

Data Path : U:\HPCHEM1\BNA F\DATA\BF101915\
 Data File : BF082366.D
 Acq On : 19 Oct 2015 20:19
 Operator : UM/IZ
 Sample : G3975-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PX3

Quant Time: Oct 20 02:51:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 20 01:57:16 2015
 Response via : Initial Calibration

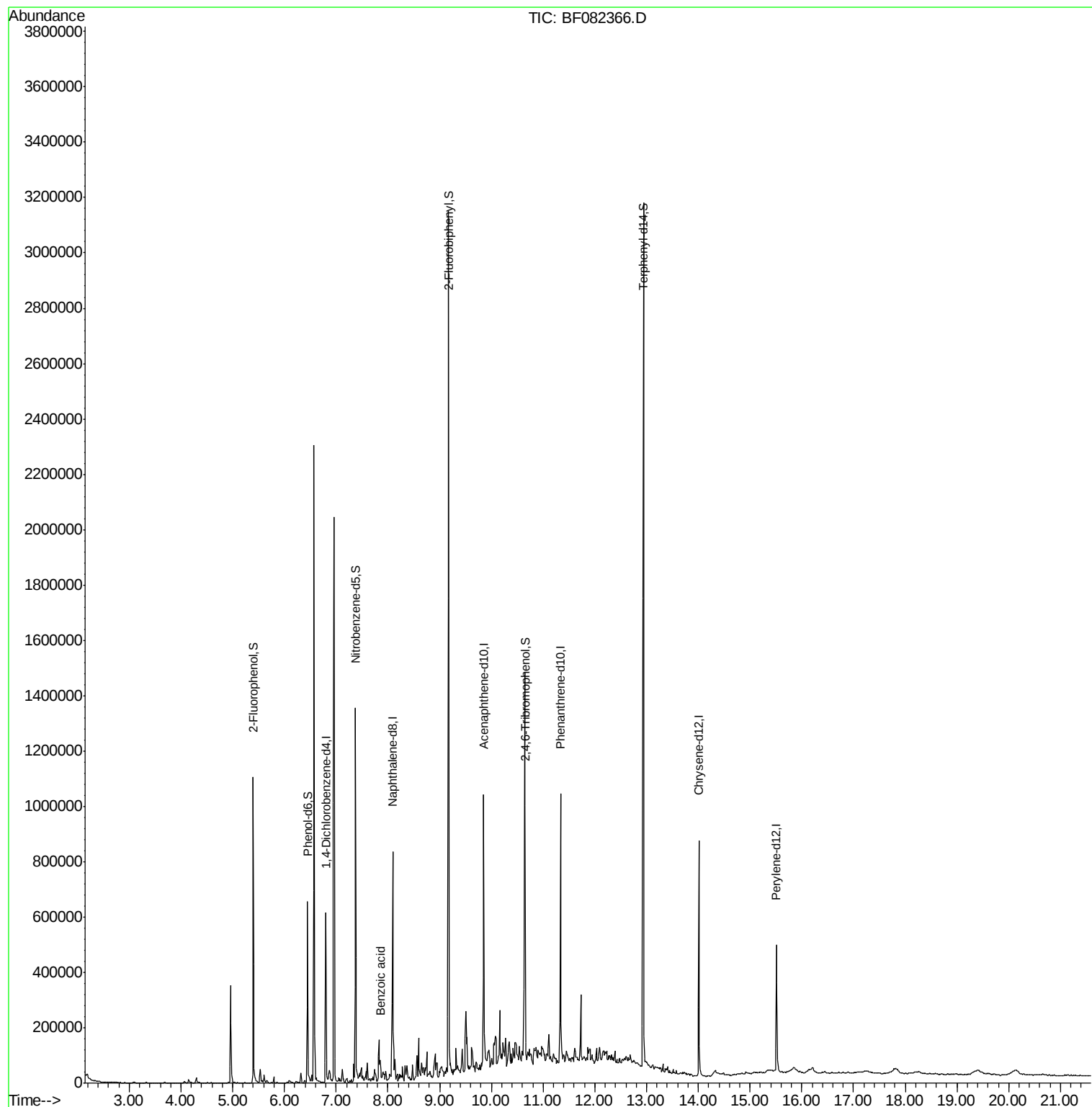
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	97702	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	381328	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	193488	20.00	ng	0.00
63) Phenanthrene-d10	11.34	188	357476	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	327133	20.00	ng	-0.08
86) Perylene-d12	15.51	264	242611	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	335483	69.30	ng	0.00
7) Phenol-d6	6.45	99	281931	44.75	ng	0.00
23) Nitrobenzene-d5	7.37	82	538126	94.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	219899	121.19	ng	0.00
44) 2-Fluorobiphenyl	9.18	172	1236883	106.01	ng	0.00
78) Terphenyl-d14	12.94	244	1174629	95.15	ng	-0.01
Target Compounds						Qvalue
32) Benzoic acid	7.85	122	30162	9.09	ng	98

