

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
 Data File : BF082949.D
 Acq On : 16 Nov 2015 20:28
 Operator : UM/IZ
 Sample : G4429-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-D-M

Quant Time: Nov 17 00:10:27 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

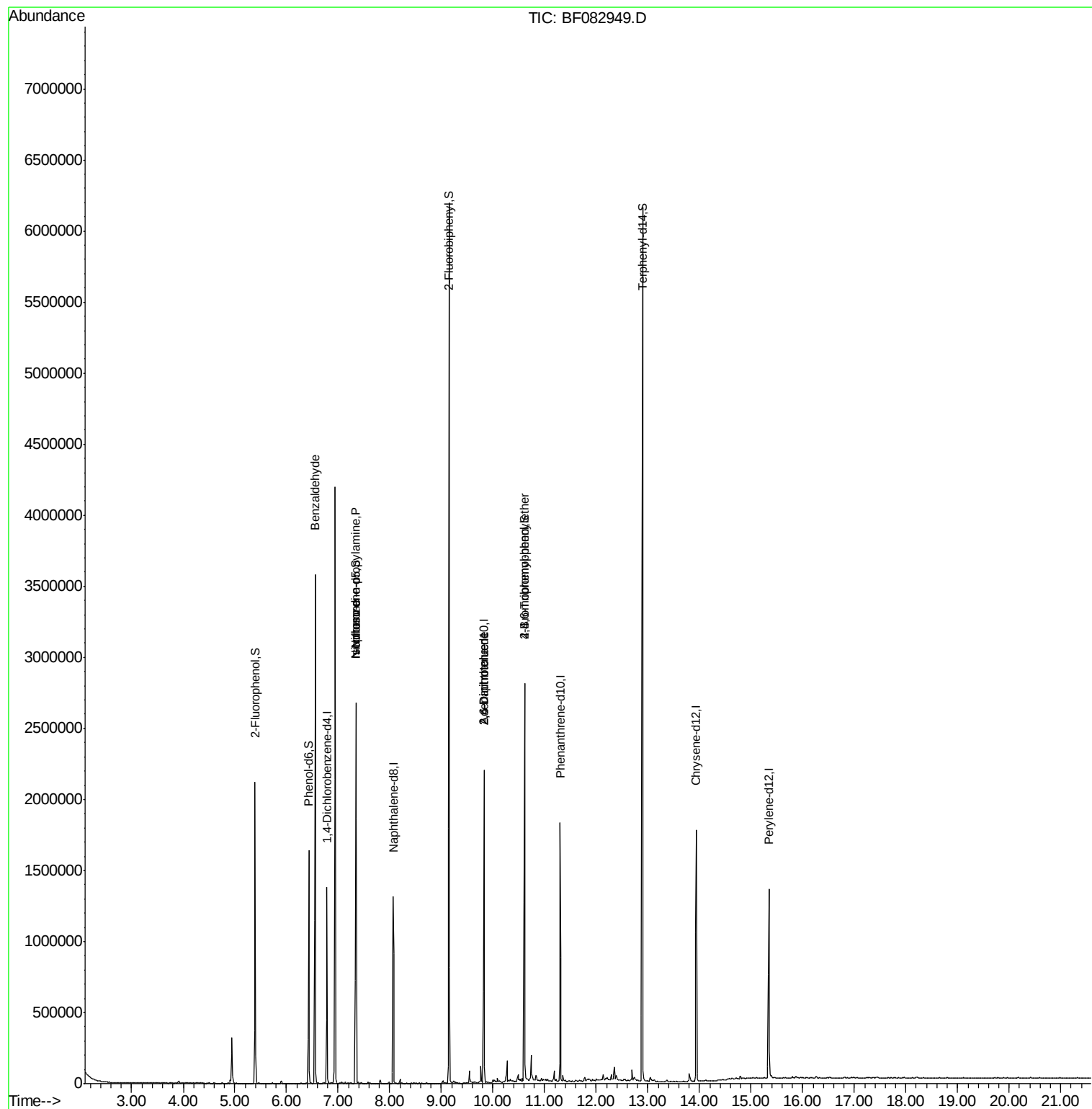
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	206716	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	760539	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	442147	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	776275	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	758123	20.00	ng	-0.08
86) Perylene-d12	15.35	264	626314	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	512295	38.56	ng	-0.06
7) Phenol-d6	6.43	99	497945	28.19	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1294779	74.08	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	330778	65.25	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1979322	64.16	ng	-0.07
78) Terphenyl-d14	12.90	244	2266812	70.92	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.56	77	24228	2.48	ng	Qvalue 88
19) n-Nitroso-di-n-propylamine	7.34	70	169664	13.07	ng	# 72
25) Isophorone	7.34	82	1291574	39.94	ng	# 69
50) 2,6-Dinitrotoluene	9.82	165	56308	7.28	ng	# 17
56) 2,4-Dinitrotoluene	9.82	165	56310	5.37	ng	# 16
66) 4-Bromophenyl-phenylether	10.61	248	24404	2.61	ng	# 1

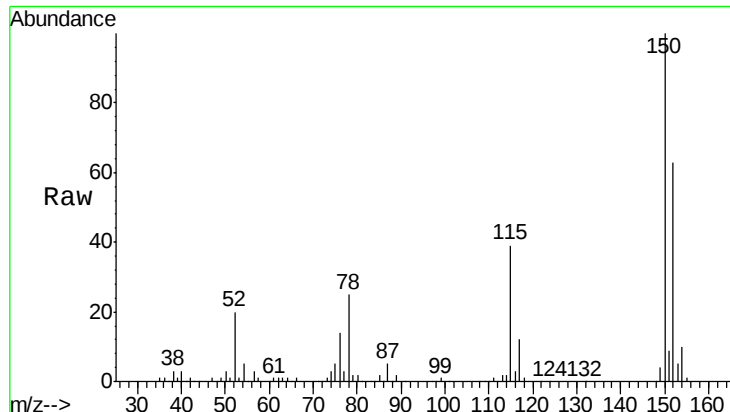
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
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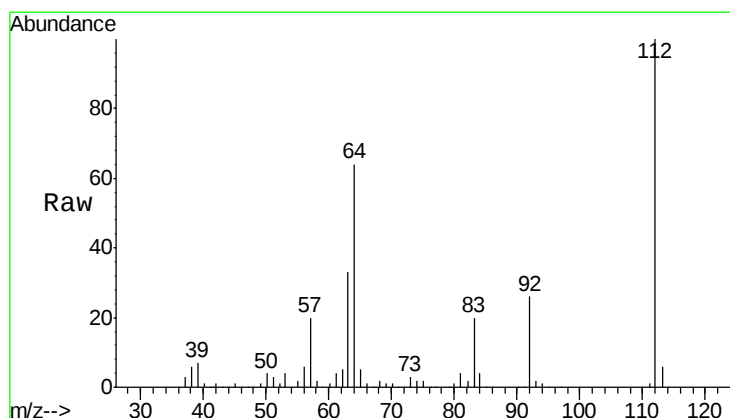
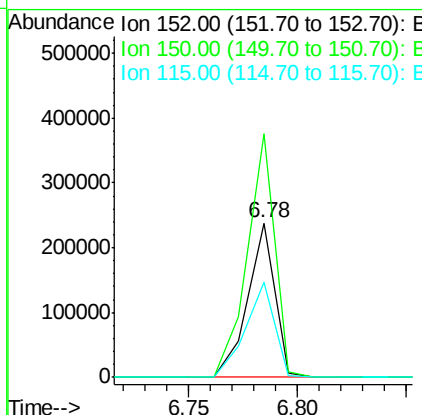
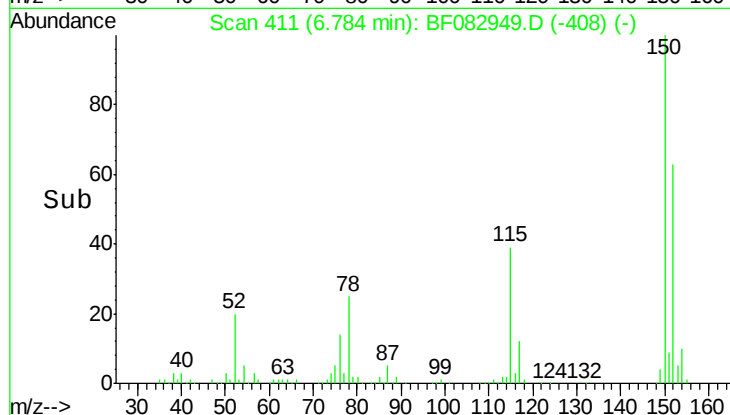




