

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092521\
 Data File : BF125656.D
 Acq On : 25 Sep 2021 14:55
 Operator : JU/CG
 Sample : M3922-04
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUB-SLAB-02-(43-45)

Quant Time: Sep 27 01:21:55 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)

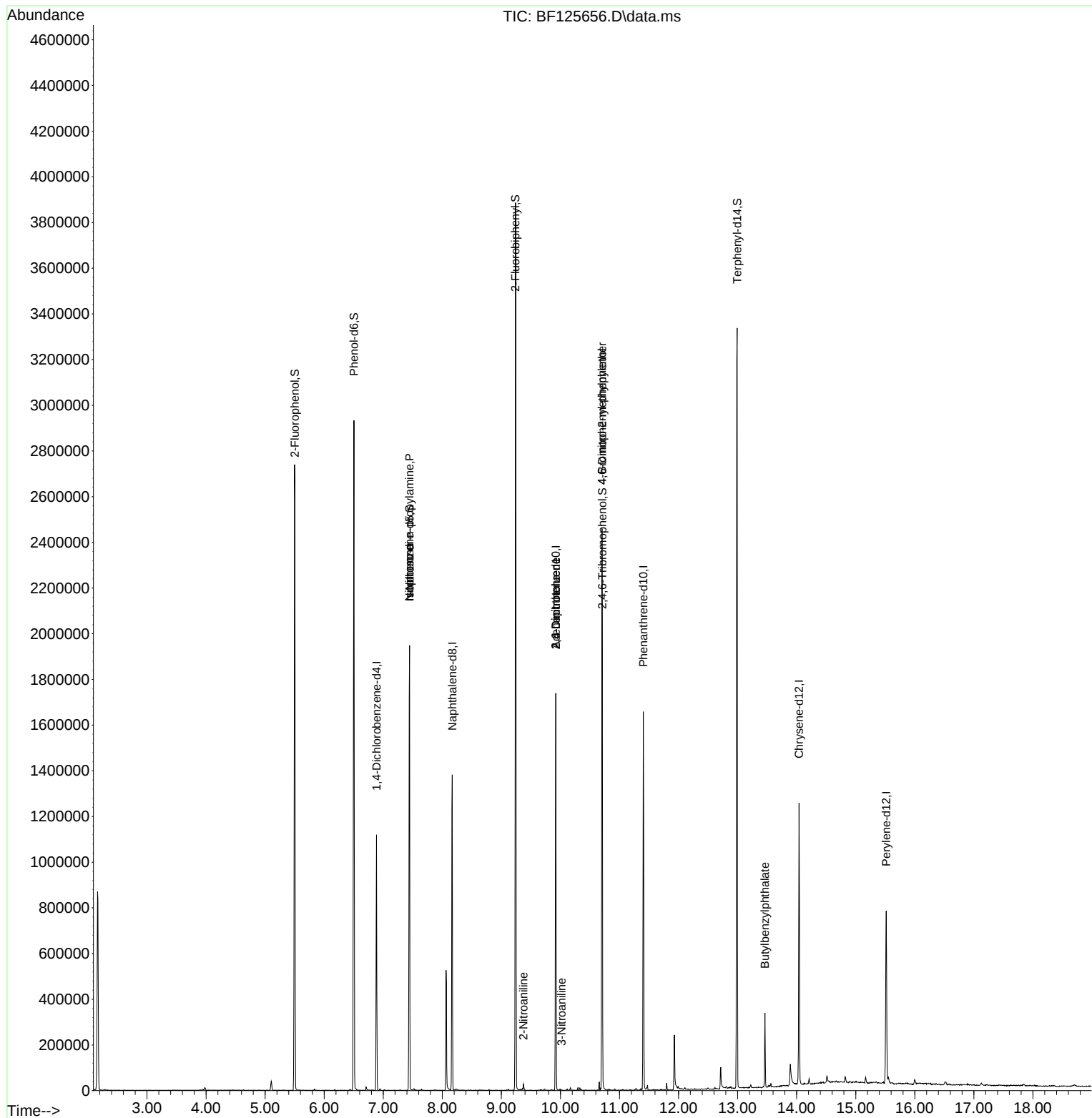
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	154942	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	634922	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	335396	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	583221	20.000	ng	0.00
76) Chrysene-d12	14.039	240	398159	20.000	ng	0.00
86) Perylene-d12	15.515	264	330421	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	878863	93.453	ng	0.00
7) Phenol-d6	6.504	99	1060944	83.913	ng	0.00
23) Nitrobenzene-d5	7.445	82	627324	68.916	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	309445	98.955	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1239396	62.924	ng	-0.01
79) Terphenyl-d14	12.992	244	1205247	52.421	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1467	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	78579	10.916	ng	# 48
25) Isophorone	7.445	82	627318	30.772	ng	# 59
48) 2-Nitroaniline	9.375	65	504	4.253	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	41389	12.337	ng	# 27
53) 3-Nitroaniline	10.022	138	107	3.162	ng	# 9
57) 2,4-Dinitrotoluene	9.922	165	41389	11.291	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	596	9.184	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	17369	2.838	ng	# 1
80) Butylbenzylphthalate	13.463	149	67041	5.626	ng	99

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

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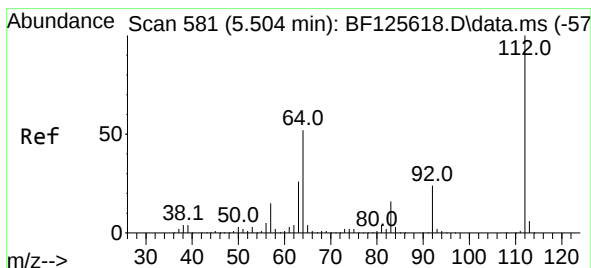
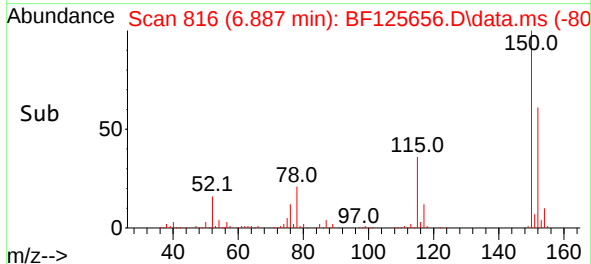
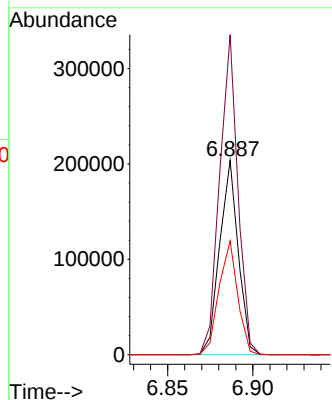
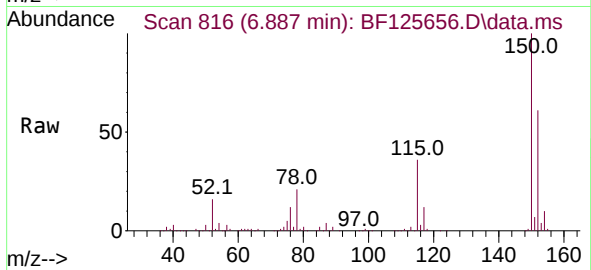




