

Data Path : Z:\HPCHEM1\BNA F\DATA\BF101615\
 Data File : BF082296.D
 Acq On : 15 Oct 2015 8:41
 Operator : UM/IZ
 Sample : G4016-07
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-8

Quant Time: Oct 16 01:15:49 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 16 01:04:42 2015
 Response via : Initial Calibration

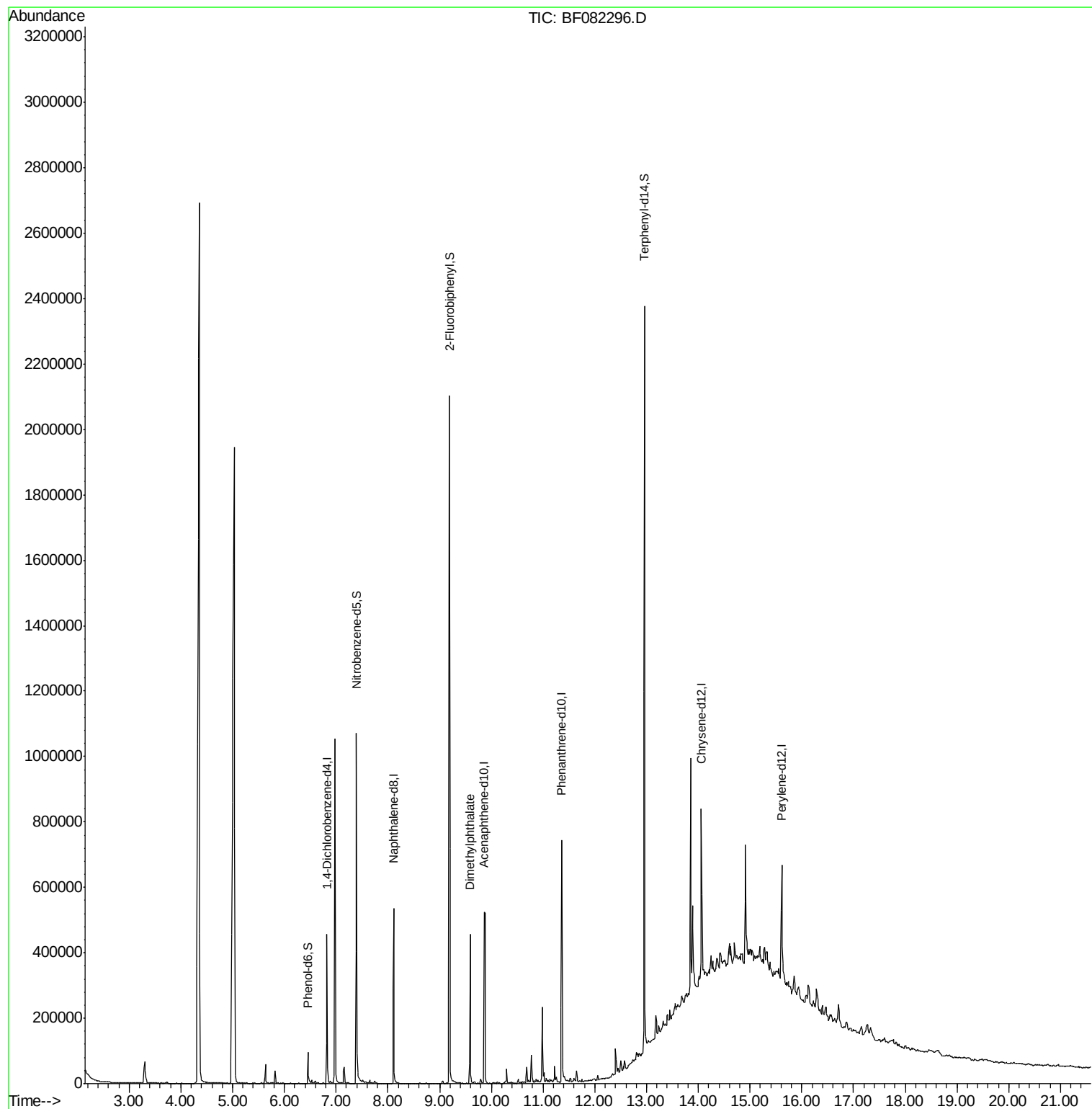
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	82096	20.00	ng	0.00
21) Naphthalene-d8	8.11	136	321513	20.00	ng	0.00
38) Acenaphthene-d10	9.86	164	166122	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	324231	20.00	ng	0.00
75) Chrysene-d12	14.06	240	245905	20.00	ng	-0.03
86) Perylene-d12	15.61	264	196496	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	641	0.16	ng	0.01
7) Phenol-d6	6.46	99	48342	9.13	ng	-0.01
23) Nitrobenzene-d5	7.39	82	414333	86.54	ng	-0.01
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.19	172	777316	77.60	ng	-0.01
78) Terphenyl-d14	12.96	244	878657	94.69	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.59	163	189775	16.22	ng	Qvalue 98

