

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092421\
 Data File : BF125636.D
 Acq On : 24 Sep 2021 23:25
 Operator : JU/CG
 Sample : M3916-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 25 03:02:18 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)

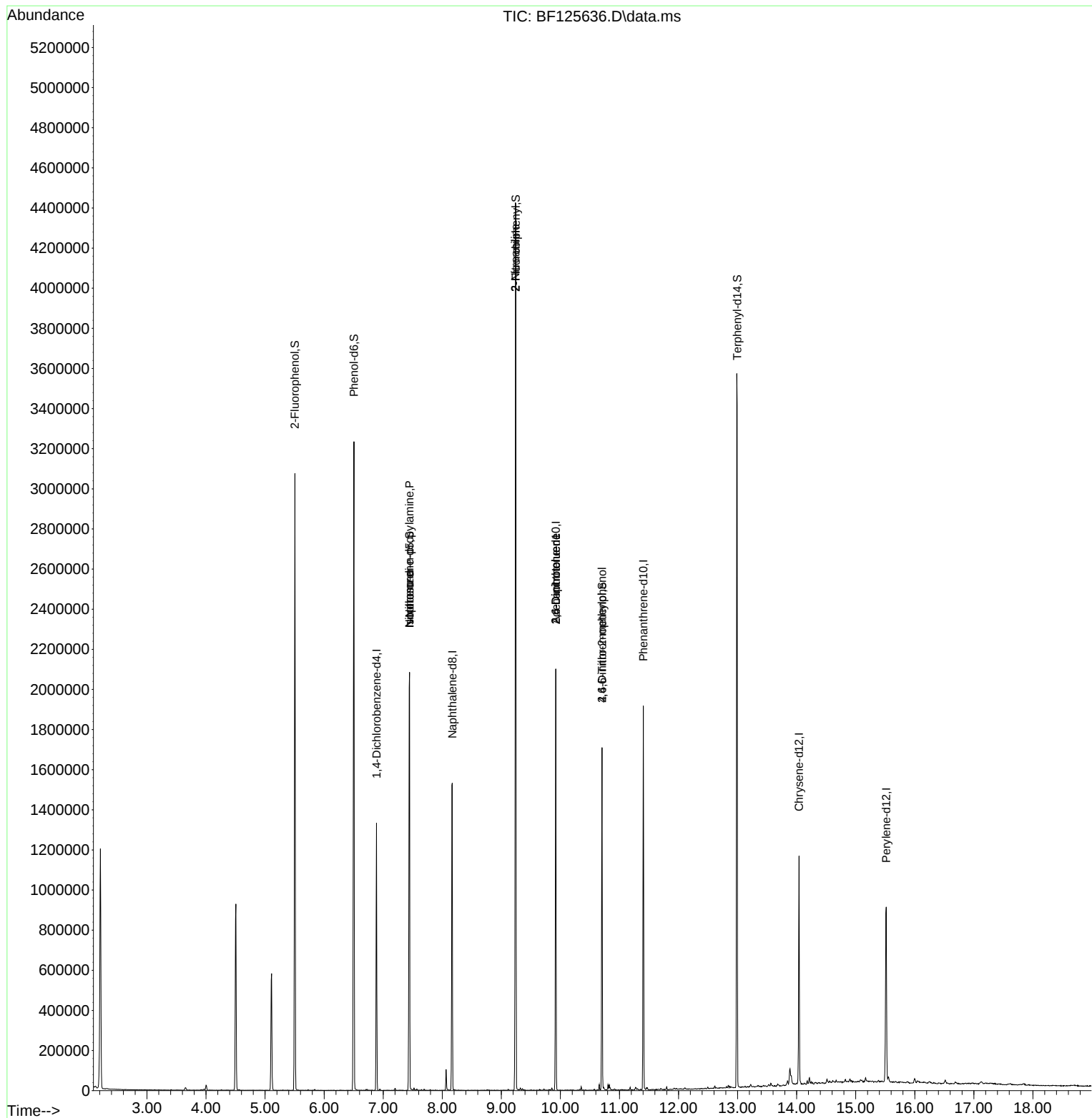
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	191325	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	763093	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	394828	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	642990	20.000	ng	0.00
76) Chrysene-d12	14.039	240	354194	20.000	ng	0.00
86) Perylene-d12	15.515	264	398964	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	888072	76.475	ng	0.00
7) Phenol-d6	6.504	99	1194008	76.479	ng	0.00
23) Nitrobenzene-d5	7.445	82	750387	68.589	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	194715	52.894	ng	-0.01
45) 2-Fluorobiphenyl	9.245	172	1545426	67.591	ng	0.00
79) Terphenyl-d14	12.992	244	1255460	61.383	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.504	77	1626	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	94863	10.672	ng	# 50
25) Isophorone	7.445	82	747493	30.508	ng	# 59
48) 2-Nitroaniline	9.239	65	2231	4.516	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	49330	12.440	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	49330	11.371	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.704	198	329	9.099	ng	# 1

