

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125658.D
 Acq On : 25 Sep 2021 15:58
 Operator : JU/CG
 Sample : M3922-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-03-(33-35)

Quant Time: Sep 27 01:22:16 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)

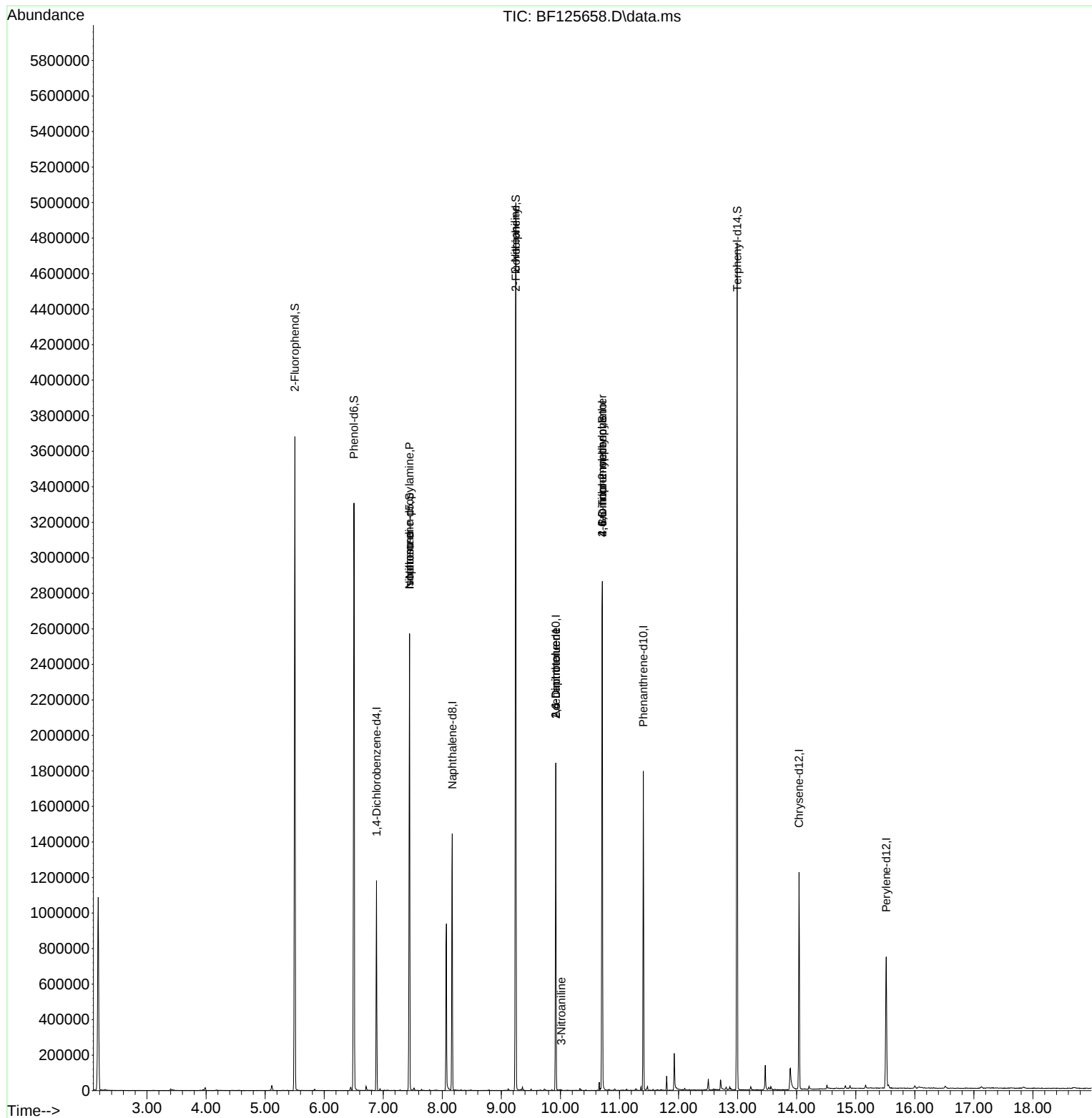
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	161884	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	654278	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	346075	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	592516	20.000	ng	0.00
76) Chrysene-d12	14.039	240	400977	20.000	ng	0.00
86) Perylene-d12	15.515	264	339159	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1144259	116.456	ng	0.00
7) Phenol-d6	6.504	99	1384550	104.812	ng	0.00
23) Nitrobenzene-d5	7.445	82	821286	87.554	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	397129	123.076	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1615026	83.638	ng	0.00
79) Terphenyl-d14	12.992	244	1572482	67.913	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	2113	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	103085	13.706	ng	# 52
25) Isophorone	7.445	82	821277	39.094	ng	# 59
48) 2-Nitroaniline	9.239	65	2300	4.579	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	44011	12.588	ng	# 28
53) 3-Nitroaniline	10.016	138	268	3.189	ng	# 9
57) 2,4-Dinitrotoluene	9.922	165	44011	11.489	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	804	9.240	ng	# 20
67) 4-Bromophenyl-phenylether	10.710	248	22571	3.630	ng	# 1

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

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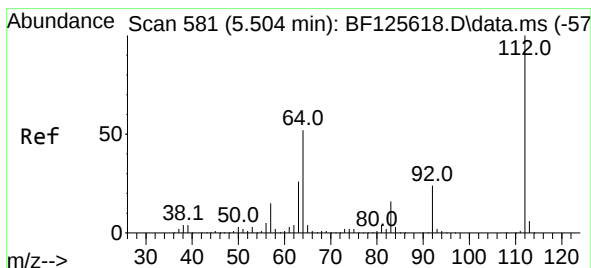
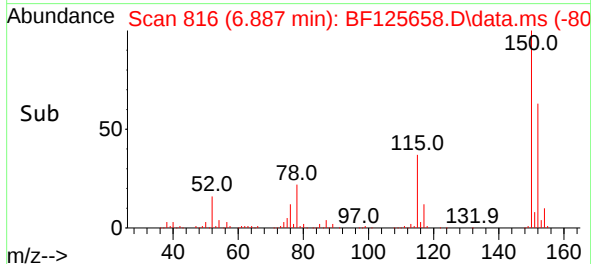
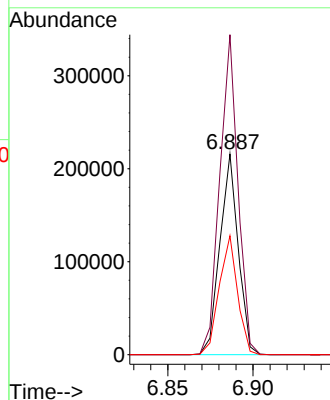
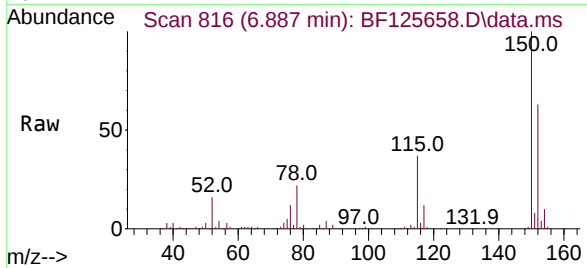




