

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030217\
 Data File : BF093329.D
 Acq On : 2 Mar 2017 19:10
 Operator : SJ/MA
 Sample : I2052-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CPS133051

Quant Time: Mar 03 01:08:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 03 00:22:20 2017
 Response via : Initial Calibration

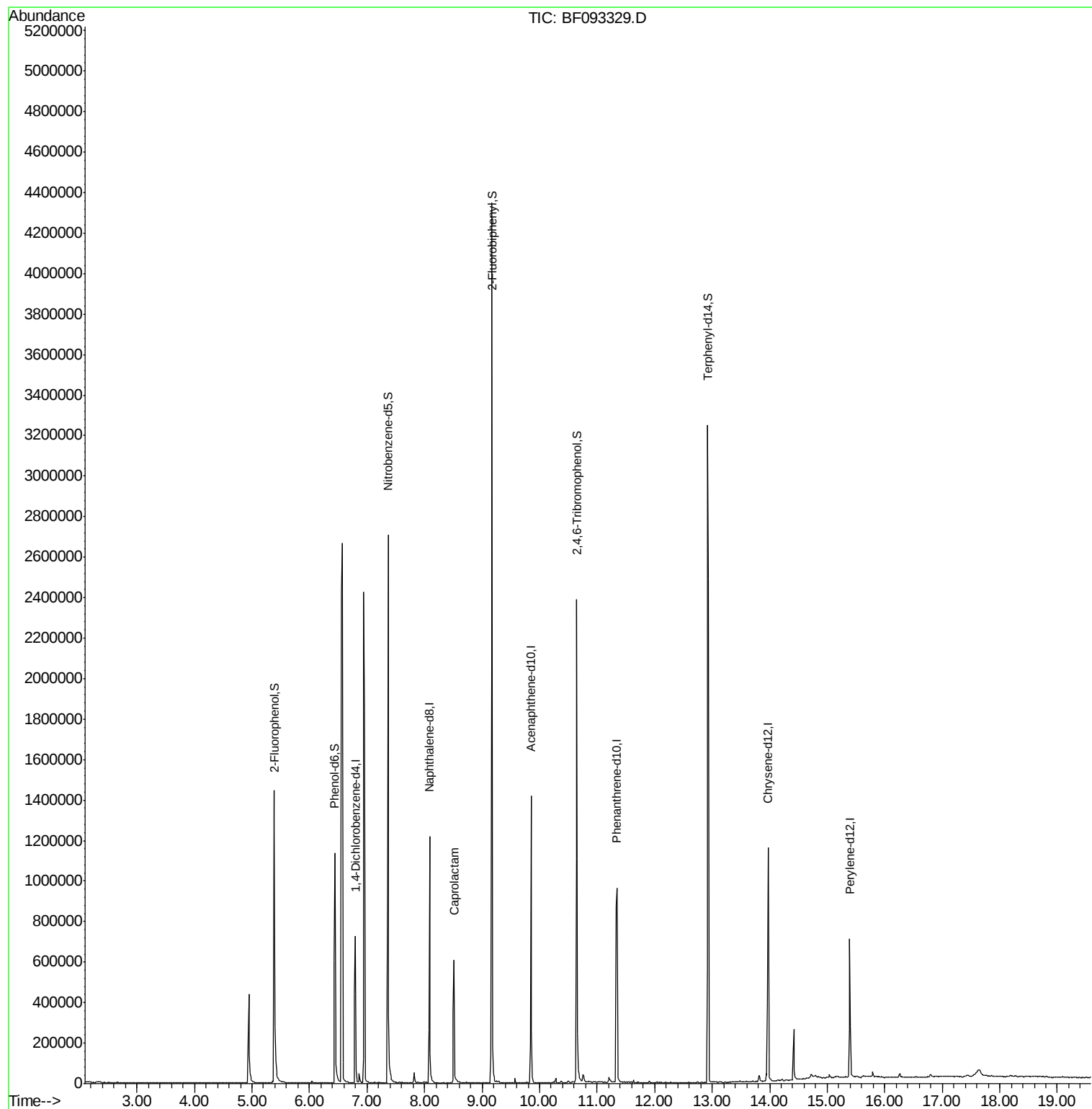
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	138833	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	584613	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	279546	20.00	ng	-0.01
63) Phenanthrene-d10	11.35	188	525510	20.00	ng	0.00
75) Chrysene-d12	13.97	240	426212	20.00	ng	-0.01
86) Perylene-d12	15.39	264	289493	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	636231	78.62	ng	0.00
7) Phenol-d6	6.44	99	530760	50.98	ng	-0.01
23) Nitrobenzene-d5	7.37	82	973868	92.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.65	330	286386	141.65	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	1570927	101.81	ng	0.00
78) Terphenyl-d14	12.92	244	1461434	80.57	ng	0.00
Target Compounds						
35) Caprolactam	8.51	113	68197	25.83	ng	Qvalue # 42

