

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
 Data File : BF082417.D
 Acq On : 21 Oct 2015 21:25
 Operator : UM/IZ
 Sample : G4117-15
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

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

Quant Time: Oct 22 10:42:52 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

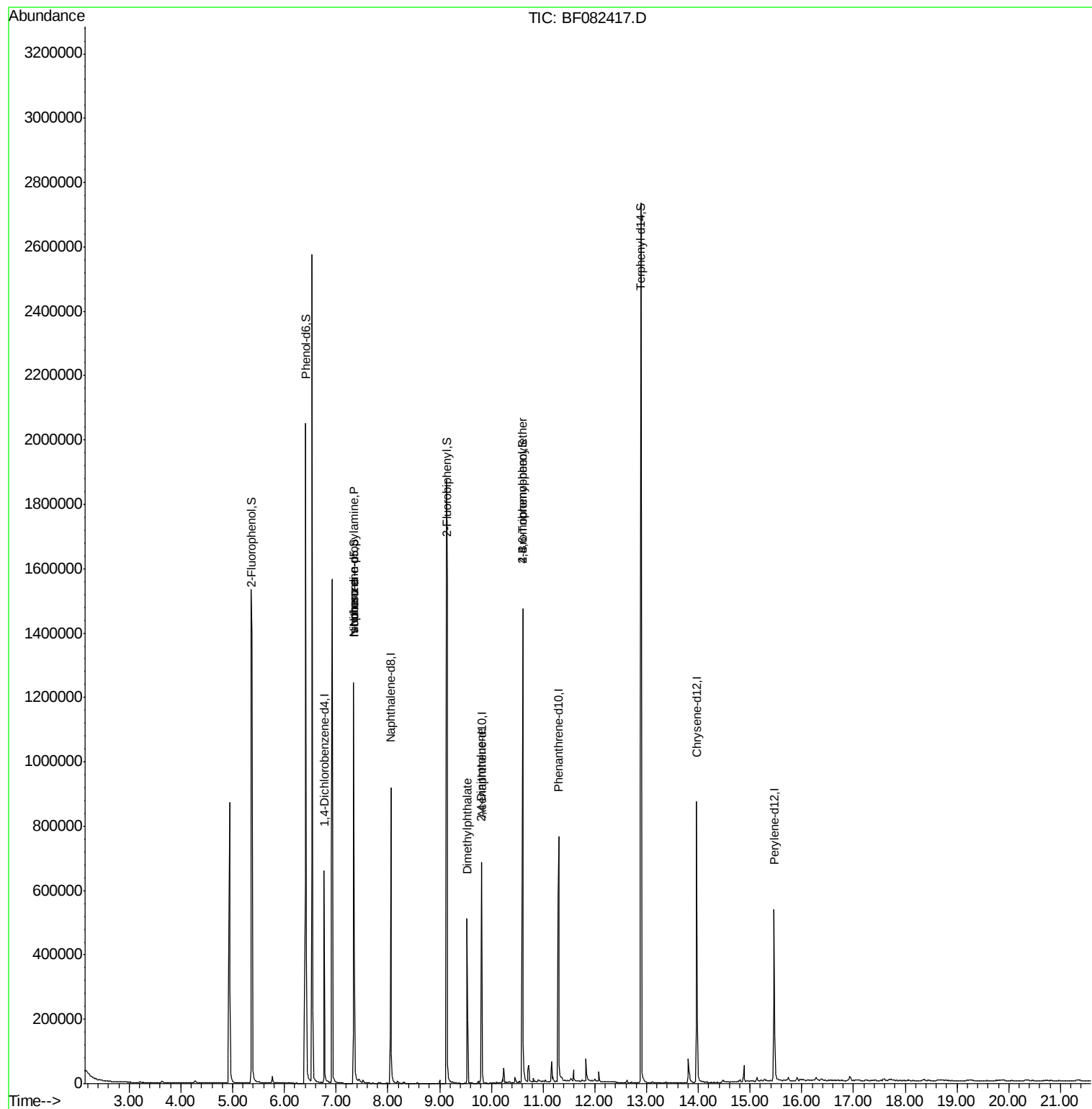
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	110964	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	438437	20.00	ng	-0.01
38) Acenaphthene-d10	9.82	164	216593	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	429534	20.00	ng	0.00
75) Chrysene-d12	13.97	240	363566	20.00	ng	-0.05
86) Perylene-d12	15.46	264	266690	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	657215	119.53	ng	0.01
7) Phenol-d6	6.41	99	814596	113.85	ng	-0.01
23) Nitrobenzene-d5	7.34	82	484155	74.16	ng	-0.01
41) 2,4,6-Tribromophenol	10.61	330	182558	89.88	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	912533	69.87	ng	0.00
78) Terphenyl-d14	12.89	244	913689	66.60	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.34	70	63143	12.57	ng	# 79
25) Isophorone	7.34	82	443293	33.64	ng	# 66
49) Dimethylphthalate	9.53	163	245698	16.11	ng	100
56) 2,4-Dinitrotoluene	9.81	165	27364	6.80	ng	# 22
66) 4-Bromophenyl-phenylether	10.61	248	14211	3.31	ng	# 1

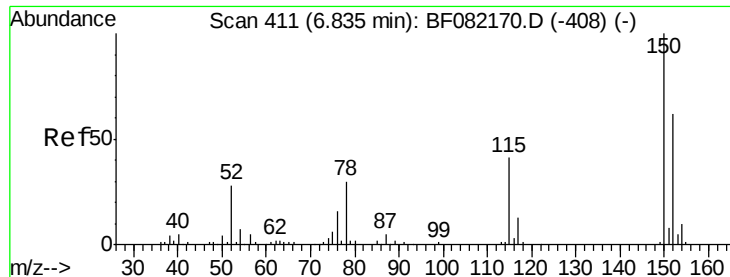
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF102115\
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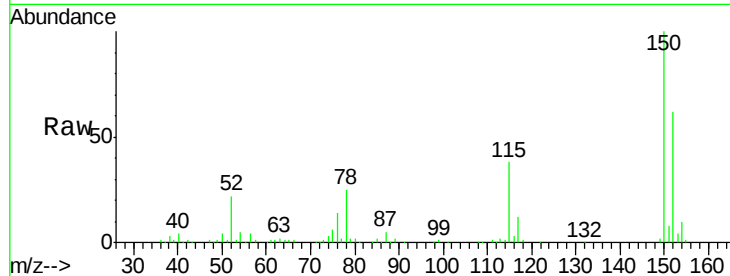


