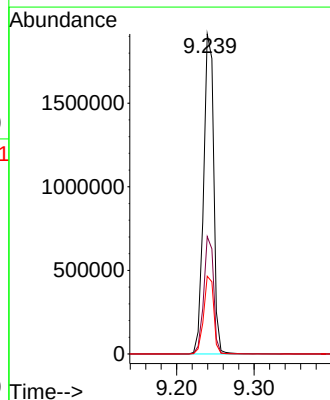
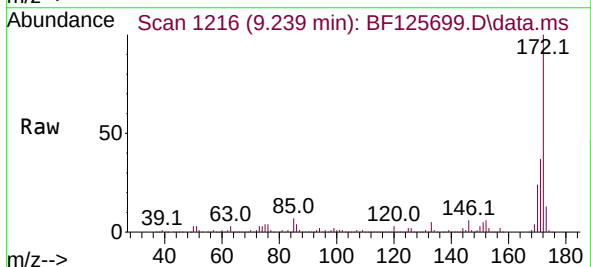
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SUB-SLAB-09(5-2.5)

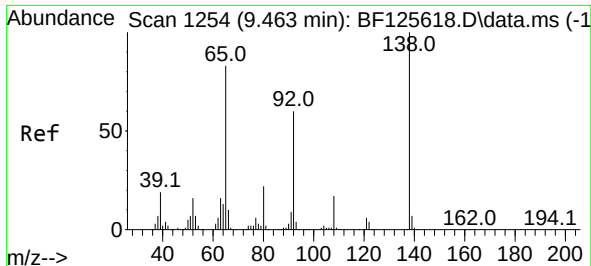
Tgt Ion:330 Resp: 388772
Ion Ratio Lower Upper
330 100
332 94.8 76.2 114.4
141 32.3 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 72.321 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

Tgt Ion:172 Resp: 1736896
Ion Ratio Lower Upper
172 100
171 36.7 26.5 39.7
170 24.3 18.8 28.2

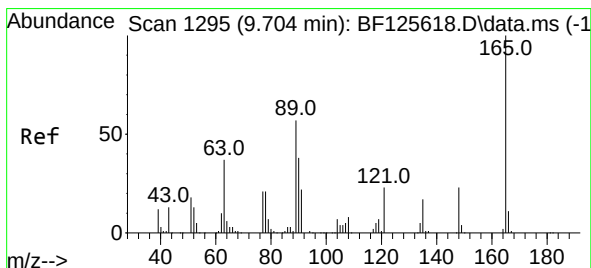
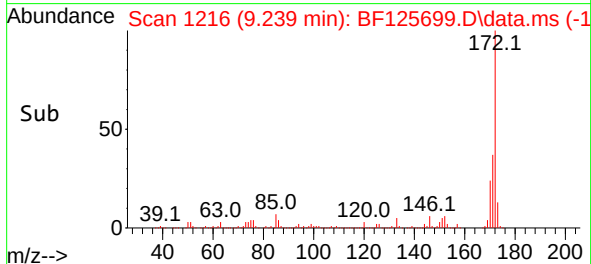
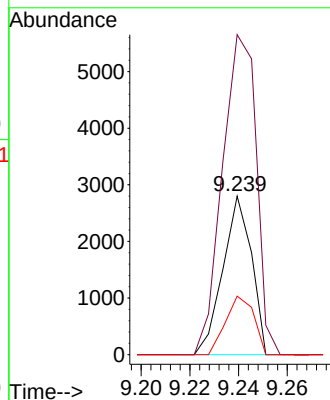
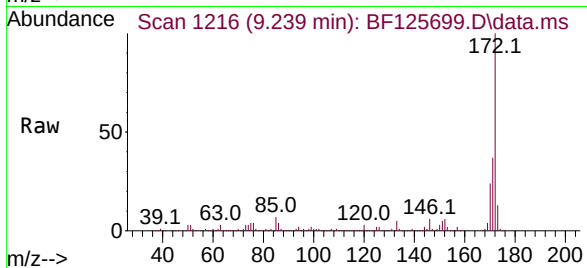




#48
2-Nitroaniline
Concen: 4.502 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

