

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
 Data File : BF082948.D
 Acq On : 16 Nov 2015 19:59
 Operator : UM/IZ
 Sample : G4429-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-D-S

Quant Time: Nov 17 00:10:05 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 07 02:32:49 2015
 Response via : Initial Calibration

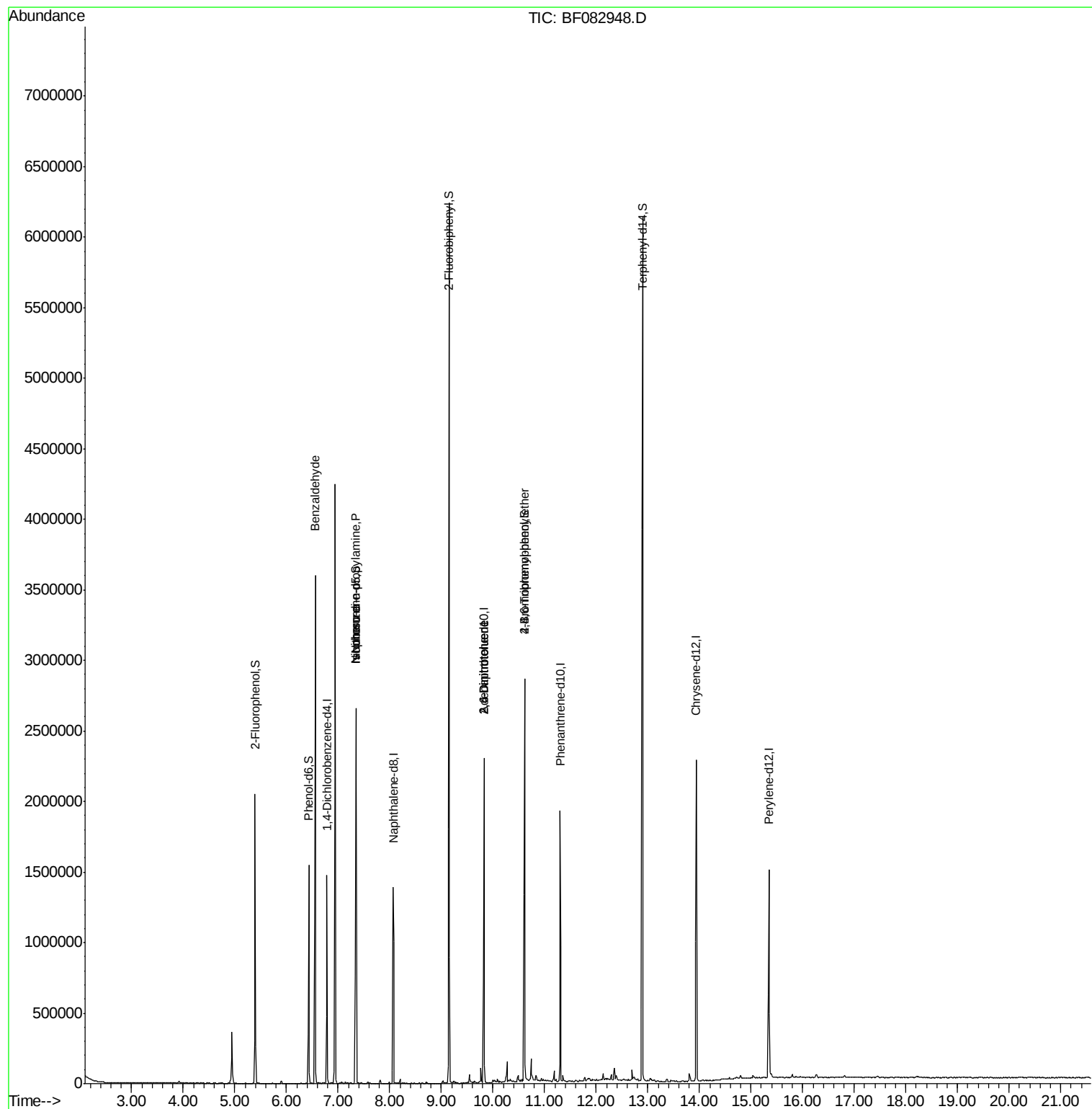
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	223780	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	820615	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	469593	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	826583	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	872118	20.00	ng	-0.08
86) Perylene-d12	15.35	264	692811	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	493836	34.34	ng	-0.06
7) Phenol-d6	6.43	99	484349	25.33	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1373072	72.81	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	348375	64.70	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1987483	60.66	ng	-0.07
78) Terphenyl-d14	12.90	244	2355557	64.06	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.56	77	24059	2.28	ng	Qvalue 87
19) n-Nitroso-di-n-propylamine	7.34	70	184351	13.12	ng	# 71
25) Isophorone	7.34	82	1369354	39.24	ng	# 69
50) 2,6-Dinitrotoluene	9.82	165	60191	7.33	ng	# 17
56) 2,4-Dinitrotoluene	9.82	165	60180	5.40	ng	# 15
66) 4-Bromophenyl-phenylether	10.61	248	25269	2.54	ng	# 1