#1

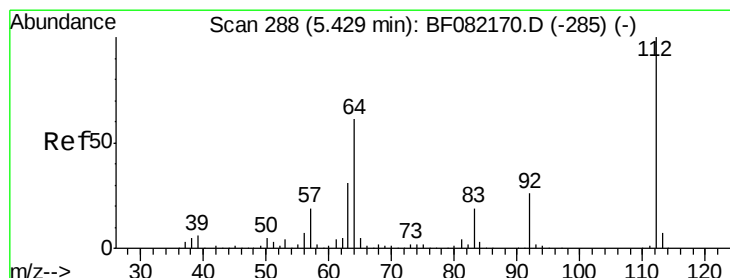
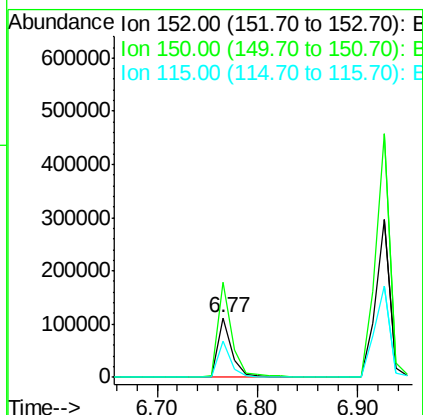
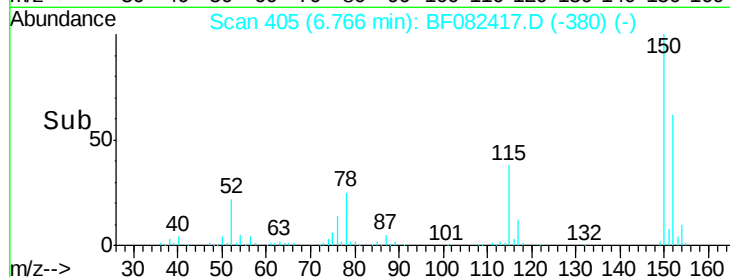
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 405
Delta R.T. -0.01 min
Lab File: BF082417.D
Acq: 21 Oct 2015 21:25

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

Tot Ion:152 Resp: 110964
Ion Ratio Lower Upper
152 100
150 160.9 129.0 193.4
115 62.0 52.1 78.1



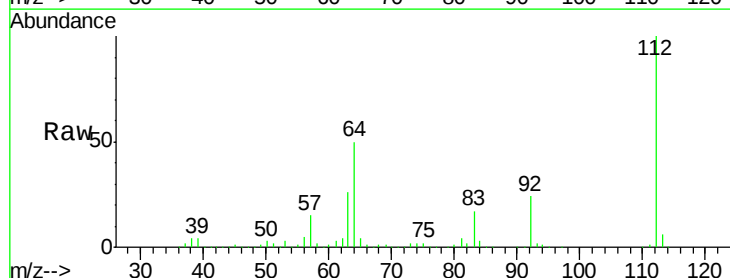
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



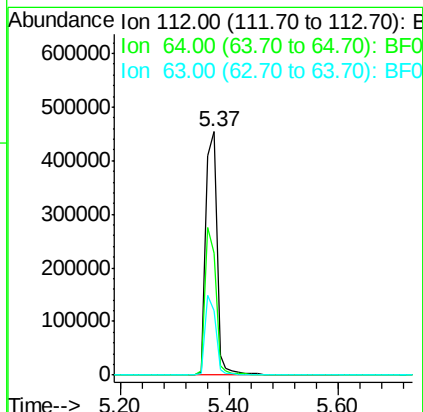
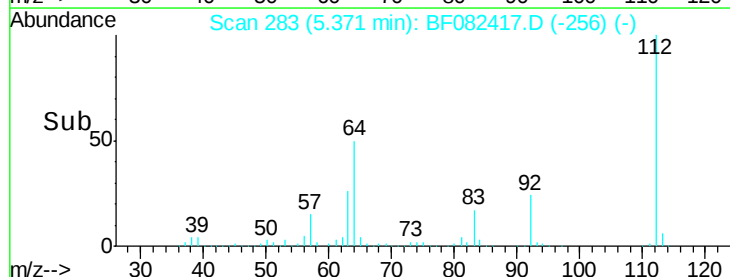
#5

2-Fluorophenol
Concen: 119.53 ng
RT: 5.37 min Scan# 283
Delta R.T. 0.01 min
Lab File: BF082417.D
Acq: 21 Oct 2015 21:25

Tgt Ion:112 Resp: 657215
Ion Ratio Lower Upper
112 100
64 50.4 48.6 73.0
63 26.5 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: 113.85 ng

RT: 6.41 min Scan# 374

Delta R.T. -0.01 min

Lab File: BF082417.D

Acq: 21 Oct 2015 21:25

Instrument :

BNA_F

ClientSampleId :

COFF-02(0-2)