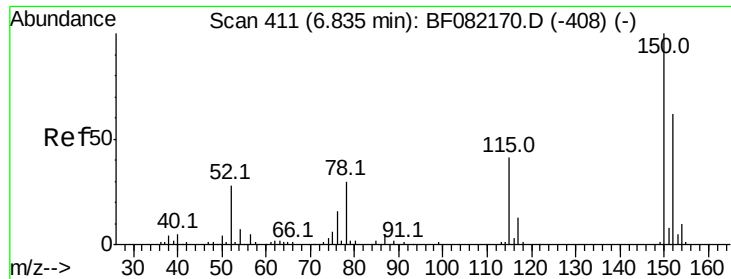
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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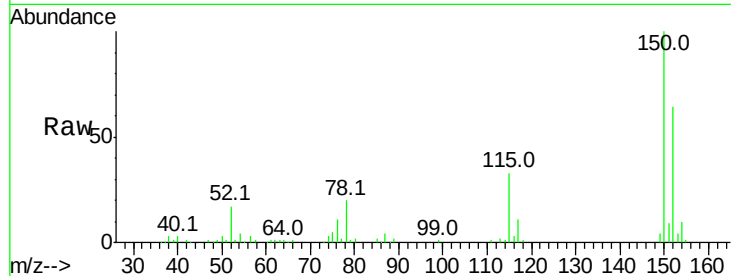


#1

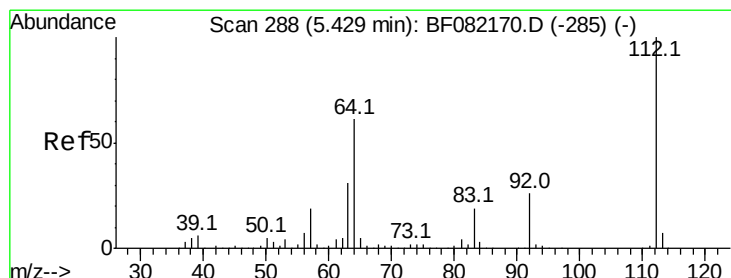
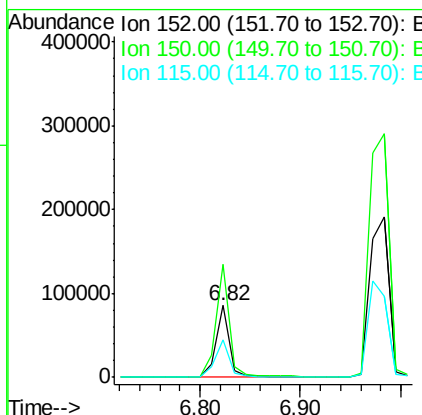
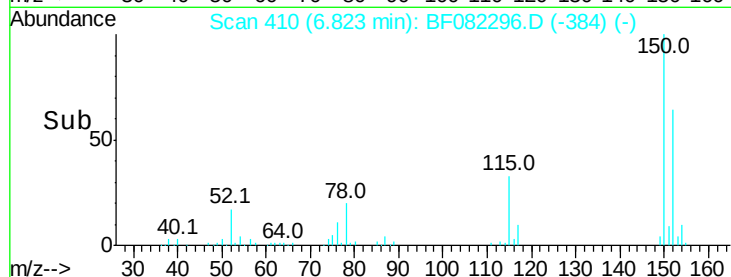
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 410
 Delta R.T. 0.00 min
 Lab File: BF082296.D
 Acq: 15 Oct 2015 8:41

Instrument :
 BNA_F
 ClientSampleId :
 CS-8

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.0	129.0	193.4
115	52.3	52.1	78.1



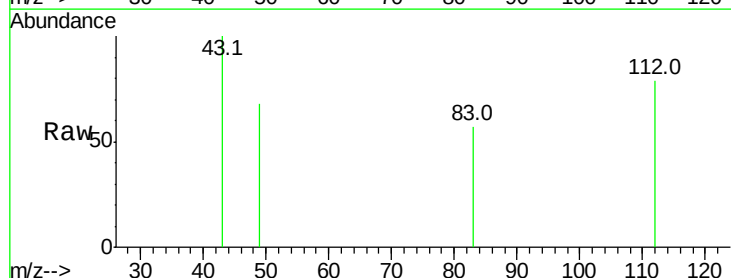
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



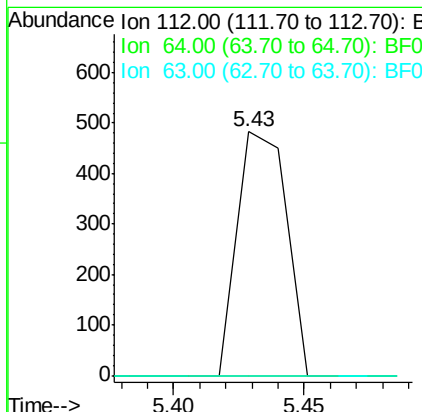
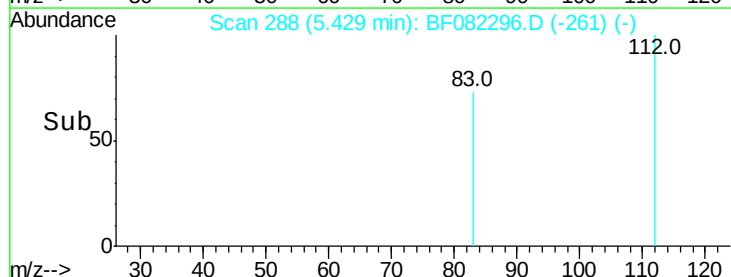
#5