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

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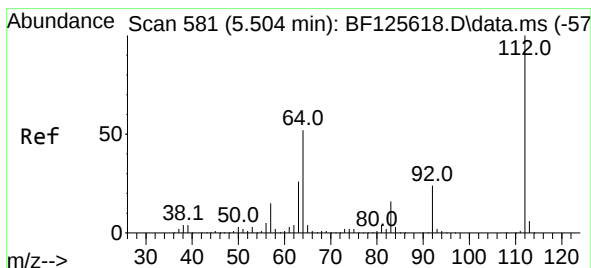
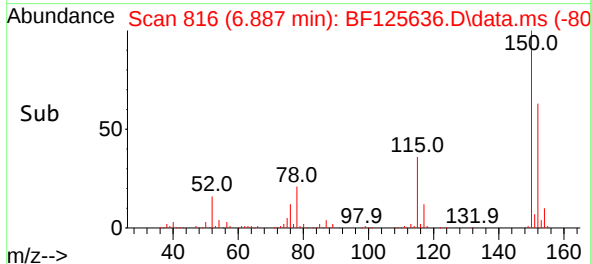
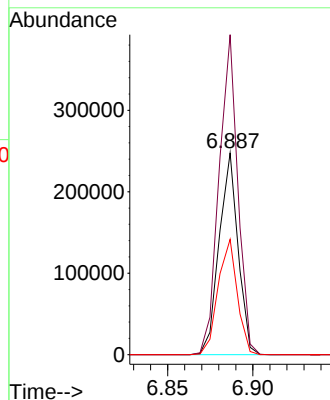
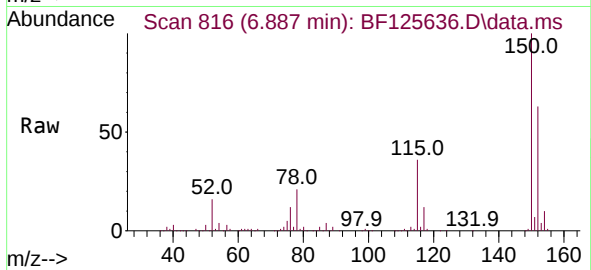




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

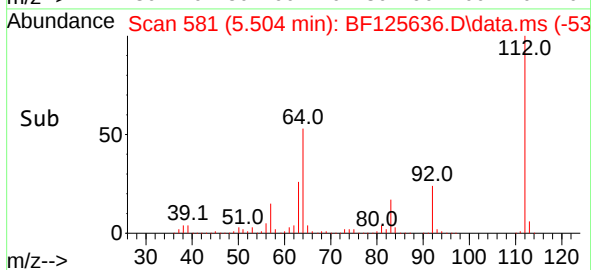
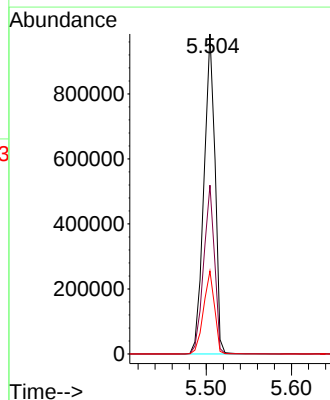
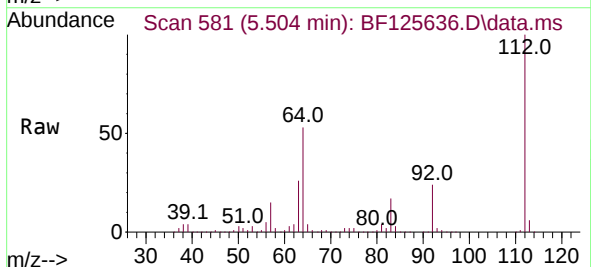
Instrument :
BNA_F
ClientSampleId :

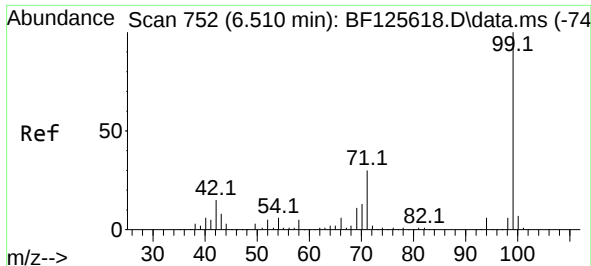
Tgt Ion:152 Resp: 191325
Ion Ratio Lower Upper
152 100
150 158.6 117.6 176.4
115 57.2 47.1 70.7



#5
2-Fluorophenol
Concen: 76.475 ng
RT: 5.504 min Scan# 581
Delta R.T. 0.000 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

Tgt Ion:112 Resp: 888072
Ion Ratio Lower Upper
112 100
64 52.7 44.2 66.2
63 25.9 26.2 39.2#

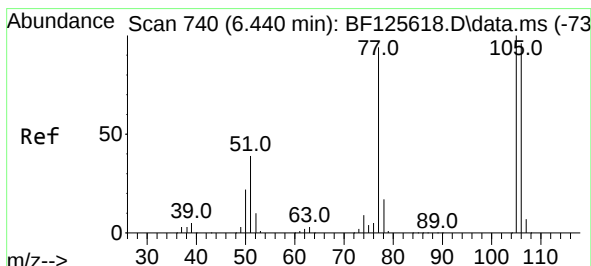
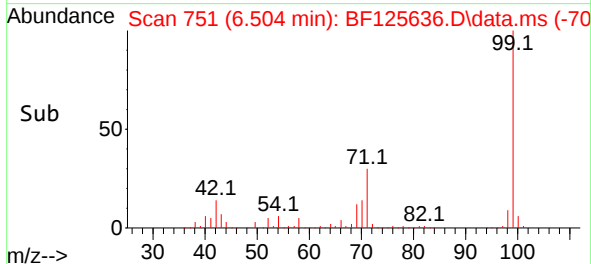
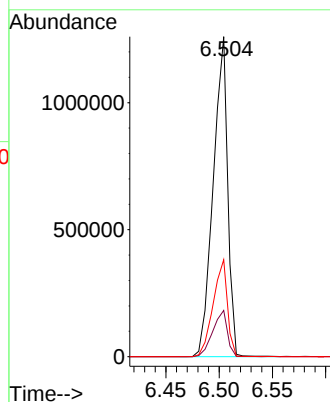
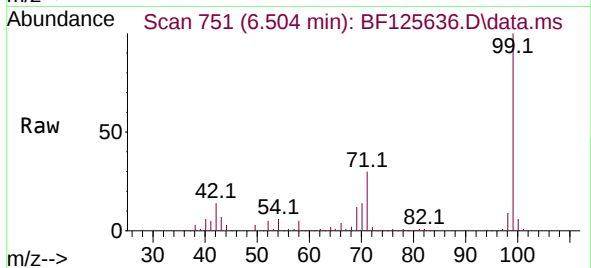




#7
Phenol-d6
Concen: 76.479 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

