

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082419.D
 Acq On : 21 Oct 2015 22:22
 Operator : UM/IZ
 Sample : G4071-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2

Quant Time: Oct 22 10:50:06 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 21 13:20:24 2015
 Response via : Initial Calibration

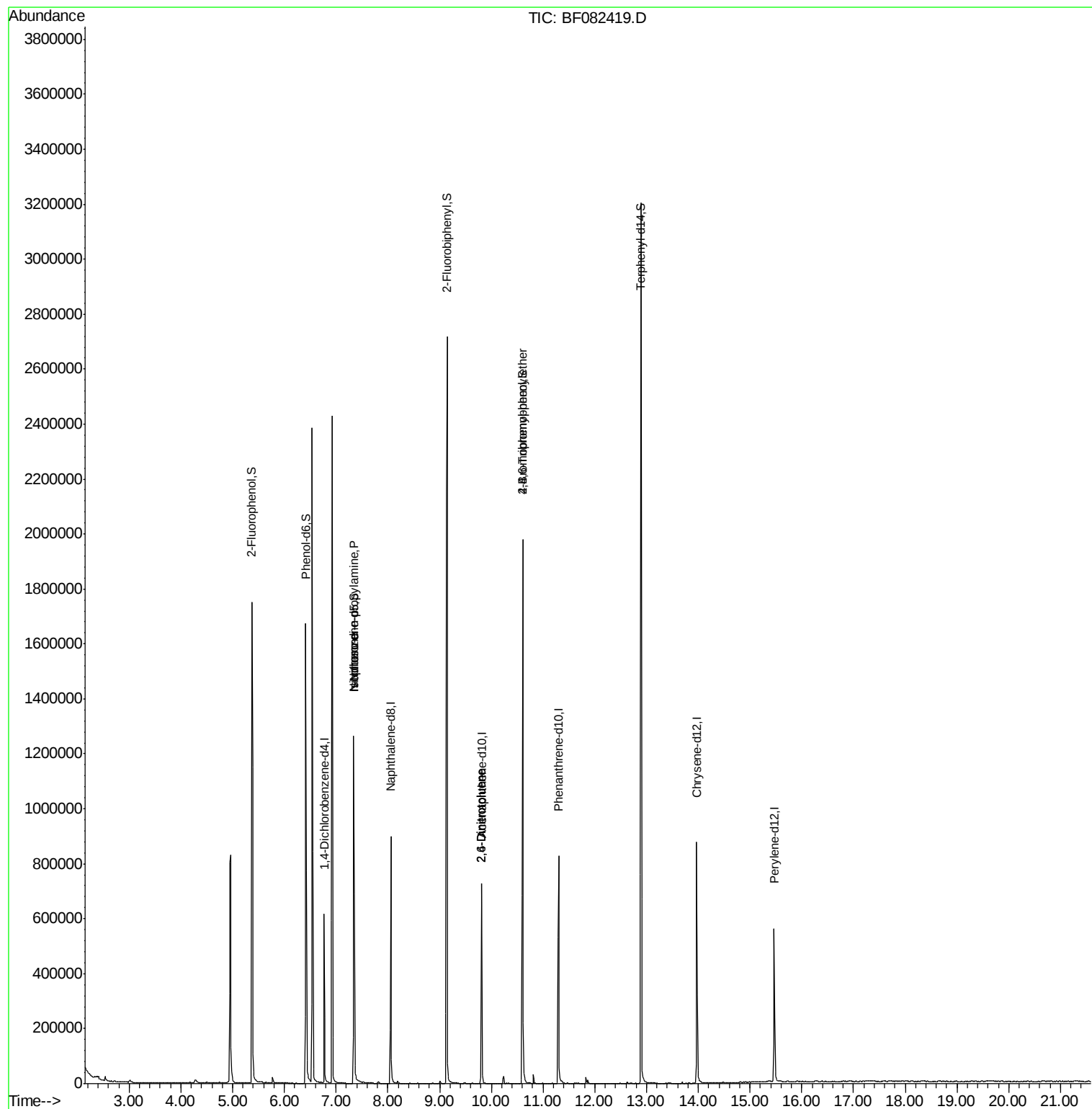
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	114496	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	442047	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	217870	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	439581	20.00	ng	0.00
75) Chrysene-d12	13.97	240	369742	20.00	ng	-0.05
86) Perylene-d12	15.46	264	267056	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	652179	114.96	ng	0.01
7) Phenol-d6	6.41	99	752486	101.93	ng	-0.01
23) Nitrobenzene-d5	7.34	82	561885	85.36	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	225244	110.24	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1293998	98.50	ng	0.00
78) Terphenyl-d14	12.89	244	1093265	78.35	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	73009	14.08	ng	# 79
25) Isophorone	7.34	82	506285	38.11	ng	# 66
50) 2,6-Dinitrotoluene	9.81	165	27623	8.53	ng	# 30
56) 2,4-Dinitrotoluene	9.81	165	27623	6.83	ng	# 21
66) 4-Bromophenyl-phenylether	10.61	248	18566	4.22	ng	# 1

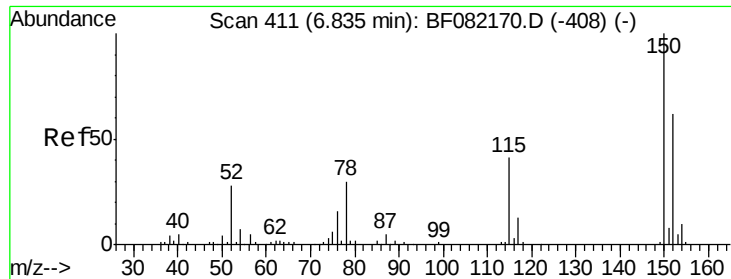
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
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ALS Vial : 21 Sample Multiplier: 1