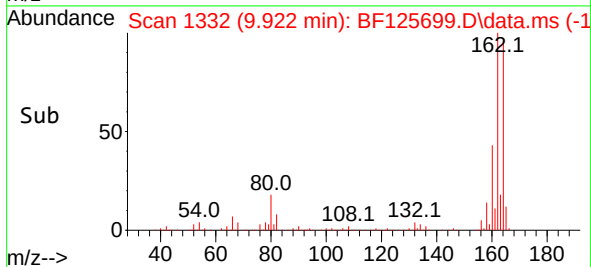
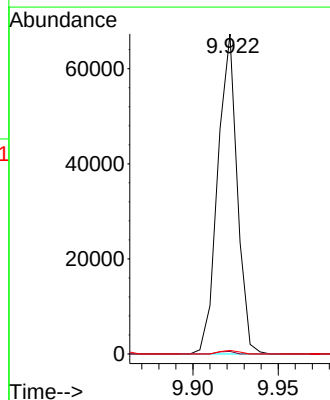
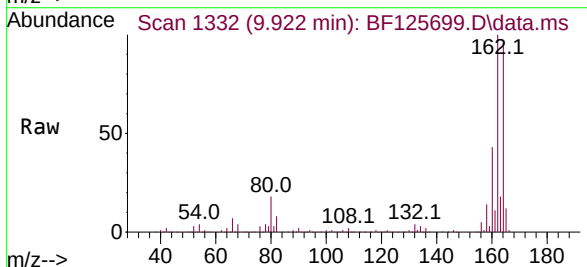
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(5-2.5)

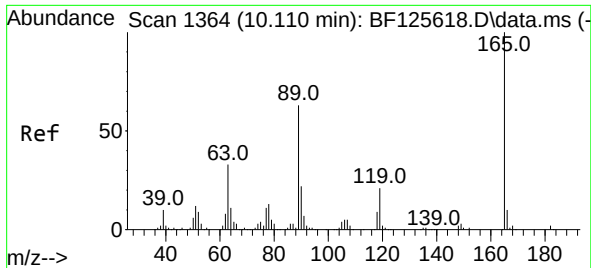
Tgt Ion: 65 Resp: 2285
Ion Ratio Lower Upper
65 100
92 201.9 55.5 83.3#
138 36.9 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.609 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

Tgt Ion: 165 Resp: 53535
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 1.1 40.6 60.8#

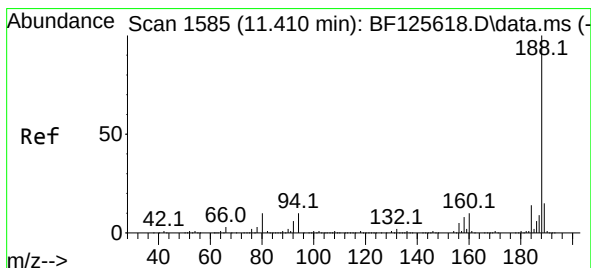
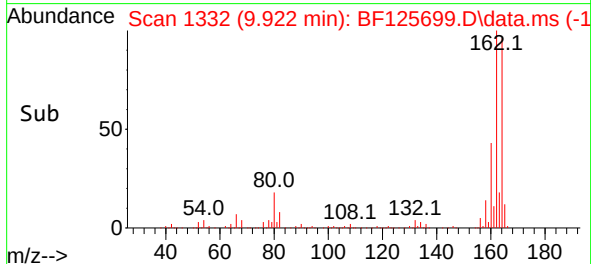
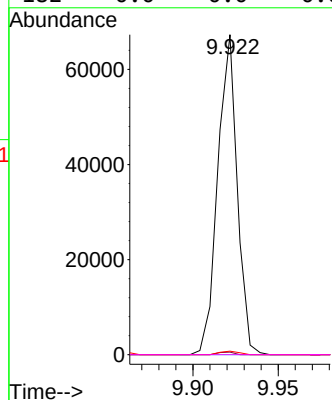
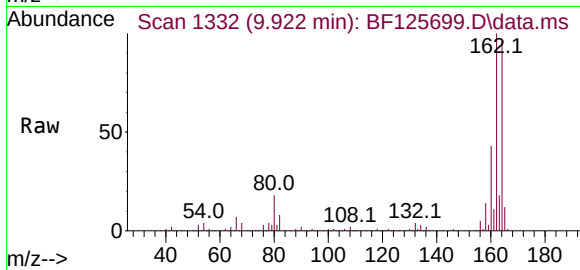




