

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112018\
 Data File : BG038115.D
 Acq On : 21 Nov 2018 12:28
 Operator : JU/SJ
 Sample : PB114976TB
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 21 14:01:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 16:39:28 2018
 Response via : Initial Calibration

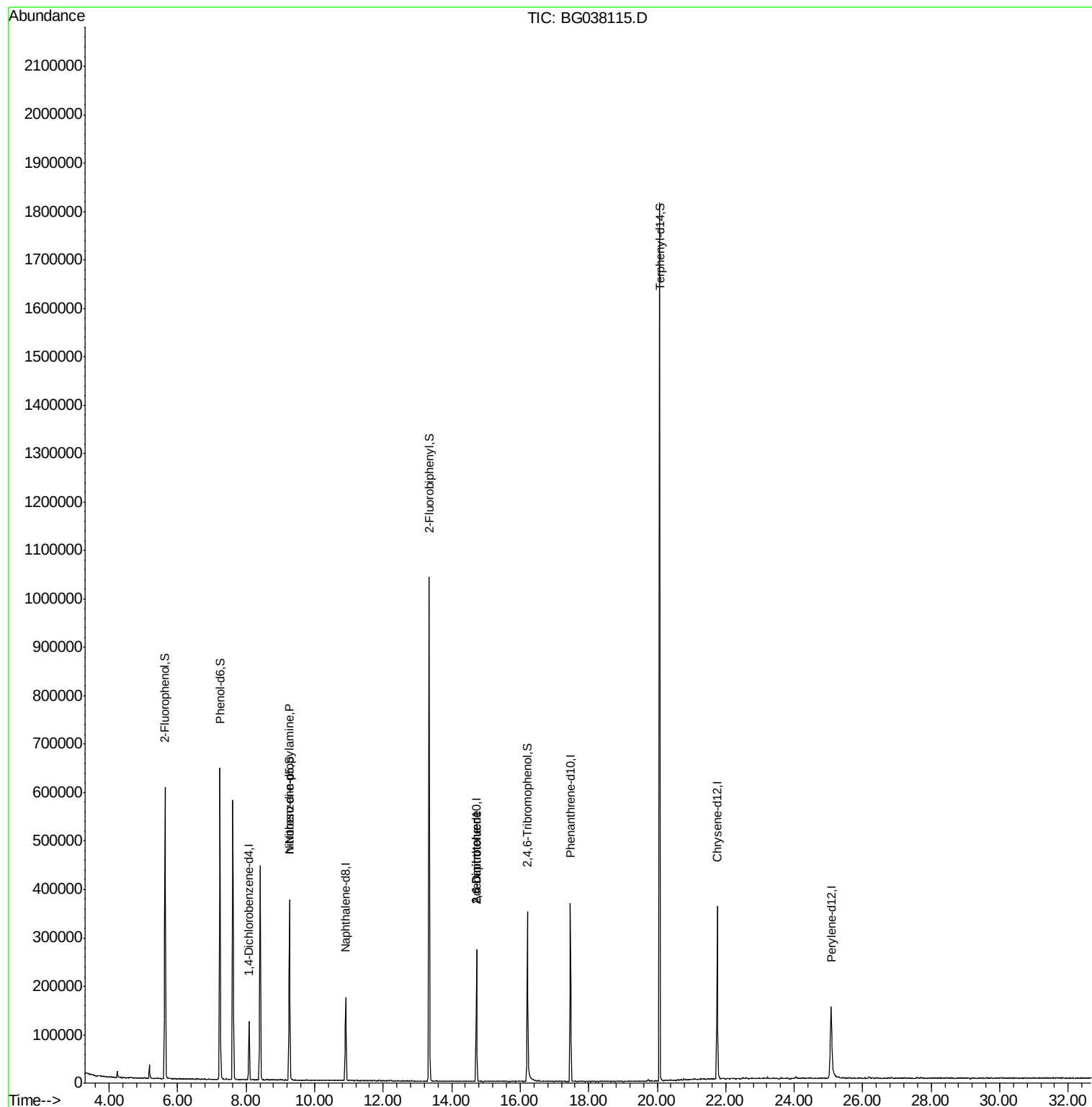
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	35545	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	153458	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	99334	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	230357	20.00	ng	0.00
76) Chrysene-d12	21.75	240	224554	20.00	ng	0.00
87) Perylene-d12	25.08	264	211655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	277261	134.68	ng	0.00
7) Phenol-d6	7.23	99	387341	131.81	ng	0.00
23) Nitrobenzene-d5	9.26	82	237057	82.69	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	75705	66.83	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	560903	82.26	ng	0.00
79) Terphenyl-d14	20.07	244	868629	91.02	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.26	70	29486	13.867	ng	# 70
51) 2,6-Dinitrotoluene	14.72	165	12566	7.050	ng	# 23
57) 2,4-Dinitrotoluene	14.72	165	12566	5.182	ng	# 23

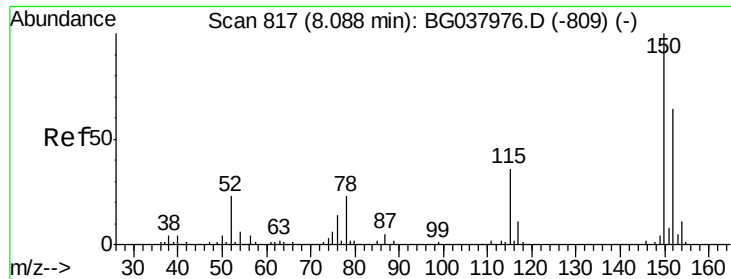
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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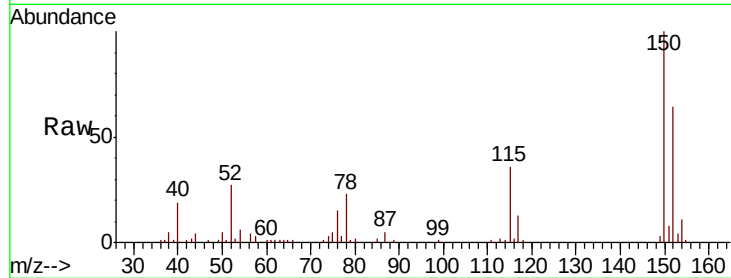


