

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
 Data File : BF082951.D
 Acq On : 16 Nov 2015 21:26
 Operator : UM/IZ
 Sample : G4435-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EFF-151111-D8

Quant Time: Nov 17 00:11:15 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

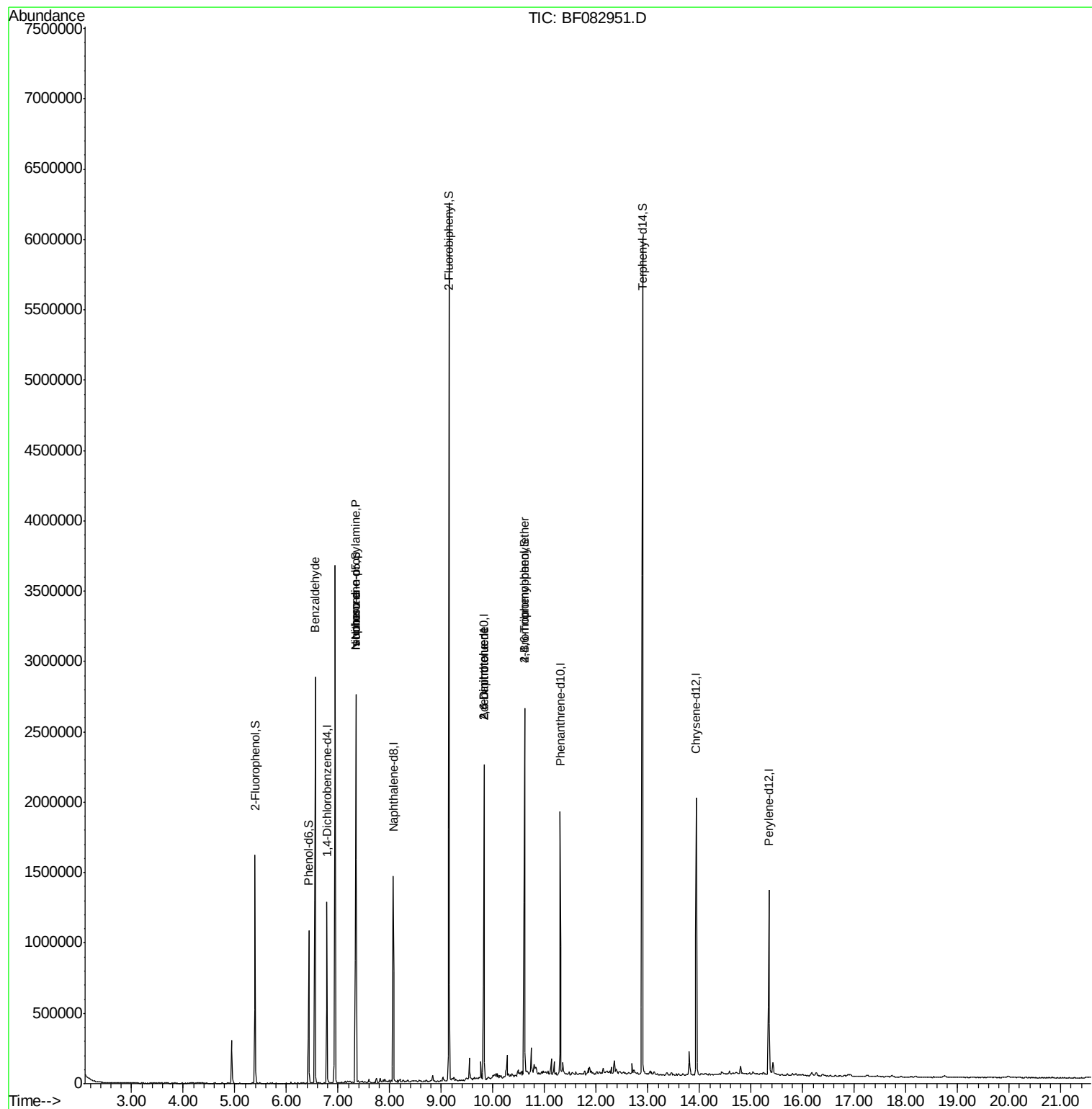
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	209920	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	775730	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	443296	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	794494	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	774799	20.00	ng	-0.08
86) Perylene-d12	15.35	264	587030	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	430396	31.90	ng	-0.06
7) Phenol-d6	6.43	99	364109	20.30	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1276575	71.61	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	311697	61.32	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1924028	62.21	ng	-0.07
78) Terphenyl-d14	12.90	244	2221797	68.01	ng	-0.07
Target Compounds						Qvalue
9) Benzaldehyde	6.56	77	21387	2.16	ng	93
19) n-Nitroso-di-n-propylamine	7.34	70	169259	12.84	ng	# 71
25) Isophorone	7.34	82	1269740	38.49	ng	# 70
50) 2,6-Dinitrotoluene	9.82	165	59571	7.69	ng	# 18
56) 2,4-Dinitrotoluene	9.82	165	59575	5.67	ng	# 16
66) 4-Bromophenyl-phenylether	10.61	248	23555	2.46	ng	# 1

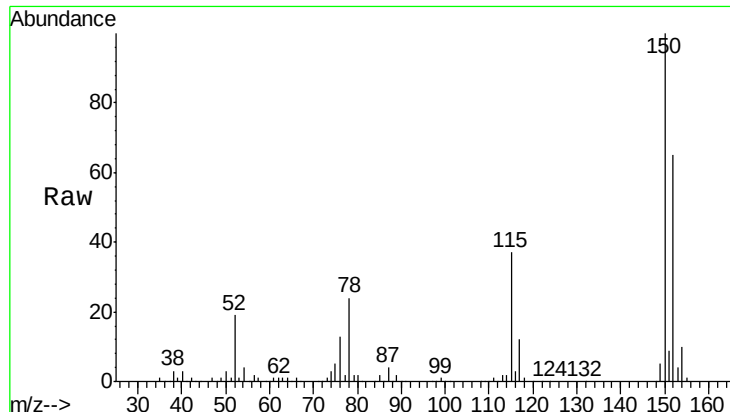
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF082951.D

Acq: 16 Nov 2015 21:26

Instrument :

BNA_F

ClientSampleId :

