

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
 Data File : BF125683.D
 Acq On : 28 Sep 2021 11:13
 Operator : JU/CG
 Sample : PB139114BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB139114BL

Quant Time: Sep 28 12:05:48 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)

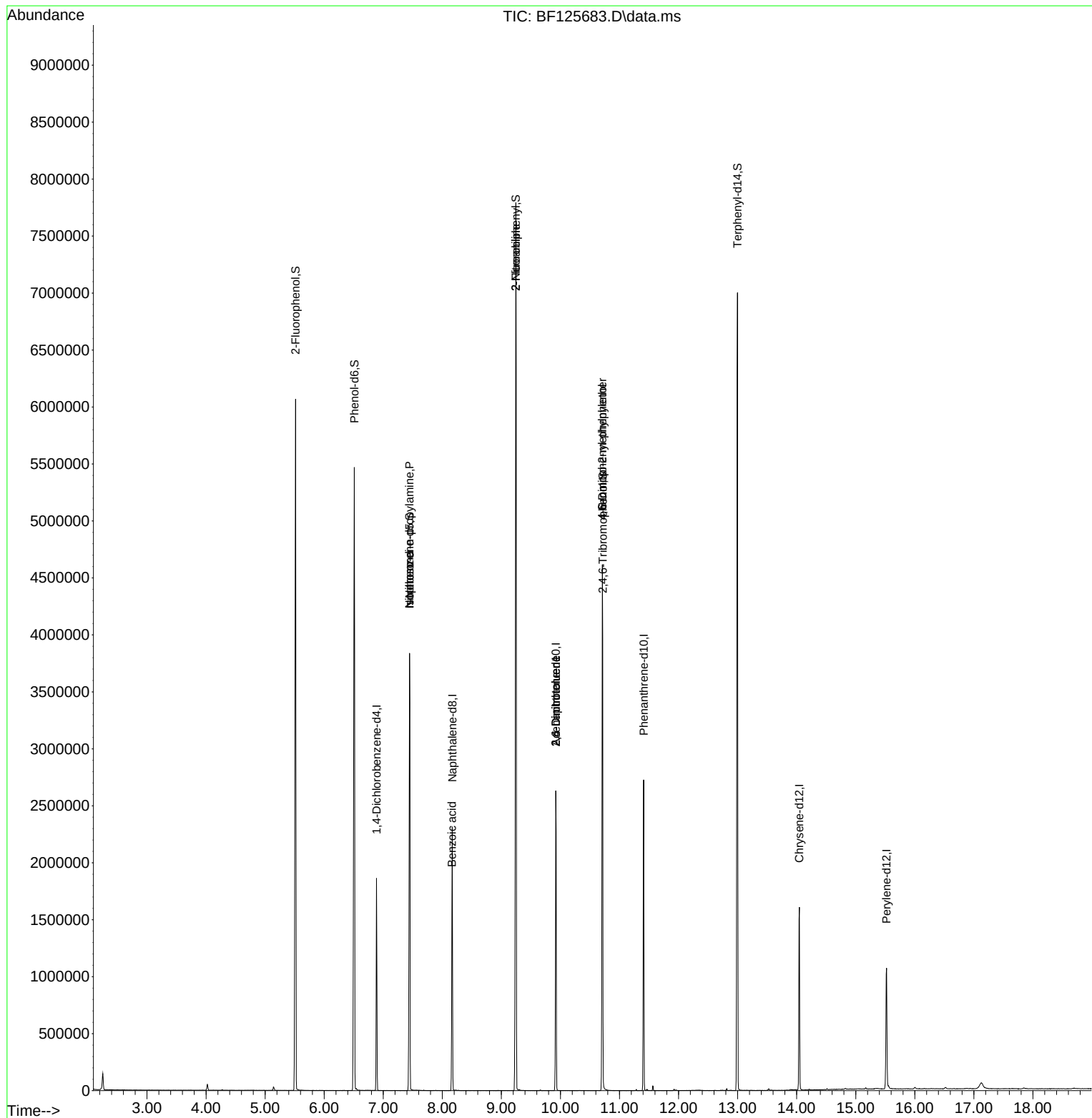
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	262106	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1074850	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	564778	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	931131	20.000	ng	0.00
76) Chrysene-d12	14.045	240	554720	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	487831	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2064044	129.743	ng	0.01
7) Phenol-d6	6.510	99	2513756	117.532	ng	0.00
23) Nitrobenzene-d5	7.445	82	1500372	97.364	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	670346	127.301	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2771165	88.755	ng	0.00
79) Terphenyl-d14	12.998	244	2605068	81.327	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.510	77	3484	Below Cal	#	1
19) n-Nitroso-di-n-propyla...	7.445	70	188452	15.475	ng	# 52
25) Isophorone	7.445	82	1495974	43.347	ng	# 59
32) Benzoic acid	8.163	122	127	8.637	ng	# 1
48) 2-Nitroaniline	9.245	65	3637	4.566	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	72775	12.701	ng	# 27
57) 2,4-Dinitrotoluene	9.922	165	72775	11.577	ng	# 19
65) 4,6-Dinitro-2-methylph...	10.710	198	1234	9.234	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	37211	3.808	ng	# 1

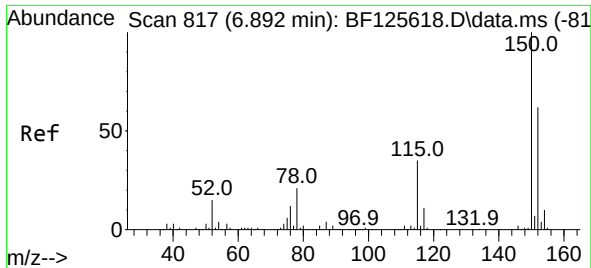
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092821\
Data File : BF125683.D
Acq On : 28 Sep 2021 11:13
Operator : JU/CG
Sample : PB139114BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB139114BL

Quant Time: Sep 28 12:05:48 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