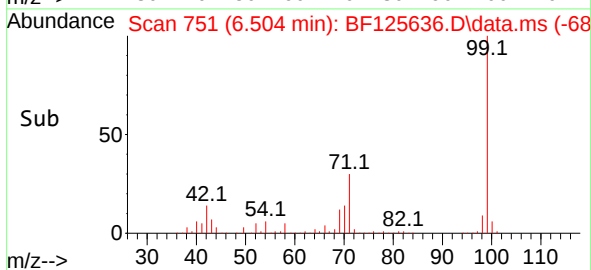
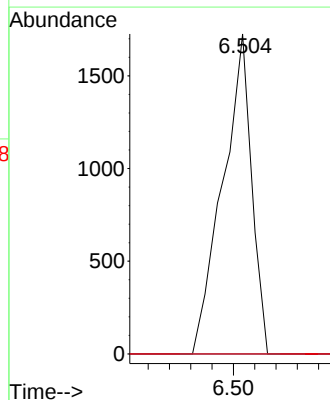
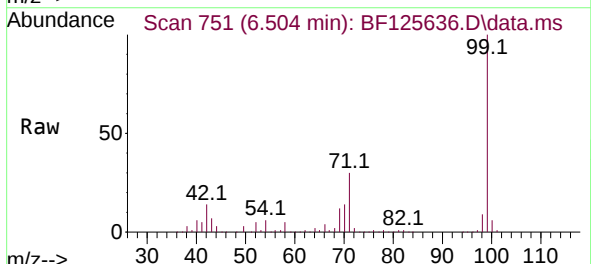
Instrument :
BNA_F
ClientSampleId :

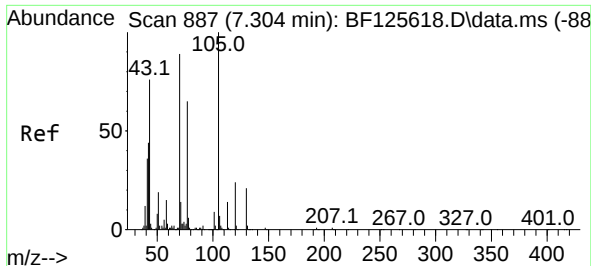
Tgt Ion: 99 Resp: 1194008
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 30.3 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.504 min Scan# 751
Delta R.T. 0.064 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

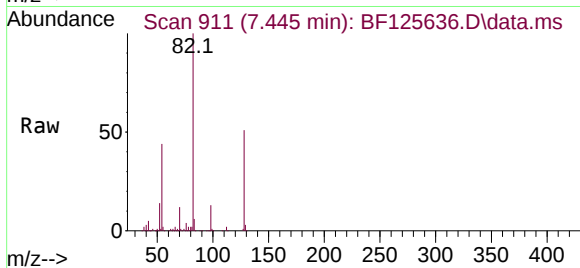
Tgt Ion: 77 Resp: 1626
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



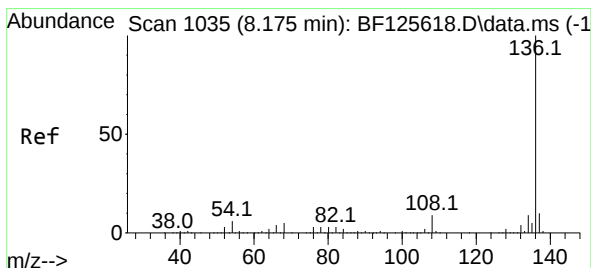
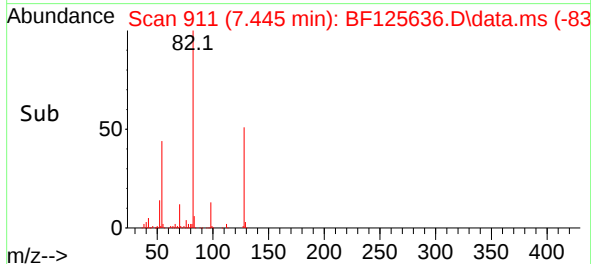
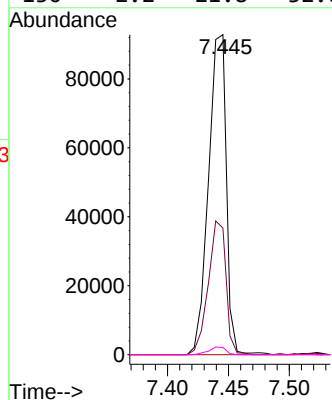


#19
n-Nitroso-di-n-propylamine
Concen: 10.672 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

Instrument :
BNA_F
ClientSampled :

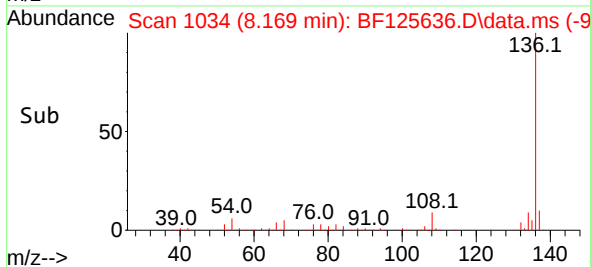
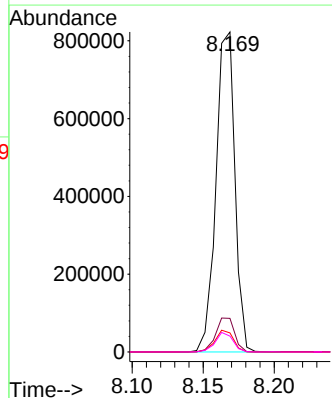
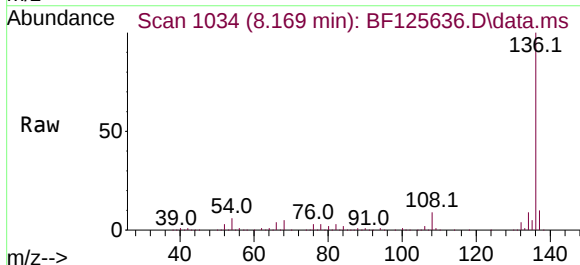