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

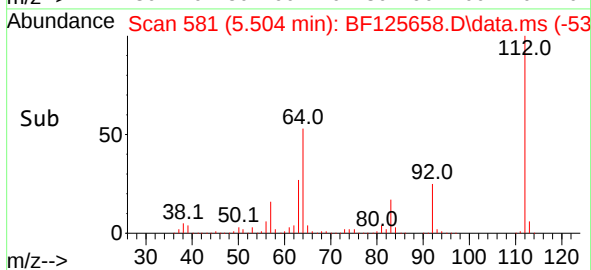
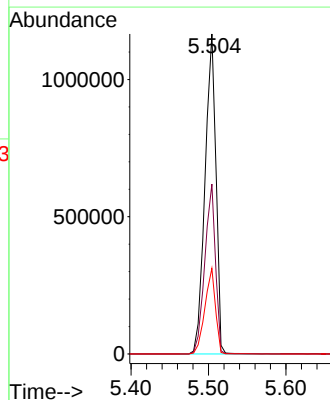
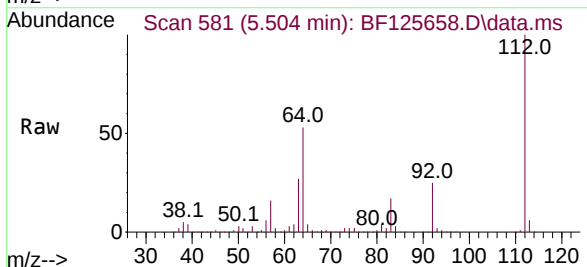
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(33-35)

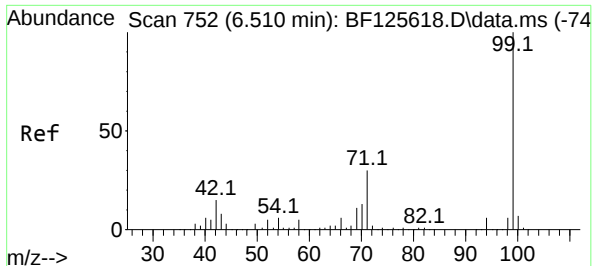
Tgt Ion:152 Resp: 161884
Ion Ratio Lower Upper
152 100
150 159.5 117.6 176.4
115 59.3 47.1 70.7



#5
2-Fluorophenol
Concen: 116.456 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

Tgt Ion:112 Resp: 1144259
Ion Ratio Lower Upper
112 100
64 53.1 44.2 66.2
63 26.7 26.2 39.2

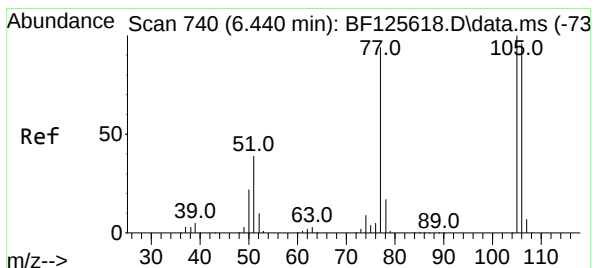
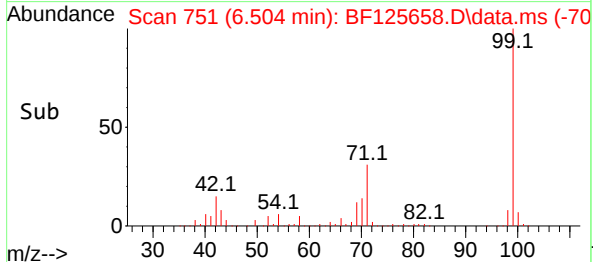
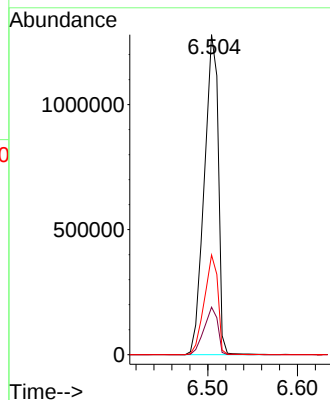
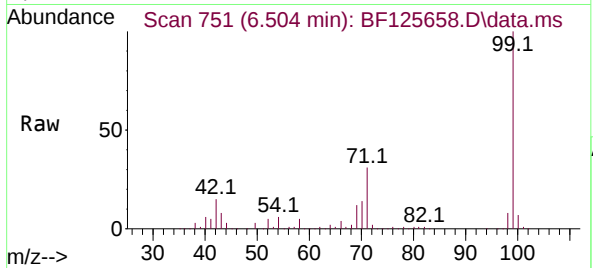




#7
Phenol-d6
Concen: 104.812 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

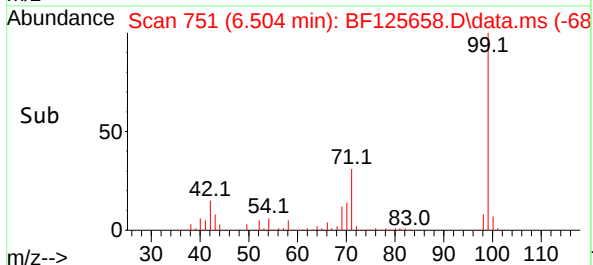
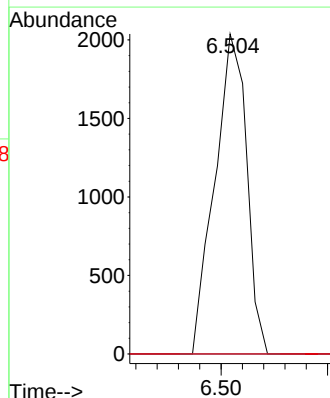
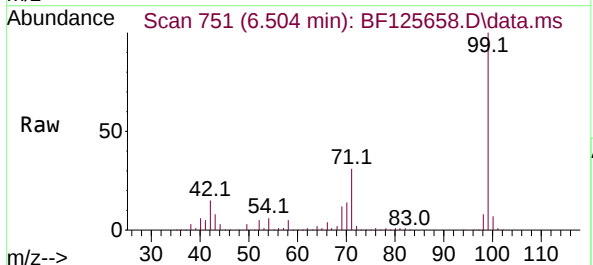
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(33-35)