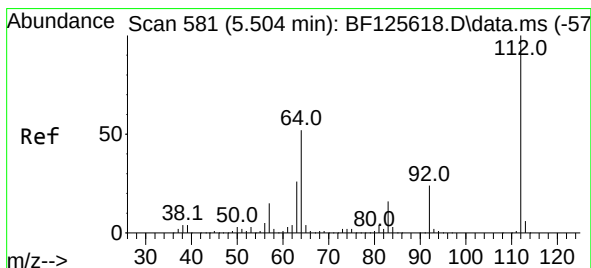
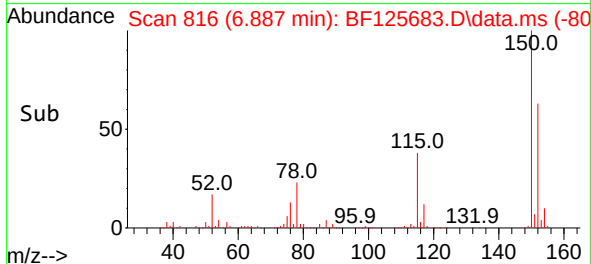
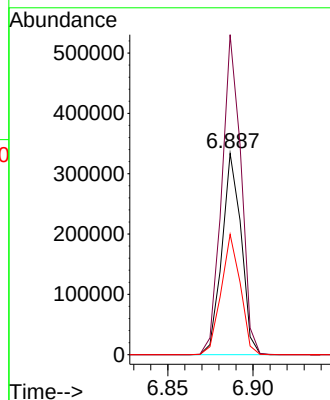
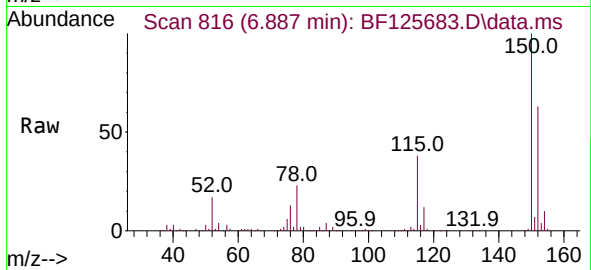




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

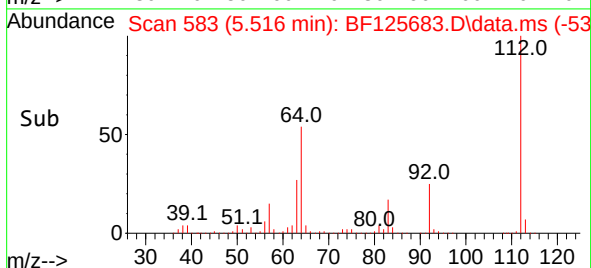
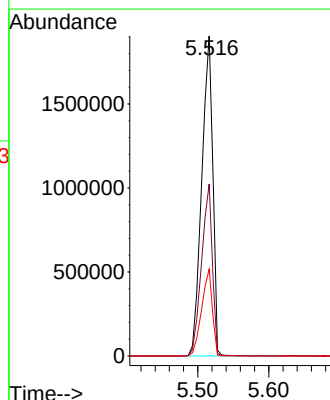
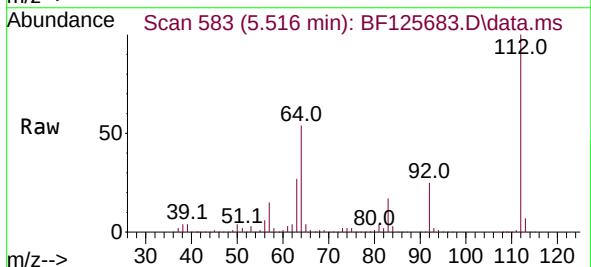
Instrument :
BNA_F
ClientSampleId :
PB139114BL

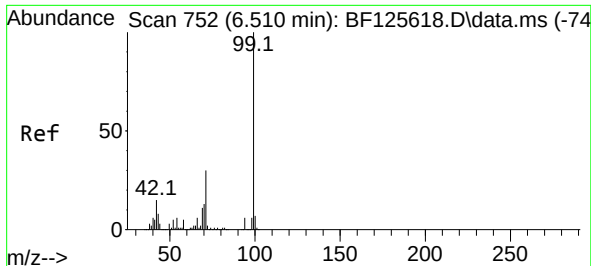
Tgt Ion:152 Resp: 262106
Ion Ratio Lower Upper
152 100
150 159.0 117.6 176.4
115 59.8 47.1 70.7



#5
2-Fluorophenol
Concen: 129.743 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.012 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

Tgt Ion:112 Resp: 2064044
Ion Ratio Lower Upper
112 100
64 53.8 44.2 66.2
63 27.1 26.2 39.2

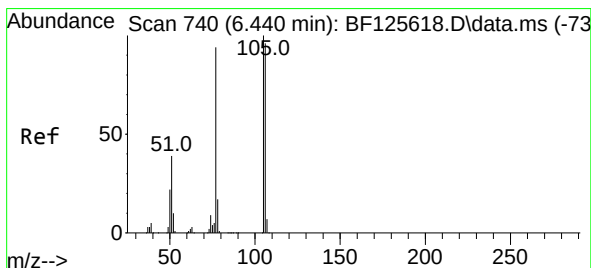
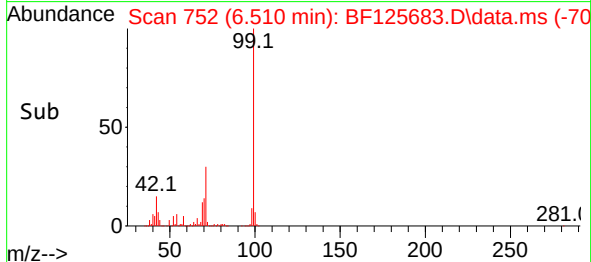
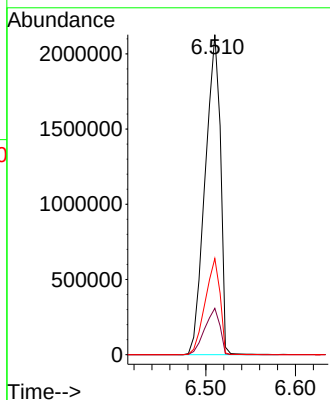
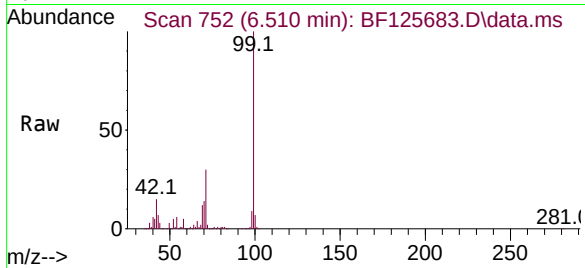




#7
Phenol-d6
Concen: 117.532 ng
RT: 6.510 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

