

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120715\
 Data File : BF083571.D
 Acq On : 7 Dec 2015 22:28
 Operator : UM/IZ
 Sample : G4579-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP4(12-24)

Quant Time: Dec 08 02:15:57 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Dec 05 04:12:46 2015
 Response via : Initial Calibration

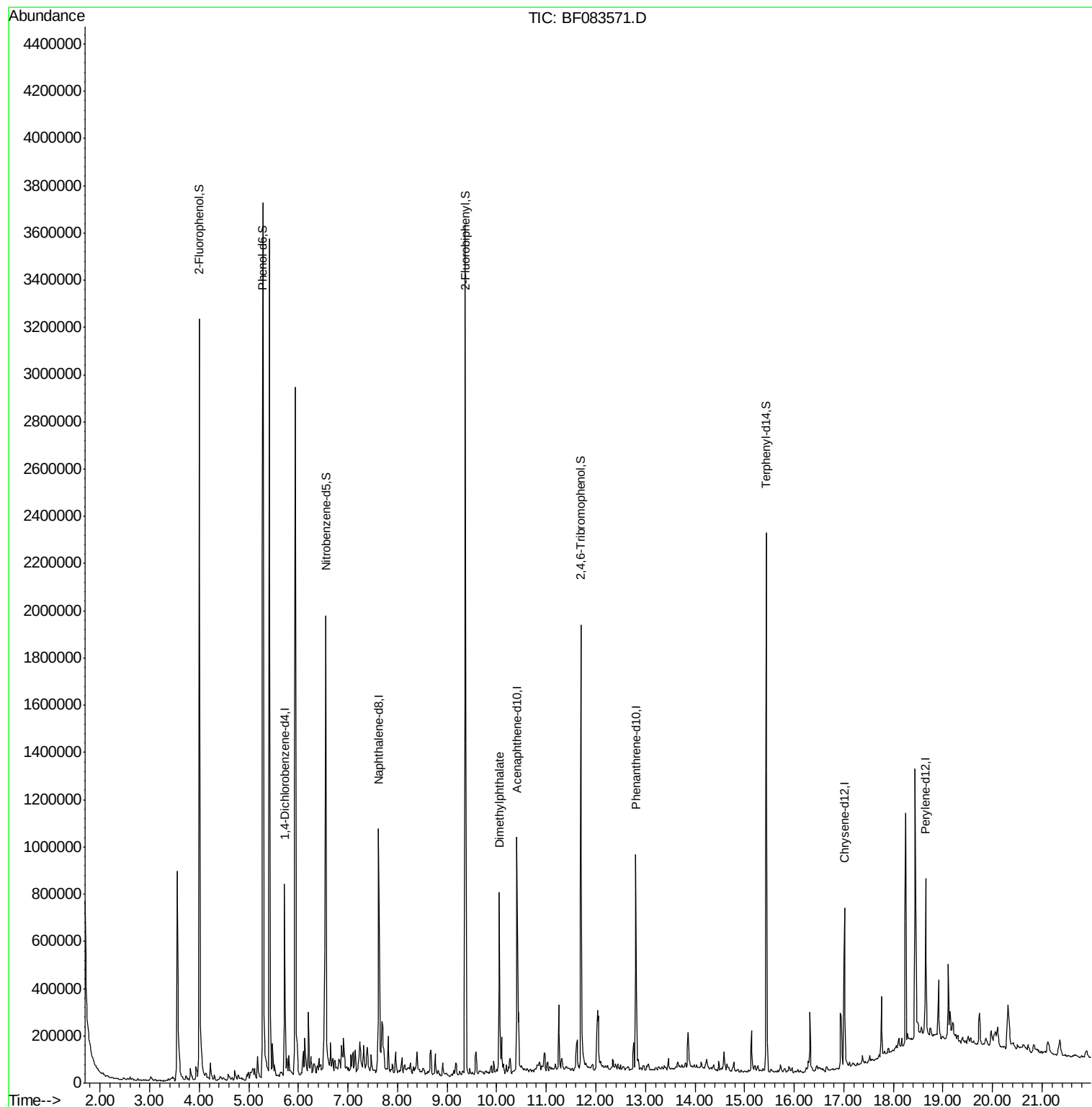
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.72	152	157480	20.00	ng	-0.05
21) Naphthalene-d8	7.62	136	594752	20.00	ng	-0.06
38) Acenaphthene-d10	10.41	164	275710	20.00	ng	-0.06
63) Phenanthrene-d10	12.81	188	438952	20.00	ng	-0.05
75) Chrysene-d12	17.01	240	342330	20.00	ng	-0.03
86) Perylene-d12	18.65	264	316092	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.00	112	1271513	122.49	ng	-0.03
7) Phenol-d6	5.29	99	1748777	122.28	ng	-0.03
23) Nitrobenzene-d5	6.56	82	1136485	89.32	ng	-0.05
41) 2,4,6-Tribromophenol	11.70	330	293883	115.55	ng	-0.06
44) 2-Fluorobiphenyl	9.37	172	1563733	76.93	ng	-0.06
78) Terphenyl-d14	15.44	244	1075248	69.89	ng	-0.05
Target Compounds						
49) Dimethylphthalate	10.05	163	402091	18.53	ng	Qvalue 98

