

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125634.D
 Acq On : 24 Sep 2021 22:23
 Operator : JU/CG
 Sample : M3916-10
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 03:02:00 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)

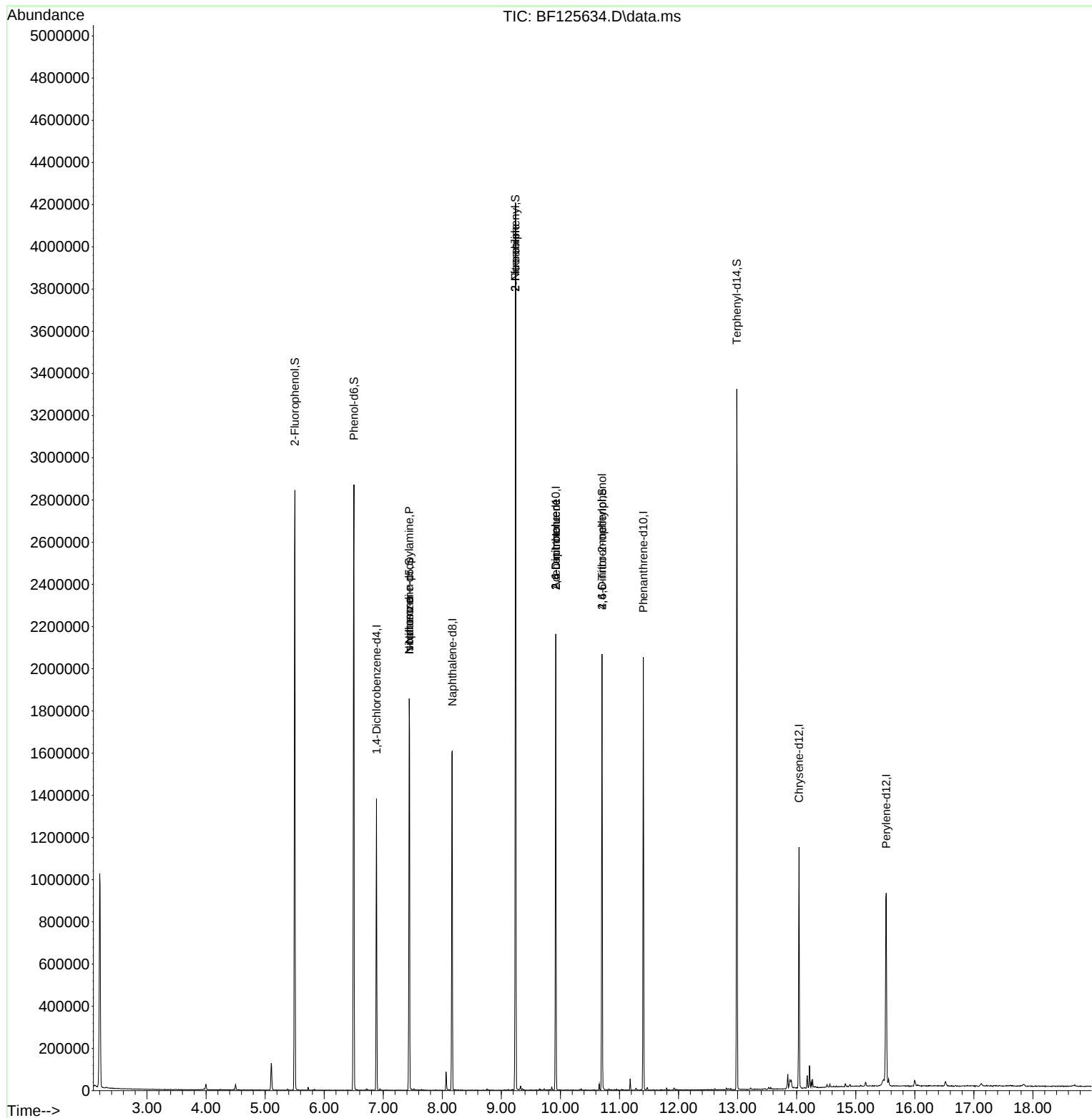
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.886	152	197876	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	818549	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	418864	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	682767	20.000	ng	0.00
76) Chrysene-d12	14.039	240	358814	20.000	ng	0.00
86) Perylene-d12	15.515	264	421174	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	864948	72.018	ng	0.00
7) Phenol-d6	6.504	99	1091550	67.602	ng	0.00
23) Nitrobenzene-d5	7.439	82	649372	55.334	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	241675	61.883	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	1383400	54.552	ng	-0.01
79) Terphenyl-d14	12.986	244	1115437	53.835	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.504	77	1577	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.439	70	80637	8.771	ng	# 52
25) Isophorone	7.439	82	646889	24.613	ng	# 59
48) 2-Nitroaniline	9.239	65	1809	4.431	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	53915	12.691	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	53915	11.570	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	473	9.129	ng	# 1