EFF-151111-D8

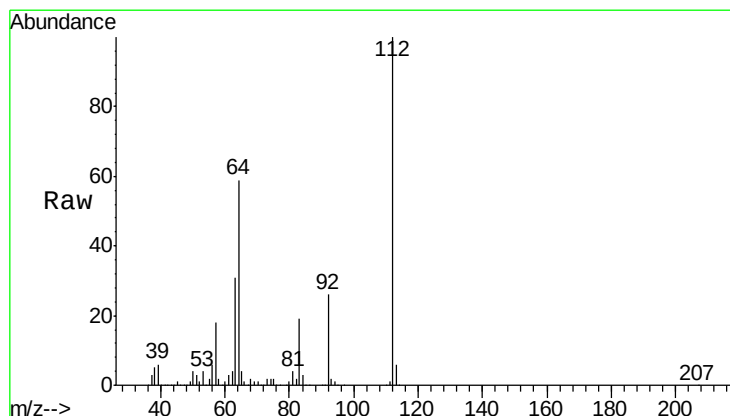
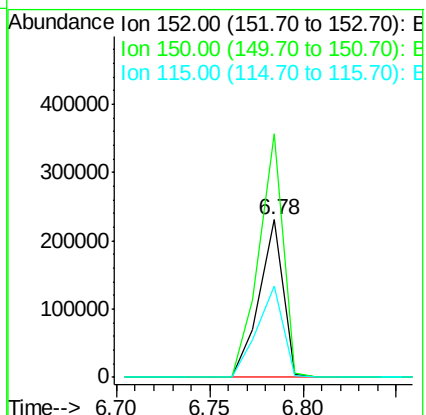
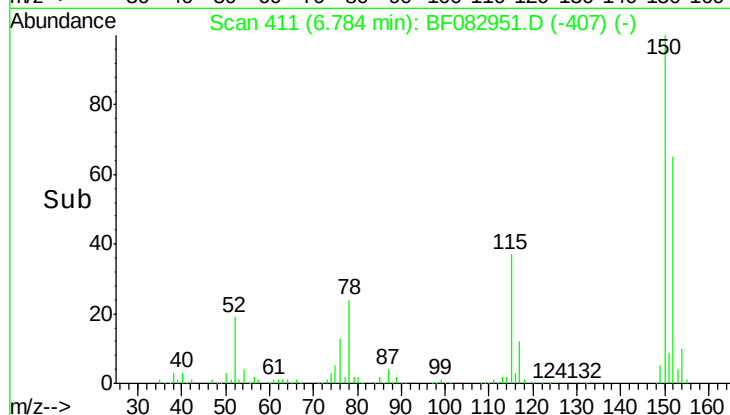
Tgt Ion:152 Resp: 209920

Ion Ratio Lower Upper

152 100

150 154.7 127.0 190.4

115 57.9 47.0 70.6



#5

2-Fluorophenol

Concen: 31.90 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF082951.D

Acq: 16 Nov 2015 21:26

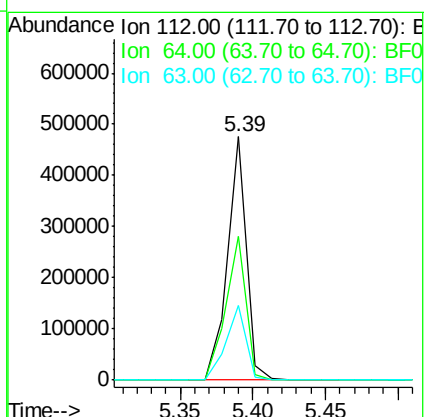
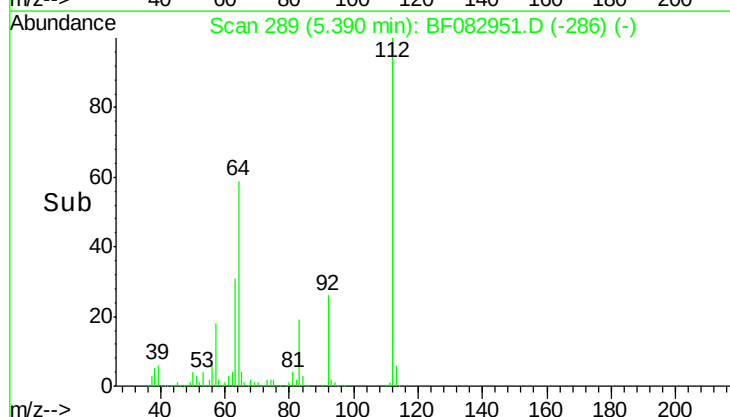
Tgt Ion:112 Resp: 430396

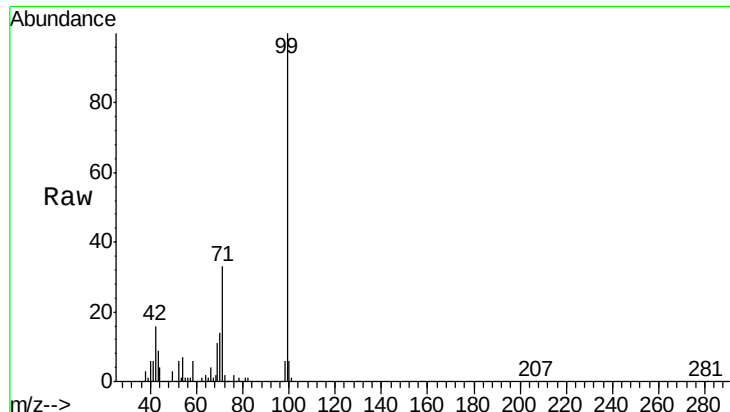
Ion Ratio Lower Upper

112 100

64 59.3 48.9 73.3

63 30.6 28.1 42.1





#7

Phenol-d6

Concen: 20.30 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082951.D

Acq: 16 Nov 2015 21:26

Instrument :

BNA_F

ClientSampleId :

EFF-151111-D8

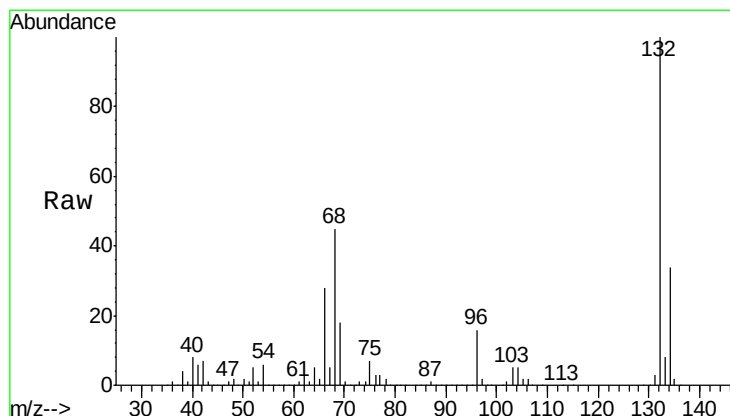
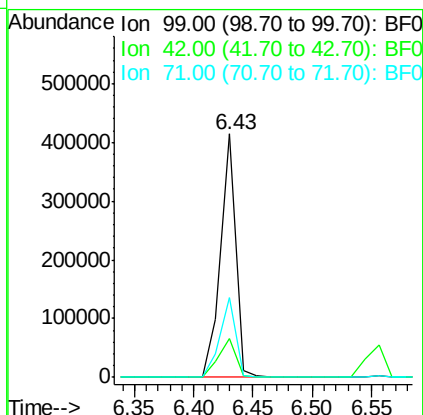
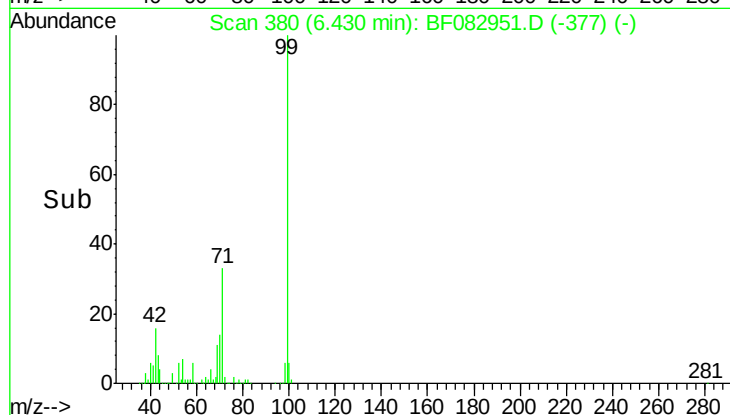
Tgt Ion: 99 Resp: 364109