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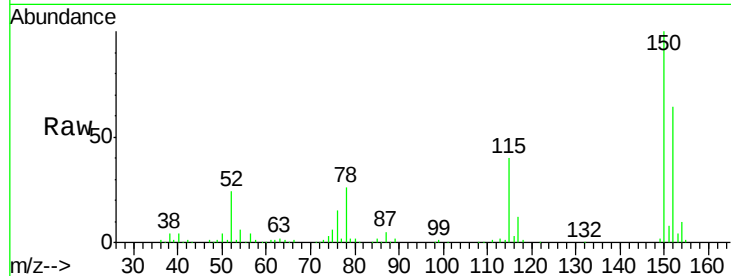


#1

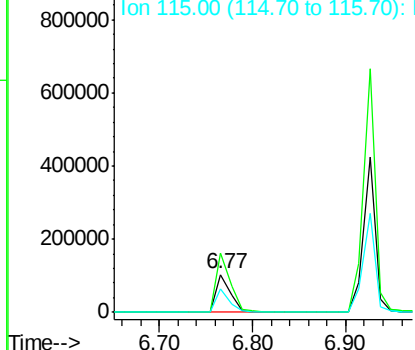
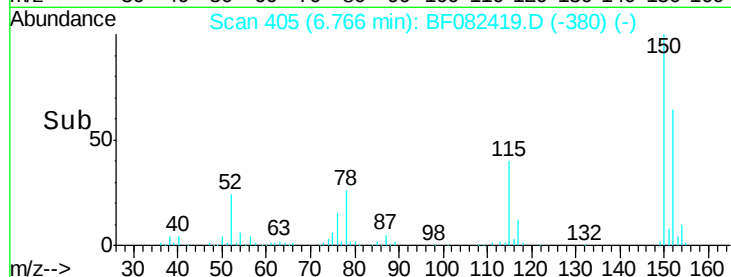
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082419.D
Acq: 21 Oct 2015 22:22

Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2

Tot Ion:152 Resp: 114496
Ion Ratio Lower Upper
152 100
150 157.3 129.0 193.4
115 62.6 52.1 78.1



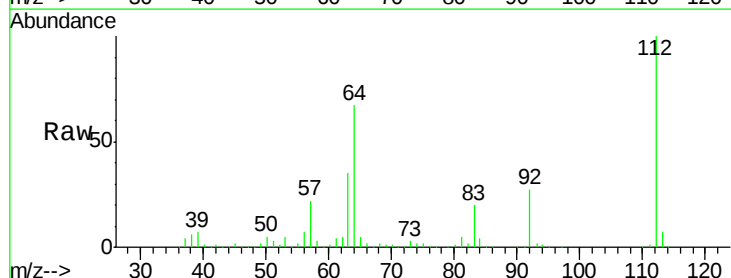
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



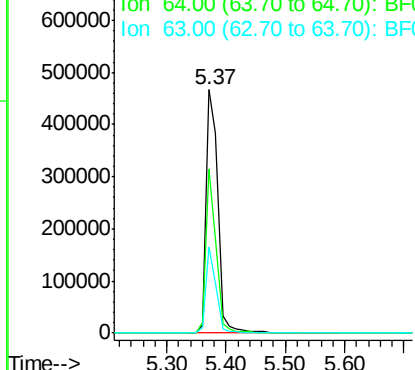
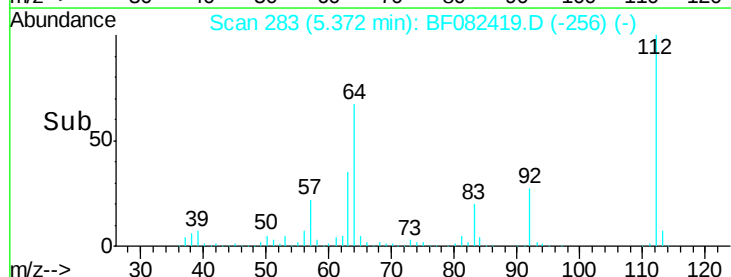
#5

2-Fluorophenol
Concen: 114.96 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082419.D
Acq: 21 Oct 2015 22:22

Tgt Ion:112 Resp: 652179
Ion Ratio Lower Upper
112 100
64 67.4 48.6 73.0
63 35.4 25.1 37.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.93 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082419.D

Acq: 21 Oct 2015 22:22

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2

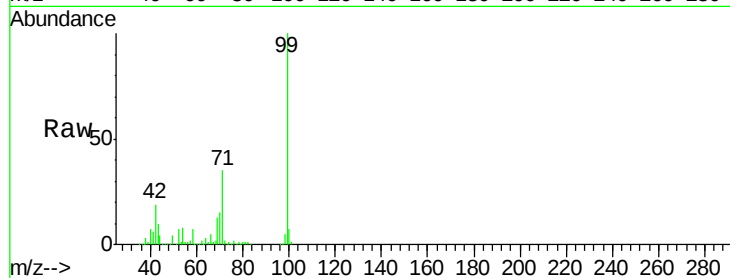
Tot Ion: 99 Resp: 752486

Ion Ratio Lower Upper

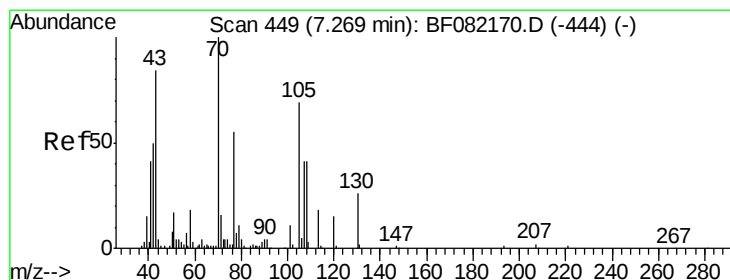
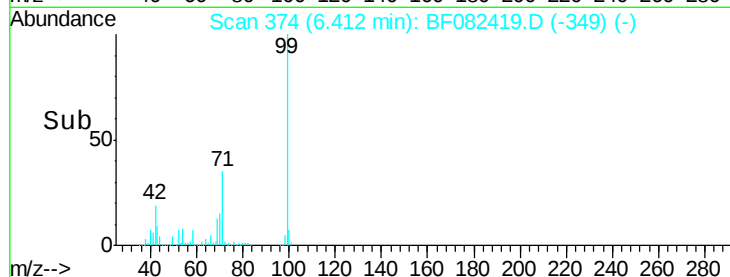
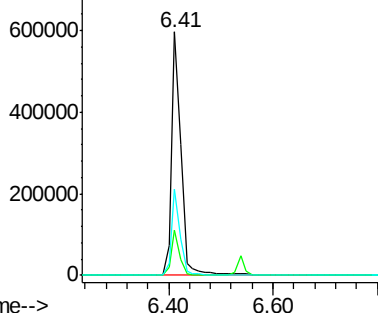
99 100