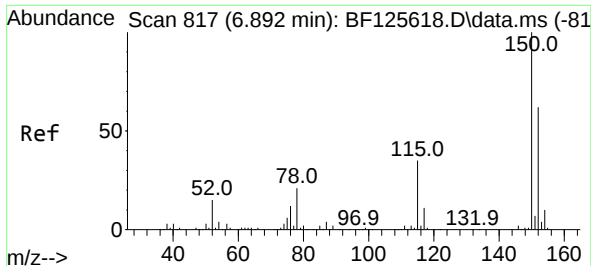
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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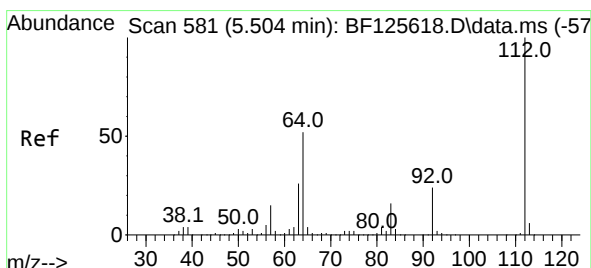
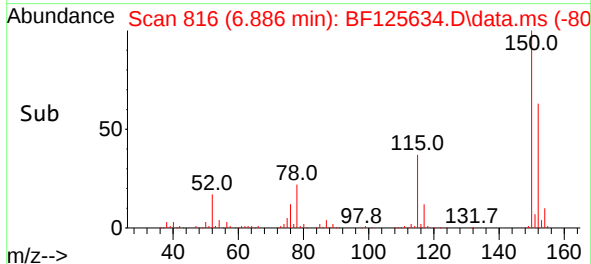
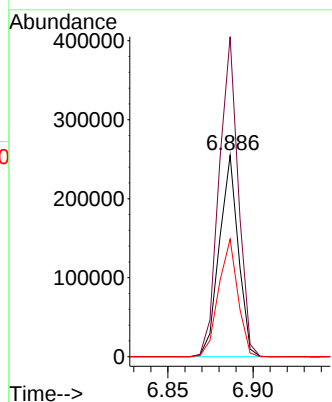
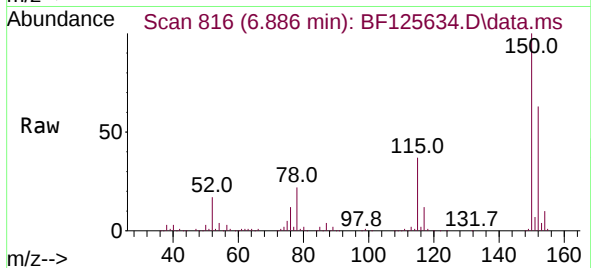




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

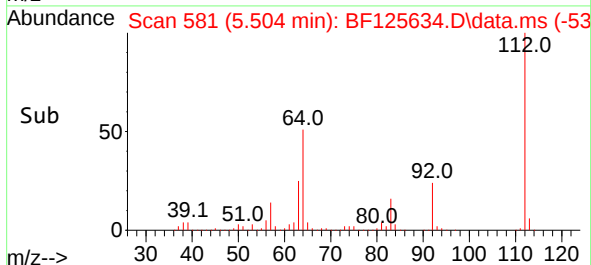
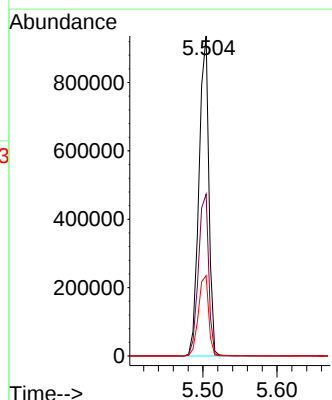
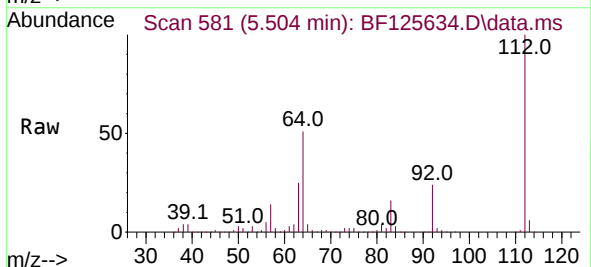
Instrument :
BNA_F
ClientSampleId :

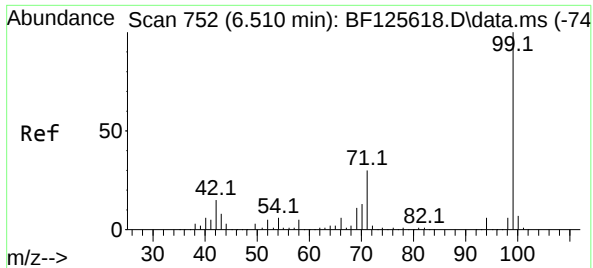
Tgt Ion:152 Resp: 197876
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 58.4 47.1 70.7



#5
2-Fluorophenol
Concen: 72.018 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion:112 Resp: 864948
Ion Ratio Lower Upper
112 100
64 50.6 44.2 66.2
63 25.1 26.2 39.2#

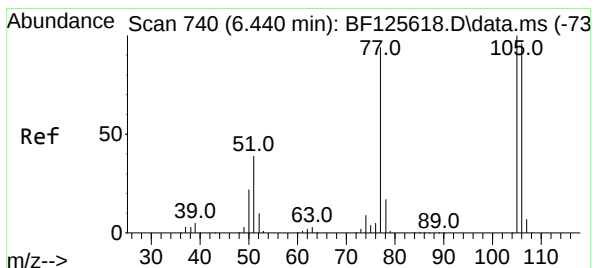
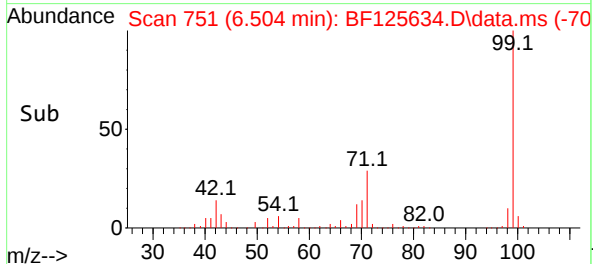
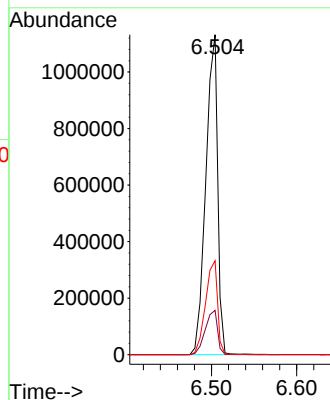
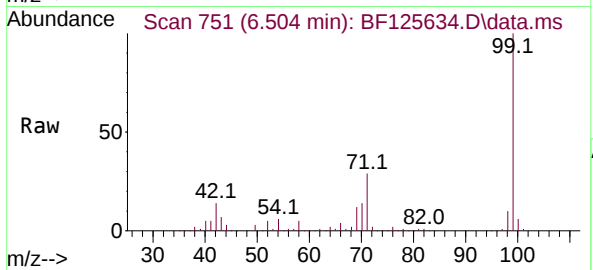




