

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102615\
 Data File : BF082545.D
 Acq On : 27 Oct 2015 12:03
 Operator : UM/IZ
 Sample : G4117-15RE
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

Quant Time: Oct 27 13:49:27 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 27 02:43:58 2015
 Response via : Initial Calibration

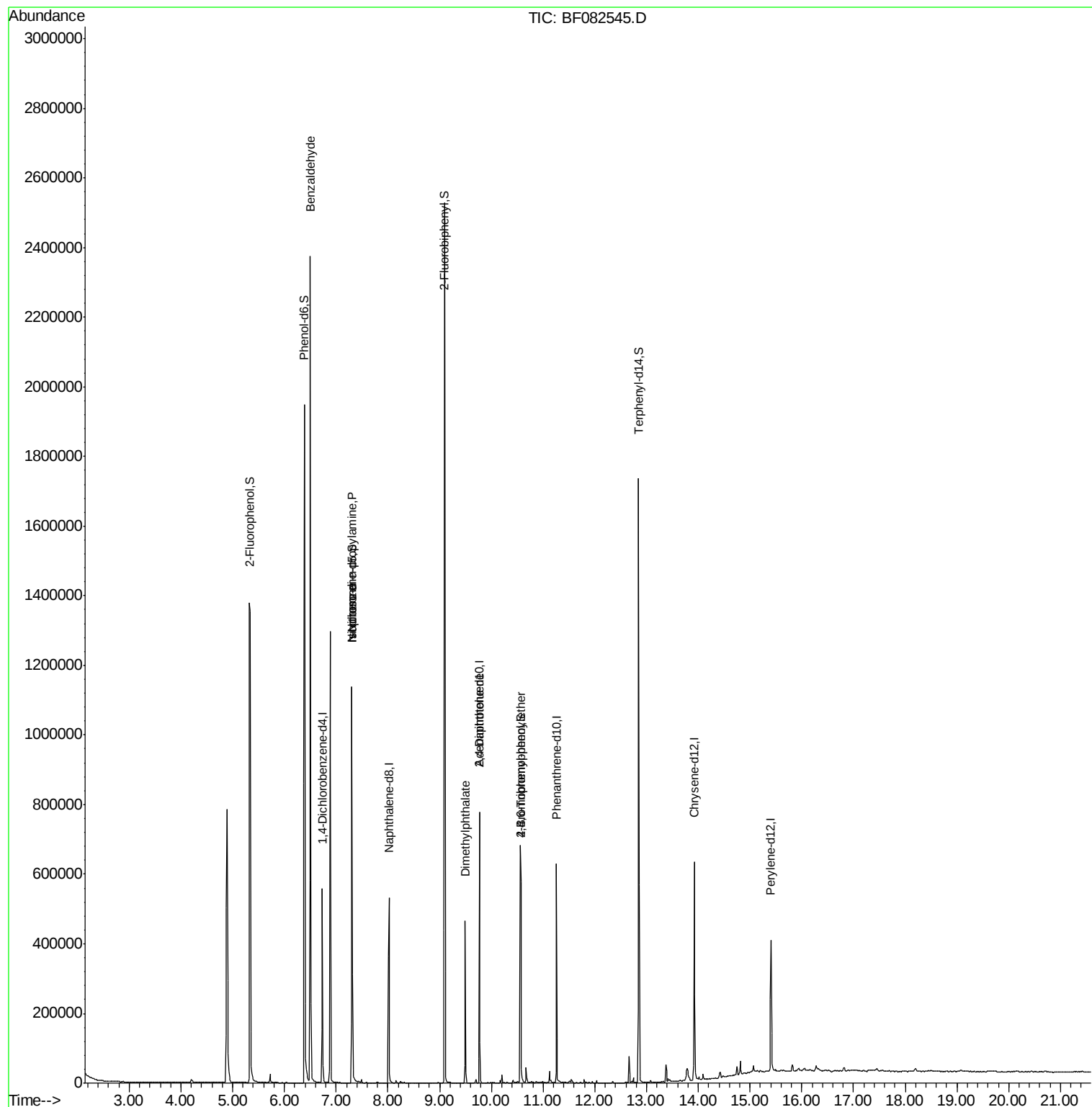
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	96395	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	338086	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	151093	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	239026	20.00	ng	0.00
75) Chrysene-d12	13.92	240	255353	20.00	ng	0.01
86) Perylene-d12	15.41	264	180062	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	612412	125.42	ng	0.02
7) Phenol-d6	6.39	99	790738	124.25	ng	0.01
23) Nitrobenzene-d5	7.30	82	413074	78.82	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	109507	96.79	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	785246	82.64	ng	0.00
78) Terphenyl-d14	12.85	244	597155	67.37	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.50	77	14493	2.90	ng	82
19) n-Nitroso-di-n-propylamine	7.30	70	54103	13.05	ng	# 79
25) Isophorone	7.30	82	364797	35.04	ng	# 64
49) Dimethylphthalate	9.50	163	183669	17.47	ng	100
56) 2,4-Dinitrotoluene	9.77	165	19949	7.14	ng	# 9
66) 4-Bromophenyl-phenylether	10.57	248	7911	3.53	ng	# 1

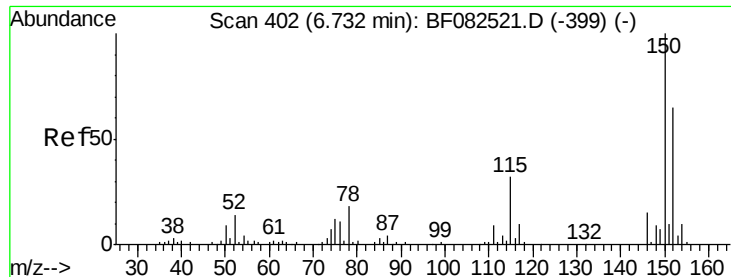
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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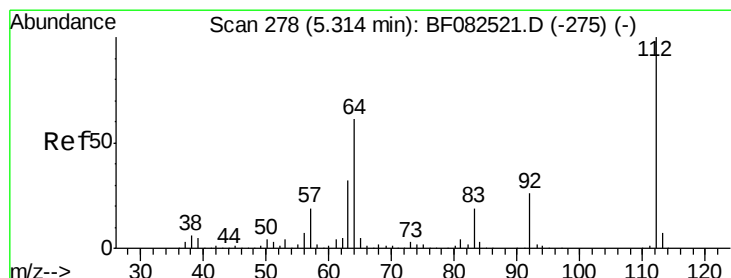
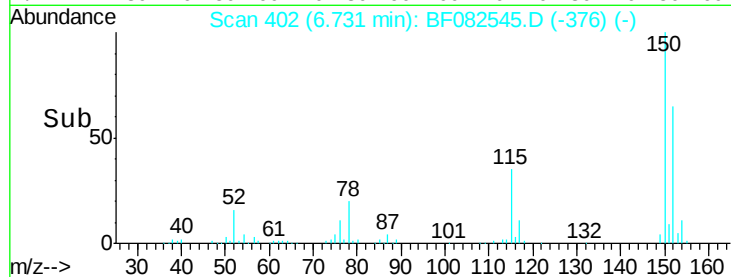
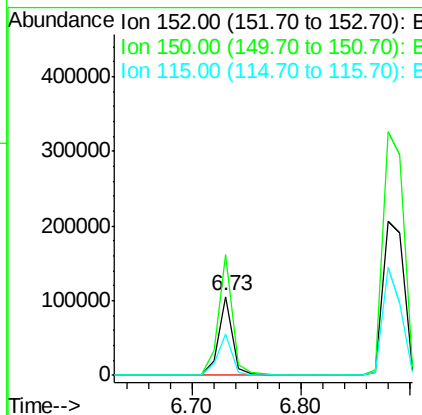
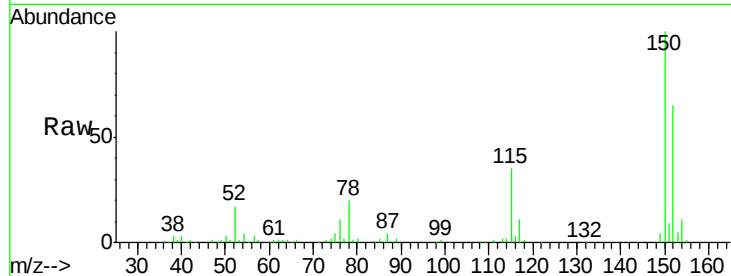