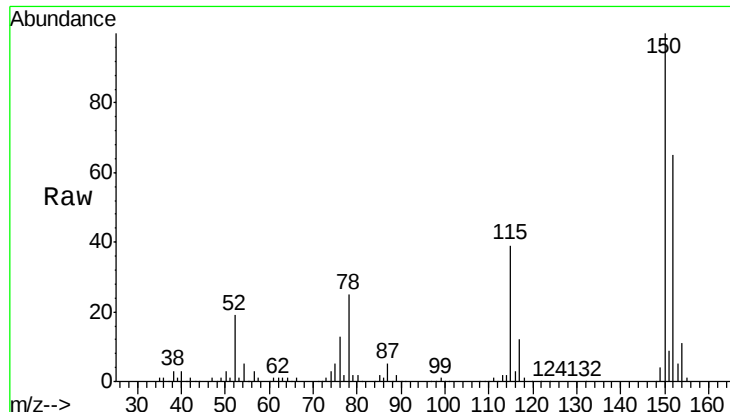
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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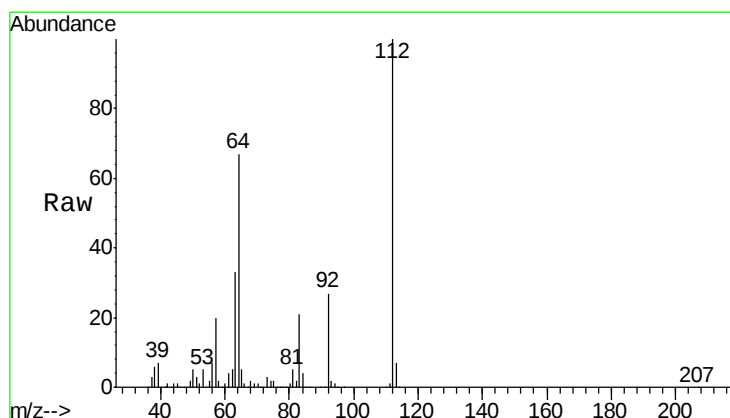
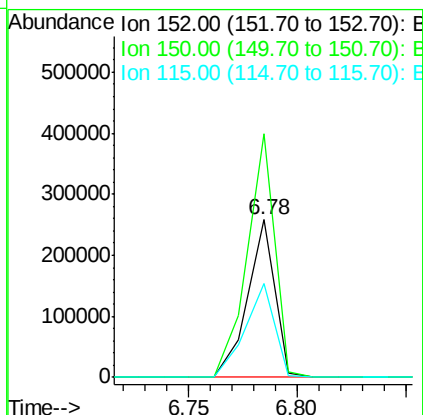
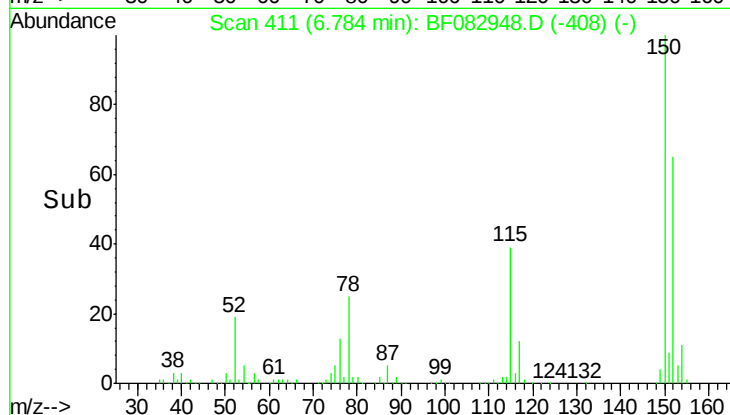




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

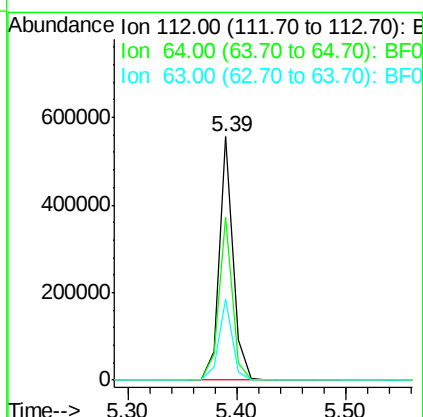
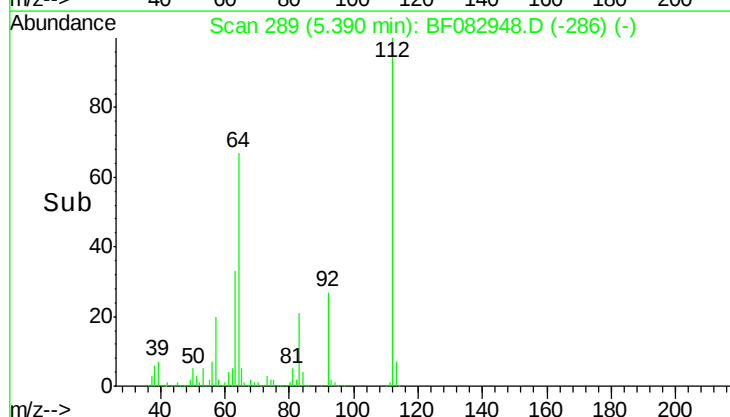
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-D-S

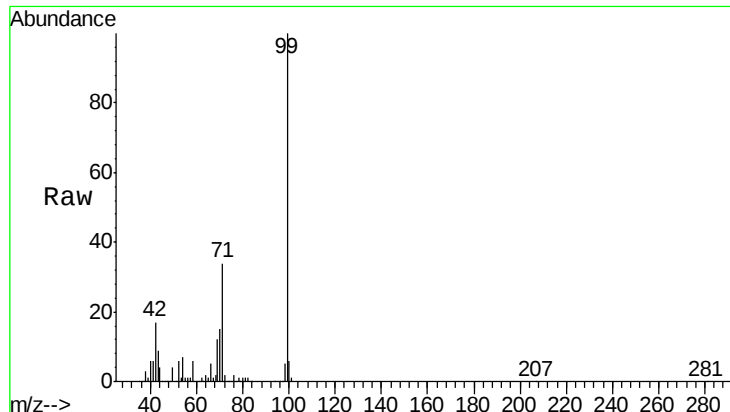
Tgt Ion:152 Resp: 223780
 Ion Ratio Lower Upper
 152 100
 150 154.5 127.0 190.4
 115 59.7 47.0 70.6



#5
 2-Fluorophenol
 Concen: 34.34 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

Tgt Ion:112 Resp: 493836
 Ion Ratio Lower Upper
 112 100
 64 66.8 48.9 73.3
 63 33.4 28.1 42.1





#7

Phenol-d6

Concen: 25.33 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082948.D

Acq: 16 Nov 2015 19:59

Instrument :

BNA_F

ClientSampleId :

