

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125655.D
 Acq On : 25 Sep 2021 14:25
 Operator : JU/CG
 Sample : M3908-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-04-(6-8)

Quant Time: Sep 27 01:21:42 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)

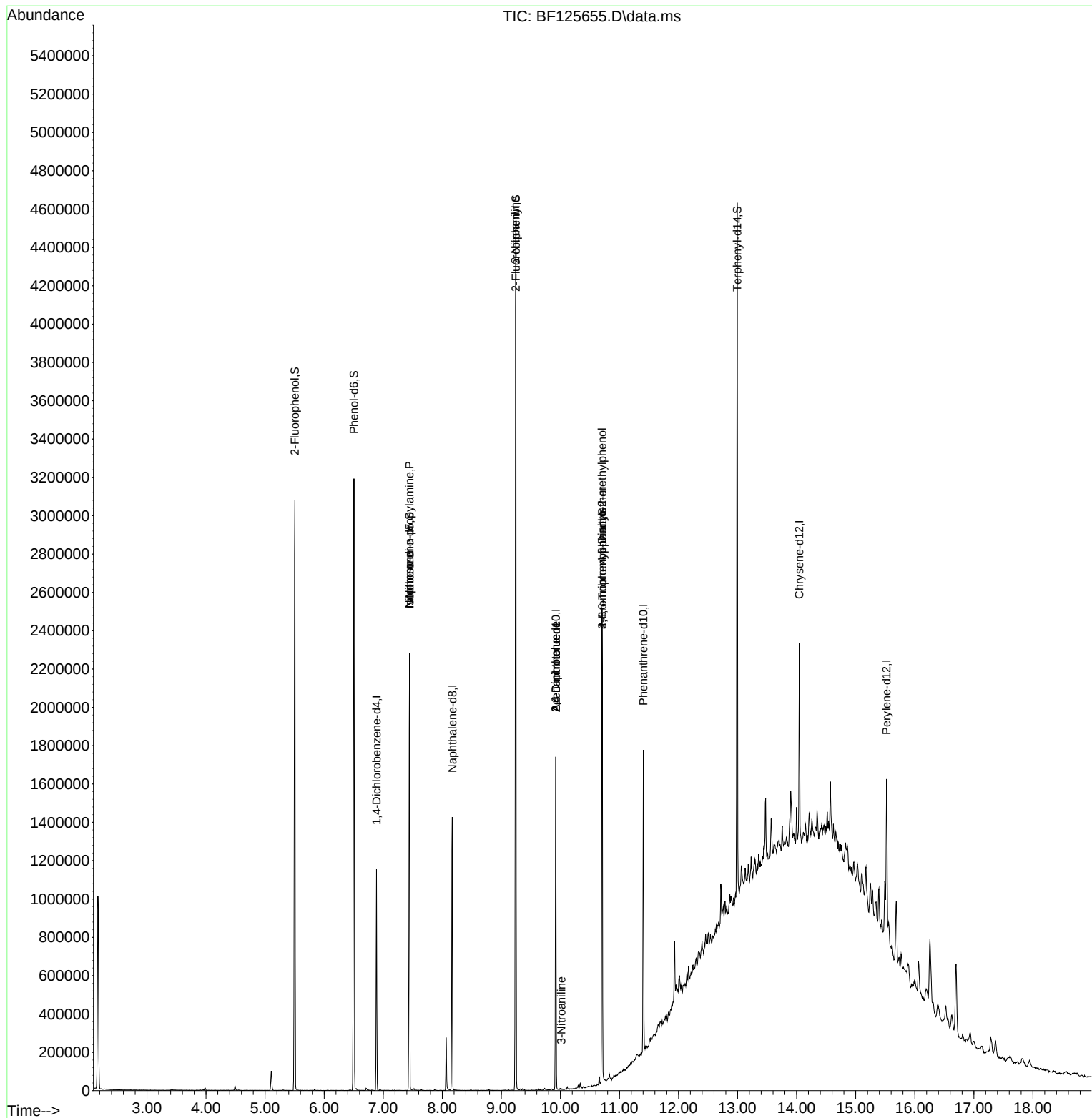
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	159200	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	646796	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	336300	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	551100	20.000	ng	0.00
76) Chrysene-d12	14.045	240	337680	20.000	ng	0.00
86) Perylene-d12	15.521	264	380830	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	972596	100.654	ng	0.00
7) Phenol-d6	6.504	99	1235580	95.112	ng	0.00
23) Nitrobenzene-d5	7.445	82	731610	78.897	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	327049	104.303	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1488423	78.503	ng	0.00
79) Terphenyl-d14	12.992	244	1222626	62.701	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1570	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	91042	12.309	ng	# 49
25) Isophorone	7.445	82	731601	35.228	ng	# 59
48) 2-Nitroaniline	9.239	65	1922	4.520	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	43032	12.641	ng	# 27
53) 3-Nitroaniline	10.016	138	140	3.168	ng	# 9
57) 2,4-Dinitrotoluene	9.922	165	43032	11.530	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	695	9.224	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	18441	3.188	ng	# 1

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

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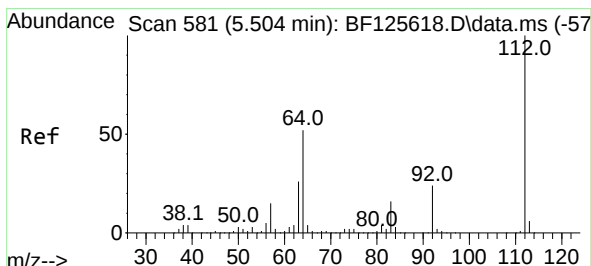
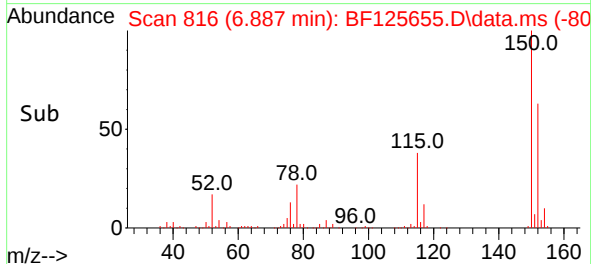
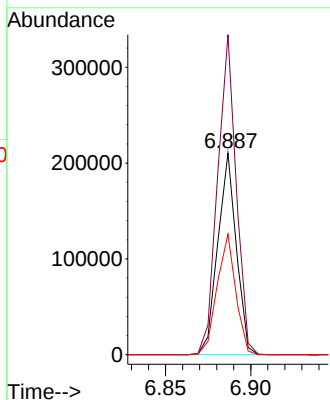
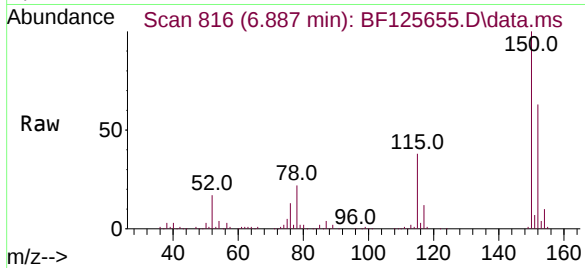