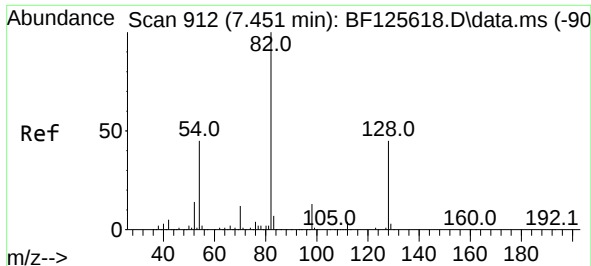
Tgt Ion: 70 Resp: 94863
Ion Ratio Lower Upper
70 100
42 39.6 72.2 108.2#
101 0.0 7.8 11.8#
130 2.2 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

Tgt Ion: 136 Resp: 763093
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 5.9 6.4 9.6#
68 4.9 3.3 4.9#





#23

Nitrobenzene-d5

Concen: 68.589 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF125636.D

Acq: 24 Sep 2021 23:25

Instrument :

BNA_F

ClientSampleId :

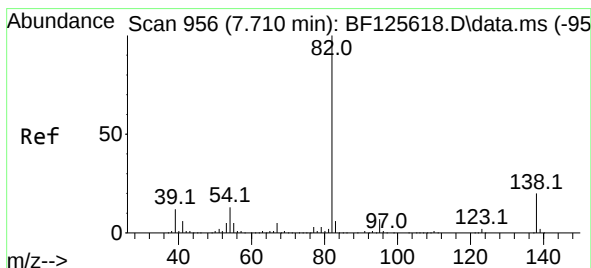
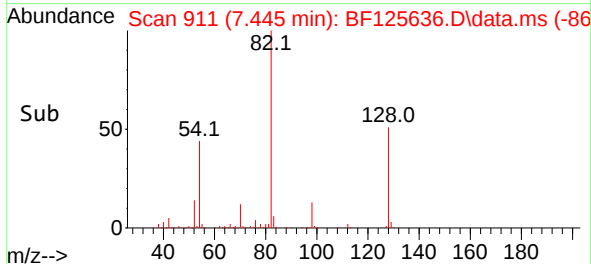
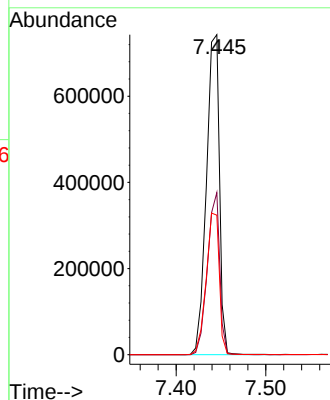
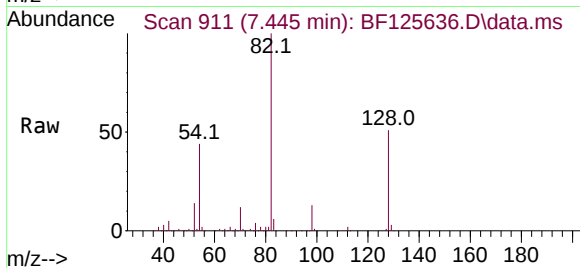
Tgt Ion: 82 Resp: 750387

Ion Ratio Lower Upper

82 100

128 50.7 40.6 60.8

54 43.6 49.6 74.4#



#25

Isophorone

Concen: 30.508 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.265 min

Lab File: BF125636.D

Acq: 24 Sep 2021 23:25

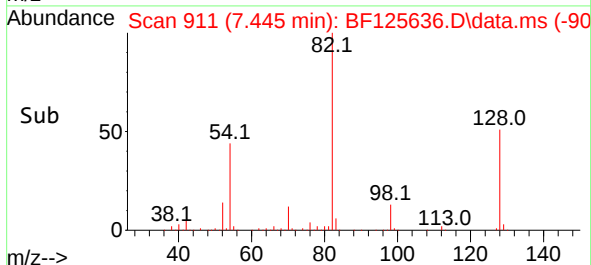
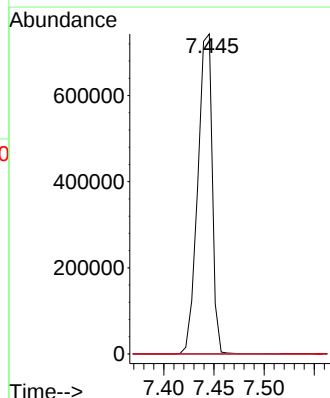
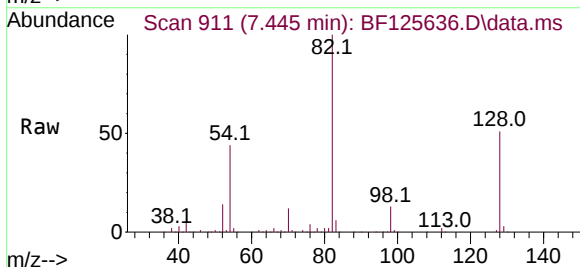
Tgt Ion: 82 Resp: 747493