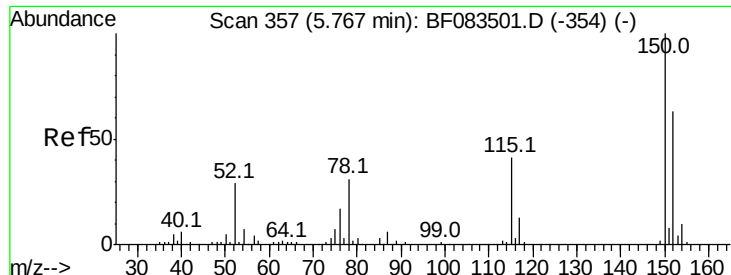
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.72 min Scan# 353

Delta R.T. -0.05 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

Instrument :

BNA_F

ClientSampleId :

TP4(12-24)

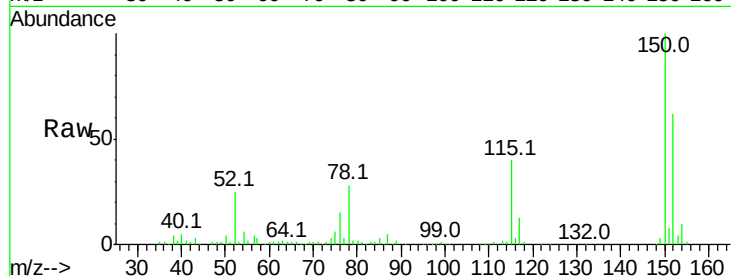
Tot Ion:152 Resp: 157480

Ion Ratio Lower Upper

152 100

150 160.4 126.5 189.7

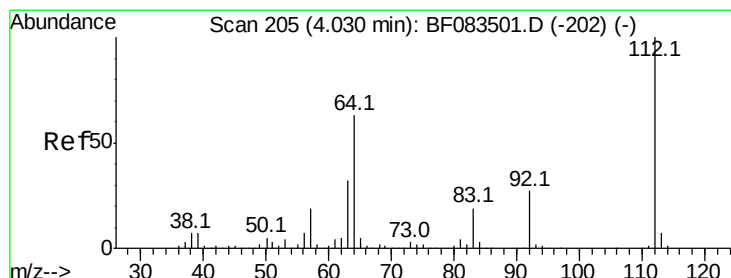
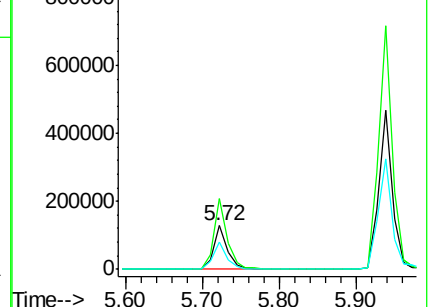
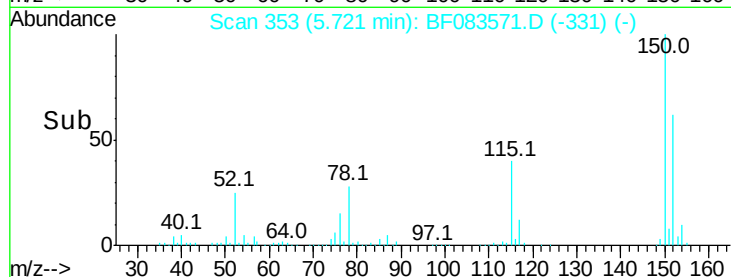
115 63.6 52.3 78.5