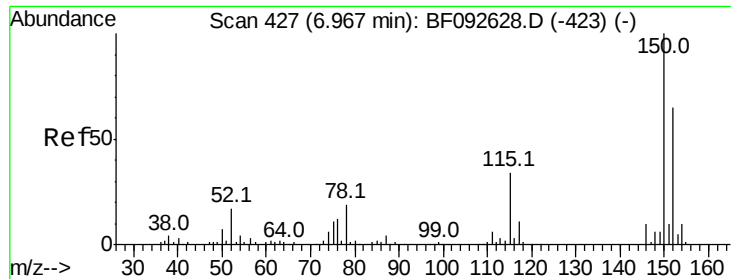
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF093329.D

Acq: 2 Mar 2017 19:10

Instrument :

BNA_F

ClientSampleId :

CPS133051

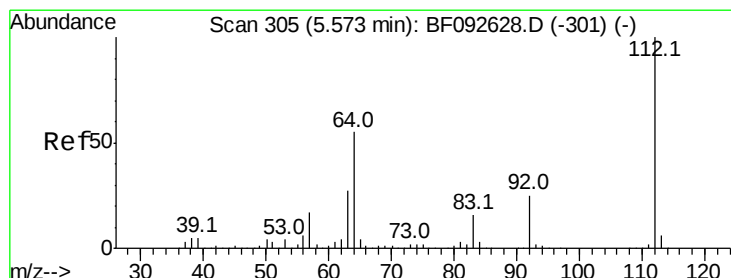
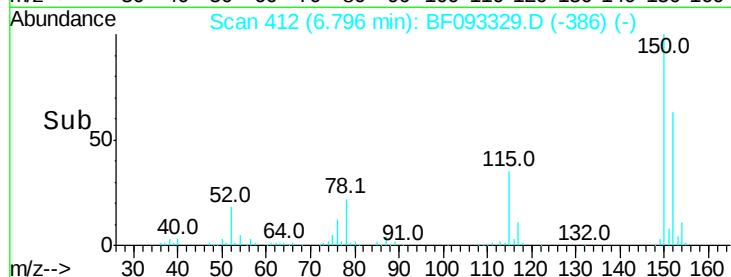
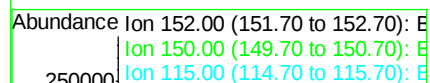
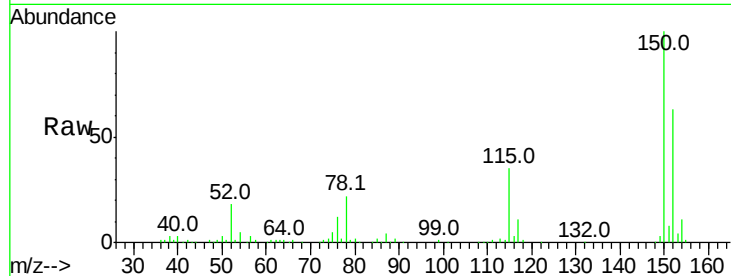
Tot Ion:152 Resp: 138833

Ion Ratio Lower Upper

152 100

150 158.4 124.9 187.3

115 56.1 46.0 69.0



#5

2-Fluorophenol

Concen: 78.62 ng

RT: 5.39 min Scan# 289

Delta R.T. 0.00 min

Lab File: BF093329.D

Acq: 2 Mar 2017 19:10

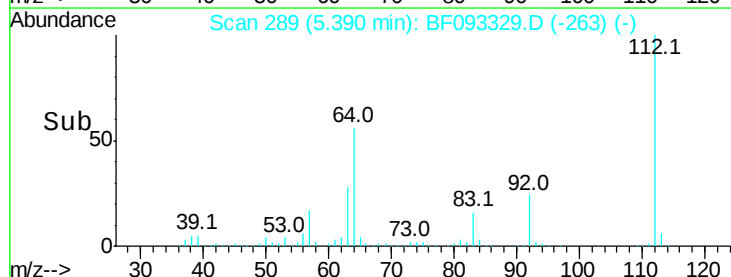
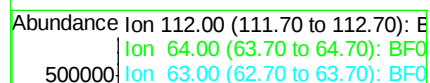
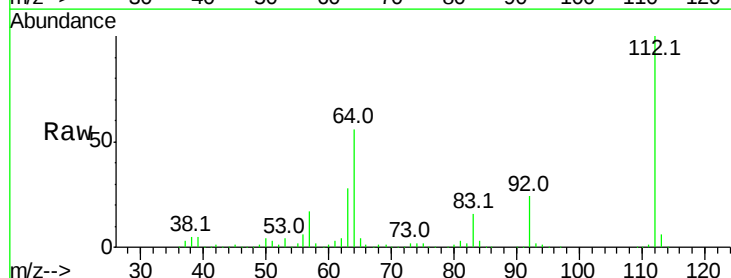
Tgt Ion:112 Resp: 636231