#7
Phenol-d6
Concen: 67.602 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

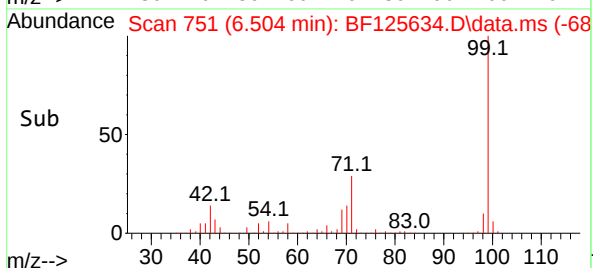
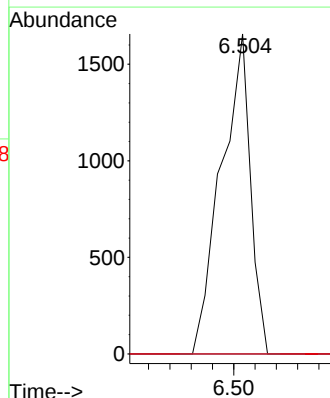
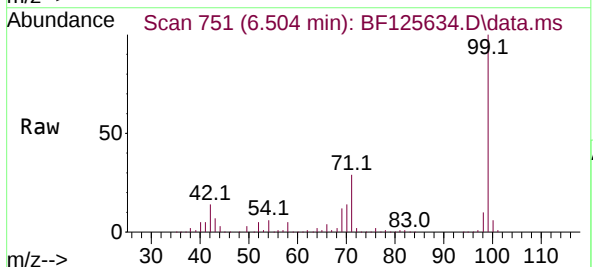
Instrument :
BNA_F
ClientSampleId :

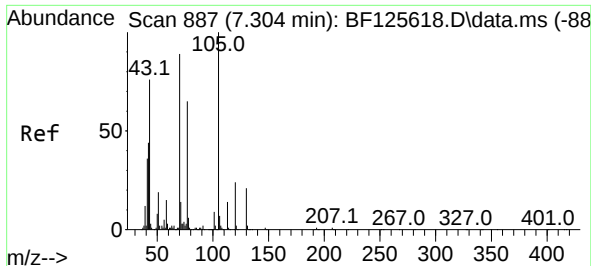
Tgt Ion: 99 Resp: 1091550
Ion Ratio Lower Upper
99 100
42 13.9 23.5 35.3#
71 29.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion: 77 Resp: 1577
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#

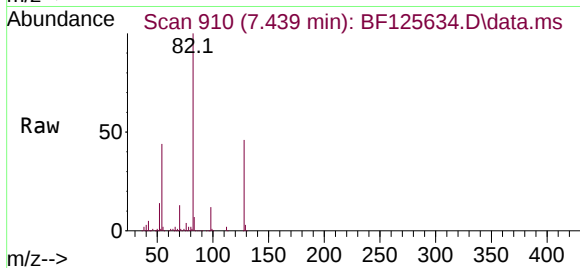




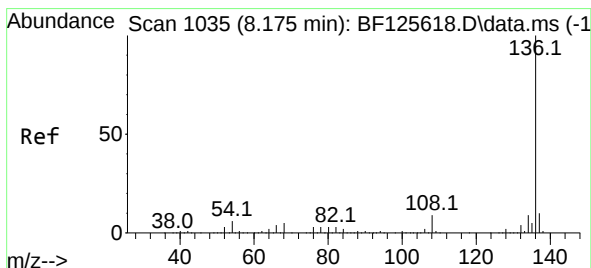
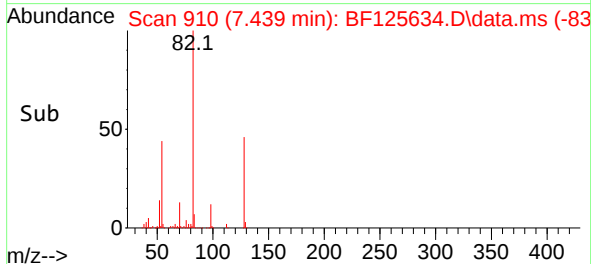
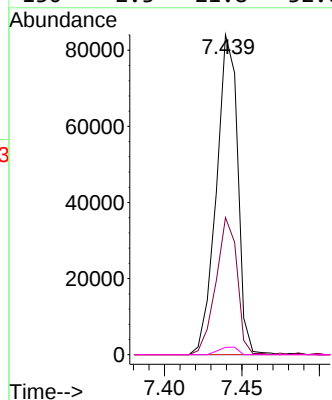
#19

n-Nitroso-di-n-propylamine
Concen: 8.771 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.135 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Instrument :
BNA_F
ClientSampleId :



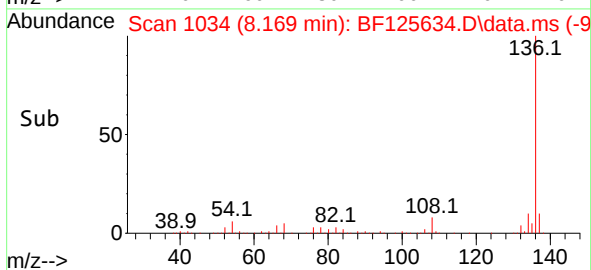
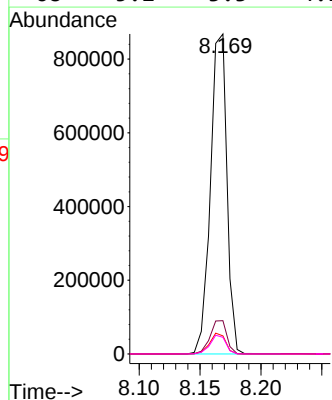
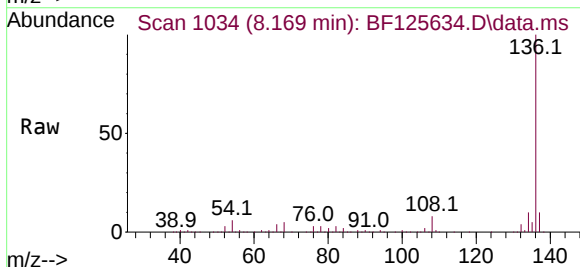
Tgt Ion: 70	Resp: 80637
Ion Ratio	Lower Upper
70 100	
42 42.8	72.2 108.2#
101 0.0	7.8 11.8#
130 2.3	21.8 32.6#