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.73 min Scan# 402
Delta R.T. -0.00 min
Lab File: BF082545.D
Acq: 27 Oct 2015 12:03

Instrument :
BNA_F
ClientSampleId :
COFF-02(0-2)

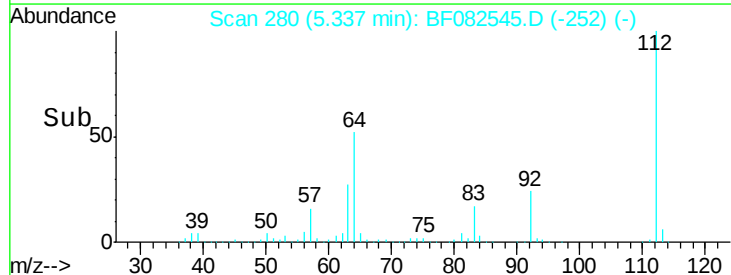
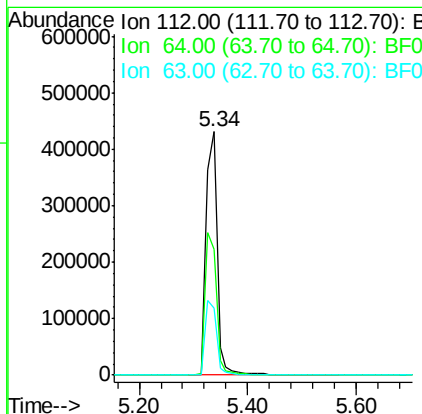
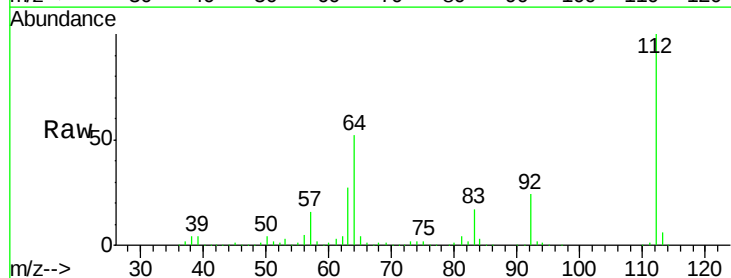
Tgt Ion:152 Resp: 96395
Ion Ratio Lower Upper
152 100
150 153.3 123.4 185.0
115 53.2 39.0 58.4

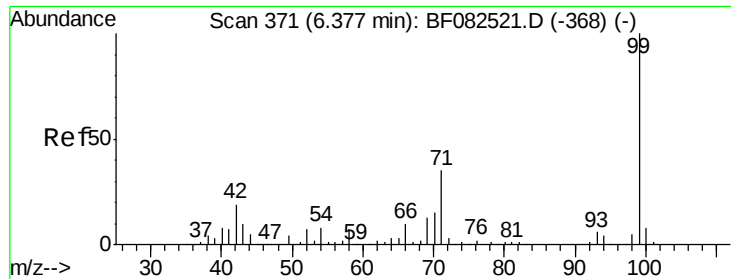


#5

2-Fluorophenol
Concen: 125.42 ng
RT: 5.34 min Scan# 280
Delta R.T. 0.02 min
Lab File: BF082545.D
Acq: 27 Oct 2015 12:03

Tgt Ion:112 Resp: 612412
Ion Ratio Lower Upper
112 100
64 51.9 49.0 73.4
63 27.4 25.8 38.6





#7

Phenol-d6

Concen: 124.25 ng

RT: 6.39 min Scan# 372

Delta R.T. 0.01 min

Lab File: BF082545.D

Acq: 27 Oct 2015 12:03

Instrument :

BNA_F

ClientSampleId :

COFF-02(0-2)

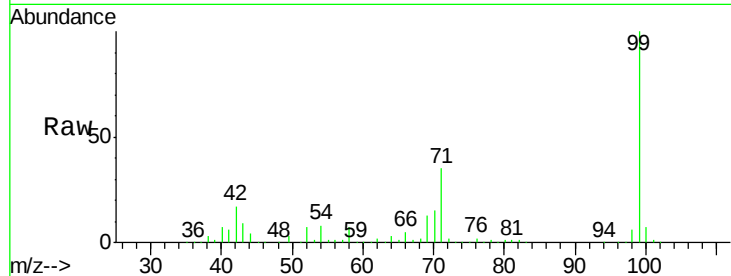
Tgt Ion: 99 Resp: 790738

Ion Ratio Lower Upper

99 100

42 17.4 15.1 22.7

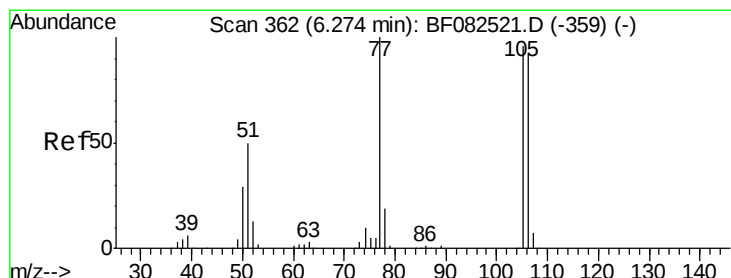
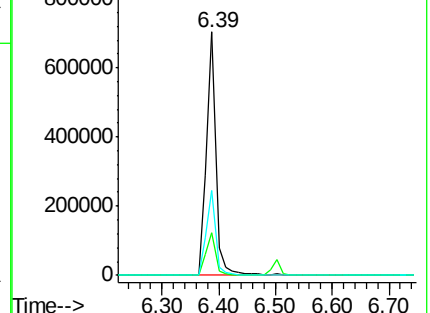
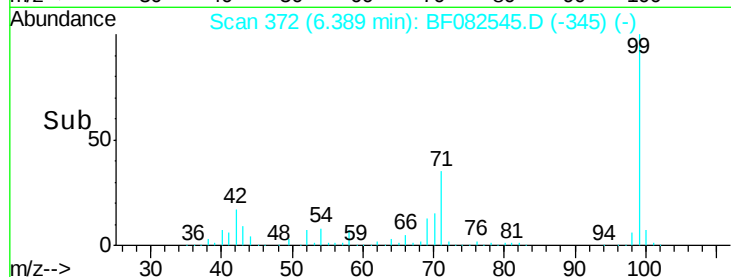
71 34.8 28.2 42.2