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

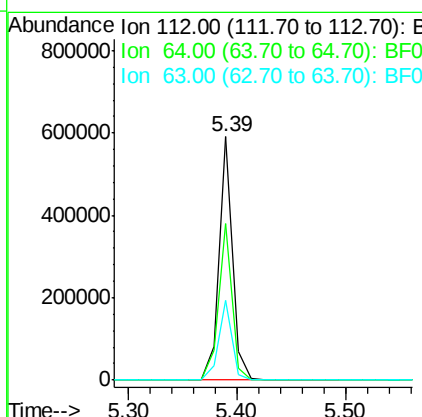
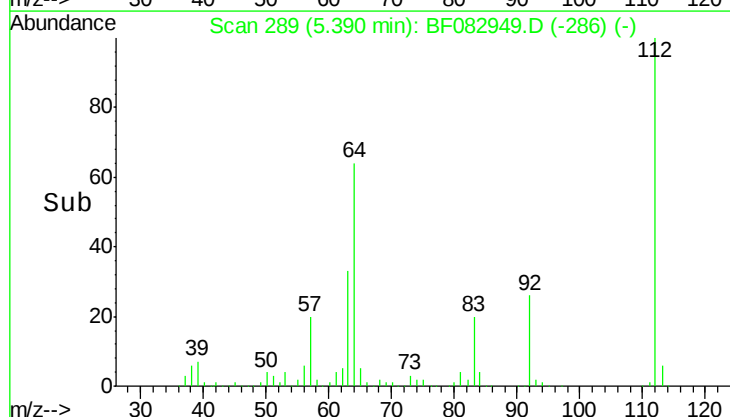
Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-D-M

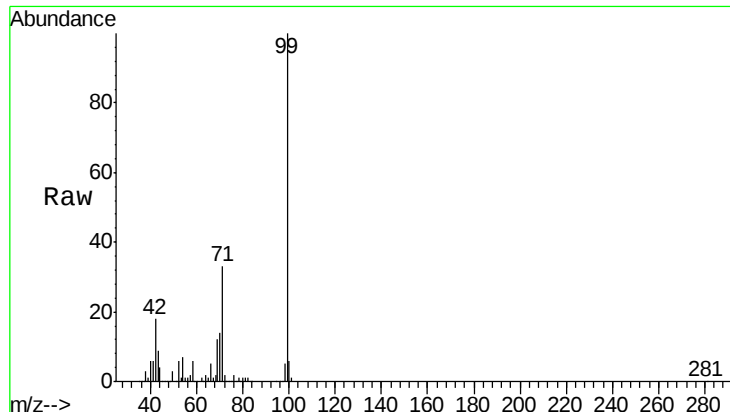
Tgt Ion:152 Resp: 206716
 Ion Ratio Lower Upper
 152 100
 150 157.8 127.0 190.4
 115 61.3 47.0 70.6



#5
 2-Fluorophenol
 Concen: 38.56 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Tgt Ion:112 Resp: 512295
 Ion Ratio Lower Upper
 112 100
 64 64.2 48.9 73.3
 63 32.5 28.1 42.1





#7

Phenol-d6

Concen: 28.19 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082949.D

Acq: 16 Nov 2015 20:28

Instrument :

BNA_F

ClientSampleId :

111215-A263-E-D-M

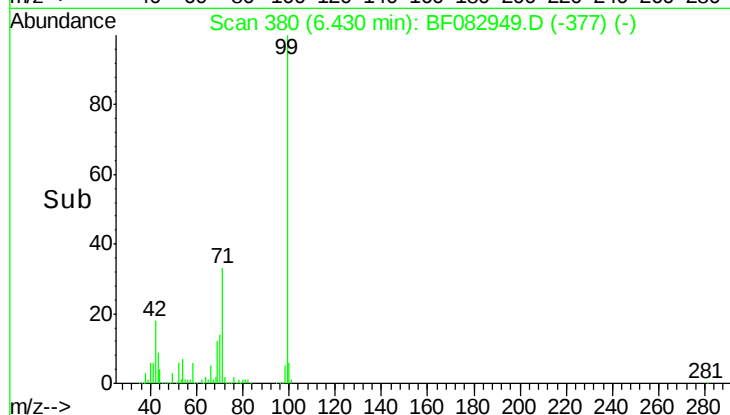
Tgt Ion: 99 Resp: 497945

Ion Ratio Lower Upper

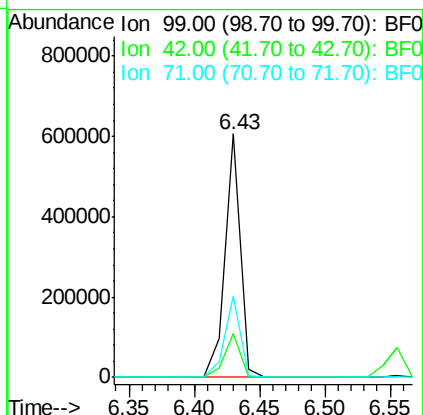
99 100

42 17.9 19.2 28.8#

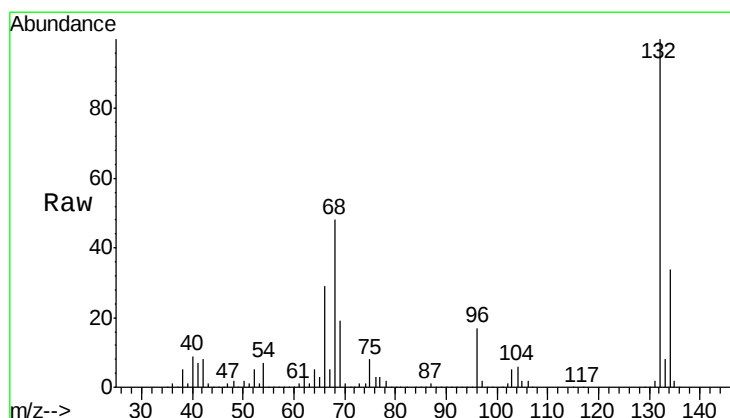
71 33.5 35.0 52.4#



Scan 380 (6.430 min): BF082949.D (-377) (-)