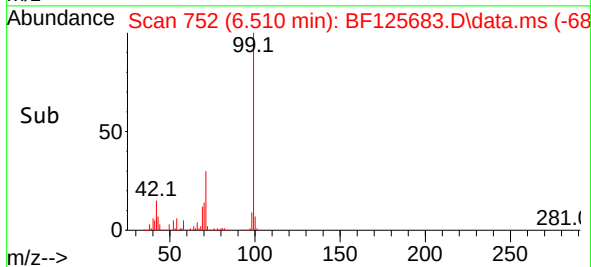
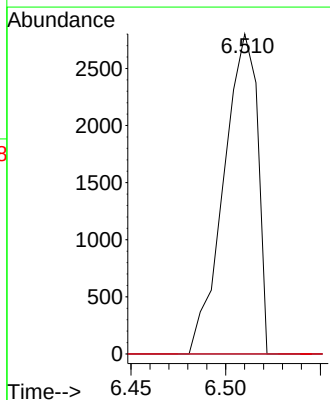
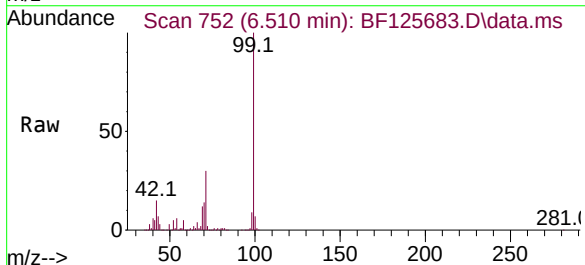
Instrument :
BNA_F
ClientSampleId :
PB139114BL

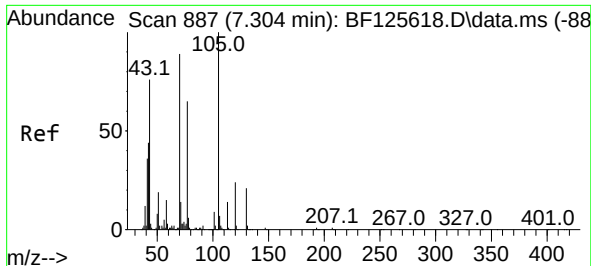
Tgt Ion: 99 Resp: 2513756
Ion Ratio Lower Upper
99 100
42 14.5 23.5 35.3#
71 30.1 25.6 38.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.510 min Scan# 752
Delta R.T. 0.070 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

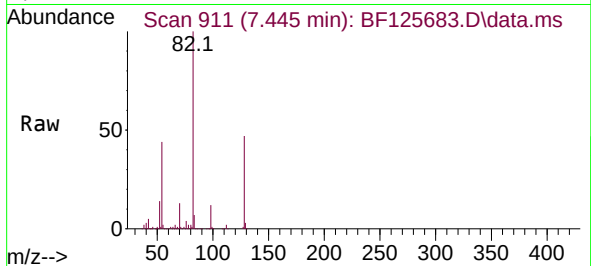
Tgt Ion: 77 Resp: 3484
Ion Ratio Lower Upper
77 100
105 0.0 75.9 115.9#
106 0.0 84.0 124.0#



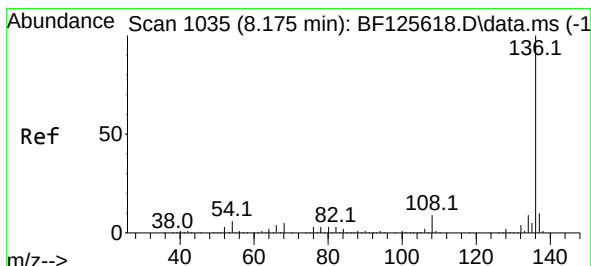
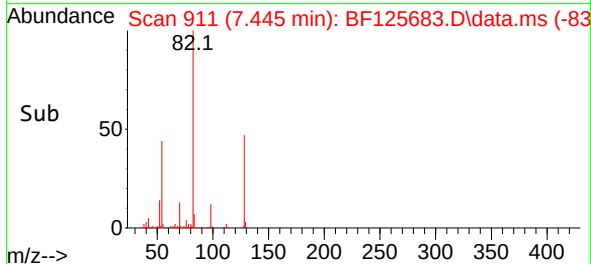
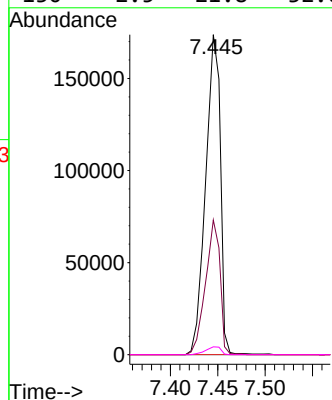


#19
n-Nitroso-di-n-propylamine
Concen: 15.475 ng
RT: 7.445 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

Instrument :
BNA_F
ClientSampleId :
PB139114BL

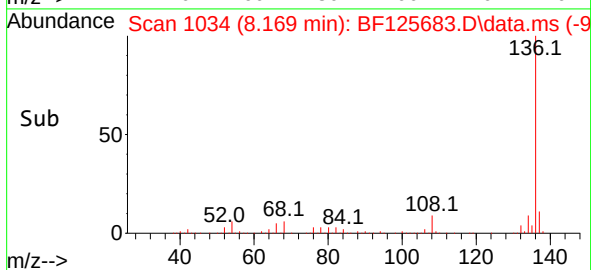
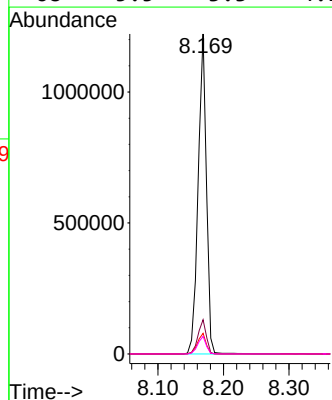
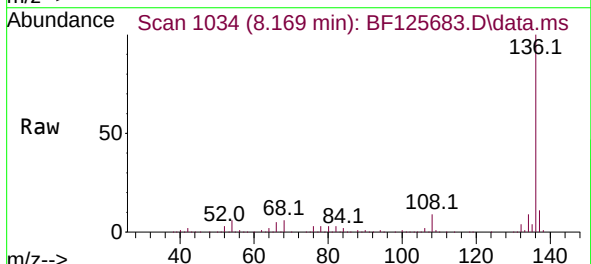


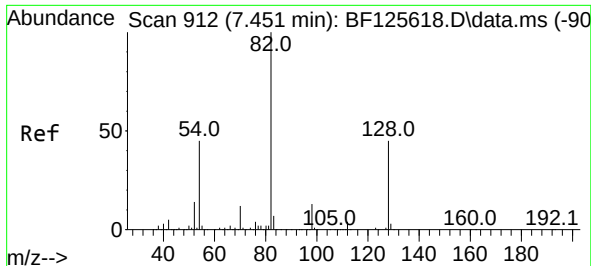
Tgt Ion: 70 Resp: 188452
Ion Ratio Lower Upper
70 100
42 42.1 72.2 108.2#
101 0.0 7.8 11.8#
130 2.5 21.8 32.6#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

Tgt Ion: 136 Resp: 1074850
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 6.4 6.4 9.6
68 5.5 3.3 4.9#