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



#9

Benzaldehyde

Concen: 2.90 ng

RT: 6.50 min Scan# 382

Delta R.T. 0.23 min

Lab File: BF082545.D

Acq: 27 Oct 2015 12:03

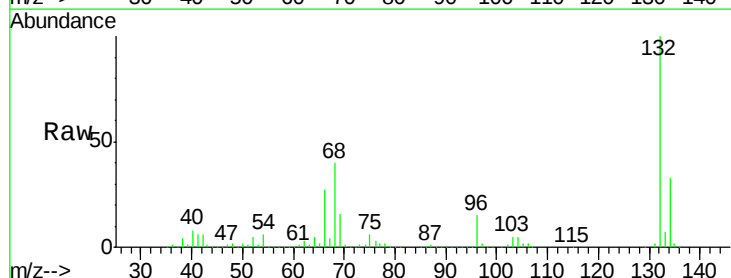
Tgt Ion: 77 Resp: 14493

Ion Ratio Lower Upper

77 100

105 79.2 75.9 115.9

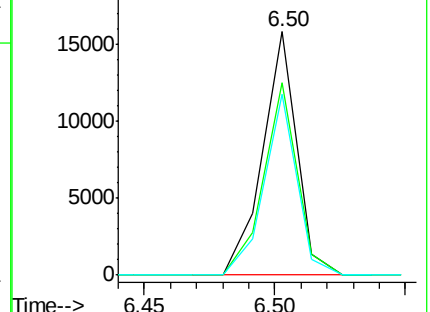
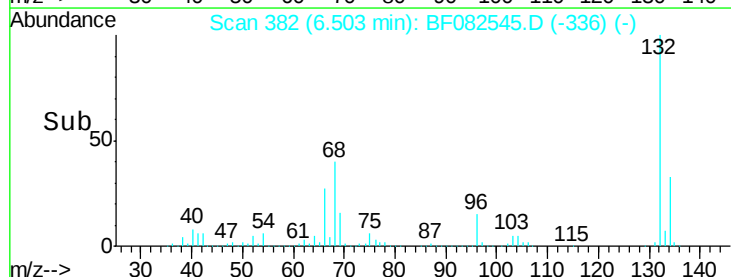
106 74.4 71.8 111.8

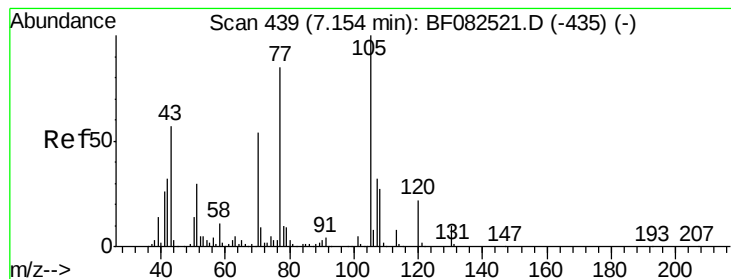


Abundance Ion 77.00 (76.70 to 77.70): BF0

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: 13.05 ng

RT: 7.30 min Scan# 452

Delta R.T. 0.15 min

Lab File: BF082545.D

Acq: 27 Oct 2015 12:03

Instrument :

BNA_F

ClientSampleId :

COFF-02(0-2)

Tgt Ion: 70 Resp: 54103

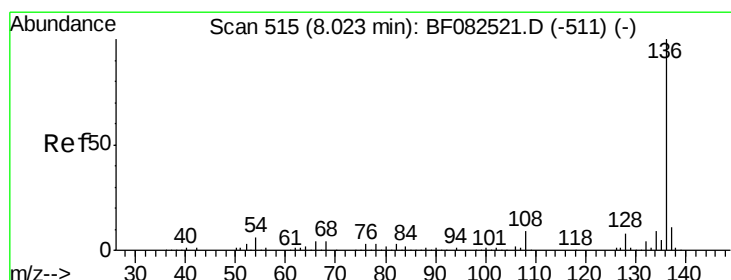
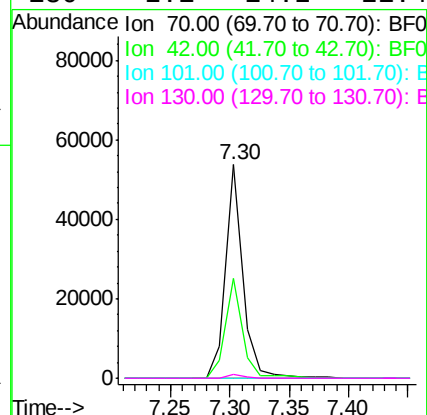
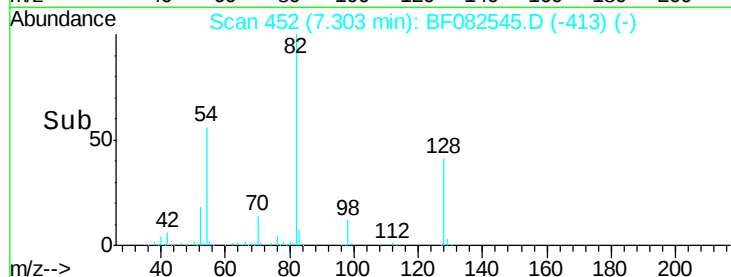
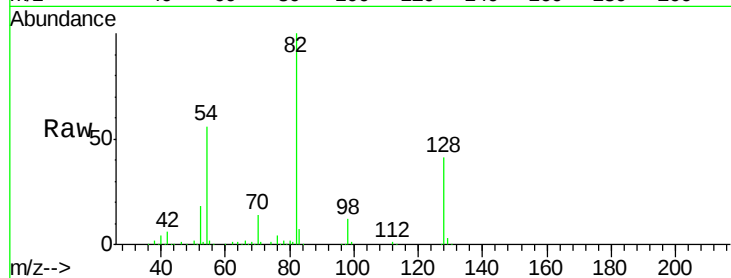
Ion Ratio Lower Upper

70 100

42 46.8 46.9 70.3#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.02 min Scan# 515