Ion Ratio Lower Upper

99 100

42 16.1 19.2 28.8#

71 32.8 35.0 52.4#



#9

Benzaldehyde

Concen: 2.16 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082951.D

Acq: 16 Nov 2015 21:26

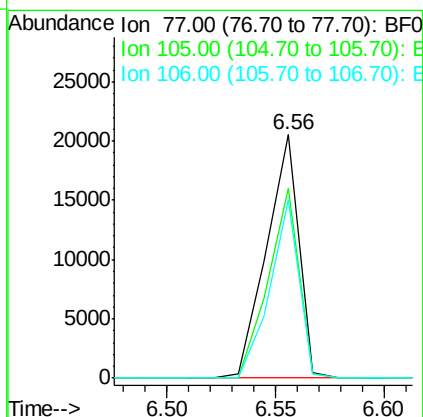
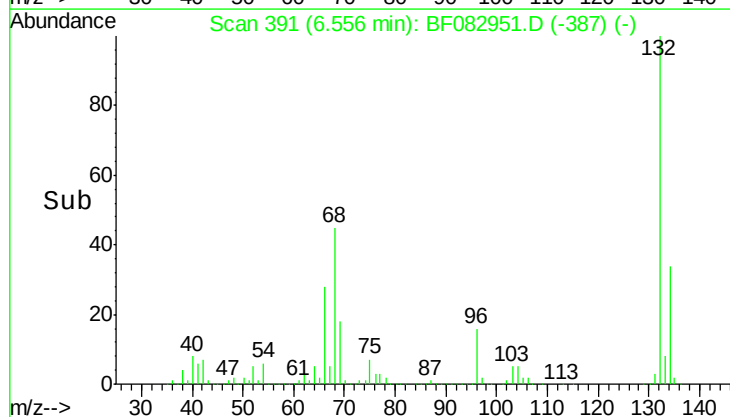
Tgt Ion: 77 Resp: 21387

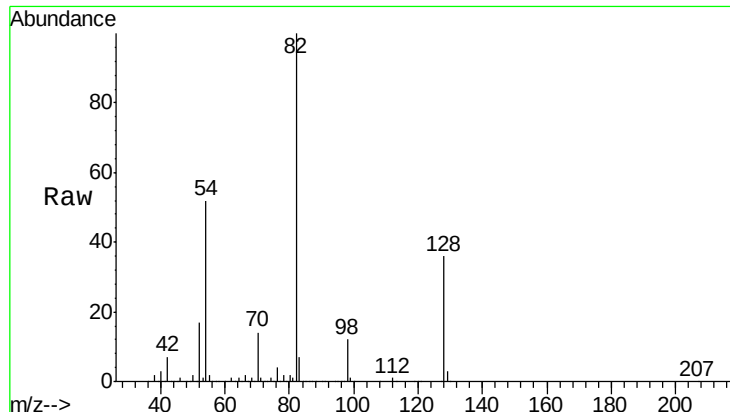
Ion Ratio Lower Upper

77 100

105 77.8 63.5 103.5

106 73.4 59.3 99.3

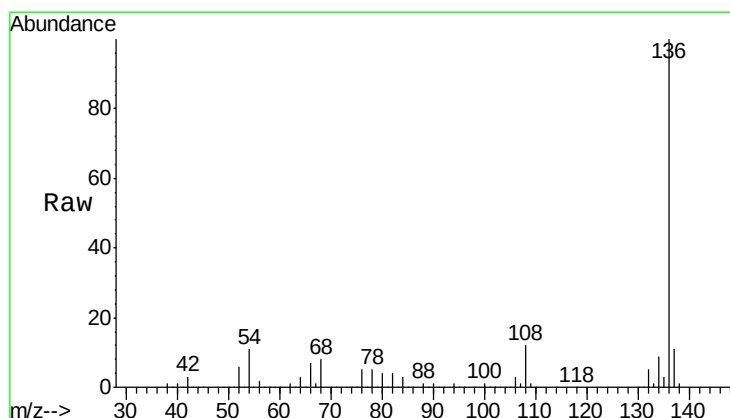
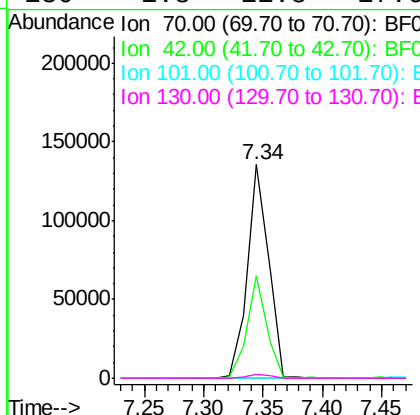
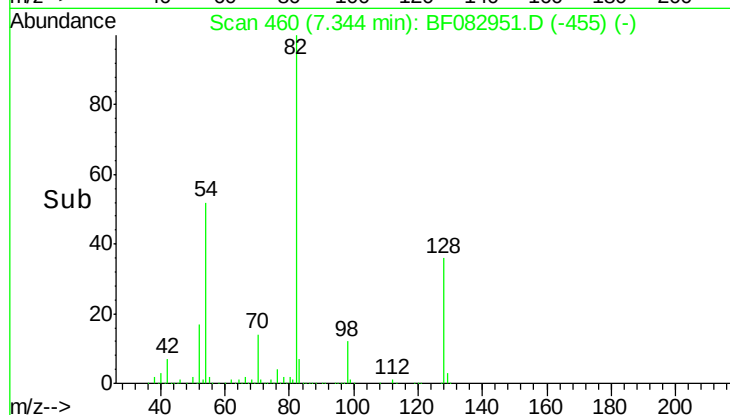




#19
 n-Nitroso-di-n-propylamine
 Concen: 12.84 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.08 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