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

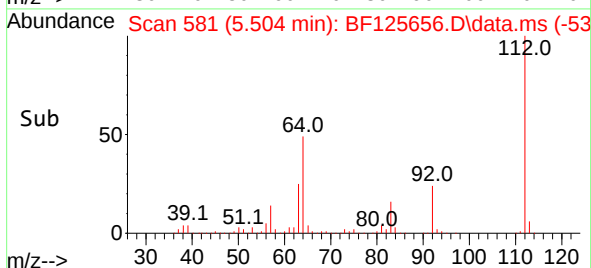
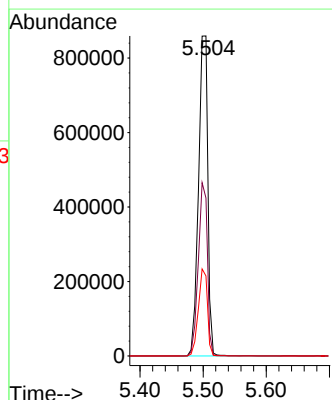
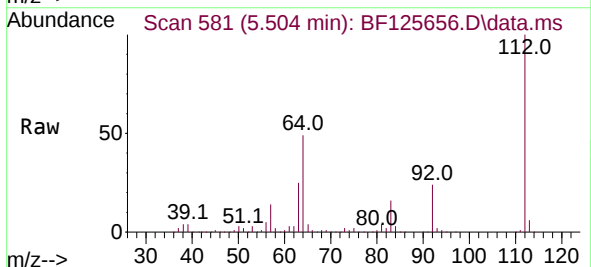
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-02-(43-45)

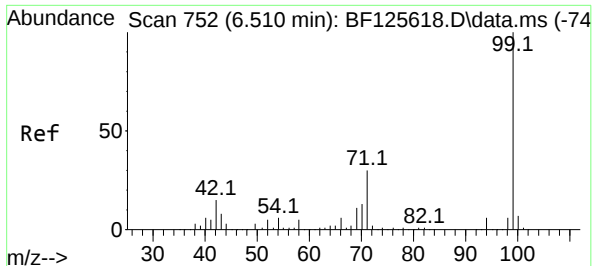
Tgt Ion:152 Resp: 154942
Ion Ratio Lower Upper
152 100
150 164.8 117.6 176.4
115 58.6 47.1 70.7



#5
2-Fluorophenol
Concen: 93.453 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

Tgt Ion:112 Resp: 878863
Ion Ratio Lower Upper
112 100
64 49.4 44.2 66.2
63 25.0 26.2 39.2#

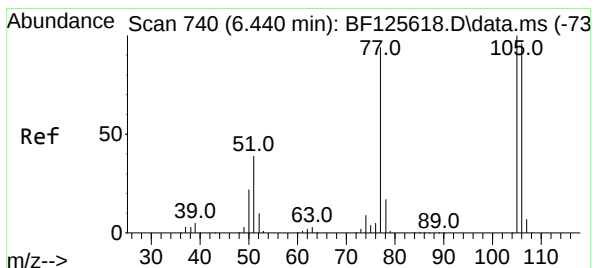
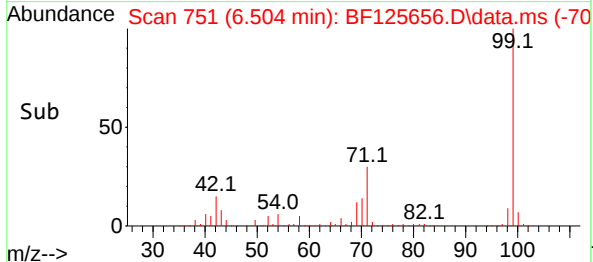
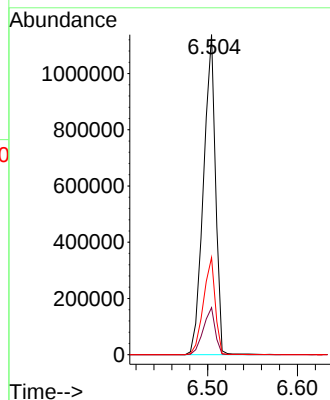
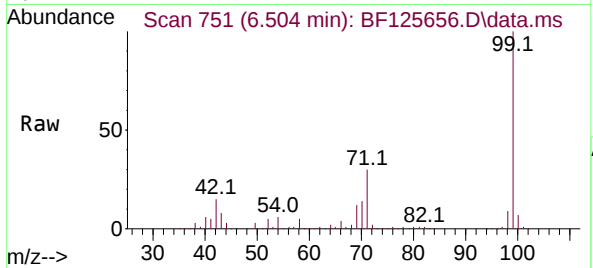




#7
Phenol-d6
Concen: 83.913 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

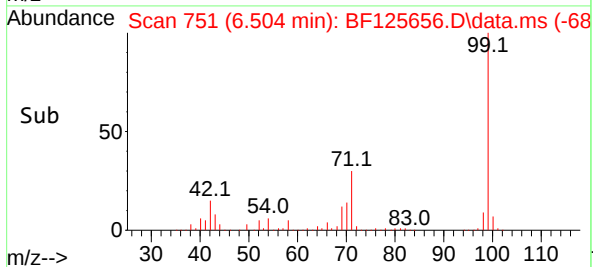
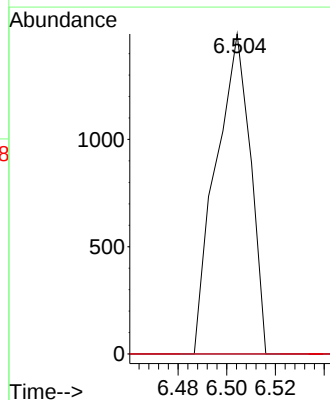
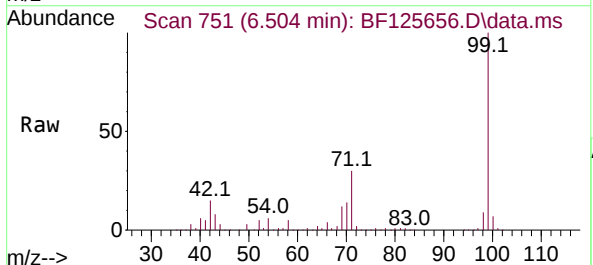
Instrument :
BNA_F
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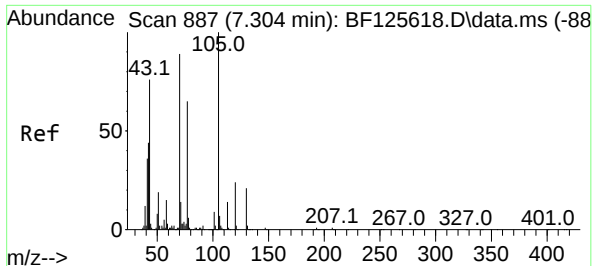
Tgt Ion: 99 Resp: 1060944
Ion Ratio Lower Upper
99 100
42 14.7 23.5 35.3#
71 30.4 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