#1

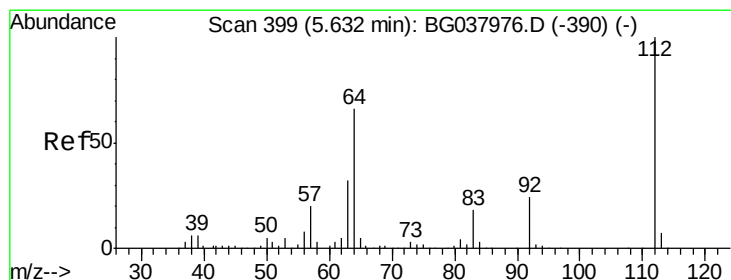
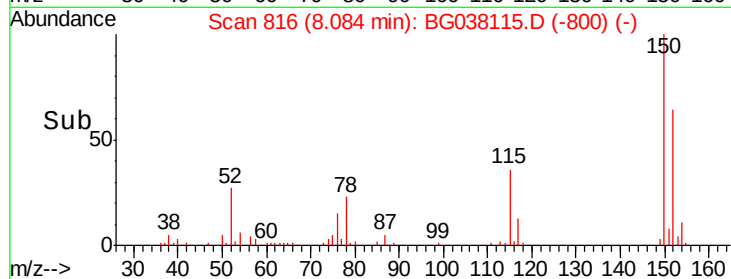
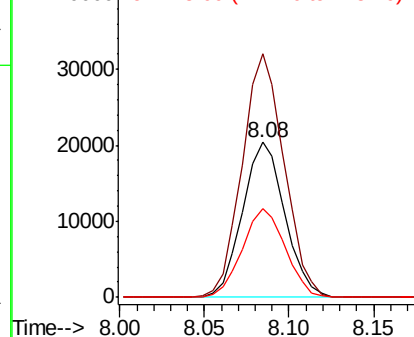
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.08 min Scan# 816
Delta R.T. -0.00 min
Lab File: BG038115.D
Acq: 21 Nov 2018 12:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 35545
Ion Ratio Lower Upper
152 100
150 156.9 126.0 189.0
115 56.8 45.5 68.3



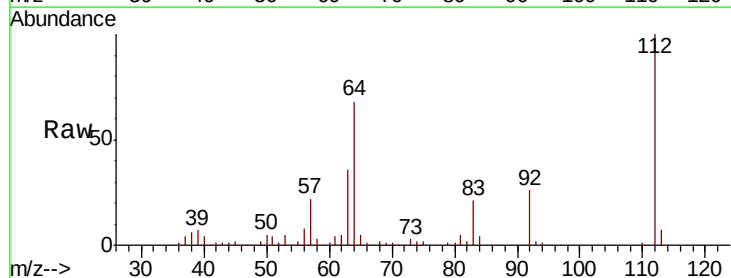
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



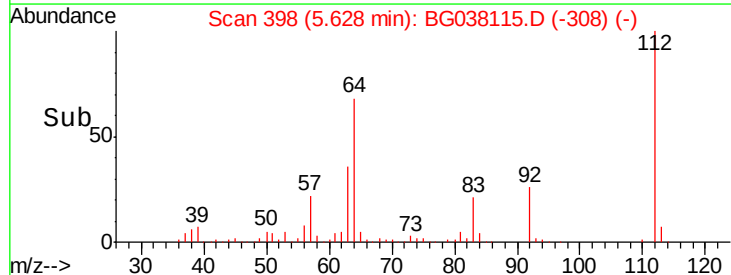
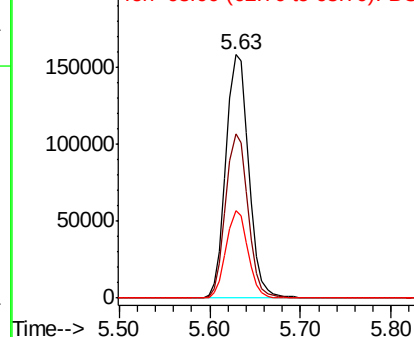
#5

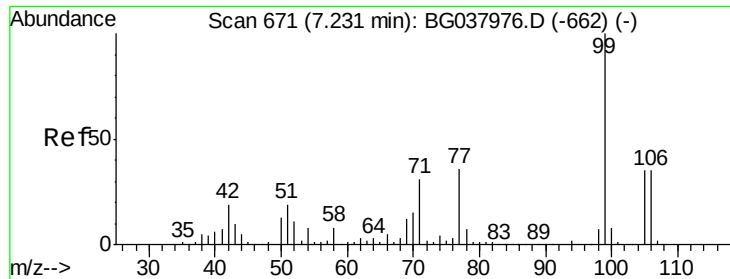
2-Fluorophenol
Concen: 134.677 ng
RT: 5.63 min Scan# 398
Delta R.T. -0.00 min
Lab File: BG038115.D
Acq: 21 Nov 2018 12:28

Tgt Ion:112 Resp: 277261
Ion Ratio Lower Upper
112 100
64 67.7 53.1 79.7
63 36.0 27.3 40.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 131.807 ng

RT: 7.23 min Scan# 671

Delta R.T. 0.00 min

Lab File: BG038115.D

Acq: 21 Nov 2018 12:28

Instrument :

BNA_F

ClientSampleId :