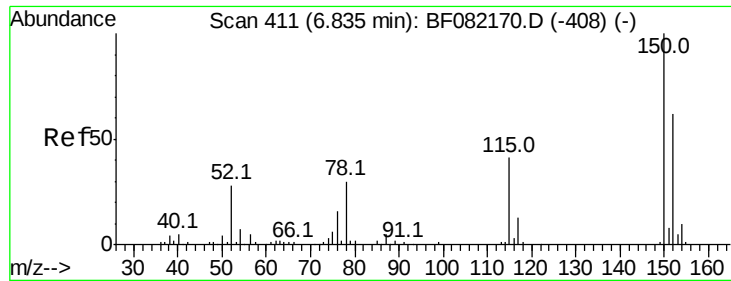
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

Instrument :

BNA_F

ClientSampleId :

PX3

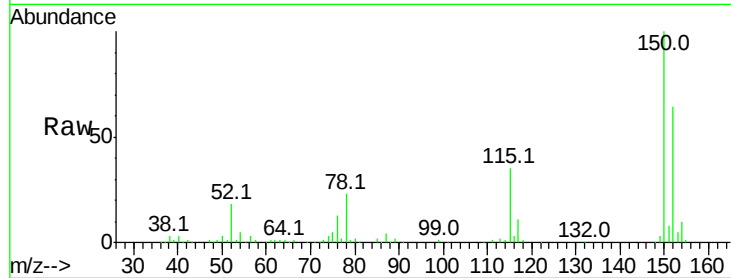
Tot Ion:152 Resp: 97702

Ion Ratio Lower Upper

152 100

150 157.1 129.0 193.4

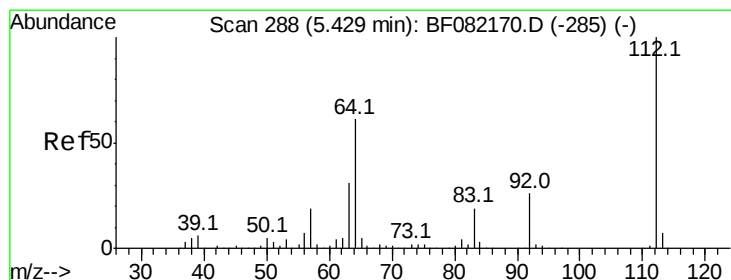
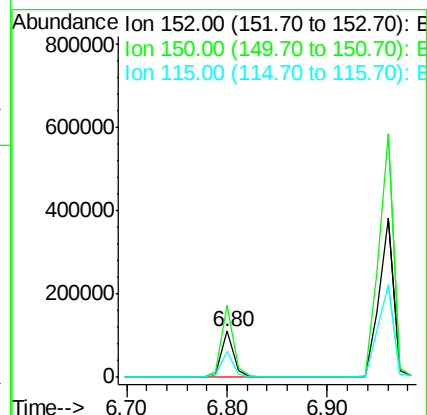
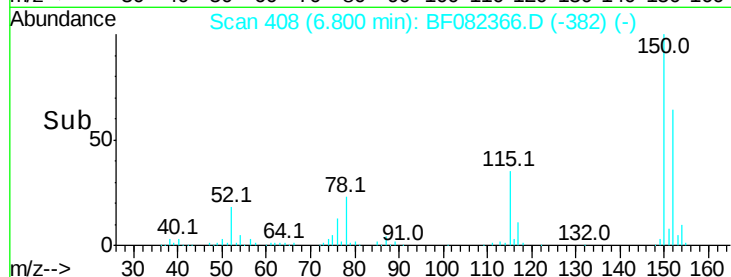
115 55.4 52.1 78.1