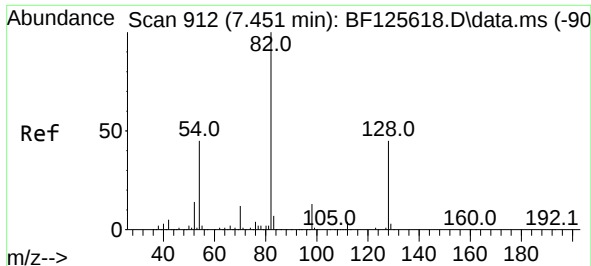


#21

Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion: 136	Resp: 818549
Ion Ratio	Lower Upper
136 100	
137 10.4	9.8 14.6
54 5.7	6.4 9.6#
68 5.2	3.3 4.9#

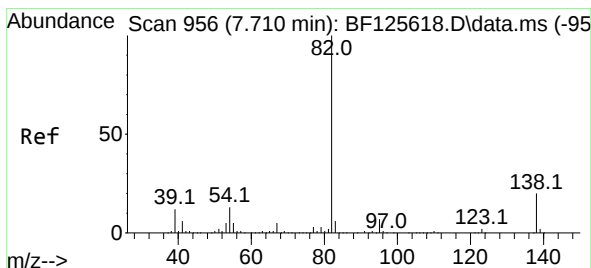
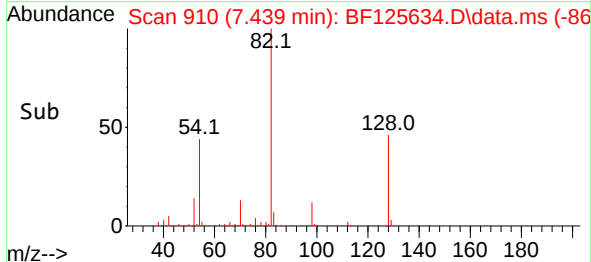
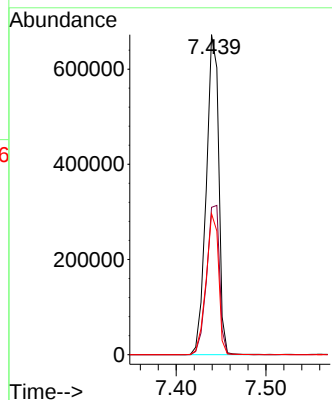
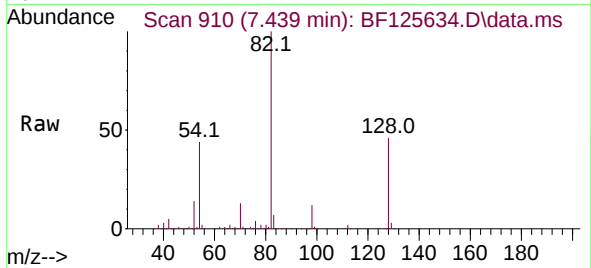




#23
Nitrobenzene-d5
Concen: 55.334 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.012 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

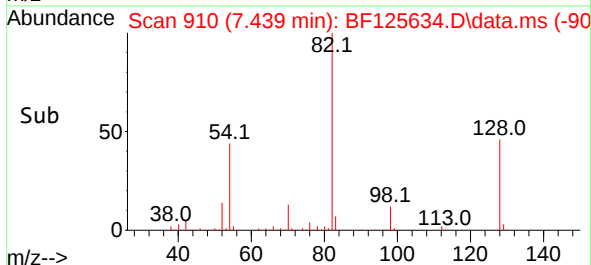
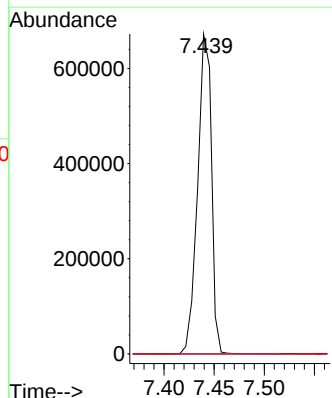
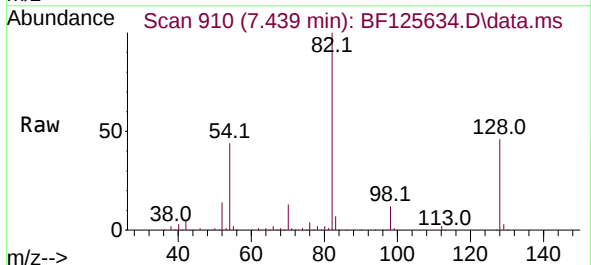
Instrument :
BNA_F
ClientSampleId :

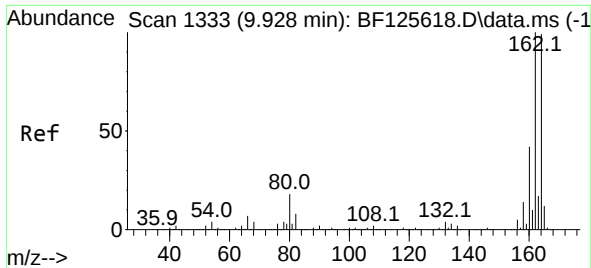
Tgt Ion: 82 Resp: 649372
Ion Ratio Lower Upper
82 100
128 46.1 40.6 60.8
54 44.0 49.6 74.4#