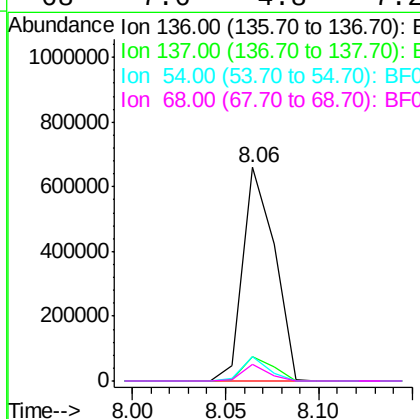
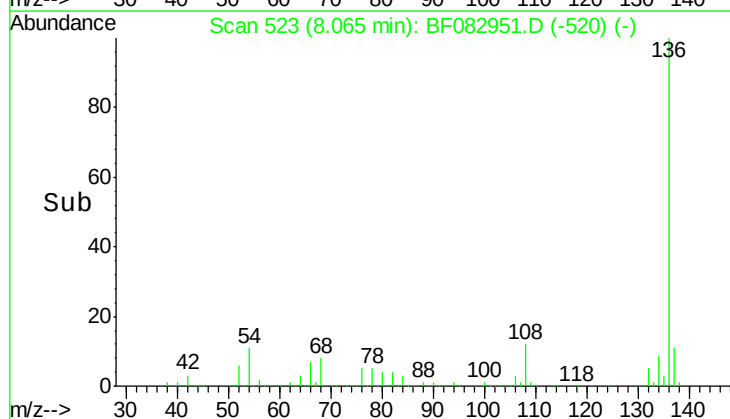
Instrument :
 BNA_F
 ClientSampleId :
 EFF-151111-D8

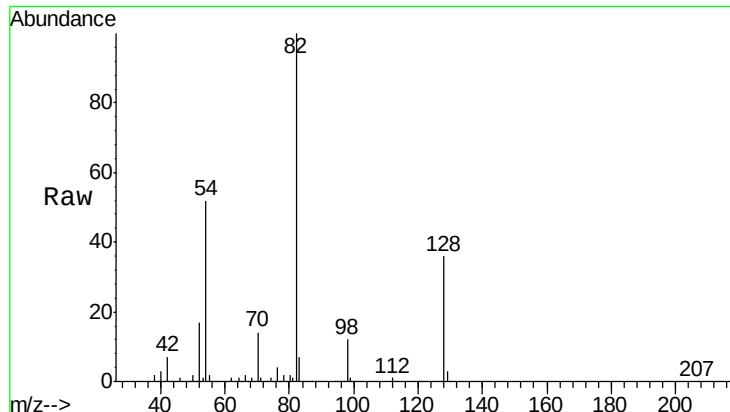
Tgt Ion:	70	Resp:	169259
Ion	Ratio	Lower	Upper
70	100		
42	47.8	57.7	86.5#
101	0.0	7.0	10.6#
130	1.8	11.8	17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.08 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

Tgt Ion:	136	Resp:	775730
Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	11.3	9.1	13.7
68	7.6	4.8	7.2#

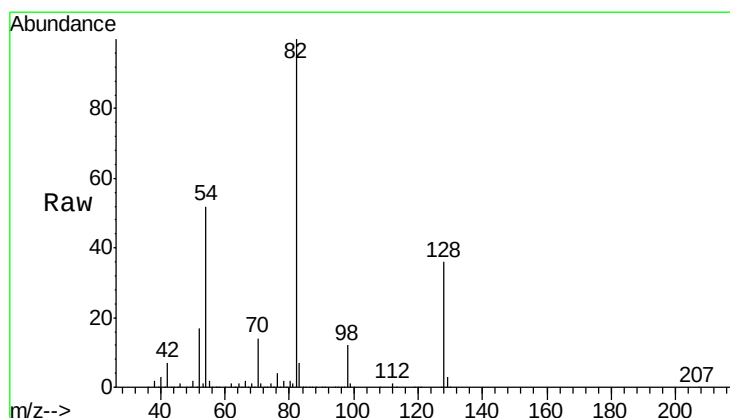
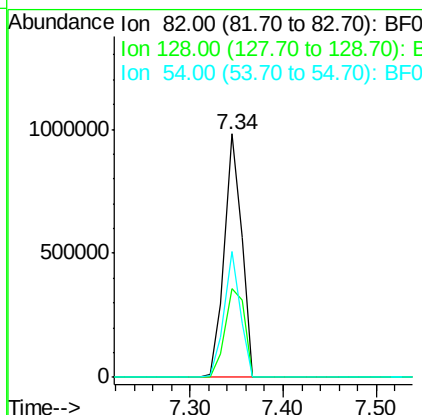
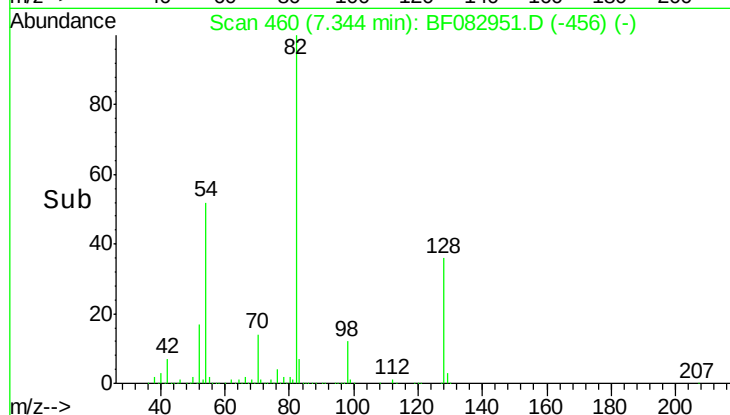




#23
 Nitrobenzene-d5
 Concen: 71.61 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

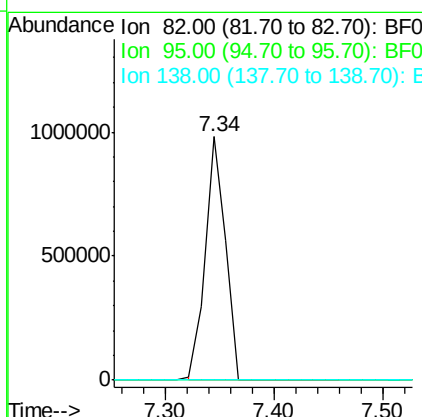
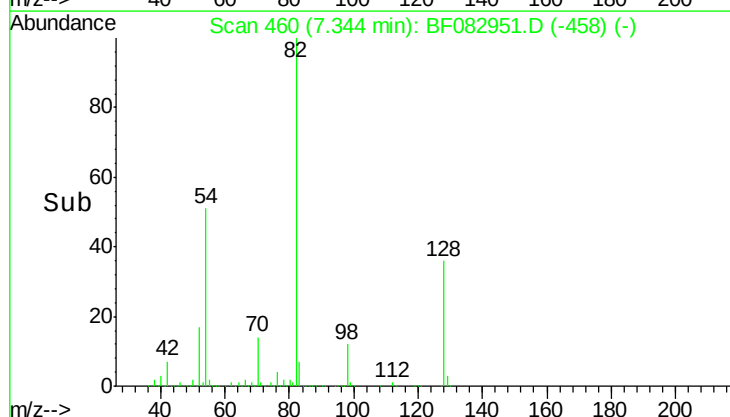
Instrument :
 BNA_F
 ClientSampleId :
 EFF-151111-D8