111315-A263-F-D-S

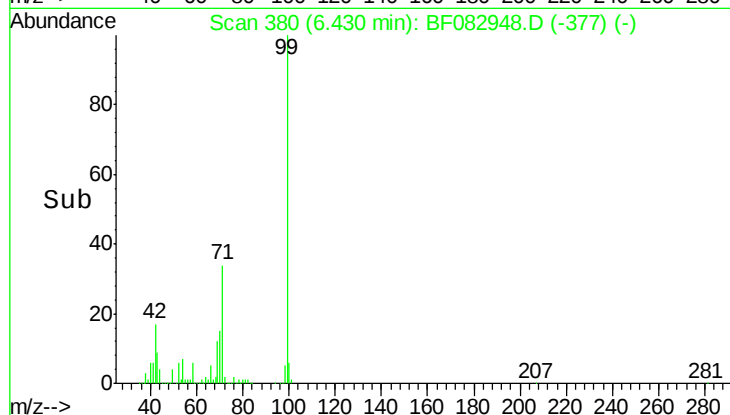
Tgt Ion: 99 Resp: 484349

Ion Ratio Lower Upper

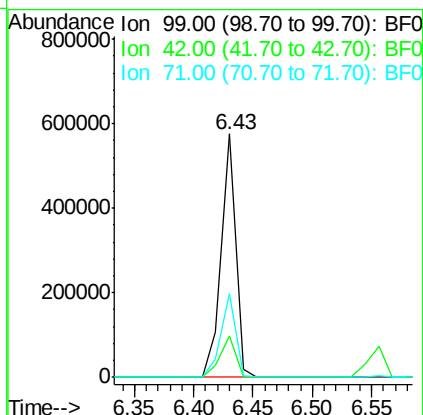
99 100

42 16.8 19.2 28.8#

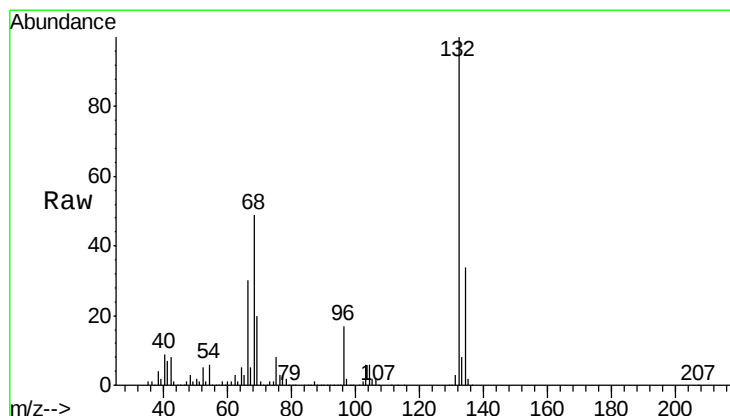
71 34.2 35.0 52.4#



Scan 380 (6.430 min): BF082948.D (-377) (-)



6.43



#9

Benzaldehyde

Concen: 2.28 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082948.D

Acq: 16 Nov 2015 19:59

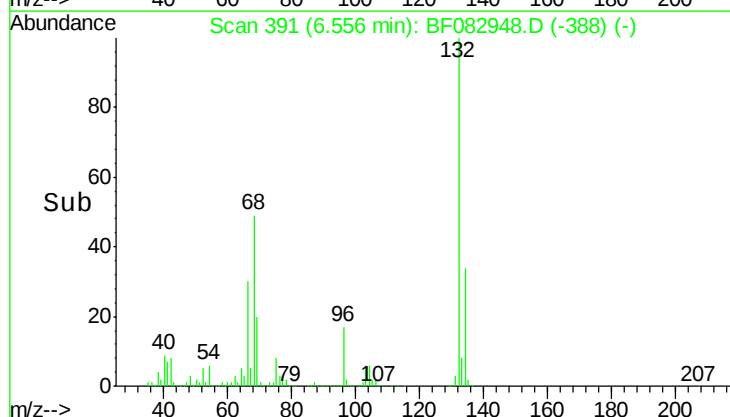
Tgt Ion: 77 Resp: 24059

Ion Ratio Lower Upper

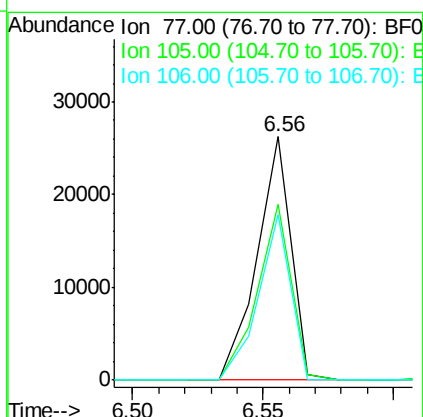
77 100

105 72.0 63.5 103.5

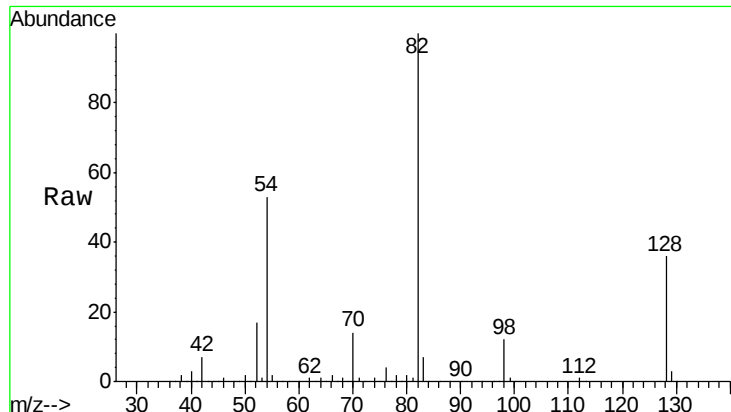
106 68.1 59.3 99.3



Scan 391 (6.556 min): BF082948.D (-388) (-)



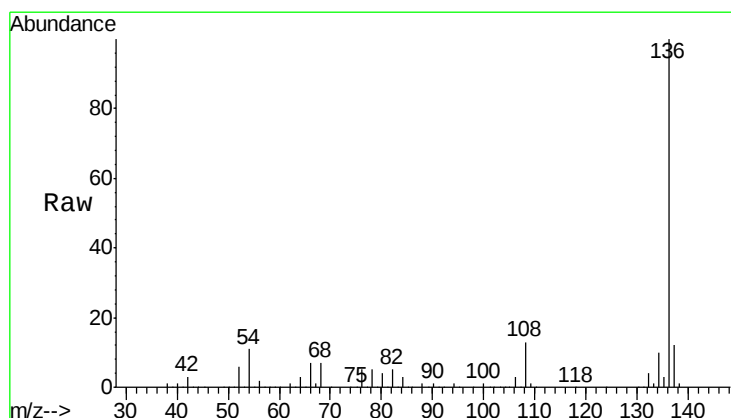
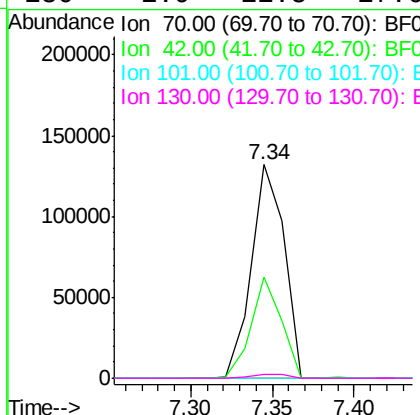
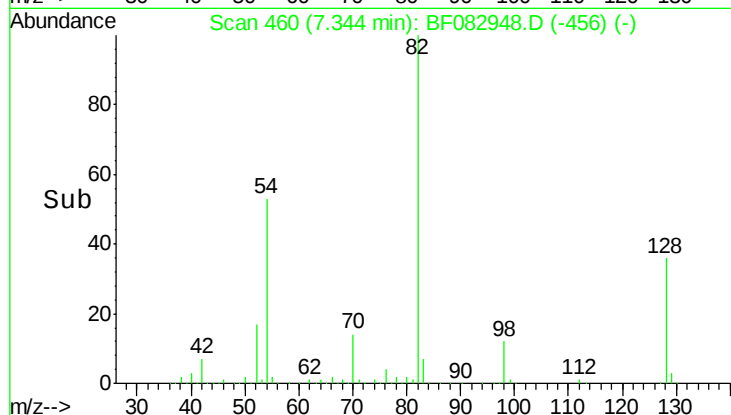
6.56



#19
 n-Nitroso-di-n-propylamine
 Concen: 13.12 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.08 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