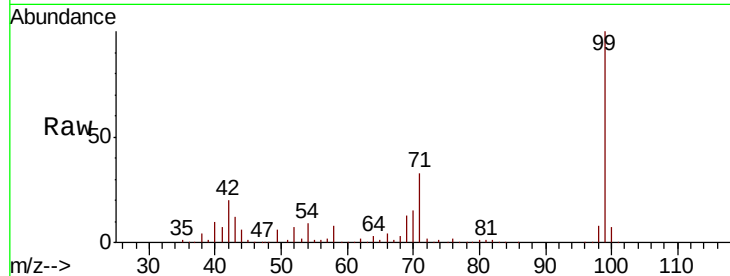
Tot Ion: 99 Resp: 387341

Ion Ratio Lower Upper

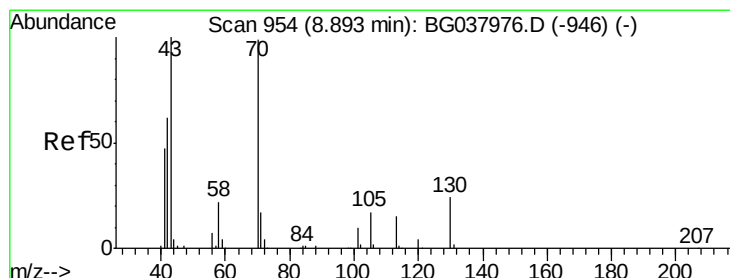
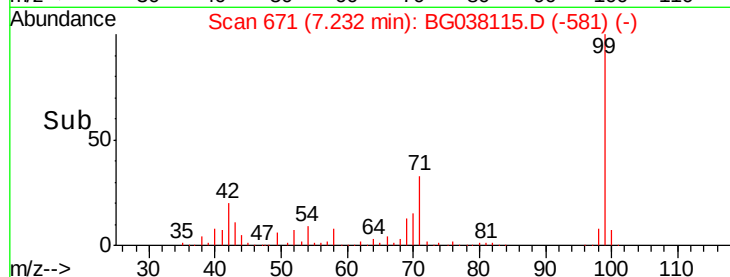
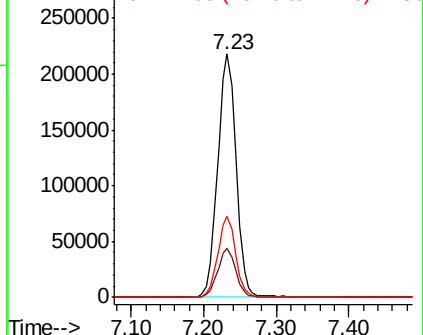
99 100

42 20.1 15.0 22.4

71 33.4 25.5 38.3



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 13.867 ng

RT: 9.26 min Scan# 1016

Delta R.T. 0.37 min

Lab File: BG038115.D

Acq: 21 Nov 2018 12:28

Tgt Ion: 70 Resp: 29486

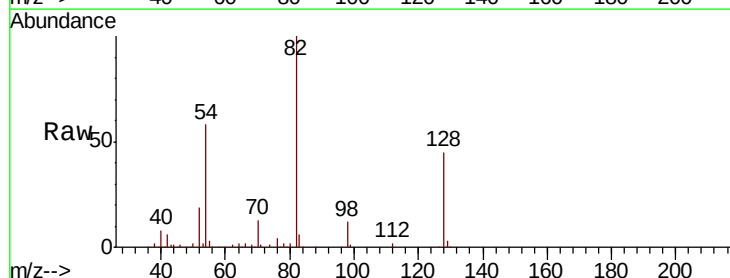
Ion Ratio Lower Upper

70 100

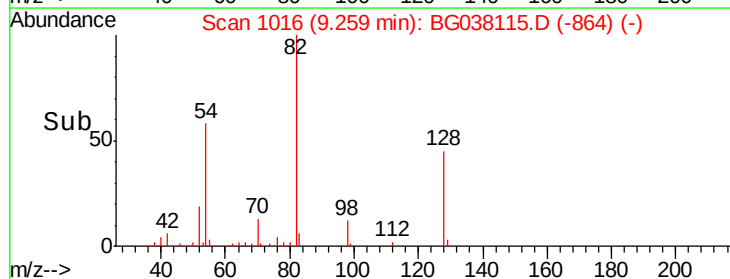
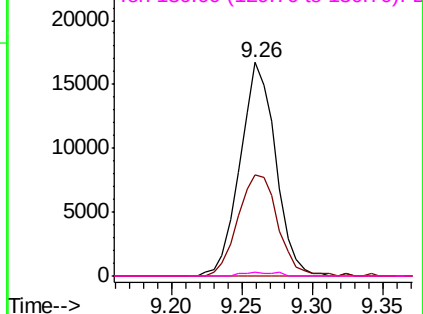
42 47.2 53.9 80.9#