Delta R.T. -0.00 min

Lab File: BF082545.D

Acq: 27 Oct 2015 12:03

Tgt Ion: 136 Resp: 338086

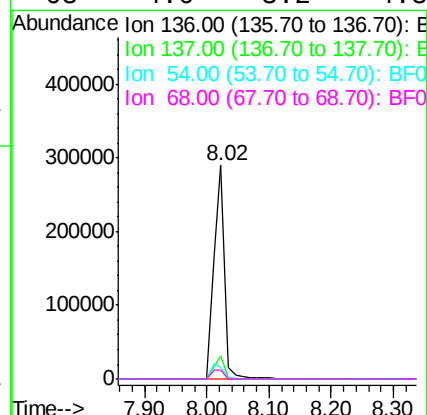
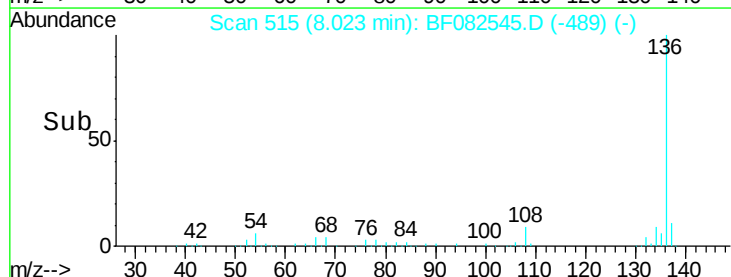
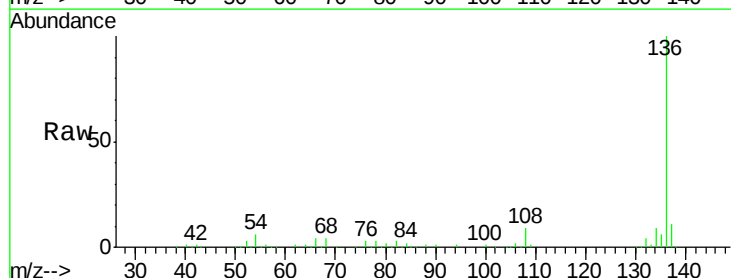
Ion Ratio Lower Upper

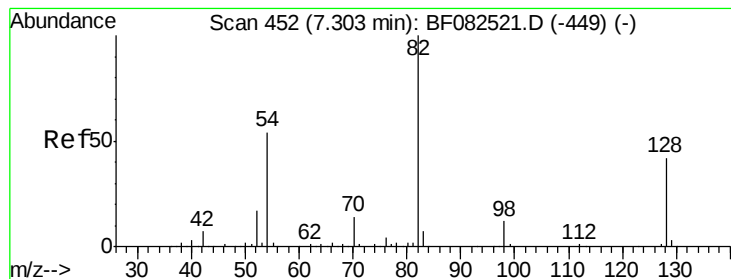
136 100

137 10.6 8.6 13.0

54 5.6 4.6 7.0

68 4.0 3.2 4.8





#23

Nitrobenzene-d5

Concen: 78.82 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF082545.D

Acq: 27 Oct 2015 12:03

Instrument :

BNA_F

ClientSampleId :

COFF-02(0-2)

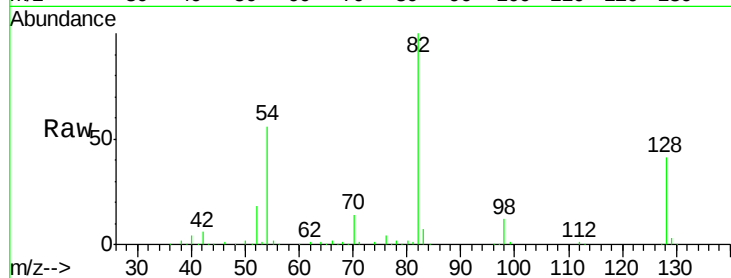
Tgt Ion: 82 Resp: 413074

Ion Ratio Lower Upper

82 100

128 41.3 33.4 50.0

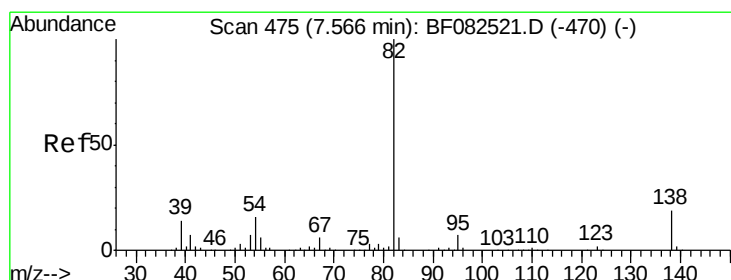
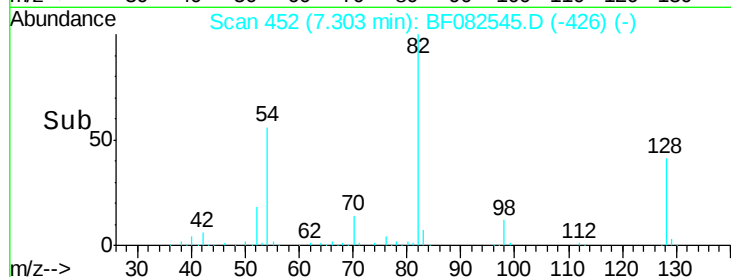
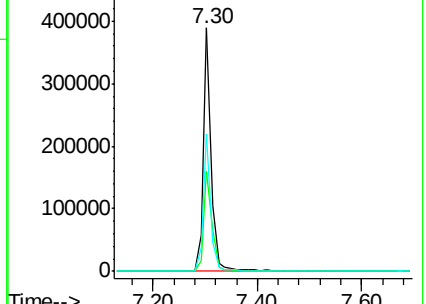
54 56.2 43.5 65.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 35.04 ng

RT: 7.30 min Scan# 452

Delta R.T. -0.26 min

Lab File: BF082545.D

Acq: 27 Oct 2015 12:03

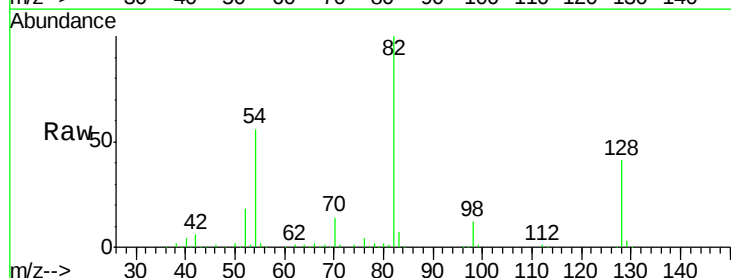
Tgt Ion: 82 Resp: 364797

Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

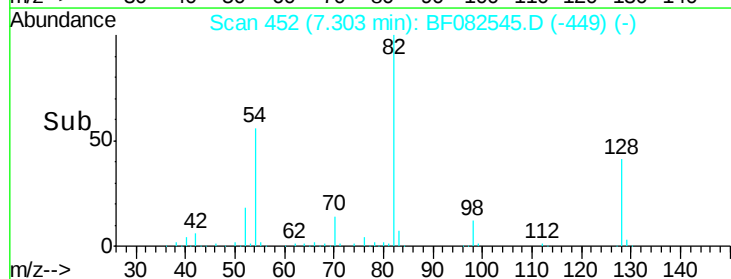
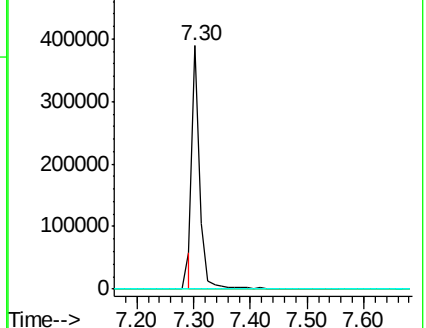
138 0.0 15.0 22.4#