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

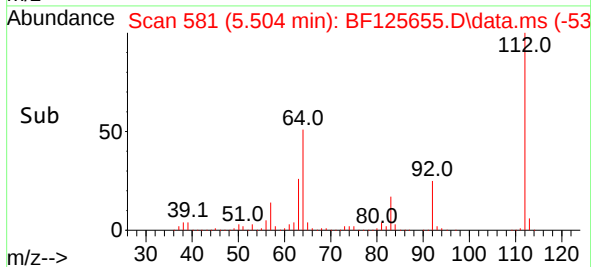
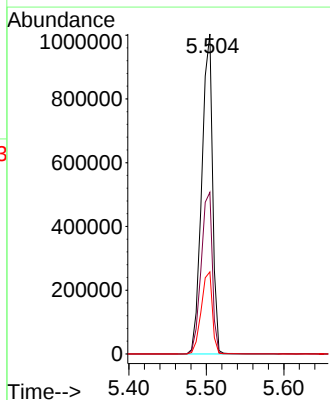
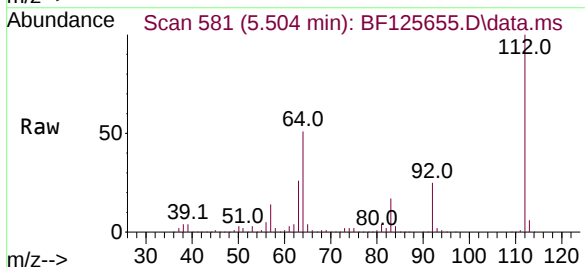
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-04-(6-8)

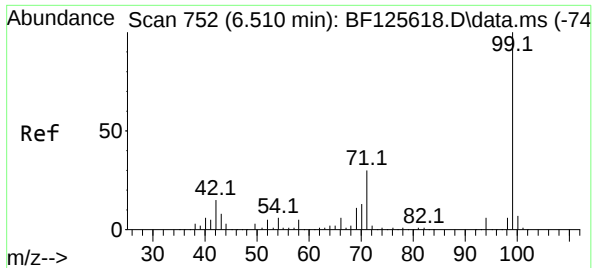
Tgt Ion:152 Resp: 159200
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 100.654 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

Tgt Ion:112 Resp: 972596
Ion Ratio Lower Upper
112 100
64 50.5 44.2 66.2
63 25.7 26.2 39.2#

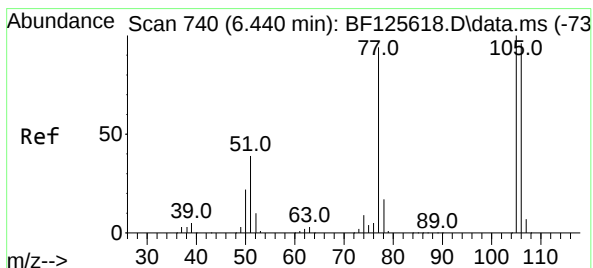
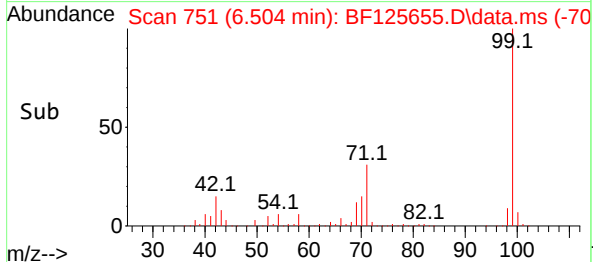
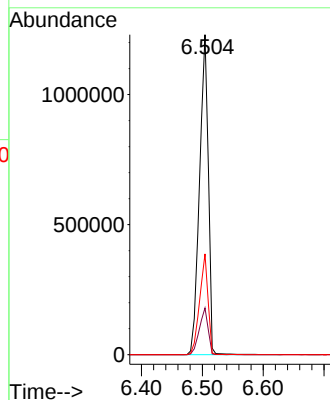
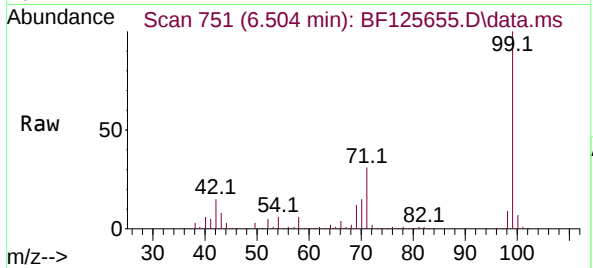




#7
Phenol-d6
Concen: 95.112 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

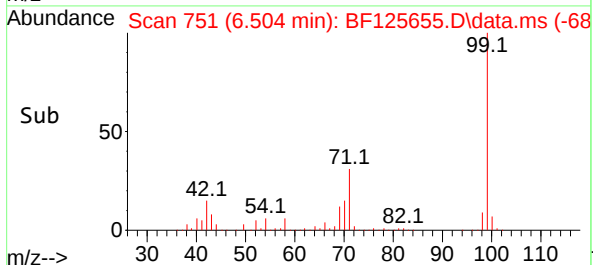
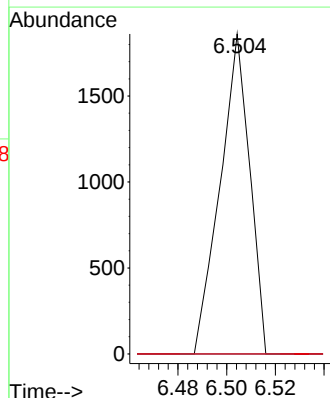
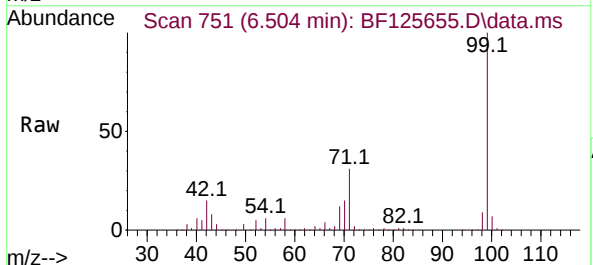
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-04-(6-8)