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: 122.49 ng

RT: 4.00 min Scan# 202

Delta R.T. -0.03 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

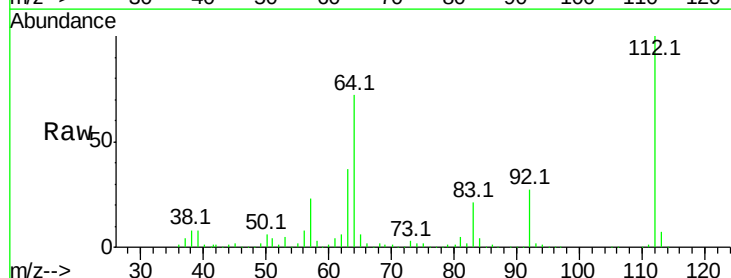
Tgt Ion:112 Resp: 1271513

Ion Ratio Lower Upper

112 100

64 71.9 50.5 75.7

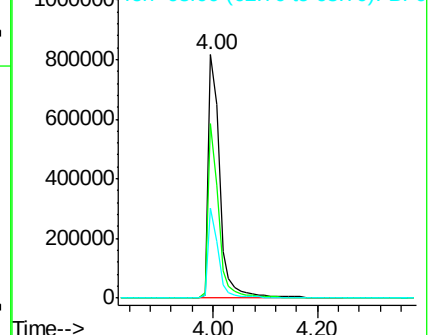
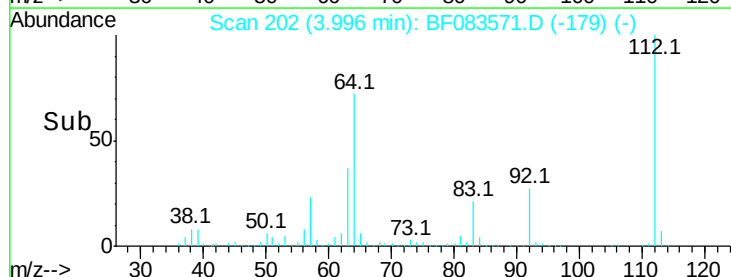
63 37.0 25.8 38.6

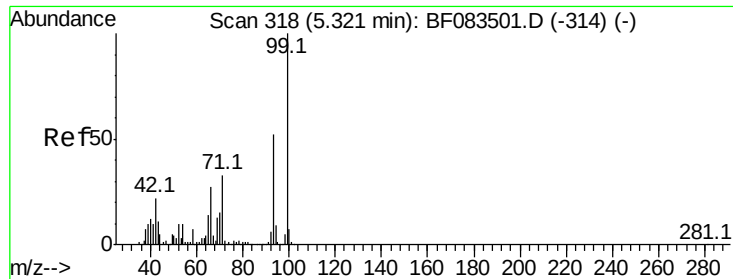


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 122.28 ng

RT: 5.29 min Scan# 315

Delta R.T. -0.03 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

Instrument :

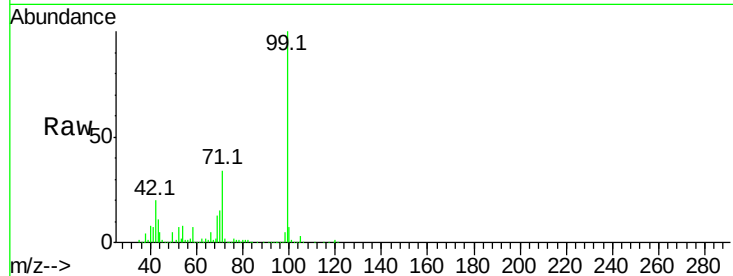
BNA_F

ClientSampleId :

TP4(12-24)