#57
2,4-Dinitrotoluene
Concen: 11.505 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

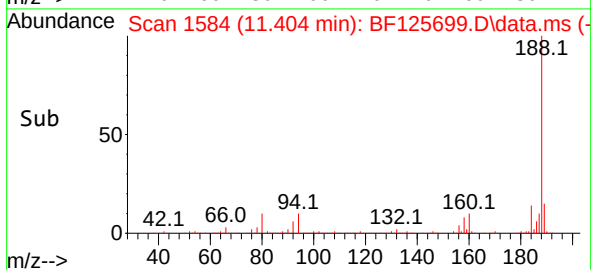
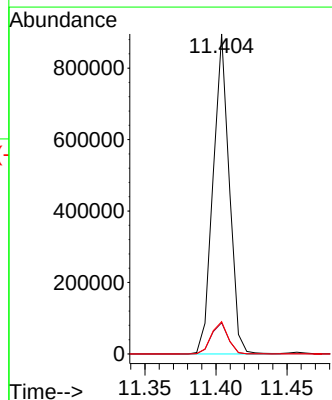
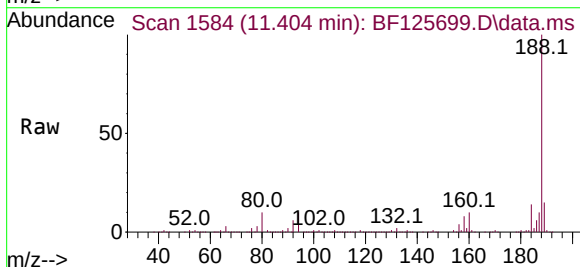
Instrument :
BNA_F
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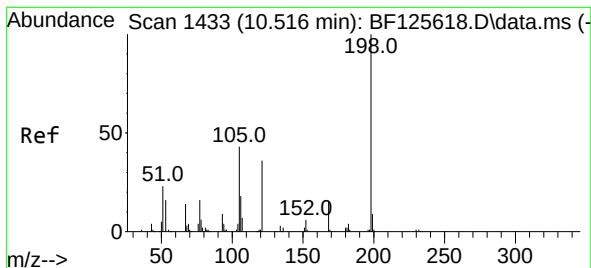
Tgt Ion:165	Resp:	53535
Ion Ratio	Lower	Upper
165	100	
63	0.8	40.9 61.3#
89	1.1	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

Tgt Ion:188	Resp:	709098
Ion Ratio	Lower	Upper
188	100	
94	9.7	6.7 10.1
80	10.1	7.5 11.3

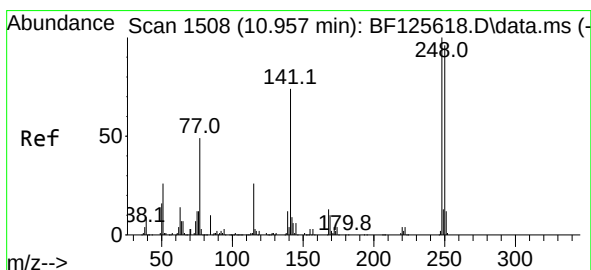
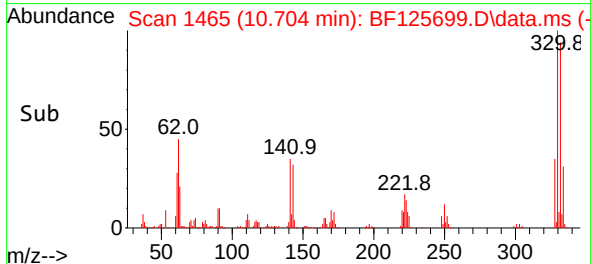
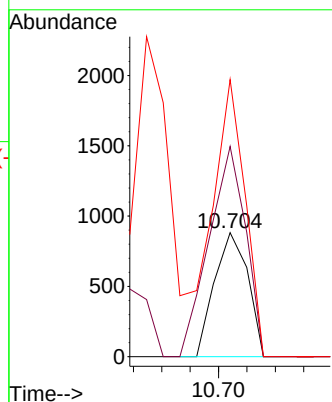
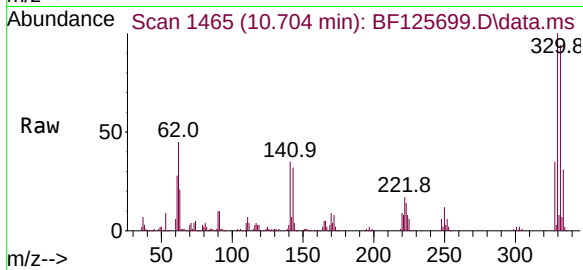