42 18.8 13.2 19.8

71 35.2 25.6 38.4



Abundance 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



#19

n-Nitroso-di-n-propylamine

Concen: 14.08 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF082419.D

Acq: 21 Oct 2015 22:22

Tgt Ion: 70 Resp: 73009

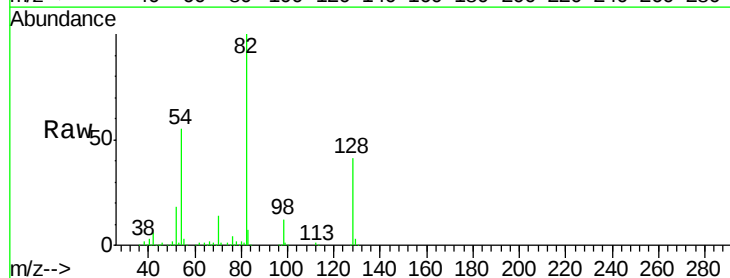
Ion Ratio Lower Upper

70 100

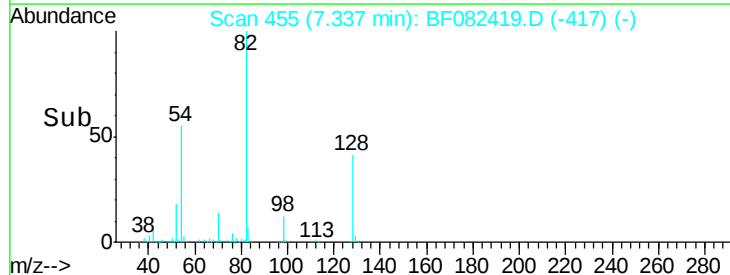
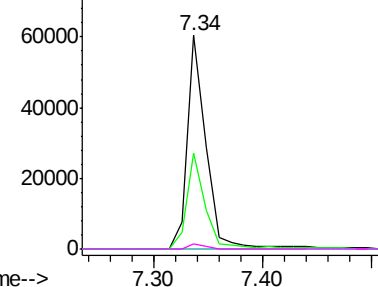
42 45.1 39.8 59.8

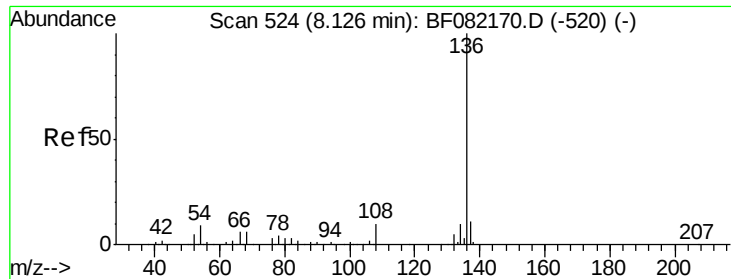
101 0.0 8.6 13.0#

130 2.2 20.5 30.7#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): BF0
Ion 130.00 (129.70 to 130.70): BF0

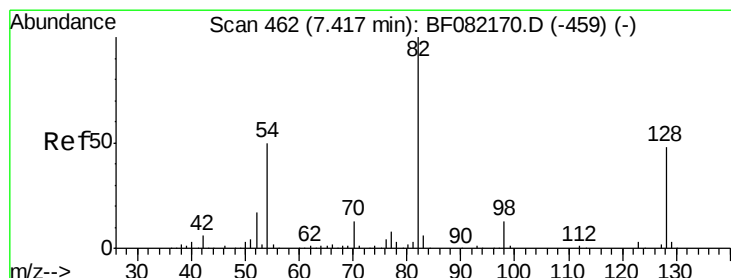
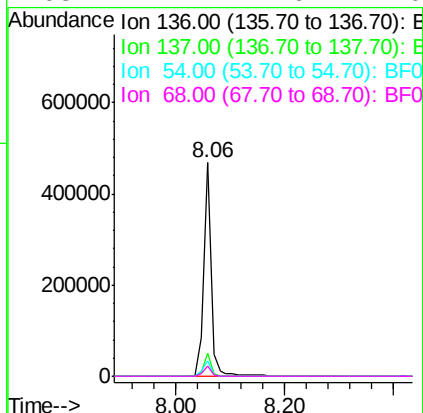
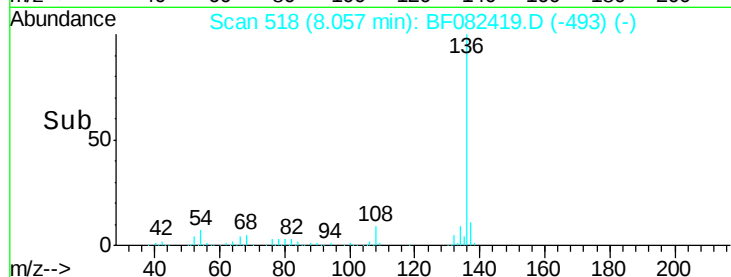
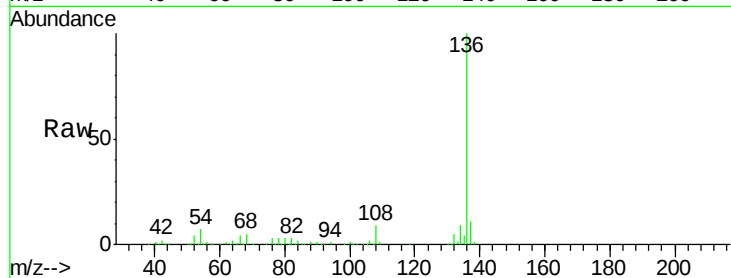




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082419.D
Acq: 21 Oct 2015 22:22