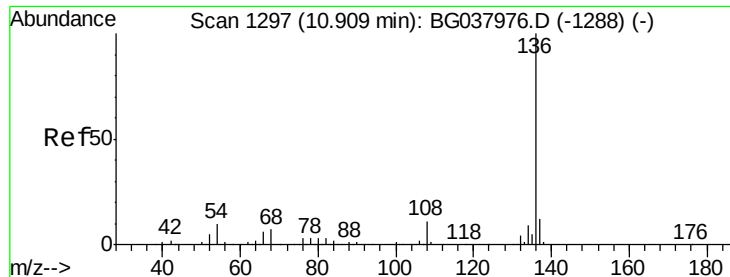
101 0.0 8.2 12.2#

130 1.7 18.2 27.4#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

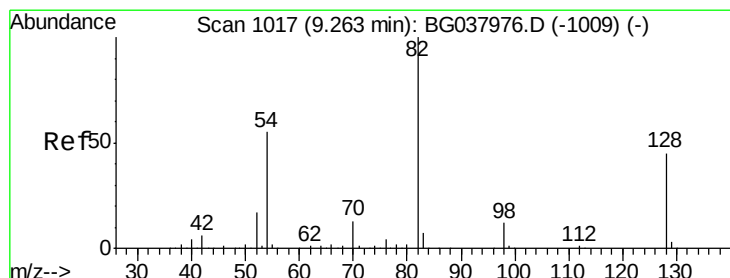
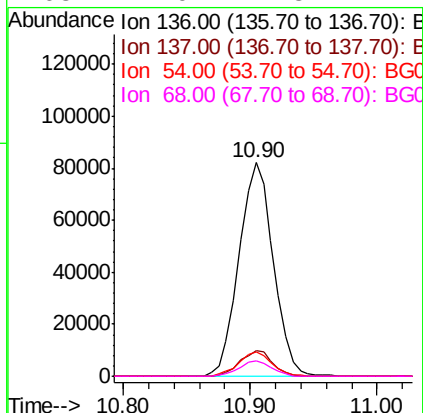
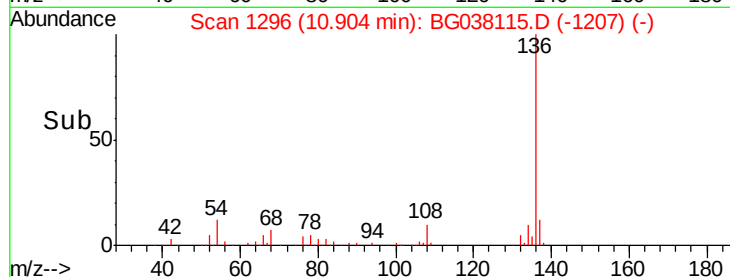
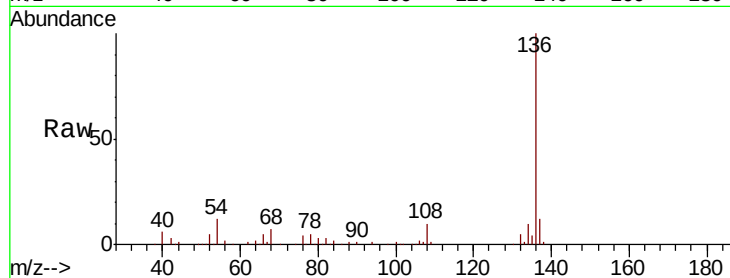




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.00 min
Lab File: BG038115.D
Acq: 21 Nov 2018 12:28

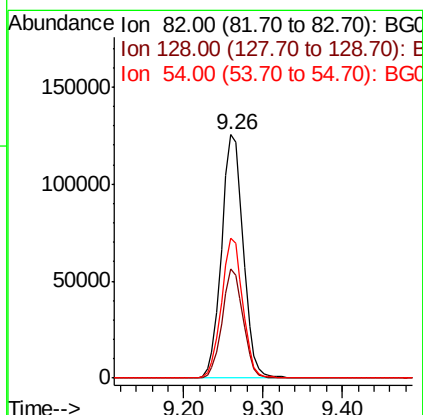
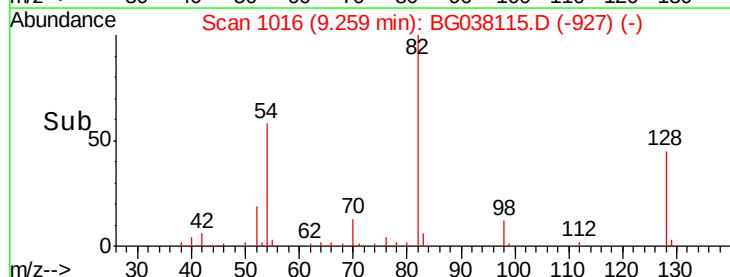
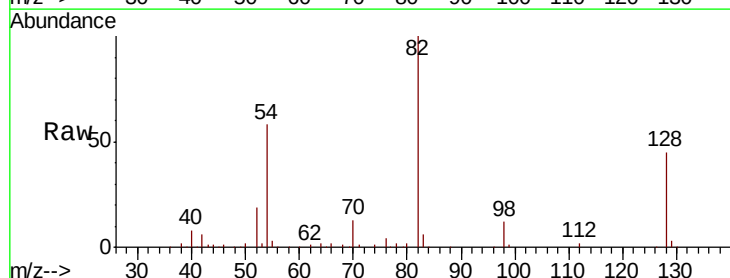
Instrument :
BNA_F
ClientSampleId :

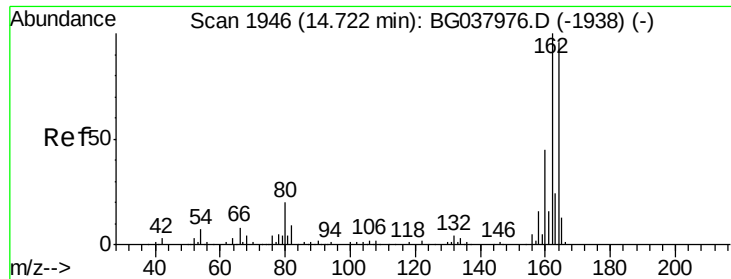
Tot Ion:136	Resp:	153458
Ion	Ratio	Lower Upper
136	100	
137	12.0	9.6 14.4
54	11.5	7.9 11.9
68	7.0	4.8 7.2



#23
Nitrobenzene-d5
Concen: 82.692 ng
RT: 9.26 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BG038115.D
Acq: 21 Nov 2018 12:28

Tgt Ion: 82	Resp:	237057
Ion	Ratio	Lower Upper
82	100	
128	44.6	34.6 51.8
54	57.6	45.3 67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.72 min Scan# 1946

Delta R.T. 0.00 min

Lab File: BG038115.D

Acq: 21 Nov 2018 12:28

Instrument :

BNA_F

ClientSampleId :