#65
4,6-Dinitro-2-methylphenol
Concen: 9.182 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

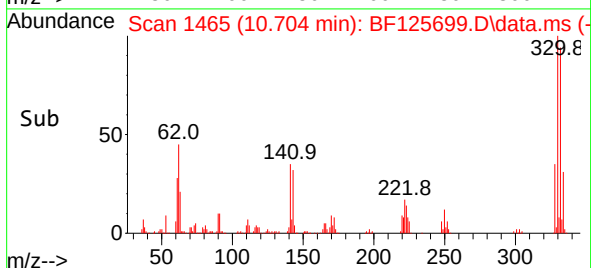
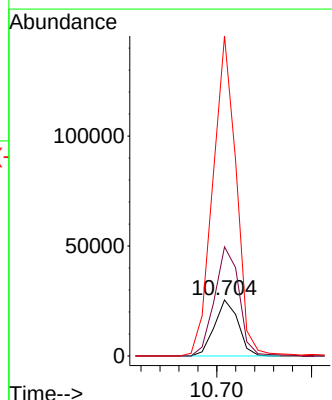
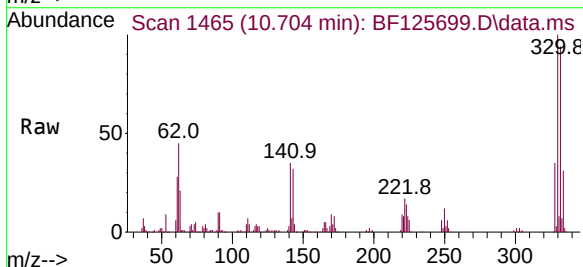
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-09(5-2.5)

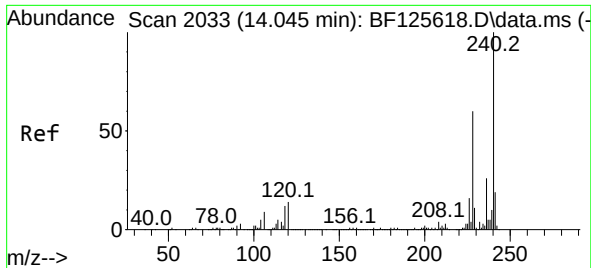
Tgt Ion:198 Resp: 718
Ion Ratio Lower Upper
198 100
51 169.5 45.3 85.3#
105 223.5 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 2.970 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

Tgt Ion:248 Resp: 22100
Ion Ratio Lower Upper
248 100
250 194.8 74.2 111.4#
141 571.2 60.4 90.6#