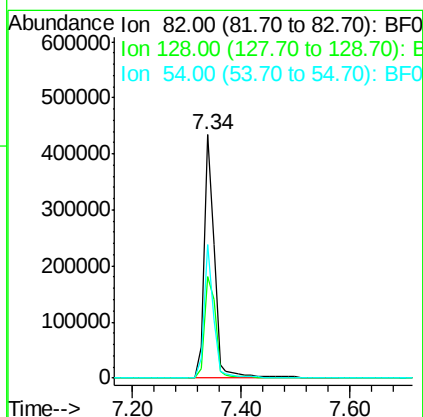
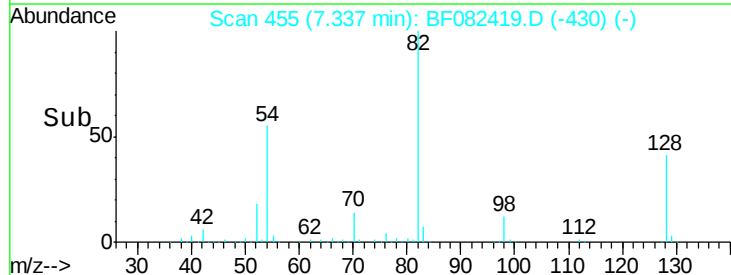
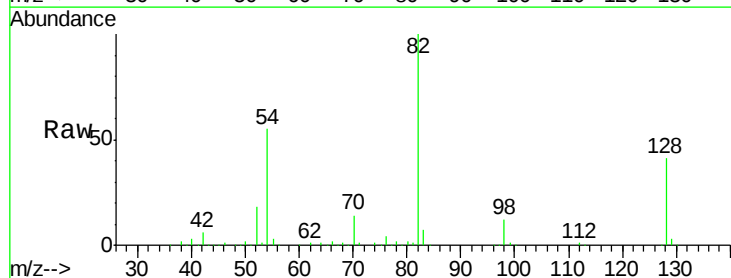
Instrument :
BNA_F
ClientSampleId :
B11-WASTE-CHAR.-2

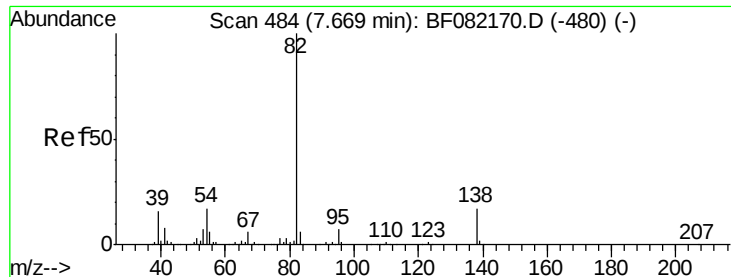
Tot Ion:136	Resp:	442047
Ion Ratio	Lower	Upper
136	100	
137	10.9	9.0 13.6
54	7.2	7.5 11.3#
68	4.7	4.6 7.0



#23
Nitrobenzene-d5
Concen: 85.36 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082419.D
Acq: 21 Oct 2015 22:22

Tgt Ion: 82	Resp:	561885
Ion Ratio	Lower	Upper
82	100	
128	41.5	38.7 58.1
54	54.7	40.1 60.1





#25

Isophorone

Concen: 38.11 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF082419.D

Acq: 21 Oct 2015 22:22

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2

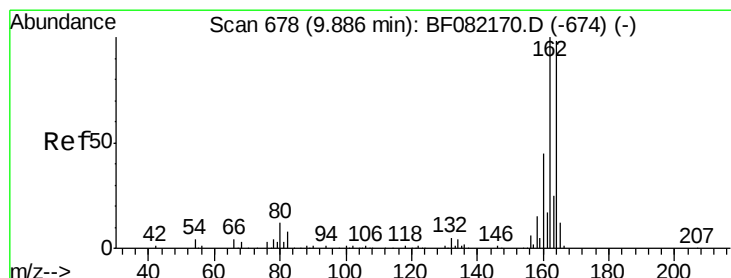
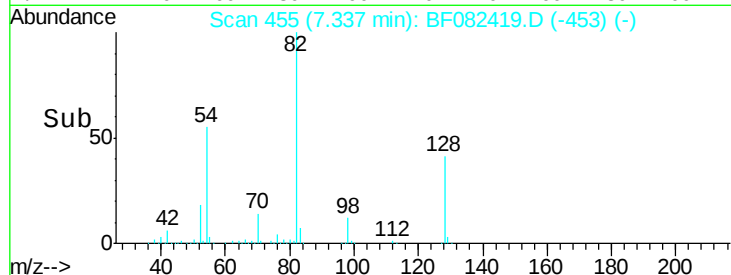
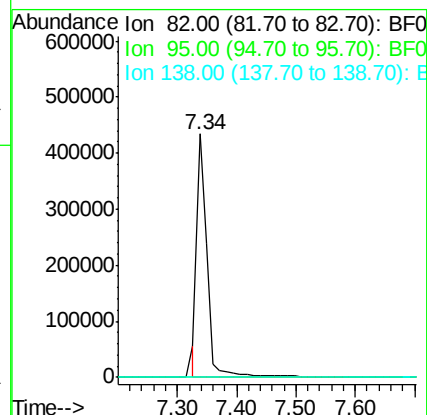
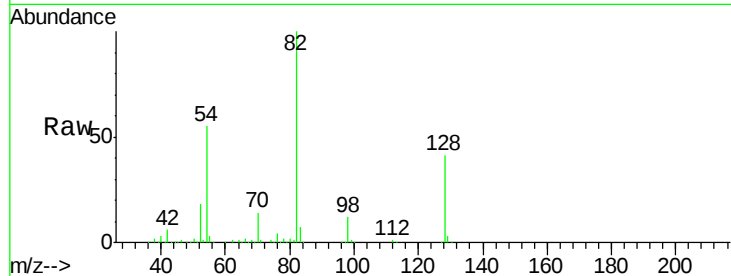
Tot Ion: 82 Resp: 506285

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 13.6 20.4#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.82 min Scan# 672