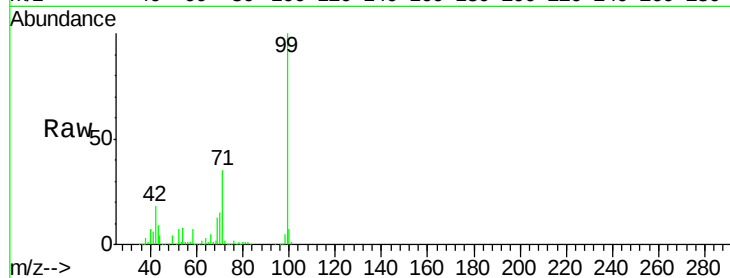
Tot Ion: 99 Resp: 814596

Ion Ratio Lower Upper

99 100

42 18.2 13.2 19.8

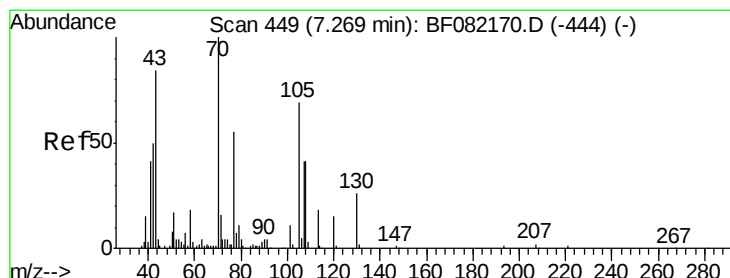
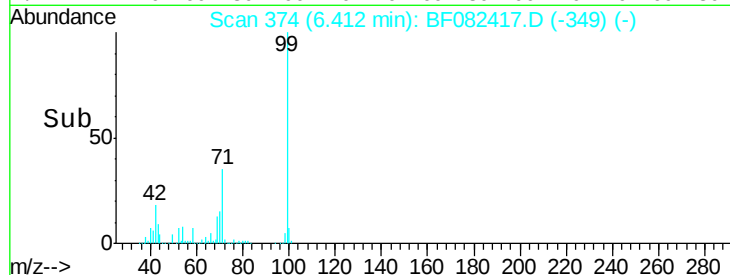
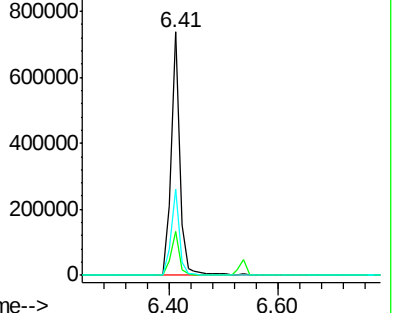
71 35.2 25.6 38.4



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: 12.57 ng

RT: 7.34 min Scan# 455

Delta R.T. 0.14 min

Lab File: BF082417.D

Acq: 21 Oct 2015 21:25

Tgt Ion: 70 Resp: 63143

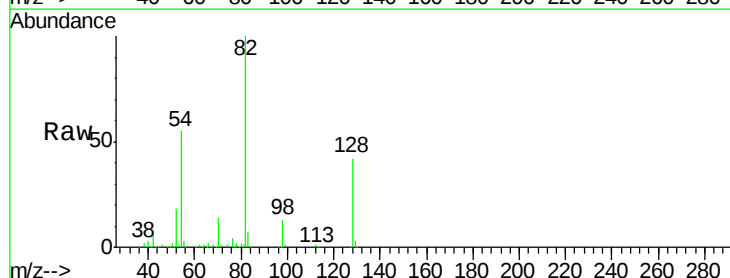
Ion Ratio Lower Upper

70 100

42 45.6 39.8 59.8

101 0.0 8.6 13.0#

130 2.2 20.5 30.7#

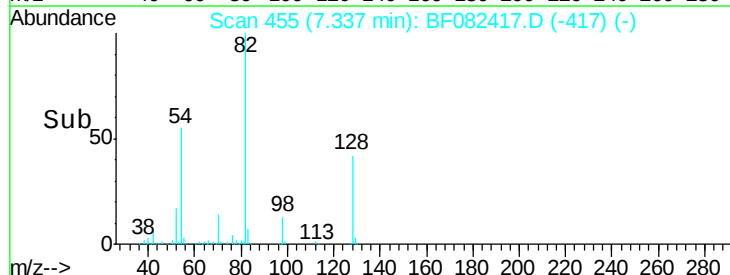
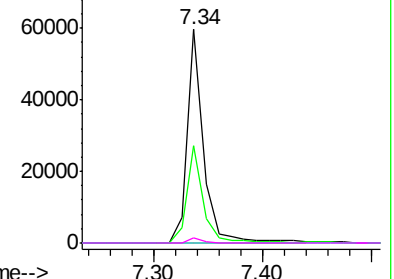


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

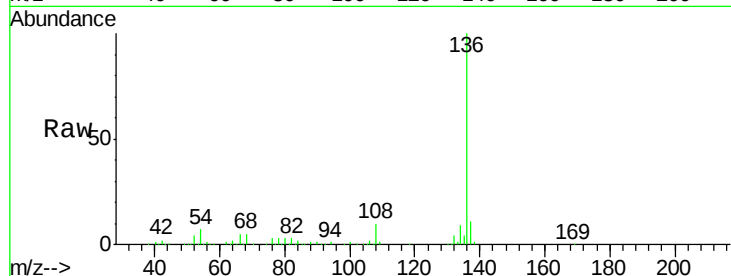




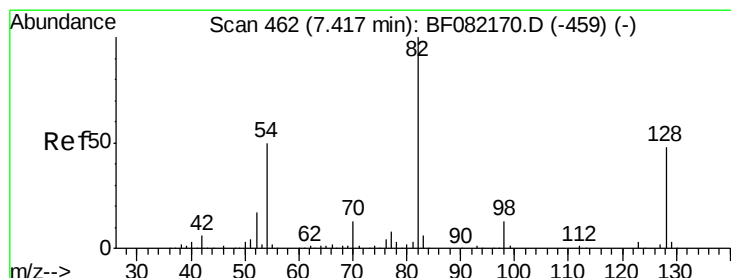
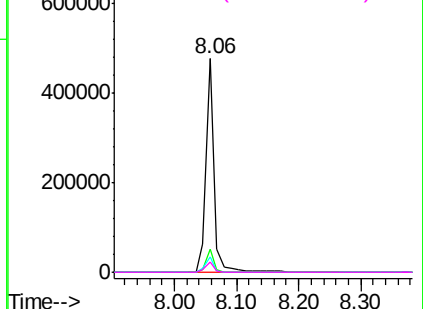
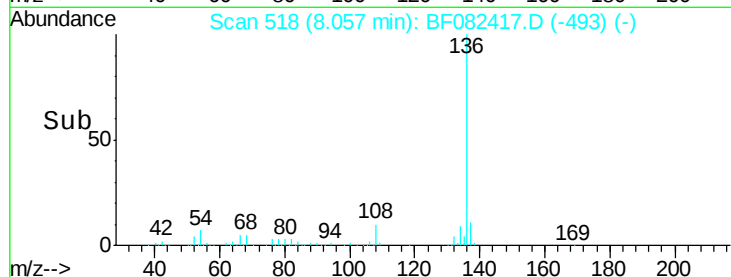
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.06 min Scan# 518
Delta R.T. -0.01 min
Lab File: BF082417.D
Acq: 21 Oct 2015 21:25

