

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111615\
 Data File : BF082945.D
 Acq On : 16 Nov 2015 18:31
 Operator : UM/IZ
 Sample : G4429-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-U-B

Quant Time: Nov 17 00:08:51 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

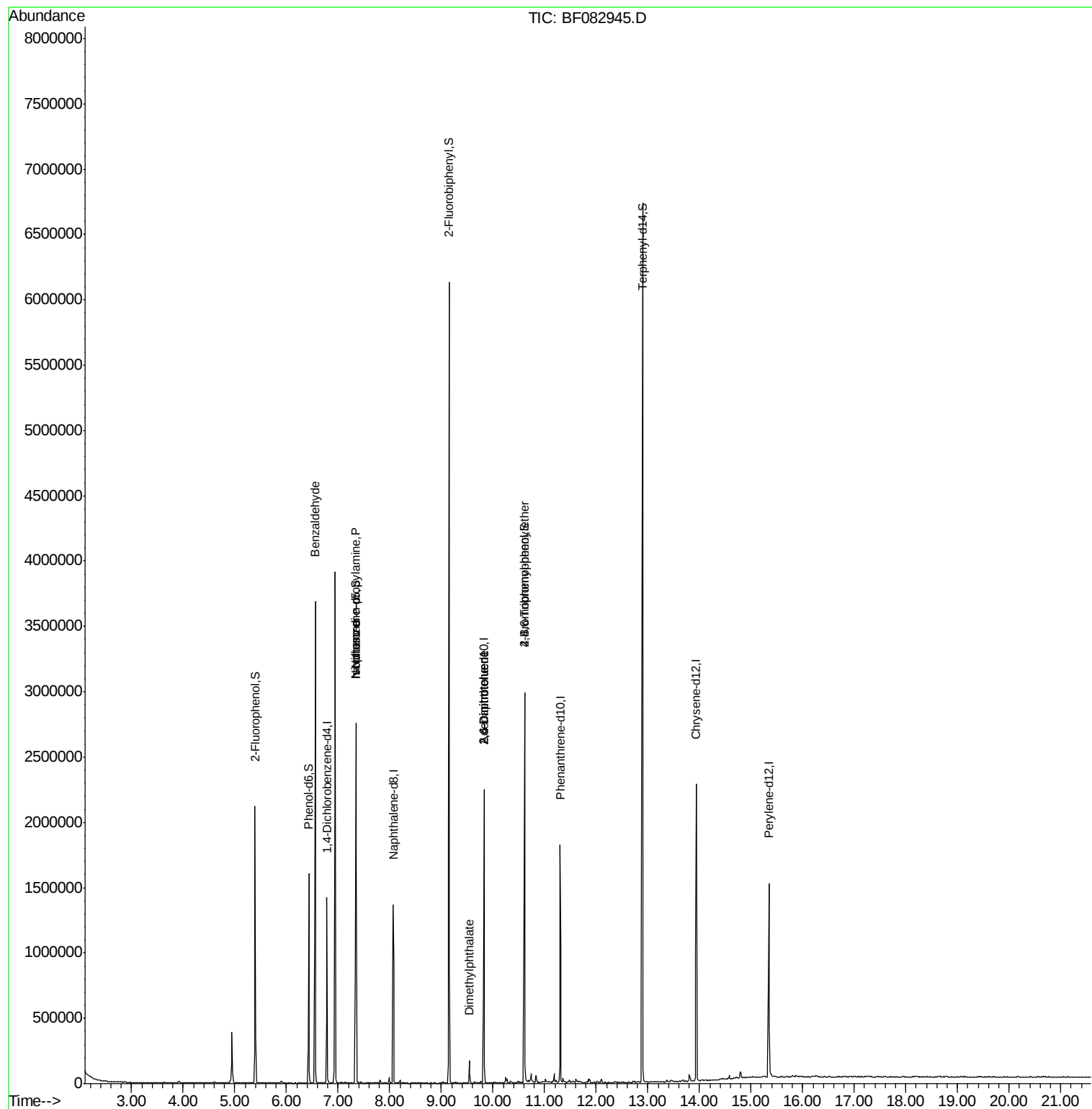
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	220059	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	791785	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	455328	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	830633	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	857612	20.00	ng	-0.08
86) Perylene-d12	15.35	264	689364	20.00	ng	-0.11
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	522393	36.94	ng	-0.06
7) Phenol-d6	6.43	99	484181	25.75	ng	-0.05
23) Nitrobenzene-d5	7.34	82	1322830	72.70	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	349671	66.98	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1993191	62.74	ng	-0.07
78) Terphenyl-d14	12.90	244	2374880	65.68	ng	-0.07
Target Compounds						
9) Benzaldehyde	6.56	77	24238	2.33	ng	Qvalue 90
19) n-Nitroso-di-n-propylamine	7.34	70	172949	12.51	ng	# 71
25) Isophorone	7.34	82	1316523	39.10	ng	# 69
49) Dimethylphthalate	9.54	163	80756	2.16	ng	99
50) 2,6-Dinitrotoluene	9.82	165	58255	7.32	ng	# 17
56) 2,4-Dinitrotoluene	9.82	165	58257	5.39	ng	# 15
66) 4-Bromophenyl-phenylether	10.61	248	25115	2.51	ng	# 1

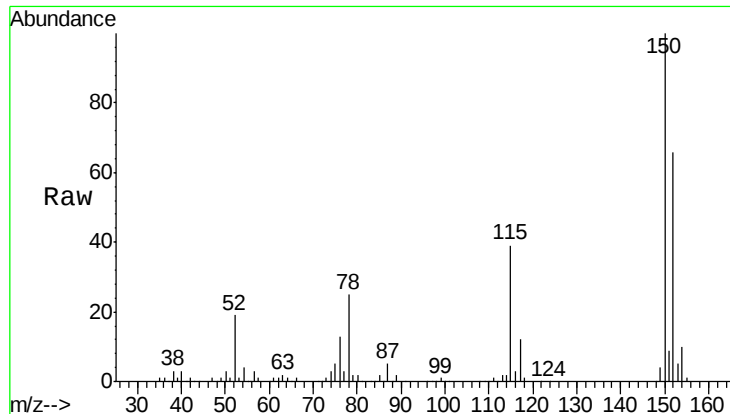
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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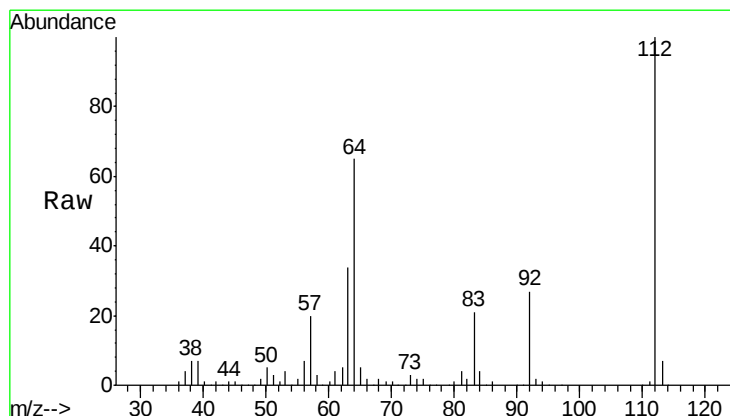
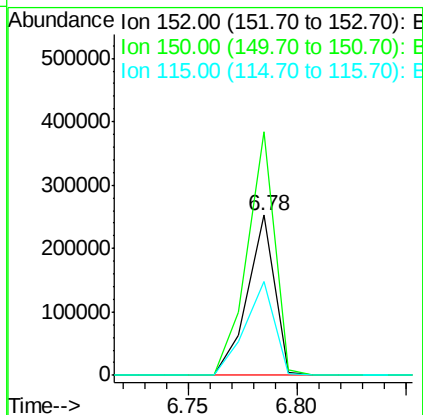
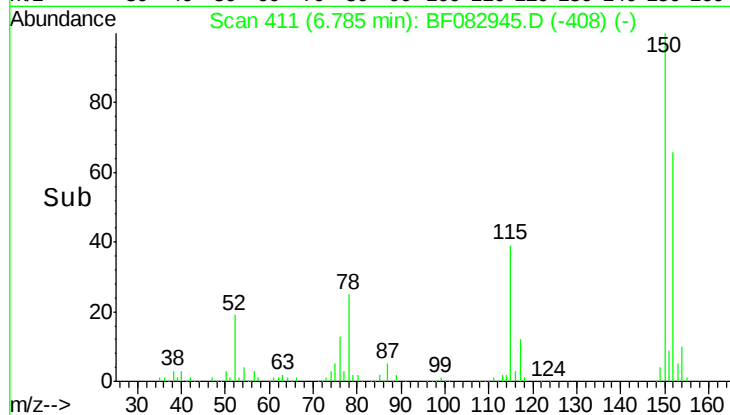