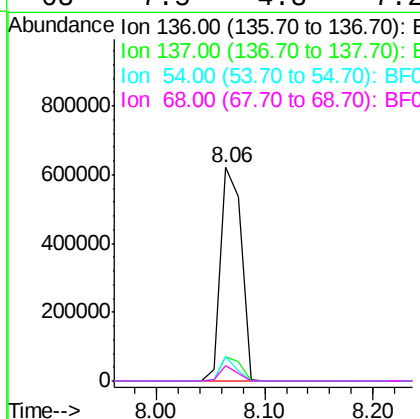
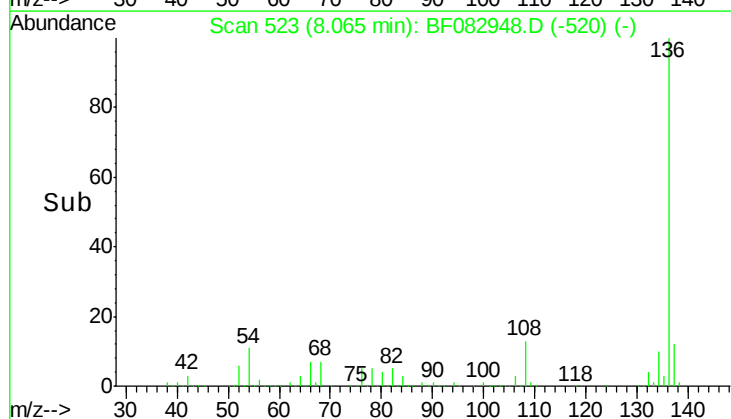
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-D-S

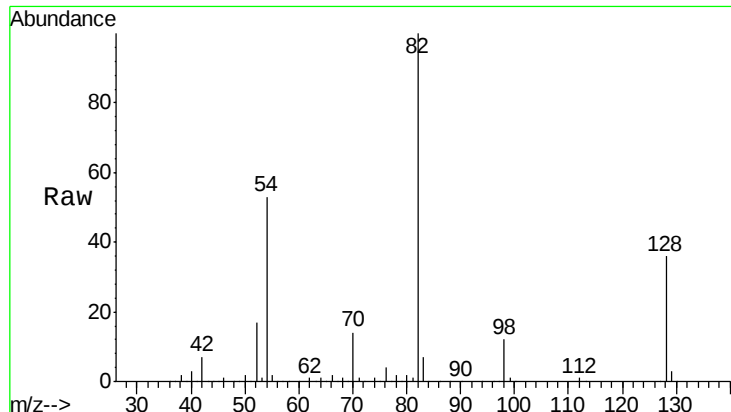
Tgt Ion:	70	Resp:	184351
Ion Ratio	Lower	Upper	
70	100		
42	47.4	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.08 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

Tgt Ion:	136	Resp:	820615
Ion Ratio	Lower	Upper	
136	100		
137	11.6	9.1	13.7
54	11.5	9.1	13.7
68	7.5	4.8	7.2#



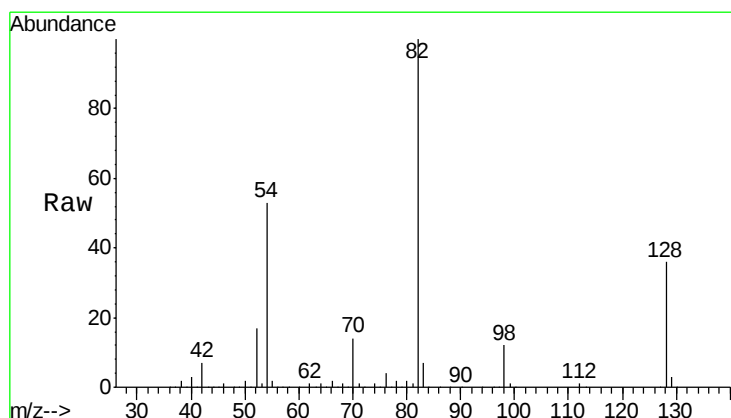
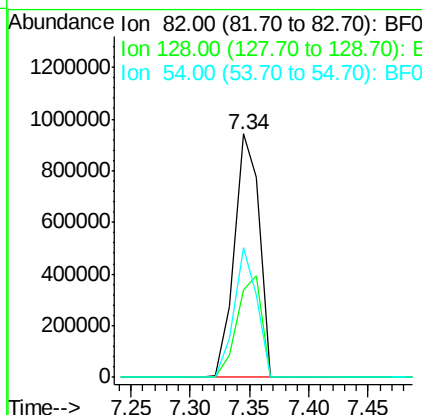
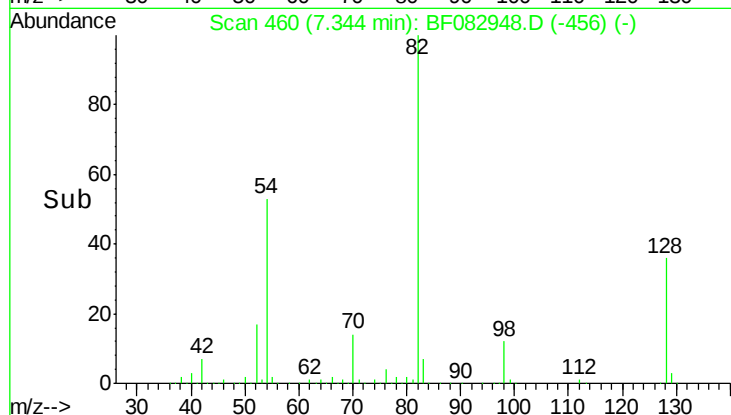


#23
 Nitrobenzene-d5
 Concen: 72.81 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-D-S

Tgt Ion: 82 Resp: 1373072

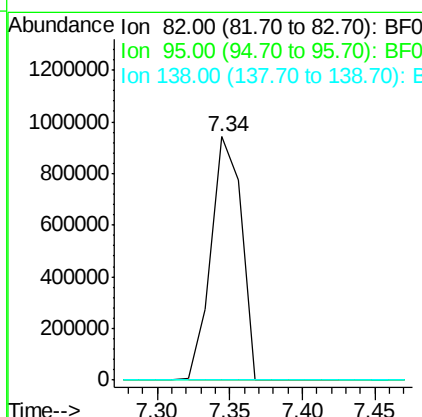
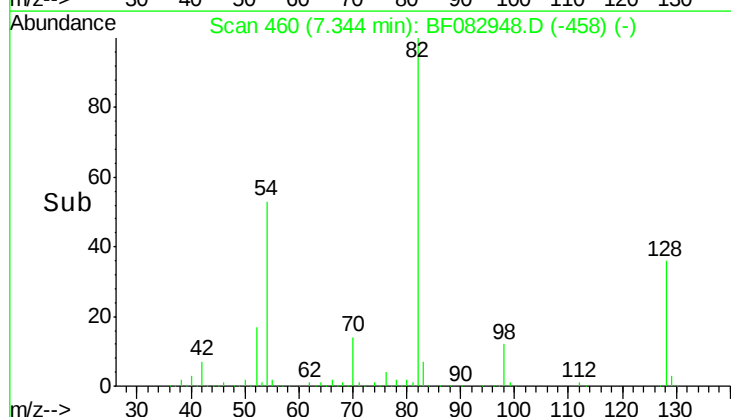
Ion	Ratio	Lower	Upper
82	100		
128	35.9	26.8	40.2
54	53.5	45.7	68.5