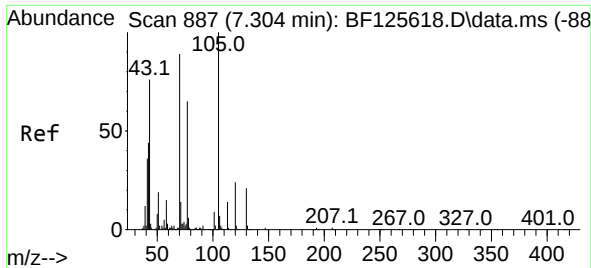
Tgt Ion: 99 Resp: 1384550
Ion Ratio Lower Upper
99 100
42 14.8 23.5 35.3#
71 31.1 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

Tgt Ion: 77 Resp: 2113
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

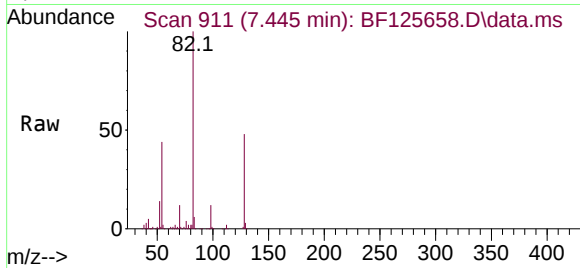




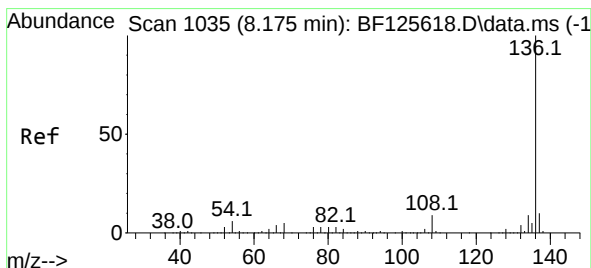
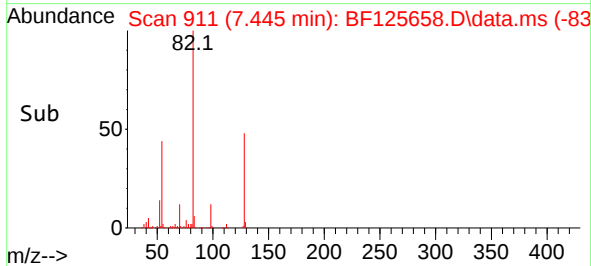
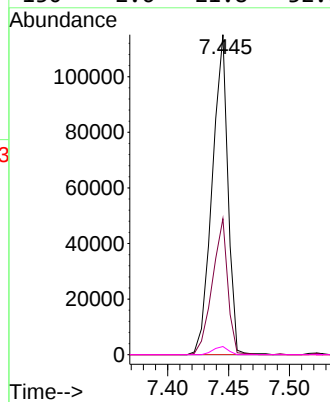
#19

n-Nitroso-di-n-propylamine
 Concen: 13.706 ng
 RT: 7.445 min Scan# 911
 Delta R.T. 0.141 min
 Lab File: BF125658.D
 Acq: 25 Sep 2021 15:58

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-03-(33-35)



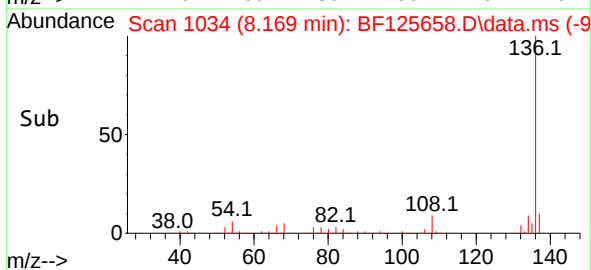
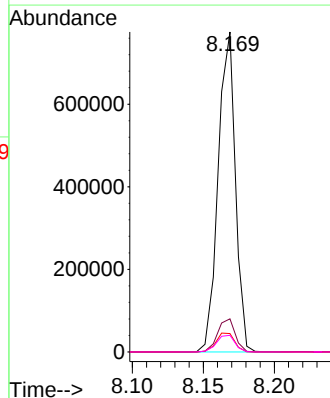
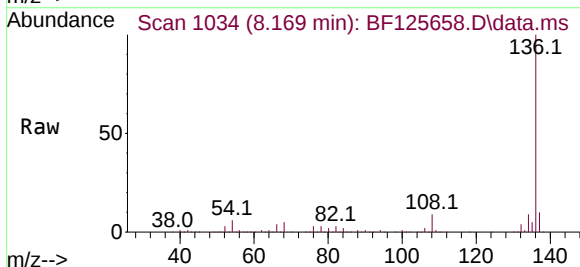
Tgt Ion: 70 Resp: 103085
 Ion Ratio Lower Upper
 70 100
 42 42.5 72.2 108.2#
 101 0.0 7.8 11.8#
 130 2.6 21.8 32.6#

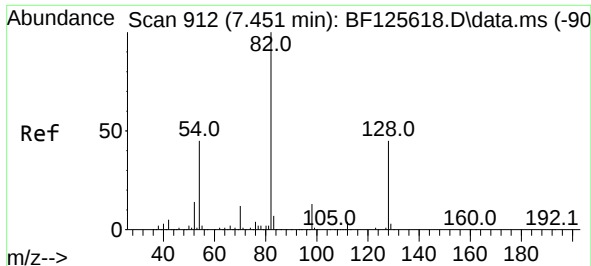


#21

Naphthalene-d8
 Concen: 20.000 ng
 RT: 8.169 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF125658.D
 Acq: 25 Sep 2021 15:58

Tgt Ion: 136 Resp: 654278
 Ion Ratio Lower Upper
 136 100
 137 10.4 9.8 14.6
 54 5.8 6.4 9.6#
 68 5.2 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 87.554 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125658.D