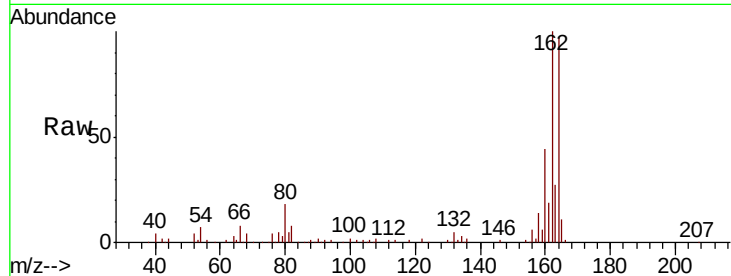
Tot Ion:164 Resp: 99334

Ion Ratio Lower Upper

164 100

162 102.7 81.3 121.9

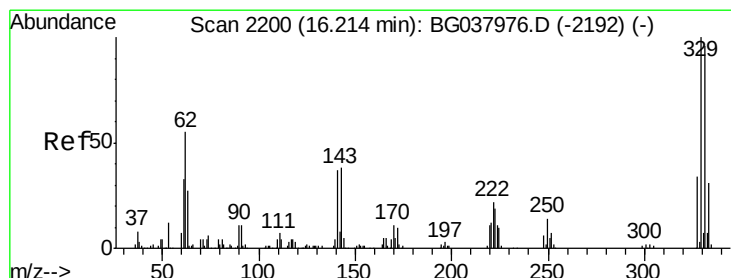
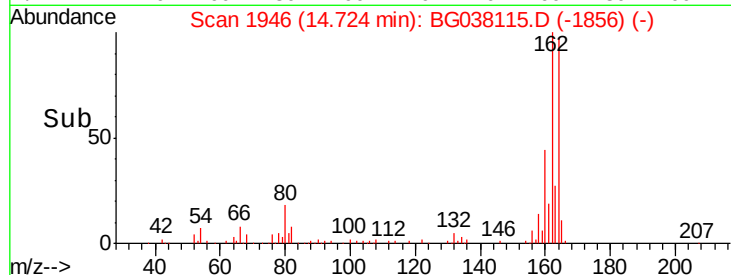
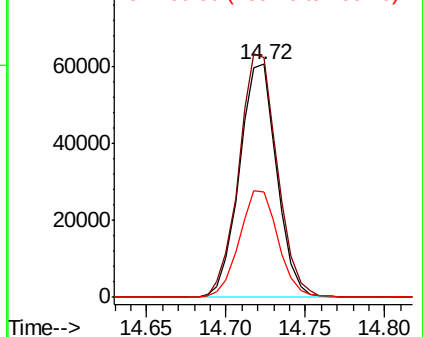
160 45.1 36.3 54.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 66.825 ng

RT: 16.21 min Scan# 2199

Delta R.T. -0.00 min

Lab File: BG038115.D

Acq: 21 Nov 2018 12:28

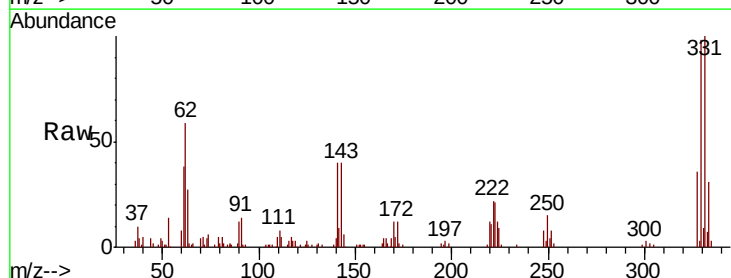
Tgt Ion:330 Resp: 75705

Ion Ratio Lower Upper

330 100

332 96.7 78.4 117.6

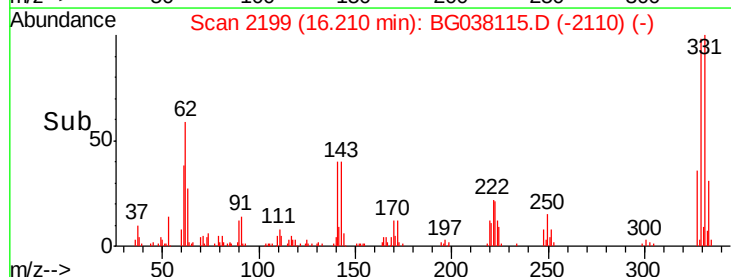
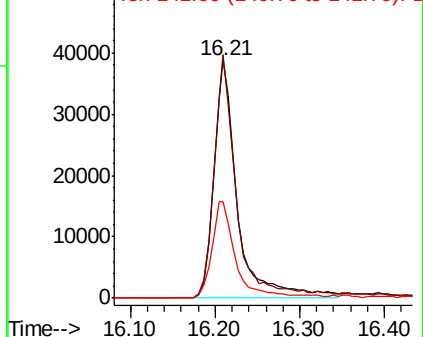
141 40.4 32.2 48.2