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

Tot Ion:136	Resp:	438437
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.6
54	7.4	7.5 11.3#
68	4.8	4.6 7.0

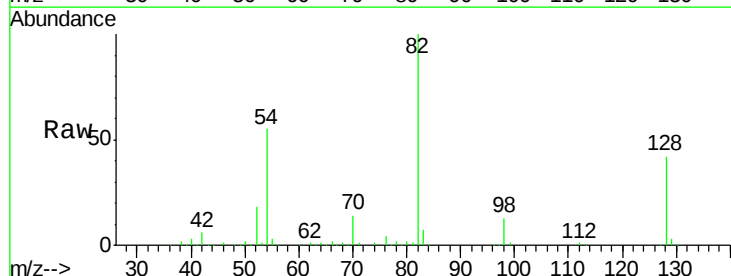


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

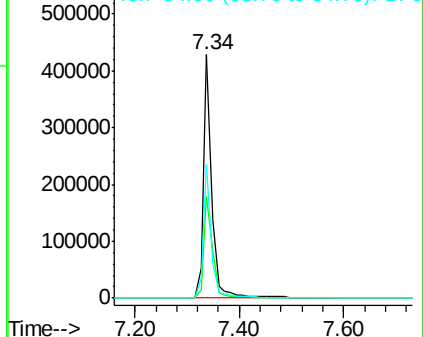
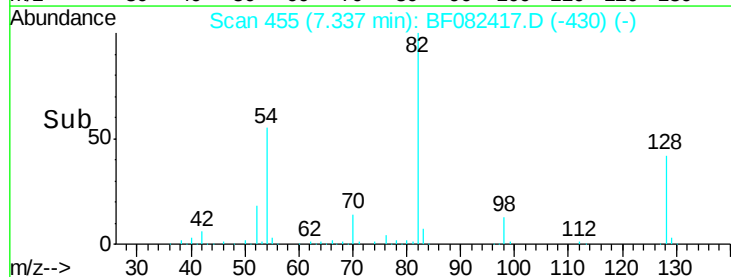


#23
Nitrobenzene-d5
Concen: 74.16 ng
RT: 7.34 min Scan# 455
Delta R.T. -0.01 min
Lab File: BF082417.D
Acq: 21 Oct 2015 21:25

Tgt Ion: 82	Resp:	484155
Ion	Ratio	Lower Upper
82	100	
128	41.7	38.7 58.1
54	54.9	40.1 60.1



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 33.64 ng

RT: 7.34 min Scan# 455

Delta R.T. -0.27 min

Lab File: BF082417.D

Acq: 21 Oct 2015 21:25

Instrument :

BNA_F

ClientSampleId :

COFF-02(0-2)

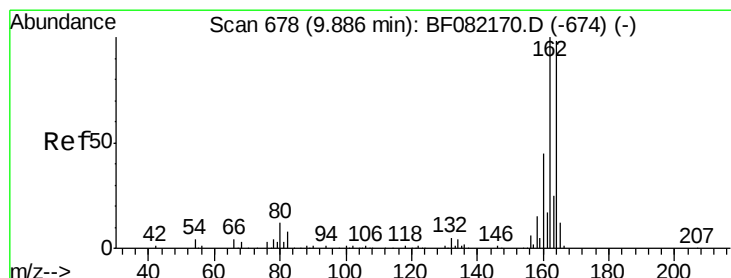
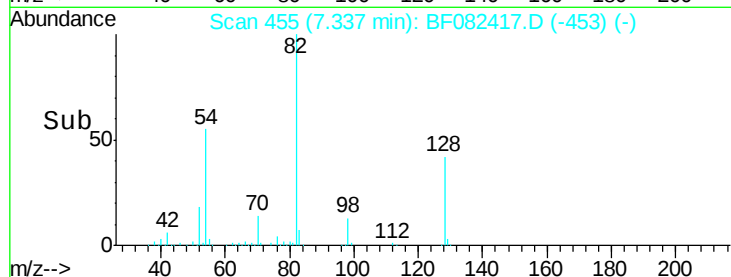
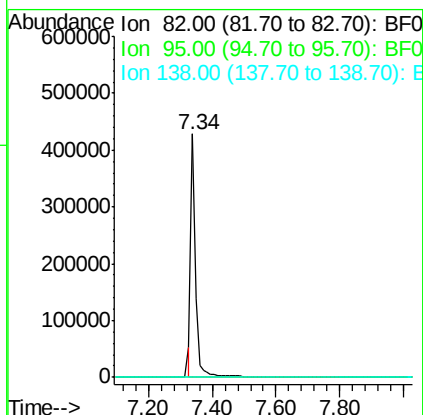
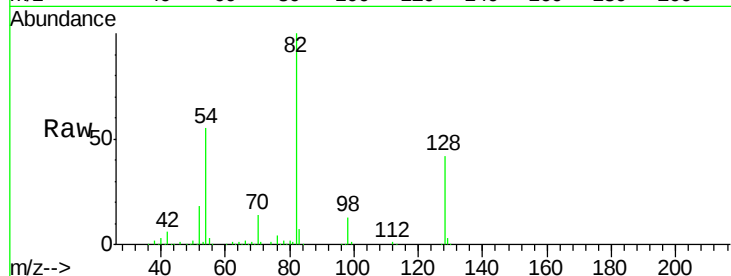
Tot Ion: 82 Resp: 443293