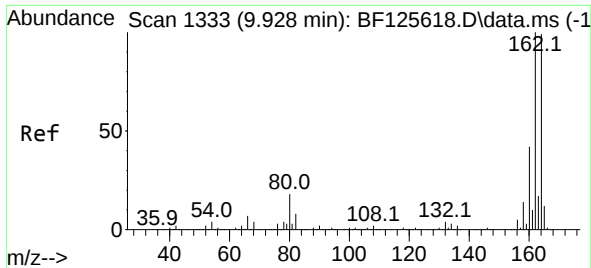
Ion Ratio Lower Upper

82 100

95 0.0 6.5 9.7#

138 0.0 18.4 27.6#

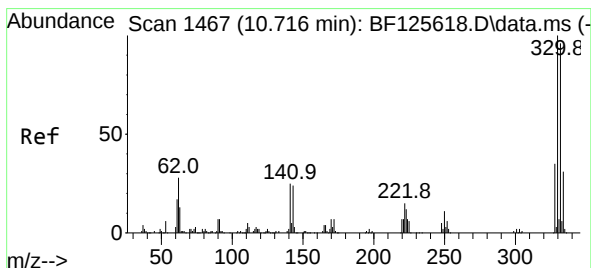
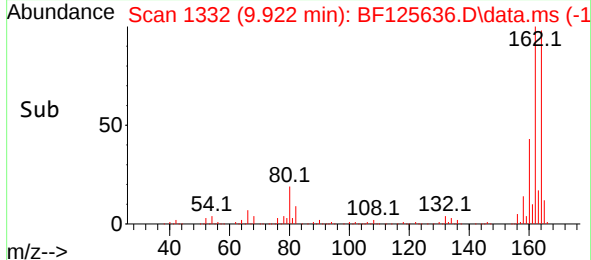
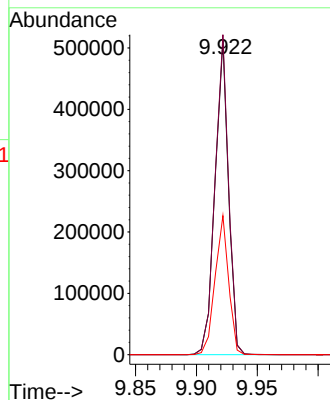
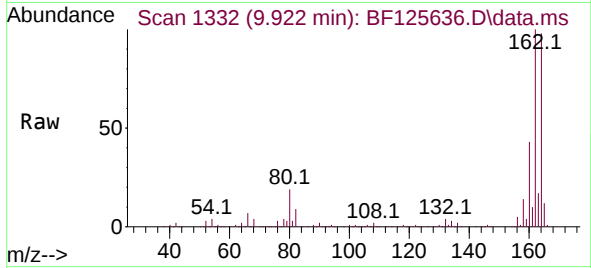




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

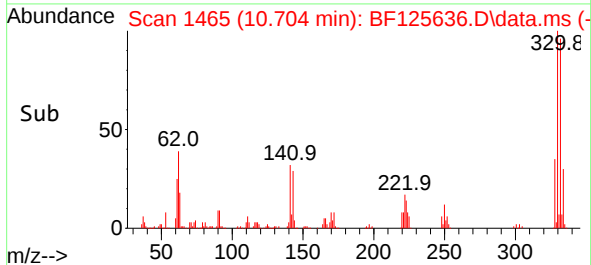
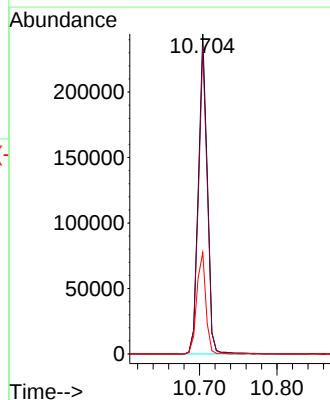
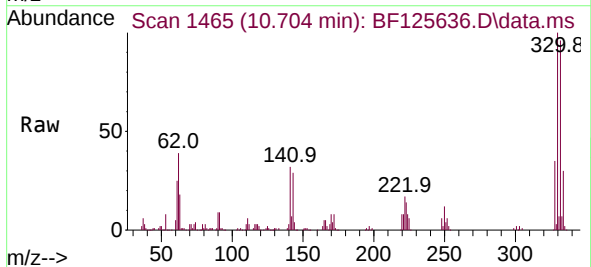
Instrument :
BNA_F
ClientSampled :

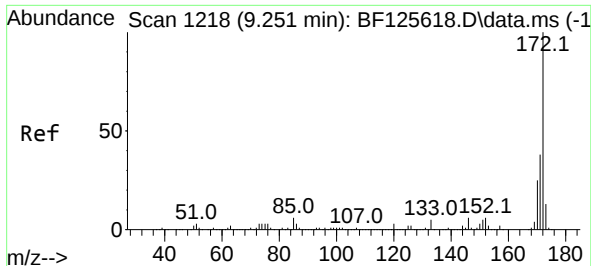
Tgt Ion:164 Resp: 394828
Ion Ratio Lower Upper
164 100
162 101.8 81.3 121.9
160 44.2 38.0 57.0



#42
2,4,6-Tribromophenol
Concen: 52.894 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.012 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

Tgt Ion:330 Resp: 194715
Ion Ratio Lower Upper
330 100
332 95.3 76.2 114.4
141 32.2 44.6 66.8#

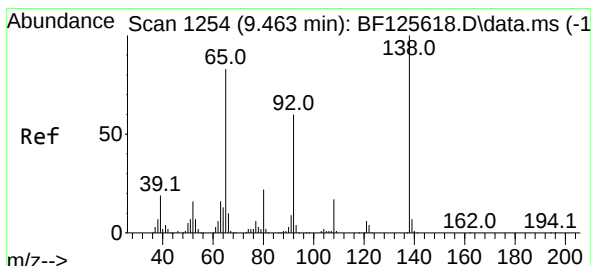
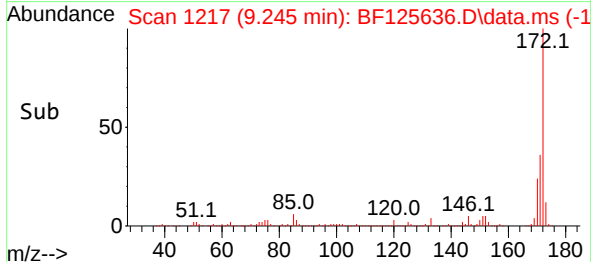
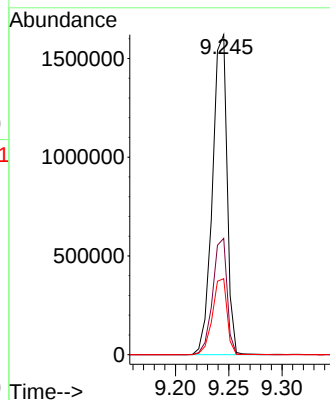
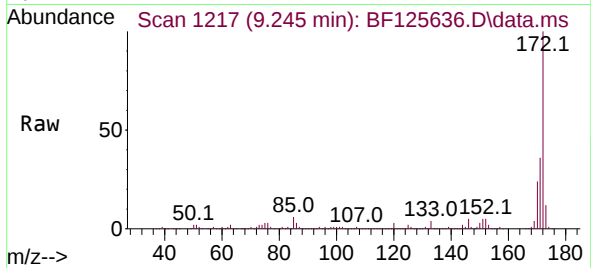