Delta R.T. -0.00 min

Lab File: BF082419.D

Acq: 21 Oct 2015 22:22

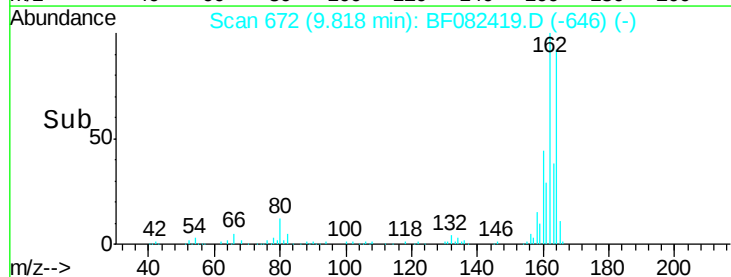
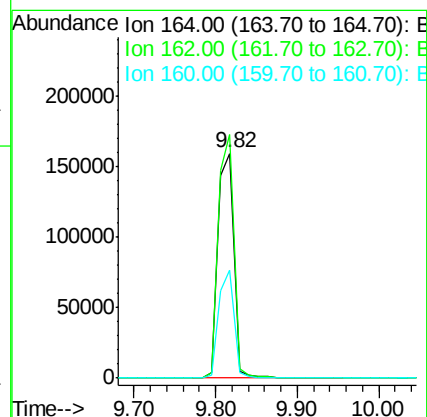
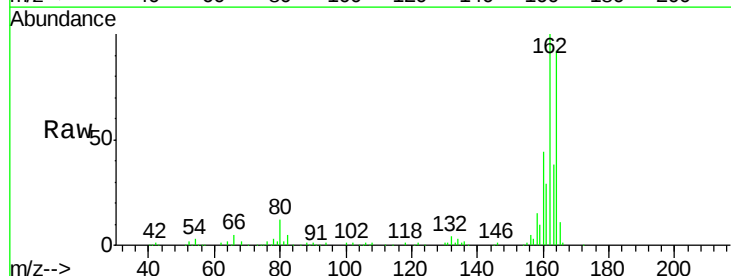
Tgt Ion: 164 Resp: 217870

Ion Ratio Lower Upper

164 100

162 108.4 81.6 122.4

160 47.9 36.4 54.6

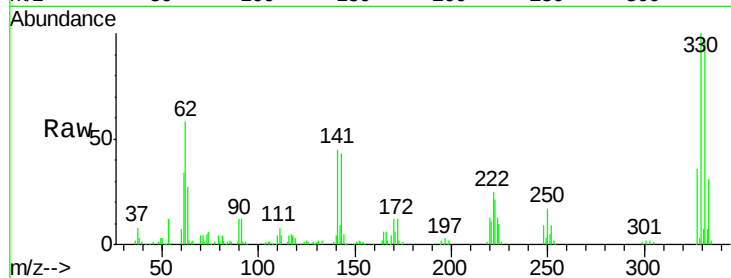




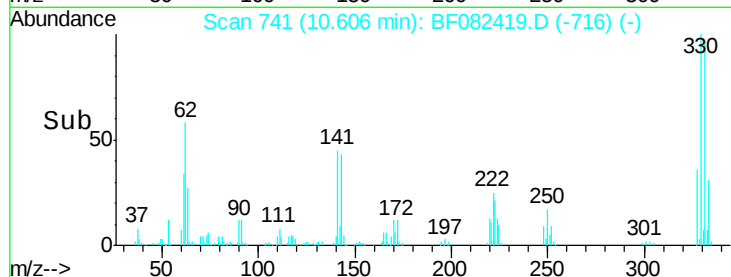
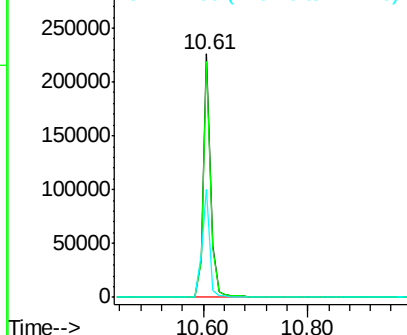
#41
 2,4,6-Tribromophenol
 Concen: 110.24 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082419.D
 Acq: 21 Oct 2015 22:22

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2

Tot Ion:330 Resp: 225244
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.1 115.7
 141 46.8 29.8 44.8#

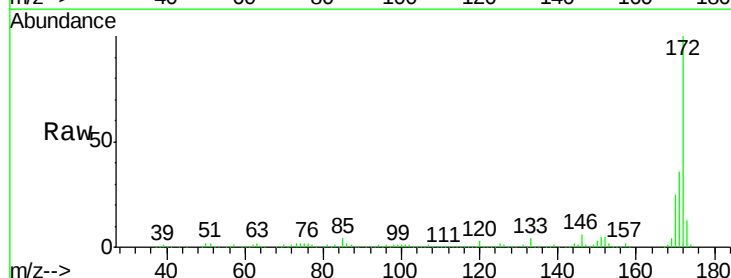


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

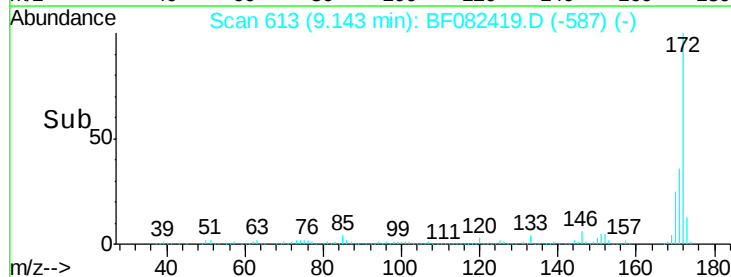
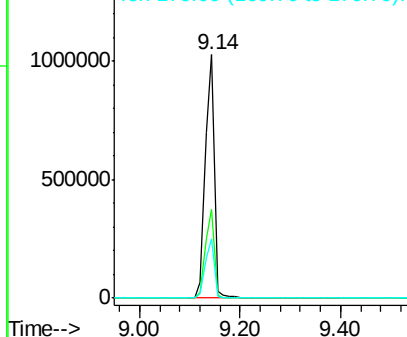