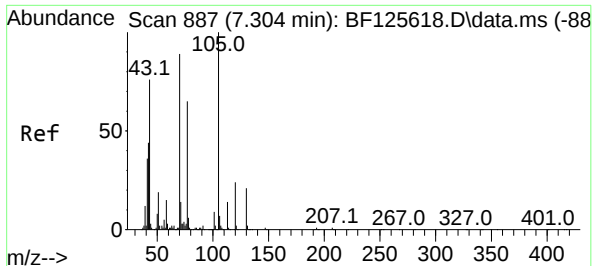
Tgt Ion: 99 Resp: 1235580
Ion Ratio Lower Upper
99 100
42 14.6 23.5 35.3#
71 31.5 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

Tgt Ion: 77 Resp: 1570
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

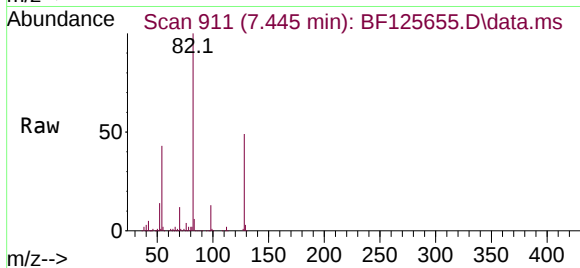




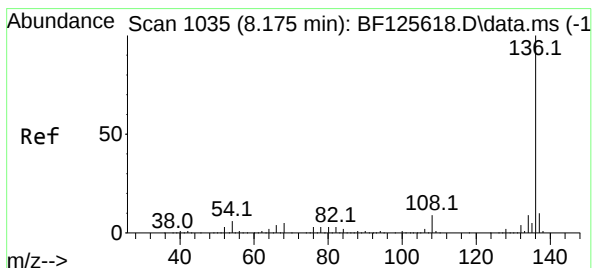
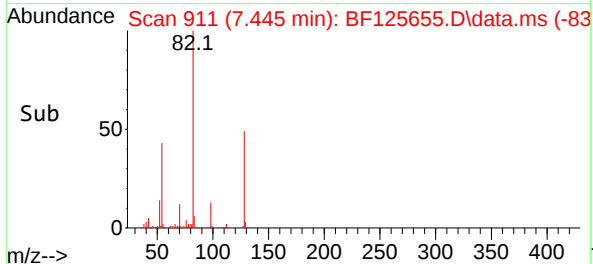
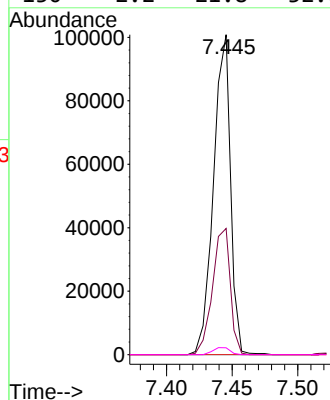
#19

n-Nitroso-di-n-propylamine
Concen: 12.309 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-04-(6-8)



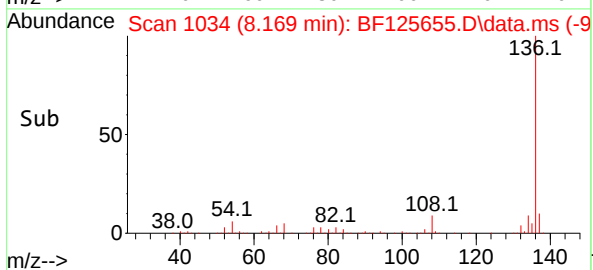
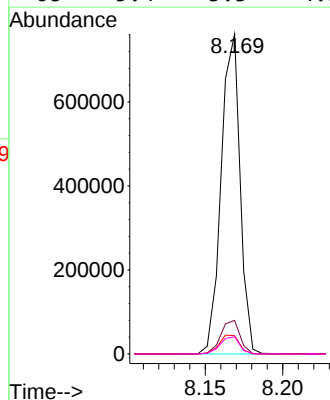
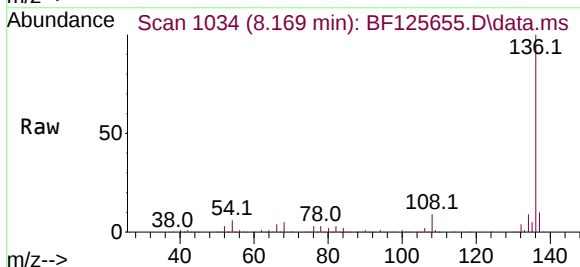
Tgt Ion:	70	Resp:	91042
Ion	Ratio	Lower	Upper
70	100		
42	39.4	72.2	108.2#
101	0.0	7.8	11.8#
130	2.2	21.8	32.6#

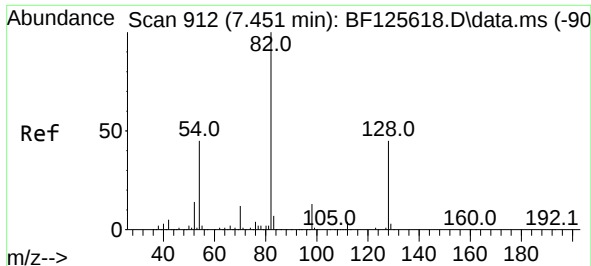


#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

Tgt Ion:	136	Resp:	646796
Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.8	14.6
54	5.7	6.4	9.6#
68	5.4	3.3	4.9#