Acq: 25 Sep 2021 15:58

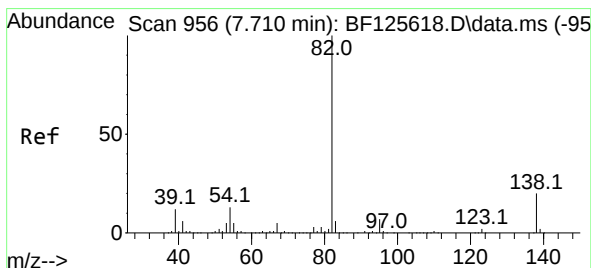
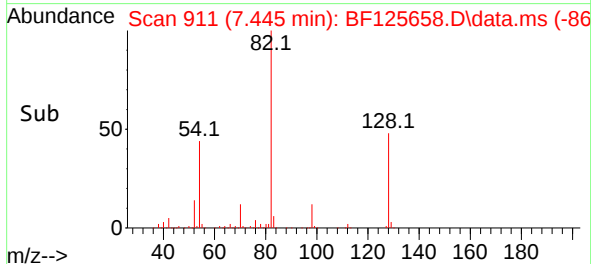
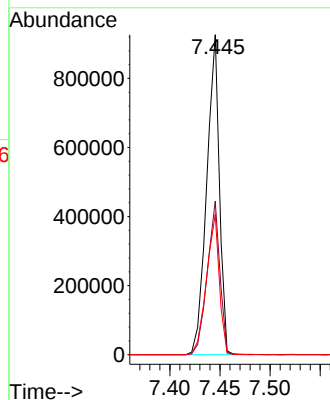
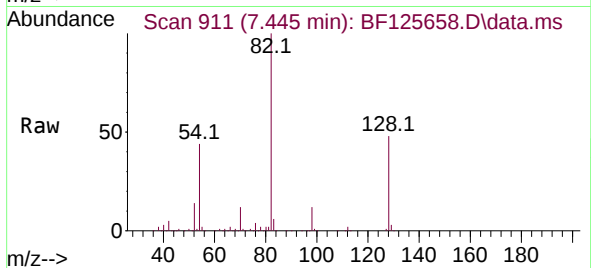
Instrument :

BNA_F

ClientSampleId :

SUB-SLAB-03-(33-35)

Tgt Ion: 82	Resp: 821286
Ion Ratio	Lower Upper
82	100
128	48.0 40.6 60.8
54	43.7 49.6 74.4#



#25

Isophorone

Concen: 39.094 ng

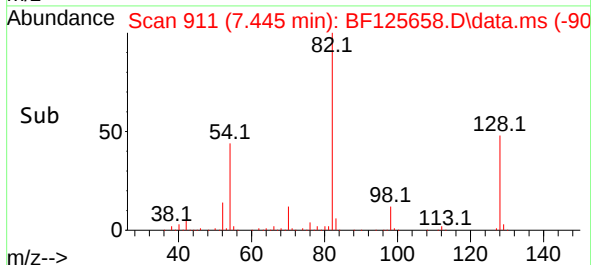
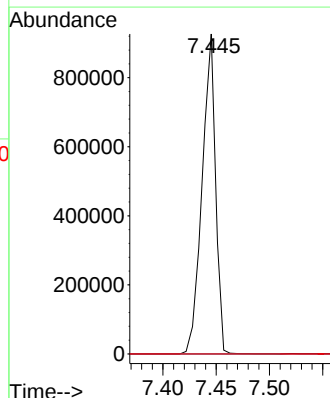
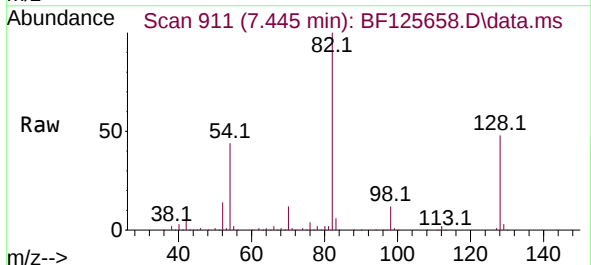
RT: 7.445 min Scan# 911

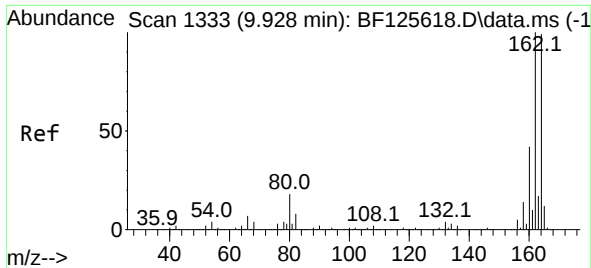
Delta R.T. -0.265 min

Lab File: BF125658.D

Acq: 25 Sep 2021 15:58

Tgt Ion: 82	Resp: 821277
Ion Ratio	Lower Upper
82	100
95	0.0 6.5 9.7#
138	0.0 18.4 27.6#

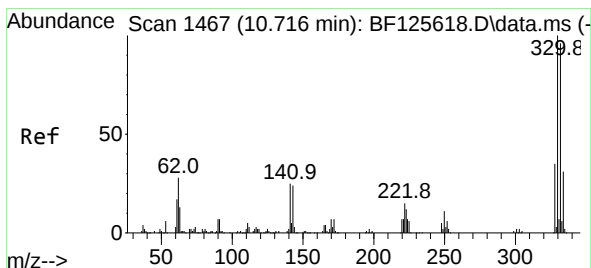
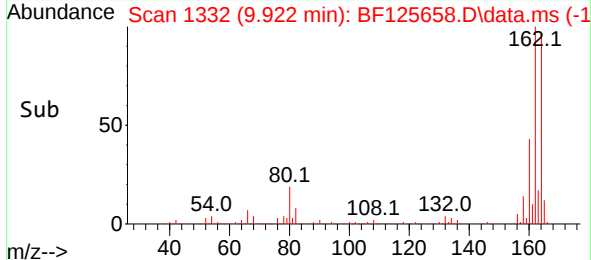
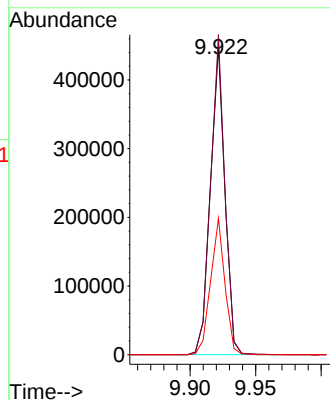
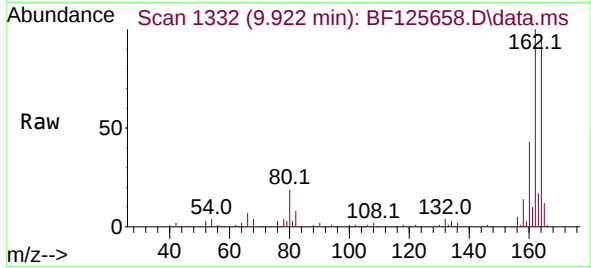