#25
Isophorone
Concen: 24.613 ng
RT: 7.439 min Scan# 910
Delta R.T. -0.271 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion: 82 Resp: 646889
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

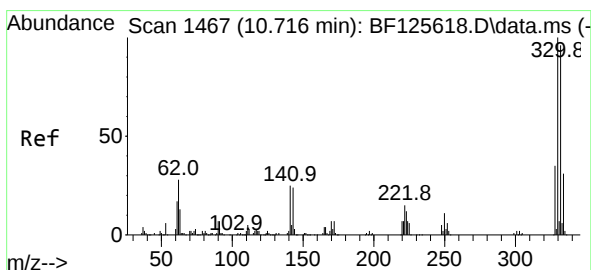
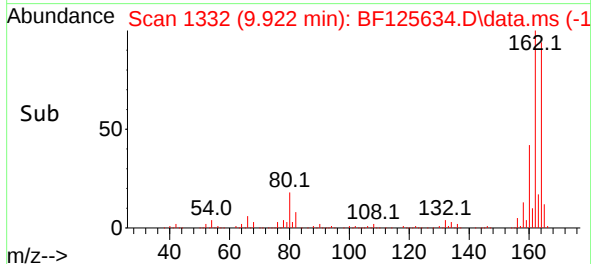
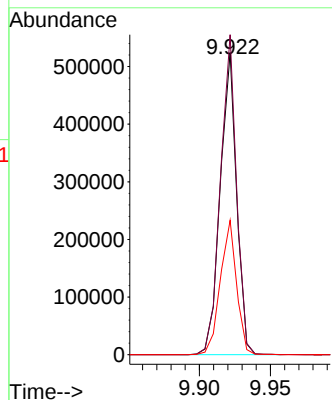
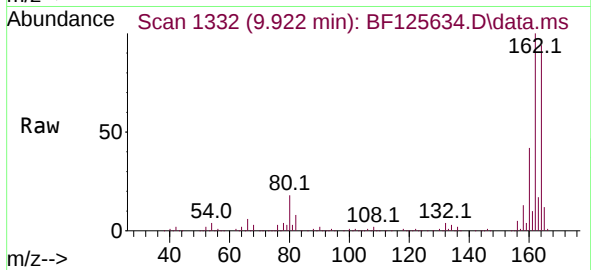




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

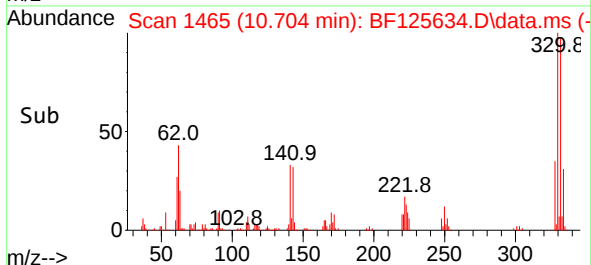
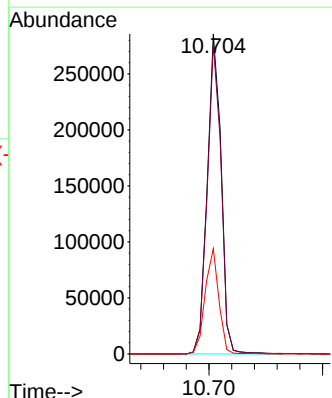
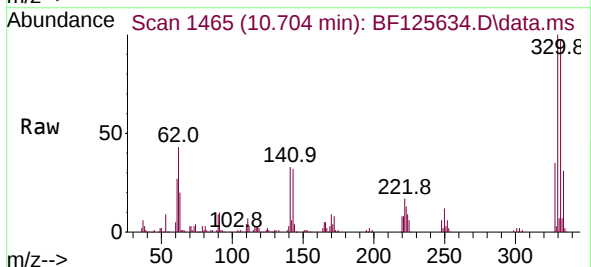
Instrument :
BNA_F
ClientSampleId :

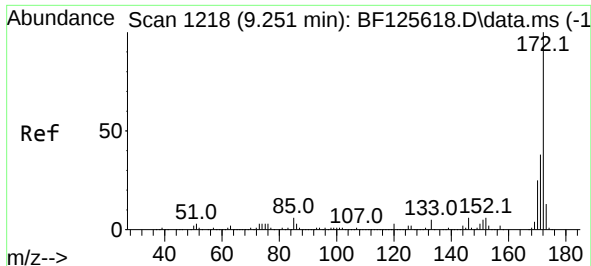
Tgt Ion:164 Resp: 418864
Ion Ratio Lower Upper
164 100
162 106.0 81.3 121.9
160 44.5 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 61.883 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion:330 Resp: 241675
Ion Ratio Lower Upper
330 100
332 97.1 76.2 114.4
141 32.6 44.6 66.8#

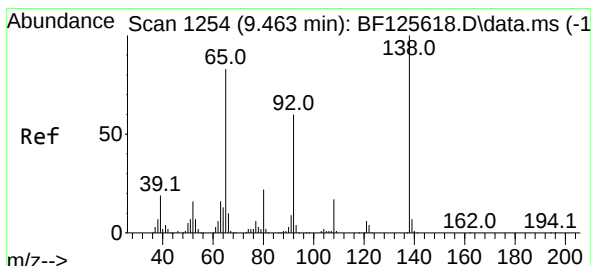
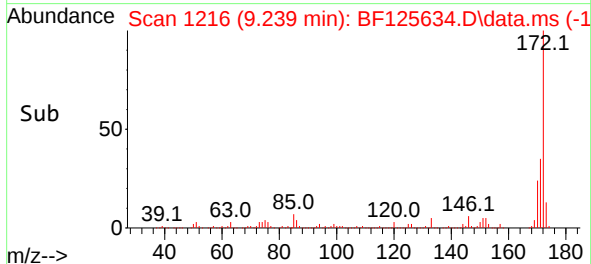
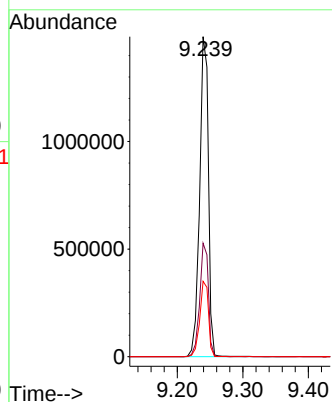
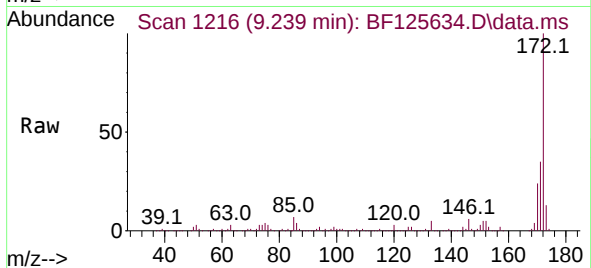