#23

Nitrobenzene-d5

Concen: 78.897 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125655.D

Acq: 25 Sep 2021 14:25

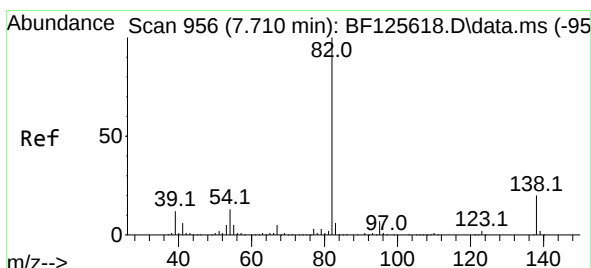
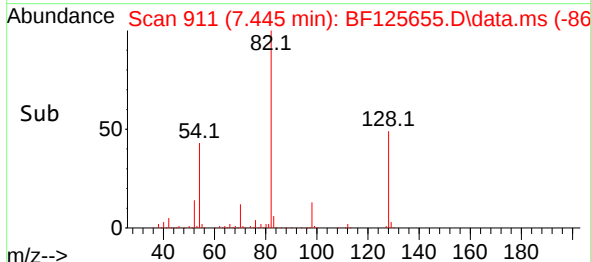
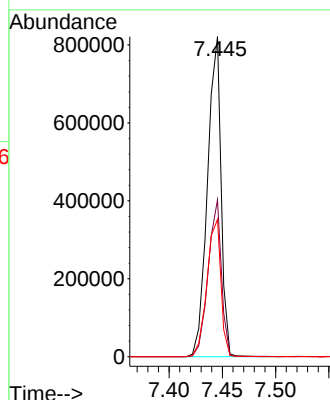
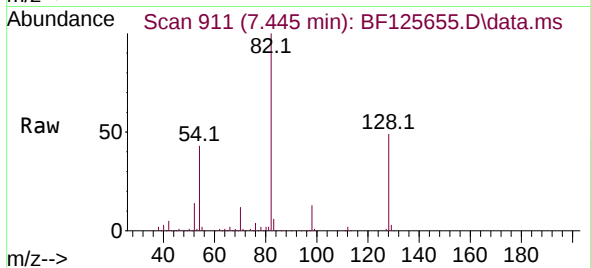
Instrument :

BNA_F

ClientSampleId :

SUB-SLAB-04-(6-8)

Tgt Ion:	82	Resp:	731610
Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.6	60.8
54	42.9	49.6	74.4#



#25

Isophorone

Concen: 35.228 ng

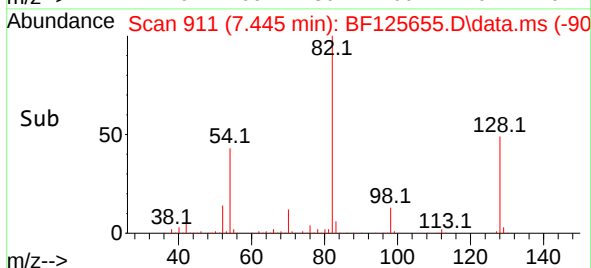
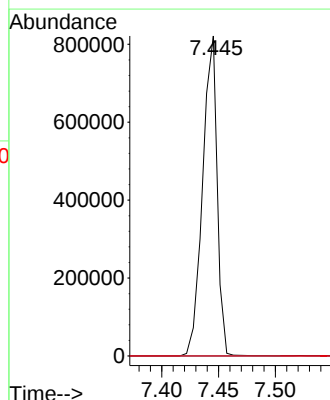
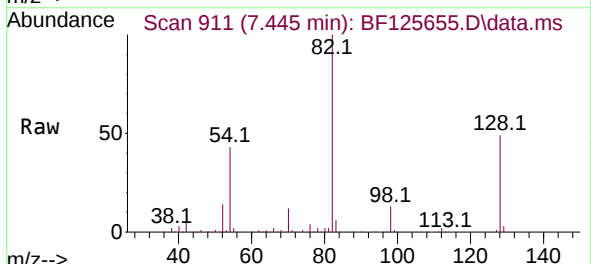
RT: 7.445 min Scan# 911

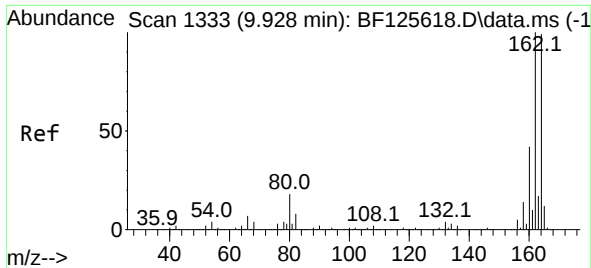
Delta R.T. -0.265 min

Lab File: BF125655.D

Acq: 25 Sep 2021 14:25

Tgt Ion:	82	Resp:	731601
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

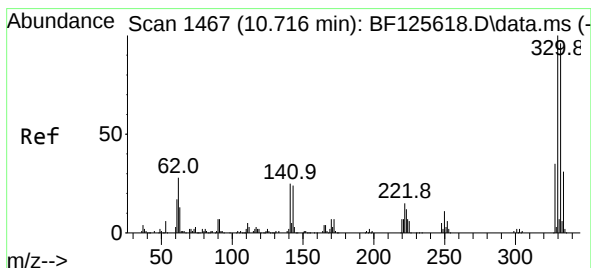
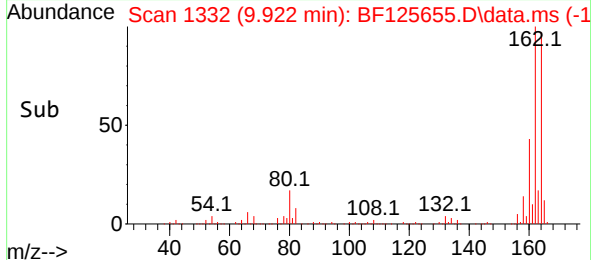
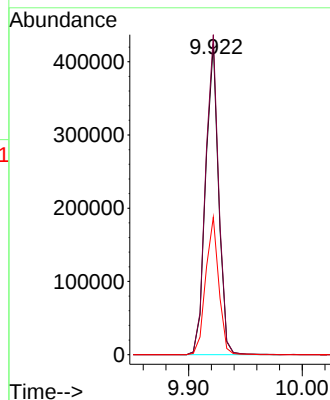
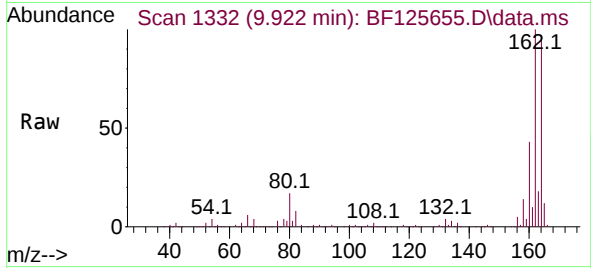