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF082945.D
 Acq: 16 Nov 2015 18:31

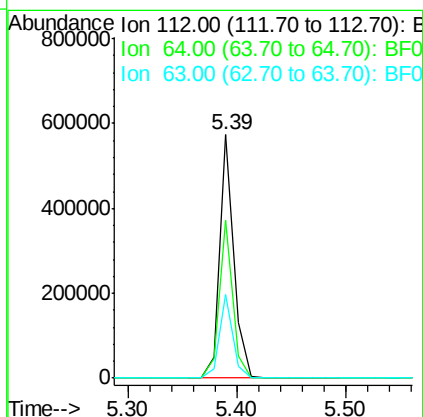
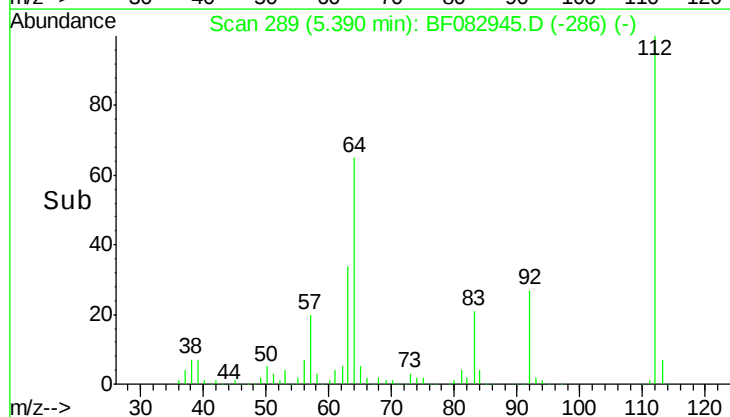
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-U-B

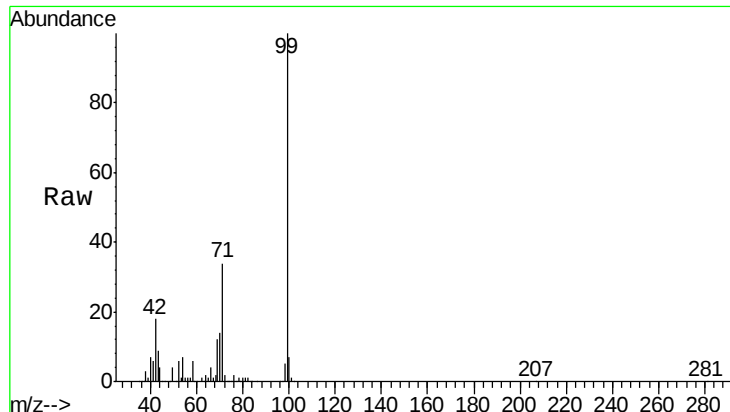
Tgt Ion:	152	Resp:	220059
Ion	Ratio	Lower	Upper
152	100		
150	152.0	127.0	190.4
115	58.6	47.0	70.6



#5
 2-Fluorophenol
 Concen: 36.94 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF082945.D
 Acq: 16 Nov 2015 18:31

Tgt Ion:	112	Resp:	522393
Ion	Ratio	Lower	Upper
112	100		
64	64.7	48.9	73.3
63	34.3	28.1	42.1





#7

Phenol-d6

Concen: 25.75 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.05 min

Lab File: BF082945.D

Acq: 16 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

111315-A263-F-U-B

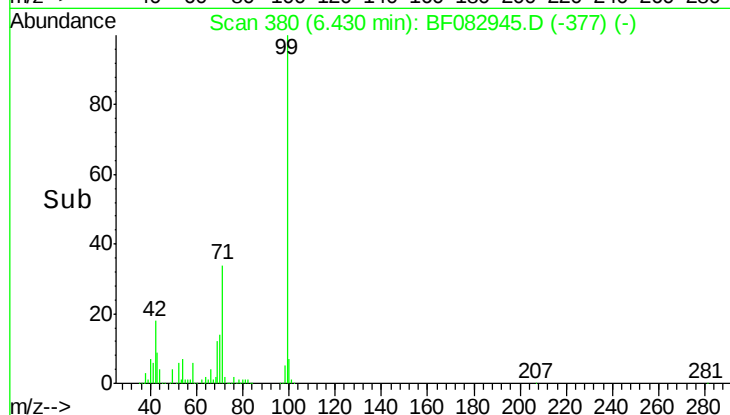
Tgt Ion: 99 Resp: 484181

Ion Ratio Lower Upper

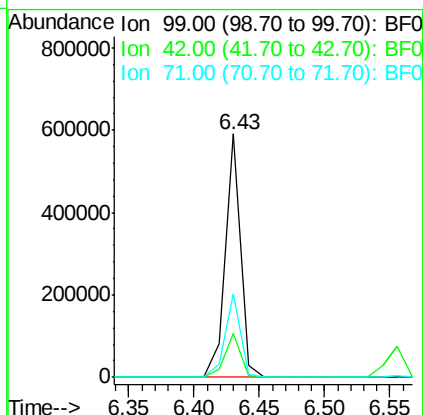
99 100

42 17.8 19.2 28.8#

71 34.2 35.0 52.4#



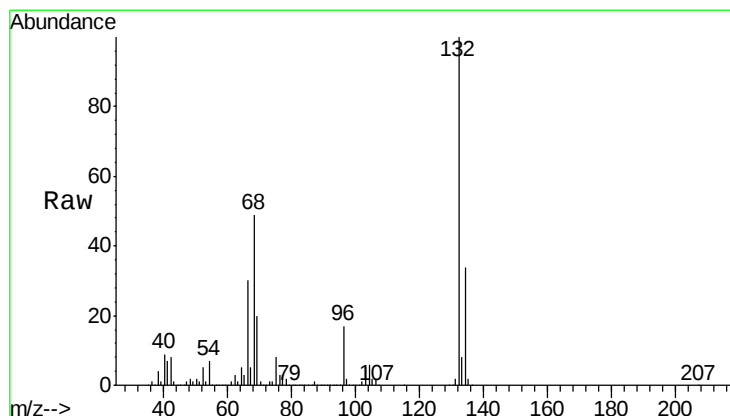
Scan 380 (6.430 min): BF082945.D (-377) (-)



Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#9

Benzaldehyde

Concen: 2.33 ng

RT: 6.56 min Scan# 391

Delta R.T. 0.16 min

Lab File: BF082945.D

Acq: 16 Nov 2015 18:31

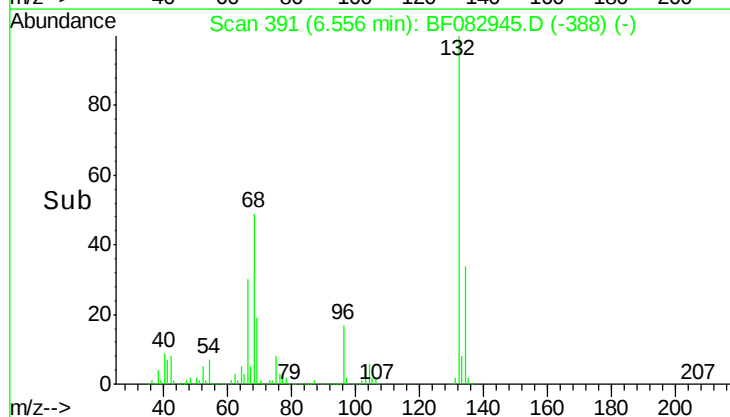
Tgt Ion: 77 Resp: 24238

Ion Ratio Lower Upper

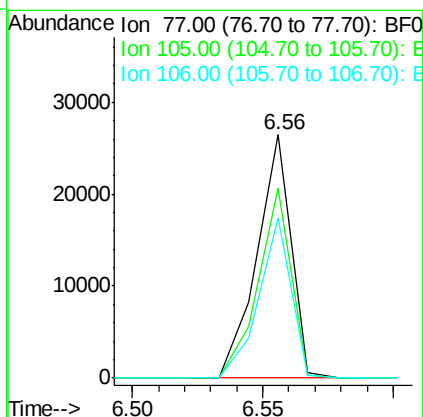
77 100

105 77.9 63.5 103.5

106 66.1 59.3 99.3



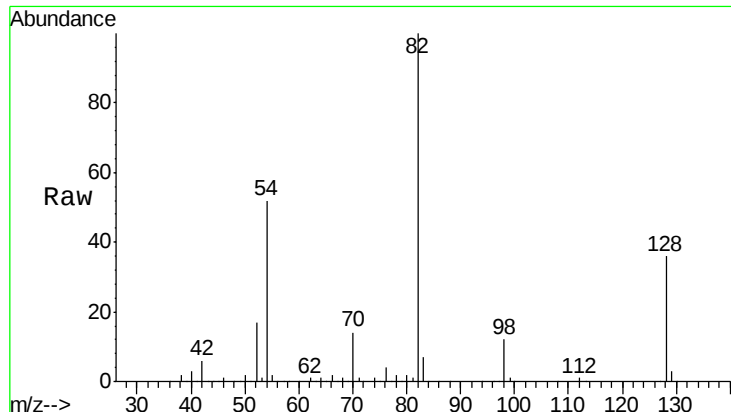
Scan 391 (6.556 min): BF082945.D (-388) (-)



Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

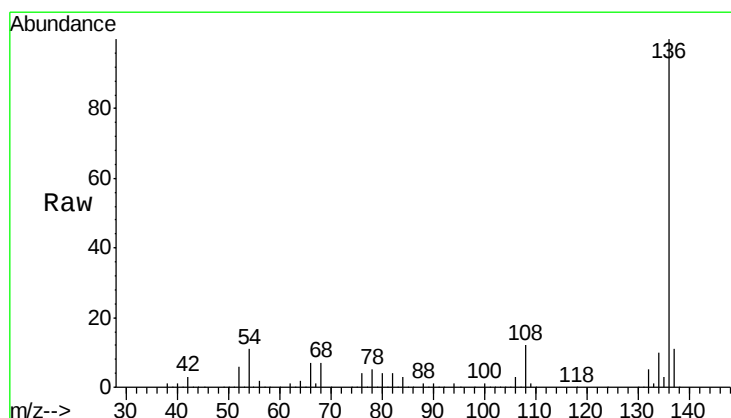
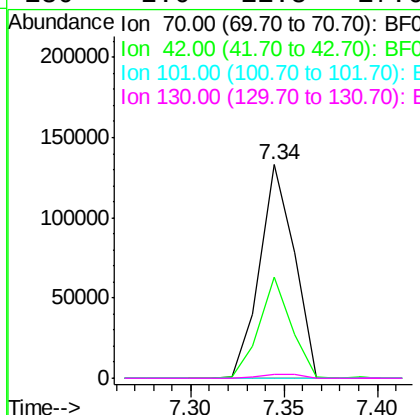
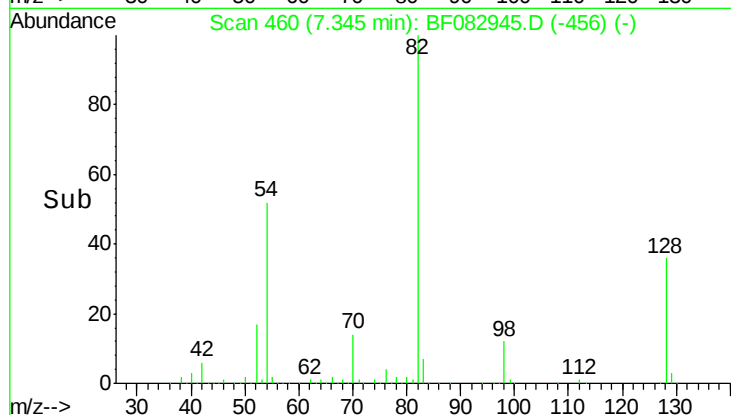
Ion 106.00 (105.70 to 106.70): E



#19
n-Nitroso-di-n-propylamine
Concen: 12.51 ng
RT: 7.34 min Scan# 460
Delta R.T. 0.08 min
Lab File: BF082945.D
Acq: 16 Nov 2015 18:31

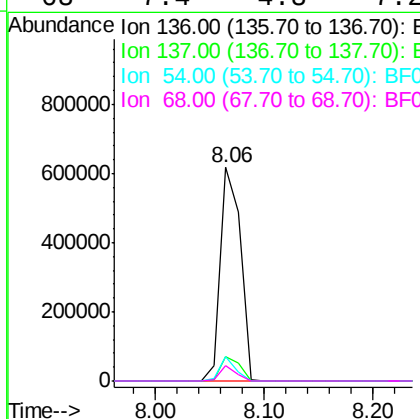
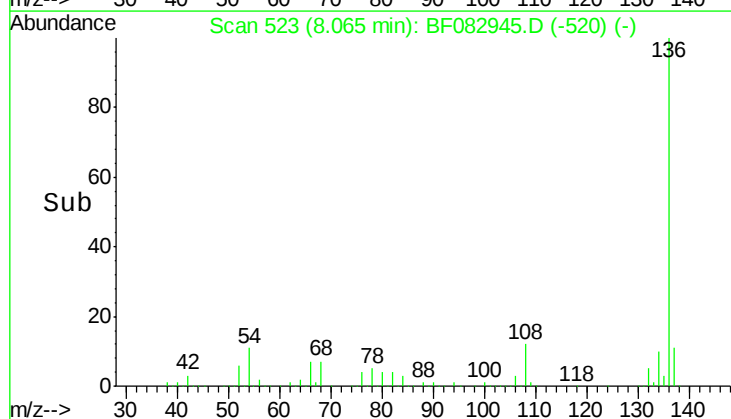
Instrument :
BNA_F
ClientSampleId :
111315-A263-F-U-B