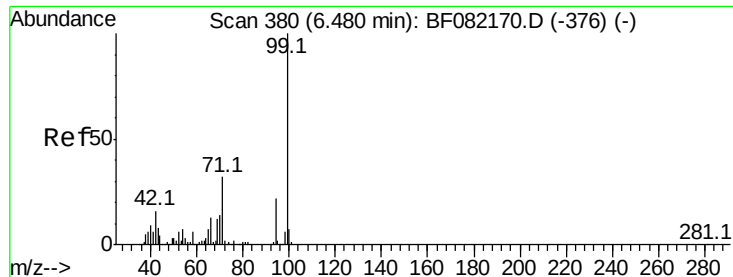
2-Fluorophenol
 Concen: 0.16 ng
 RT: 5.43 min Scan# 288
 Delta R.T. 0.01 min
 Lab File: BF082296.D
 Acq: 15 Oct 2015 8:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	0.0	48.6	73.0#
63	0.0	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: 9.13 ng

RT: 6.46 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF082296.D

Acq: 15 Oct 2015 8:41

Instrument :

BNA_F

ClientSampled :

CS-8

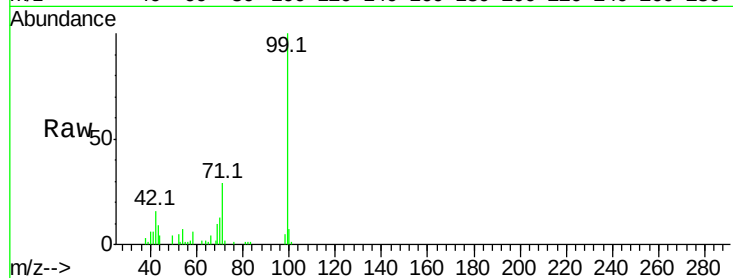
Tot Ion: 99 Resp: 48342

Ion Ratio Lower Upper

99 100

42 15.9 13.2 19.8

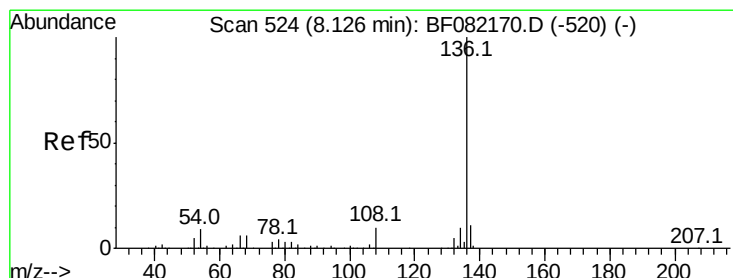
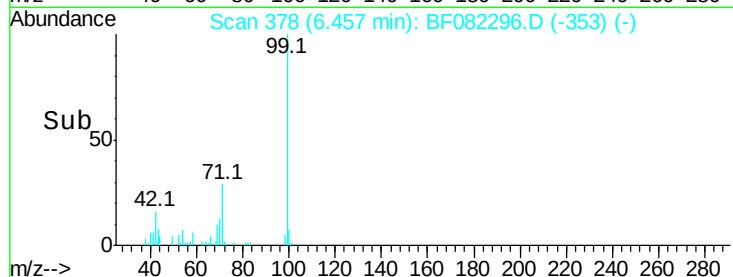
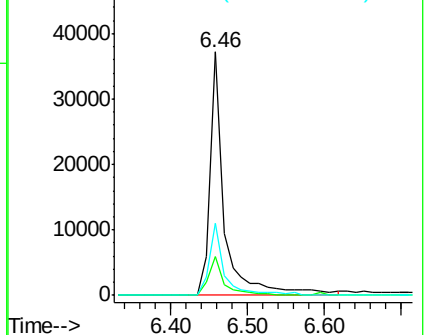
71 29.5 25.6 38.4