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

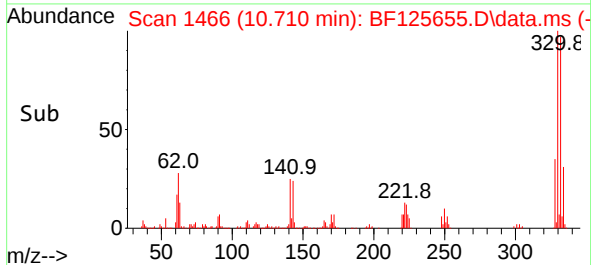
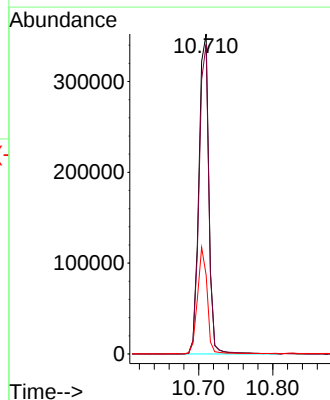
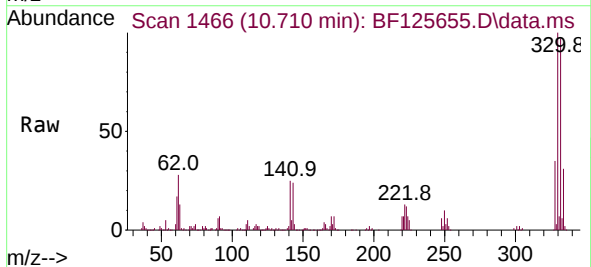
Instrument :
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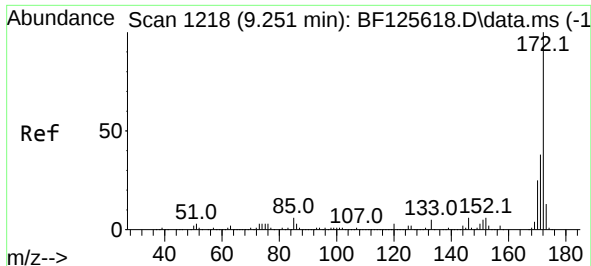
Tgt Ion:164 Resp: 336300
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 44.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 104.303 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

Tgt Ion:330 Resp: 327049
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 32.8 44.6 66.8#

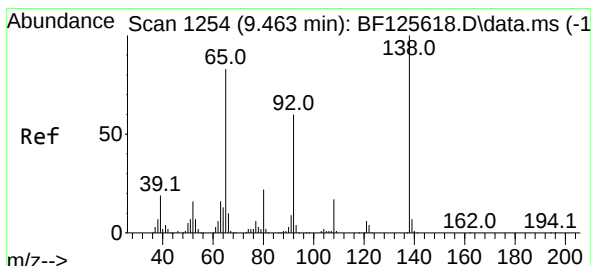
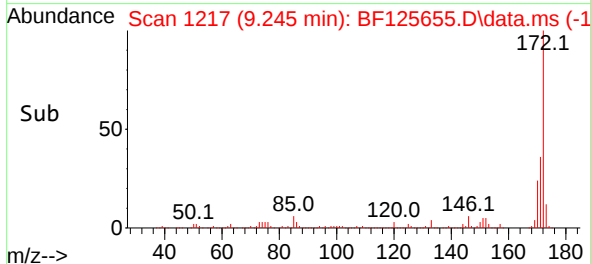
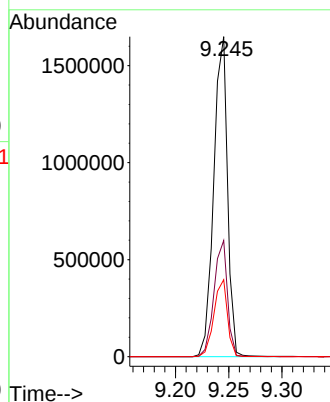
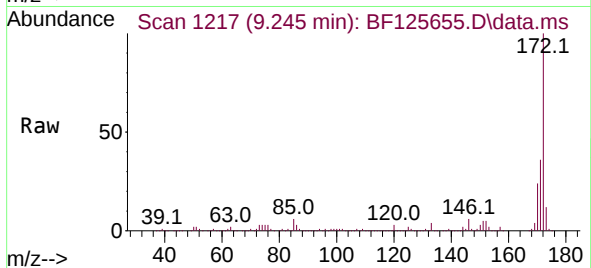




#45
2-Fluorobiphenyl
Concen: 78.503 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

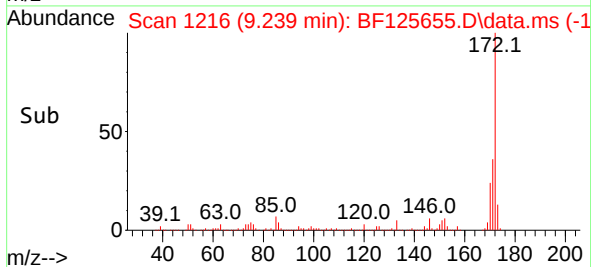
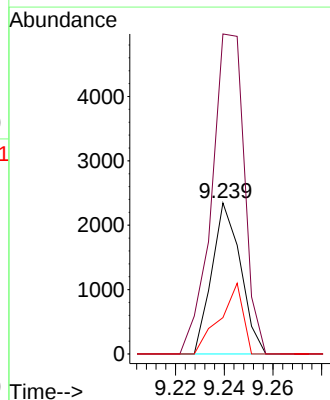
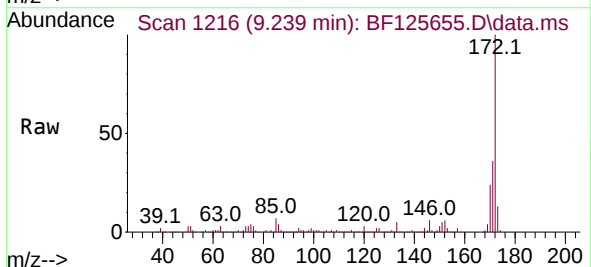
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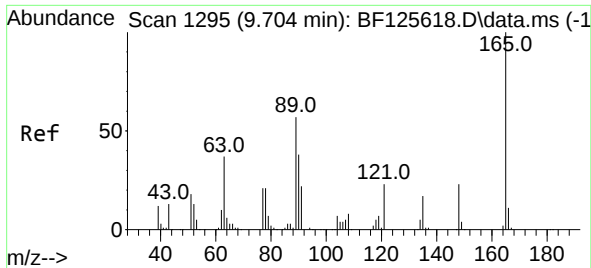
Tgt Ion:172 Resp: 1488423
Ion Ratio Lower Upper
172 100
171 36.3 26.5 39.7
170 24.0 18.8 28.2