Tot Ion: 99 Resp: 1748777

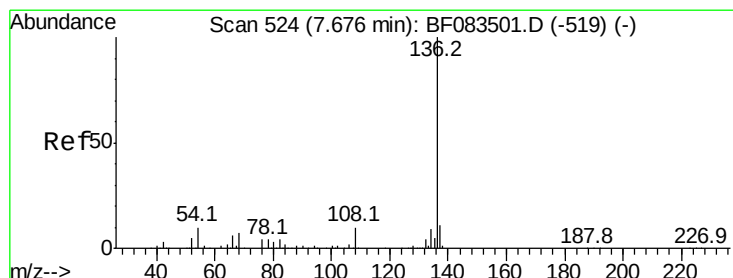
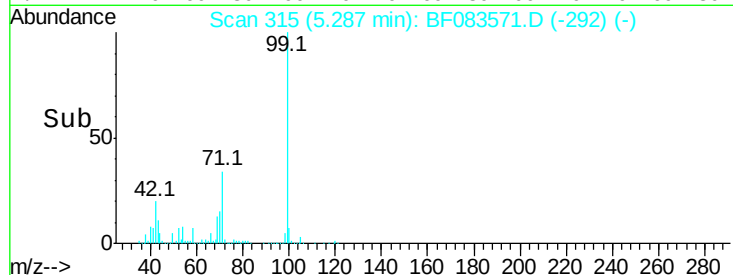
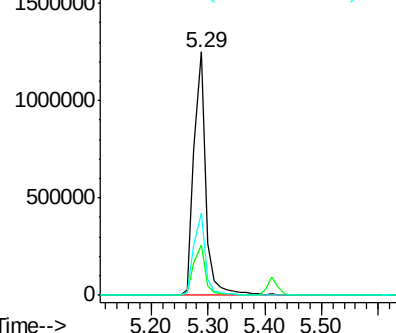
Ion	Ratio	Lower	Upper
99	100		
42	20.4	17.3	25.9
71	33.9	26.6	40.0



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: 7.62 min Scan# 519

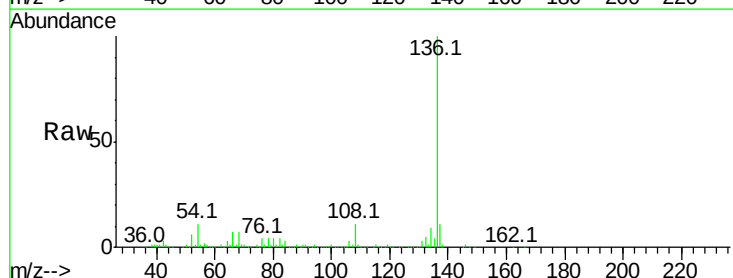
Delta R.T. -0.06 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

Tgt Ion: 136 Resp: 594752

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.7	13.1
54	10.8	7.8	11.6
68	7.5	5.7	8.5

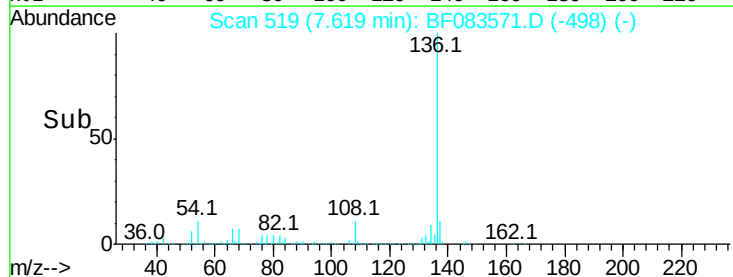
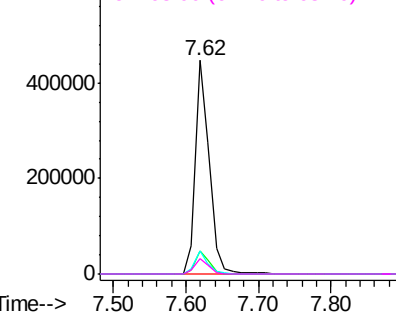


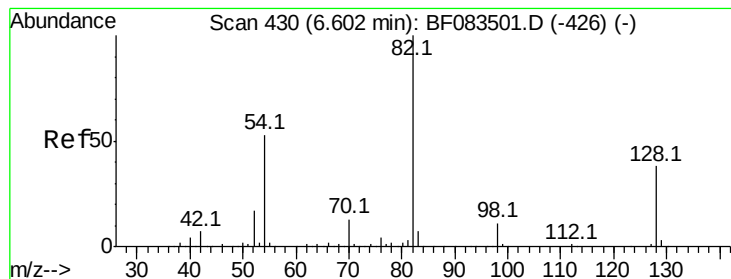
Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.32 ng