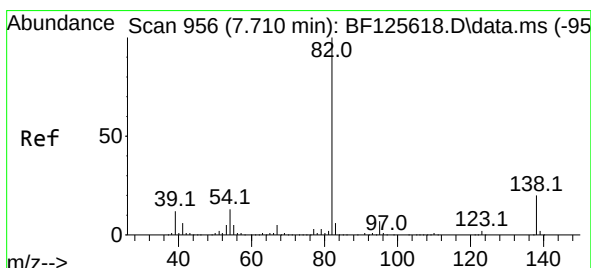
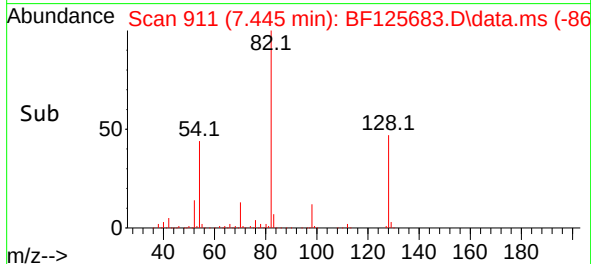
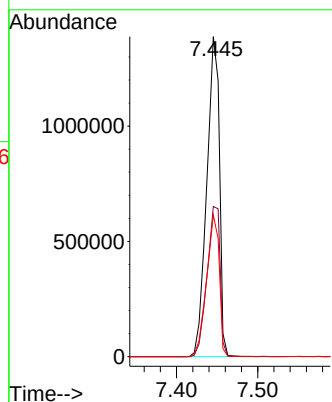
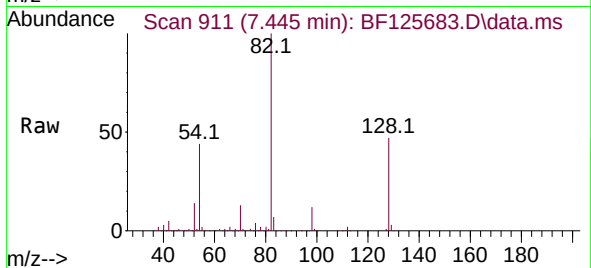




#23
Nitrobenzene-d5
Concen: 97.364 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

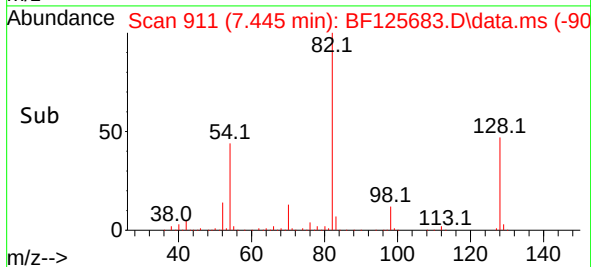
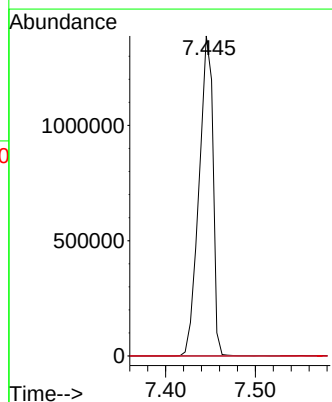
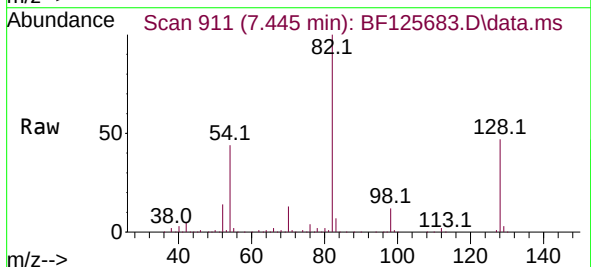
Instrument :
BNA_F
ClientSampleId :
PB139114BL

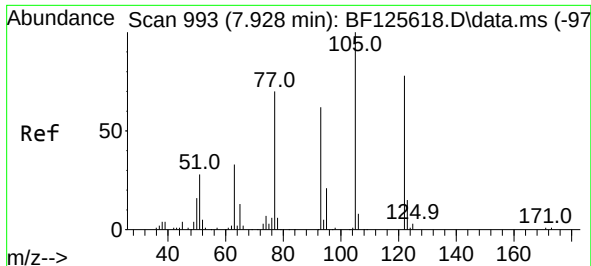
Tgt Ion: 82 Resp: 1500372
Ion Ratio Lower Upper
82 100
128 46.9 40.6 60.8
54 44.3 49.6 74.4#



#25
Isophorone
Concen: 43.347 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

Tgt Ion: 82 Resp: 1495974
Ion Ratio Lower Upper
82 100
95 0.0 6.5 9.7#
138 0.0 18.4 27.6#

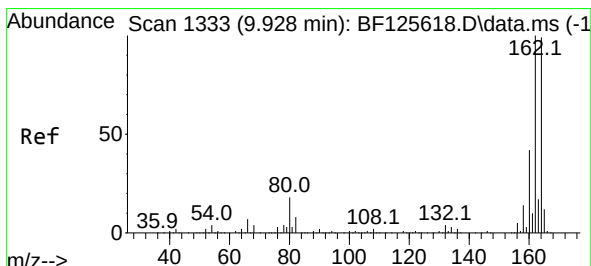
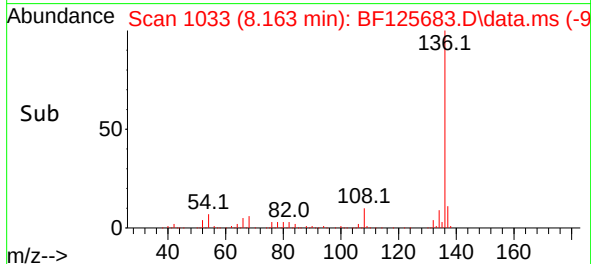
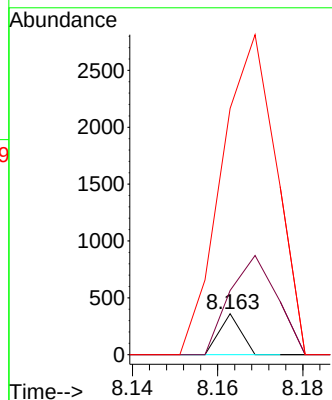
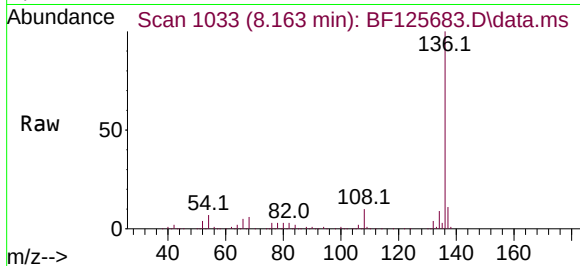