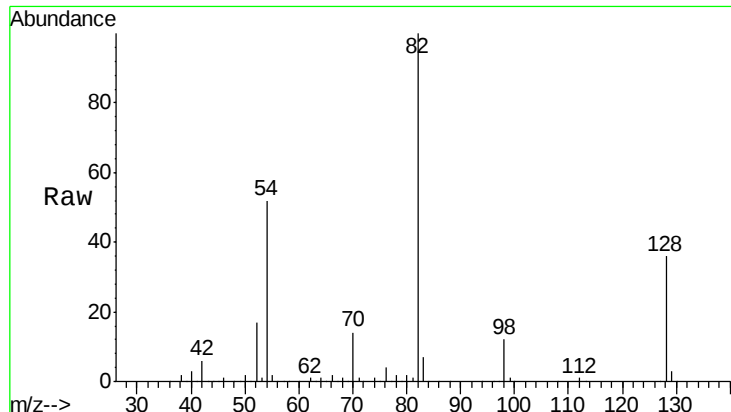
Tgt Ion:	70	Resp:	172949
Ion	Ratio	Lower	Upper
70	100		
42	47.3	57.7	86.5#
101	0.0	7.0	10.6#
130	2.0	11.8	17.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 523
Delta R.T. -0.08 min
Lab File: BF082945.D
Acq: 16 Nov 2015 18:31

Tgt Ion:	136	Resp:	791785
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	11.4	9.1	13.7
68	7.4	4.8	7.2#

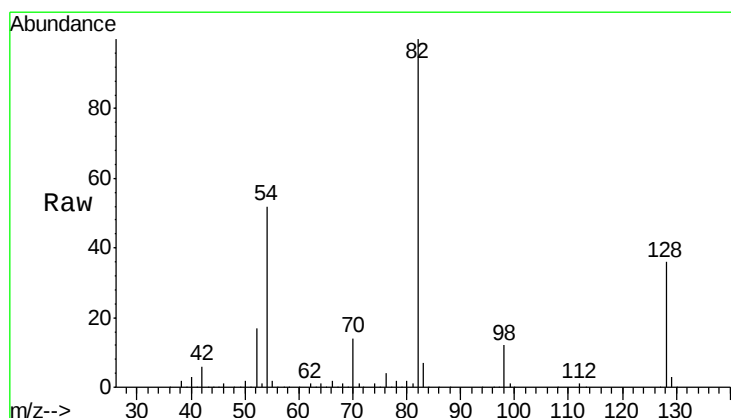
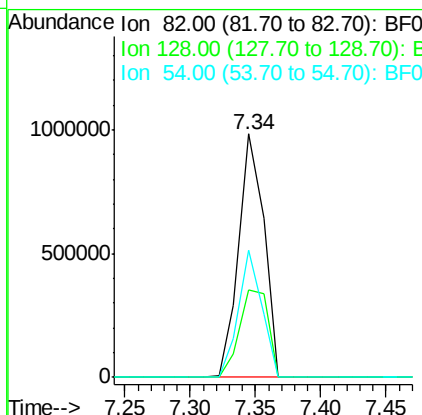
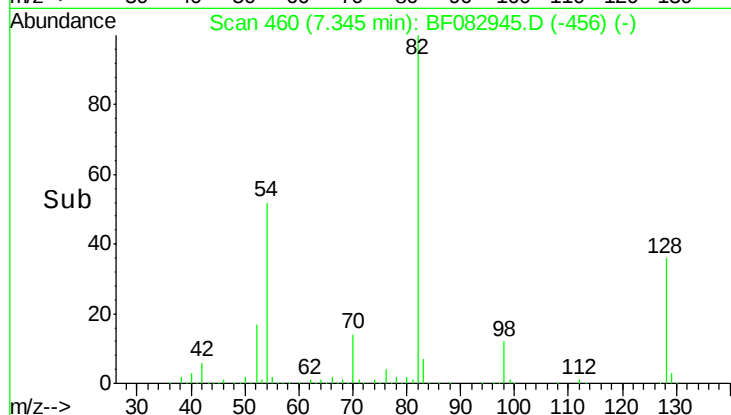




#23
 Nitrobenzene-d5
 Concen: 72.70 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.07 min
 Lab File: BF082945.D
 Acq: 16 Nov 2015 18:31

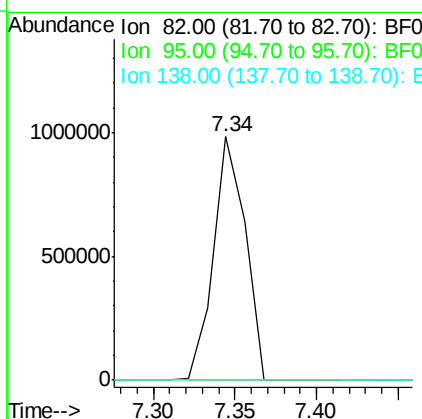
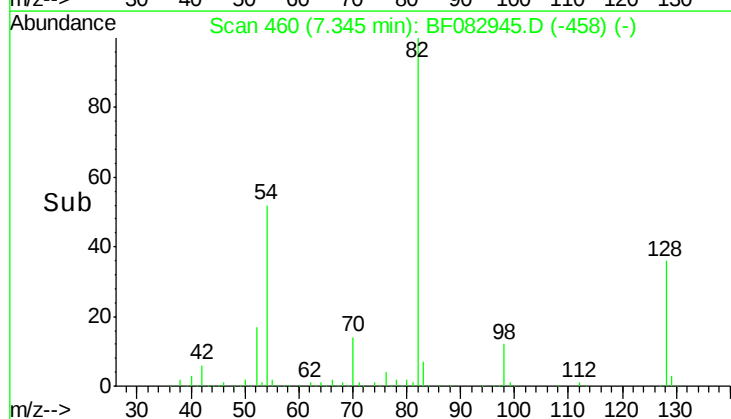
Instrument :
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 ClientSampleId :
 111315-A263-F-U-B

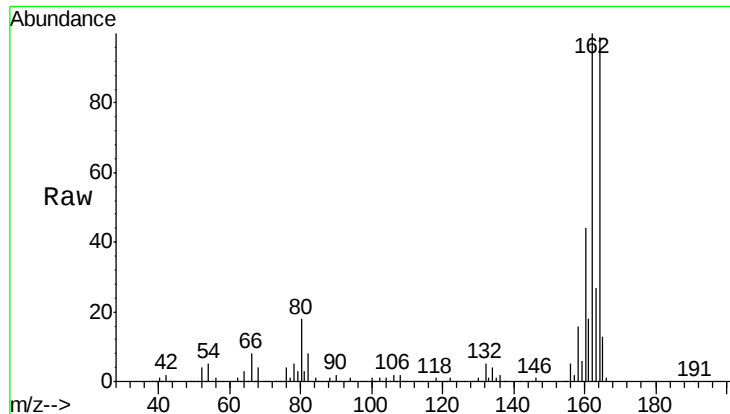
Tgt Ion:	82	Resp:	1322830
Ion	Ratio	Lower	Upper
82	100		
128	36.1	26.8	40.2
54	52.0	45.7	68.5



#25
 Isophorone
 Concen: 39.10 ng
 RT: 7.34 min Scan# 460
 Delta R.T. -0.33 min
 Lab File: BF082945.D
 Acq: 16 Nov 2015 18:31