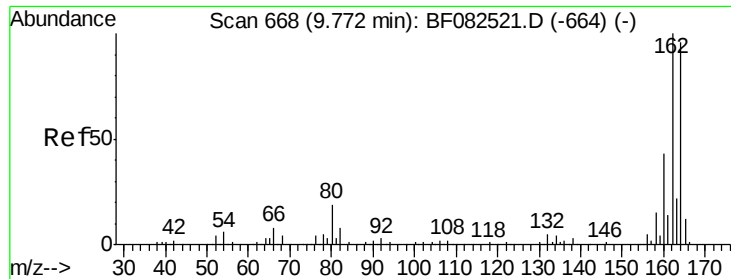


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

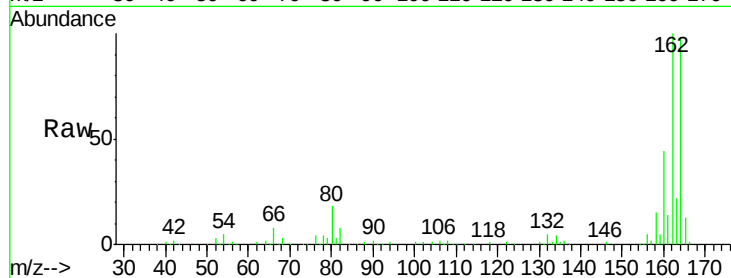




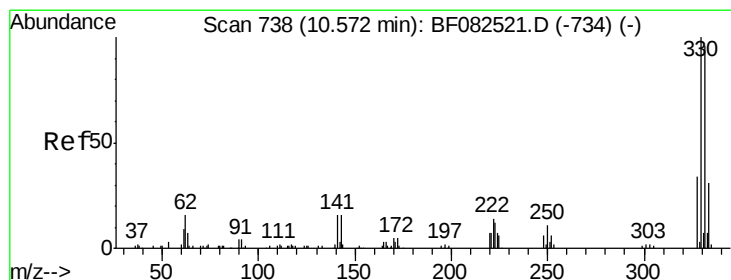
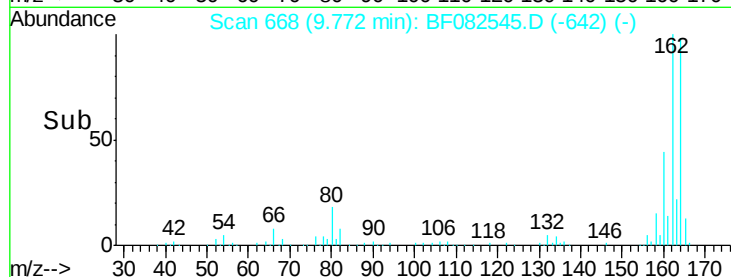
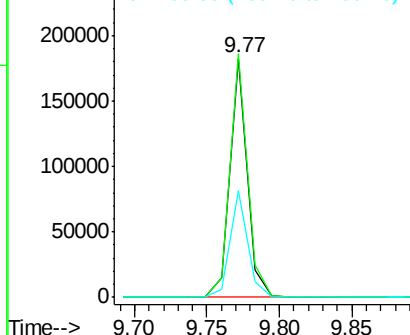
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.77 min Scan# 668
 Delta R.T. -0.00 min
 Lab File: BF082545.D
 Acq: 27 Oct 2015 12:03

Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

Tgt Ion:164 Resp: 151093
 Ion Ratio Lower Upper
 164 100
 162 101.9 83.6 125.4
 160 44.8 36.0 54.0

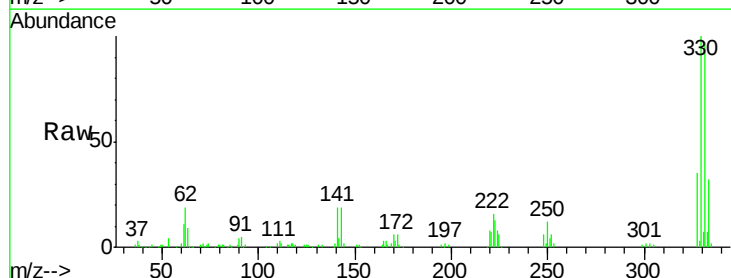


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

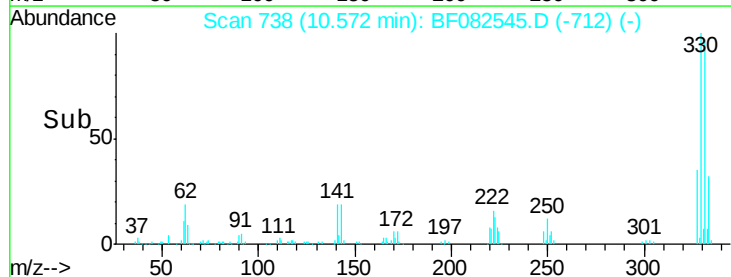
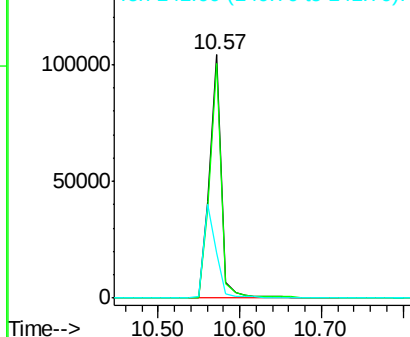


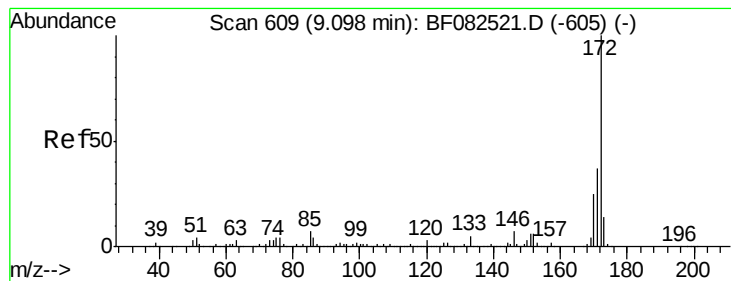
#41
 2,4,6-Tribromophenol
 Concen: 96.79 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.00 min
 Lab File: BF082545.D
 Acq: 27 Oct 2015 12:03