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

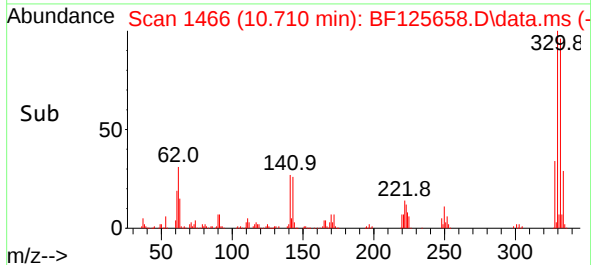
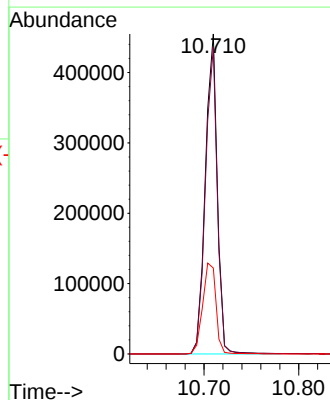
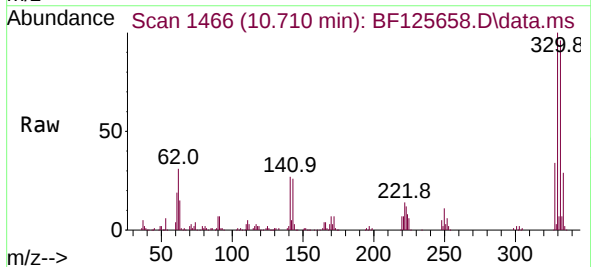
Instrument :
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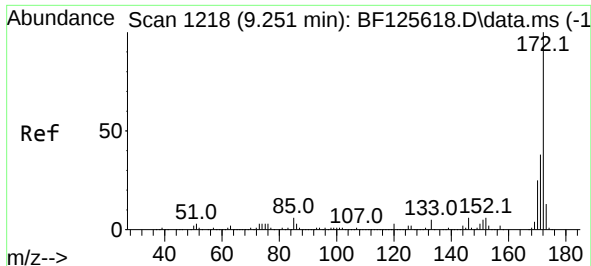
Tgt Ion:164 Resp: 346075
Ion Ratio Lower Upper
164 100
162 104.0 81.3 121.9
160 44.3 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 123.076 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

Tgt Ion:330 Resp: 397129
Ion Ratio Lower Upper
330 100
332 95.5 76.2 114.4
141 31.6 44.6 66.8#

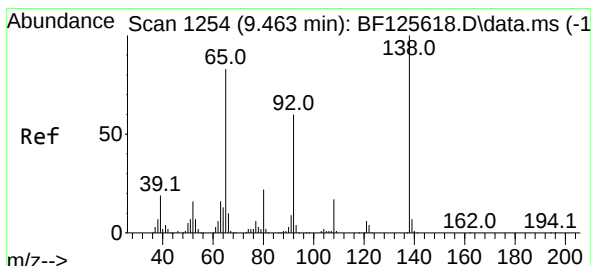
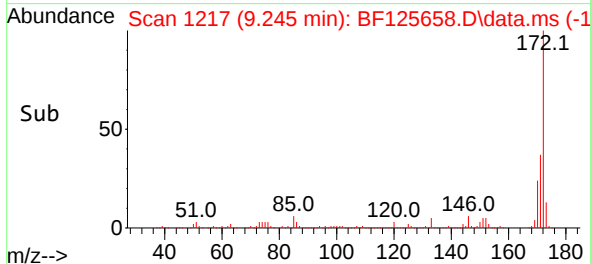
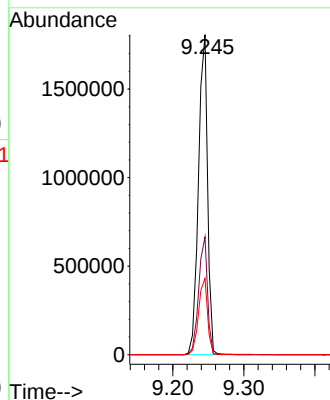
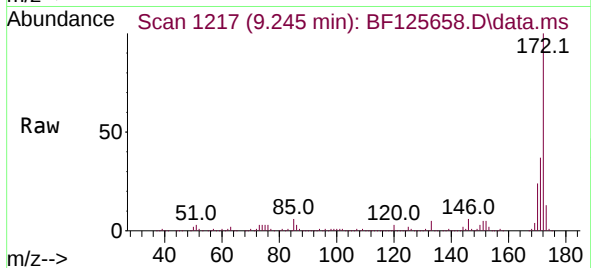




#45
2-Fluorobiphenyl
Concen: 83.638 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

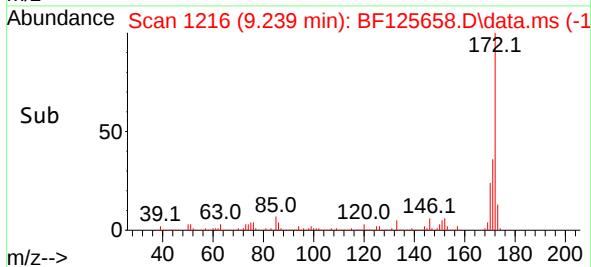
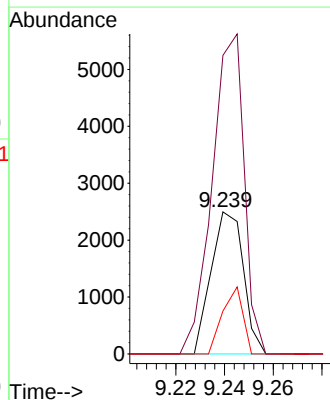
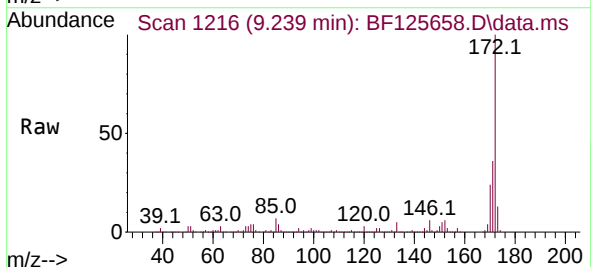
Instrument :
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SUB-SLAB-03-(33-35)