#45
2-Fluorobiphenyl
Concen: 54.552 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.012 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

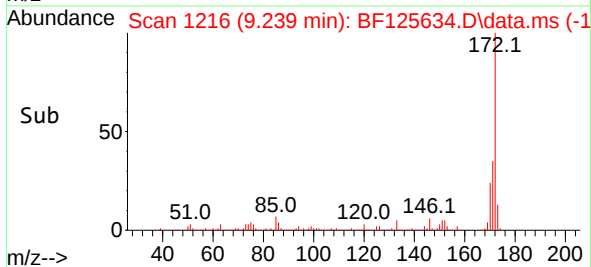
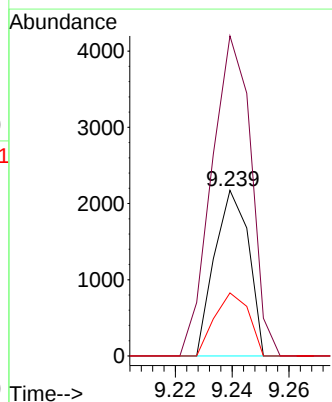
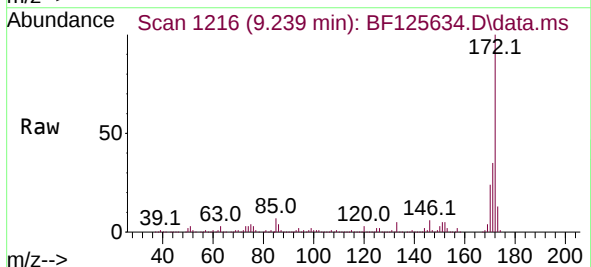
Instrument :
BNA_F
ClientSampleId :

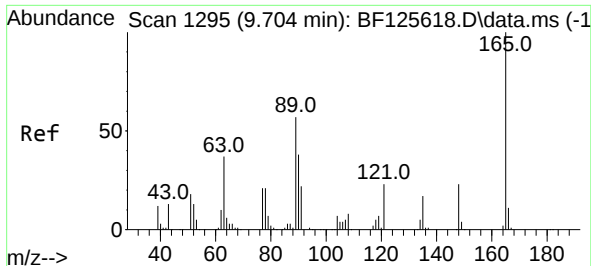
Tgt Ion:172 Resp: 1383400
Ion Ratio Lower Upper
172 100
171 35.5 26.5 39.7
170 23.5 18.8 28.2



#48
2-Nitroaniline
Concen: 4.431 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion: 65 Resp: 1809
Ion Ratio Lower Upper
65 100
92 193.3 55.5 83.3#
138 38.1 93.5 140.3#

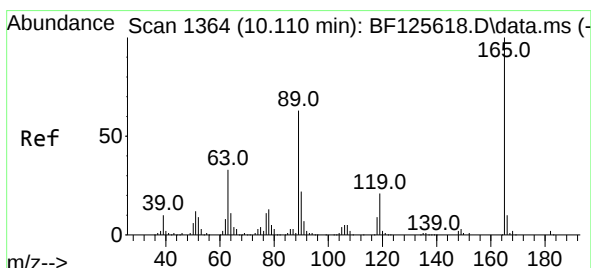
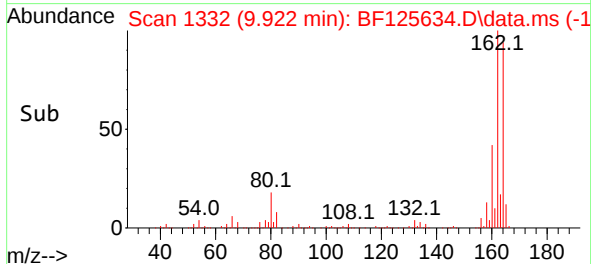
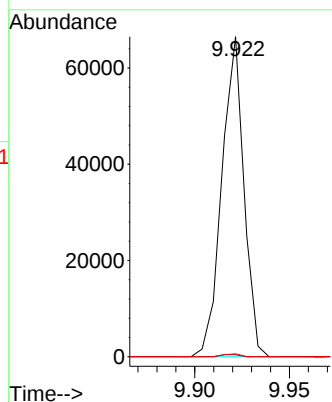
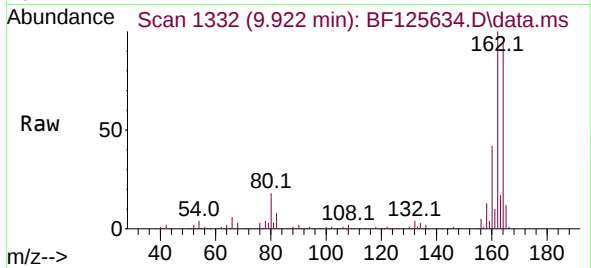




#51
2,6-Dinitrotoluene
Concen: 12.691 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