#45
2-Fluorobiphenyl
Concen: 67.591 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

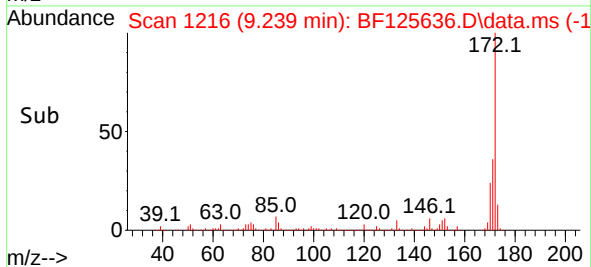
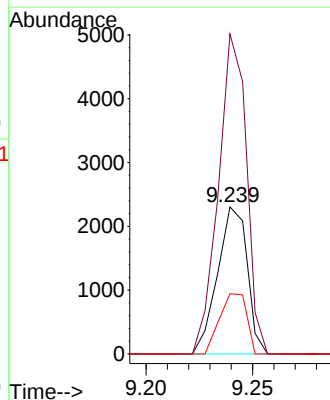
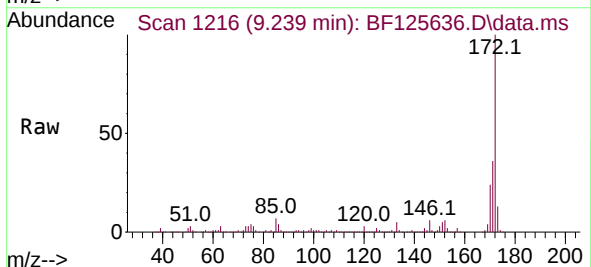
Instrument :
BNA_F
ClientSampleId :

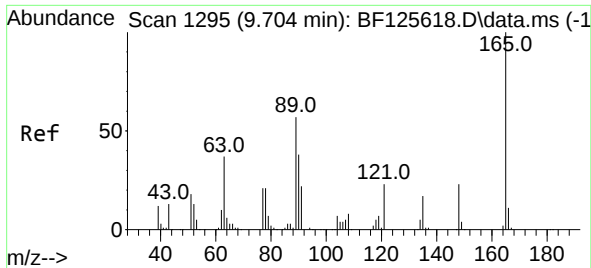
Tgt Ion:172 Resp: 1545426
Ion Ratio Lower Upper
172 100
171 36.4 26.5 39.7
170 23.8 18.8 28.2



#48
2-Nitroaniline
Concen: 4.516 ng
RT: 9.239 min Scan# 1216
Delta R.T. -0.224 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

Tgt Ion: 65 Resp: 2231
Ion Ratio Lower Upper
65 100
92 217.6 55.5 83.3#
138 41.1 93.5 140.3#

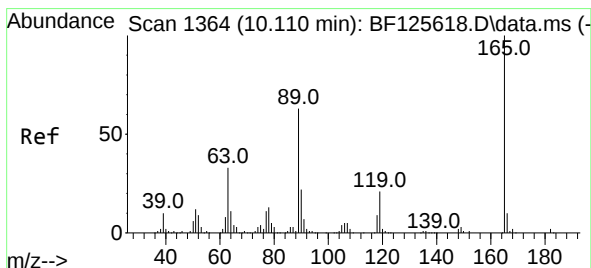
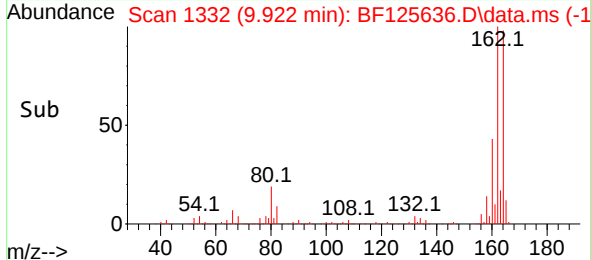
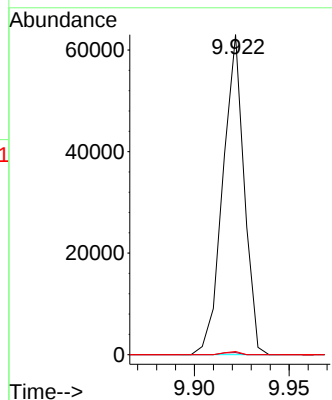
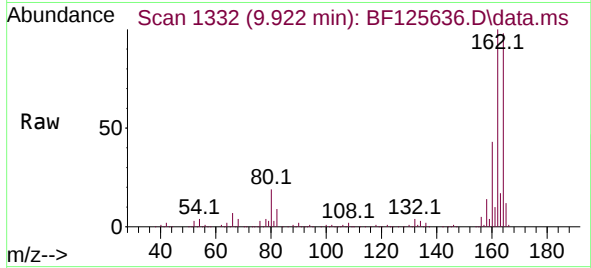




#51
2,6-Dinitrotoluene
Concen: 12.440 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