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: 69.30 ng

RT: 5.39 min Scan# 285

Delta R.T. -0.00 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

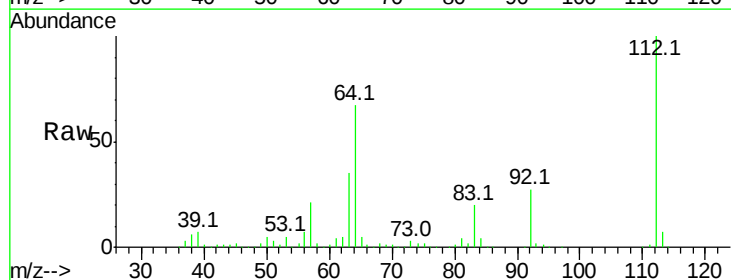
Tgt Ion:112 Resp: 335483

Ion Ratio Lower Upper

112 100

64 66.5 48.6 73.0

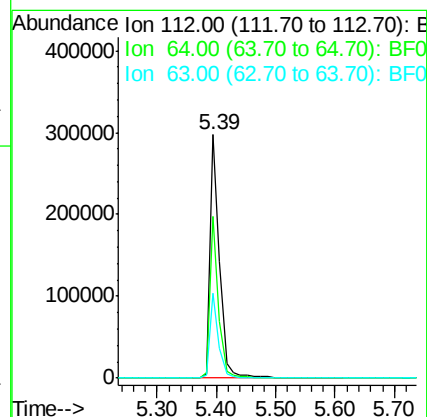
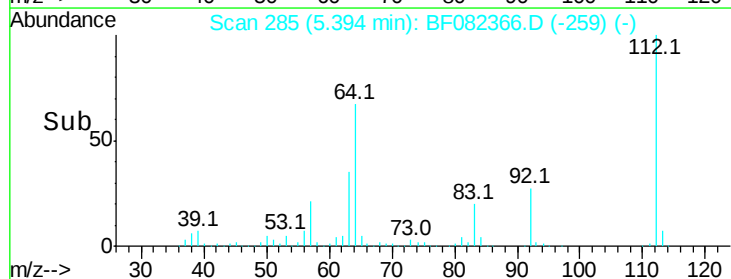
63 35.0 25.1 37.7



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: 44.75 ng

RT: 6.45 min Scan# 377

Delta R.T. -0.00 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

Instrument :

BNA_F

ClientSampleId :

PX3

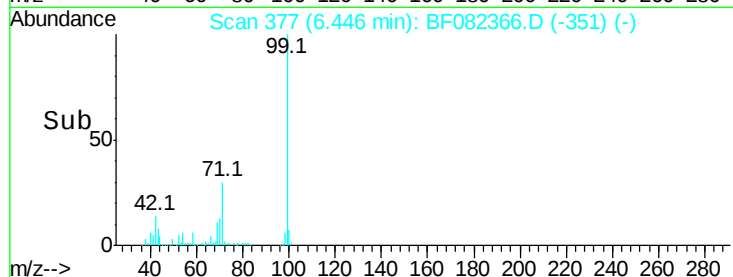
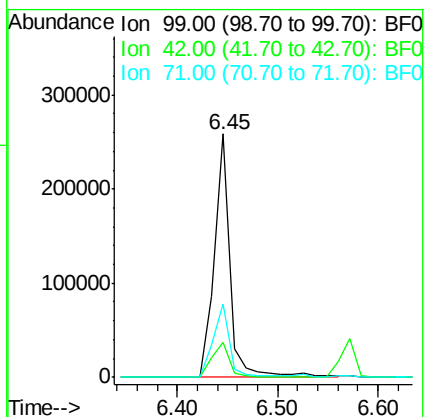
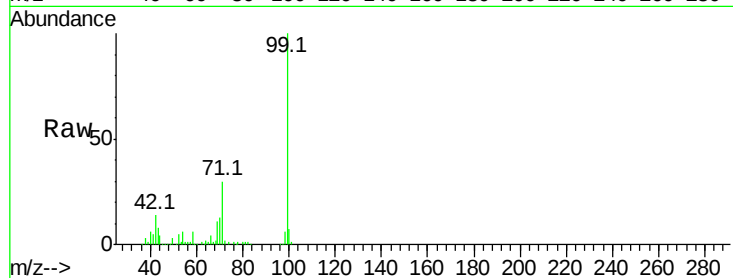
Tot Ion: 99 Resp: 281931

Ion Ratio Lower Upper

99 100

42 14.4 13.2 19.8

71 30.2 25.6 38.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.09 min Scan# 521

Delta R.T. -0.00 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

Tgt Ion: 136 Resp: 381328

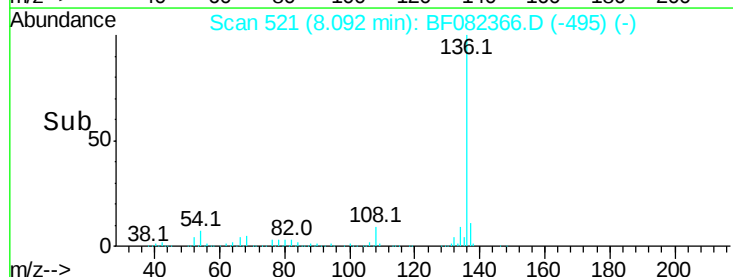
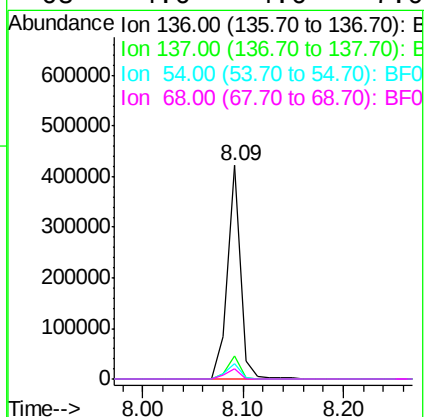
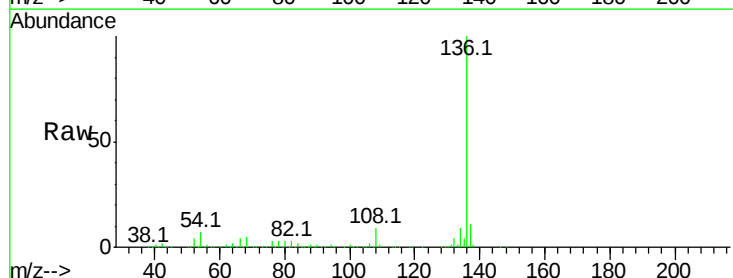
Ion Ratio Lower Upper