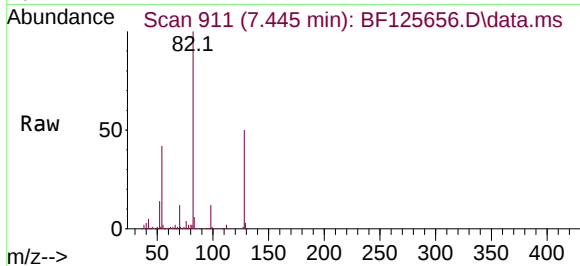
Tgt Ion: 77 Resp: 1467
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



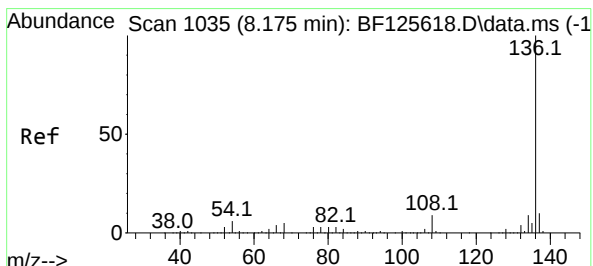
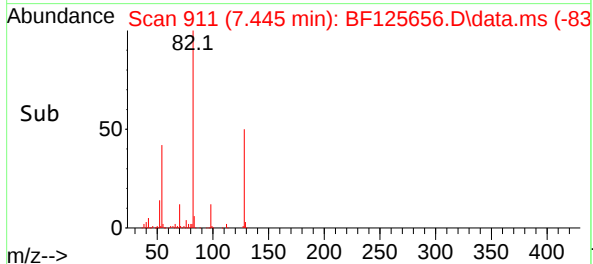
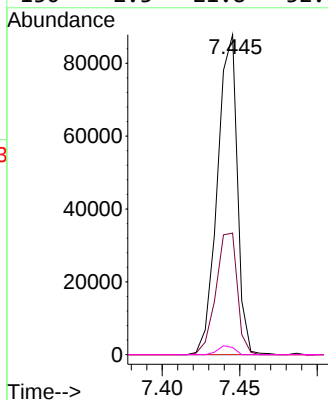


#19
n-Nitroso-di-n-propylamine
Concen: 10.916 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-02-(43-45)

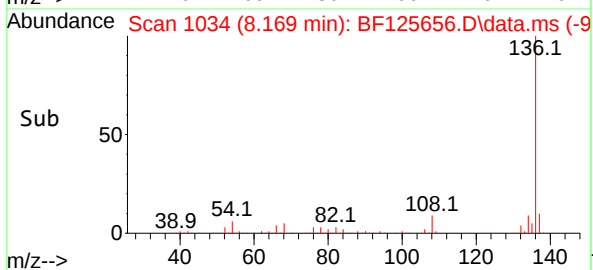
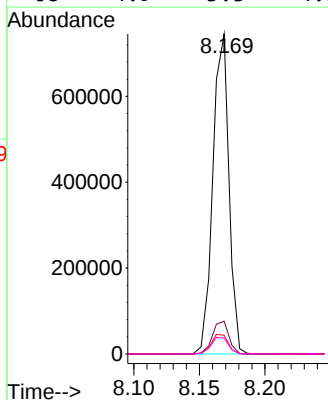
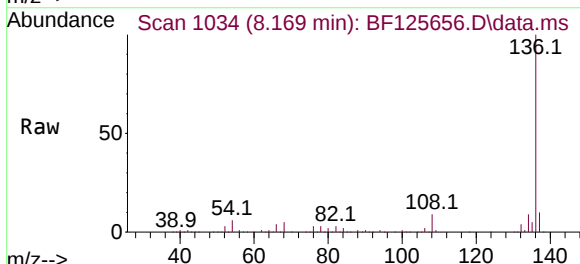


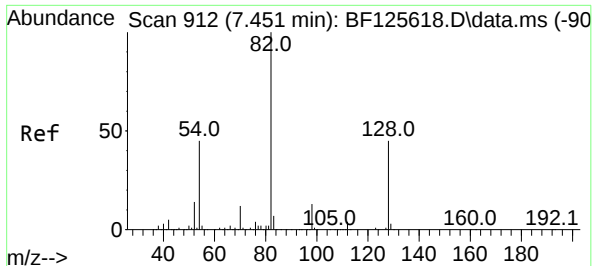
Tgt Ion: 70 Resp: 78579
Ion Ratio Lower Upper
70 100
42 38.0 72.2 108.2#
101 0.0 7.8 11.8#
130 2.3 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

Tgt Ion: 136 Resp: 634922
Ion Ratio Lower Upper
136 100
137 10.3 9.8 14.6
54 5.8 6.4 9.6#
68 4.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 68.916 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125656.D

Acq: 25 Sep 2021 14:55

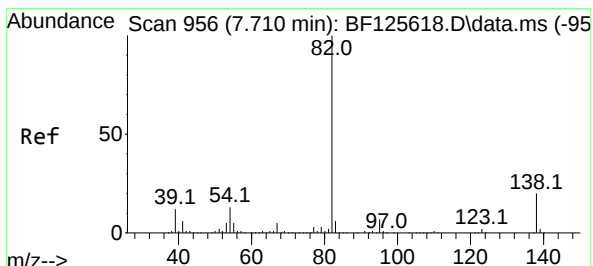
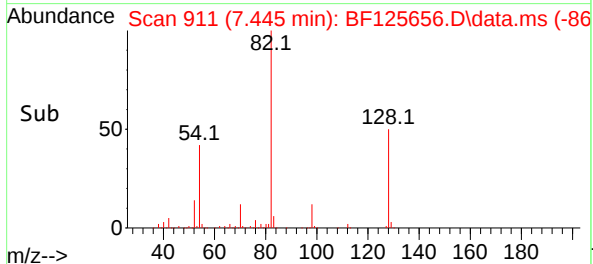
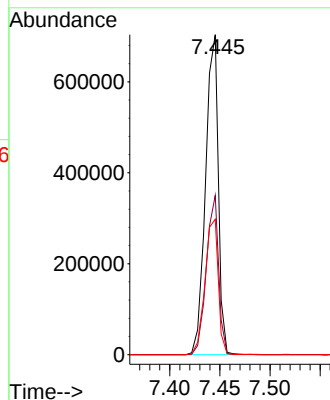
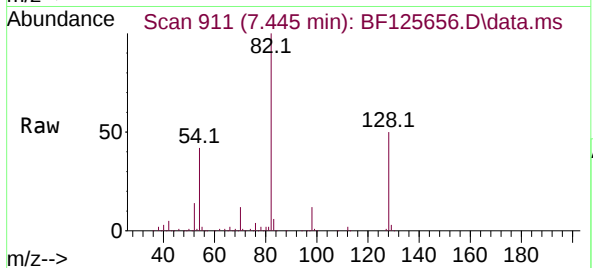
Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:	82	Resp:	627324
Ion	Ratio	Lower	Upper
82	100		
128	49.7	40.6	60.8
54	42.3	49.6	74.4#