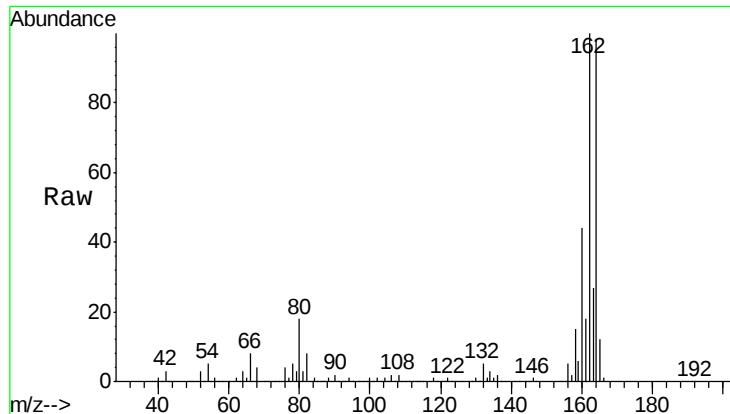


#25
 Isophorone
 Concen: 39.24 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

Tgt Ion: 82 Resp: 1369354

Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#

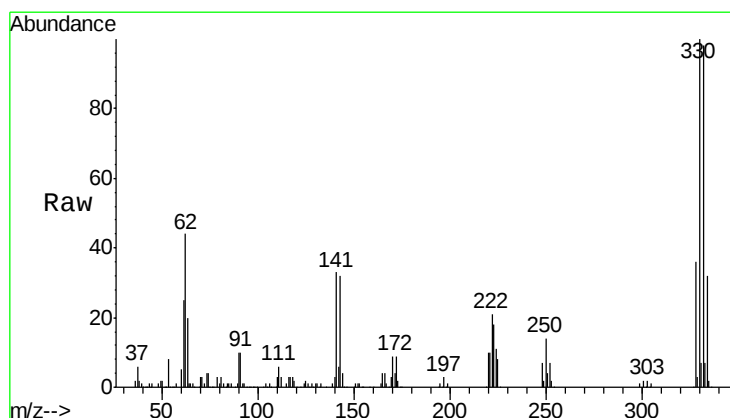
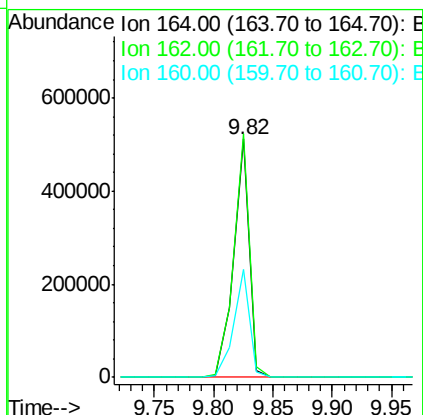
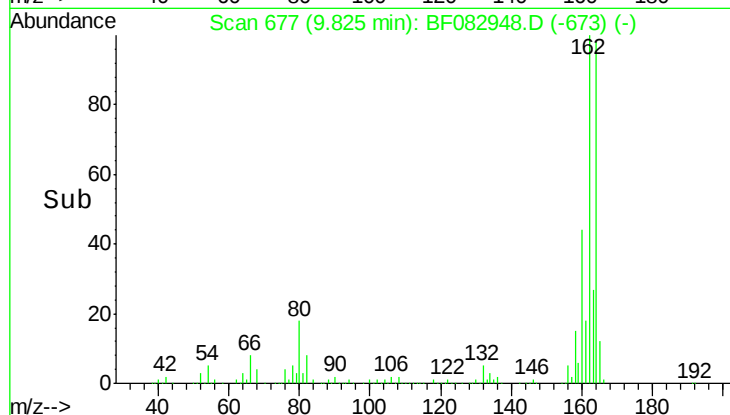




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

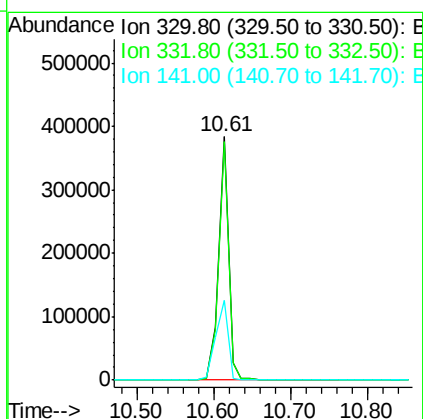
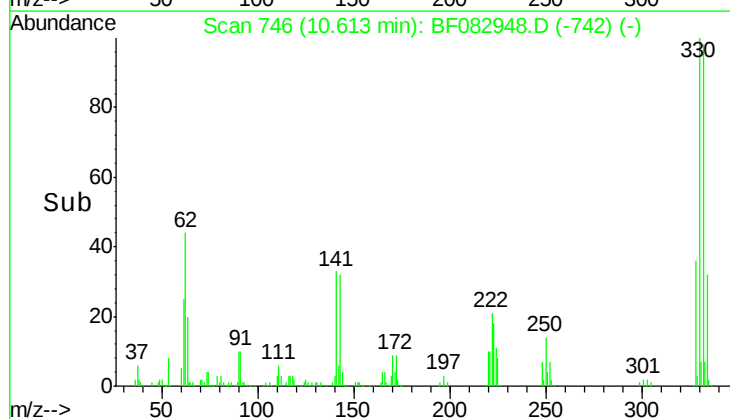
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-D-S

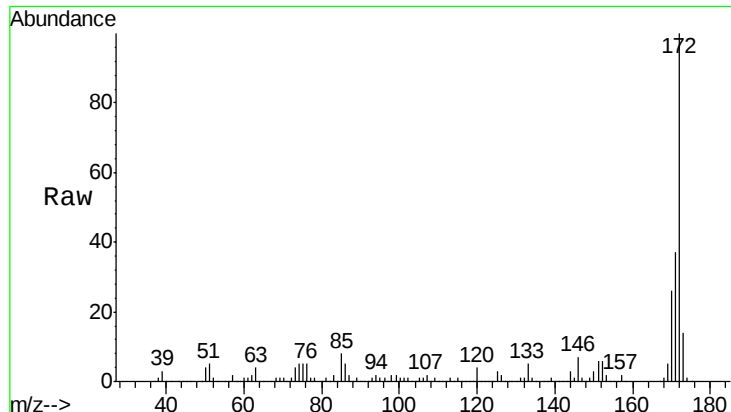
Tgt Ion:164 Resp: 469593
 Ion Ratio Lower Upper
 164 100
 162 102.3 84.9 127.3
 160 45.3 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 64.70 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