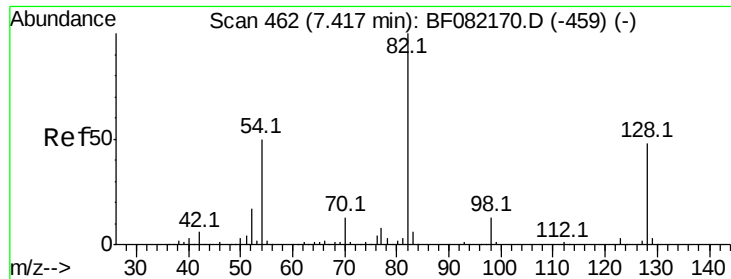
136 100

137 11.0 9.0 13.6

54 7.3 7.5 11.3#

68 4.6 4.6 7.0

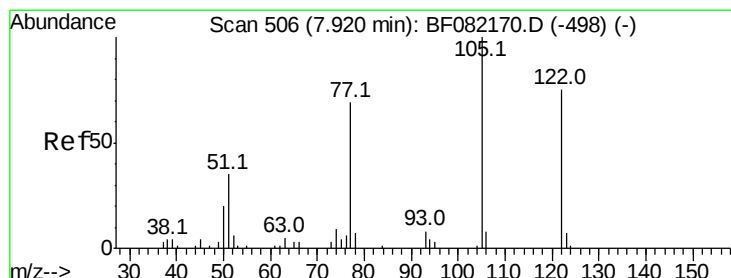
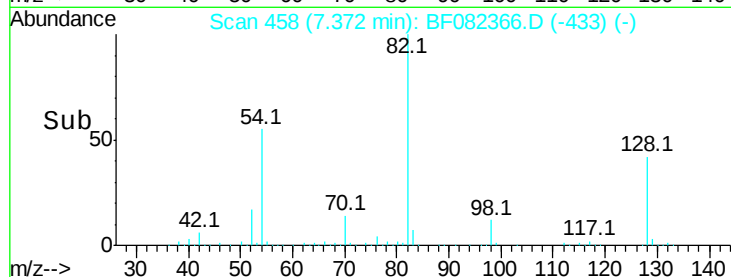
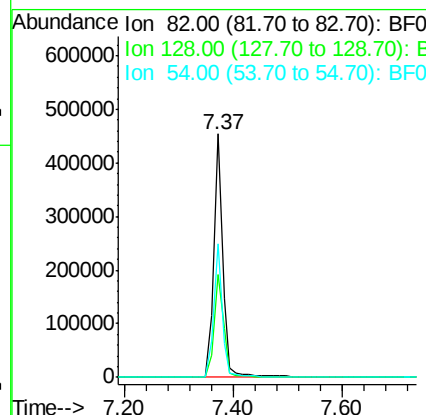
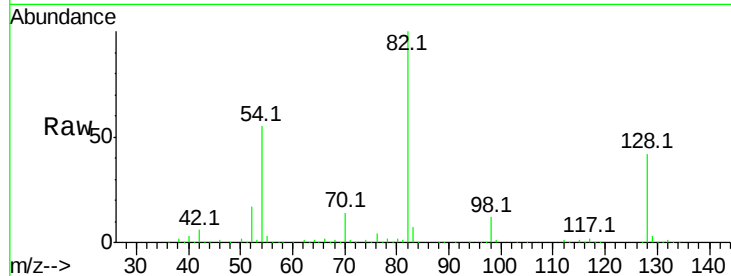




#23
 Nitrobenzene-d5
 Concen: 94.77 ng
 RT: 7.37 min Scan# 458
 Delta R.T. -0.01 min
 Lab File: BF082366.D
 Acq: 19 Oct 2015 20:19