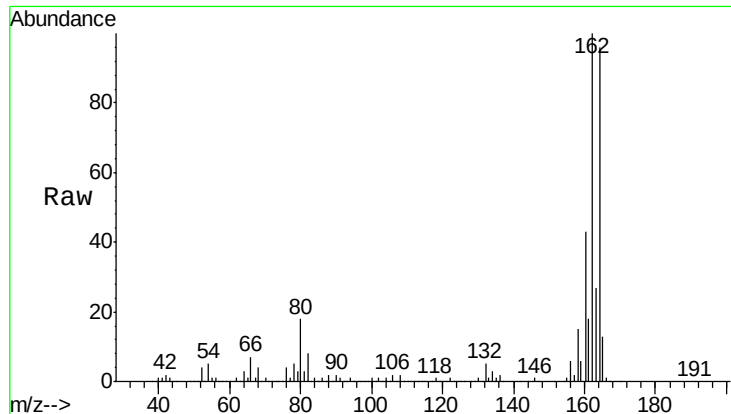
Tgt Ion: 82 Resp: 1276575
 Ion Ratio Lower Upper
 82 100
 128 36.3 26.8 40.2
 54 51.7 45.7 68.5



#25
 Isophorone
 Concen: 38.49 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

Tgt Ion: 82 Resp: 1269740
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.6 9.8#
 138 0.0 11.4 17.0#

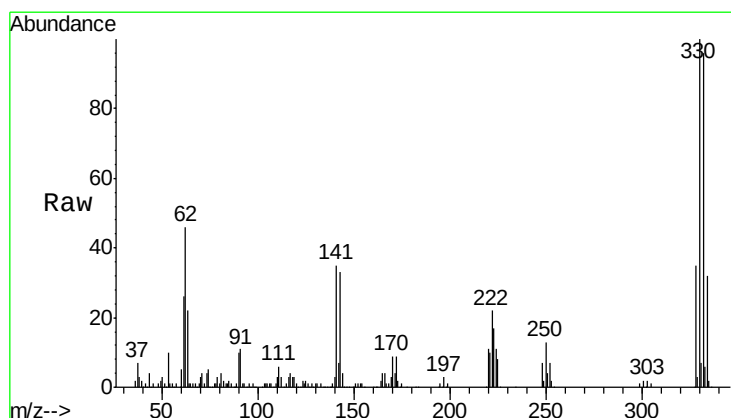
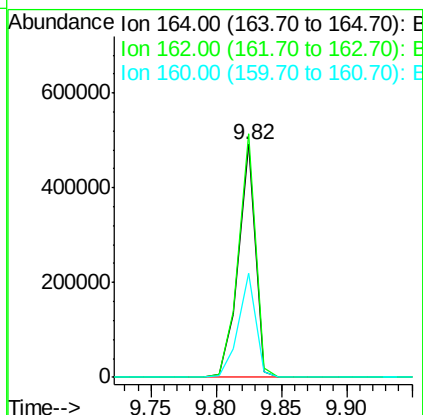
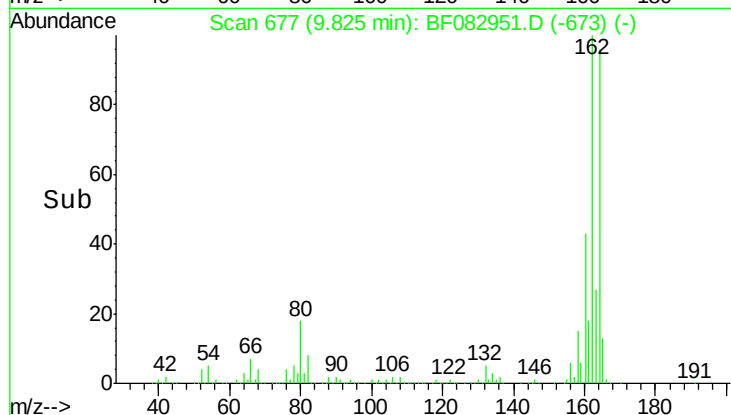




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

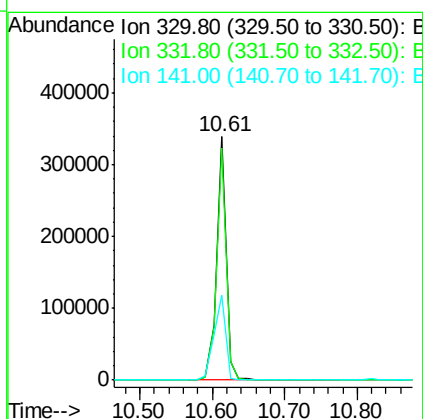
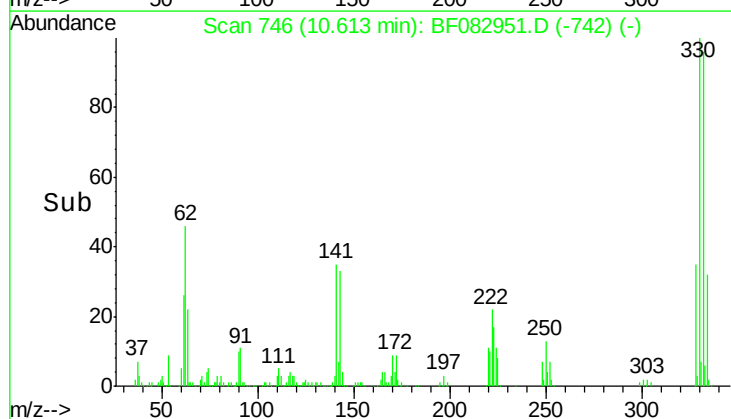
Instrument :
 BNA_F
 ClientSampleId :
 EFF-151111-D8

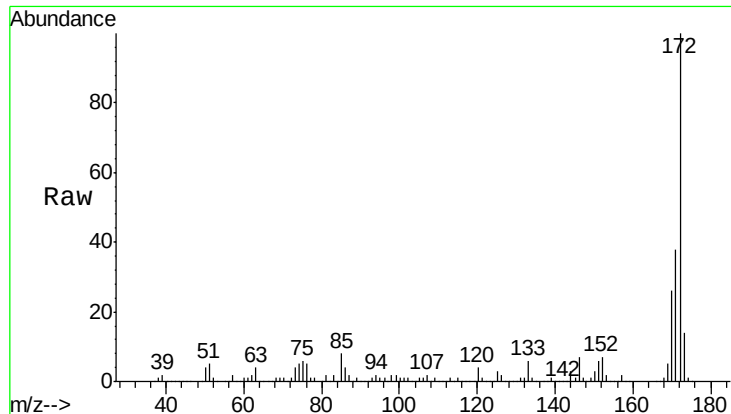
Tgt Ion:164 Resp: 443296
 Ion Ratio Lower Upper
 164 100
 162 104.5 84.9 127.3
 160 44.9 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 61.32 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