#25

Isophorone

Concen: 30.772 ng

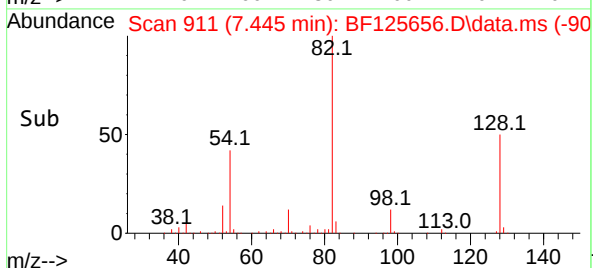
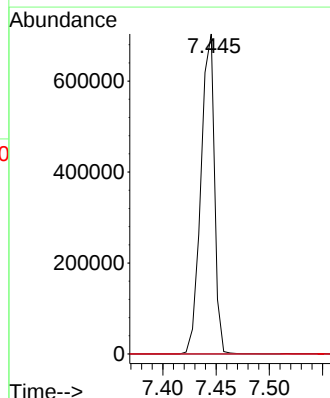
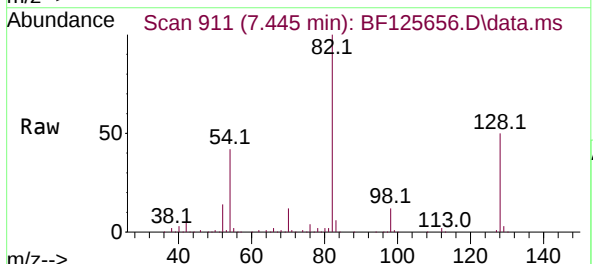
RT: 7.445 min Scan# 911

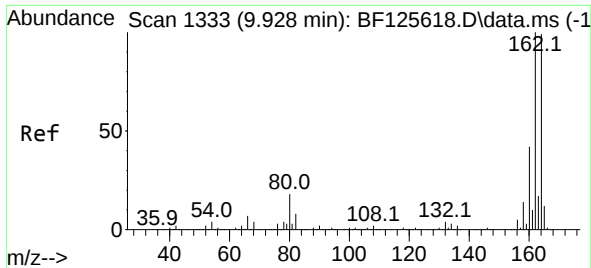
Delta R.T. -0.265 min

Lab File: BF125656.D

Acq: 25 Sep 2021 14:55

Tgt Ion:	82	Resp:	627318
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.5	9.7#
138	0.0	18.4	27.6#

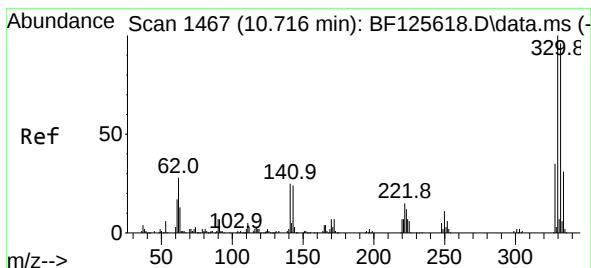
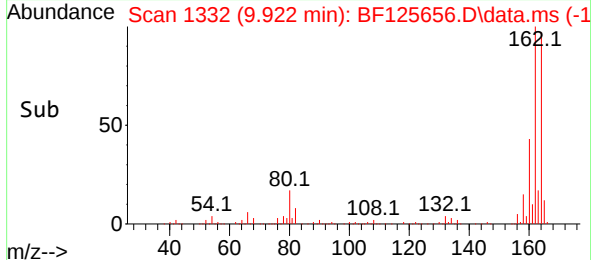
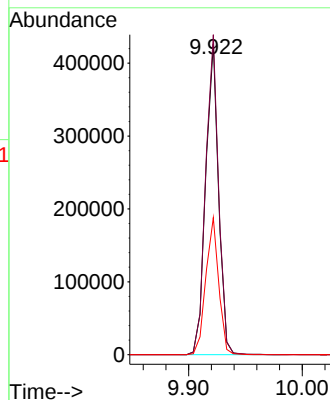
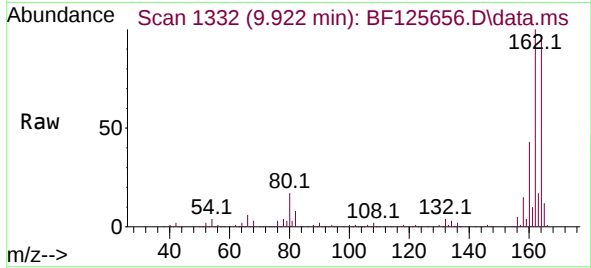




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

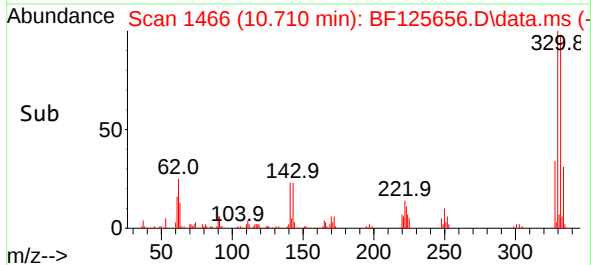
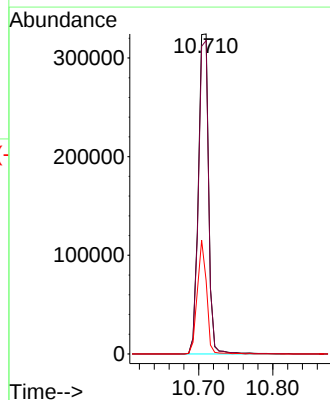
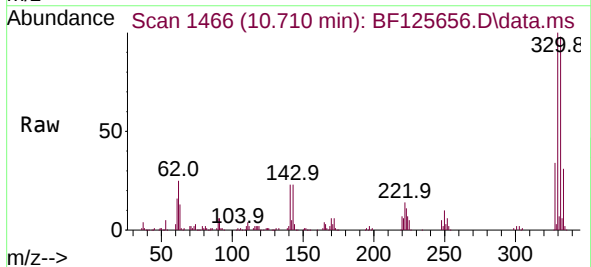
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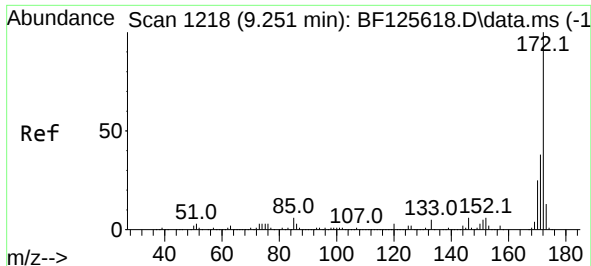
Tgt Ion:164 Resp: 335396
Ion Ratio Lower Upper
164 100
162 103.0 81.3 121.9
160 44.0 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 98.955 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.006 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