Tgt Ion:	82	Resp:	1316523
Ion	Ratio	Lower	Upper
82	100		
95	0.0	6.6	9.8#
138	0.0	11.4	17.0#

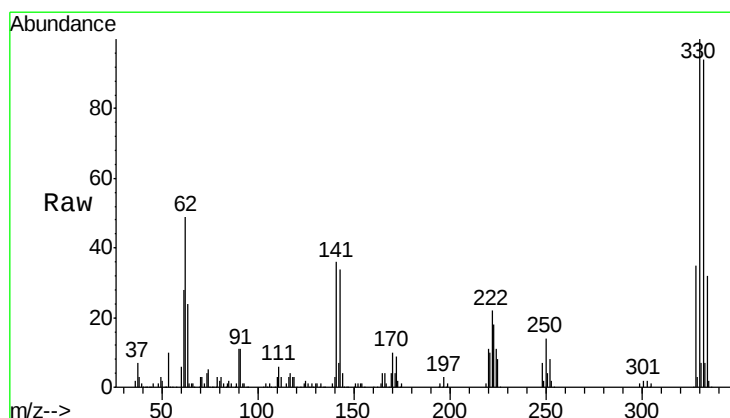
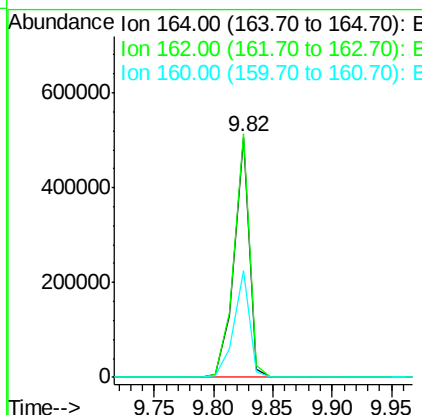
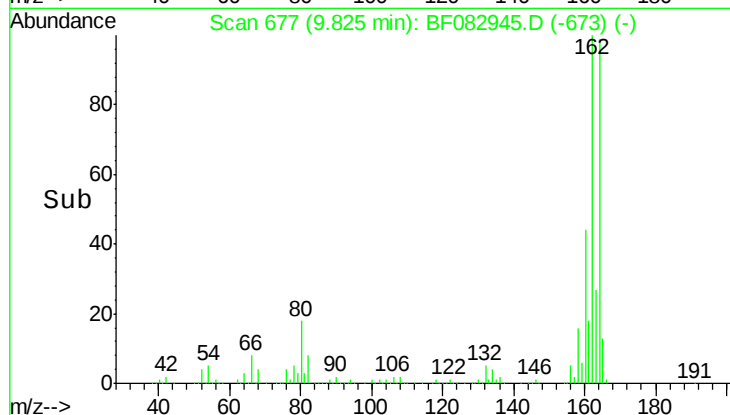




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF082945.D
 Acq: 16 Nov 2015 18:31

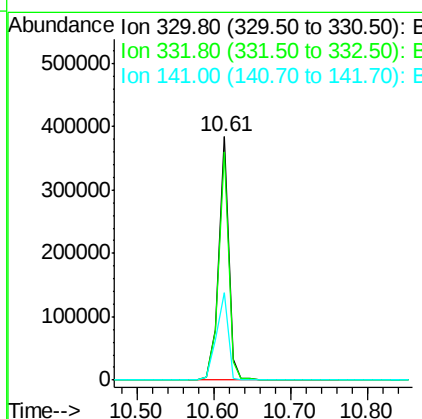
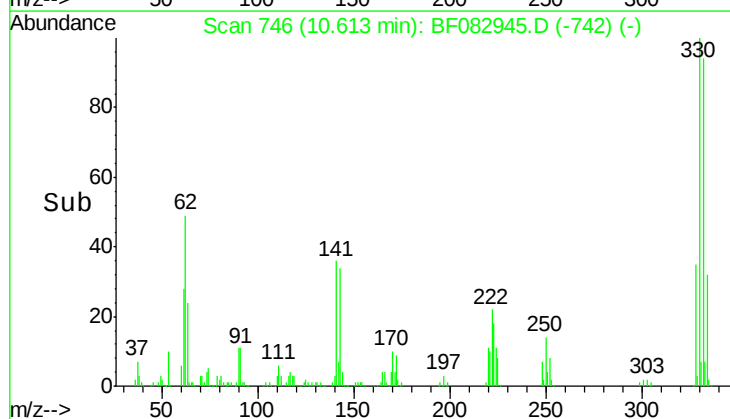
Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-U-B

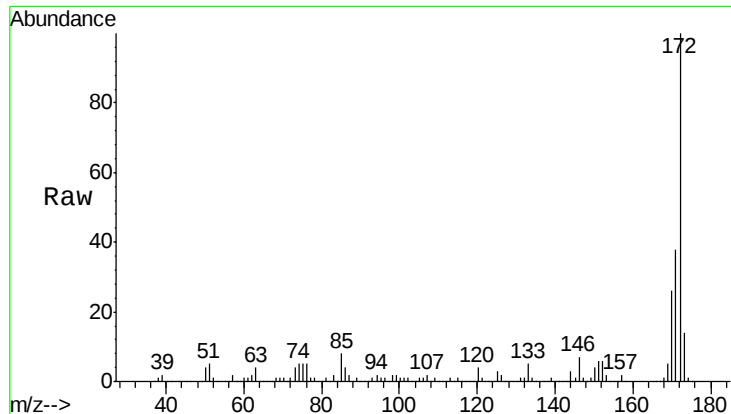
Tgt Ion:164 Resp: 455328
 Ion Ratio Lower Upper
 164 100
 162 101.3 84.9 127.3
 160 44.5 37.5 56.3



#41
 2,4,6-Tribromophenol
 Concen: 66.98 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082945.D
 Acq: 16 Nov 2015 18:31

Tgt Ion:330 Resp: 349671
 Ion Ratio Lower Upper
 330 100
 332 94.4 76.6 114.8
 141 41.2 41.2 61.8#

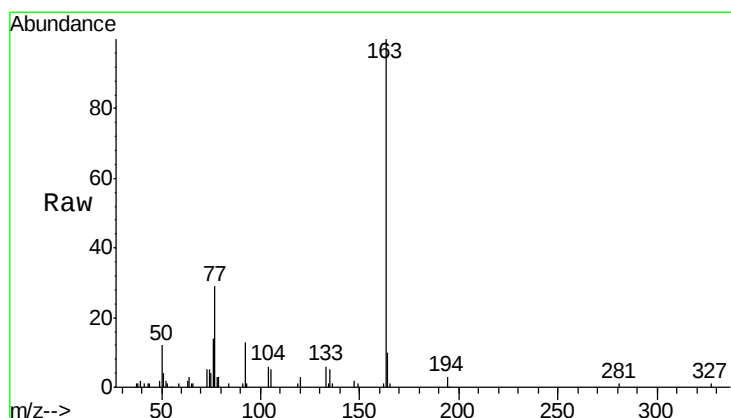
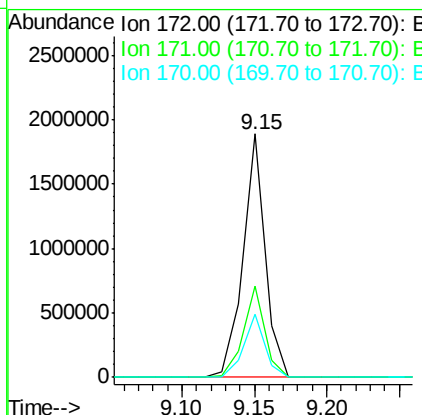
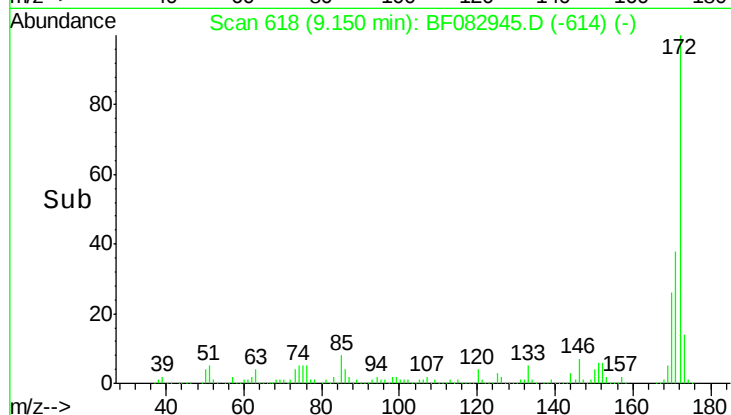