Tgt Ion:330 Resp: 311697
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 114.8
 141 42.5 41.2 61.8

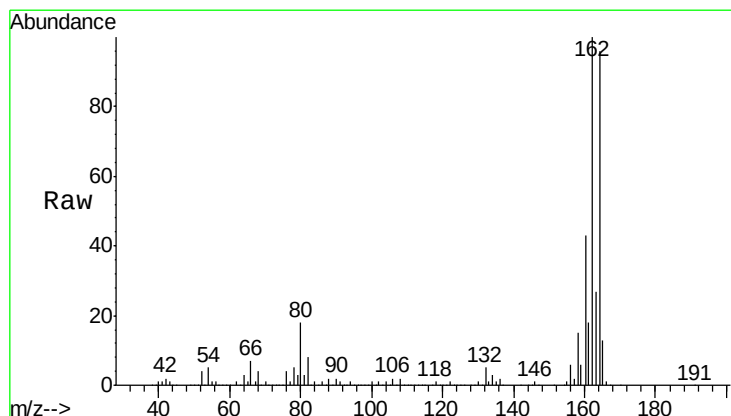
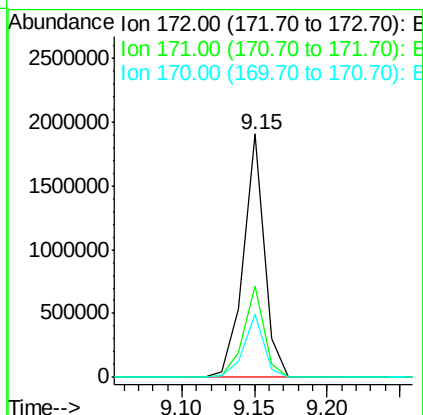
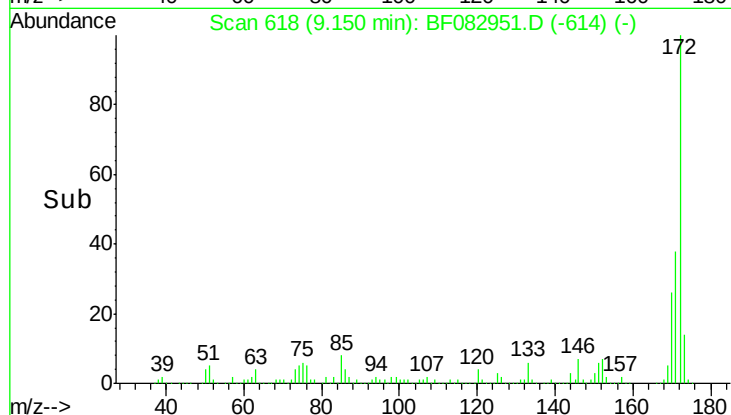




#44
 2-Fluorobiphenyl
 Concen: 62.21 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

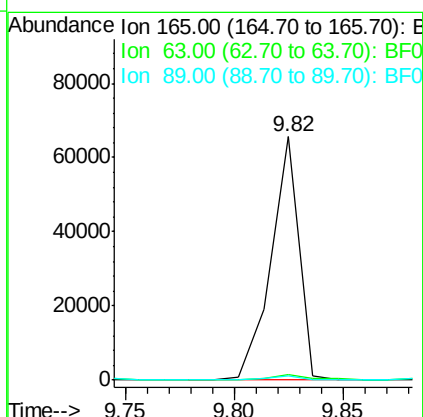
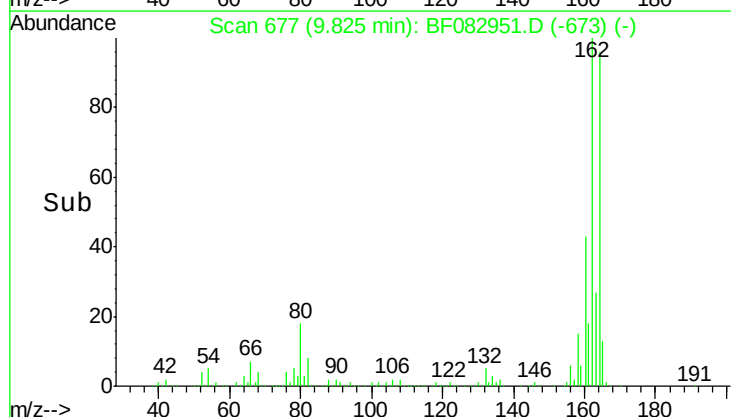
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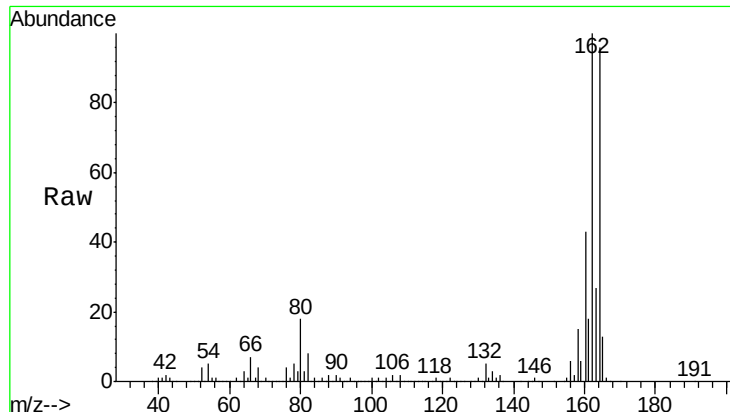
Tgt Ion:172 Resp: 1924028
 Ion Ratio Lower Upper
 172 100
 171 37.6 30.8 46.2
 170 25.9 21.2 31.8



#50
 2,6-Dinitrotoluene
 Concen: 7.69 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

Tgt Ion:165 Resp: 59571
 Ion Ratio Lower Upper
 165 100
 63 2.1 55.5 83.3#
 89 1.9 55.0 82.6#