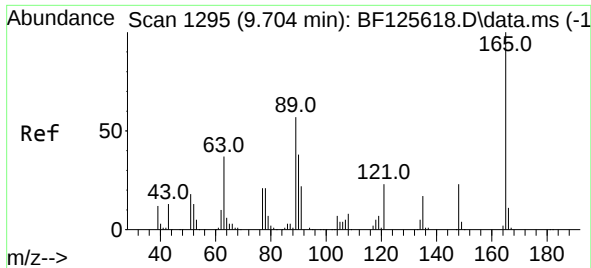
Tgt Ion:172 Resp: 1615026
Ion Ratio Lower Upper
172 100
171 36.8 26.5 39.7
170 23.8 18.8 28.2



#48
2-Nitroaniline
Concen: 4.579 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

Tgt Ion: 65 Resp: 2300
Ion Ratio Lower Upper
65 100
92 210.1 55.5 83.3#
138 30.2 93.5 140.3#

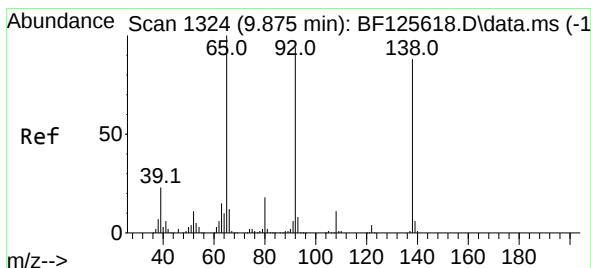
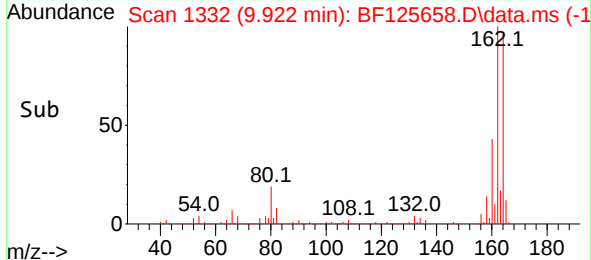
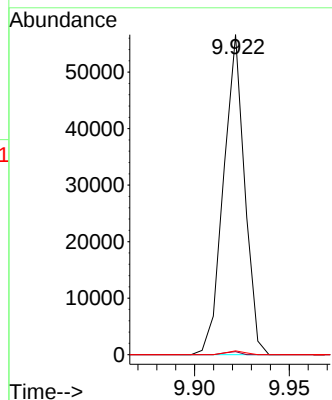
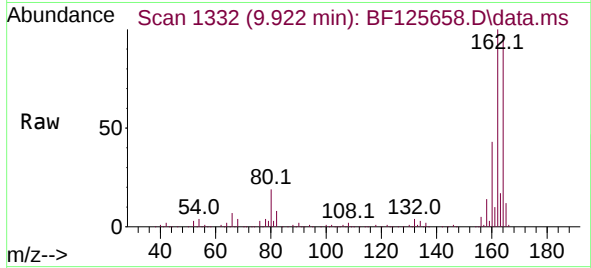




#51
2,6-Dinitrotoluene
Concen: 12.588 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

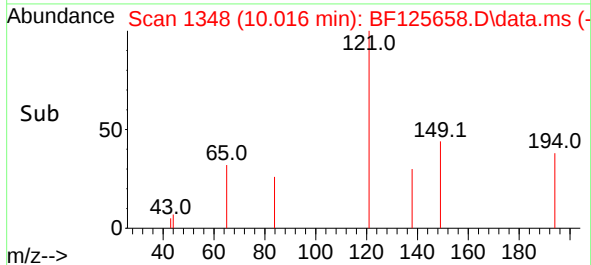
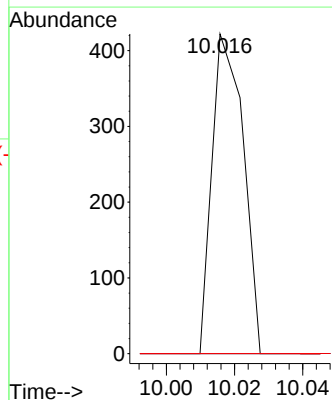
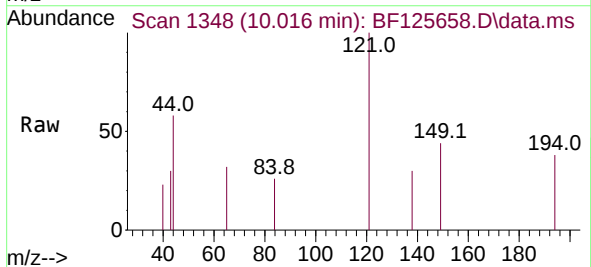
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(33-35)

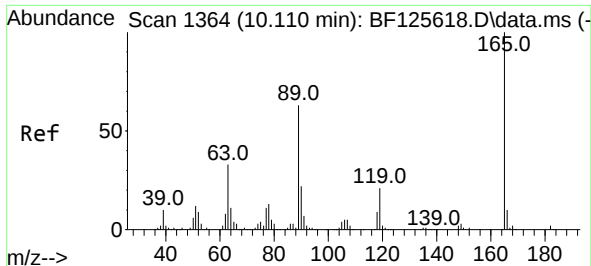
Tgt Ion:165 Resp: 44011
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 1.2 40.6 60.8#



#53
3-Nitroaniline
Concen: 3.189 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.141 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

Tgt Ion:138 Resp: 268
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 0.0 76.5 114.7#

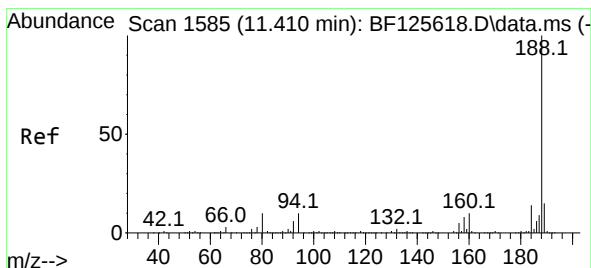
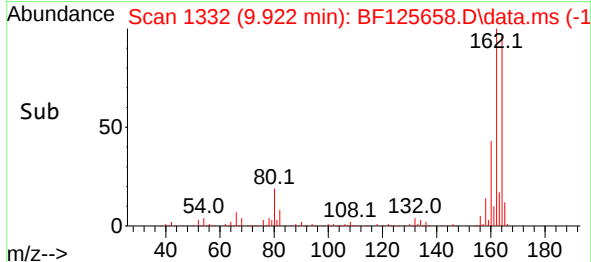
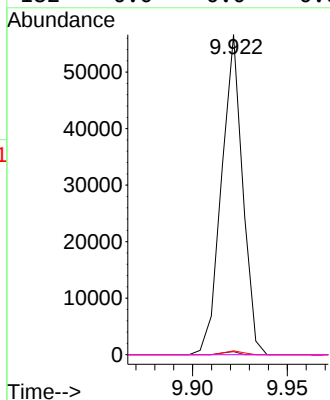
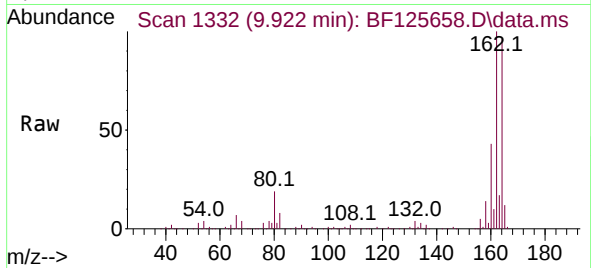