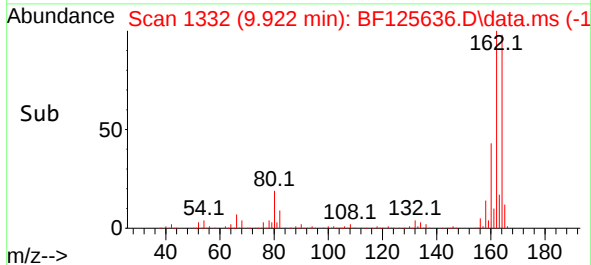
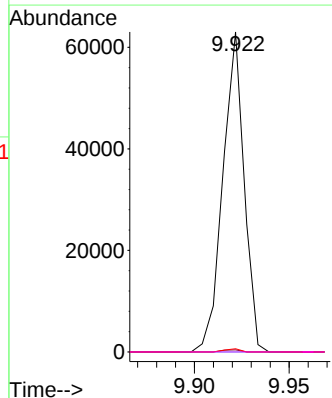
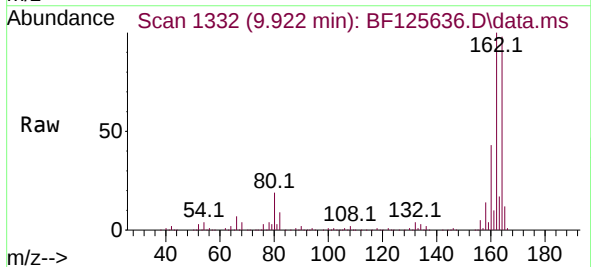
Instrument :
BNA_F
ClientSampleId :

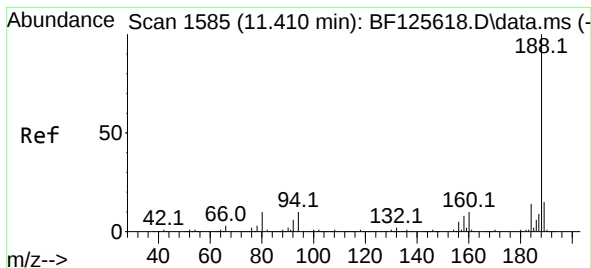
Tgt Ion:165 Resp: 49330
Ion Ratio Lower Upper
165 100
63 0.7 42.6 63.8#
89 1.0 40.6 60.8#



#57
2,4-Dinitrotoluene
Concen: 11.371 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

Tgt Ion:165 Resp: 49330
Ion Ratio Lower Upper
165 100
63 0.7 40.9 61.3#
89 1.0 59.7 89.5#
182 0.0 0.0 0.0

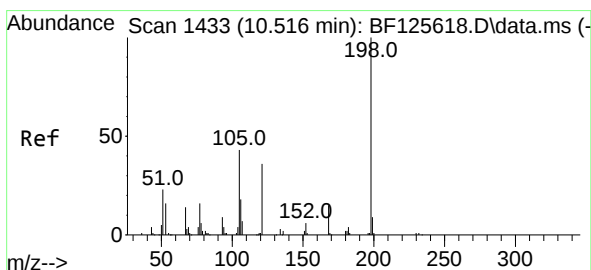
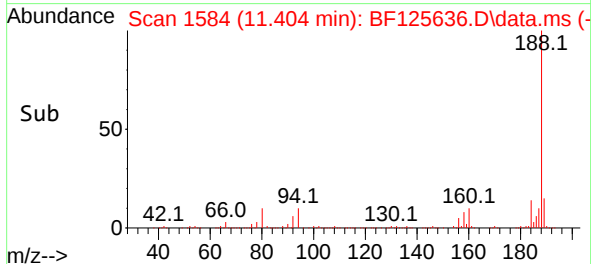
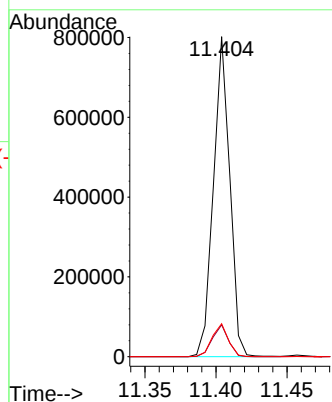
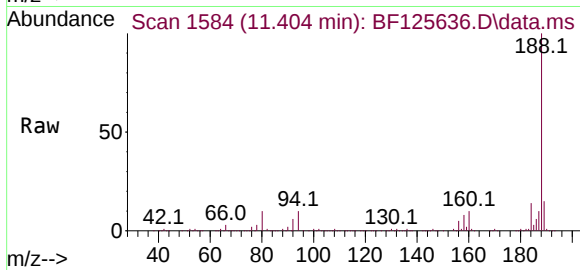




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

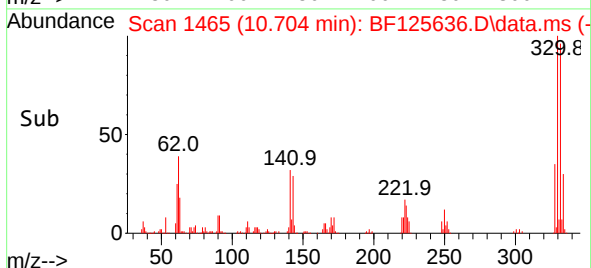
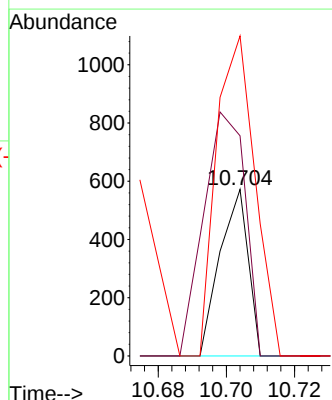
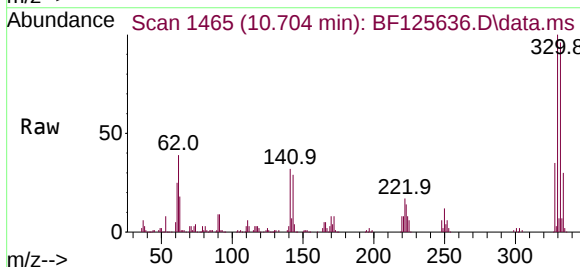
Instrument :
BNA_F
ClientSampled :