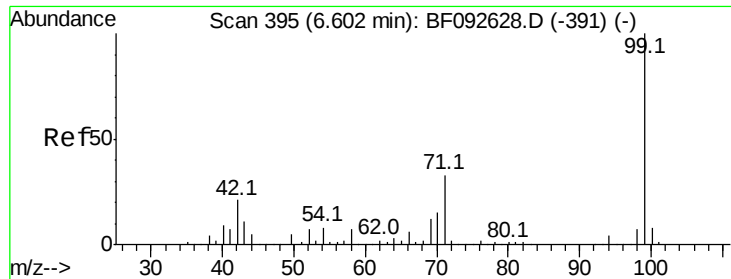
Ion Ratio Lower Upper

112 100

64 56.3 46.1 69.1

63 28.1 23.8 35.6





#7

Phenol-d6

Concen: 50.98 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.01 min

Lab File: BF093329.D

Acq: 2 Mar 2017 19:10

Instrument :

BNA_F

ClientSampleId :

CPS133051

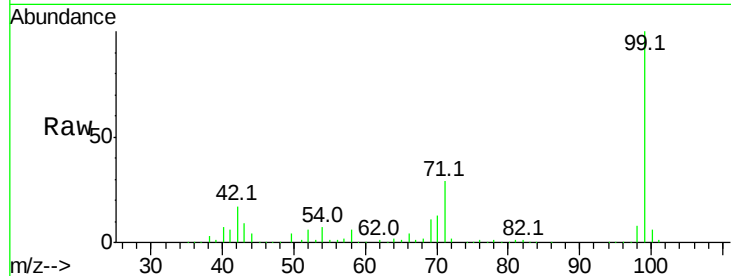
Tot Ion: 99 Resp: 530760

Ion Ratio Lower Upper

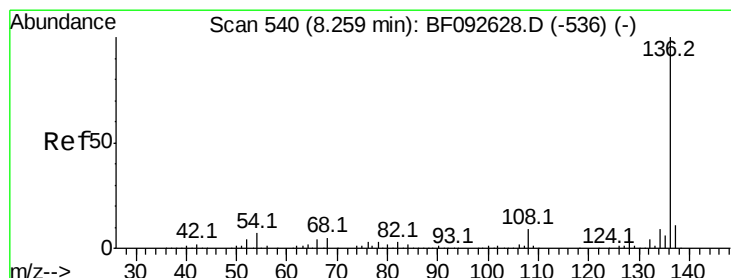
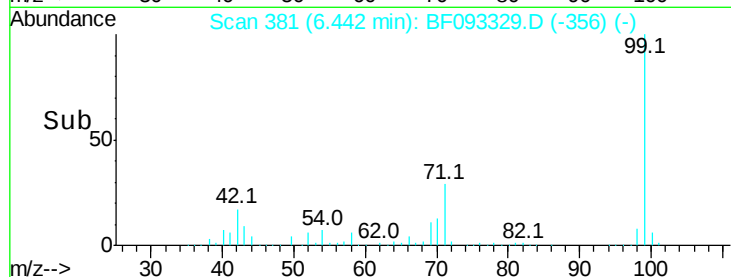
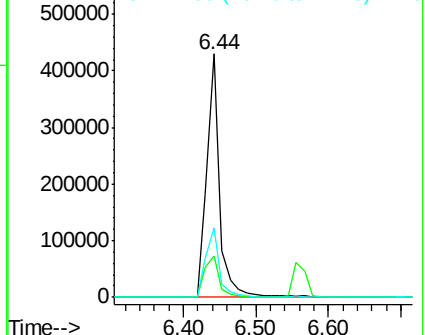
99 100

42 16.8 15.6 23.4

71 28.6 27.5 41.3



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: 8.09 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF093329.D

Acq: 2 Mar 2017 19:10

Tgt Ion: 136 Resp: 584613

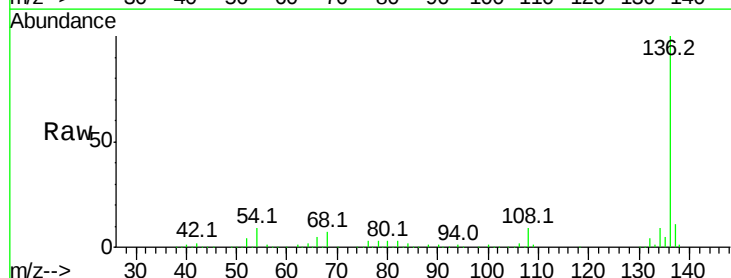
Ion Ratio Lower Upper

136 100

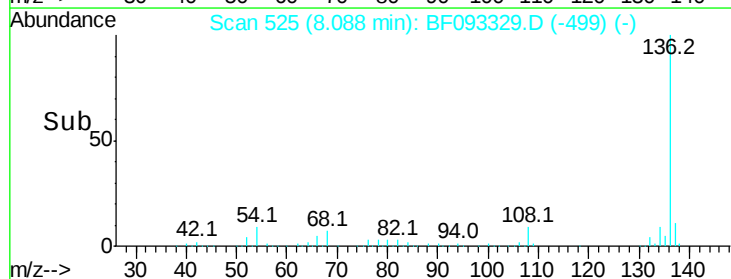
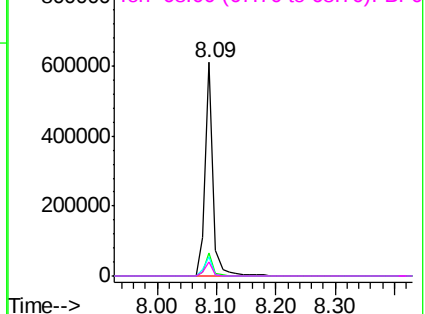
137 10.8 8.4 12.6