Tgt Ion:330 Resp: 109507
 Ion Ratio Lower Upper
 330 100
 332 95.2 77.4 116.0
 141 40.4 32.5 48.7



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: 82.64 ng

RT: 9.10 min Scan# 609

Delta R.T. -0.00 min

Lab File: BF082545.D

Acq: 27 Oct 2015 12:03

Instrument :

BNA_F

ClientSampleId :

COFF-02(0-2)

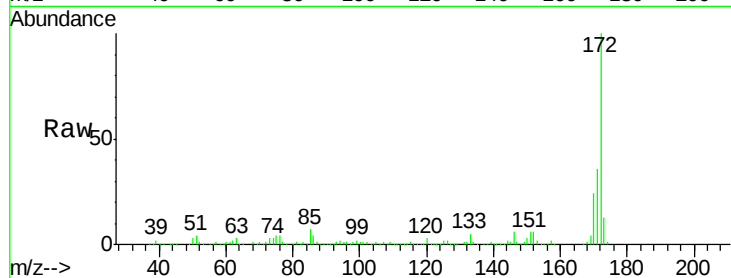
Tgt Ion:172 Resp: 785246

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

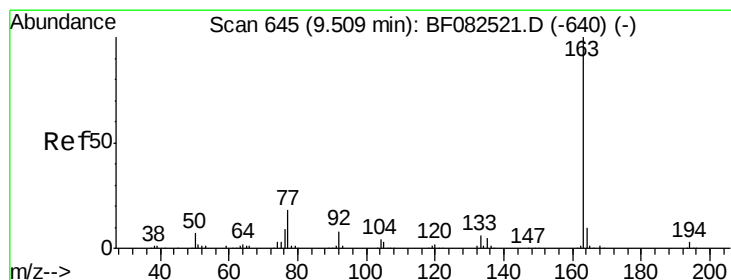
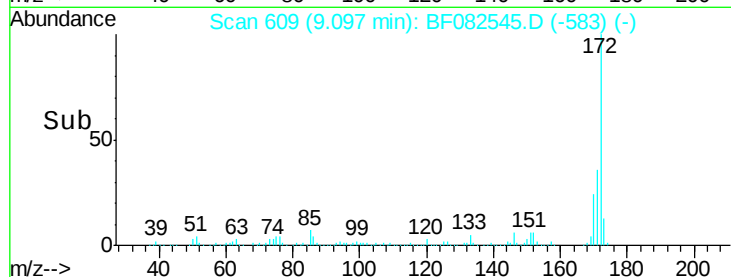
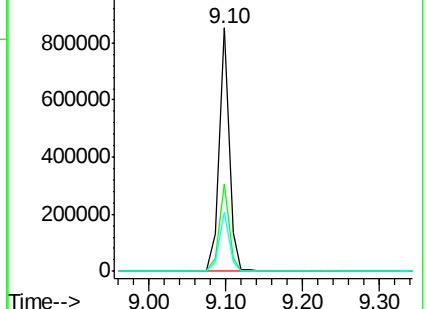
170 24.5 19.8 29.6



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



#49

Dimethylphthalate

Concen: 17.47 ng

RT: 9.50 min Scan# 644

Delta R.T. -0.01 min

Lab File: BF082545.D

Acq: 27 Oct 2015 12:03

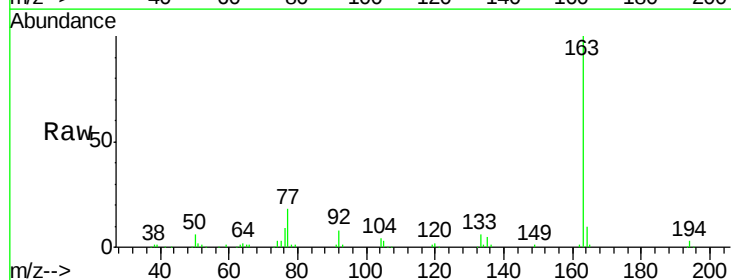
Tgt Ion:163 Resp: 183669

Ion Ratio Lower Upper

163 100

194 3.3 2.8 4.2

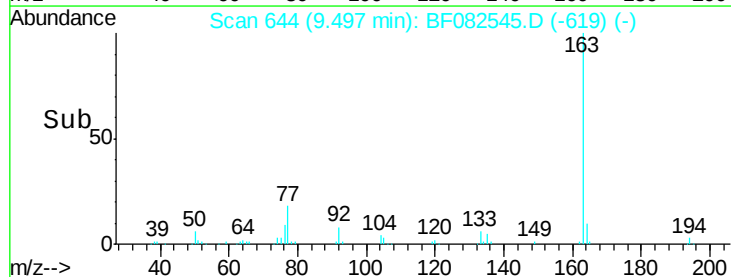
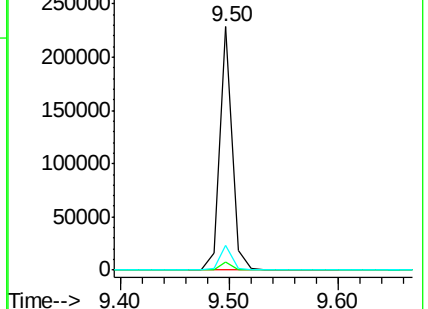
164 10.3 8.2 12.4