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: BF082417.D

Acq: 21 Oct 2015 21:25

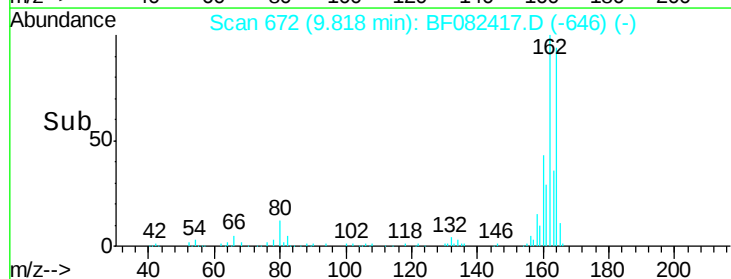
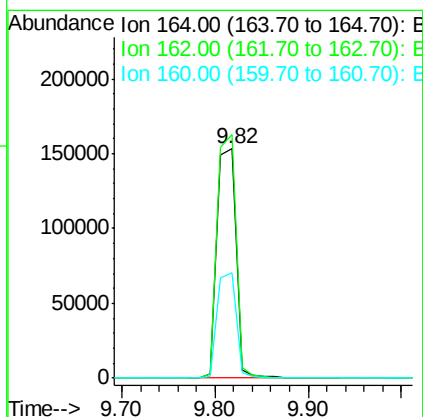
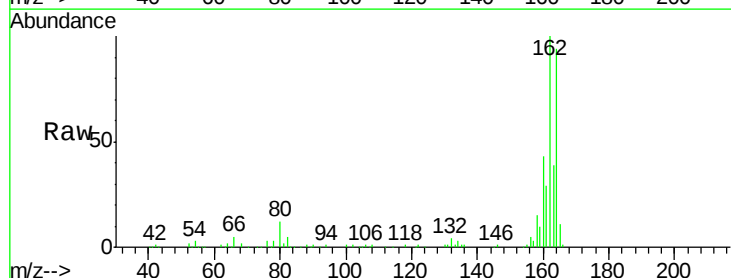
Tgt Ion:164 Resp: 216593

Ion Ratio Lower Upper

164 100

162 106.3 81.6 122.4

160 45.9 36.4 54.6

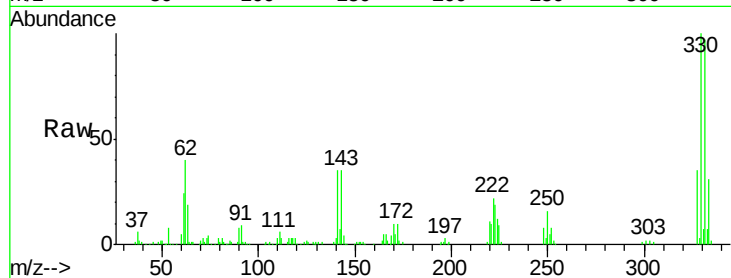




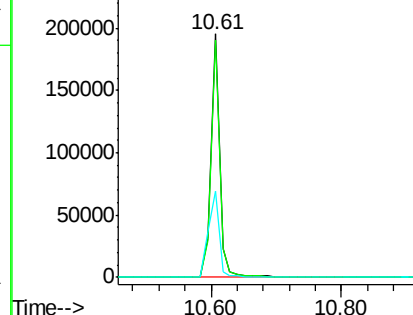
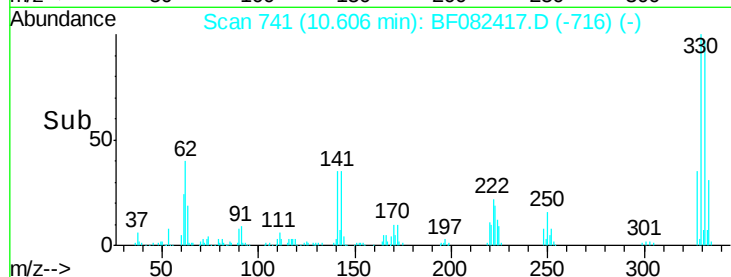
#41
 2,4,6-Tribromophenol
 Concen: 89.88 ng
 RT: 10.61 min Scan# 741
 Delta R.T. -0.01 min
 Lab File: BF082417.D
 Acq: 21 Oct 2015 21:25

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

Tot Ion	330	332	141	Ratio	Lower	Upper
182558	100	96.7	43.5		77.1	115.7
					29.8	44.8

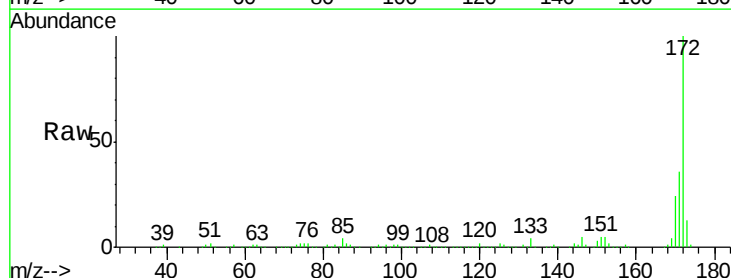


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

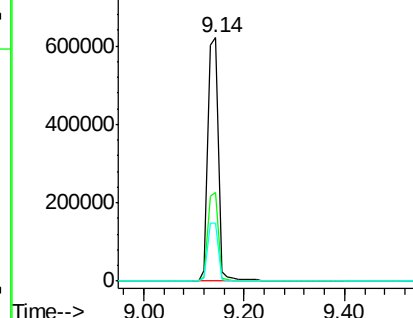
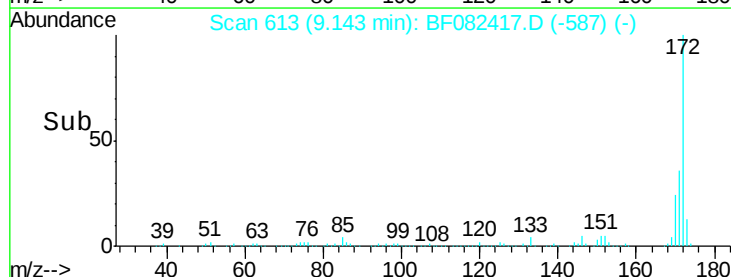


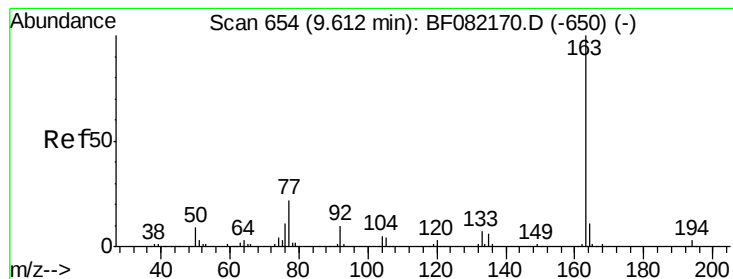
#44
 2-Fluorobiphenyl
 Concen: 69.87 ng
 RT: 9.14 min Scan# 613
 Delta R.T. -0.00 min
 Lab File: BF082417.D
 Acq: 21 Oct 2015 21:25