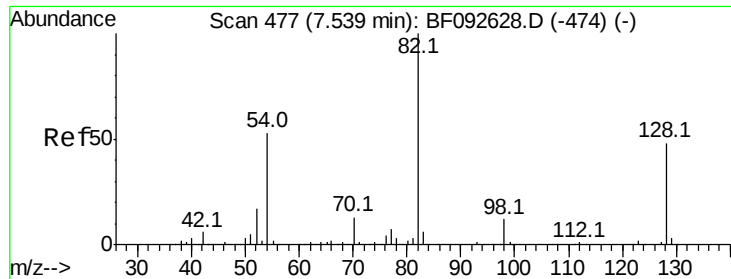
54 8.9 4.5 6.7#

68 6.9 3.6 5.4#



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

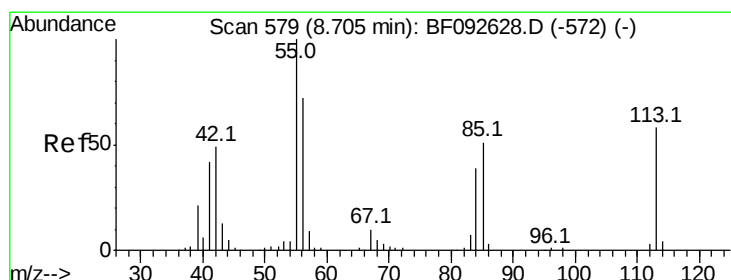
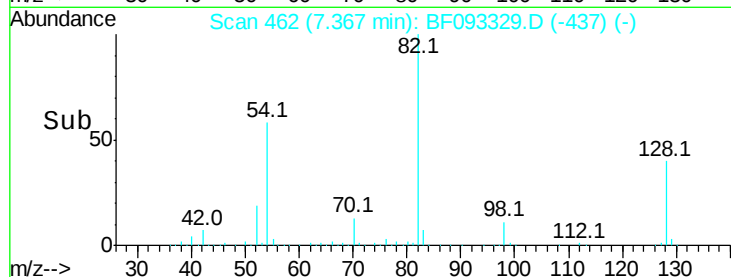
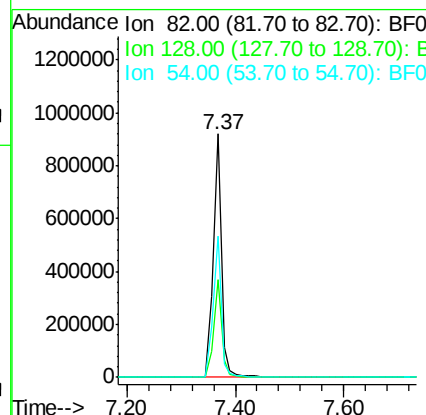
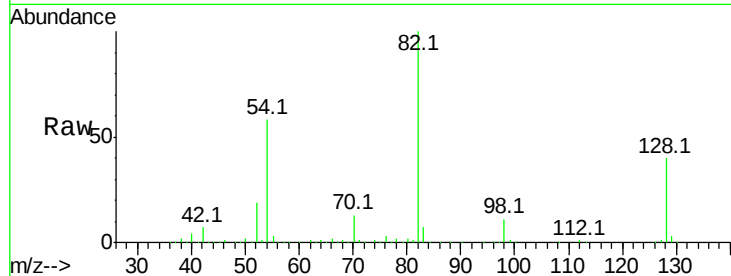




#23
Nitrobenzene-d5
Concen: 92.77 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.01 min
Lab File: BF093329.D
Acq: 2 Mar 2017 19:10