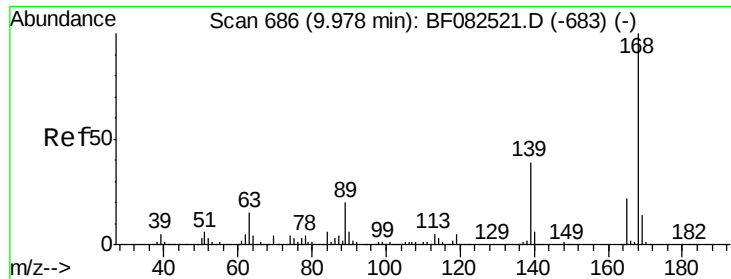


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

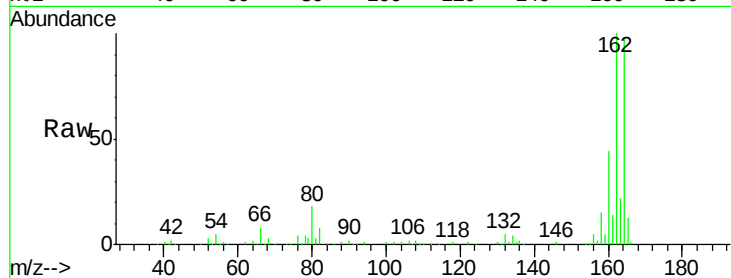




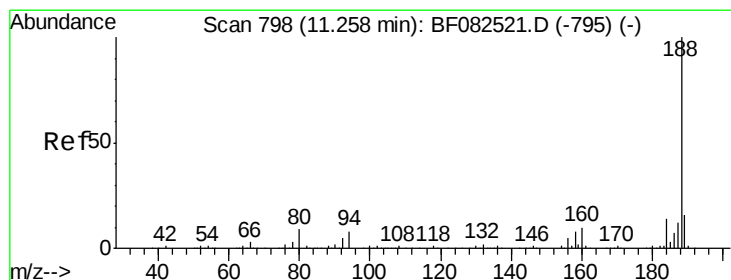
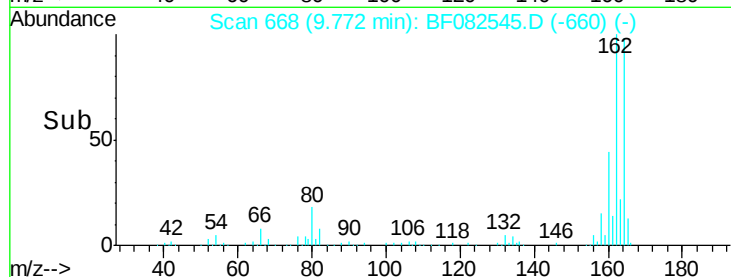
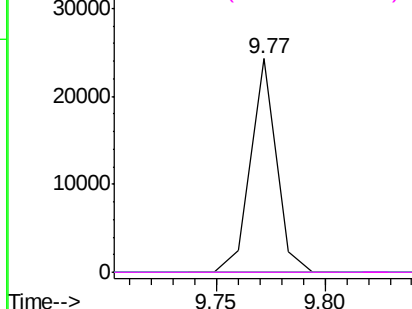
#56
 2,4-Dinitrotoluene
 Concen: 7.14 ng
 RT: 9.77 min Scan# 668
 Delta R.T. -0.21 min
 Lab File: BF082545.D
 Acq: 27 Oct 2015 12:03

Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

Tgt Ion:165 Resp: 19949
 Ion Ratio Lower Upper
 165 100
 63 0.0 58.6 88.0#
 89 0.0 72.3 108.5#
 182 0.0 1.8 2.8#

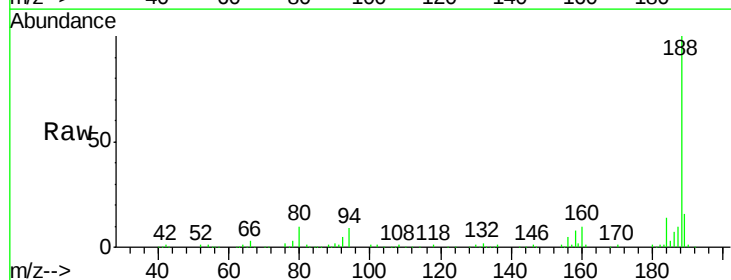


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

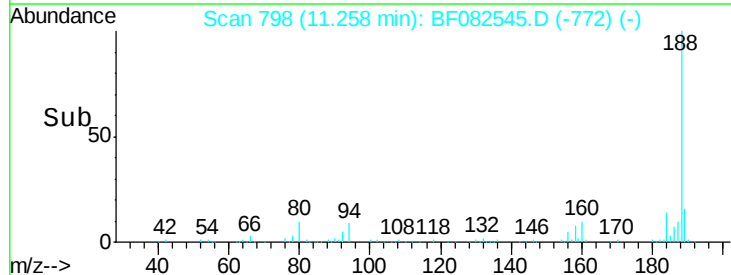
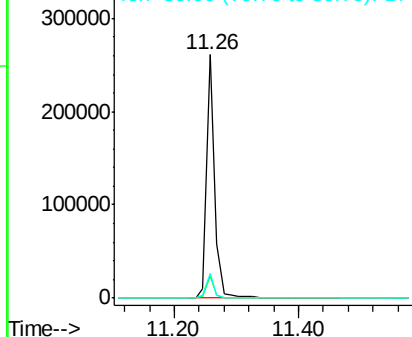


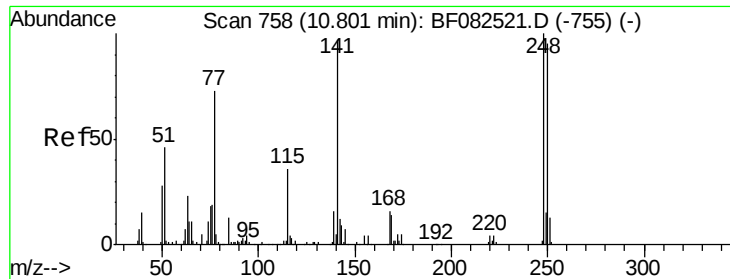
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF082545.D
 Acq: 27 Oct 2015 12:03

Tgt Ion:188 Resp: 239026
 Ion Ratio Lower Upper
 188 100
 94 9.1 6.4 9.6
 80 10.0 7.0 10.6



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

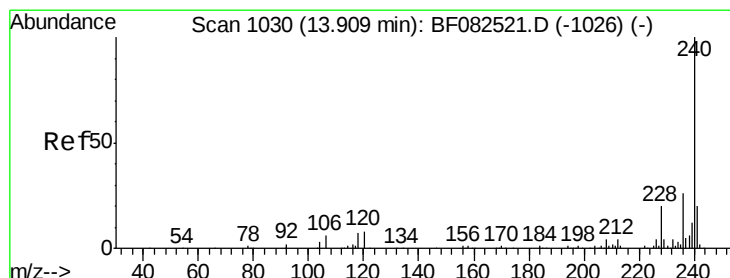
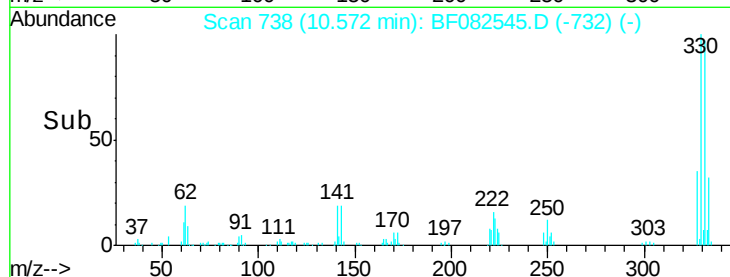
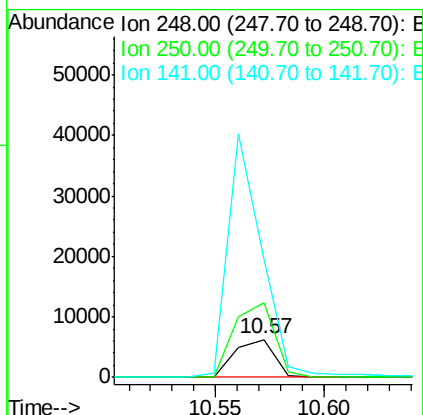
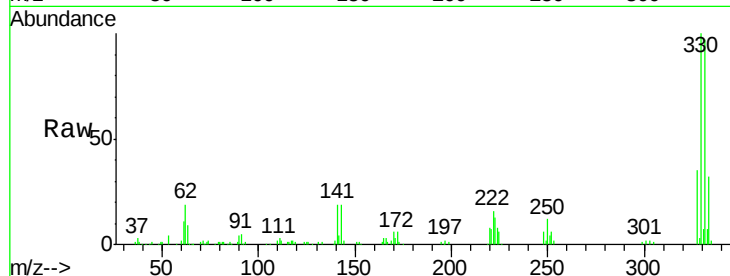