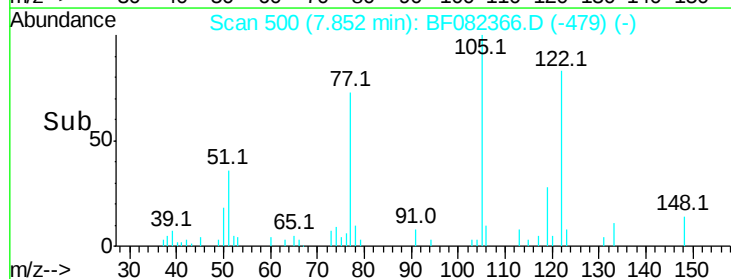
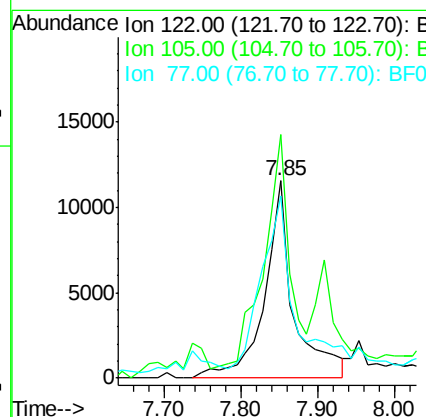
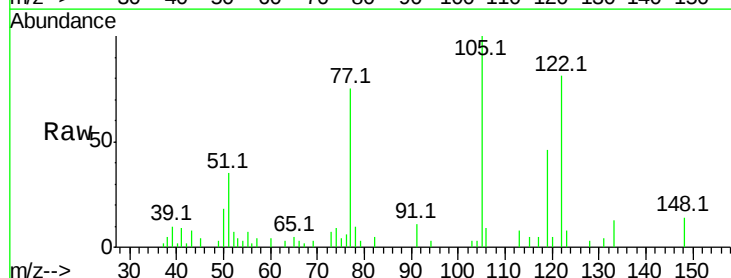
Instrument :
 BNA_F
 ClientSampleId :
 PX3

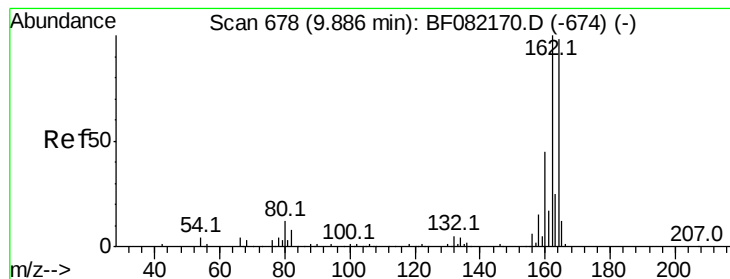
Tot Ion: 82 Resp: 538126
 Ion Ratio Lower Upper
 82 100
 128 42.4 38.7 58.1
 54 54.6 40.1 60.1



#32
 Benzoic acid
 Concen: 9.09 ng
 RT: 7.85 min Scan# 500
 Delta R.T. -0.06 min
 Lab File: BF082366.D
 Acq: 19 Oct 2015 20:19

Tgt Ion: 122 Resp: 30162
 Ion Ratio Lower Upper
 122 100
 105 123.6 104.4 144.4
 77 92.3 69.0 109.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 675

Delta R.T. -0.00 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

Instrument :

BNA_F

ClientSampleId :

PX3

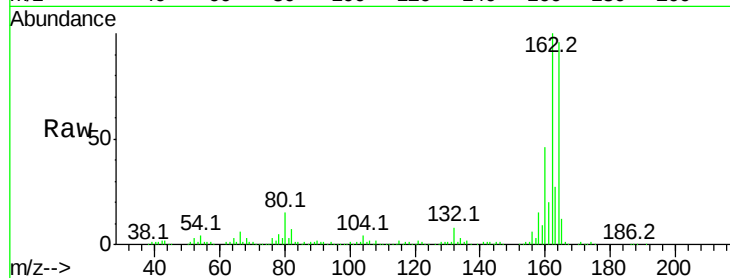
Tot Ion:164 Resp: 193488

Ion Ratio Lower Upper

164 100

162 104.4 81.6 122.4

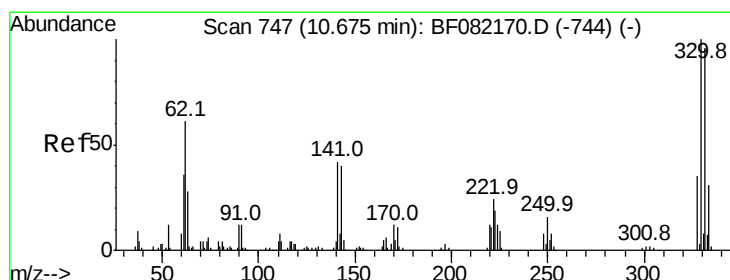
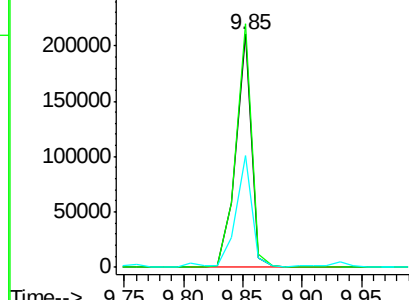
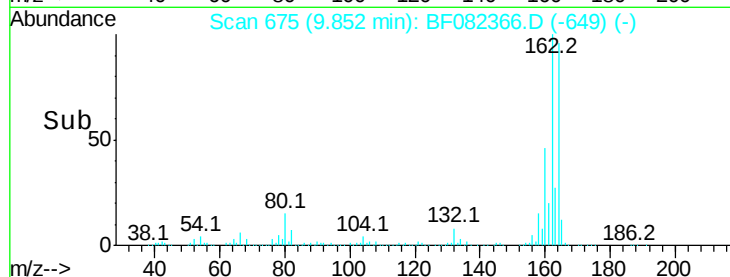
160 48.1 36.4 54.6