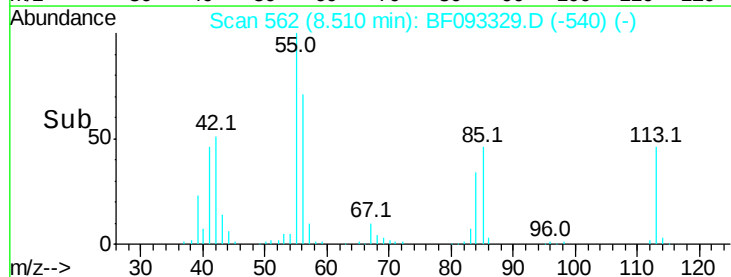
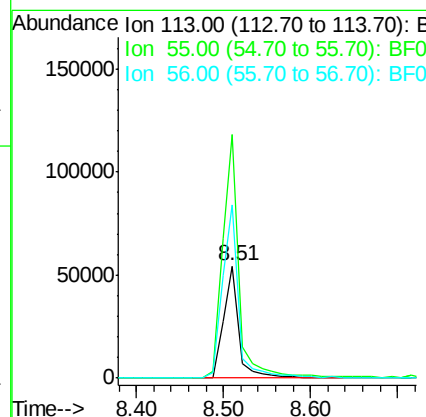
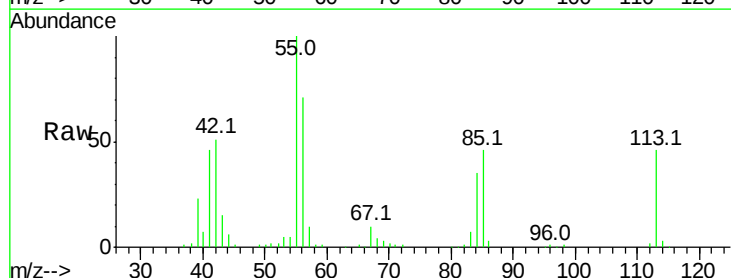
Instrument :
BNA_F
ClientSampleId :
CPS133051

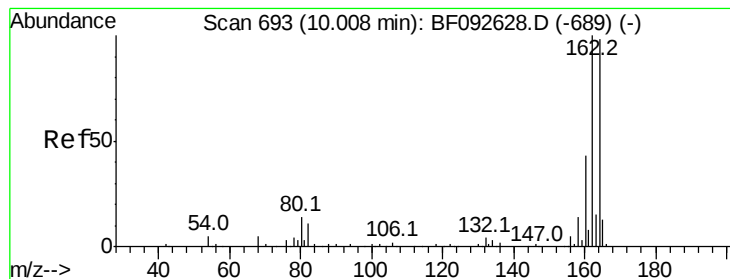
Tot Ion: 82 Resp: 973868
Ion Ratio Lower Upper
82 100
128 40.3 34.6 52.0
54 58.2 39.5 59.3



#35
Caprolactam
Concen: 25.83 ng
RT: 8.51 min Scan# 562
Delta R.T. -0.05 min
Lab File: BF093329.D
Acq: 2 Mar 2017 19:10

Tgt Ion: 113 Resp: 68197
Ion Ratio Lower Upper
113 100
55 216.7 119.2 159.2#
56 154.6 83.8 123.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF093329.D

Acq: 2 Mar 2017 19:10

Instrument :

BNA_F

ClientSampleId :

CPS133051

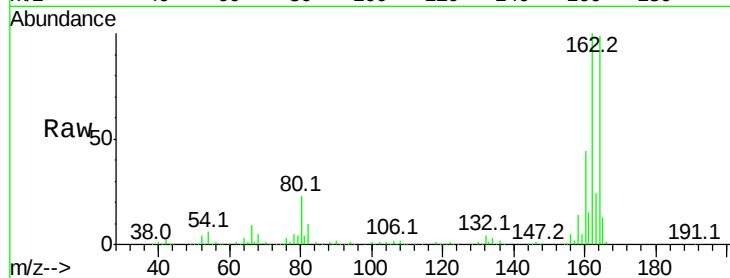
Tot Ion:164 Resp: 279546

Ion Ratio Lower Upper

164 100

162 101.4 80.2 120.2

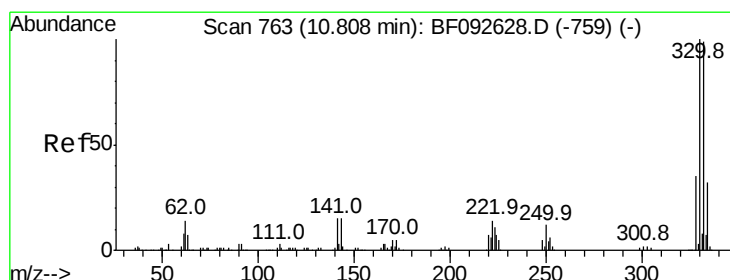
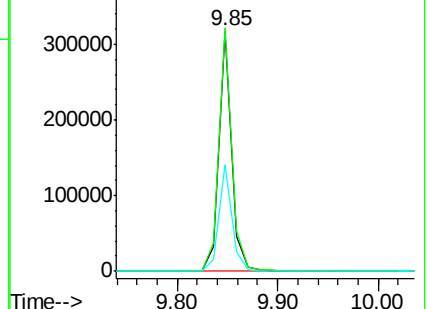
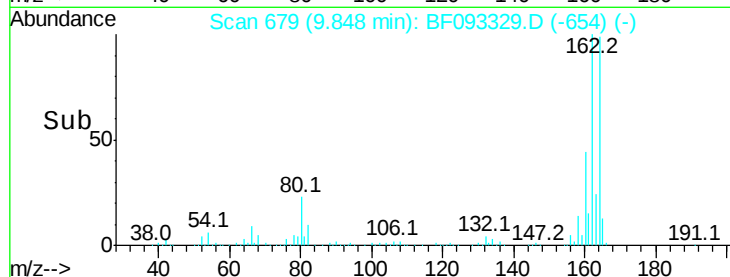
160 44.6 36.9 55.3