Tgt Ion:330 Resp: 348375
 Ion Ratio Lower Upper
 330 100
 332 97.6 76.6 114.8
 141 40.0 41.2 61.8#

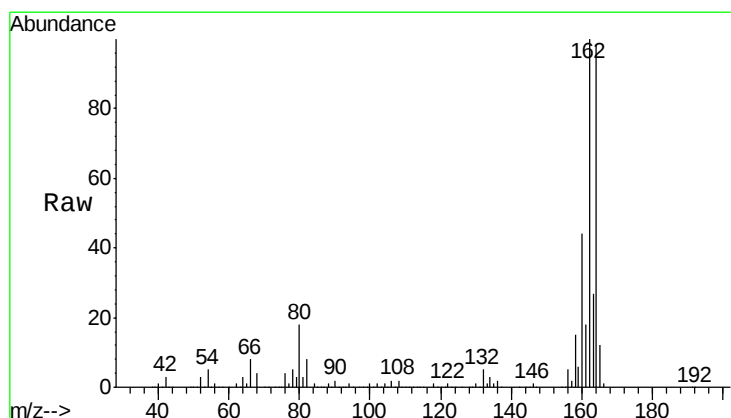
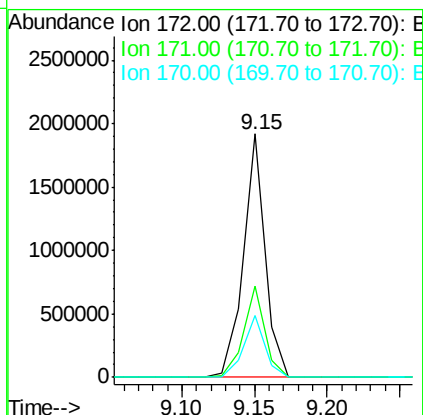
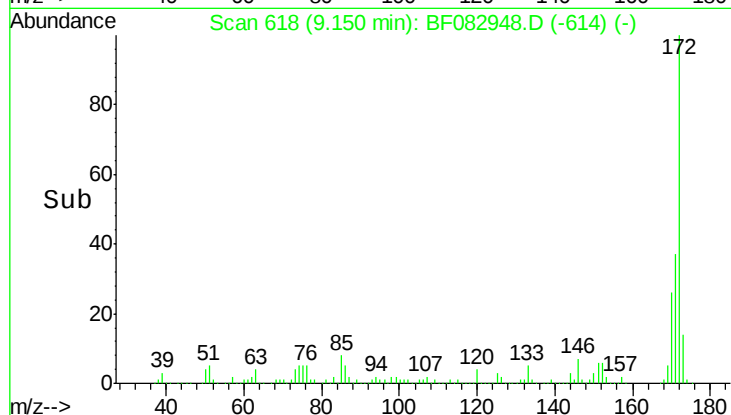




#44
 2-Fluorobiphenyl
 Concen: 60.66 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

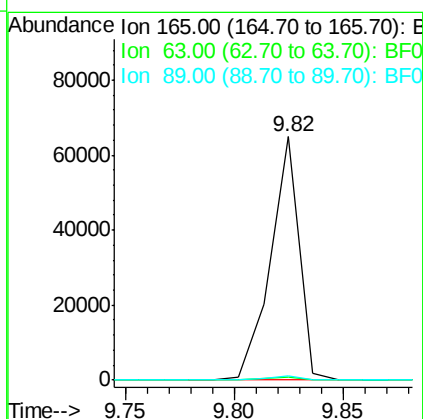
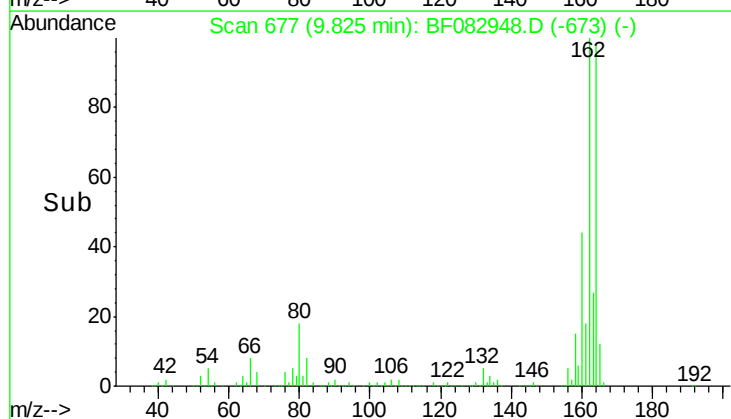
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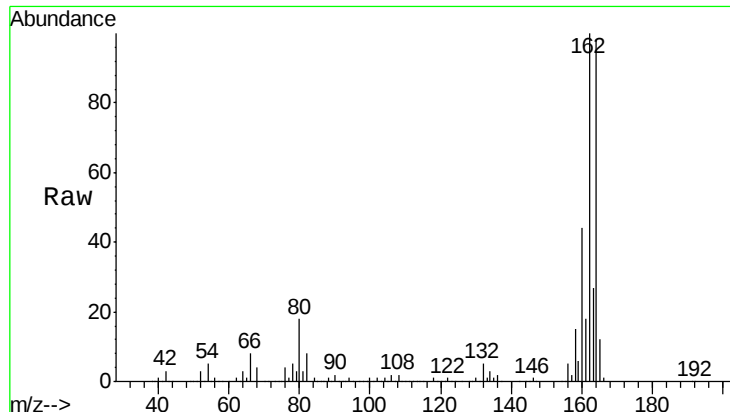
Tgt Ion:172 Resp: 1987483
 Ion Ratio Lower Upper
 172 100
 171 37.2 30.8 46.2
 170 25.6 21.2 31.8



#50
 2,6-Dinitrotoluene
 Concen: 7.33 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

Tgt Ion:165 Resp: 60191
 Ion Ratio Lower Upper
 165 100
 63 1.5 55.5 83.3#
 89 1.6 55.0 82.6#