#48
2-Nitroaniline
Concen: 4.520 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

Tgt Ion: 65 Resp: 1922
Ion Ratio Lower Upper
65 100
92 211.9 55.5 83.3#
138 24.1 93.5 140.3#

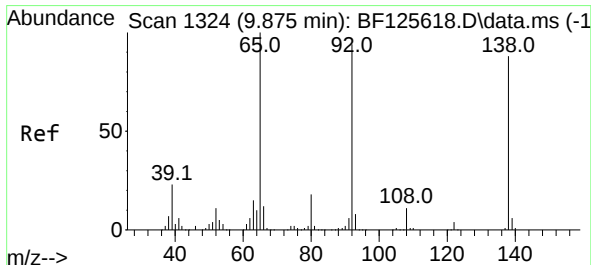
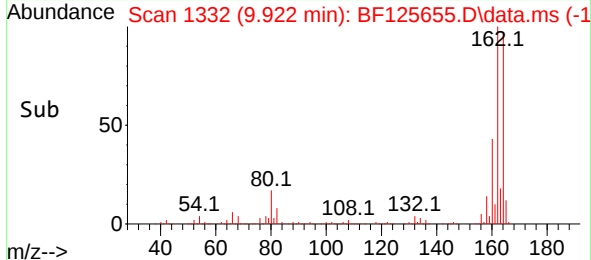
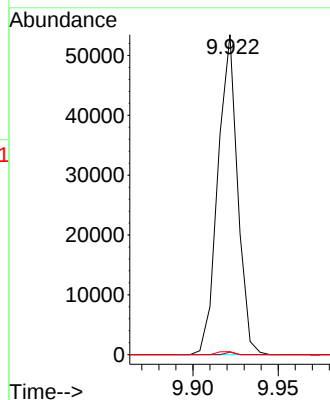
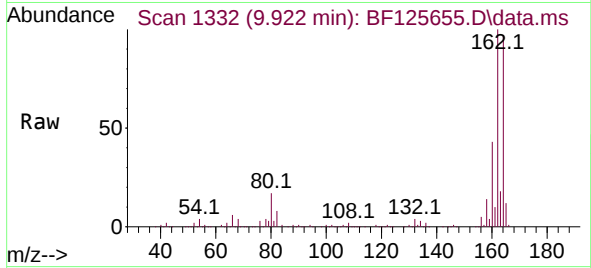




#51
2,6-Dinitrotoluene
Concen: 12.641 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

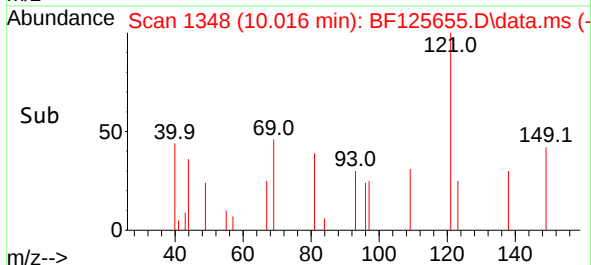
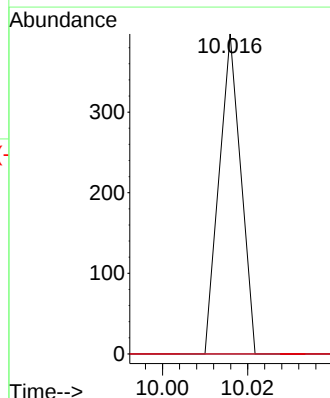
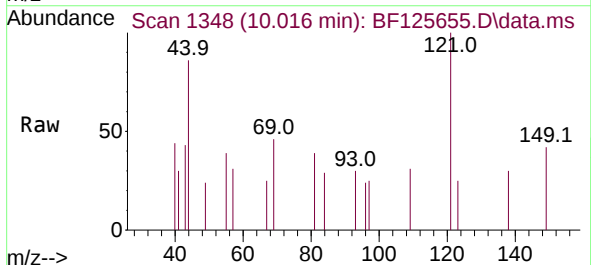
Instrument :
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SUB-SLAB-04-(6-8)

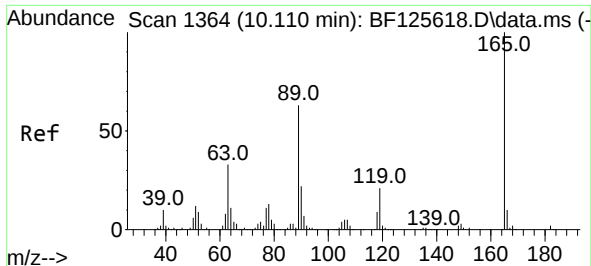
Tgt Ion:165 Resp: 43032
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.9 40.6 60.8#



#53
3-Nitroaniline
Concen: 3.168 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.141 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

Tgt Ion:138 Resp: 140
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 0.0 76.5 114.7#

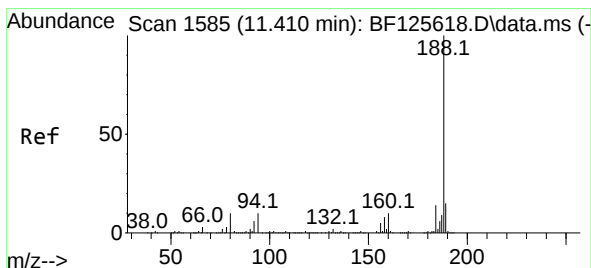
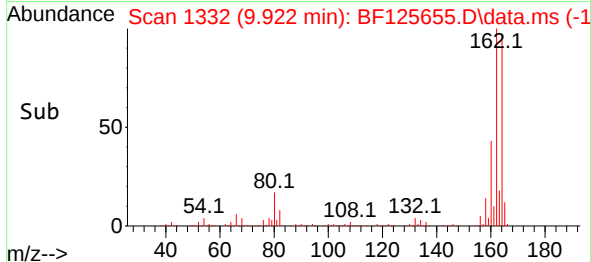
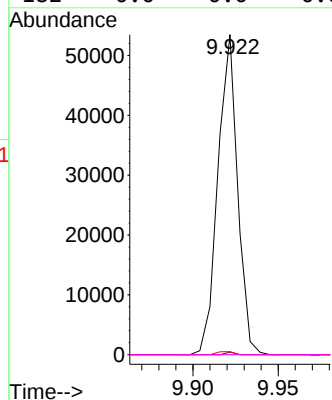
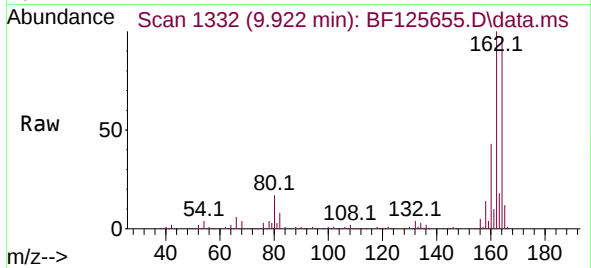