Tgt Ion	172	171	170	Ratio	Lower	Upper
912533	100	36.2	24.1		28.6	42.8
					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





#49

Dimethylphthalate

Concen: 16.11 ng

RT: 9.53 min Scan# 647

Delta R.T. -0.02 min

Lab File: BF082417.D

Acq: 21 Oct 2015 21:25

Instrument :

BNA_F

ClientSampleId :

COFF-02(0-2)

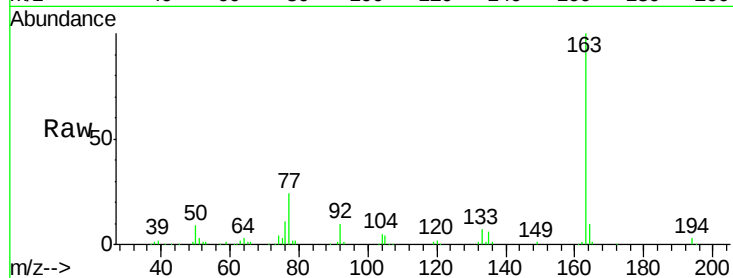
Tot Ion:163 Resp: 245698

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

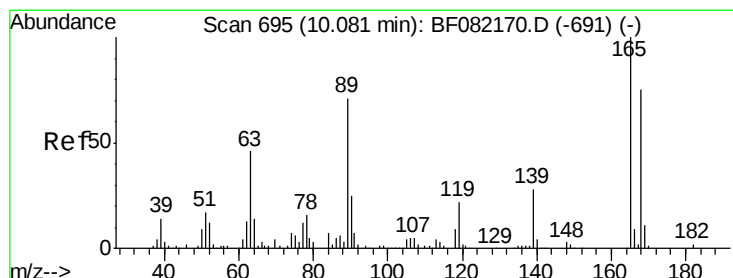
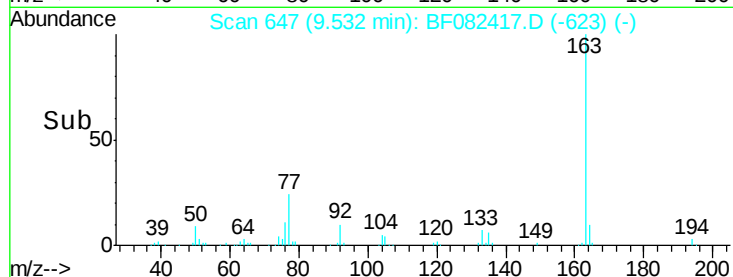
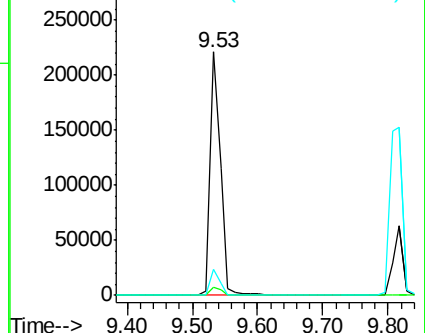
164 10.4 8.5 12.7



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: 6.80 ng

RT: 9.81 min Scan# 671

Delta R.T. -0.22 min

Lab File: BF082417.D

Acq: 21 Oct 2015 21:25

Tgt Ion:165 Resp: 27364

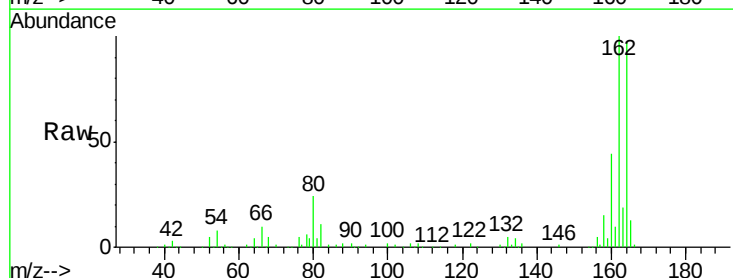
Ion Ratio Lower Upper

165 100

63 1.9 38.6 58.0#

89 0.0 57.0 85.6#

182 0.0 1.8 2.6#

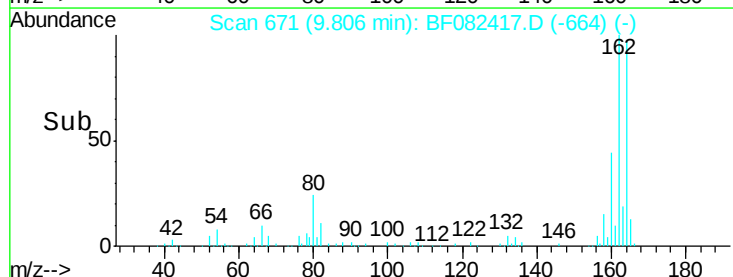
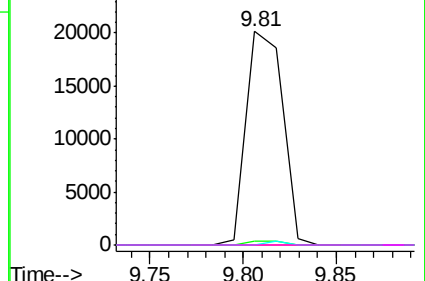