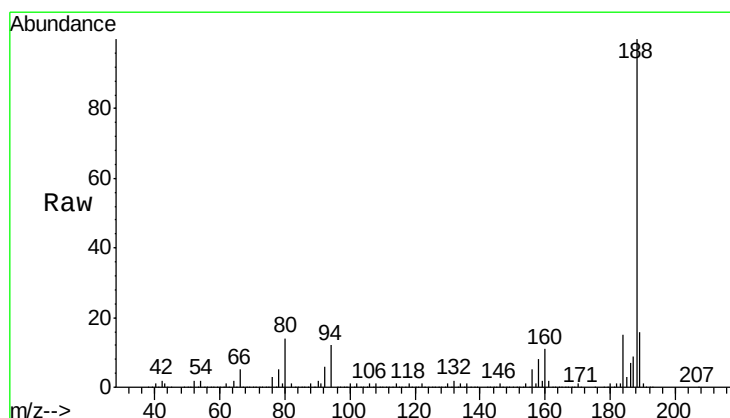
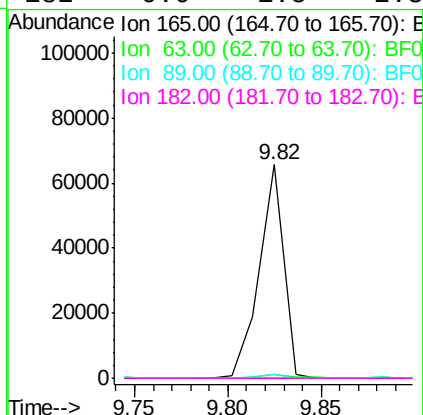
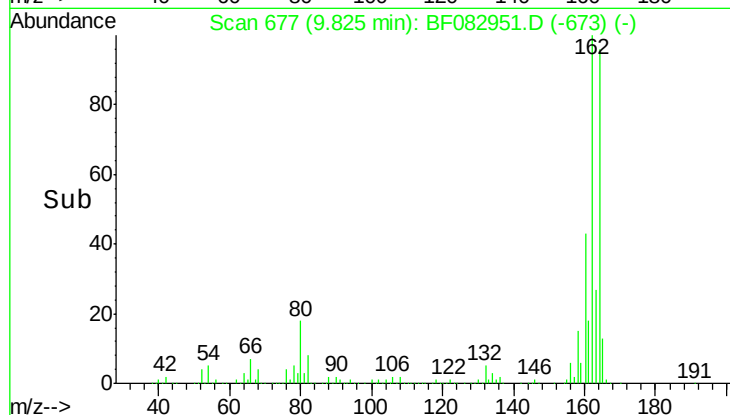




#56
 2,4-Dinitrotoluene
 Concen: 5.67 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.25 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

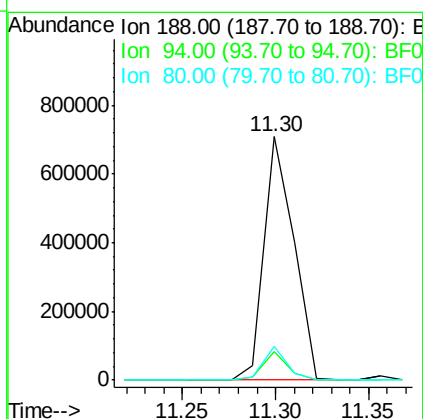
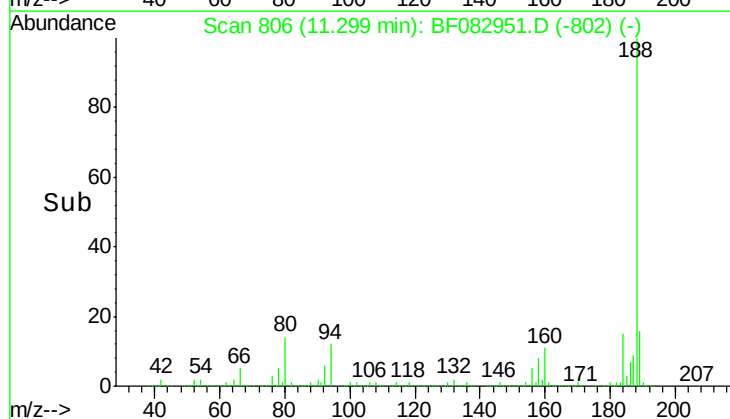
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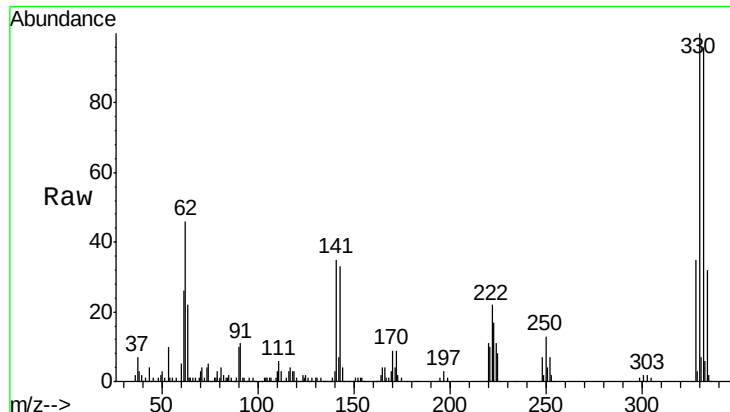
Tgt Ion:165 Resp: 59575
 Ion Ratio Lower Upper
 165 100
 63 2.1 43.4 65.0#
 89 1.9 70.6 106.0#
 182 0.0 1.5 2.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

Tgt Ion:188 Resp: 794494
 Ion Ratio Lower Upper
 188 100
 94 11.6 6.1 9.1#
 80 13.8 7.0 10.6#

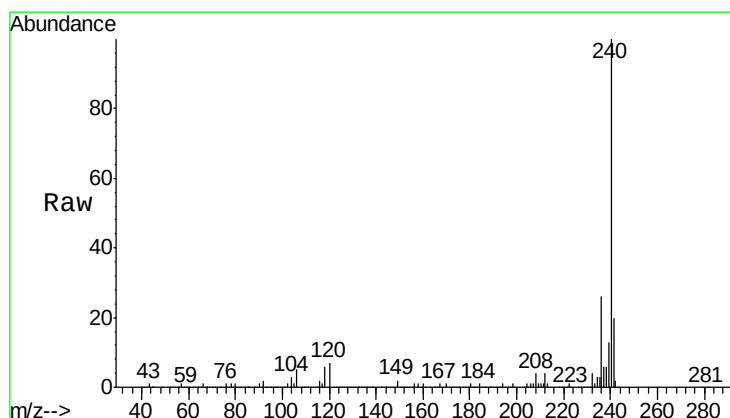
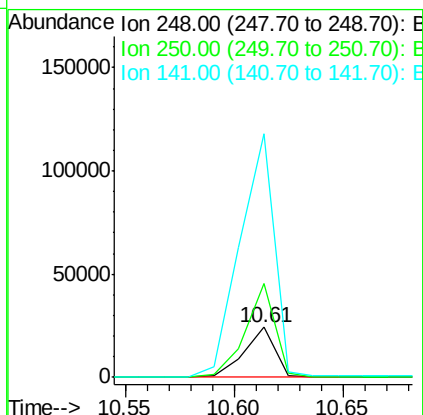
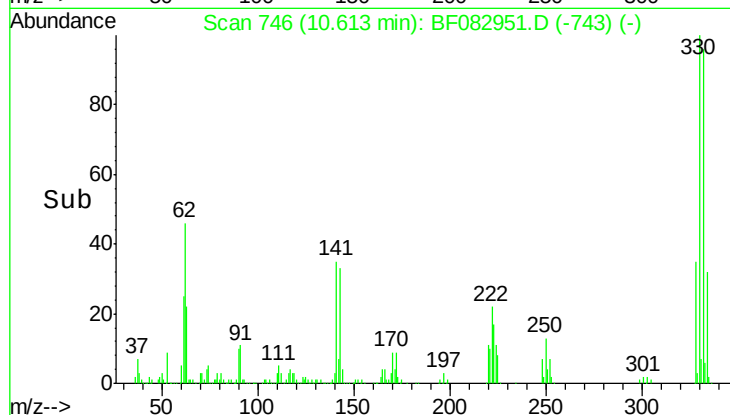