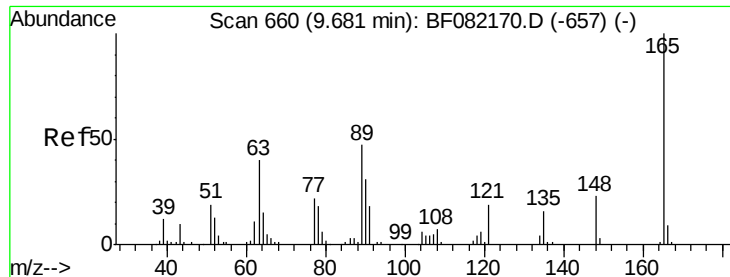
#44
 2-Fluorobiphenyl
 Concen: 98.50 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082419.D
 Acq: 21 Oct 2015 22:22

Tgt Ion:172 Resp: 1293998
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.6 42.8
 170 24.5 19.7 29.5



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

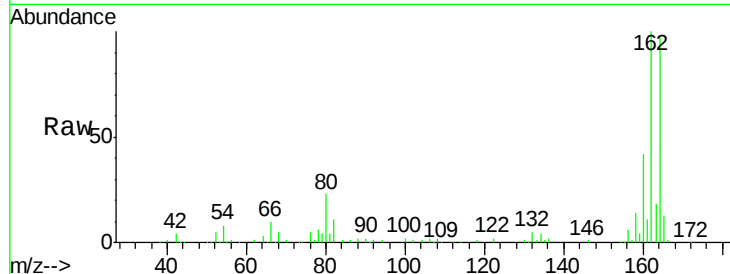




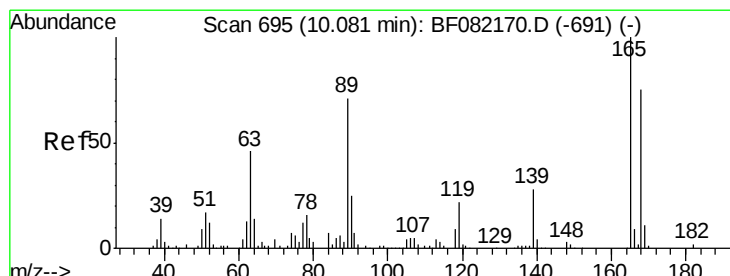
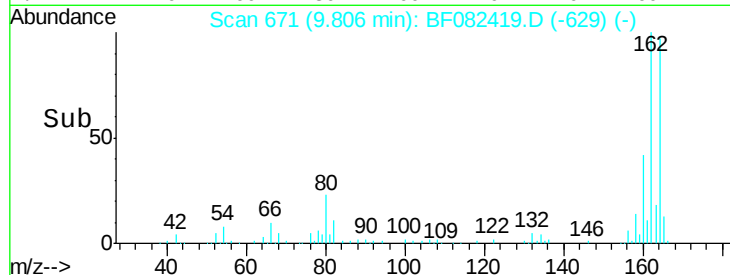
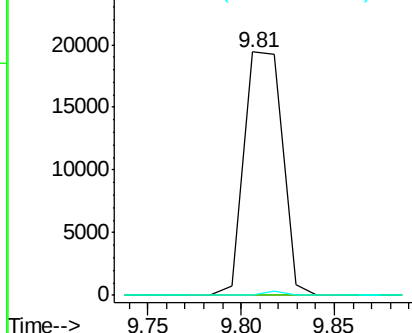
#50
 2,6-Dinitrotoluene
 Concen: 8.53 ng
 RT: 9.81 min Scan# 671
 Delta R.T. 0.18 min
 Lab File: BF082419.D
 Acq: 21 Oct 2015 22:22

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2

Tot Ion:165 Resp: 27623
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.7 55.1#
 89 0.0 37.8 56.6#



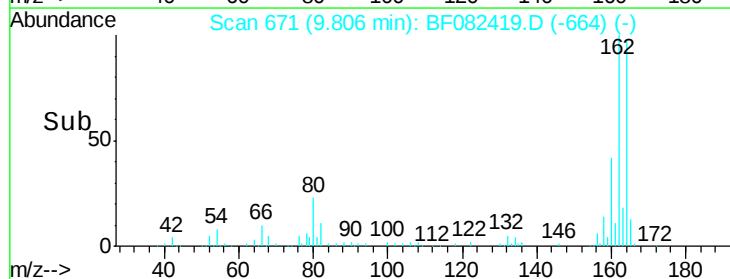
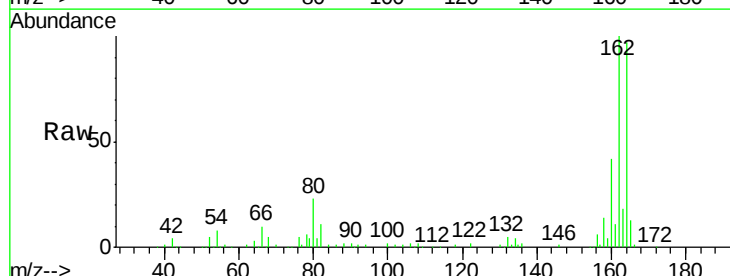
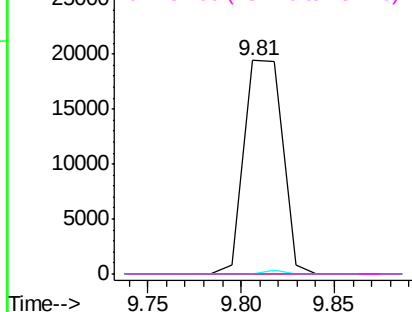
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.83 ng
 RT: 9.81 min Scan# 671
 Delta R.T. -0.22 min
 Lab File: BF082419.D
 Acq: 21 Oct 2015 22:22

Tgt Ion:165 Resp: 27623
 Ion Ratio Lower Upper
 165 100
 63 0.0 38.6 58.0#
 89 0.0 57.0 85.6#
 182 0.0 1.8 2.6#

Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

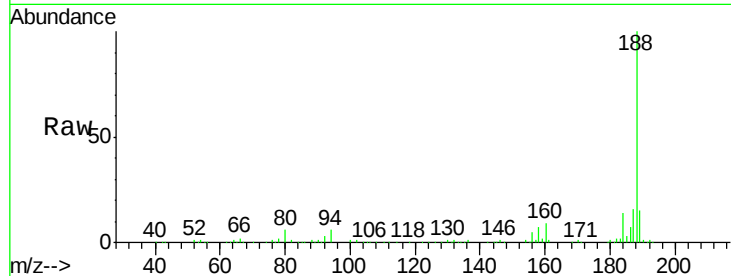




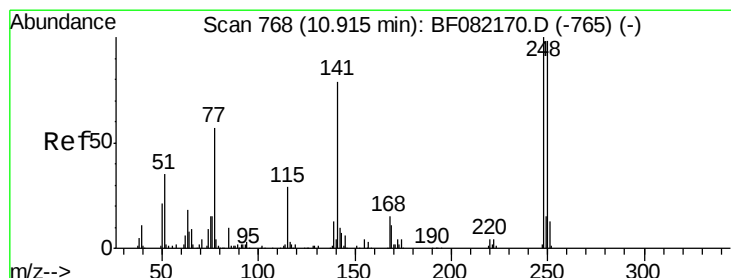
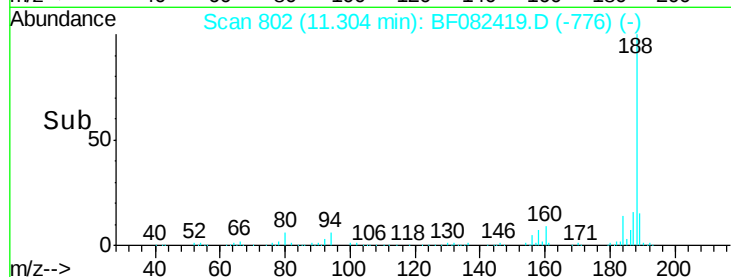
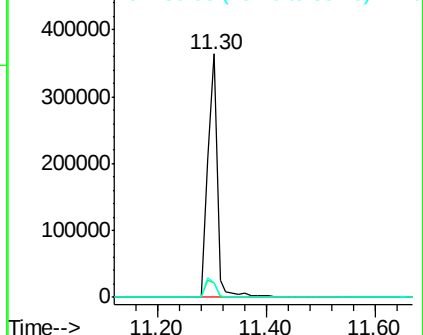
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 802
 Delta R.T. -0.00 min
 Lab File: BF082419.D
 Acq: 21 Oct 2015 22:22

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2

Tot Ion:188 Resp: 439581
 Ion Ratio Lower Upper
 188 100
 94 6.0 5.8 8.6
 80 6.1 6.4 9.6#

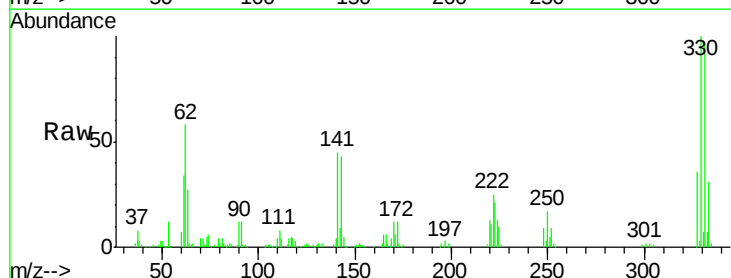


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

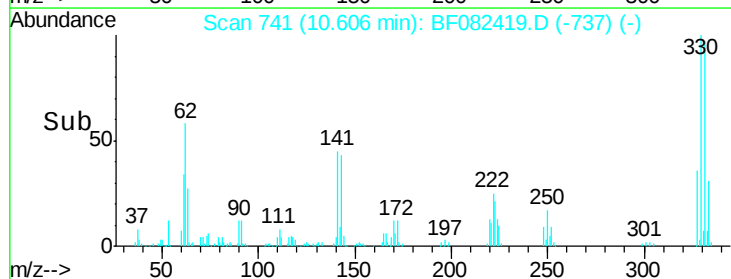
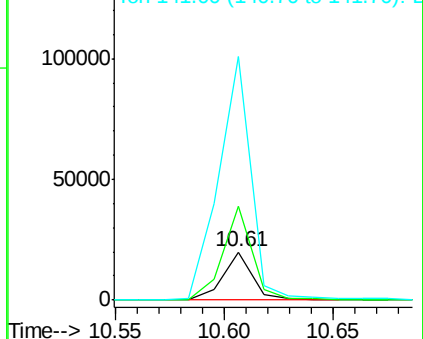


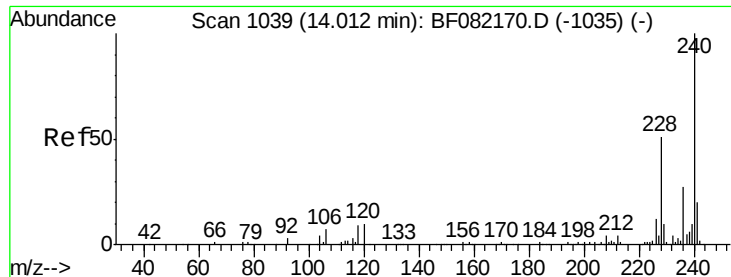
#66
 4-Bromophenyl-phenylether
 Concen: 4.22 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.25 min
 Lab File: BF082419.D
 Acq: 21 Oct 2015 22:22

Tgt Ion:248 Resp: 18566
 Ion Ratio Lower Upper
 248 100
 250 196.6 78.6 117.8#
 141 507.1 63.3 94.9#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1035

Delta R.T. -0.05 min

Lab File: BF082419.D

Acq: 21 Oct 2015 22:22

Instrument :

BNA_F

ClientSampleId :