6.43



#9

Benzaldehyde

Concen: 2.48 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082949.D

Acq: 16 Nov 2015 20:28

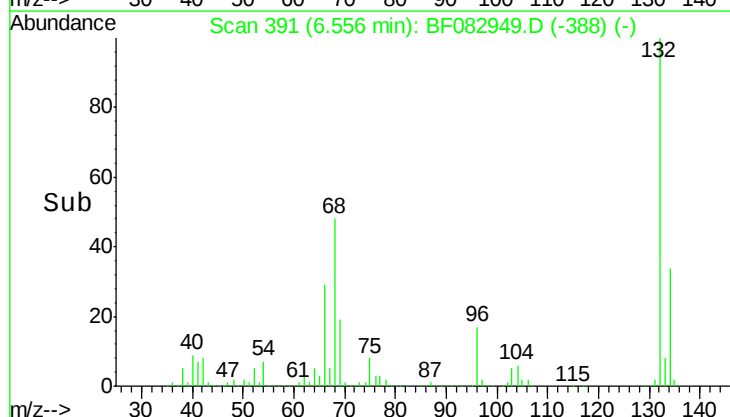
Tgt Ion: 77 Resp: 24228

Ion Ratio Lower Upper

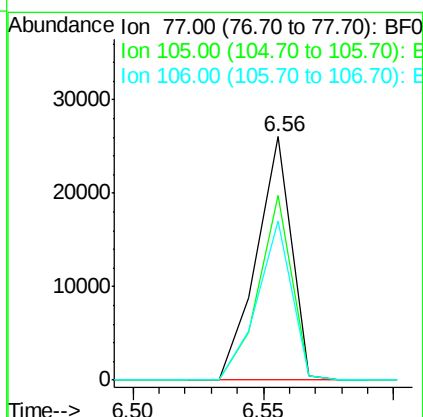
77 100

105 76.1 63.5 103.5

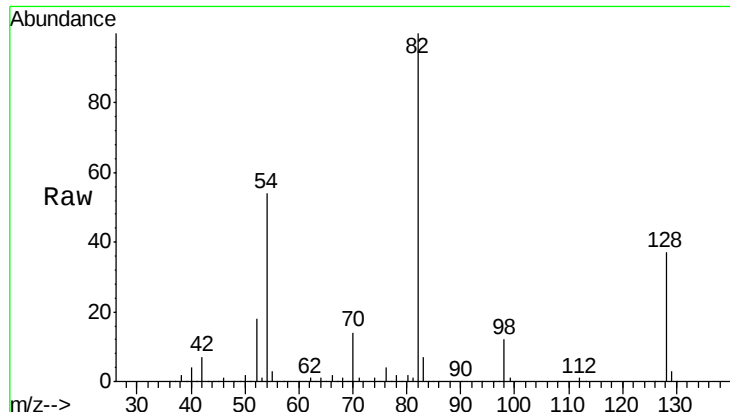
106 65.6 59.3 99.3



Scan 391 (6.556 min): BF082949.D (-388) (-)



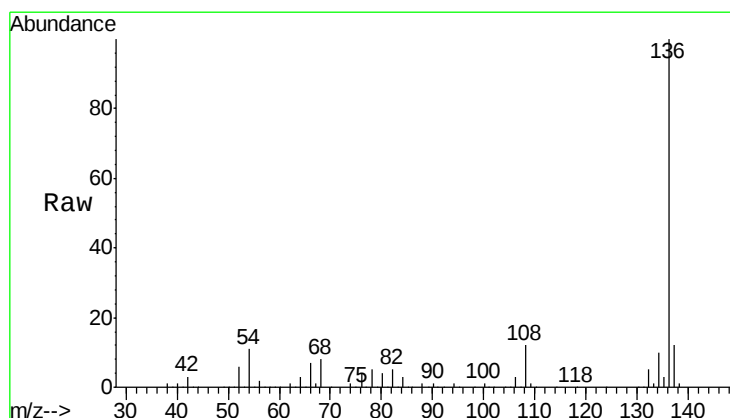
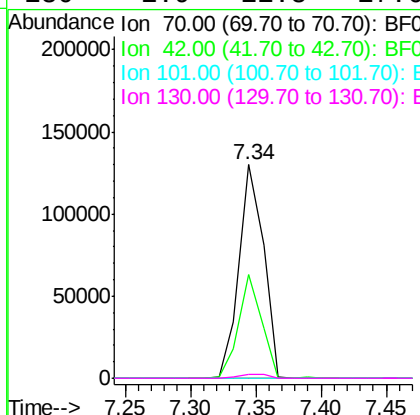
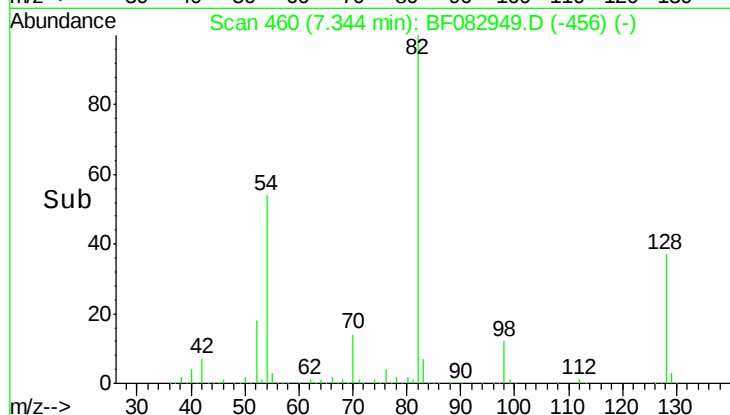
6.56



#19
 n-Nitroso-di-n-propylamine
 Concen: 13.07 ng
 RT: 7.34 min Scan# 460
 Delta R.T. 0.08 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