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.11 min Scan# 523

Delta R.T. 0.00 min

Lab File: BF082296.D

Acq: 15 Oct 2015 8:41

Tgt Ion: 136 Resp: 321513

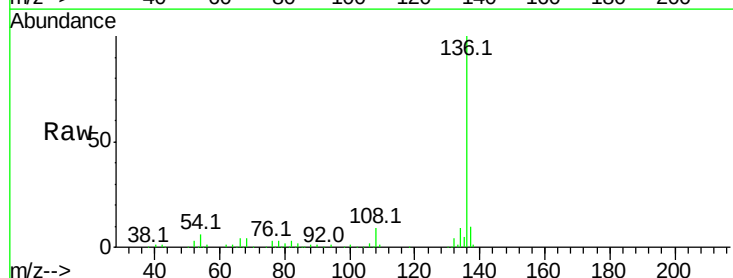
Ion Ratio Lower Upper

136 100

137 10.5 9.0 13.6

54 6.1 7.5 11.3#

68 4.2 4.6 7.0#

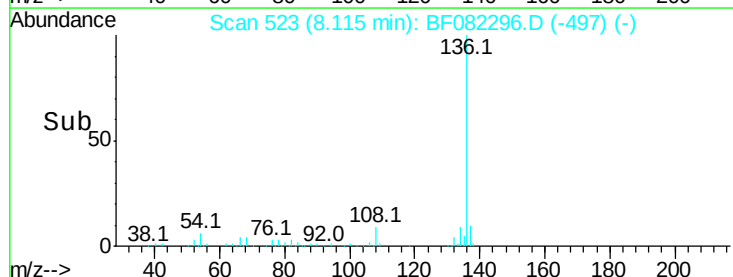
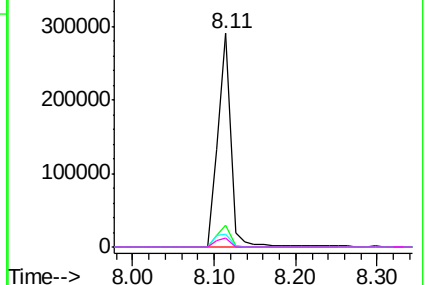


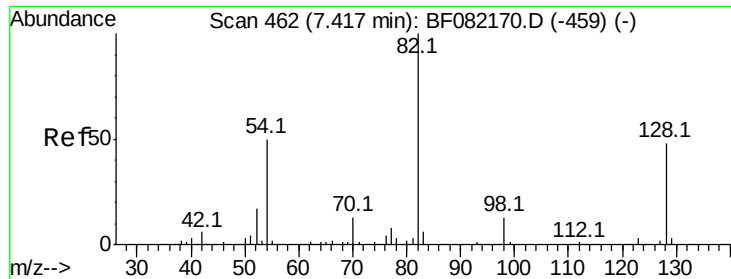
Abundance Ion 136.00 (135.70 to 136.70): E

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

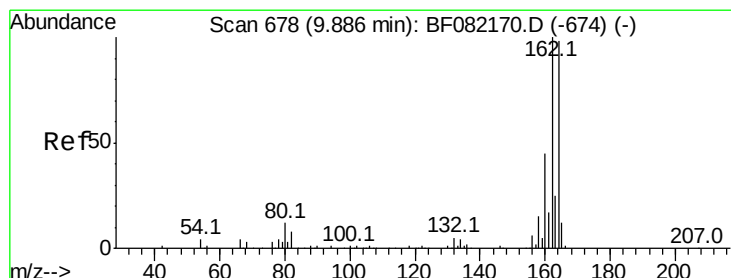
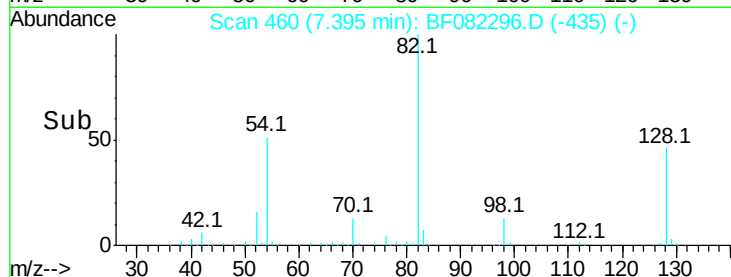
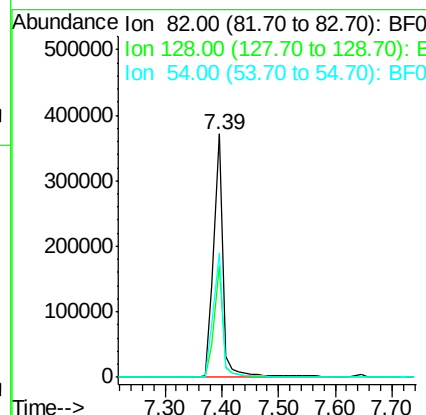
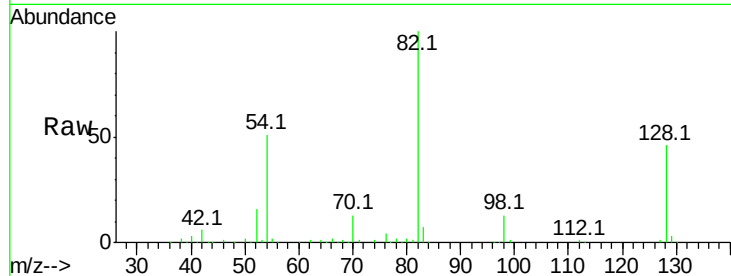




#23
Nitrobenzene-d5
Concen: 86.54 ng
RT: 7.39 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF082296.D
Acq: 15 Oct 2015 8:41