#57
2,4-Dinitrotoluene
Concen: 11.489 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

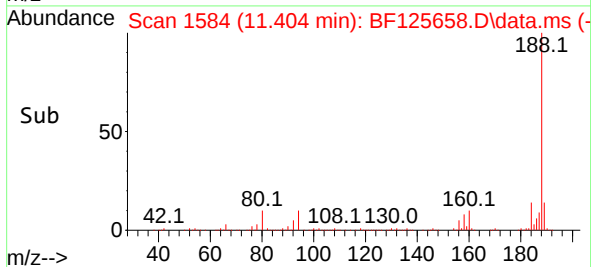
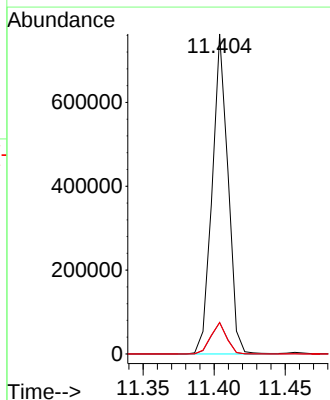
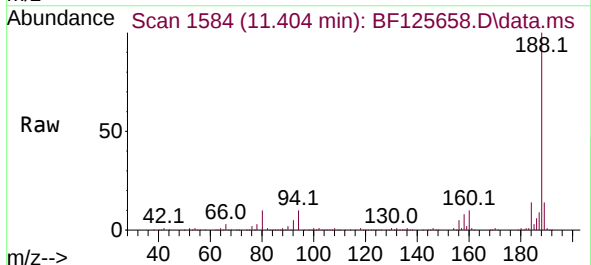
Instrument :
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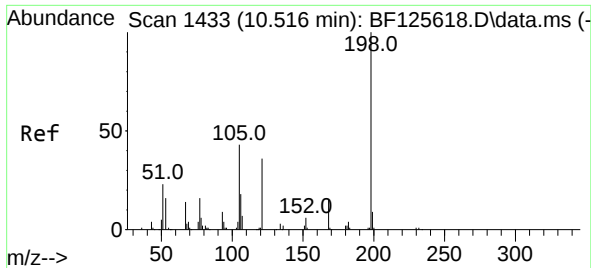
Tgt Ion:165	Resp:	44011
Ion Ratio	Lower	Upper
165	100	
63	0.9	40.9 61.3#
89	1.2	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

Tgt Ion:188	Resp:	592516
Ion Ratio	Lower	Upper
188	100	
94	9.9	6.7 10.1
80	9.8	7.5 11.3

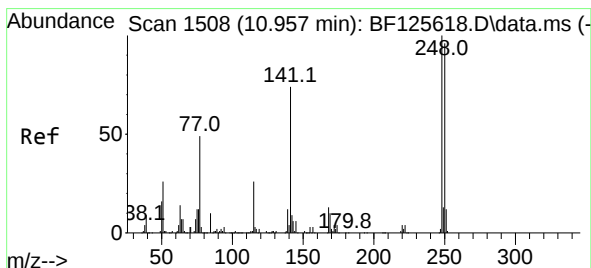
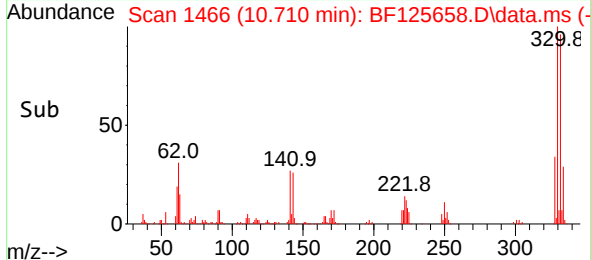
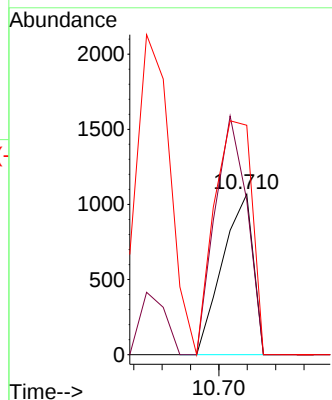
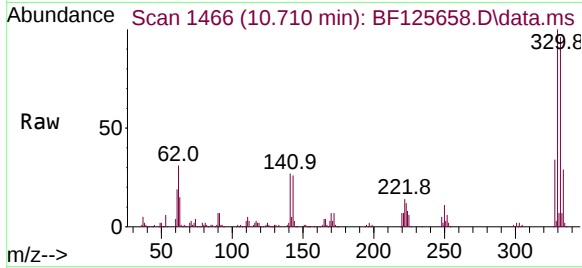




#65
4,6-Dinitro-2-methylphenol
Concen: 9.240 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

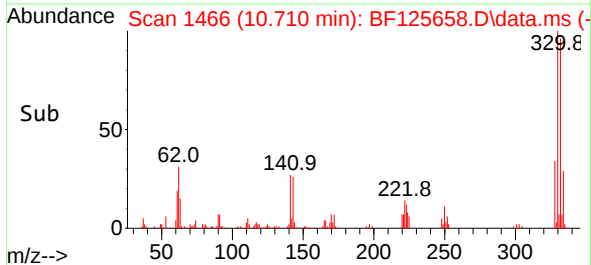
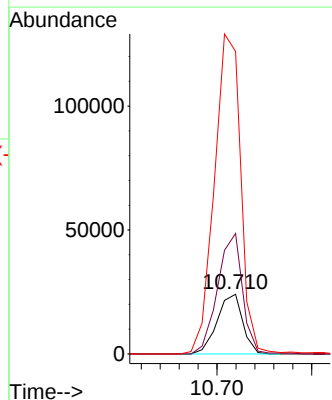
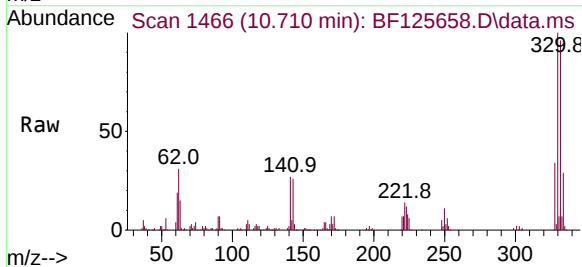
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(33-35)