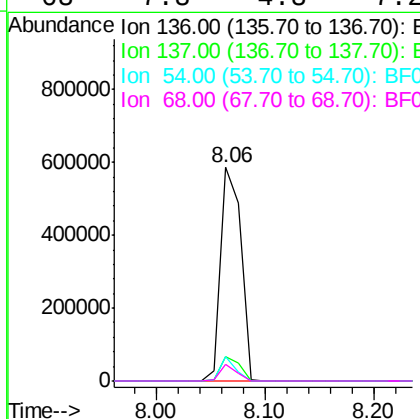
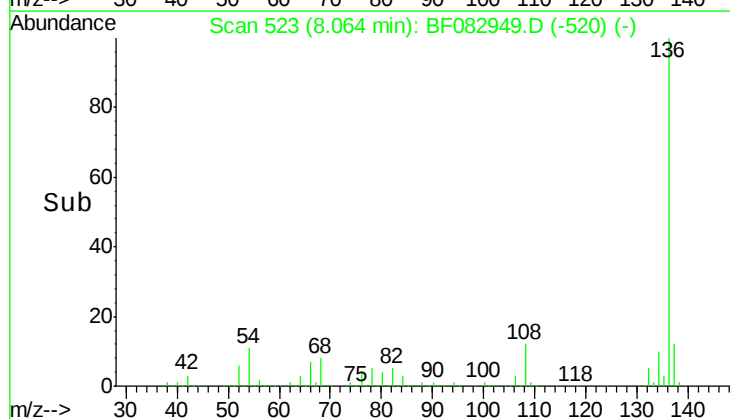
Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-D-M

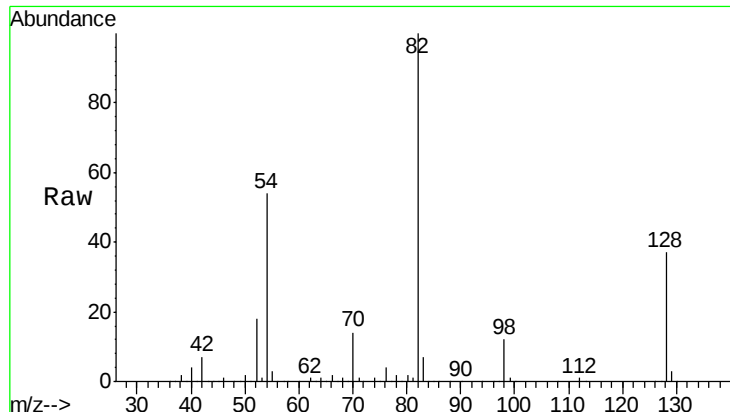
Tgt Ion:	70	Resp:	169664
Ion	Ratio	Lower	Upper
70	100		
42	48.8	57.7	86.5#
101	0.0	7.0	10.6#
130	1.9	11.8	17.6#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.06 min Scan# 523
 Delta R.T. -0.08 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Tgt Ion:	136	Resp:	760539
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	11.5	9.1	13.7
68	7.8	4.8	7.2#

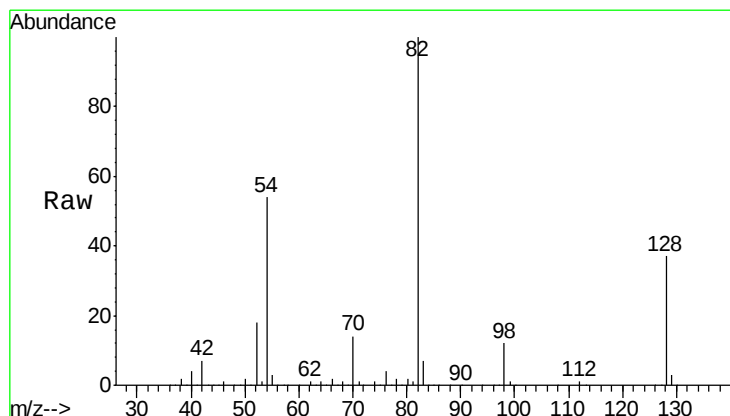
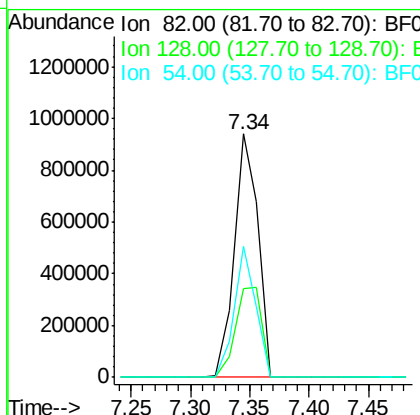
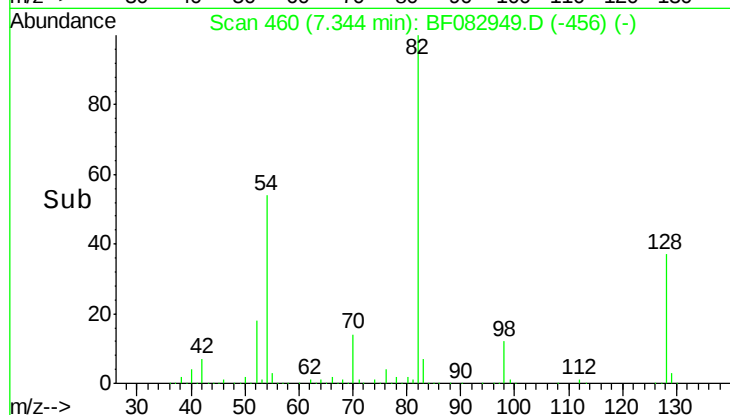




#23
 Nitrobenzene-d5
 Concen: 74.08 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

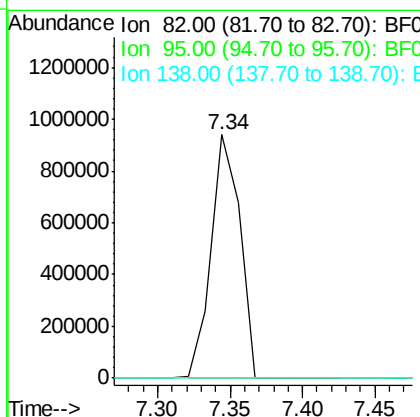
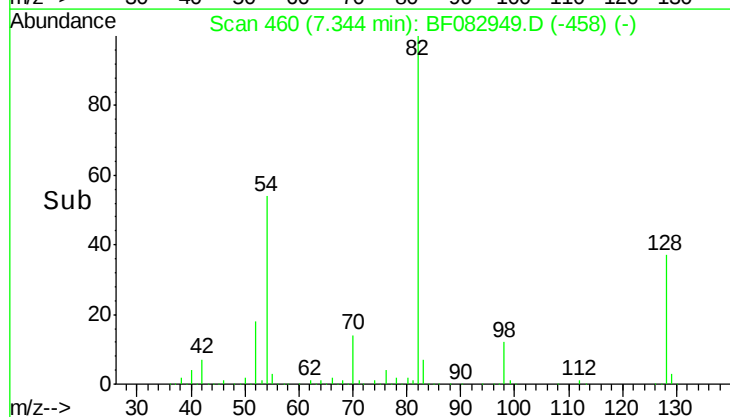
Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-D-M