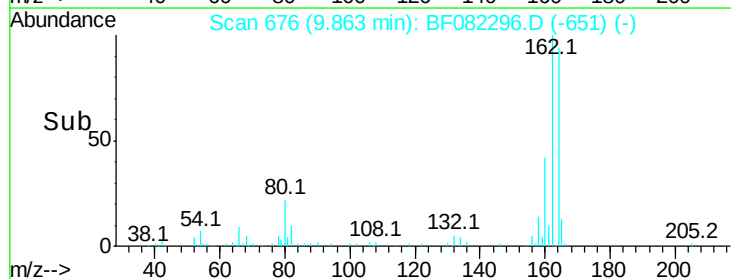
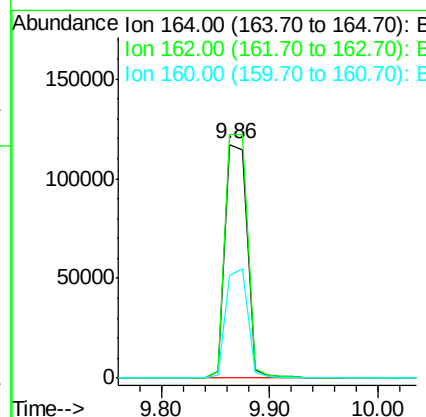
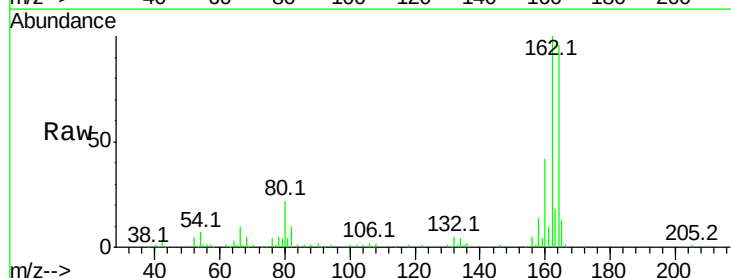
Instrument :
BNA_F
ClientSampled :
CS-8

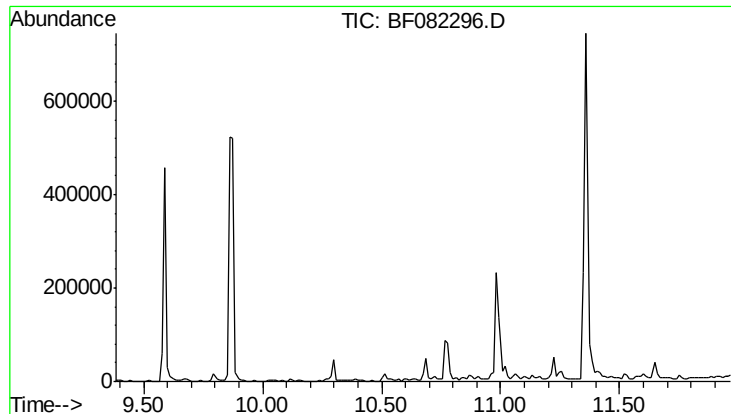
Tot Ion: 82 Resp: 414333
Ion Ratio Lower Upper
82 100
128 46.1 38.7 58.1
54 51.0 40.1 60.1



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.86 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF082296.D
Acq: 15 Oct 2015 8:41

Tgt Ion:164 Resp: 166122
Ion Ratio Lower Upper
164 100
162 104.1 81.6 122.4
160 44.1 36.4 54.6





#41

2,4,6-Tribromophenol

Concen: 0.00 ng

Expected RT: 10.67 min

Lab File: BF082296.D

Acq: 15 Oct 2015 8:41

Instrument :

BNA_F

ClientSampleId :

CS-8

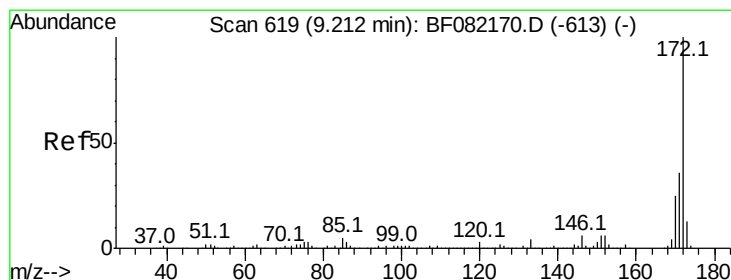
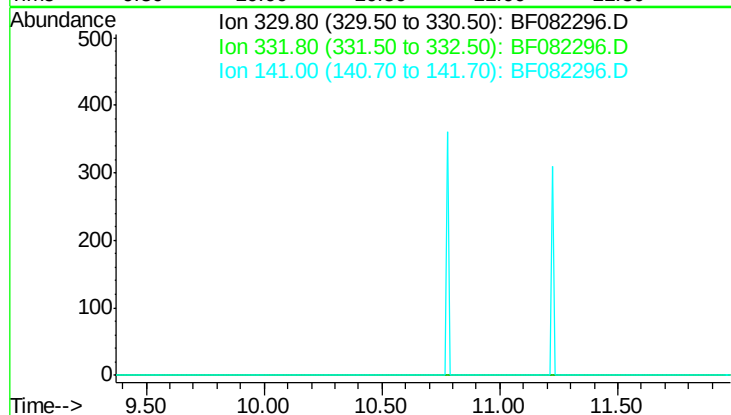
Tot Ion: 330