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: 121.19 ng

RT: 10.65 min Scan# 745

Delta R.T. -0.00 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

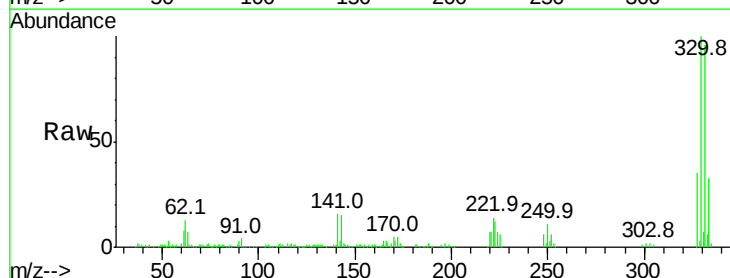
Tgt Ion:330 Resp: 219899

Ion Ratio Lower Upper

330 100

332 96.2 77.1 115.7

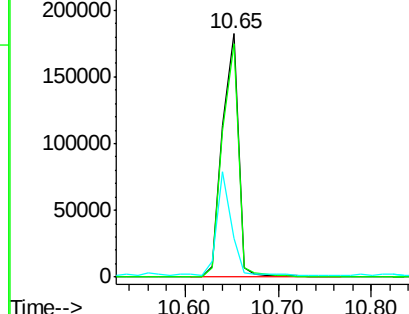
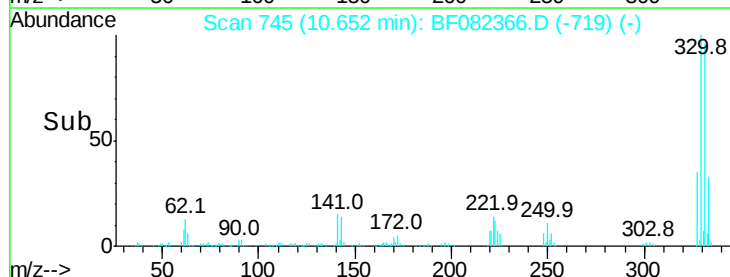
141 39.1 29.8 44.8

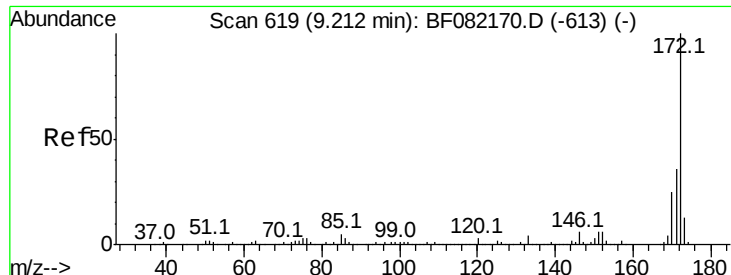


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



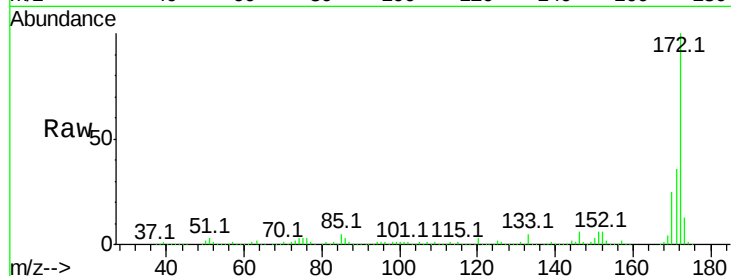


#44
 2-Fluorobiphenyl
 Concen: 106.01 ng
 RT: 9.18 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: BF082366.D
 Acq: 19 Oct 2015 20:19

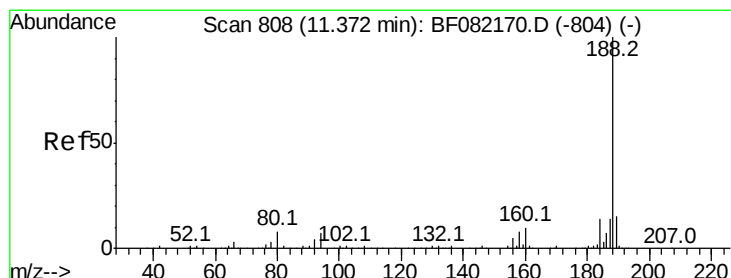
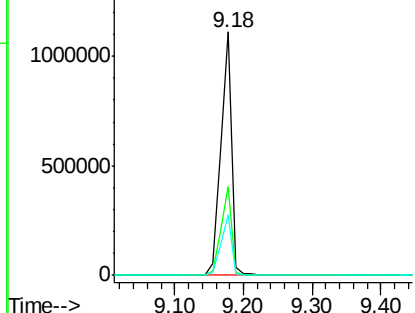
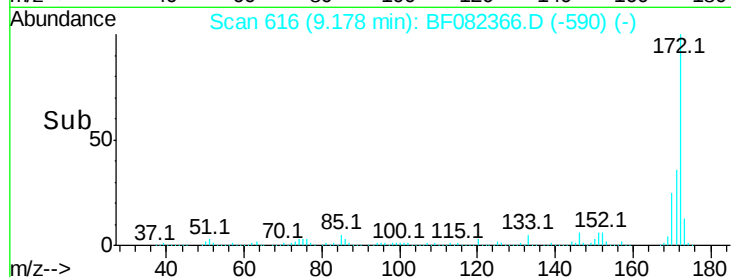
Instrument :
 BNA_F
 ClientSampleId :
 PX3