#44
 2-Fluorobiphenyl
 Concen: 62.74 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082945.D
 Acq: 16 Nov 2015 18:31

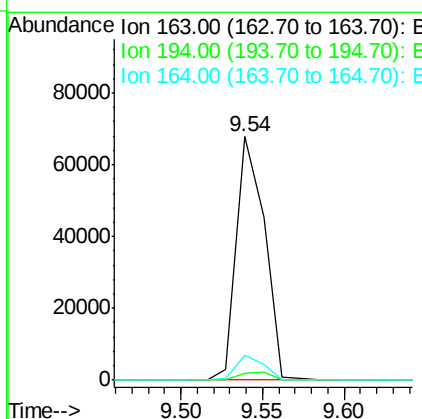
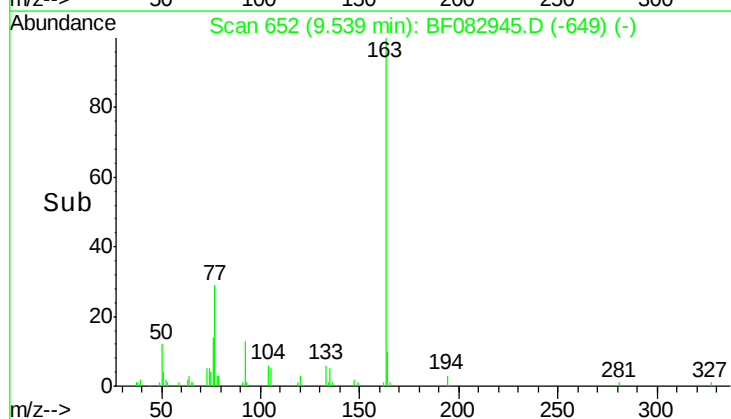
Instrument :
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 ClientSampleId :
 111315-A263-F-U-B

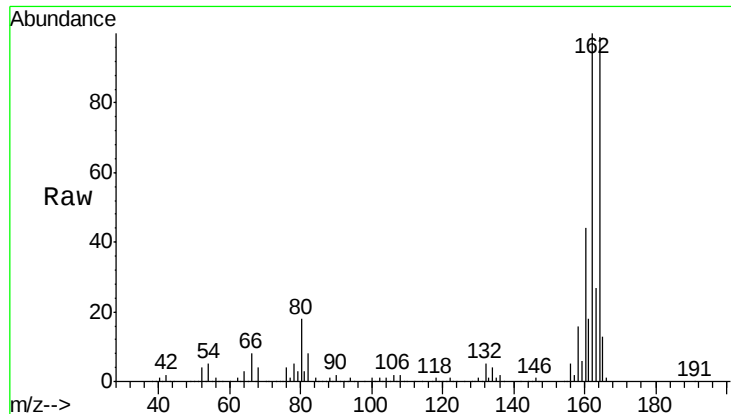
Tgt Ion:	172	Resp:	1993191
Ion	Ratio	Lower	Upper
172	100		
171	37.7	30.8	46.2
170	25.8	21.2	31.8



#49
 Dimethylphthalate
 Concen: 2.16 ng
 RT: 9.54 min Scan# 652
 Delta R.T. -0.08 min
 Lab File: BF082945.D
 Acq: 16 Nov 2015 18:31

Tgt Ion:	163	Resp:	80756
Ion	Ratio	Lower	Upper
163	100		
194	2.9	2.6	4.0
164	10.4	8.7	13.1

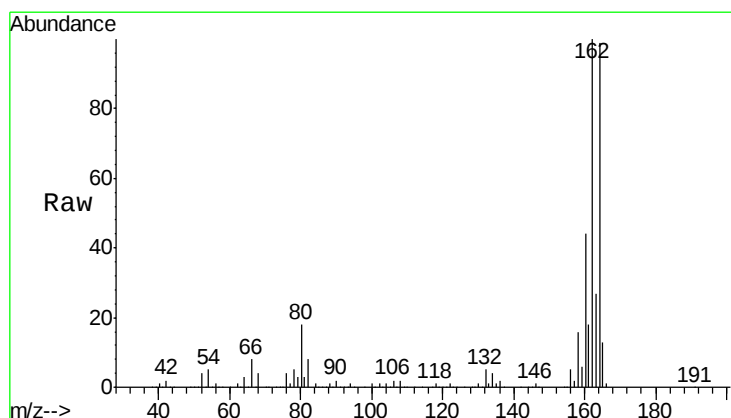
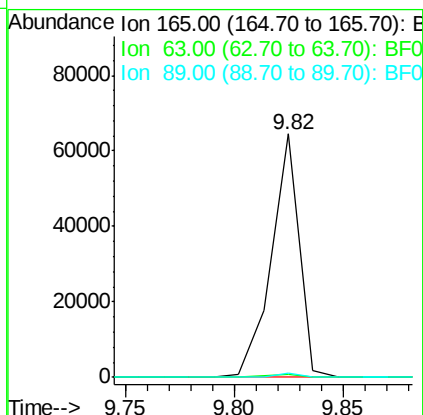
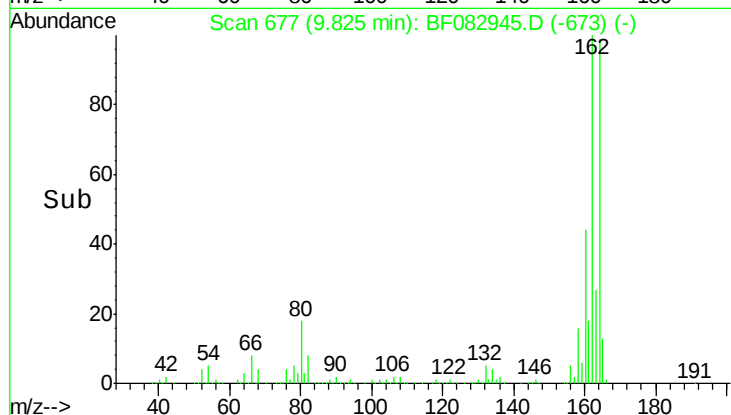




#50
 2,6-Dinitrotoluene
 Concen: 7.32 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.15 min
 Lab File: BF082945.D
 Acq: 16 Nov 2015 18:31