Sig Exp Ratio

330 100

332 96.4

141 37.3



#44

2-Fluorobiphenyl

Concen: 77.60 ng

RT: 9.19 min Scan# 617

Delta R.T. -0.01 min

Lab File: BF082296.D

Acq: 15 Oct 2015 8:41

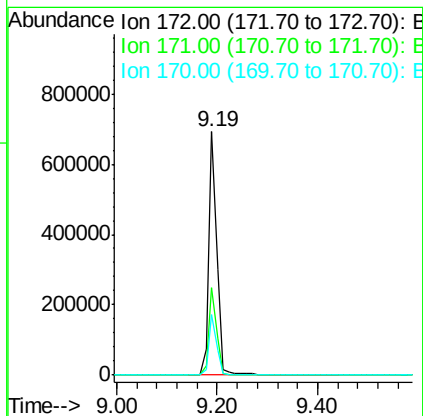
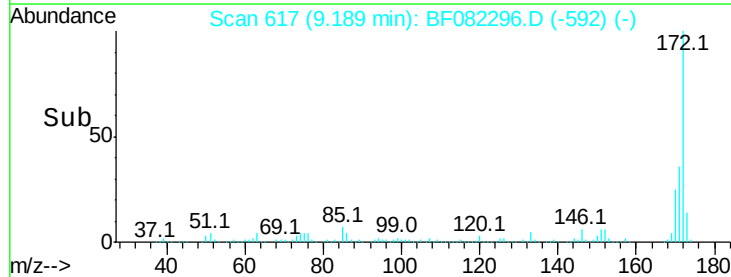
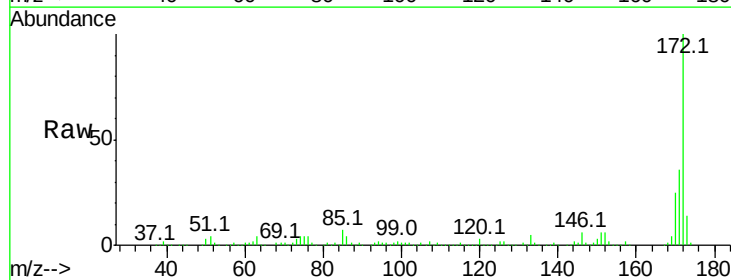
Tgt Ion:172 Resp: 777316

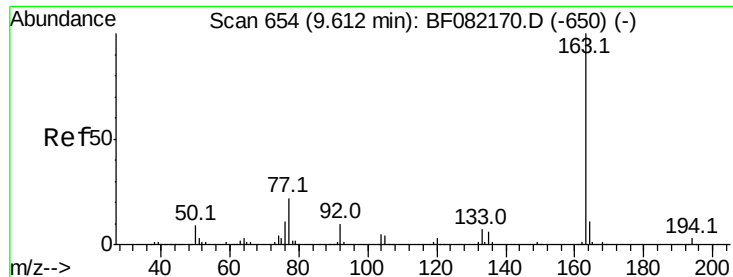
Ion Ratio Lower Upper

172 100

171 36.2 28.6 42.8

170 24.7 19.7 29.5





#49

Dimethylphthalate

Concen: 16.22 ng

RT: 9.59 min Scan# 652

Delta R.T. -0.02 min

Lab File: BF082296.D

Acq: 15 Oct 2015 8:41

Instrument :

BNA_F

ClientSampleId :