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: 141.65 ng

RT: 10.65 min Scan# 749

Delta R.T. -0.00 min

Lab File: BF093329.D

Acq: 2 Mar 2017 19:10

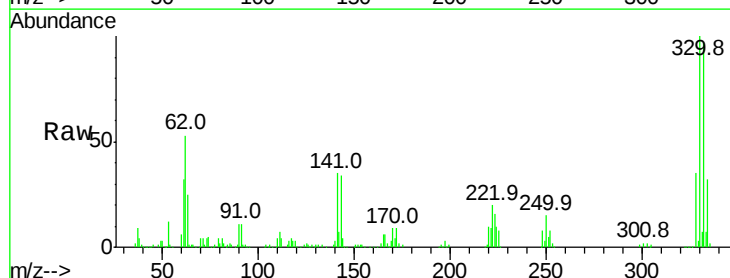
Tgt Ion:330 Resp: 286386

Ion Ratio Lower Upper

330 100

332 97.3 77.4 116.2

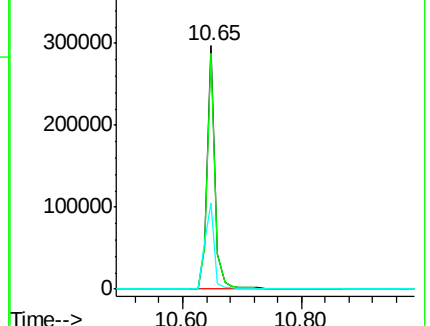
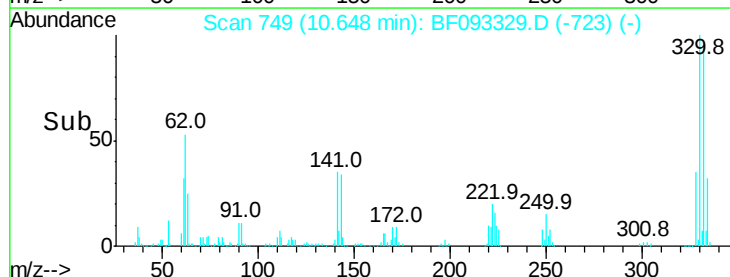
141 42.7 34.1 51.1

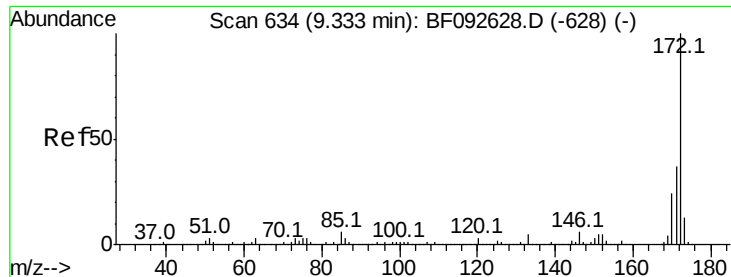


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



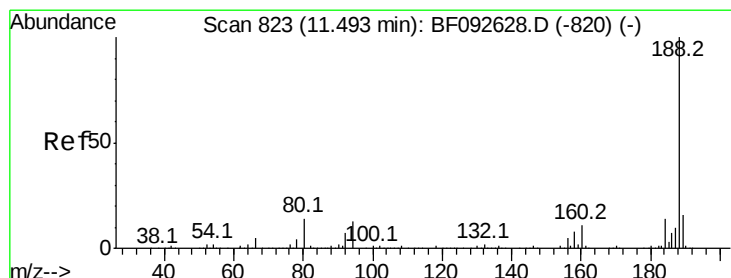
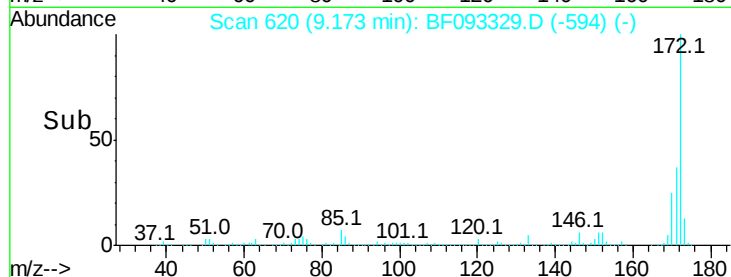
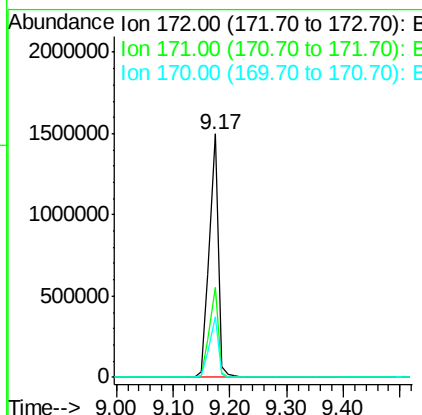
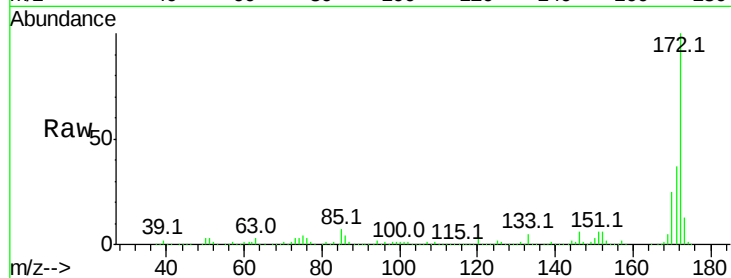