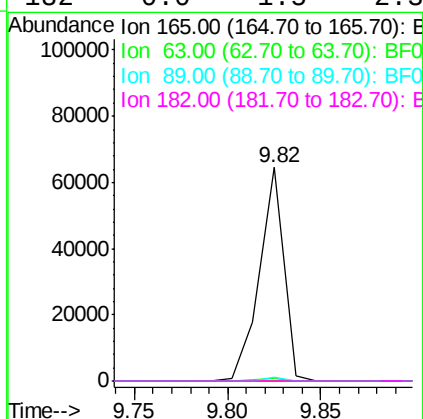
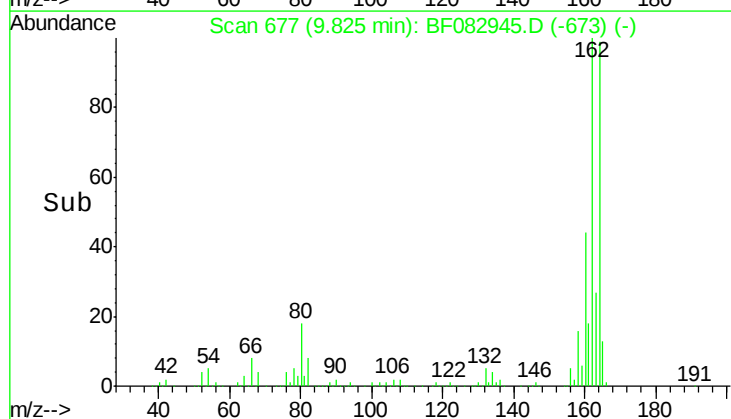
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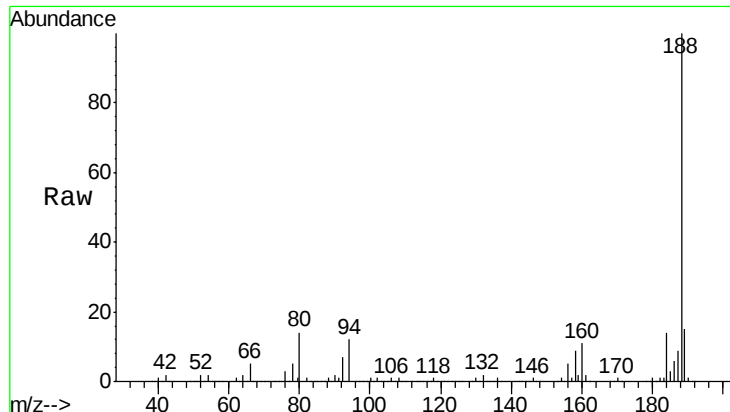
Tgt Ion:165 Resp: 58255
 Ion Ratio Lower Upper
 165 100
 63 1.3 55.5 83.3#
 89 1.7 55.0 82.6#



#56
 2,4-Dinitrotoluene
 Concen: 5.39 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.25 min
 Lab File: BF082945.D
 Acq: 16 Nov 2015 18:31

Tgt Ion:165 Resp: 58257
 Ion Ratio Lower Upper
 165 100
 63 1.3 43.4 65.0#
 89 1.7 70.6 106.0#
 182 0.0 1.5 2.3#

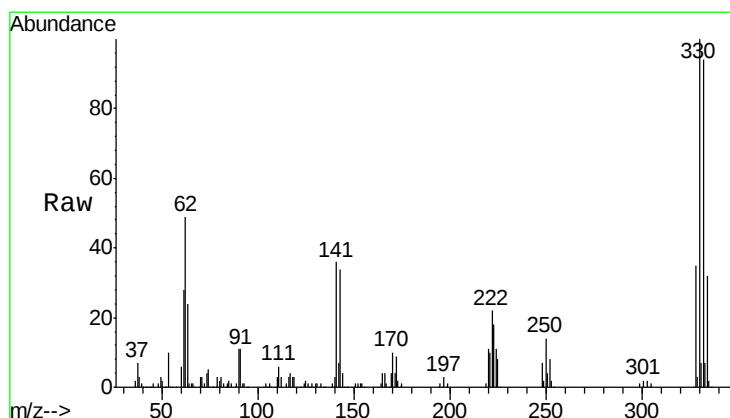
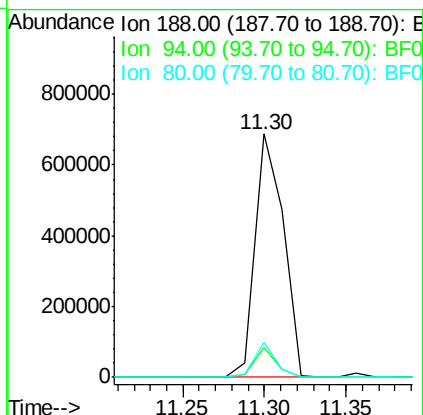
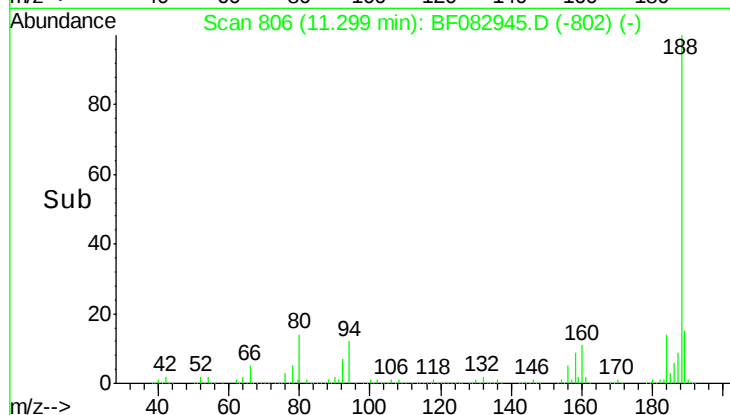




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF082945.D
Acq: 16 Nov 2015 18:31

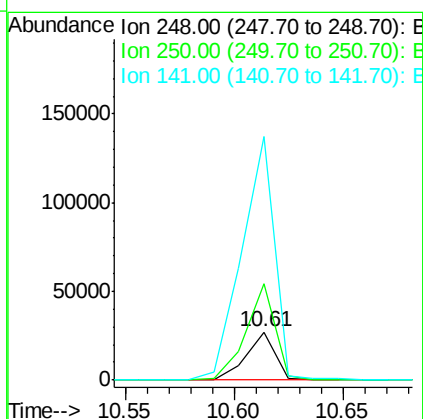
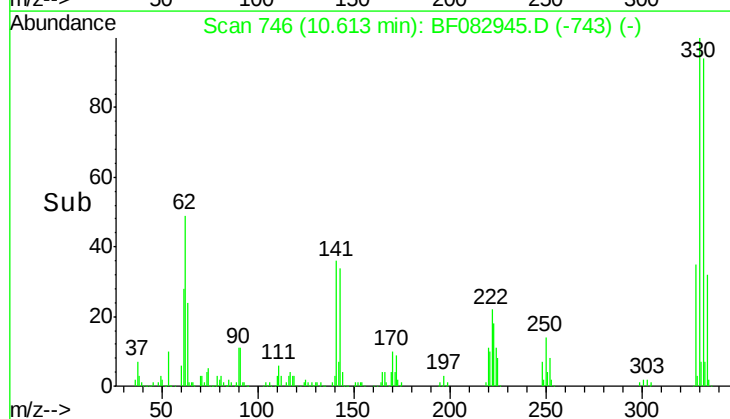
Instrument :
BNA_F
ClientSampleId :
111315-A263-F-U-B