#32
Benzoic acid
Concen: 8.637 ng
RT: 8.163 min Scan# 1033
Delta R.T. 0.235 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

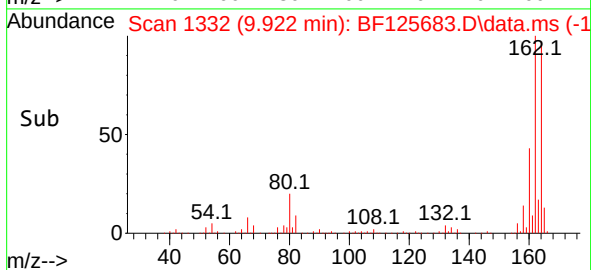
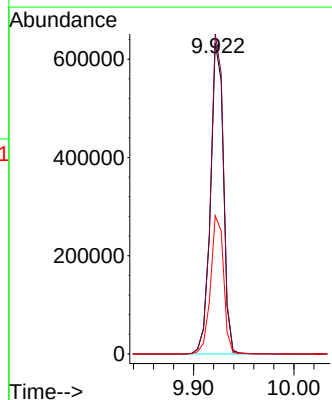
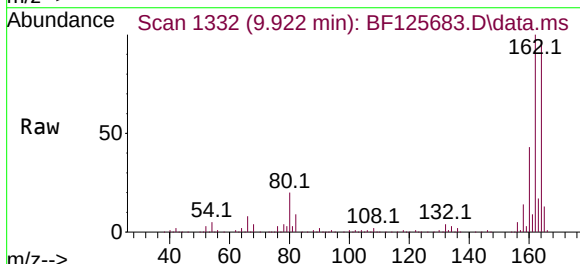
Instrument :
BNA_F
ClientSampleId :
PB139114BL

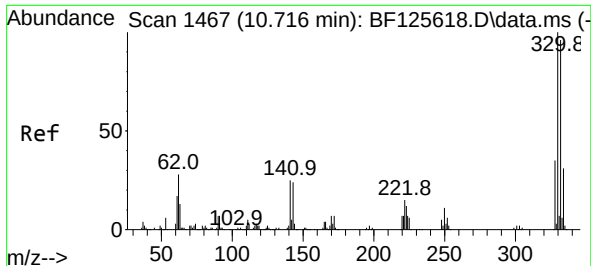
Tgt Ion:122 Resp: 127
Ion Ratio Lower Upper
122 100
105 156.9 97.6 137.6#
77 601.4 59.6 99.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

Tgt Ion:164 Resp: 564778
Ion Ratio Lower Upper
164 100
162 102.9 81.3 121.9
160 44.5 38.0 57.0

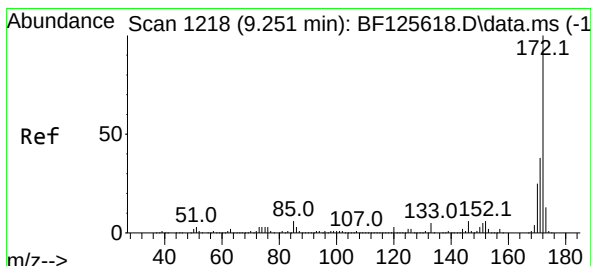
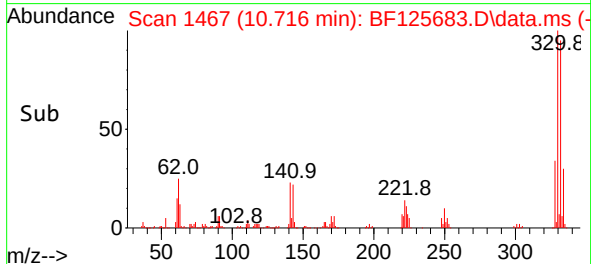
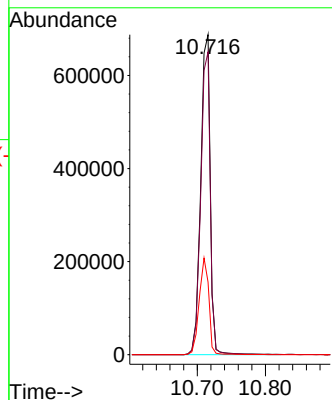
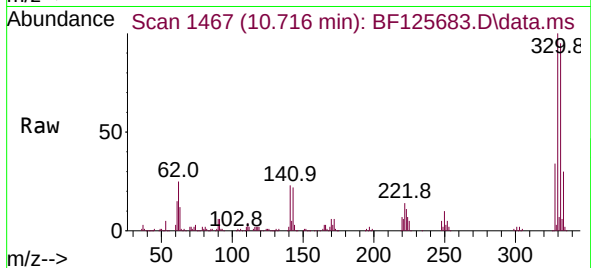




#42
2,4,6-Tribromophenol
Concen: 127.301 ng
RT: 10.716 min Scan# 1467
Delta R.T. -0.000 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

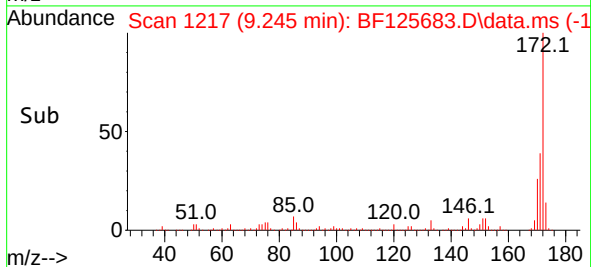
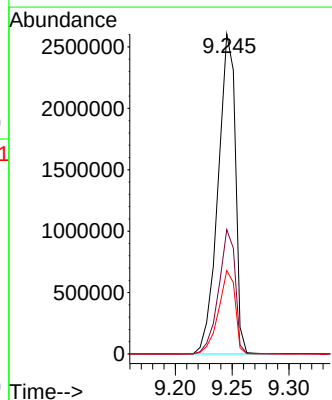
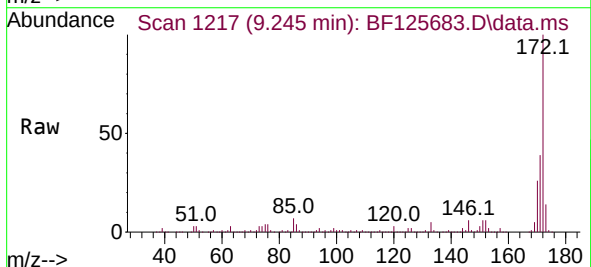
Instrument :
BNA_F
ClientSampleId :
PB139114BL