#66
 4-Bromophenyl-phenylether
 Concen: 3.53 ng
 RT: 10.57 min Scan# 738
 Delta R.T. -0.23 min
 Lab File: BF082545.D
 Acq: 27 Oct 2015 12:03

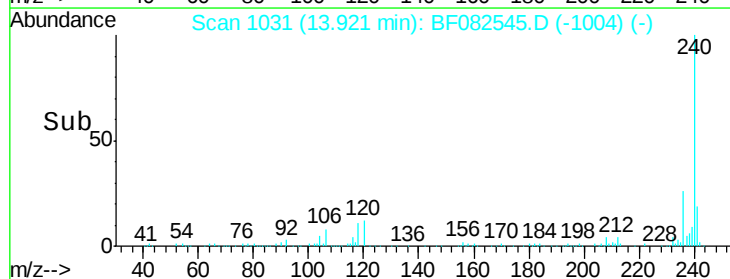
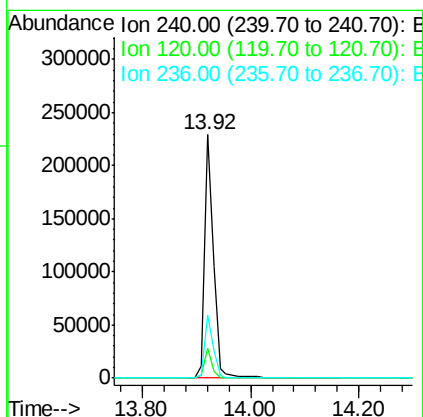
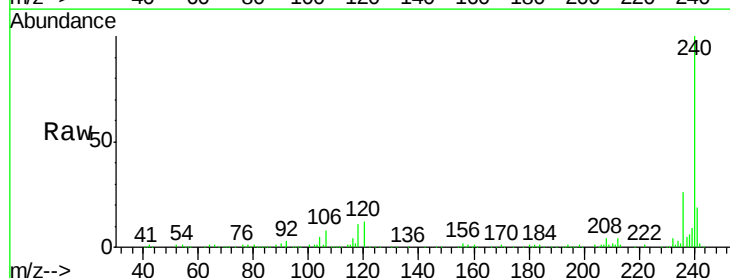
Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

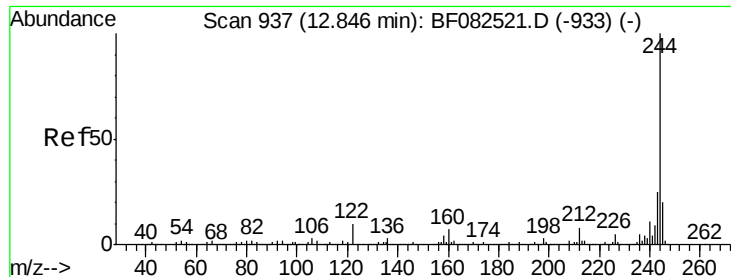
Tgt Ion:248 Resp: 7911
 Ion Ratio Lower Upper
 248 100
 250 198.1 76.0 114.0#
 141 311.1 77.5 116.3#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.92 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: BF082545.D
 Acq: 27 Oct 2015 12:03

Tgt Ion:240 Resp: 255353
 Ion Ratio Lower Upper
 240 100
 120 12.1 6.5 9.7#
 236 26.1 20.5 30.7

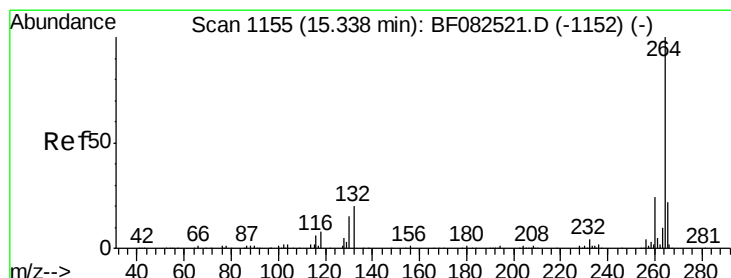
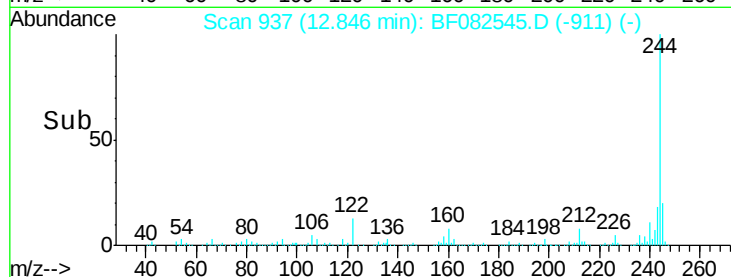
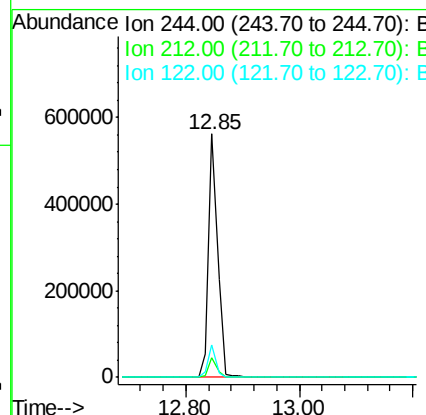
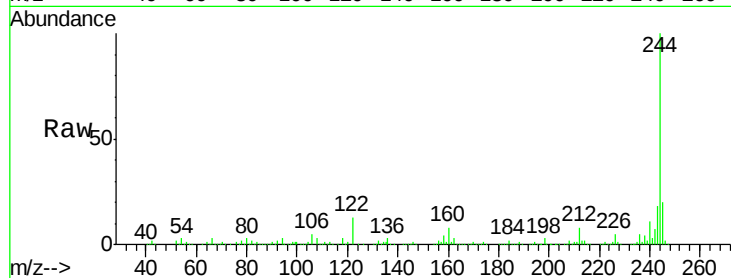




#78
 Terphenyl-d14
 Concen: 67.37 ng
 RT: 12.85 min Scan# 937
 Delta R.T. -0.00 min
 Lab File: BF082545.D
 Acq: 27 Oct 2015 12:03

Instrument :
 BNA_F
 ClientSampleId :
 COFF-02(0-2)

Tgt Ion:244 Resp: 597155
 Ion Ratio Lower Upper
 244 100
 212 8.3 6.4 9.6
 122 13.1 8.1 12.1#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1161
 Delta R.T. 0.07 min
 Lab File: BF082545.D
 Acq: 27 Oct 2015 12:03

Tgt Ion:264 Resp: 180062
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.5 17.8 26.6