#57
2,4-Dinitrotoluene
Concen: 11.530 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

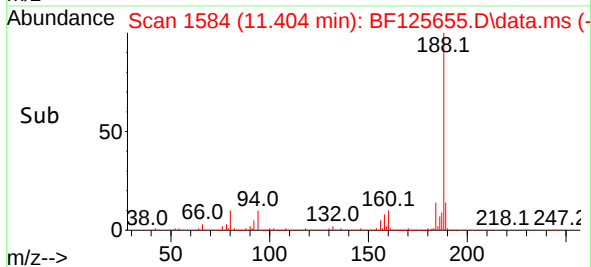
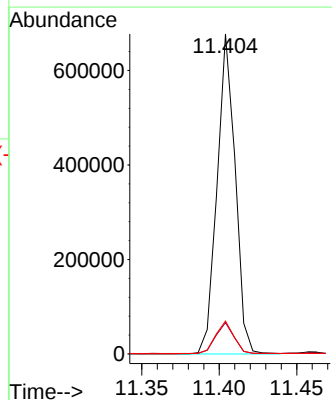
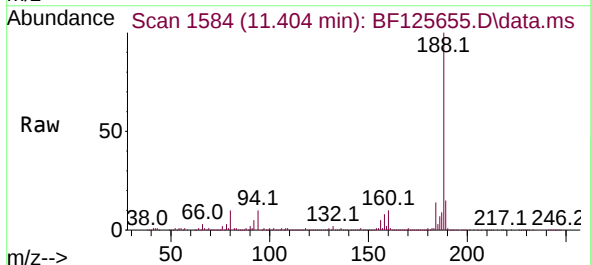
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-04-(6-8)

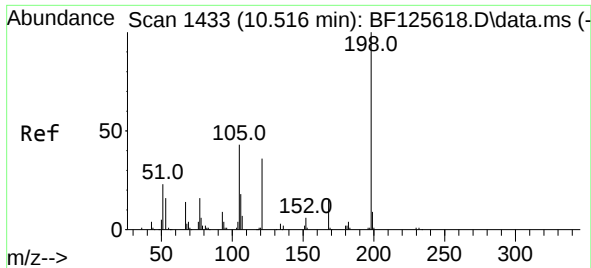
Tgt Ion:165	Resp:	43032
Ion Ratio	Lower	Upper
165	100	
63	0.8	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

Tgt Ion:188	Resp:	551100
Ion Ratio	Lower	Upper
188	100	
94	9.8	6.7 10.1
80	10.3	7.5 11.3

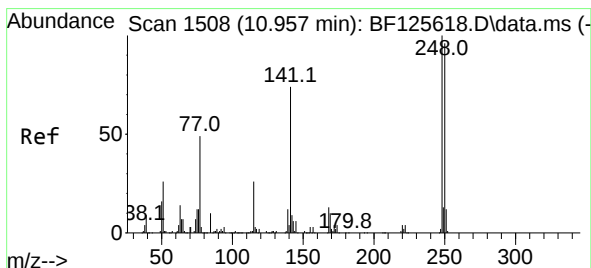
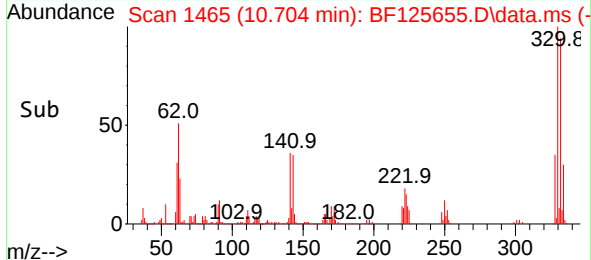
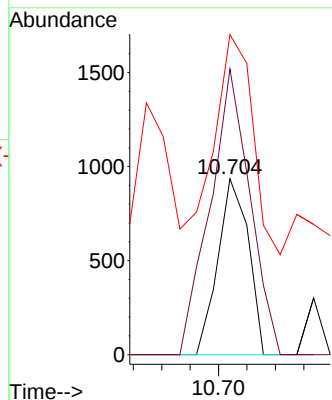
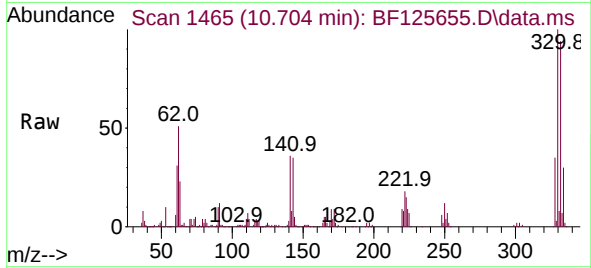




#65
4,6-Dinitro-2-methylphenol
Concen: 9.224 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

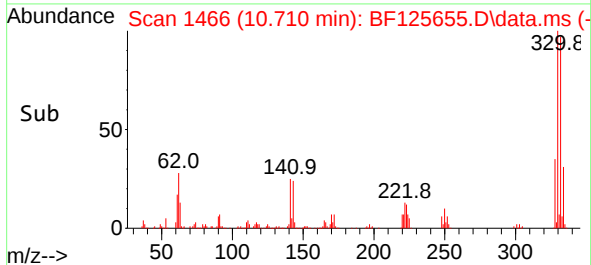
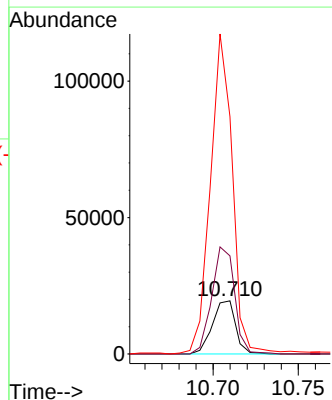
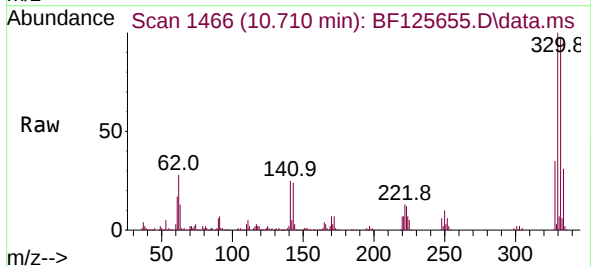
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-04-(6-8)