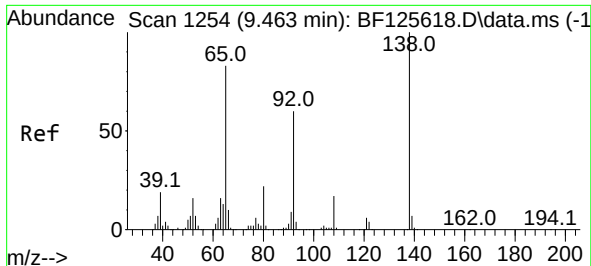
Tgt Ion: 330 Resp: 670346
Ion Ratio Lower Upper
330 100
332 94.5 76.2 114.4
141 30.5 44.6 66.8#



#45
2-Fluorobiphenyl
Concen: 88.755 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.006 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

Tgt Ion: 172 Resp: 2771165
Ion Ratio Lower Upper
172 100
171 38.8 26.5 39.7
170 26.0 18.8 28.2

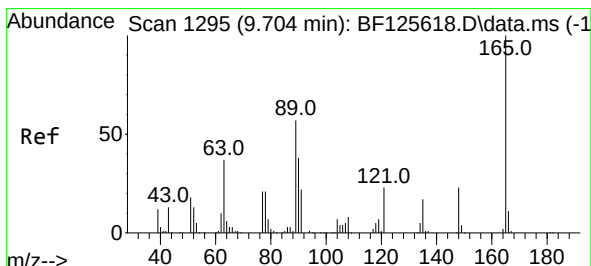
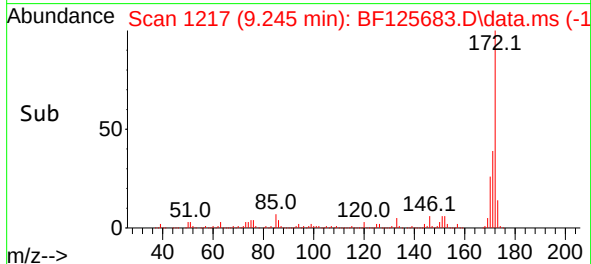
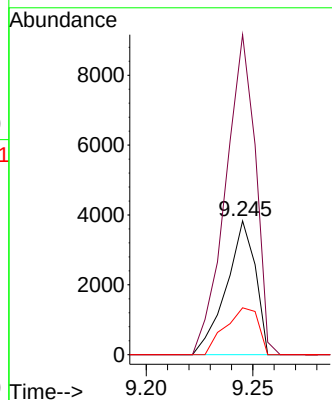
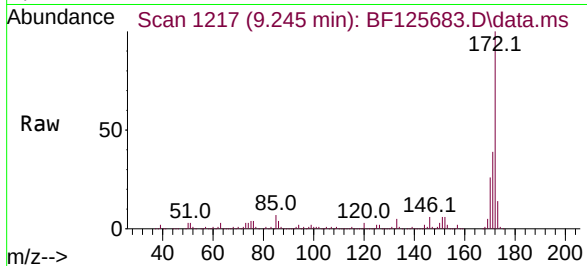




#48
2-Nitroaniline
Concen: 4.566 ng
RT: 9.245 min Scan# 1217
Delta R.T. -0.218 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

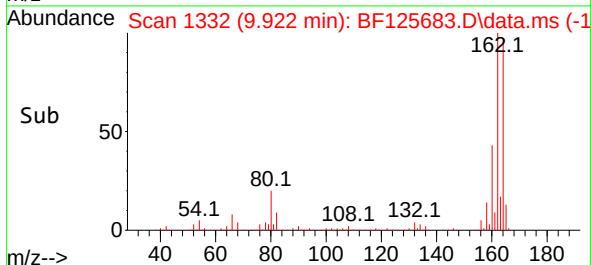
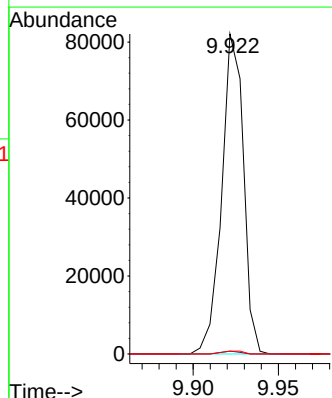
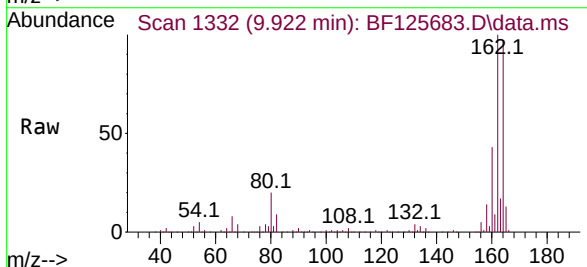
Instrument :
BNA_F
ClientSampleId :
PB139114BL

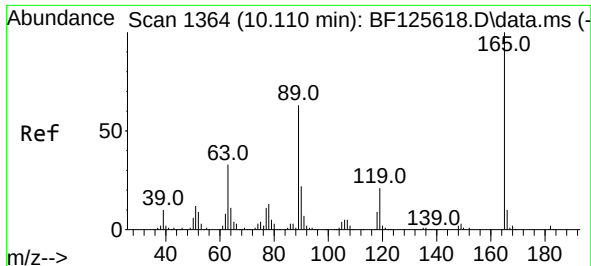
Tgt Ion: 65 Resp: 3637
Ion Ratio Lower Upper
65 100
92 239.3 55.5 83.3#
138 35.0 93.5 140.3#



#51
2,6-Dinitrotoluene
Concen: 12.701 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.218 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

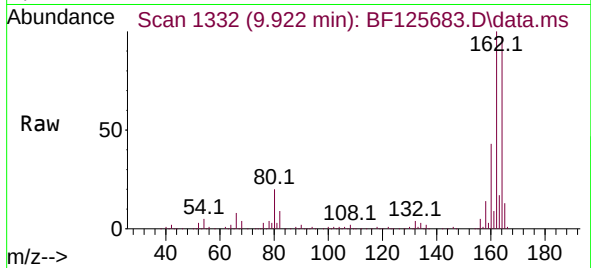
Tgt Ion: 165 Resp: 72775
Ion Ratio Lower Upper
165 100
63 0.9 42.6 63.8#
89 0.8 40.6 60.8#