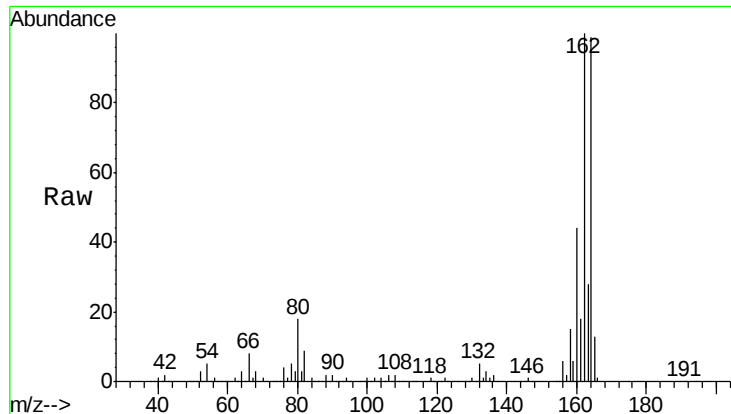
Tgt Ion:	82	Resp:	1294779
Ion	Ratio	Lower	Upper
82	100		
128	36.7	26.8	40.2
54	53.6	45.7	68.5



#25
 Isophorone
 Concen: 39.94 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Tgt Ion:	82	Resp:	1291574
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#

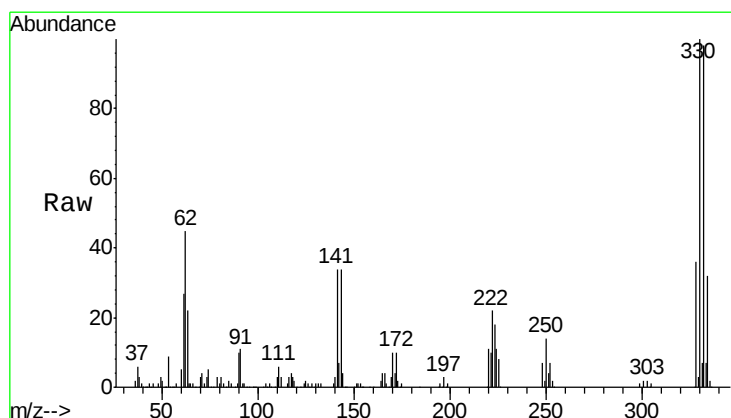
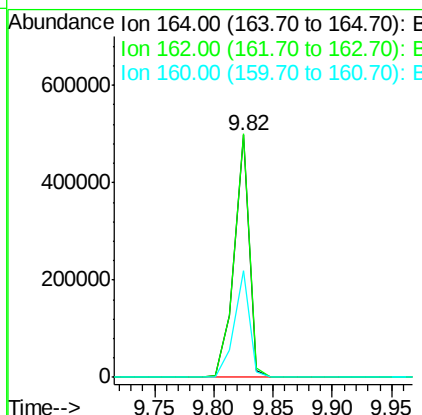
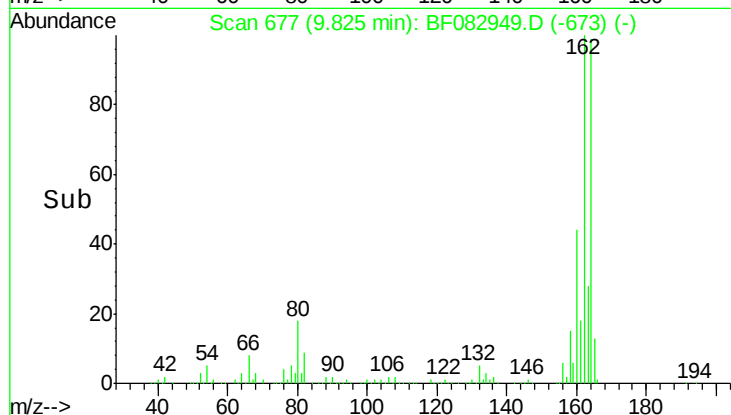




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

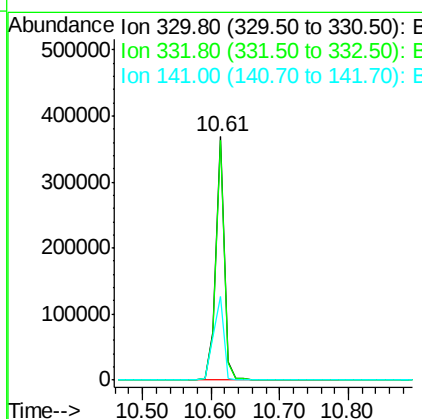
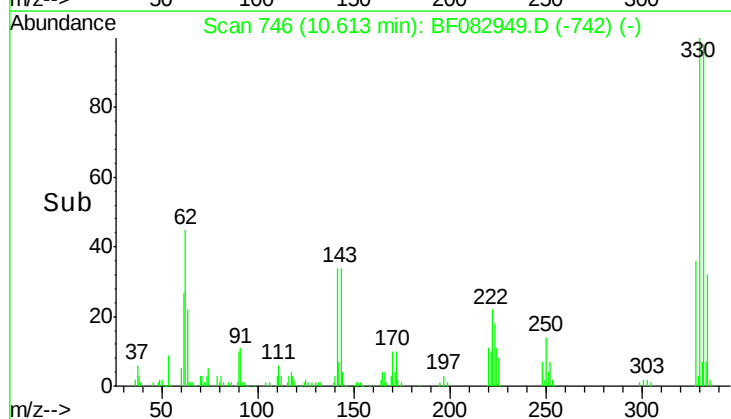
Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-D-M

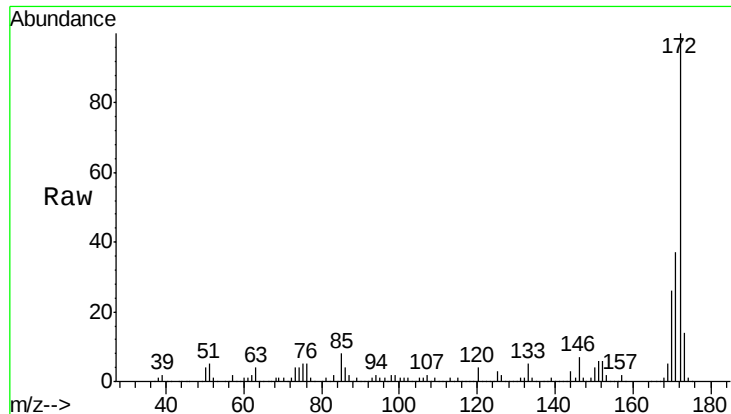
Tgt Ion:	164	Resp:	442147
Ion	Ratio	Lower	Upper
164	100		
162	100.7	84.9	127.3
160	44.0	37.5	56.3