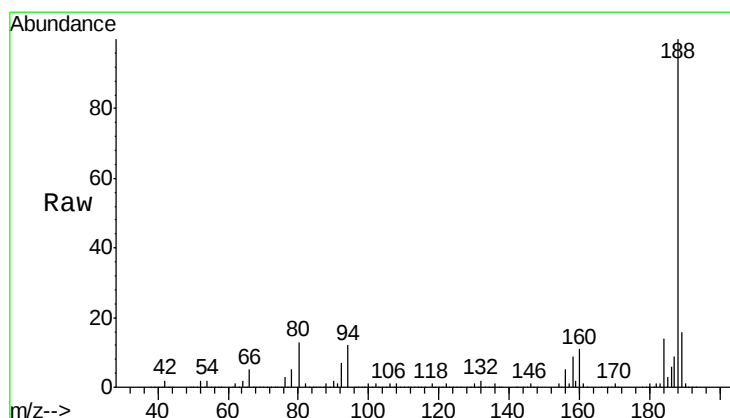
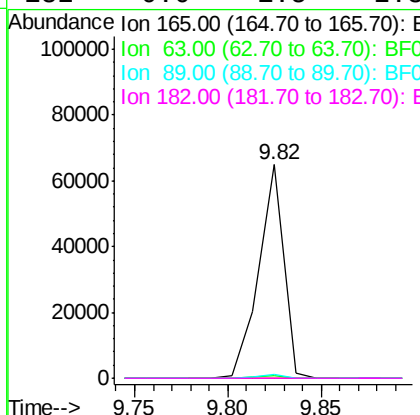
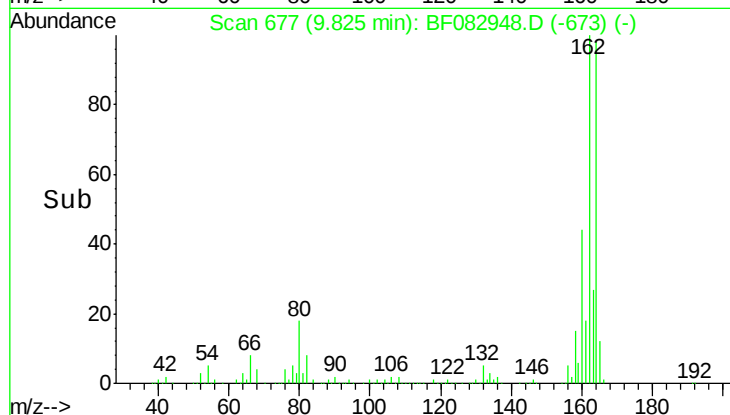




#56
 2,4-Dinitrotoluene
 Concen: 5.40 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.25 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

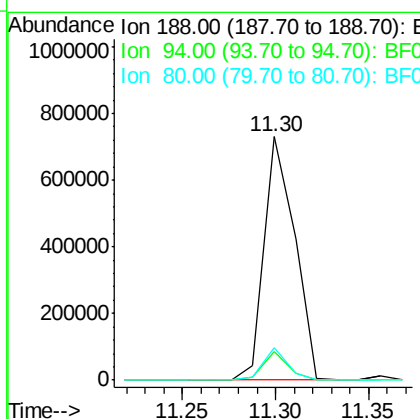
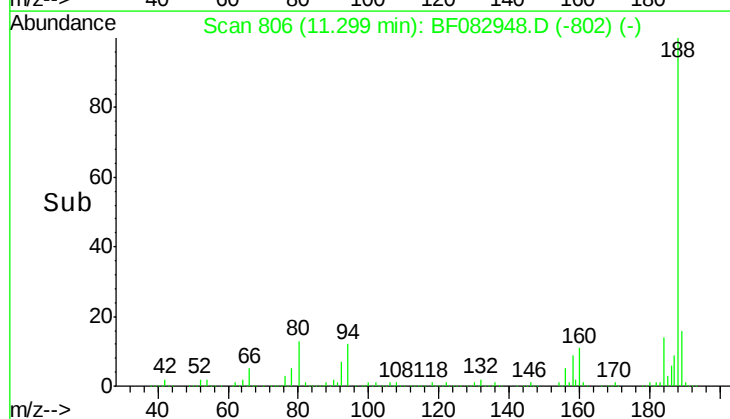
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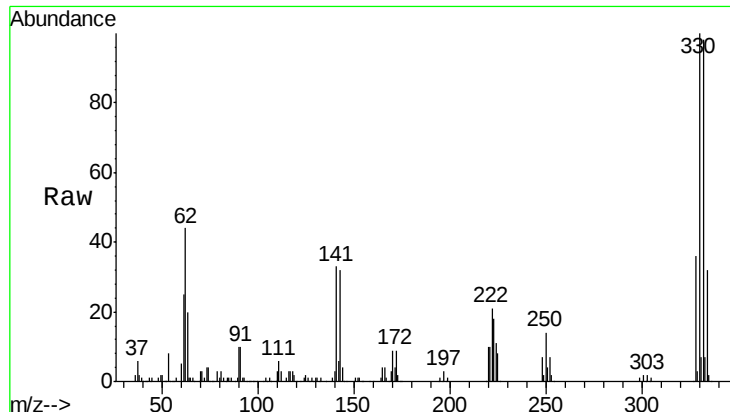
Tgt Ion:	165	Resp:	60180
Ion Ratio	Lower	Upper	
165	100		
63	1.5	43.4	65.0#
89	1.6	70.6	106.0#
182	0.0	1.5	2.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

Tgt Ion:	188	Resp:	826583
Ion Ratio	Lower	Upper	
188	100		
94	11.7	6.1	9.1#
80	13.3	7.0	10.6#

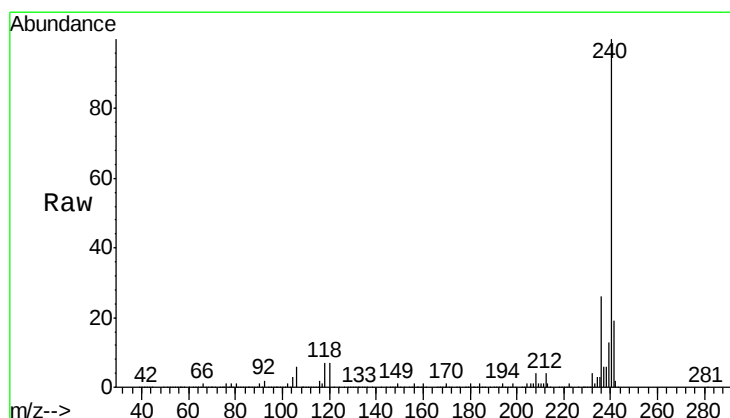
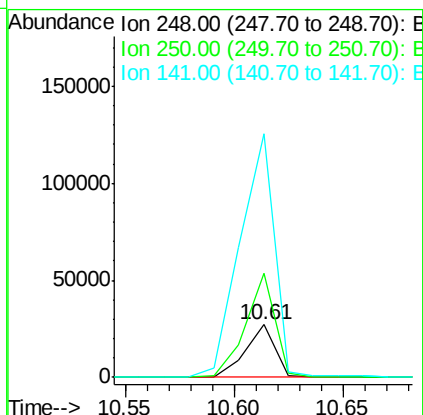
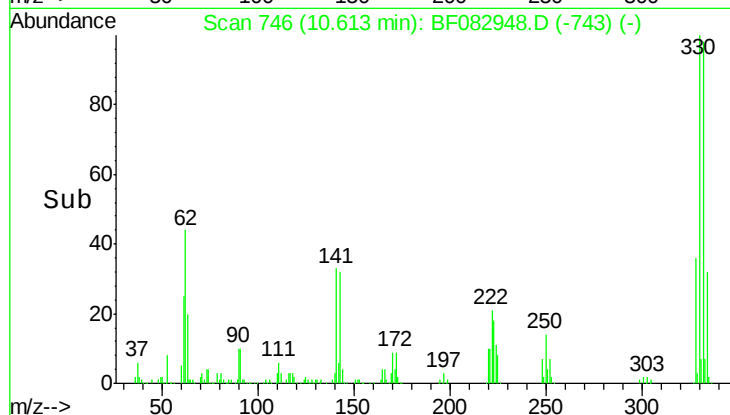