#44
 2-Fluorobiphenyl
 Concen: 101.81 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.00 min
 Lab File: BF093329.D
 Acq: 2 Mar 2017 19:10

Instrument :
 BNA_F
 ClientSampleId :
 CPS133051

Tot Ion:172 Resp: 1570927

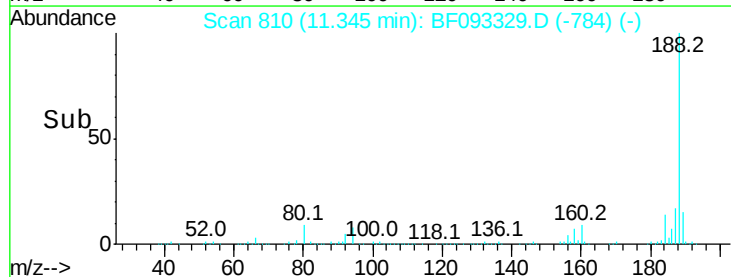
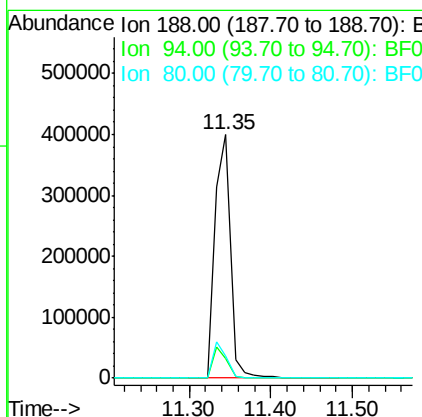
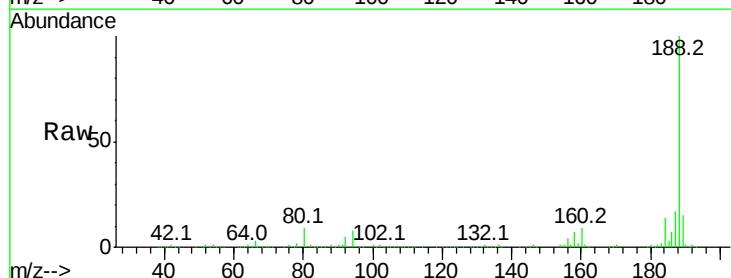
Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	24.7	20.2	30.4

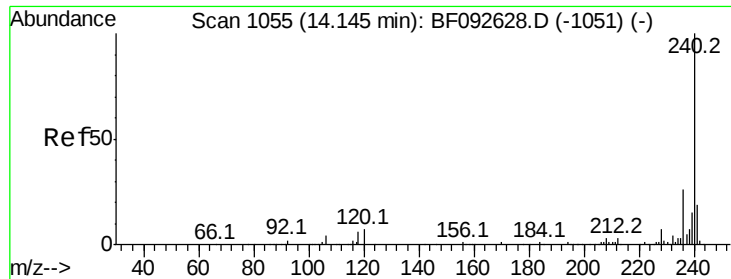


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.35 min Scan# 810
 Delta R.T. 0.00 min
 Lab File: BF093329.D
 Acq: 2 Mar 2017 19:10

Tgt Ion:188 Resp: 525510

Ion	Ratio	Lower	Upper
188	100		
94	8.3	10.0	15.0#
80	8.9	11.2	16.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF093329.D

Acq: 2 Mar 2017 19:10

Instrument :

BNA_F

ClientSampleId :