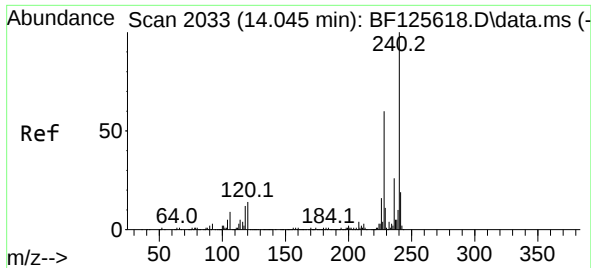
Tgt Ion:198 Resp: 695
Ion Ratio Lower Upper
198 100
51 162.4 45.3 85.3#
105 181.9 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.188 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

Tgt Ion:248 Resp: 18441
Ion Ratio Lower Upper
248 100
250 184.8 74.2 111.4#
141 446.9 60.4 90.6#

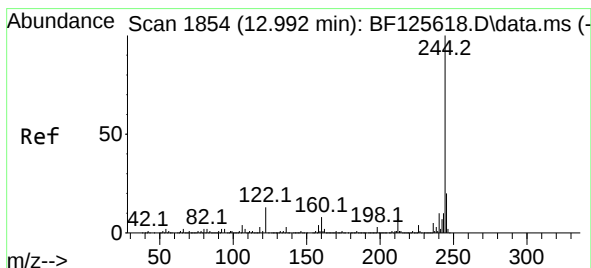
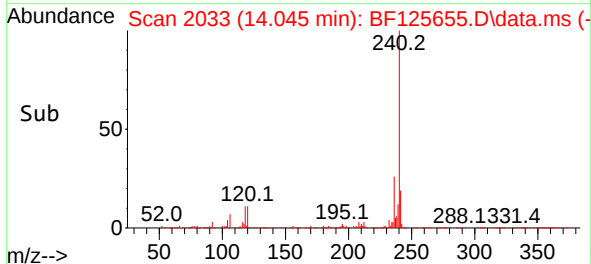
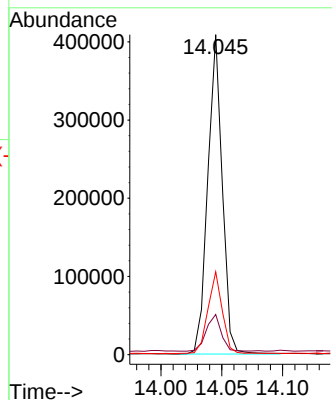
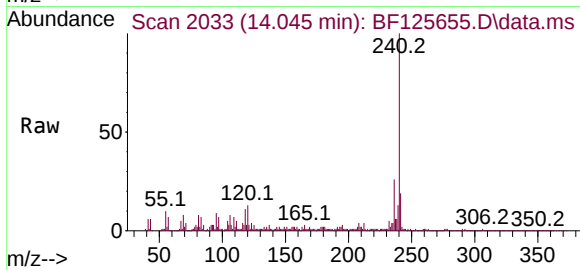




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

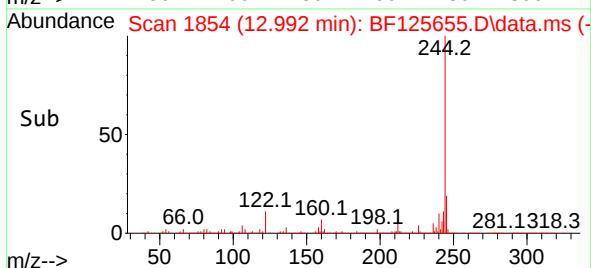
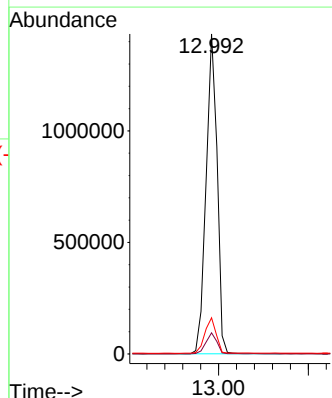
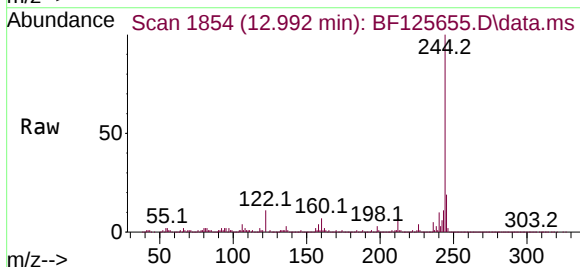
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-04-(6-8)

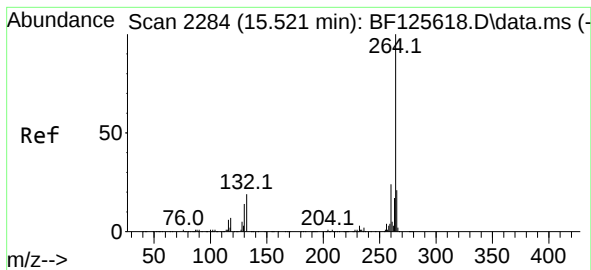
Tgt Ion:240 Resp: 337680
Ion Ratio Lower Upper
240 100
120 12.5 10.8 16.2
236 25.9 21.6 32.4



#79
Terphenyl-d14
Concen: 62.701 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

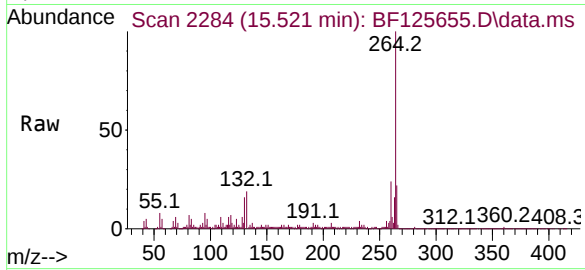
Tgt Ion:244 Resp: 1222626
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 11.3 9.0 13.4





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.521 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BF125655.D
Acq: 25 Sep 2021 14:25

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-04-(6-8)



Tgt Ion:264 Resp: 380830

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.6	29.4
265	21.5	17.2	25.8