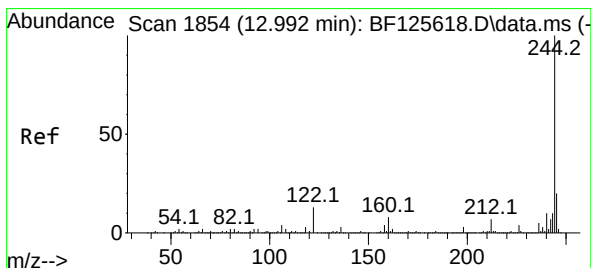
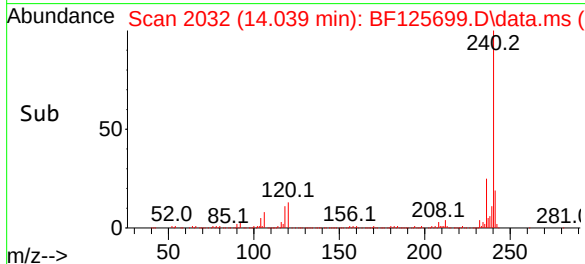
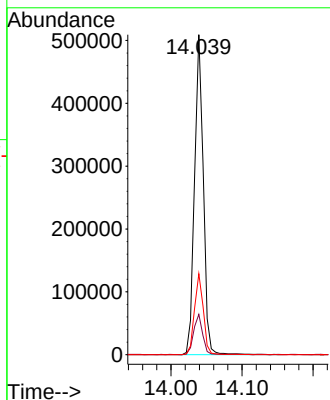
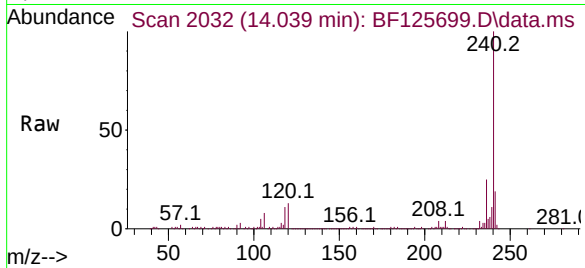




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

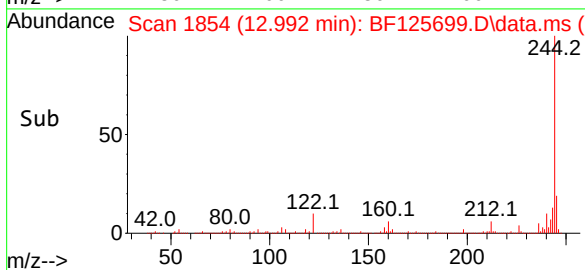
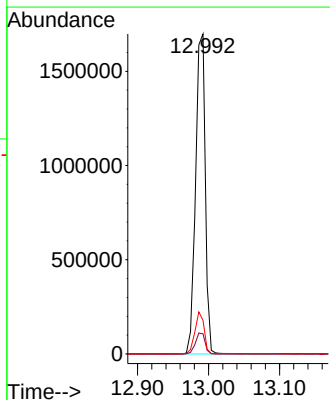
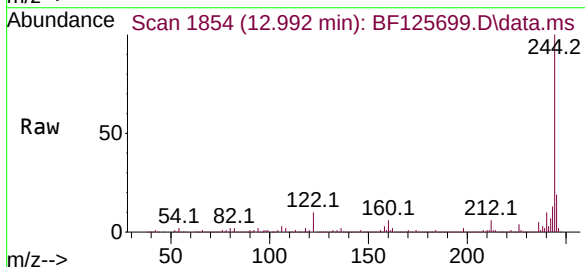
Instrument :
BNA_F
ClientSampleId :
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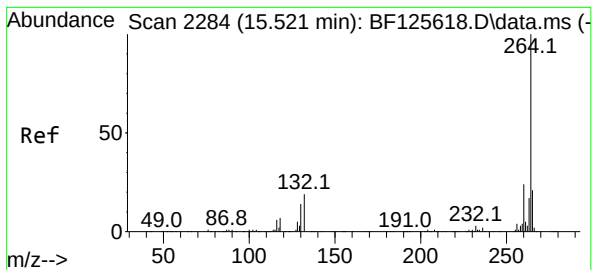
Tgt Ion:240 Resp: 439040
Ion Ratio Lower Upper
240 100
120 12.6 10.8 16.2
236 25.3 21.6 32.4



#79
Terphenyl-d14
Concen: 63.852 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125699.D
Acq: 28 Sep 2021 20:43

Tgt Ion:244 Resp: 1618786
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 10.5 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: BF125699.D
 Acq: 28 Sep 2021 20:43

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-09(5-2.5)

Tgt Ion:264 Resp: 431532
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.6 29.4
 265 21.6 17.2 25.8