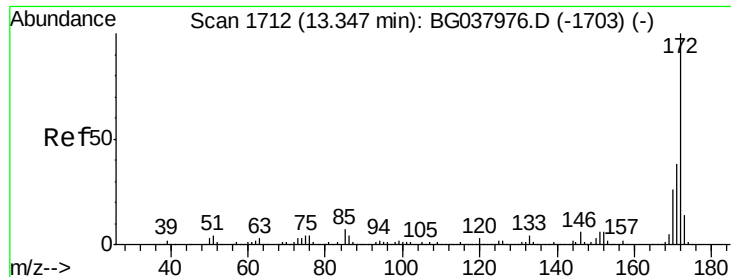


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

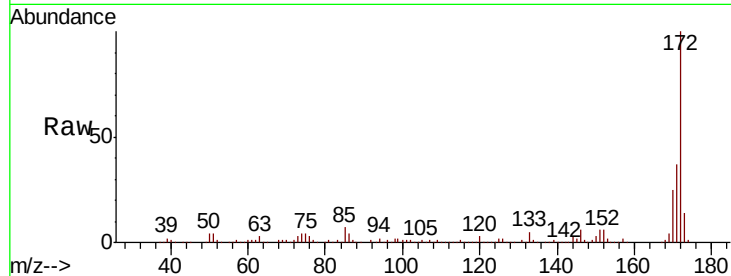




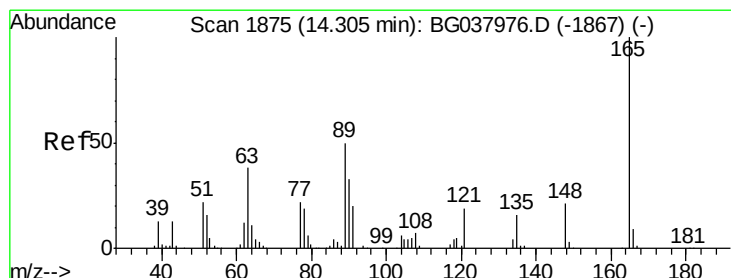
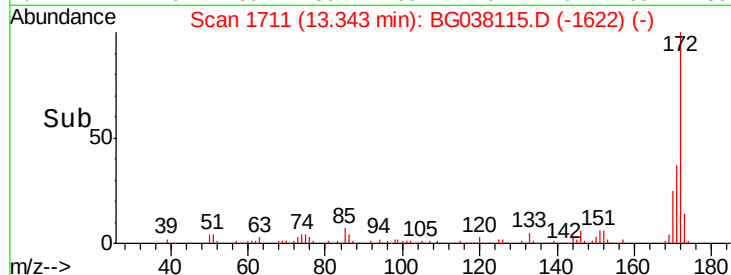
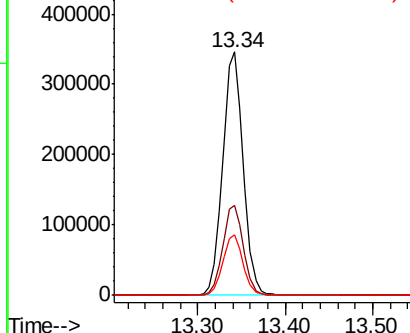
#45
 2-Fluorobiphenyl
 Concen: 82.263 ng
 RT: 13.34 min Scan# 1711
 Delta R.T. -0.00 min
 Lab File: BG038115.D
 Acq: 21 Nov 2018 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.0	46.4
170	24.8	20.2	30.2

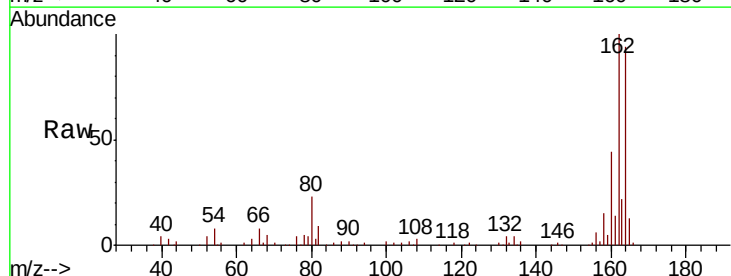


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

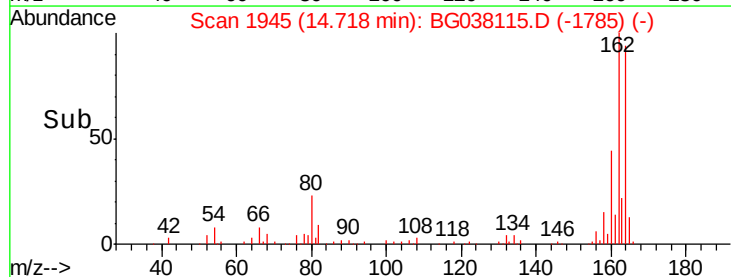
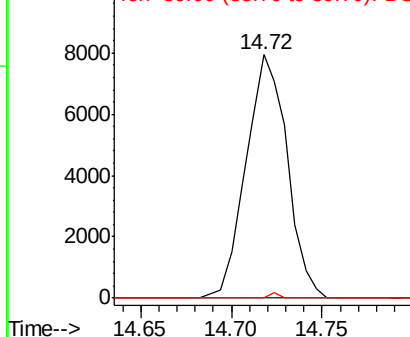


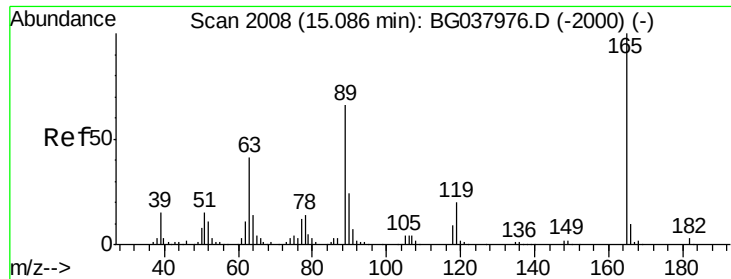
#51
 2,6-Dinitrotoluene
 Concen: 7.050 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. 0.41 min
 Lab File: BG038115.D
 Acq: 21 Nov 2018 12:28

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.4	65.2#
89	0.0	45.8	68.6#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG0
 Ion 89.00 (88.70 to 89.70): BG0