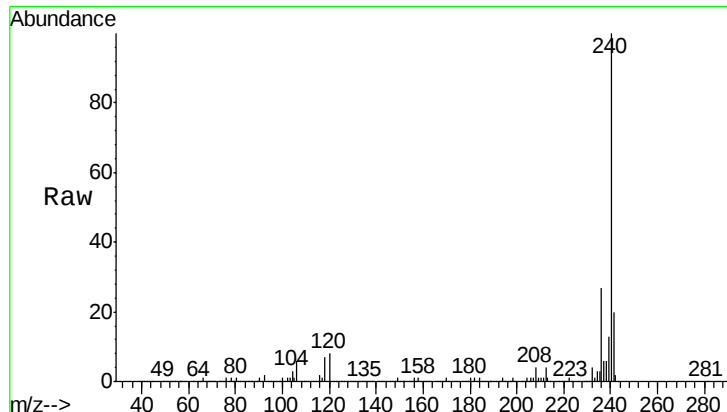
Tgt Ion:188 Resp: 830633
Ion Ratio Lower Upper
188 100
94 12.2 6.1 9.1#
80 14.3 7.0 10.6#



#66
4-Bromophenyl-phenylether
Concen: 2.51 ng
RT: 10.61 min Scan# 746
Delta R.T. -0.31 min
Lab File: BF082945.D
Acq: 16 Nov 2015 18:31

Tgt Ion:248 Resp: 25115
Ion Ratio Lower Upper
248 100
250 202.4 79.4 119.2#
141 509.9 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: BF082945.D

Acq: 16 Nov 2015 18:31

Instrument :

BNA_F

ClientSampleId :

111315-A263-F-U-B

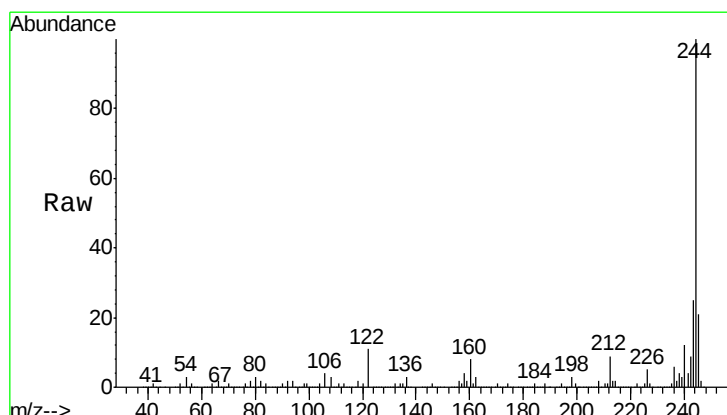
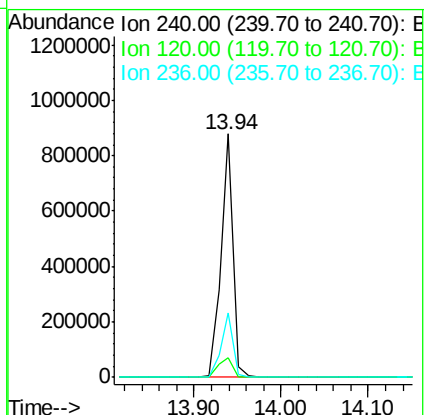
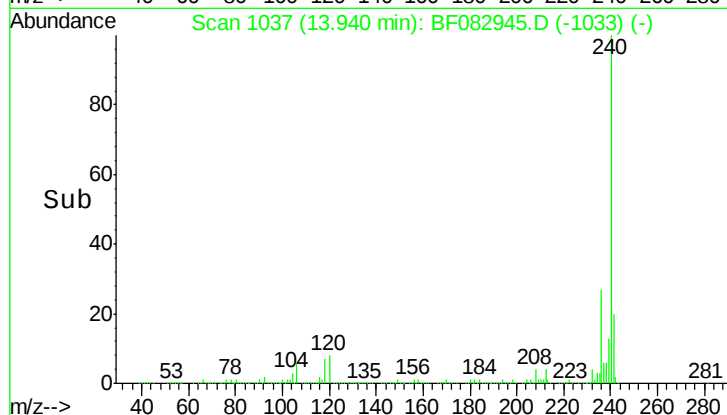
Tgt Ion:240 Resp: 857612

Ion Ratio Lower Upper

240 100

120 8.3 10.9 16.3#

236 26.5 21.6 32.4



#78

Terphenyl-d14

Concen: 65.68 ng

RT: 12.90 min Scan# 946

Delta R.T. -0.07 min

Lab File: BF082945.D

Acq: 16 Nov 2015 18:31

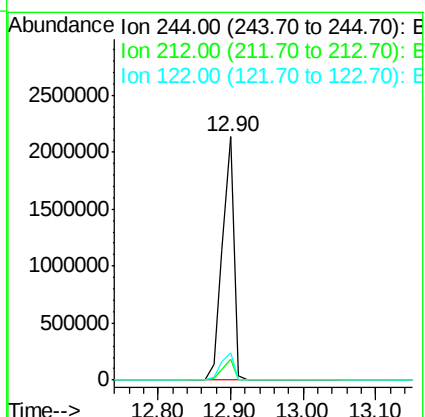
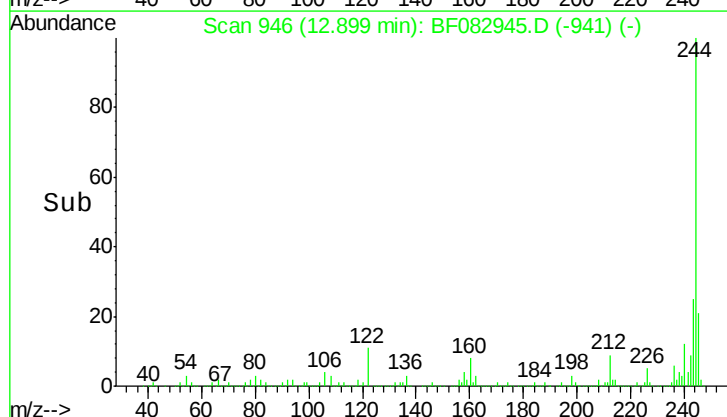
Tgt Ion:244 Resp: 2374880

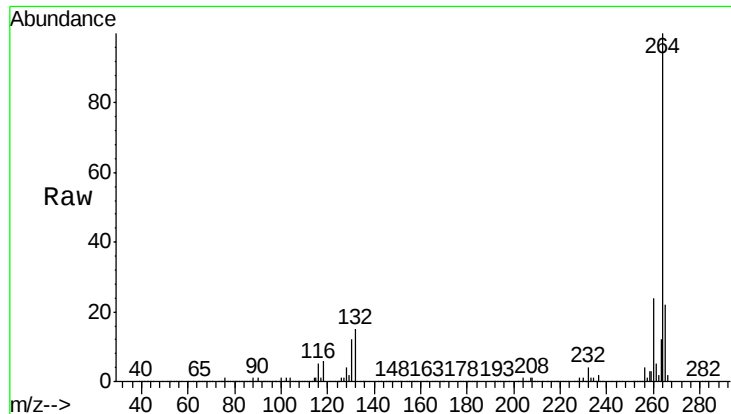
Ion Ratio Lower Upper

244 100

212 8.6 7.6 11.4

122 11.1 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: BF082945.D
 Acq: 16 Nov 2015 18:31

Instrument :
 BNA_F
 ClientSampleId :
 111315-A263-F-U-B

Tgt Ion:264 Resp: 689364
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.8 29.6
 265 22.1 17.4 26.0