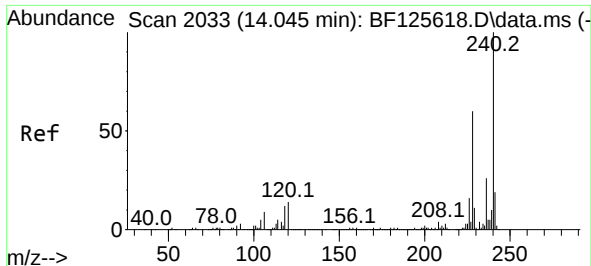
Tgt Ion	Ratio	Lower	Upper
198	100		
51	96.3	45.3	85.3#
105	143.0	30.6	70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.630 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	201.8	74.2	111.4#
141	506.8	60.4	90.6#

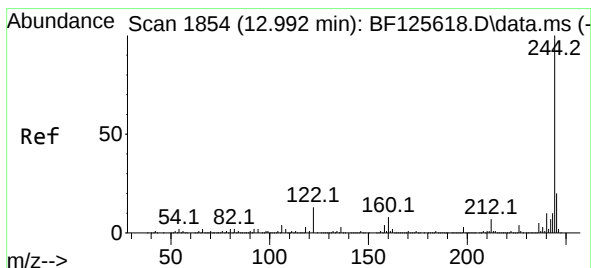
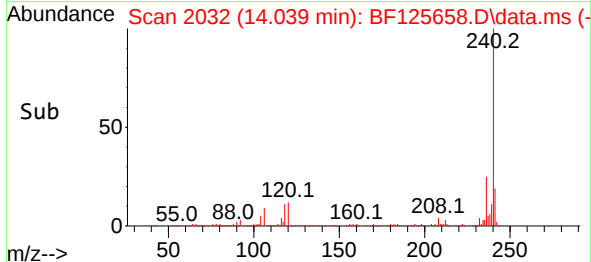
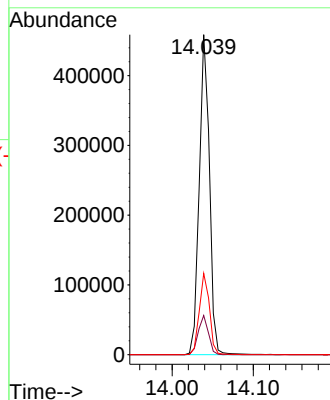
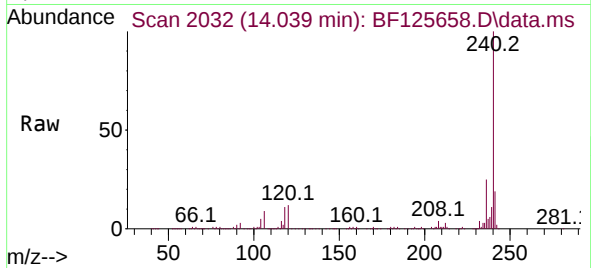




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

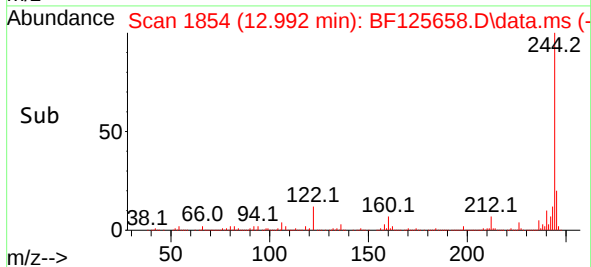
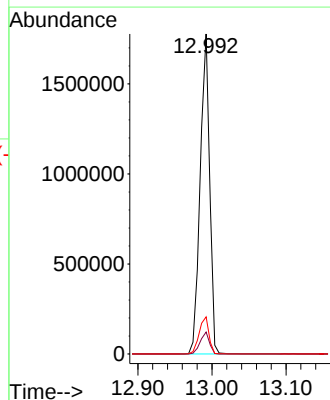
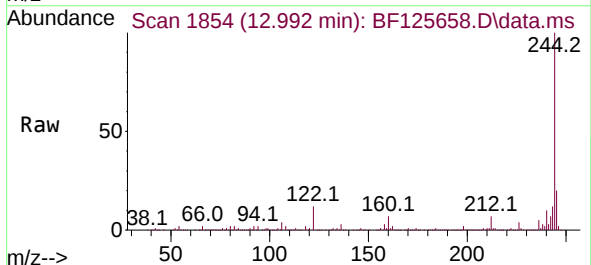
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-03-(33-35)

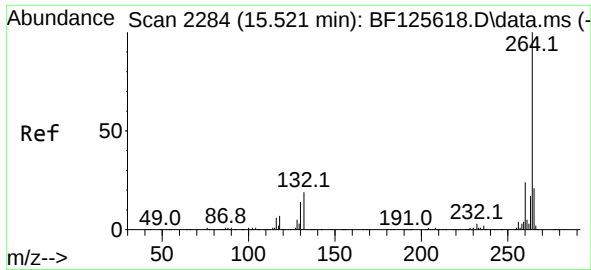
Tgt Ion:240 Resp: 400977
Ion Ratio Lower Upper
240 100
120 12.3 10.8 16.2
236 25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 67.913 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

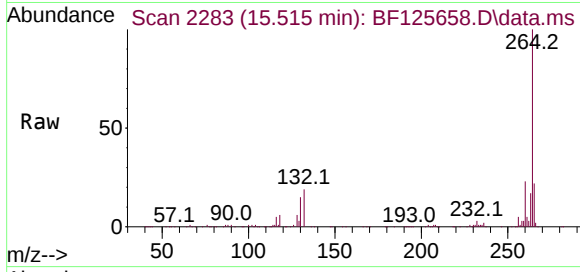
Tgt Ion:244 Resp: 1572482
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 11.6 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125658.D
Acq: 25 Sep 2021 15:58

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:264 Resp: 339159

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.6	29.4
265	21.6	17.2	25.8