CPS133051

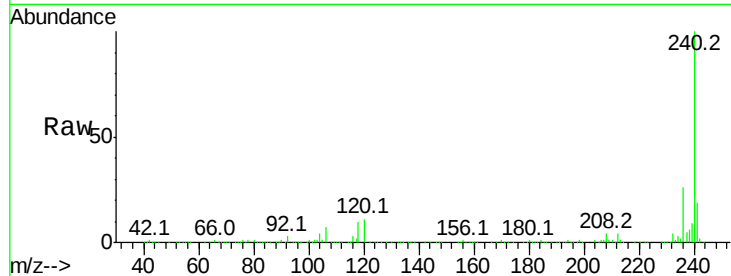
Tot Ion:240 Resp: 426212

Ion Ratio Lower Upper

240 100

120 11.3 12.9 19.3#

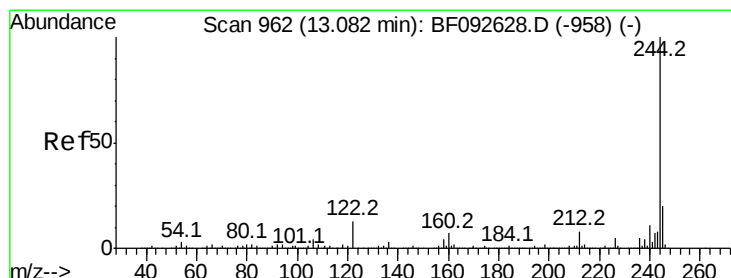
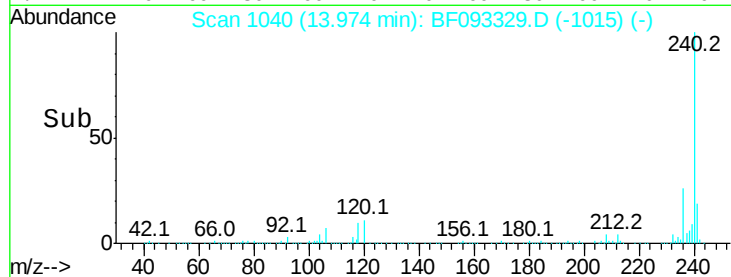
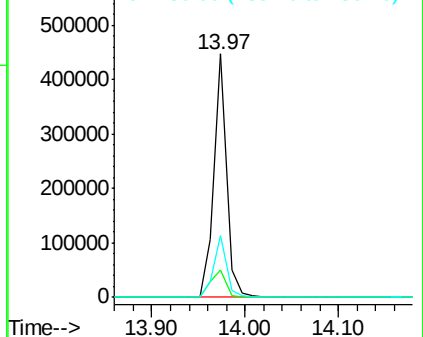
236 25.5 20.9 31.3



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: 80.57 ng

RT: 12.92 min Scan# 948

Delta R.T. 0.00 min

Lab File: BF093329.D

Acq: 2 Mar 2017 19:10

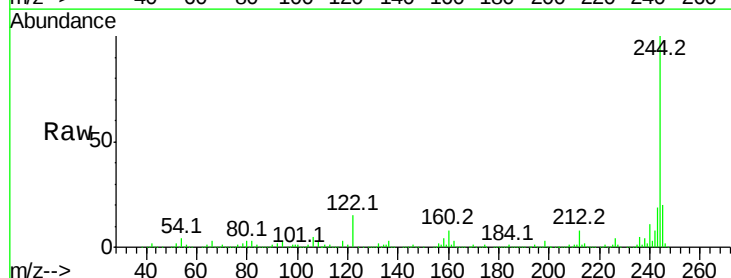
Tgt Ion:244 Resp: 1461434

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

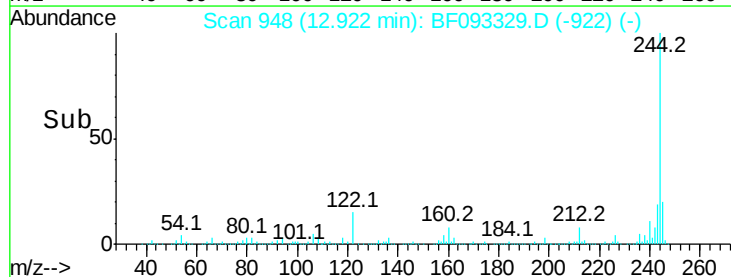
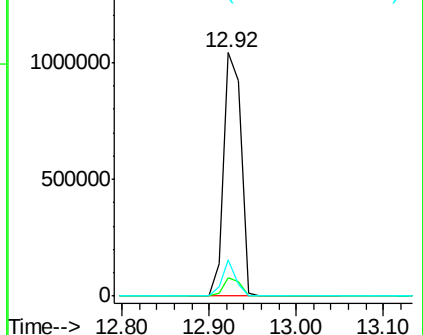
122 15.0 11.4 17.2

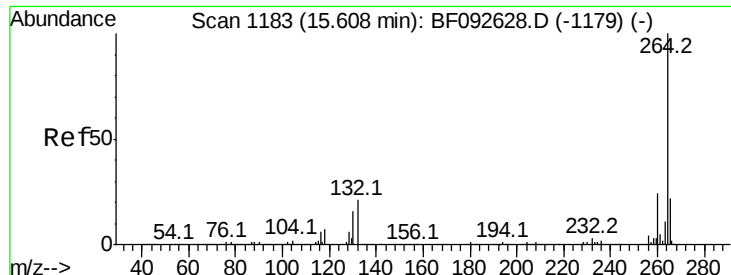


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.39 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BF093329.D
Acq: 2 Mar 2017 19:10

Instrument :
BNA_F
ClientSampleId :
CPS133051

Tot Ion:264 Resp: 289493
Ion Ratio Lower Upper
264 100
260 25.5 19.2 28.8
265 22.5 17.4 26.0