Tot Ion:172 Resp: 1236883

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.6	42.8
170	24.7	19.7	29.5



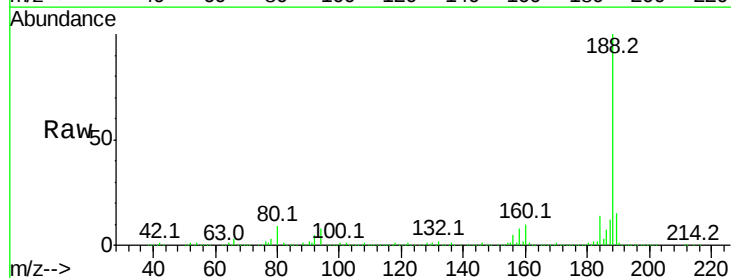
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



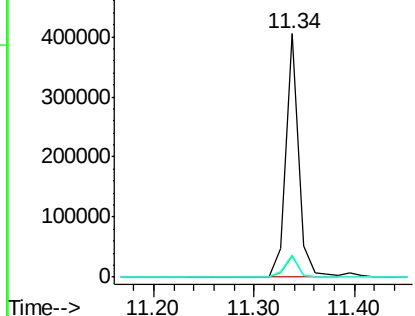
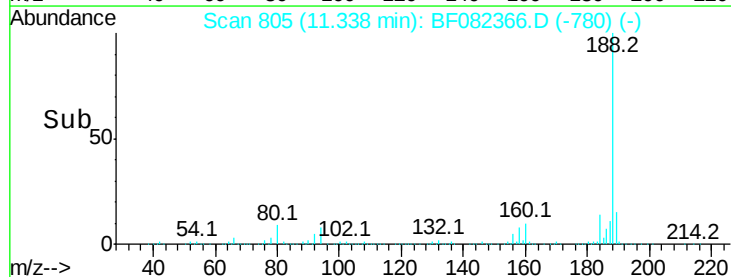
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.34 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: BF082366.D
 Acq: 19 Oct 2015 20:19

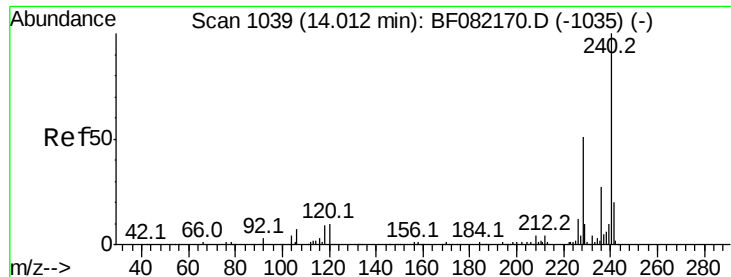
Tgt Ion:188 Resp: 357476

Ion	Ratio	Lower	Upper
188	100		
94	8.4	5.8	8.6
80	8.9	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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1039

Delta R.T. -0.08 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

Instrument :

BNA_F

ClientSampled :