Tgt Ion:330 Resp: 309445
Ion Ratio Lower Upper
330 100
332 97.3 76.2 114.4
141 32.0 44.6 66.8#

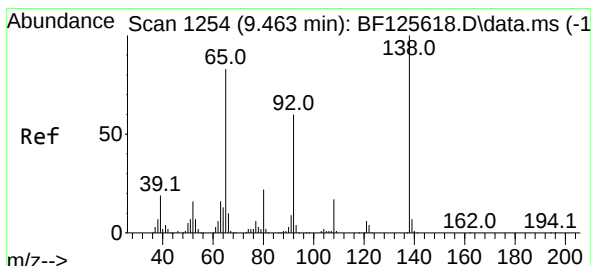
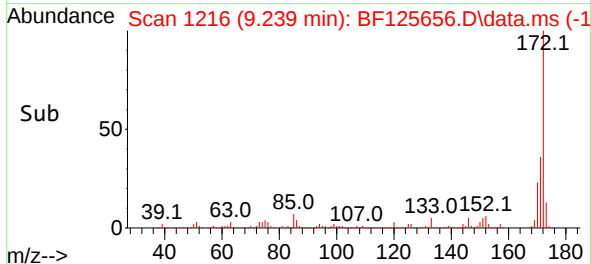
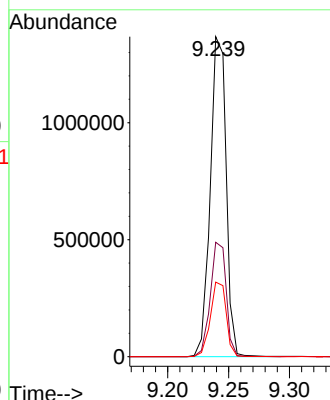
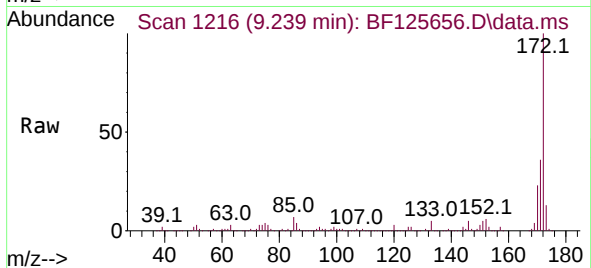




#45
2-Fluorobiphenyl
Concen: 62.924 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

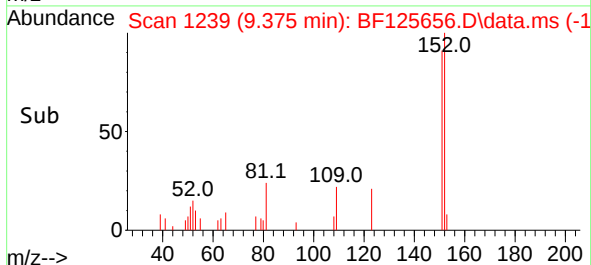
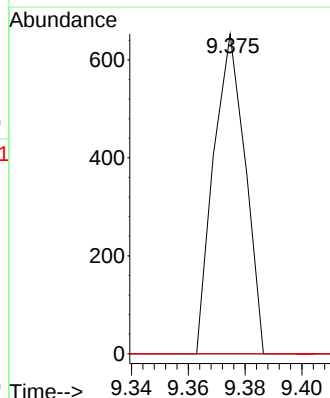
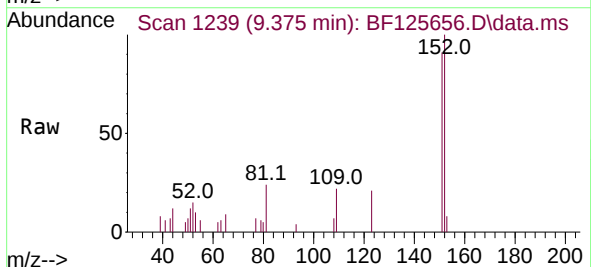
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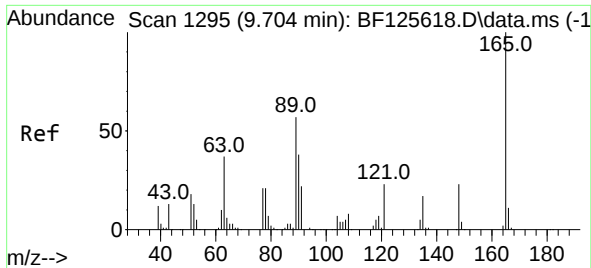
Tgt Ion:172 Resp: 1239396
Ion Ratio Lower Upper
172 100
171 35.7 26.5 39.7
170 23.3 18.8 28.2



#48
2-Nitroaniline
Concen: 4.253 ng
RT: 9.375 min Scan# 1239
Delta R.T. -0.088 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

Tgt Ion: 65 Resp: 504
Ion Ratio Lower Upper
65 100
92 0.0 55.5 83.3#
138 0.0 93.5 140.3#

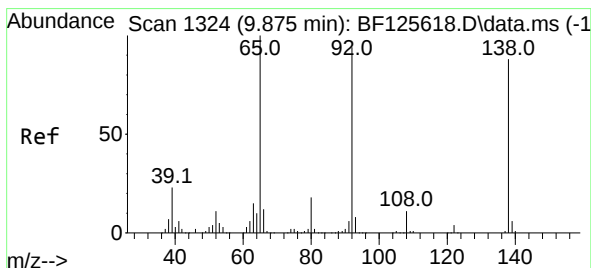
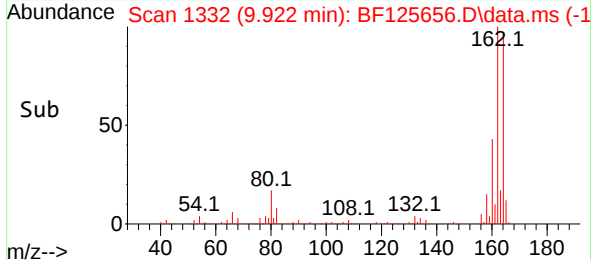
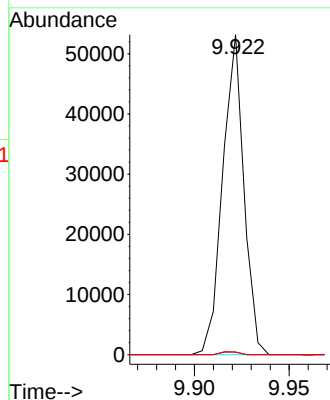
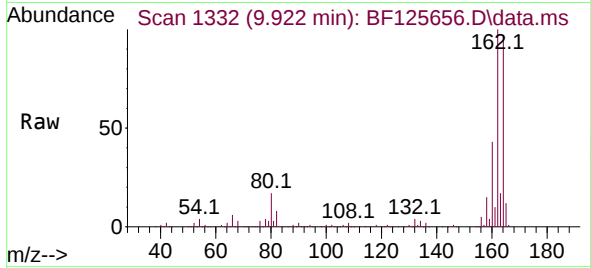