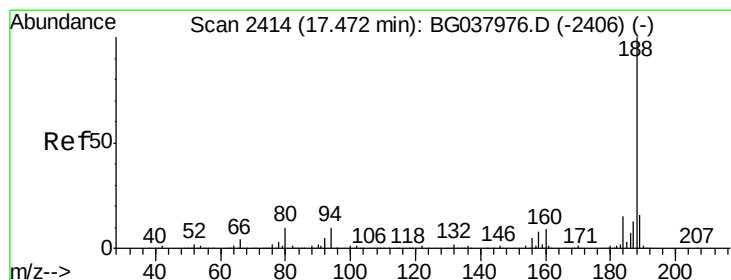
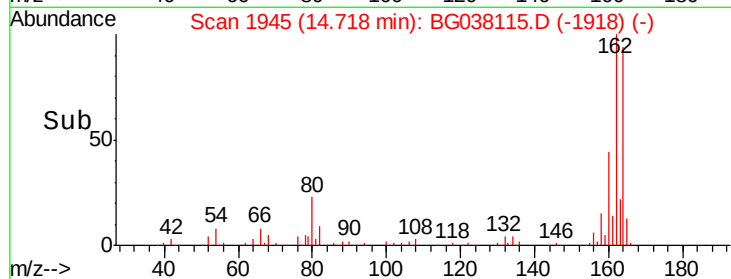
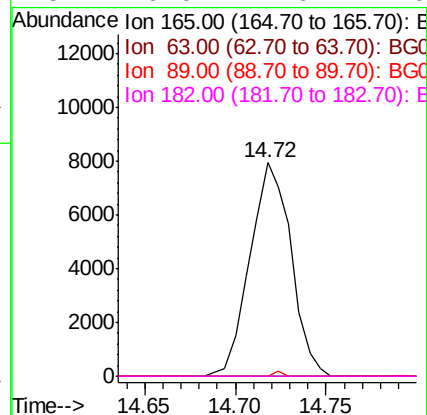
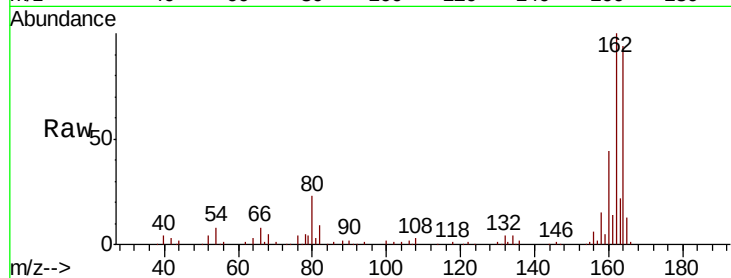




#57
 2,4-Dinitrotoluene
 Concen: 5.182 ng
 RT: 14.72 min Scan# 1945
 Delta R.T. -0.37 min
 Lab File: BG038115.D
 Acq: 21 Nov 2018 12:28

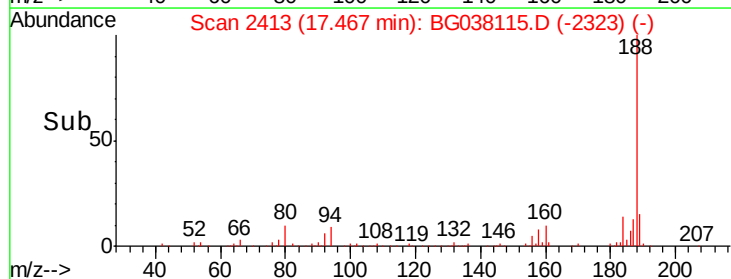
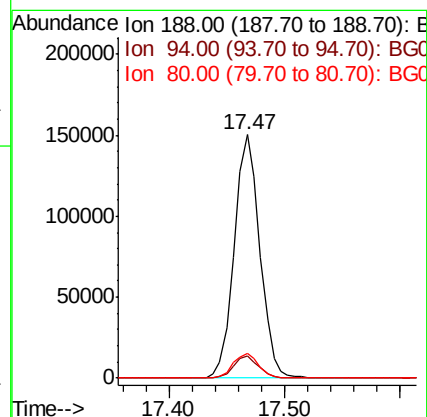
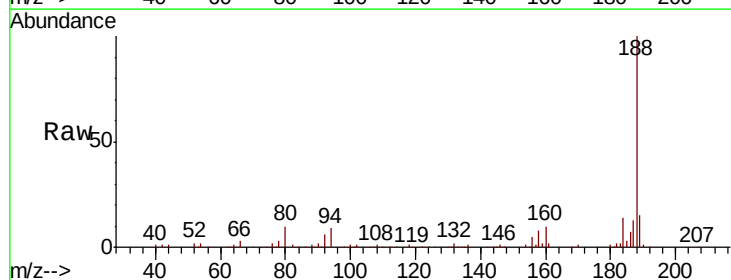
Instrument :
 BNA_F
 ClientSampleId :

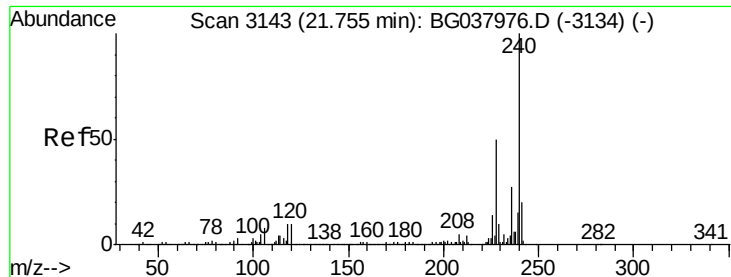
Tot Ion:	165	Resp:	12566
Ion	Ratio	Lower	Upper
165	100		
63	0.0	33.4	50.0#
89	0.0	57.2	85.8#
182	0.0	2.6	4.0#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.47 min Scan# 2413
 Delta R.T. -0.00 min
 Lab File: BG038115.D
 Acq: 21 Nov 2018 12:28

Tgt Ion:	188	Resp:	230357
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.2	10.8
80	10.2	7.7	11.5