Abundance Ion 165.00 (164.70 to 165.70): E

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

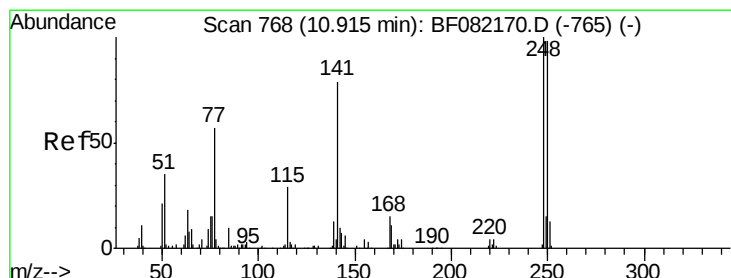
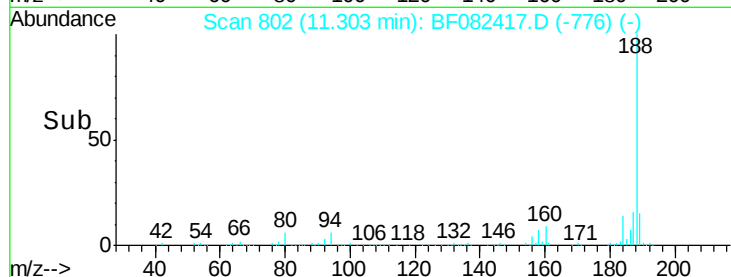
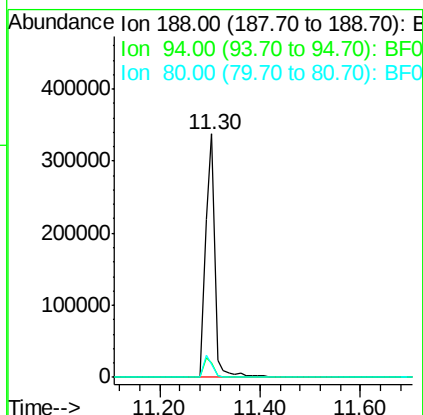
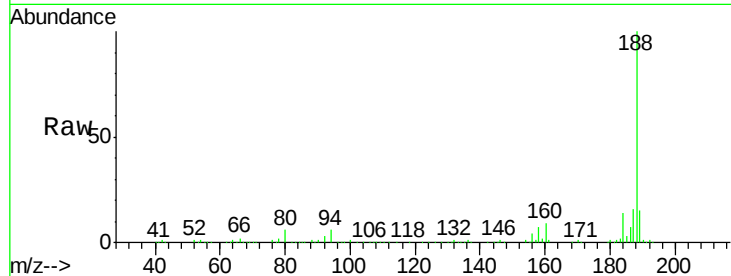




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF082417.D
Acq: 21 Oct 2015 21:25

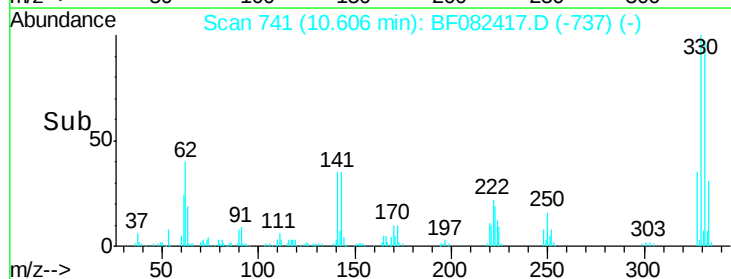
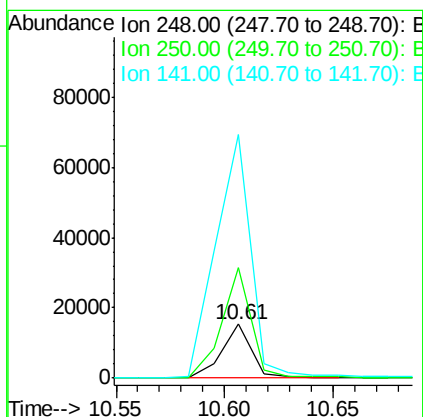
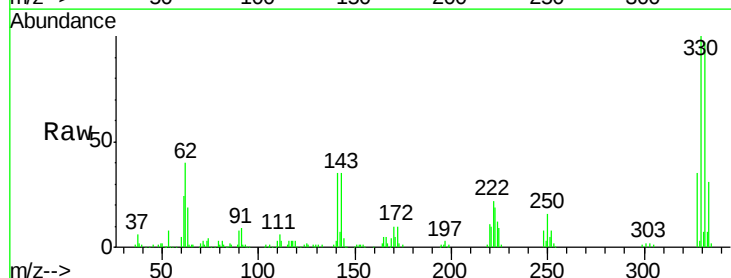
Instrument :
BNA_F
ClientSampleId :
COFF-02(0-2)

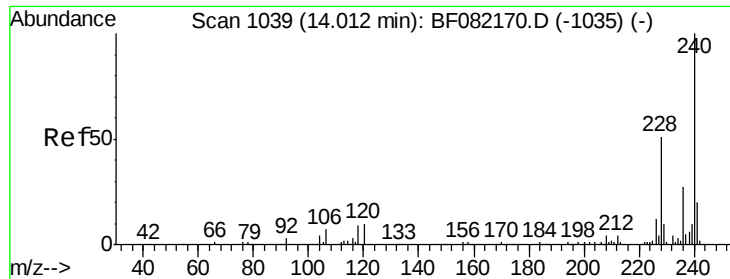
Tot Ion:188 Resp: 429534
Ion Ratio Lower Upper
188 100
94 5.8 5.8 8.6
80 5.7 6.4 9.6#



#66
4-Bromophenyl-phenylether
Concen: 3.31 ng
RT: 10.61 min Scan# 741
Delta R.T. -0.25 min
Lab File: BF082417.D
Acq: 21 Oct 2015 21:25

Tgt Ion:248 Resp: 14211
Ion Ratio Lower Upper
248 100
250 206.3 78.6 117.8#
141 453.0 63.3 94.9#