#51
2,6-Dinitrotoluene
Concen: 12.337 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

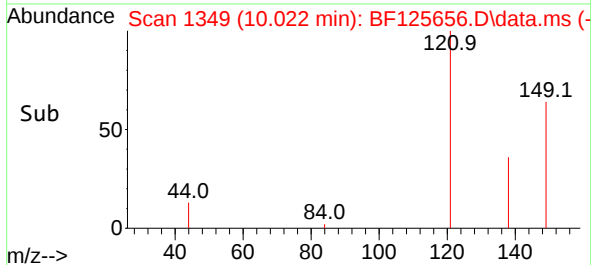
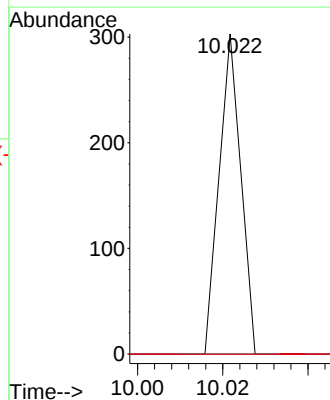
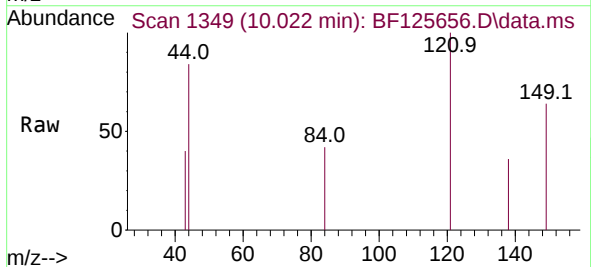
Instrument :
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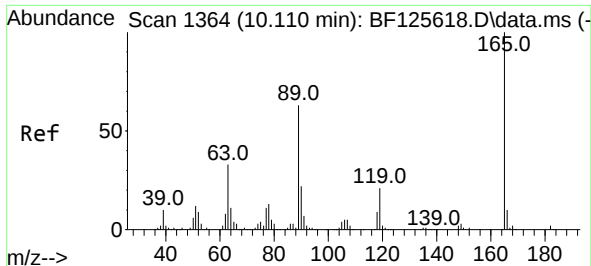
Tgt Ion:165 Resp: 41389
Ion Ratio Lower Upper
165 100
63 0.8 42.6 63.8#
89 0.9 40.6 60.8#



#53
3-Nitroaniline
Concen: 3.162 ng
RT: 10.022 min Scan# 1349
Delta R.T. 0.147 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

Tgt Ion:138 Resp: 107
Ion Ratio Lower Upper
138 100
108 0.0 9.3 13.9#
92 0.0 76.5 114.7#

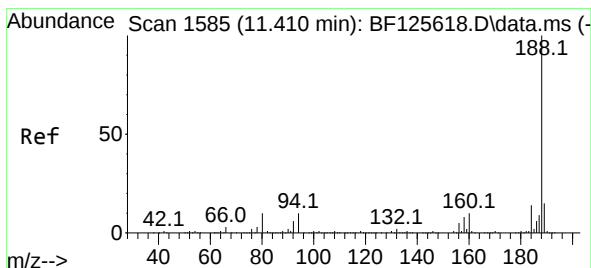
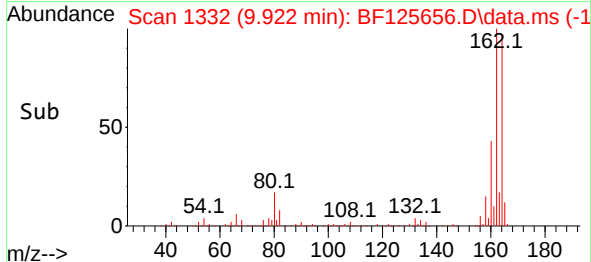
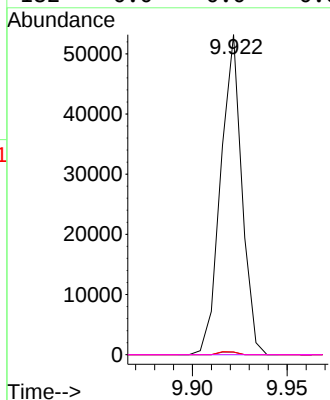
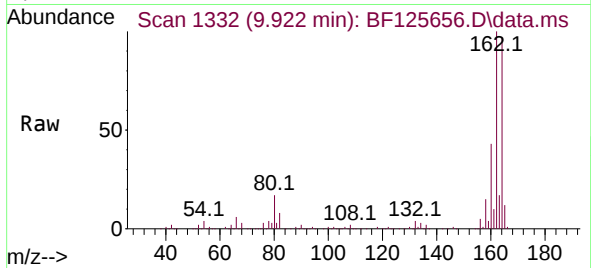




#57
2,4-Dinitrotoluene
Concen: 11.291 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