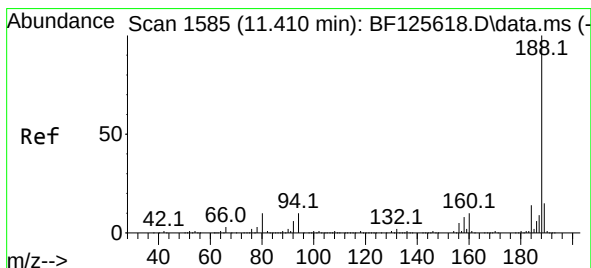
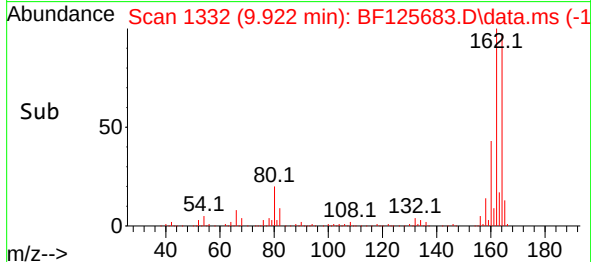
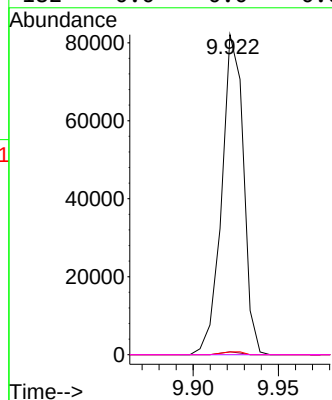


#57
2,4-Dinitrotoluene
Concen: 11.577 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.188 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

Instrument :
BNA_F
ClientSampleId :
PB139114BL

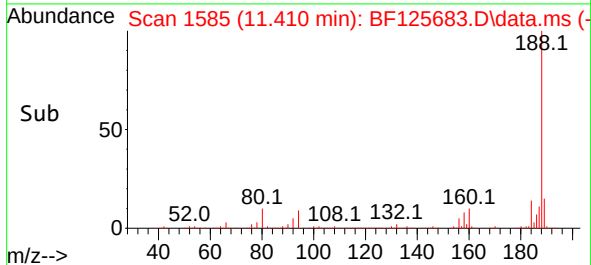
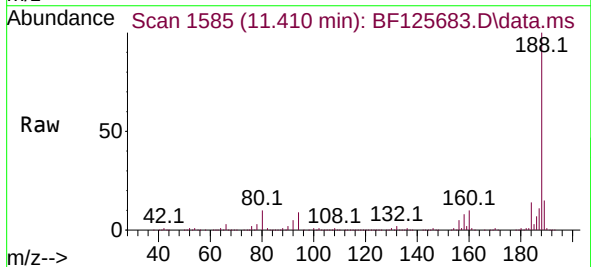
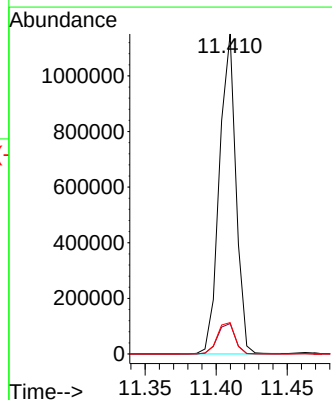


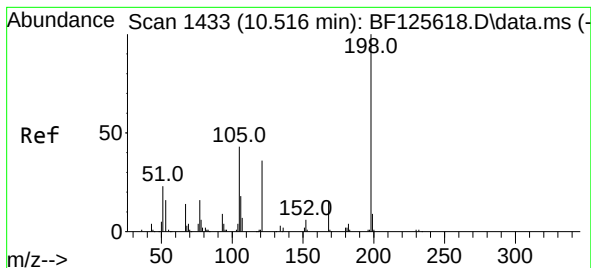
Tgt Ion:165	Resp:	72775
Ion Ratio	Lower	Upper
165	100	
63	0.9	40.9 61.3#
89	0.8	59.7 89.5#
182	0.0	0.0 0.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

Tgt Ion:188	Resp:	931131
Ion Ratio	Lower	Upper
188	100	
94	9.5	6.7 10.1
80	9.8	7.5 11.3

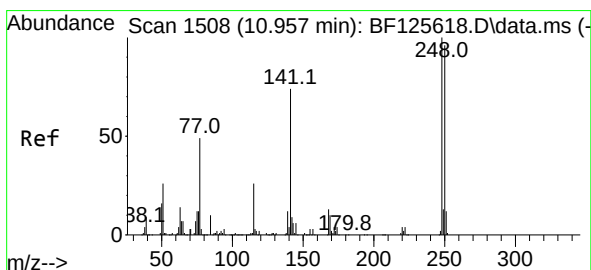
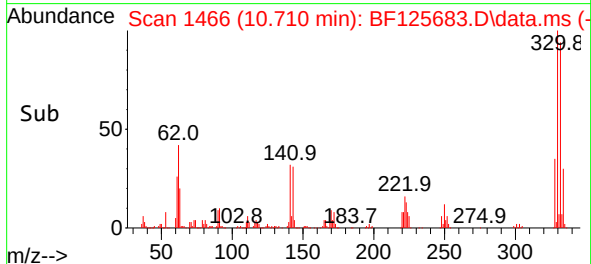
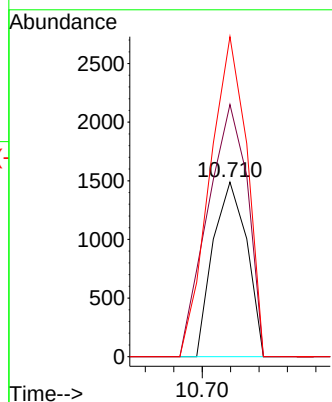
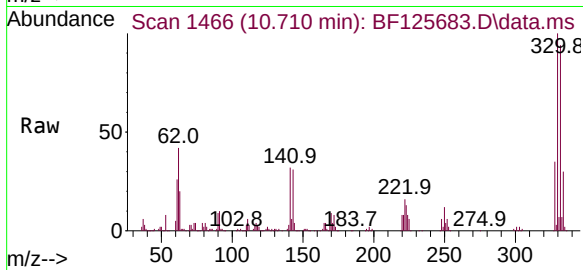




#65
4,6-Dinitro-2-methylphenol
Concen: 9.234 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.194 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

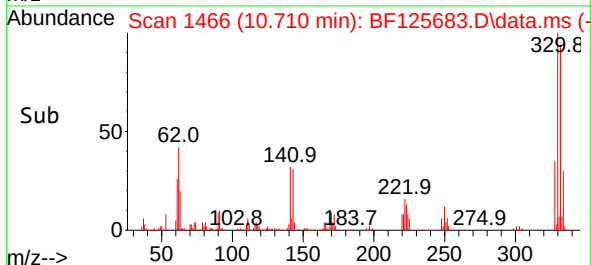
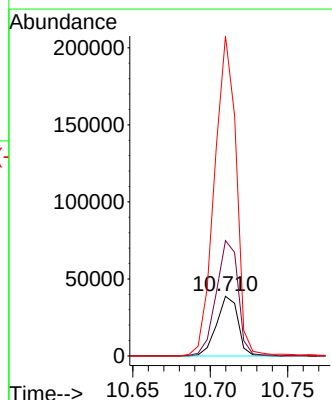
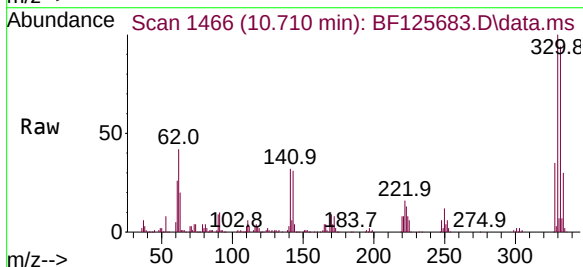
Instrument :
BNA_F
ClientSampleId :
PB139114BL