#41
 2,4,6-Tribromophenol
 Concen: 65.25 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Tgt Ion:	330	Resp:	330778
Ion	Ratio	Lower	Upper
330	100		
332	97.4	76.6	114.8
141	41.7	41.2	61.8

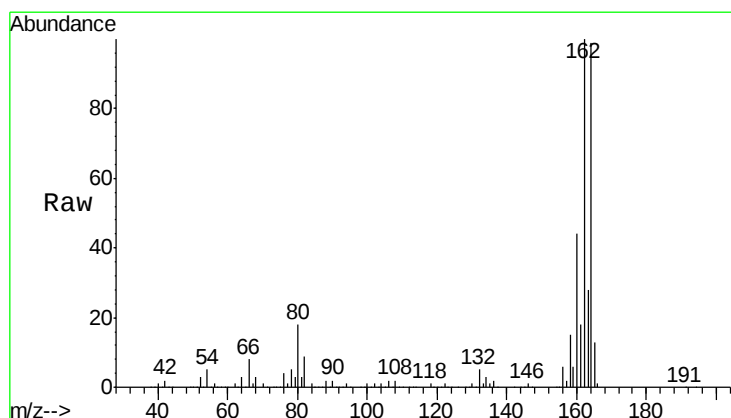
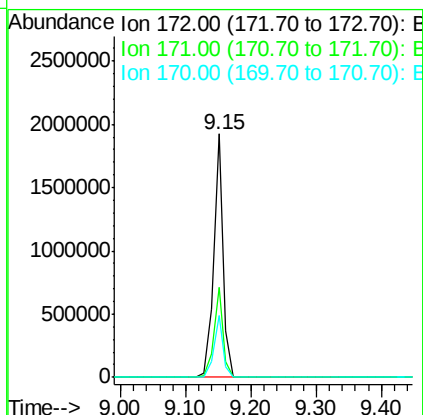
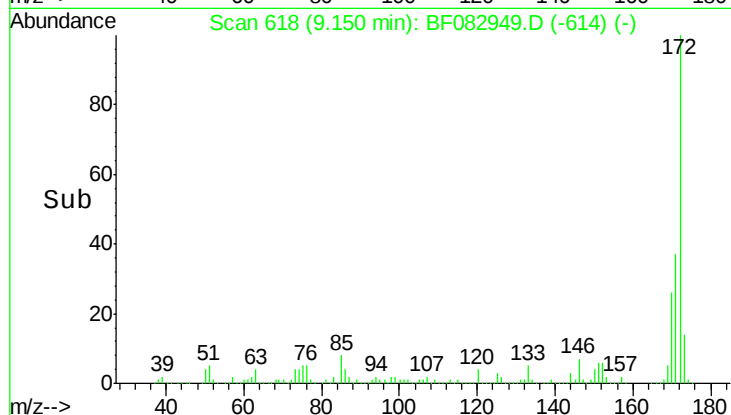




#44
 2-Fluorobiphenyl
 Concen: 64.16 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

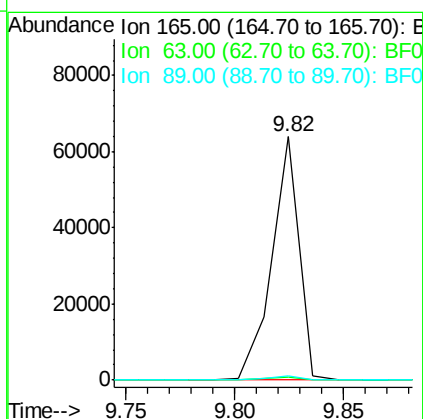
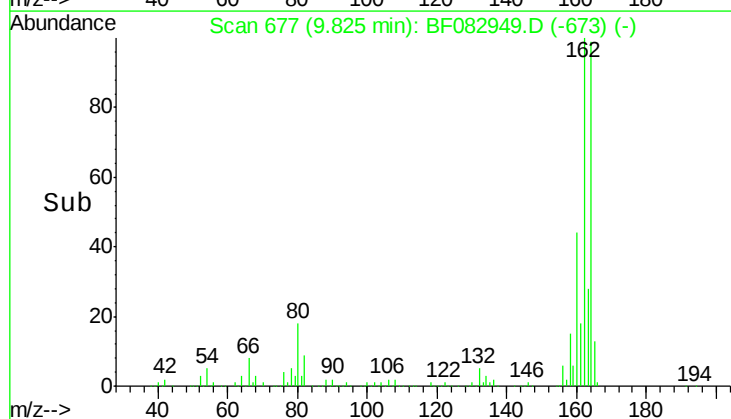
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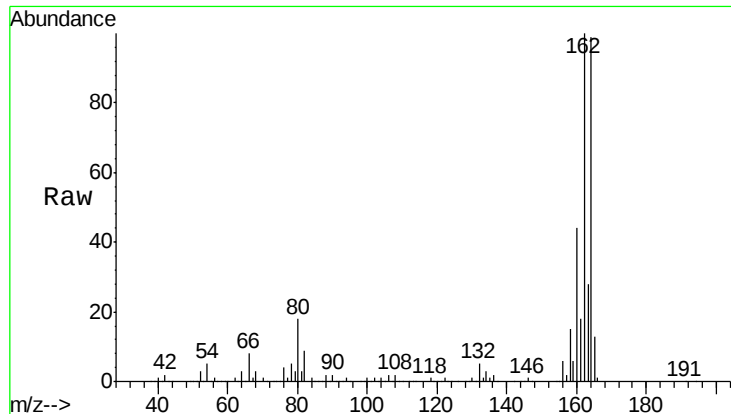
Tgt Ion:172 Resp: 1979322
 Ion Ratio Lower Upper
 172 100
 171 37.0 30.8 46.2
 170 25.6 21.2 31.8



#50
 2,6-Dinitrotoluene
 Concen: 7.28 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Tgt Ion:165 Resp: 56308
 Ion Ratio Lower Upper
 165 100
 63 1.4 55.5 83.3#
 89 1.7 55.0 82.6#