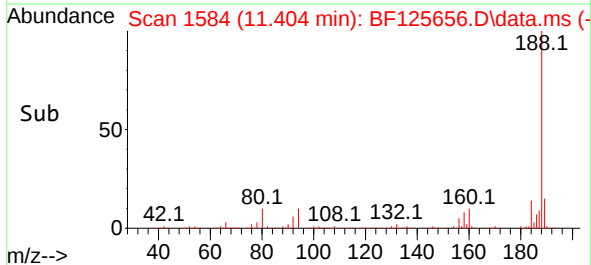
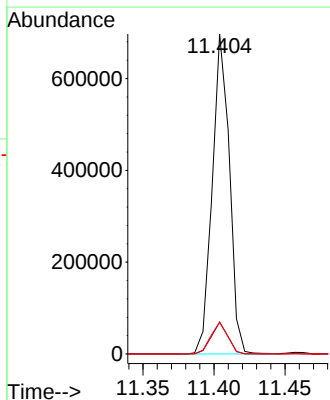
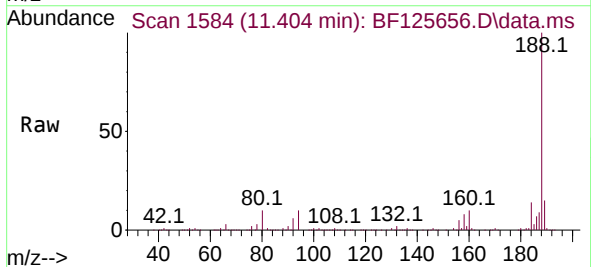
Instrument :
BNA_F
ClientSampleId :
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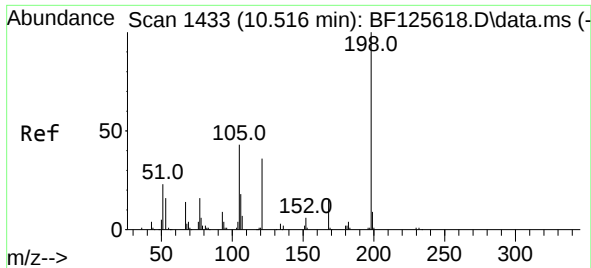
Tgt Ion:165	Resp:	41389
Ion Ratio	Lower	Upper
165	100	
63	0.8	40.9 61.3#
89	0.9	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

Tgt Ion:188	Resp:	583221
Ion Ratio	Lower	Upper
188	100	
94	10.0	6.7 10.1
80	9.9	7.5 11.3

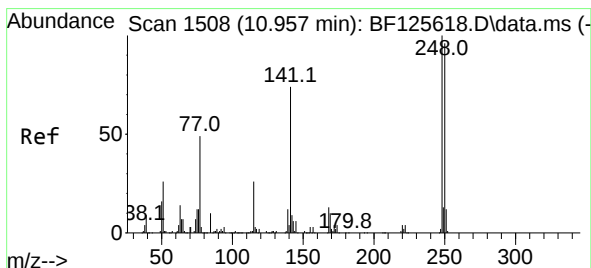
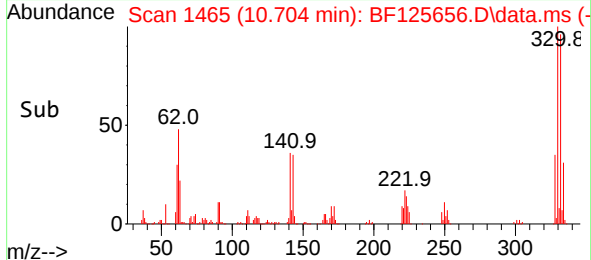
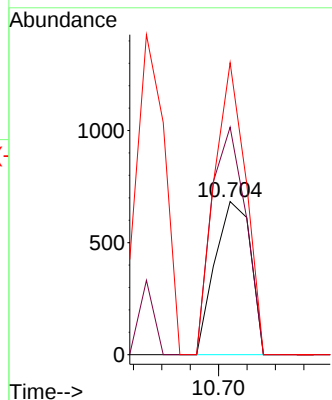
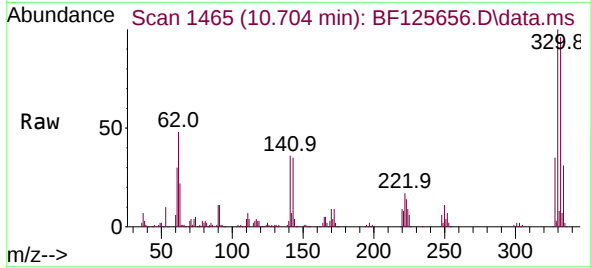




#65
4,6-Dinitro-2-methylphenol
Concen: 9.184 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

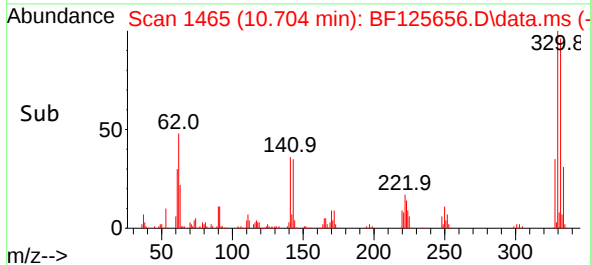
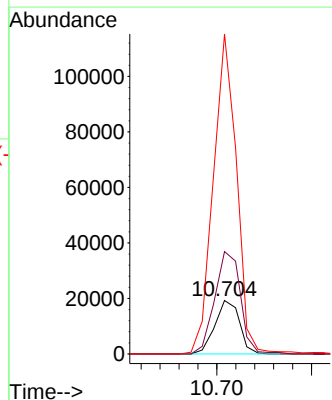
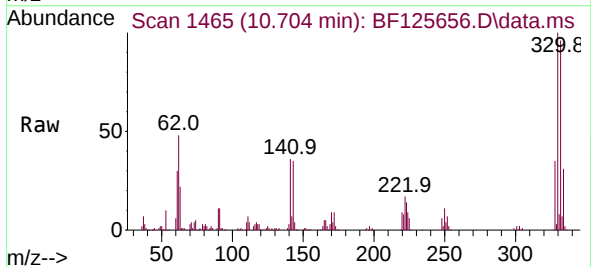
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-02-(43-45)

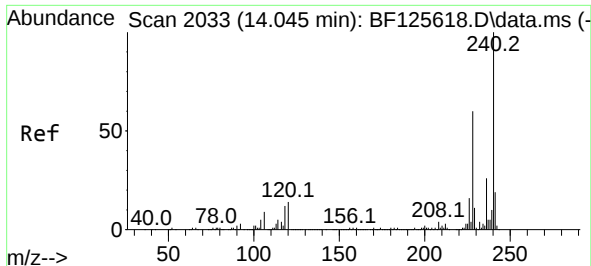
Tgt Ion:198 Resp: 596
Ion Ratio Lower Upper
198 100
51 148.6 45.3 85.3#
105 190.8 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 2.838 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.253 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

Tgt Ion:248 Resp: 17369
Ion Ratio Lower Upper
248 100
250 191.3 74.2 111.4#
141 597.8 60.4 90.6#