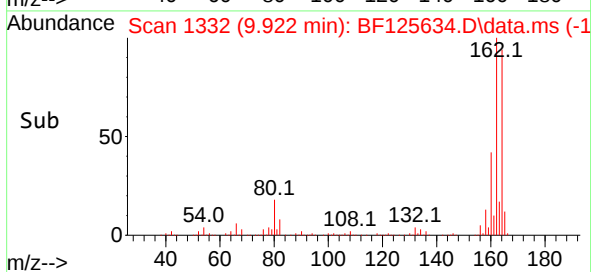
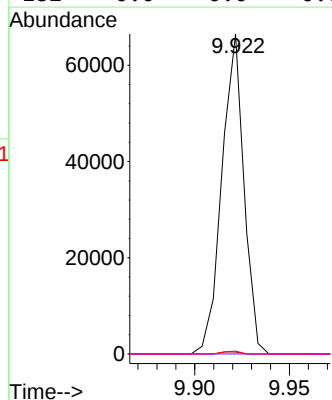
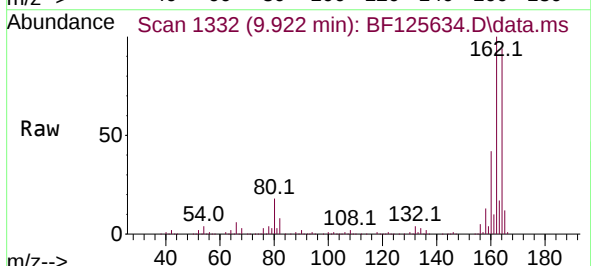
Instrument :
BNA_F
ClientSampleId :

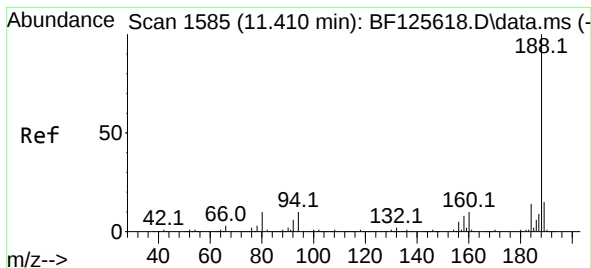
Tgt Ion:165 Resp: 53915
Ion Ratio Lower Upper
165 100
63 0.6 42.6 63.8#
89 0.9 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.570 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion:165 Resp: 53915
Ion Ratio Lower Upper
165 100
63 0.6 40.9 61.3#
89 0.9 59.7 89.5#
182 0.0 0.0 0.0

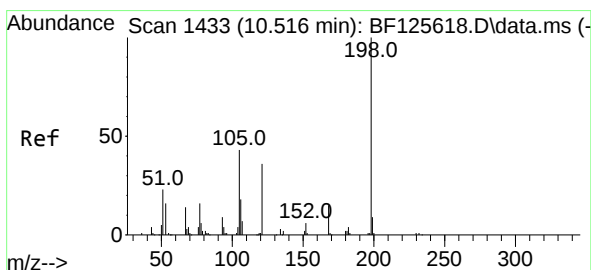
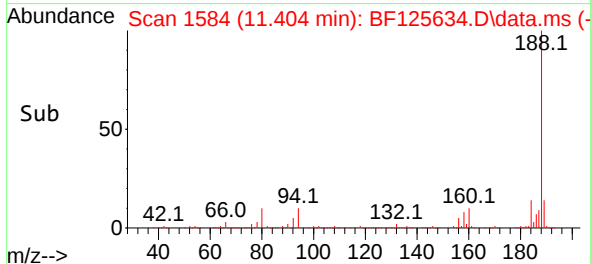
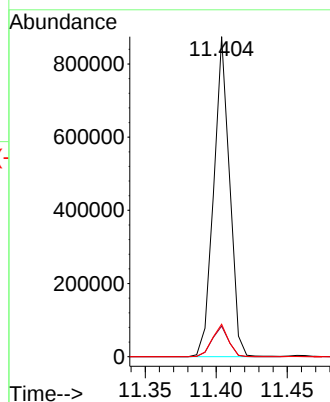
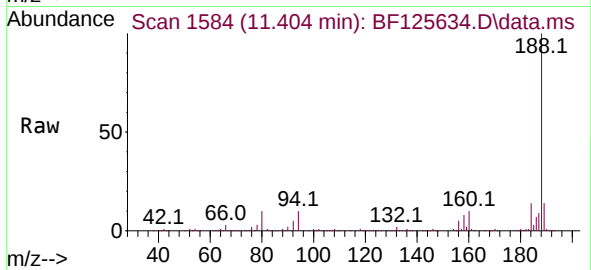




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

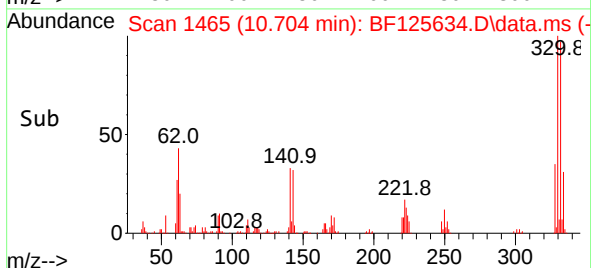
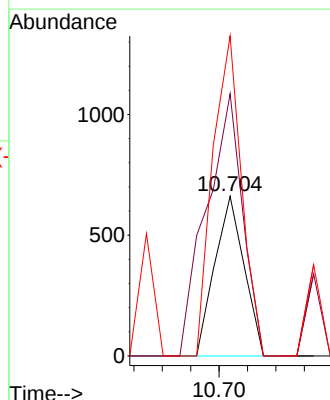
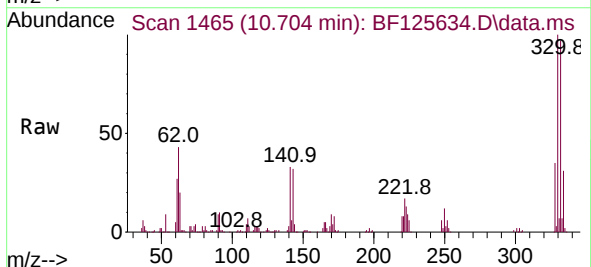
Instrument :
BNA_F
ClientSampled :