#66
 4-Bromophenyl-phenylether
 Concen: 2.46 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.31 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

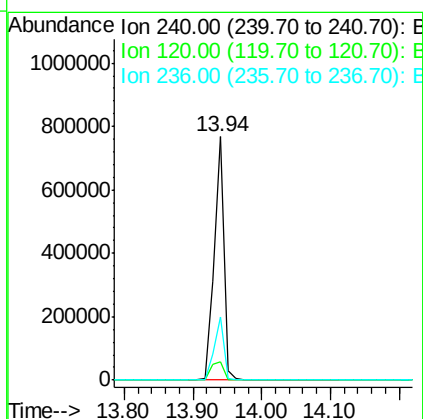
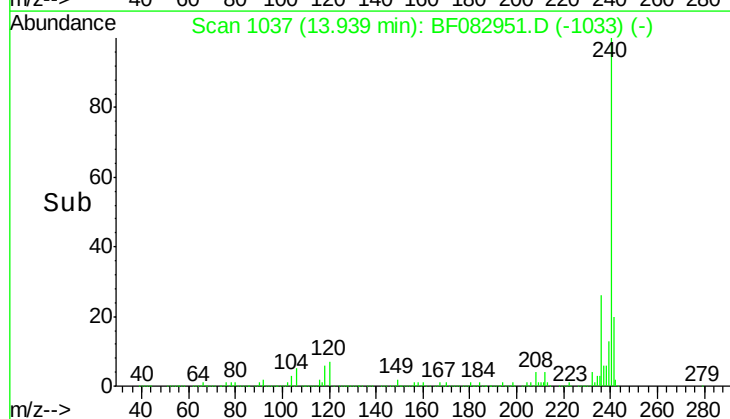
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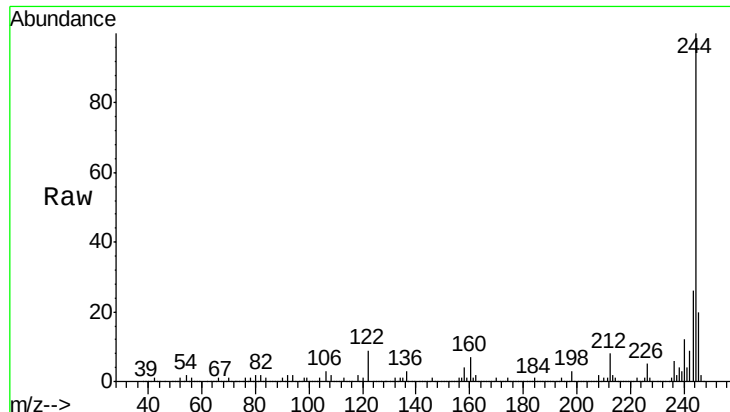
Tgt Ion:248 Resp: 23555
 Ion Ratio Lower Upper
 248 100
 250 187.5 79.4 119.2#
 141 488.2 36.3 54.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

Tgt Ion:240 Resp: 774799
 Ion Ratio Lower Upper
 240 100
 120 7.5 10.9 16.3#
 236 26.0 21.6 32.4

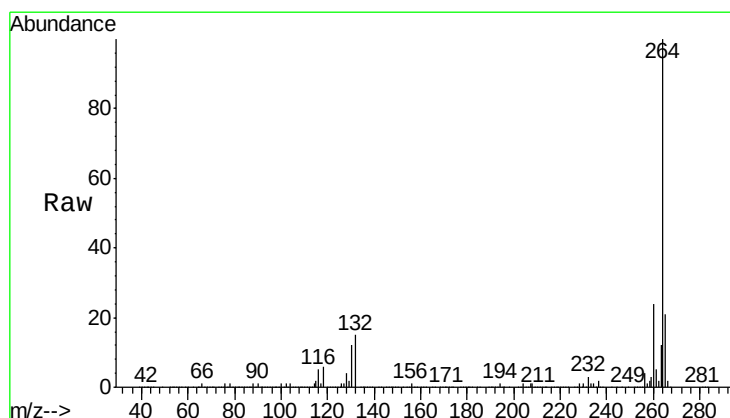
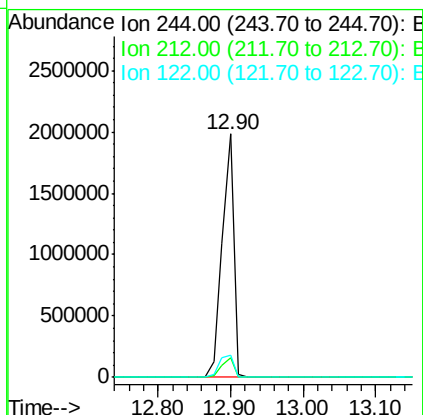
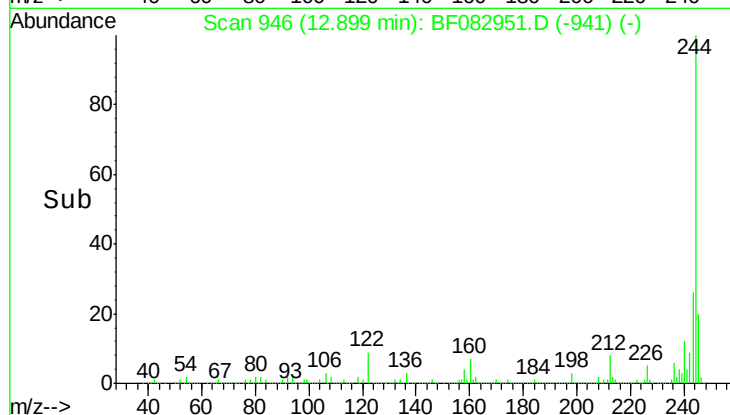




#78
 Terphenyl-d14
 Concen: 68.01 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.07 min
 Lab File: BF082951.D
 Acq: 16 Nov 2015 21:26

Instrument :
 BNA_F
 ClientSampleId :
 EFF-151111-D8

Tgt Ion:244 Resp: 2221797
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.6 11.4
 122 9.0 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: BF082951.D
 Acq: 16 Nov 2015 21:26

Tgt Ion:264 Resp: 587030
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 20.9 17.4 26.0