CS-8

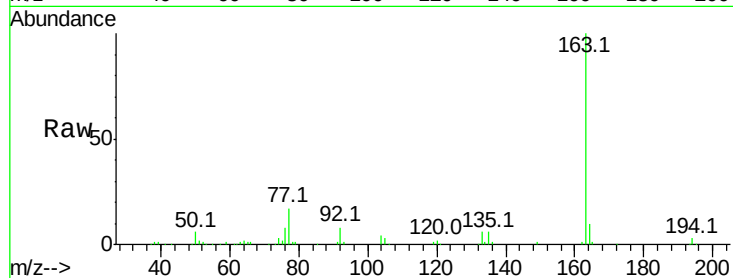
Tot Ion:163 Resp: 189775

Ion Ratio Lower Upper

163 100

194 3.3 2.6 4.0

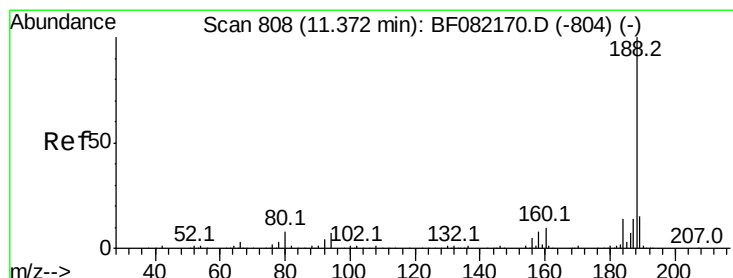
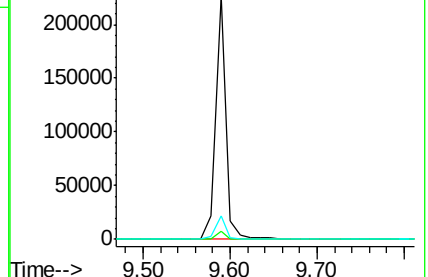
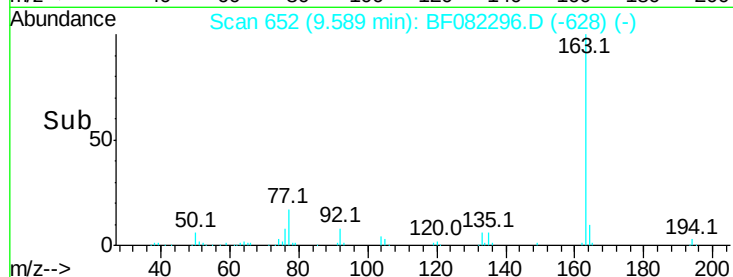
164 9.8 8.5 12.7



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



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.36 min Scan# 807

Delta R.T. 0.00 min

Lab File: BF082296.D

Acq: 15 Oct 2015 8:41

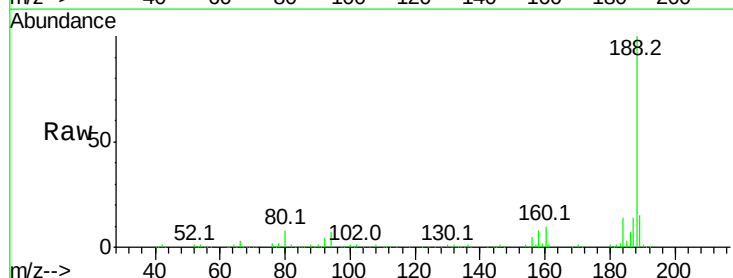
Tgt Ion:188 Resp: 324231

Ion Ratio Lower Upper

188 100

94 7.3 5.8 8.6

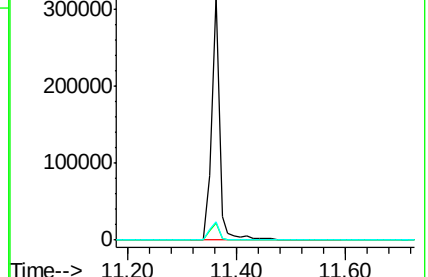
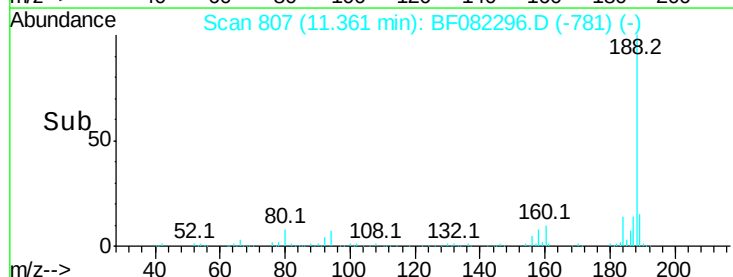
80 7.7 6.4 9.6

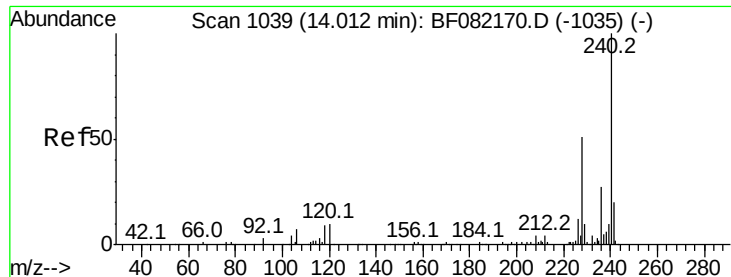


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.06 min Scan# 1043

Delta R.T. -0.03 min

Lab File: BF082296.D

Acq: 15 Oct 2015 8:41

Instrument :

BNA_F

ClientSampled :