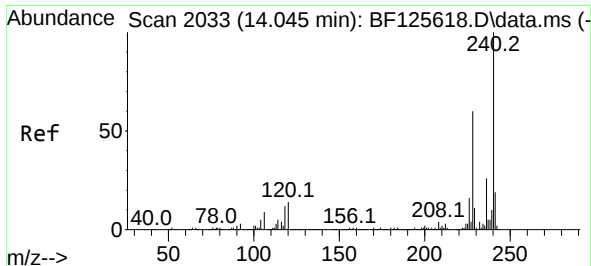
Tgt Ion:188 Resp: 682767
Ion Ratio Lower Upper
188 100
94 9.5 6.7 10.1
80 10.1 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.129 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion:198 Resp: 473
Ion Ratio Lower Upper
198 100
51 164.3 45.3 85.3#
105 200.5 30.6 70.6#

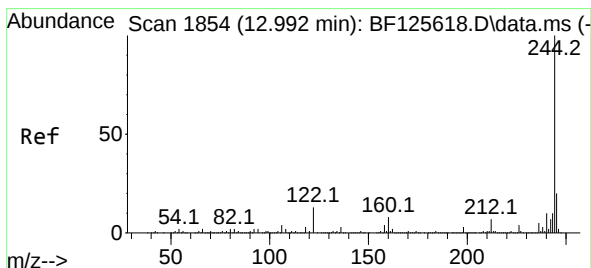
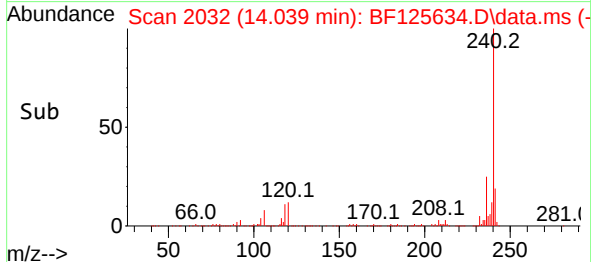
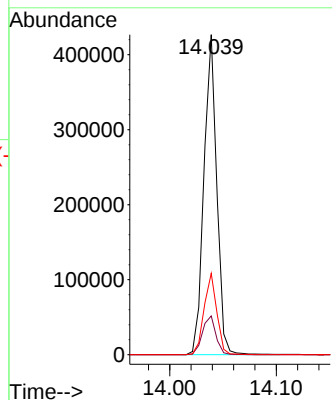
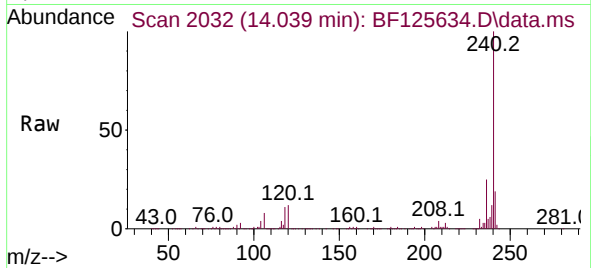




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

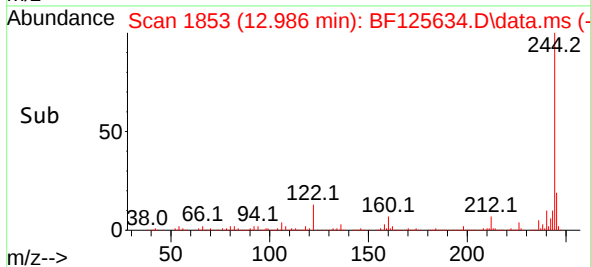
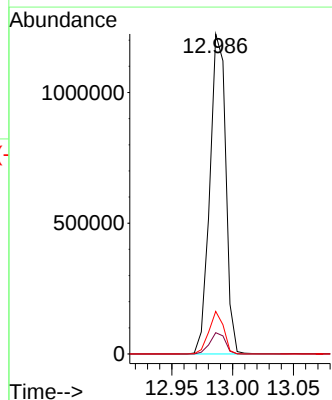
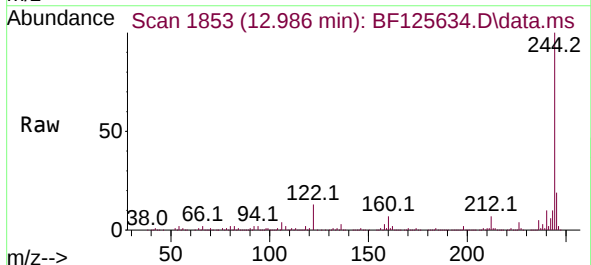
Instrument :
BNA_F
ClientSampleId :

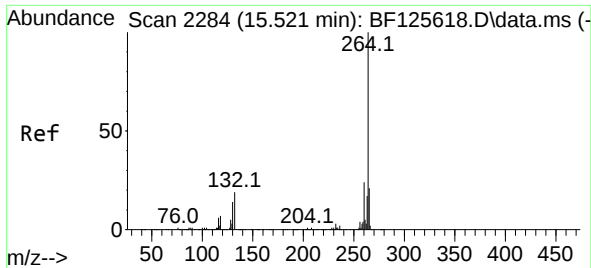
Tgt Ion:240 Resp: 358814
Ion Ratio Lower Upper
240 100
120 12.1 10.8 16.2
236 25.4 21.6 32.4



#79
Terphenyl-d14
Concen: 53.835 ng
RT: 12.986 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF125634.D
Acq: 24 Sep 2021 22:23

Tgt Ion:244 Resp: 1115437
Ion Ratio Lower Upper
244 100
212 6.7 5.9 8.9
122 13.3 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: BF125634.D
 Acq: 24 Sep 2021 22:23

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264 Resp: 421174
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.6 29.4
 265 20.9 17.2 25.8