B11-WASTE-CHAR.-2

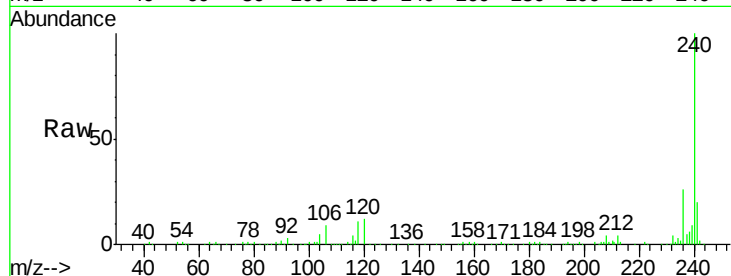
Tot Ion:240 Resp: 369742

Ion Ratio Lower Upper

240 100

120 12.2 8.1 12.1#

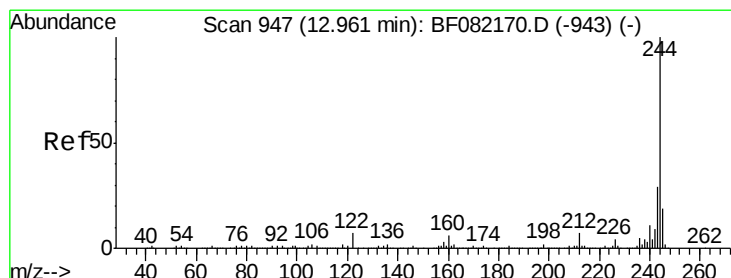
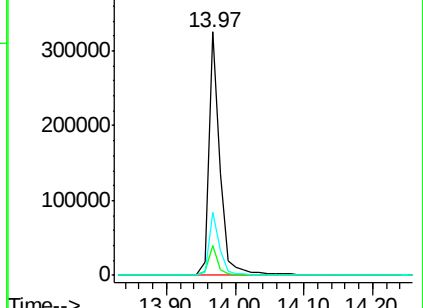
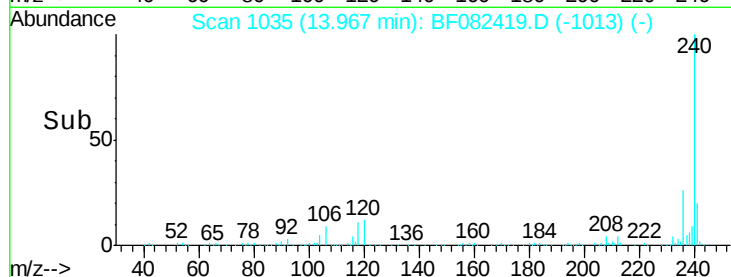
236 25.7 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#78

Terphenyl-d14

Concen: 78.35 ng

RT: 12.89 min Scan# 941

Delta R.T. -0.01 min

Lab File: BF082419.D

Acq: 21 Oct 2015 22:22

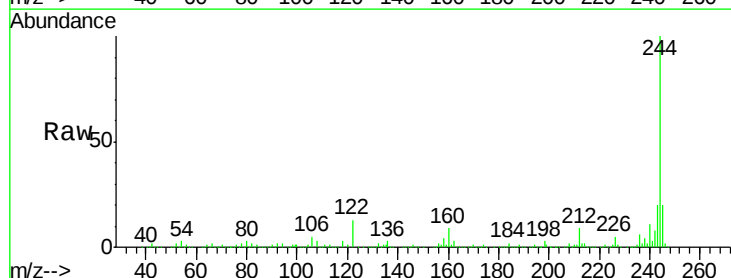
Tgt Ion:244 Resp: 1093265

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.6

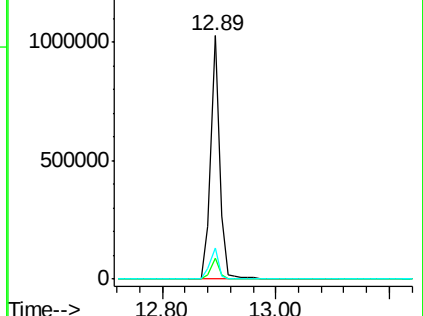
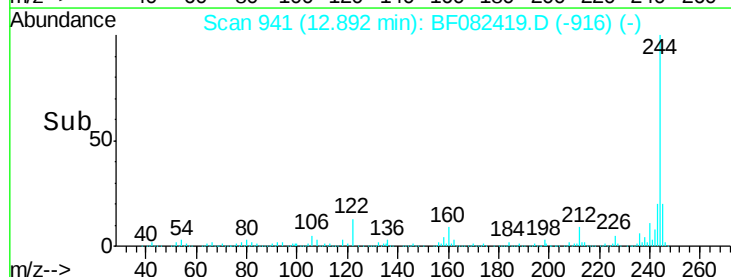
122 13.0 5.9 8.9#

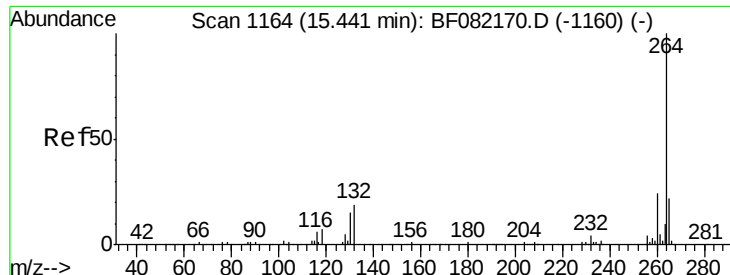


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

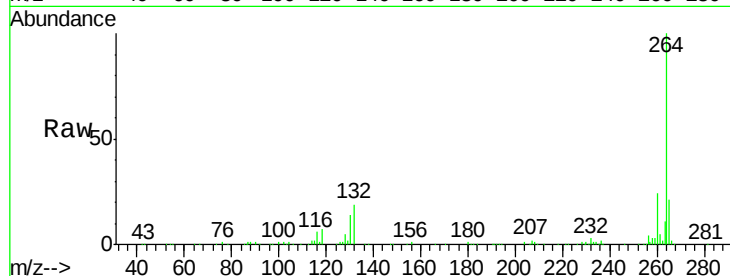




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1166
 Delta R.T. -0.07 min
 Lab File: BF082419.D
 Acq: 21 Oct 2015 22:22

Instrument :
 BNA_F
 ClientSampleId :
 B11-WASTE-CHAR.-2

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.6
265	21.4	17.3	25.9



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