CS-8

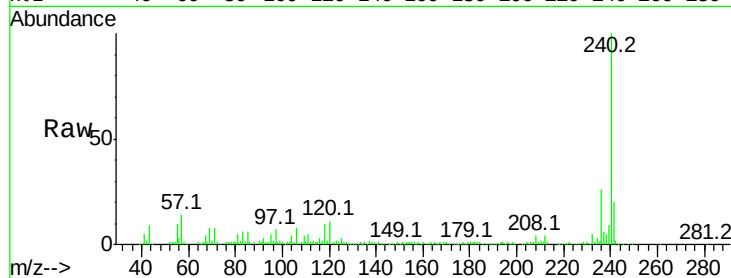
Tot Ion:240 Resp: 245905

Ion Ratio Lower Upper

240 100

120 11.1 8.1 12.1

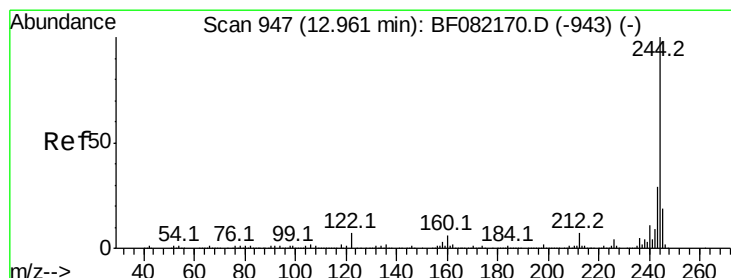
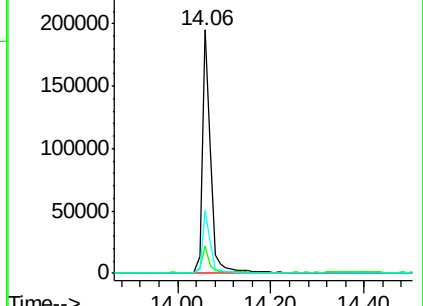
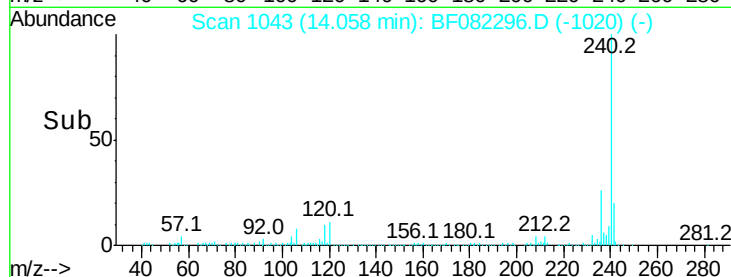
236 25.8 21.3 31.9



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: 94.69 ng

RT: 12.96 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF082296.D

Acq: 15 Oct 2015 8:41

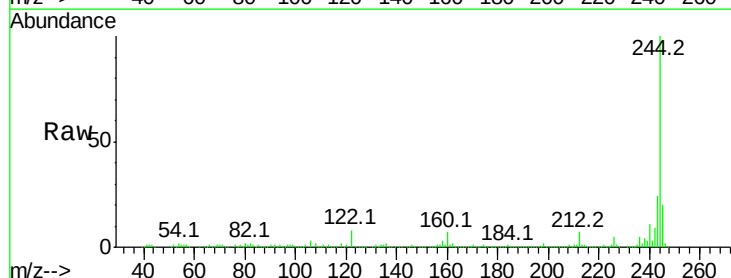
Tgt Ion:244 Resp: 878657

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

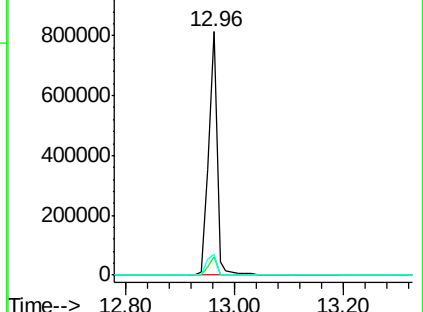
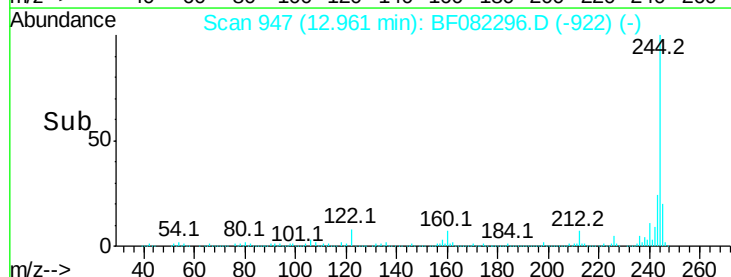
122 8.4 5.9 8.9

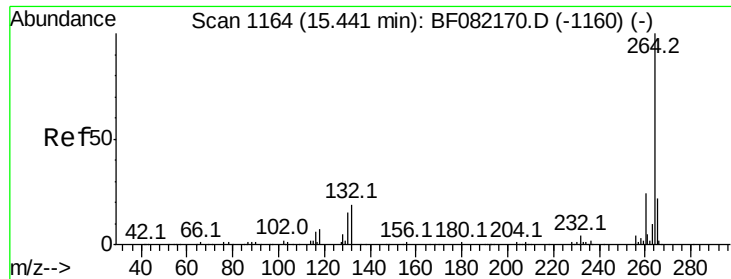


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

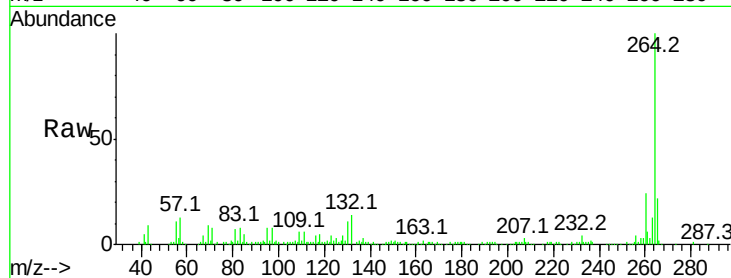




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.61 min Scan# 1179
Delta R.T. -0.05 min
Lab File: BF082296.D
Acq: 15 Oct 2015 8:41

Instrument :
BNA_F
ClientSampleId :
CS-8

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.0	28.6
265	21.9	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