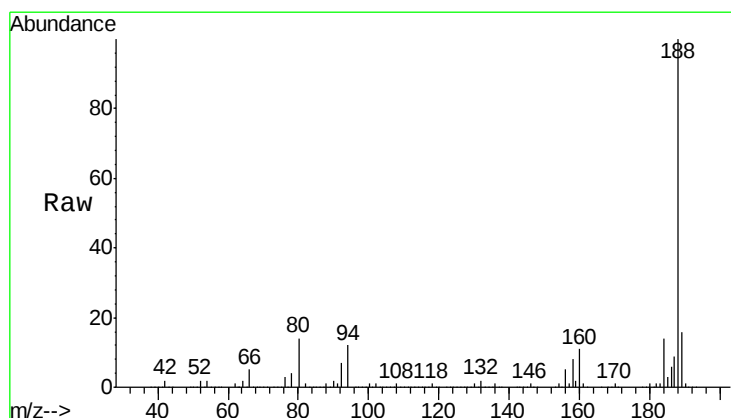
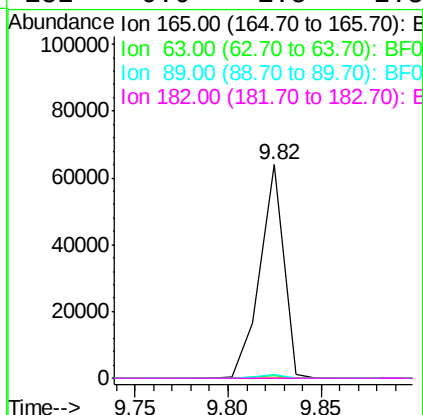
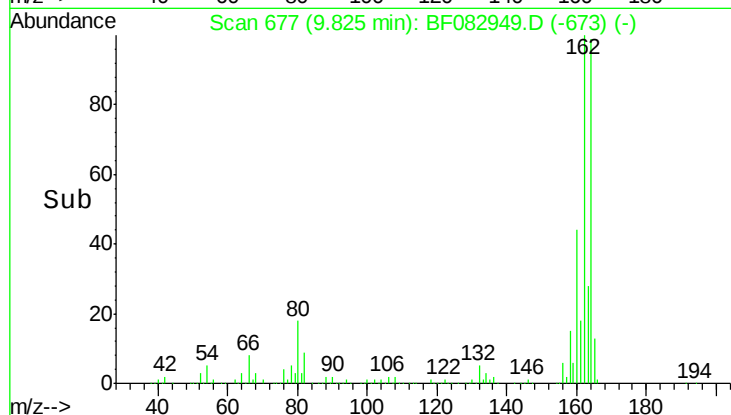




#56
 2,4-Dinitrotoluene
 Concen: 5.37 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.25 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

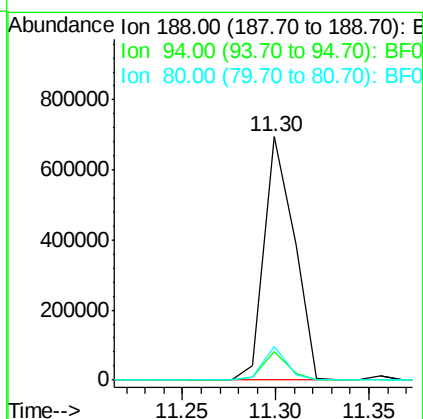
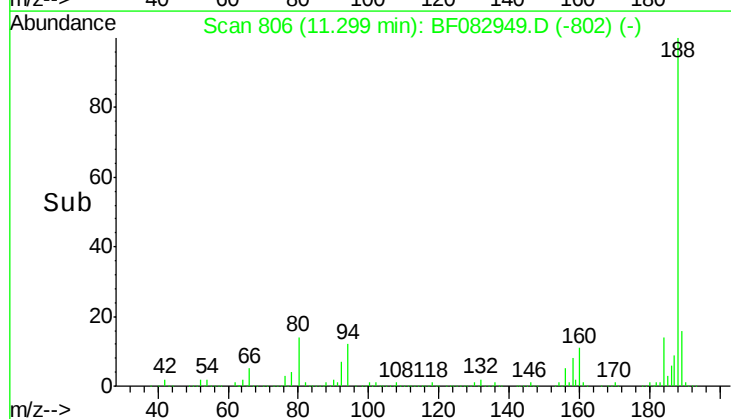
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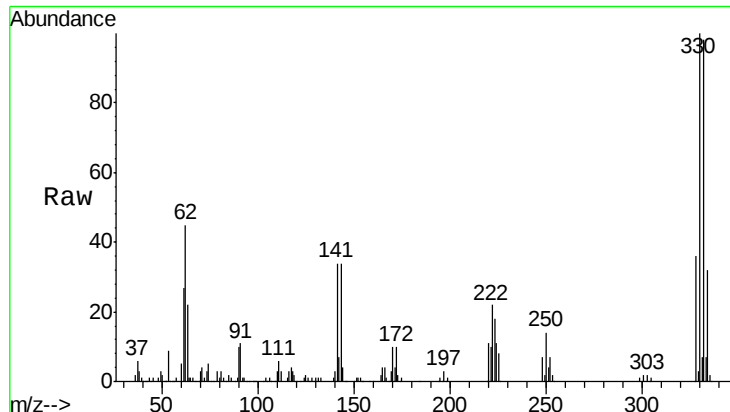
Tgt Ion:165 Resp: 56310
 Ion Ratio Lower Upper
 165 100
 63 1.4 43.4 65.0#
 89 1.7 70.6 106.0#
 182 0.0 1.5 2.3#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Tgt Ion:188 Resp: 776275
 Ion Ratio Lower Upper
 188 100
 94 11.9 6.1 9.1#
 80 13.7 7.0 10.6#

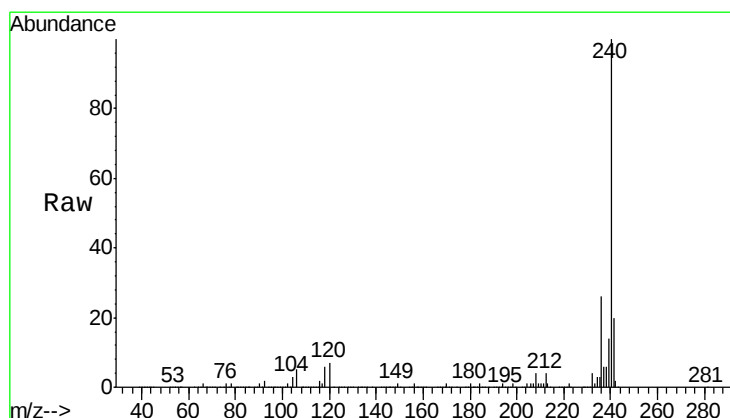
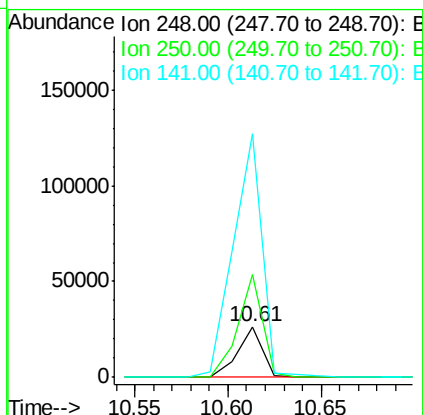
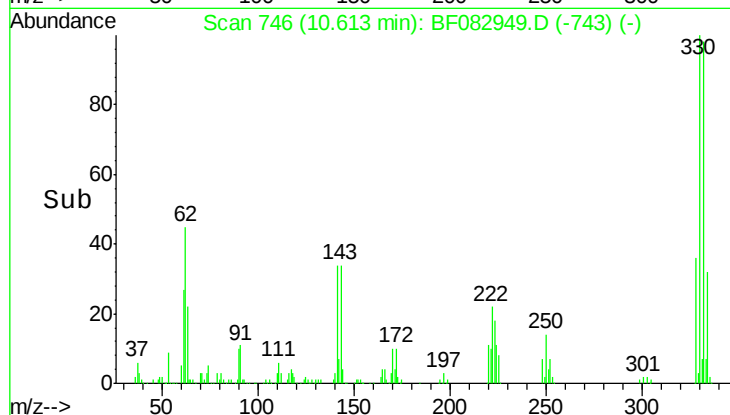