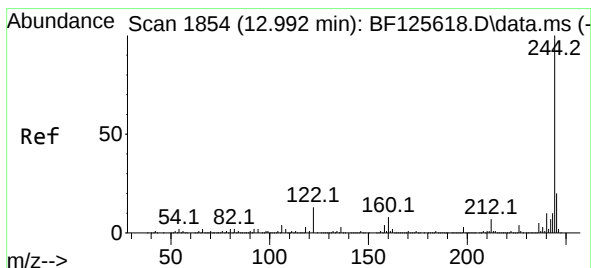
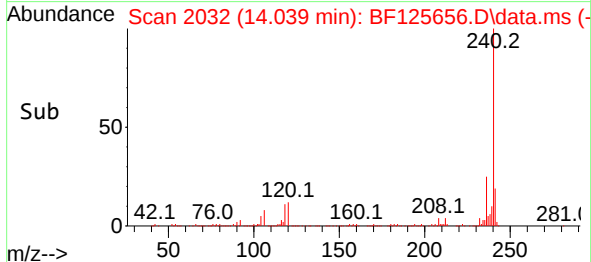
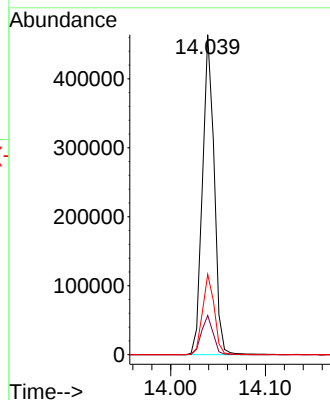
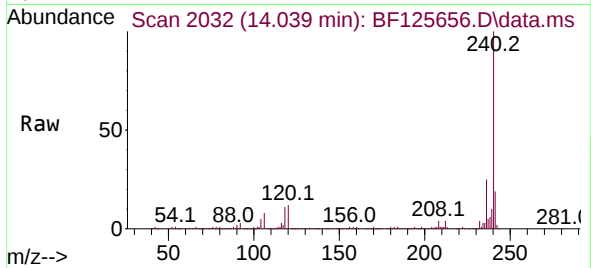




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

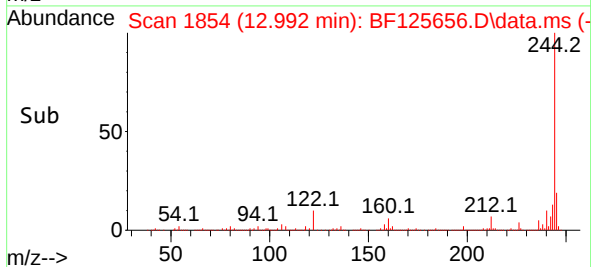
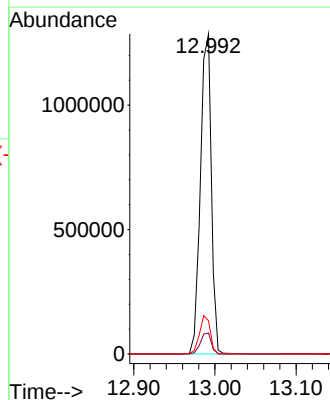
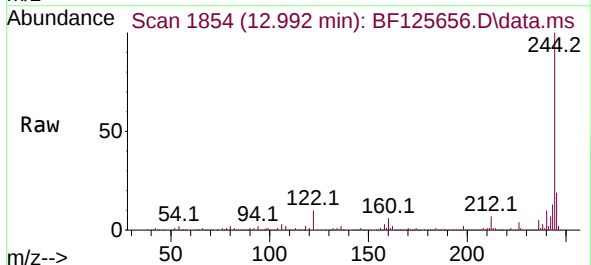
Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-02-(43-45)

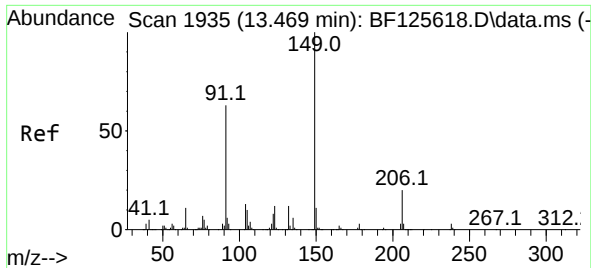
Tgt Ion:240 Resp: 398159
Ion Ratio Lower Upper
240 100
120 12.3 10.8 16.2
236 25.1 21.6 32.4



#79
Terphenyl-d14
Concen: 52.421 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

Tgt Ion:244 Resp: 1205247
Ion Ratio Lower Upper
244 100
212 6.6 5.9 8.9
122 10.4 9.0 13.4

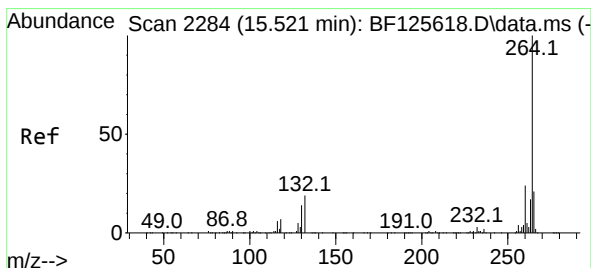
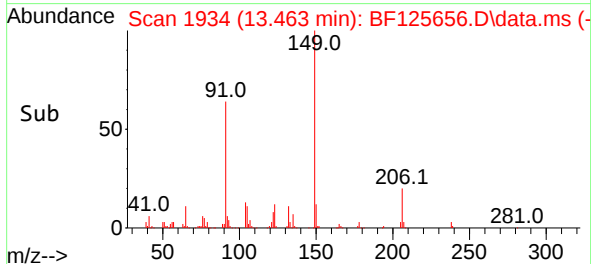
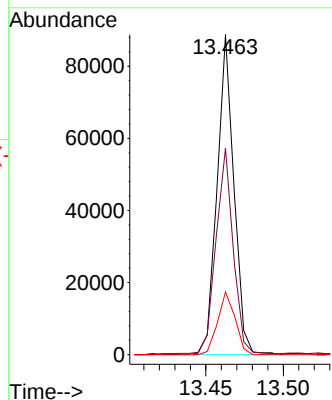
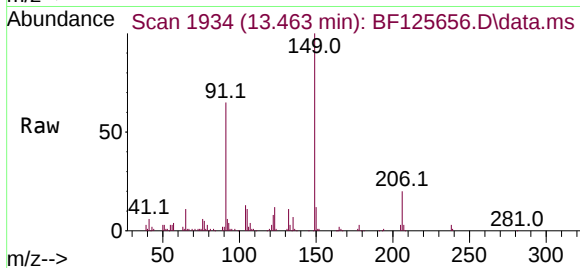




#80
Butylbenzylphthalate
Concen: 5.626 ng
RT: 13.463 min Scan# 1934
Delta R.T. -0.006 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

Instrument :
BNA_F
ClientSampleId :
SUB-SLAB-02-(43-45)

Tgt Ion:149	Resp:	67041
Ion Ratio	Lower	Upper
149	100	
91	64.6	51.8 77.8
206	19.6	14.5 21.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2283
Delta R.T. -0.006 min
Lab File: BF125656.D
Acq: 25 Sep 2021 14:55

Tgt Ion:264	Resp:	330421
Ion Ratio	Lower	Upper
264	100	
260	23.6	19.6 29.4
265	22.1	17.2 25.8