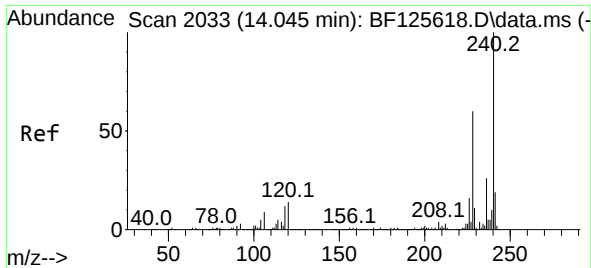
Tgt Ion:188 Resp: 642990
Ion Ratio Lower Upper
188 100
94 10.0 6.7 10.1
80 10.3 7.5 11.3



#65
4,6-Dinitro-2-methylphenol
Concen: 9.099 ng
RT: 10.704 min Scan# 1465
Delta R.T. 0.188 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

Tgt Ion:198 Resp: 329
Ion Ratio Lower Upper
198 100
51 132.2 45.3 85.3#
105 192.1 30.6 70.6#

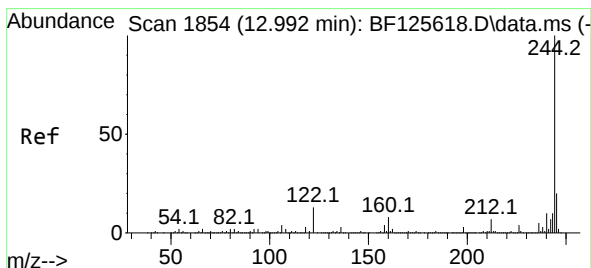
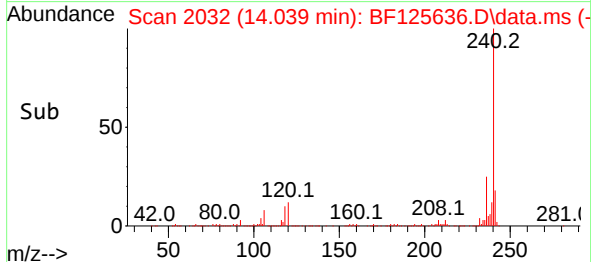
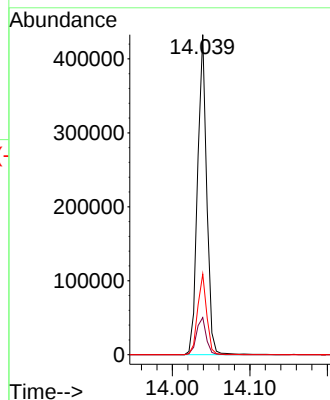
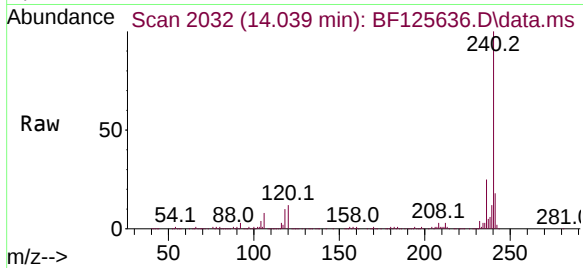




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

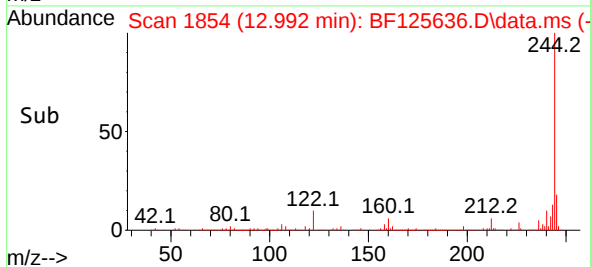
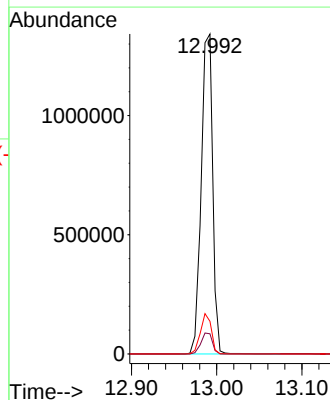
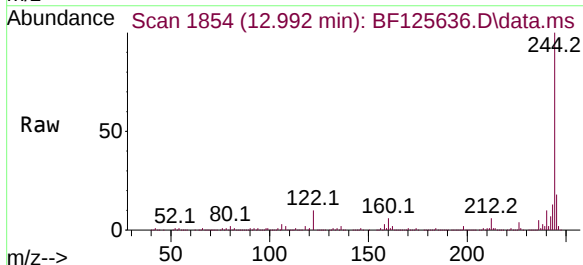
Instrument :
BNA_F
ClientSampleId :

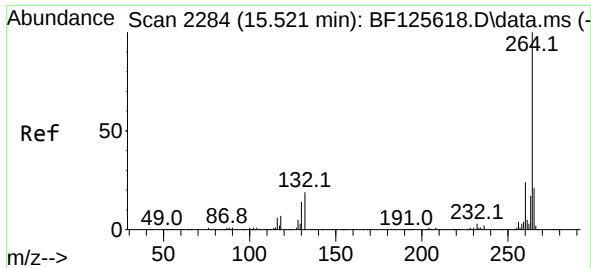
Tgt Ion:240 Resp: 354194
Ion Ratio Lower Upper
240 100
120 11.6 10.8 16.2
236 25.2 21.6 32.4



#79
Terphenyl-d14
Concen: 61.383 ng
RT: 12.992 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF125636.D
Acq: 24 Sep 2021 23:25

Tgt Ion:244 Resp: 1255460
Ion Ratio Lower Upper
244 100
212 6.3 5.9 8.9
122 10.2 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: BF125636.D
 Acq: 24 Sep 2021 23:25

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:264	Resp:	398964
Ion Ratio	Lower	Upper
264	100	
260	24.2	19.6 29.4
265	20.3	17.2 25.8