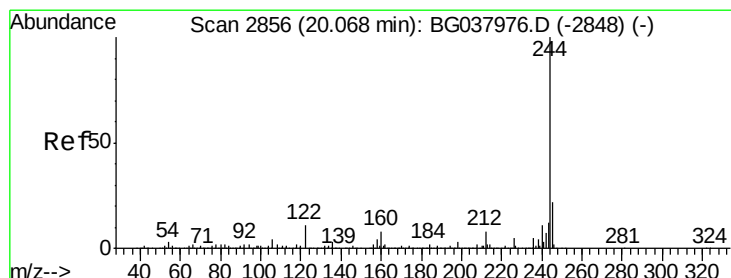
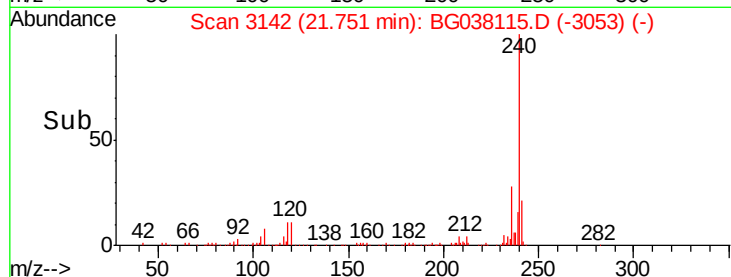
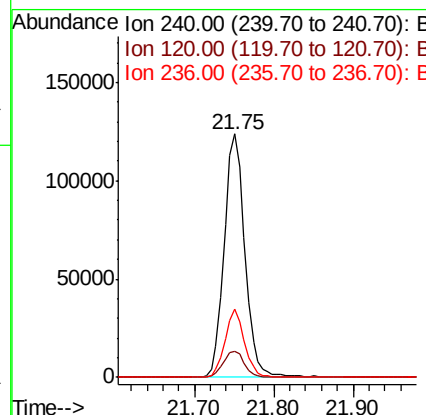
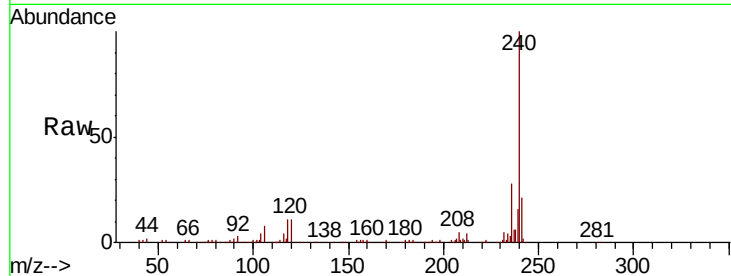




#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.75 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG038115.D
 Acq: 21 Nov 2018 12:28

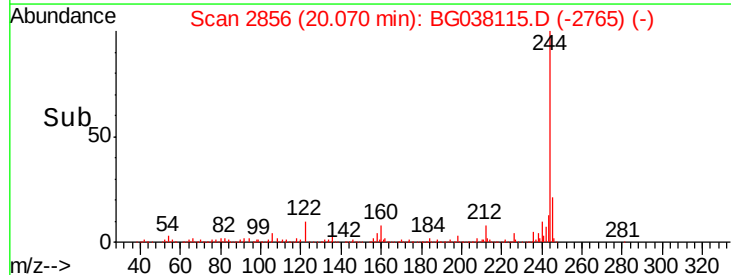
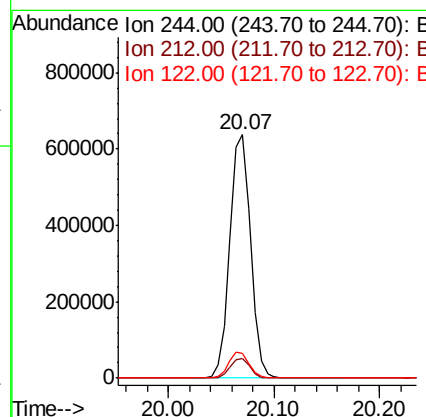
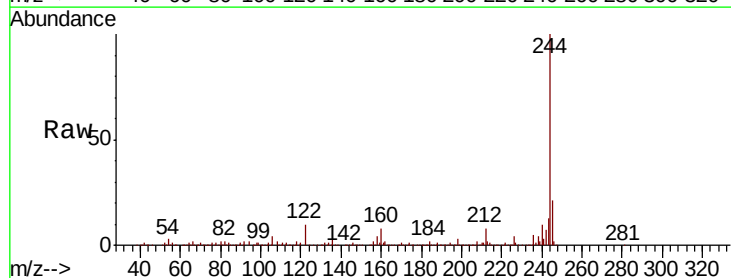
Instrument :
 BNA_F
 ClientSampleId :

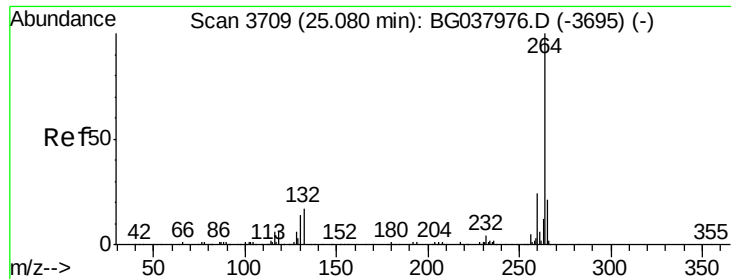
Tot Ion:240 Resp: 224554
 Ion Ratio Lower Upper
 240 100
 120 10.8 8.1 12.1
 236 28.3 21.4 32.0



#79
 Terphenyl-d14
 Concen: 91.020 ng
 RT: 20.07 min Scan# 2856
 Delta R.T. 0.00 min
 Lab File: BG038115.D
 Acq: 21 Nov 2018 12:28

Tgt Ion:244 Resp: 868629
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 10.4 9.0 13.4





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3708
 Delta R.T. -0.00 min
 Lab File: BG038115.D
 Acq: 21 Nov 2018 12:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.1	18.2	27.4
265	22.4	17.9	26.9