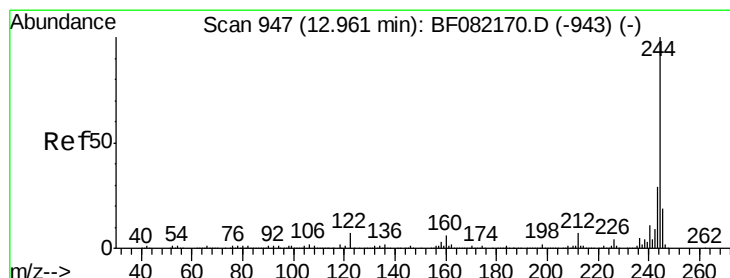
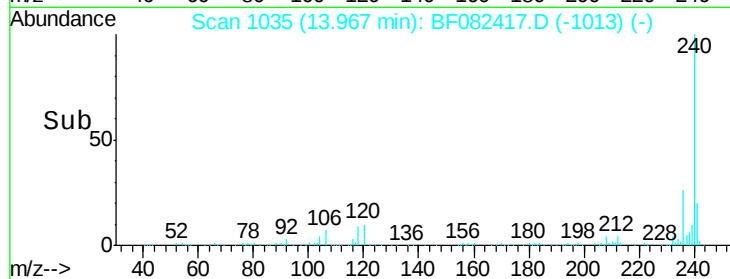
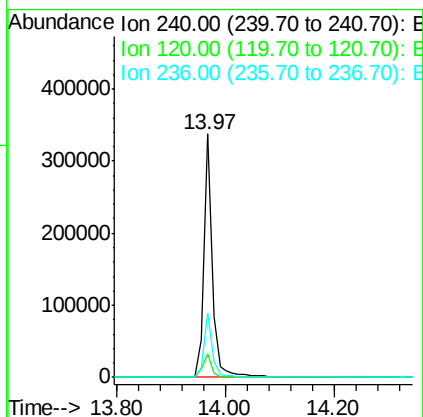
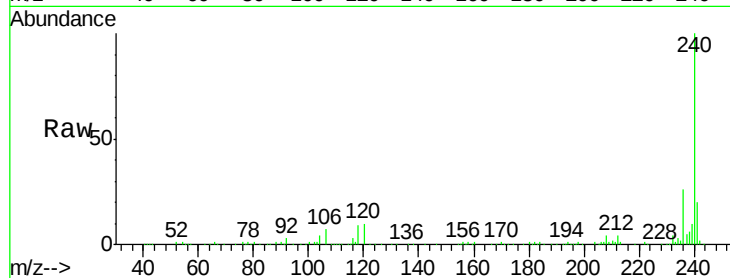




#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.97 min Scan# 1035
Delta R.T. -0.05 min
Lab File: BF082417.D
Acq: 21 Oct 2015 21:25

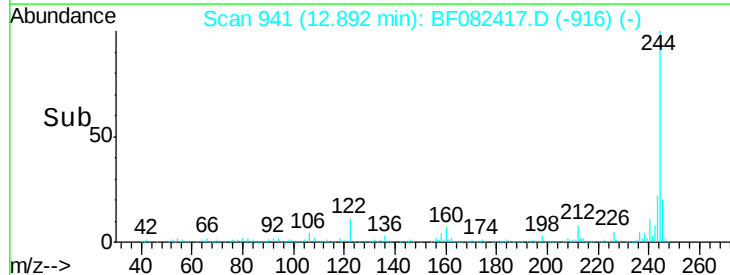
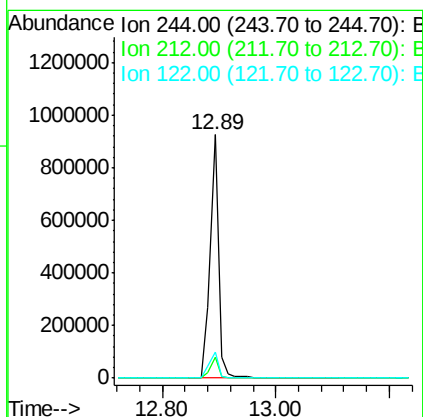
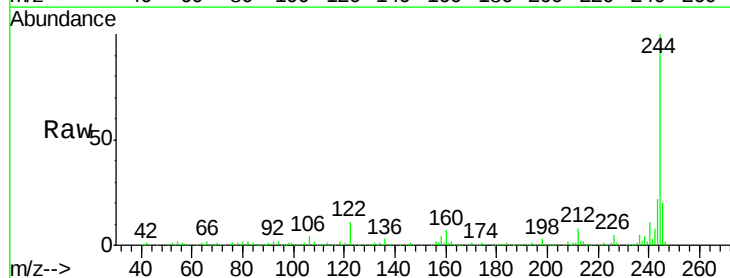
Instrument :
BNA_F
ClientSampleId :
COFF-02(0-2)

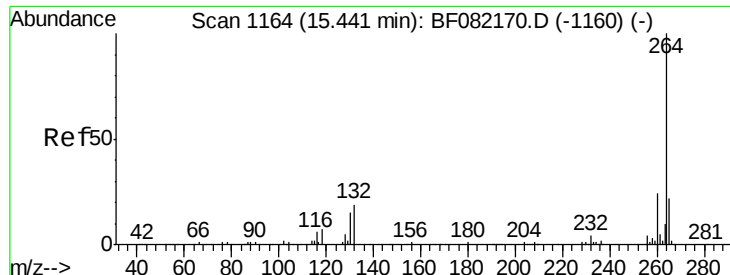
Tot Ion:240 Resp: 363566
Ion Ratio Lower Upper
240 100
120 9.9 8.1 12.1
236 26.3 21.3 31.9



#78
Terphenyl-d14
Concen: 66.60 ng
RT: 12.89 min Scan# 941
Delta R.T. -0.01 min
Lab File: BF082417.D
Acq: 21 Oct 2015 21:25

Tgt Ion:244 Resp: 913689
Ion Ratio Lower Upper
244 100
212 8.3 5.8 8.6
122 10.7 5.9 8.9#

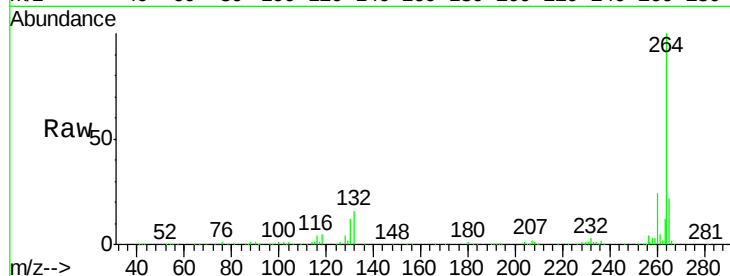




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.46 min Scan# 1166
 Delta R.T. -0.07 min
 Lab File: BF082417.D
 Acq: 21 Oct 2015 21:25

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	22.3	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