#66
 4-Bromophenyl-phenylether
 Concen: 2.61 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.31 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

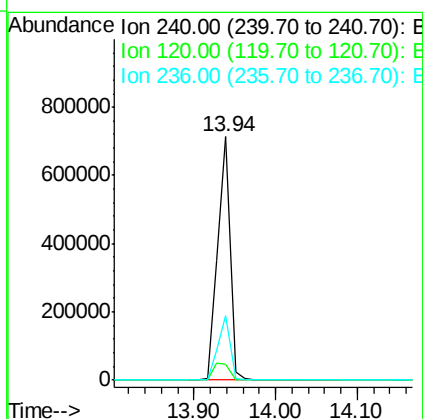
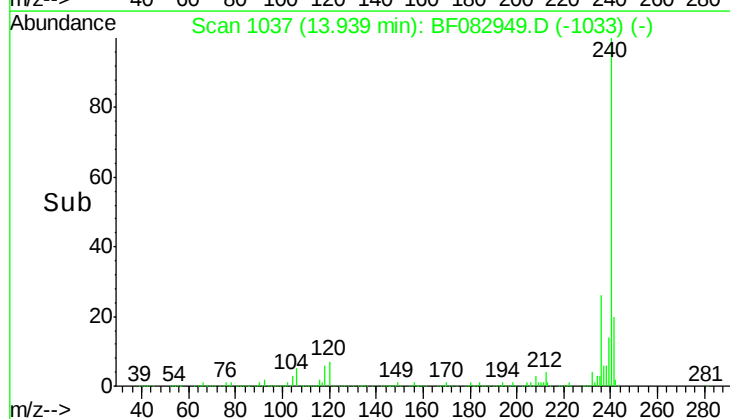
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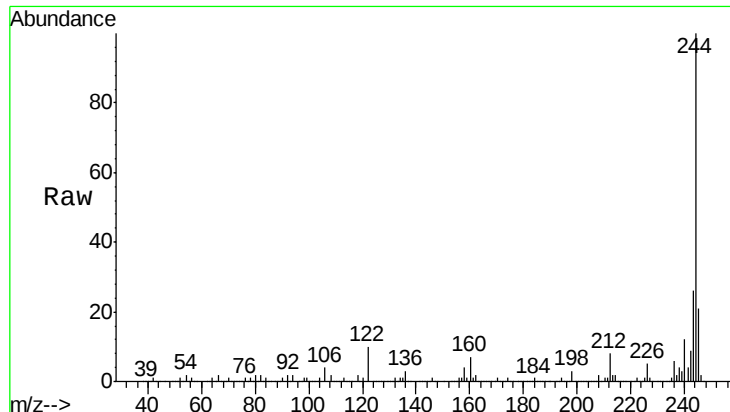
Tgt Ion:248 Resp: 24404
 Ion Ratio Lower Upper
 248 100
 250 201.5 79.4 119.2#
 141 479.5 36.3 54.5#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.94 min Scan# 1037
 Delta R.T. -0.08 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Tgt Ion:240 Resp: 758123
 Ion Ratio Lower Upper
 240 100
 120 6.5 10.9 16.3#
 236 26.2 21.6 32.4

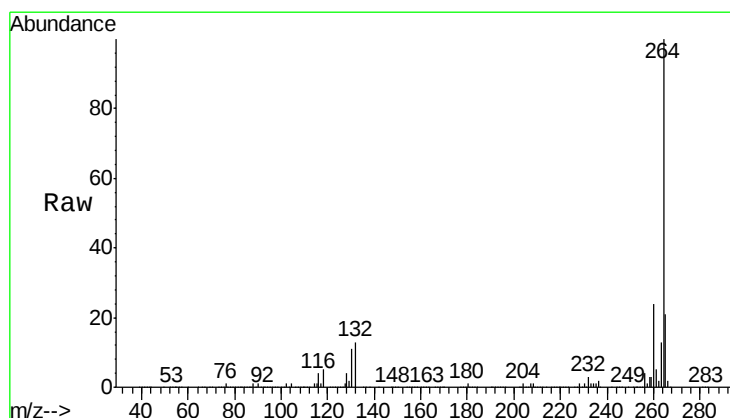
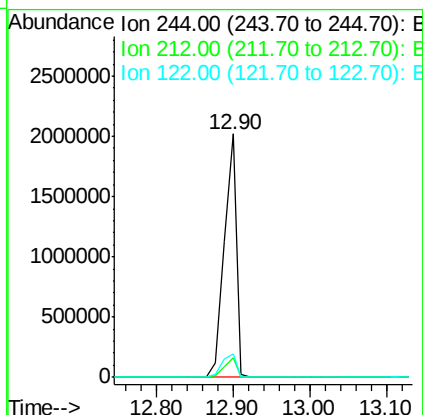
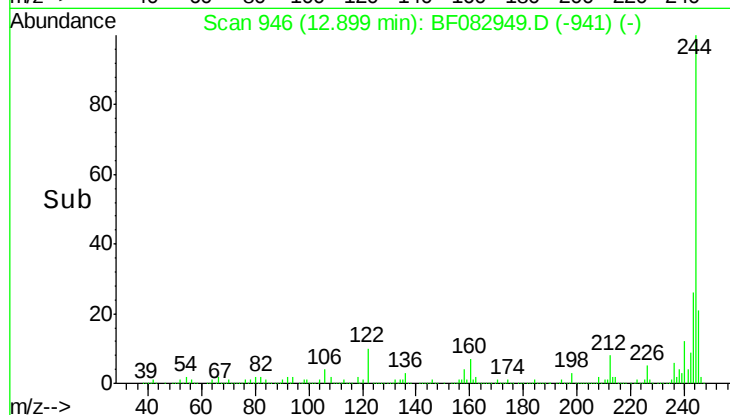




#78
 Terphenyl-d14
 Concen: 70.92 ng
 RT: 12.90 min Scan# 946
 Delta R.T. -0.07 min
 Lab File: BF082949.D
 Acq: 16 Nov 2015 20:28

Instrument :
 BNA_F
 ClientSampleId :
 111215-A263-E-D-M

Tgt Ion:244 Resp: 2266812
 Ion Ratio Lower Upper
 244 100
 212 8.1 7.6 11.4
 122 9.8 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: BF082949.D
 Acq: 16 Nov 2015 20:28

Tgt Ion:264 Resp: 626314
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.8 29.6
 265 21.2 17.4 26.0