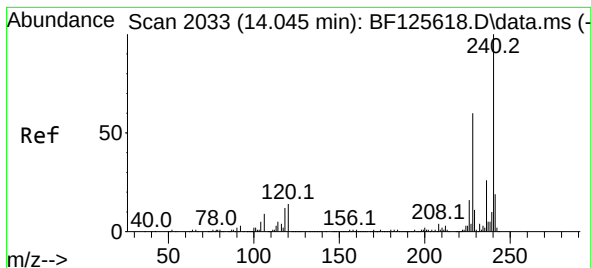
Tgt Ion:198 Resp: 1234
Ion Ratio Lower Upper
198 100
51 144.5 45.3 85.3#
105 183.4 30.6 70.6#



#67
4-Bromophenyl-phenylether
Concen: 3.808 ng
RT: 10.710 min Scan# 1466
Delta R.T. -0.247 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

Tgt Ion:248 Resp: 37211
Ion Ratio Lower Upper
248 100
250 193.2 74.2 111.4#
141 535.5 60.4 90.6#

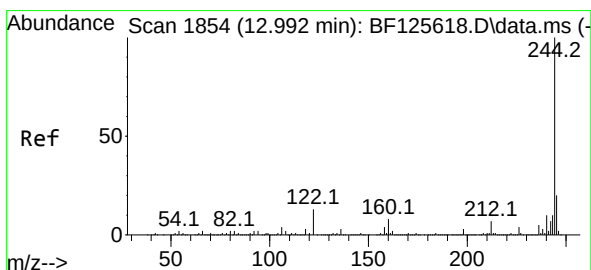
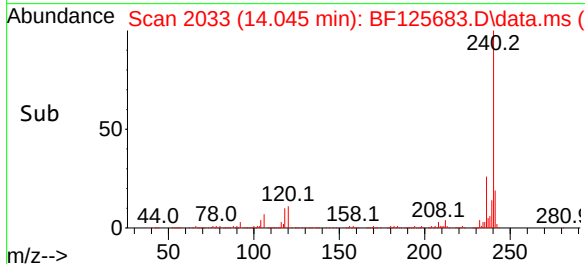
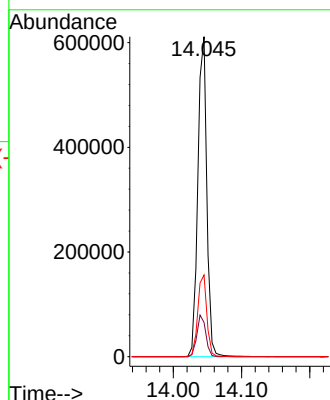
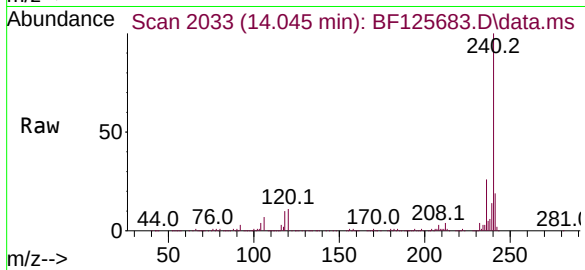




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

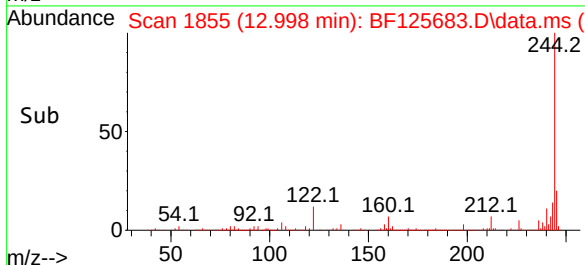
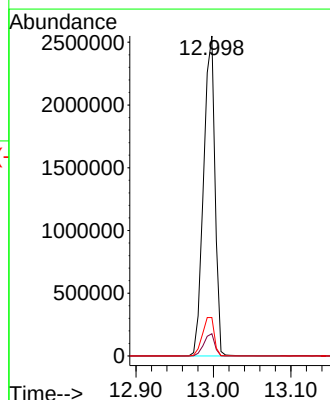
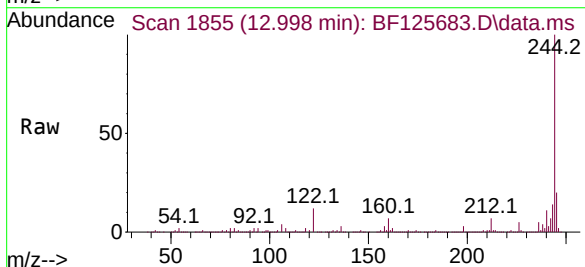
Instrument :
BNA_F
ClientSampleId :
PB139114BL

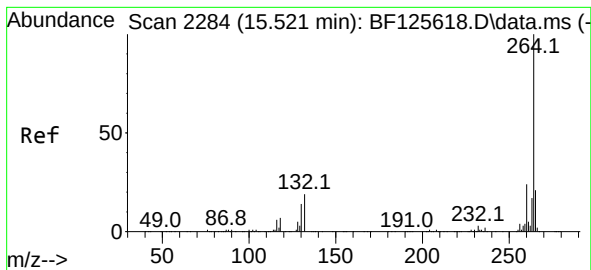
Tgt Ion:240 Resp: 554720
Ion Ratio Lower Upper
240 100
120 10.7 10.8 16.2#
236 25.6 21.6 32.4



#79
Terphenyl-d14
Concen: 81.327 ng
RT: 12.998 min Scan# 1855
Delta R.T. 0.006 min
Lab File: BF125683.D
Acq: 28 Sep 2021 11:13

Tgt Ion:244 Resp: 2605068
Ion Ratio Lower Upper
244 100
212 6.9 5.9 8.9
122 12.0 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: BF125683.D
 Acq: 28 Sep 2021 11:13

Instrument :
 BNA_F
 ClientSampleId :
 PB139114BL

Tgt Ion:264 Resp: 487831
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.6 29.4
 265 20.5 17.2 25.8