PX3

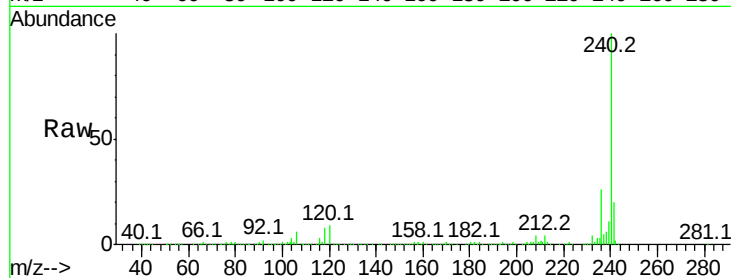
Tot Ion:240 Resp: 327133

Ion Ratio Lower Upper

240 100

120 9.0 8.1 12.1

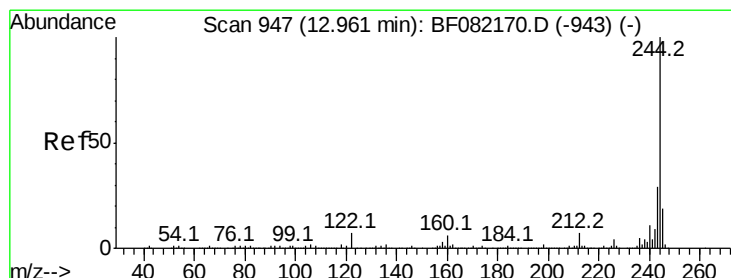
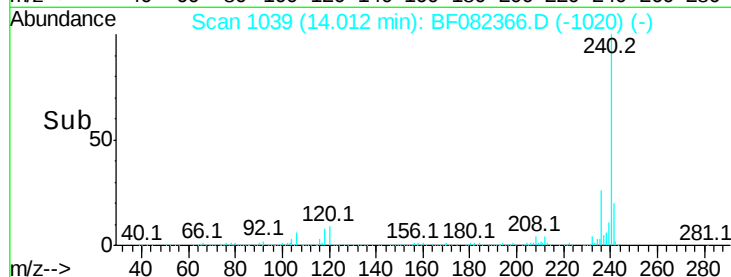
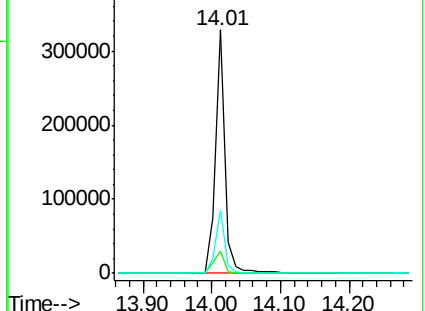
236 26.0 21.3 31.9



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: 95.15 ng

RT: 12.94 min Scan# 945

Delta R.T. -0.01 min

Lab File: BF082366.D

Acq: 19 Oct 2015 20:19

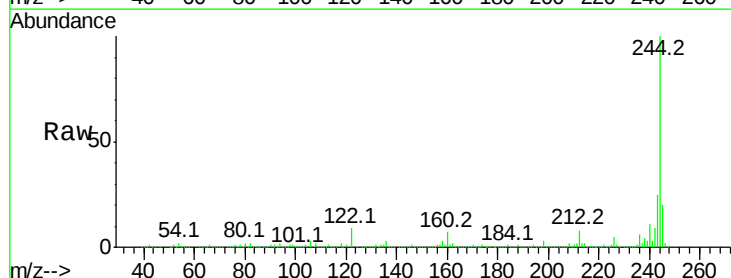
Tgt Ion:244 Resp: 1174629

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.6

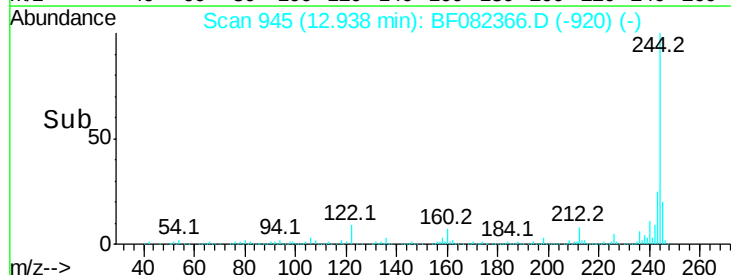
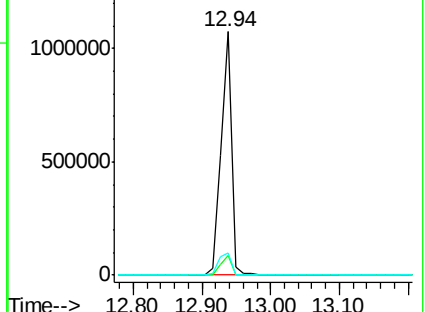
122 9.3 5.9 8.9#

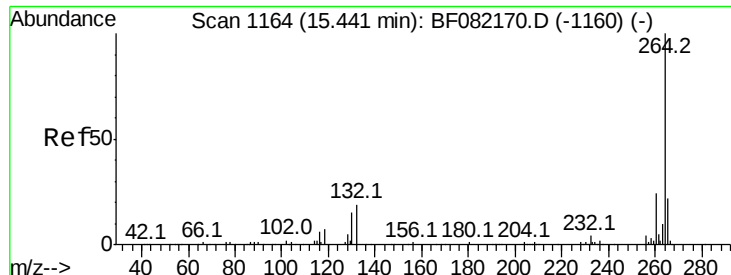


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

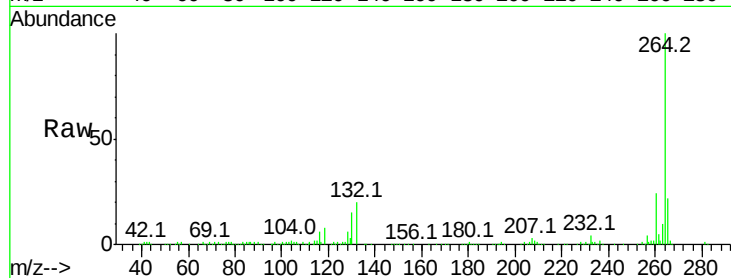




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.51 min Scan# 1170
 Delta R.T. -0.16 min
 Lab File: BF082366.D
 Acq: 19 Oct 2015 20:19

Instrument :
 BNA_F
 ClientSampleId :
 PX3

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.6
265	21.6	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