#66
 4-Bromophenyl-phenylether
 Concen: 2.54 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.31 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

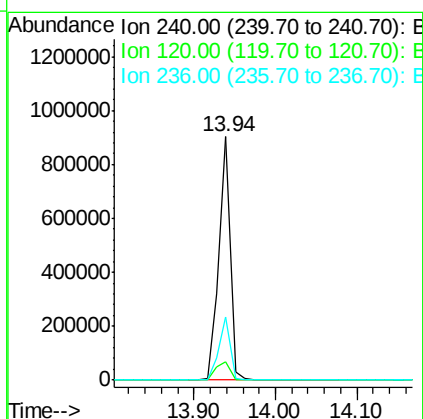
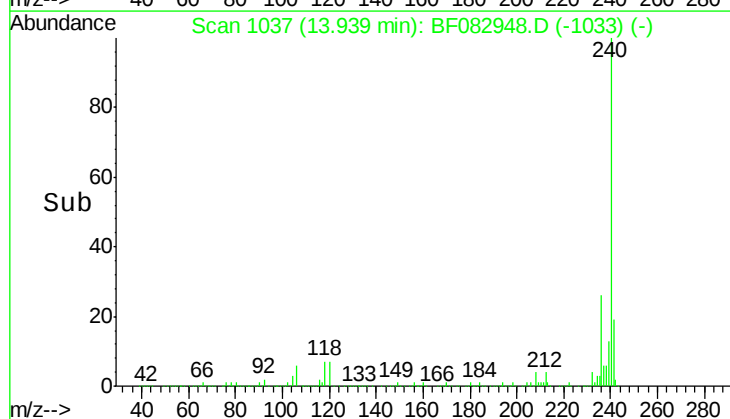
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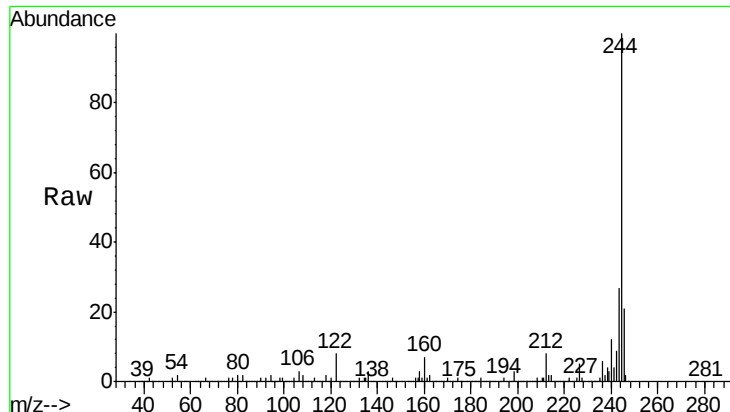
Tgt Ion:248 Resp: 25269
 Ion Ratio Lower Upper
 248 100
 250 197.4 79.4 119.2#
 141 462.8 36.3 54.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

Tgt Ion:240 Resp: 872118
 Ion Ratio Lower Upper
 240 100
 120 7.3 10.9 16.3#
 236 26.2 21.6 32.4

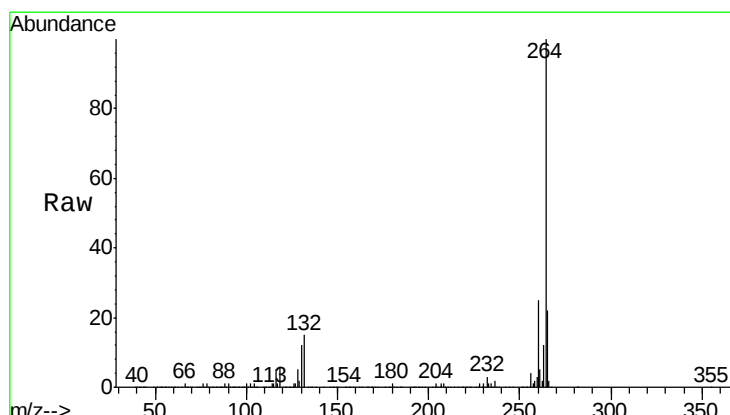
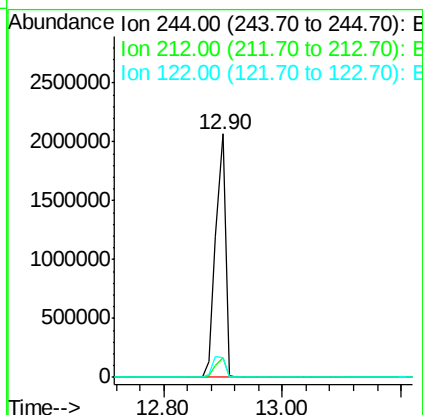
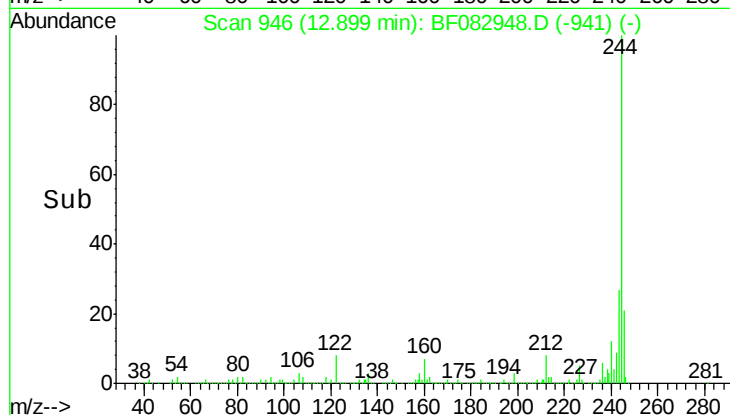




#78
 Terphenyl-d14
 Concen: 64.06 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.07 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-D-S

Tgt Ion:244 Resp: 2355557
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.6 11.4
 122 8.3 11.3 16.9#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.35 min Scan# 1160
 Delta R.T. -0.11 min
 Lab File: BF082948.D
 Acq: 16 Nov 2015 19:59

Tgt Ion:264 Resp: 692811
 Ion Ratio Lower Upper
 264 100
 260 24.6 19.8 29.6
 265 21.8 17.4 26.0