RT: 6.56 min Scan# 426

Delta R.T. -0.05 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

Instrument :

BNA_F

ClientSampled :

TP4(12-24)

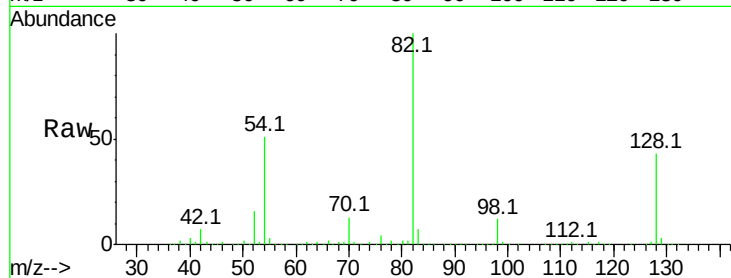
Tot Ion: 82 Resp: 1136485

Ion Ratio Lower Upper

82 100

128 42.9 30.7 46.1

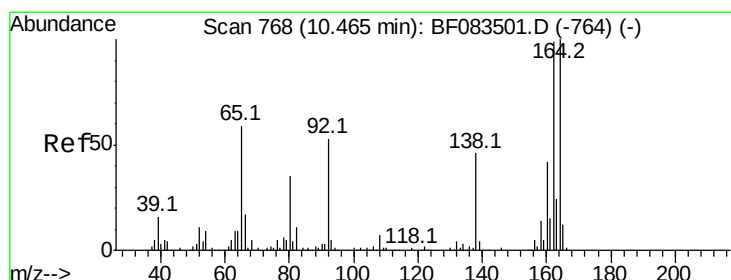
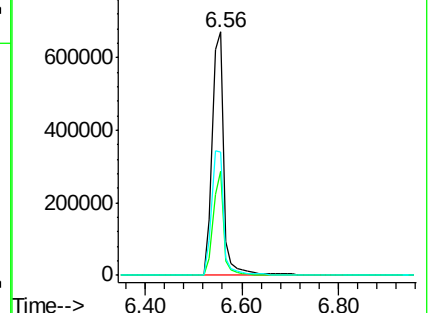
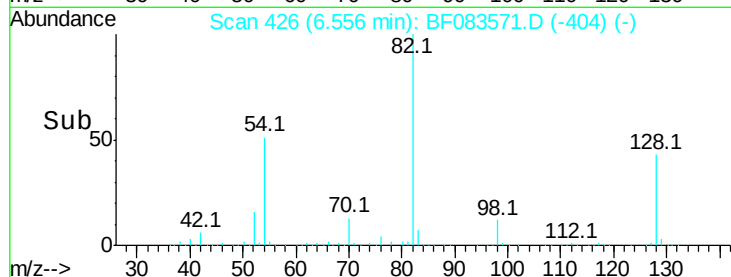
54 50.8 42.5 63.7



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



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.41 min Scan# 763

Delta R.T. -0.06 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

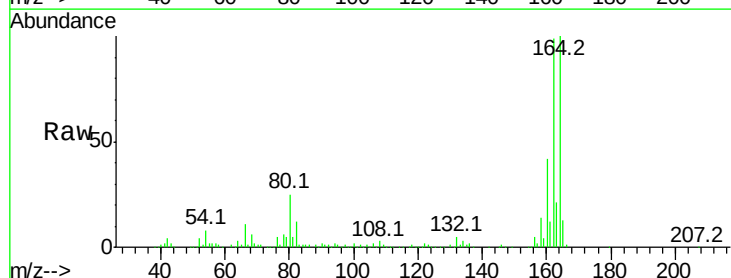
Tgt Ion:164 Resp: 275710

Ion Ratio Lower Upper

164 100

162 98.8 78.8 118.2

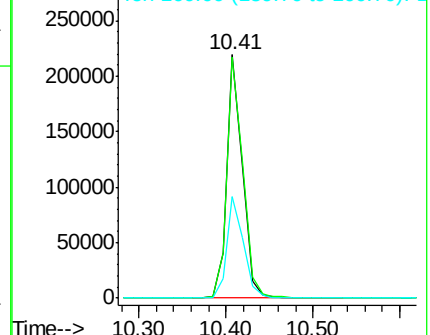
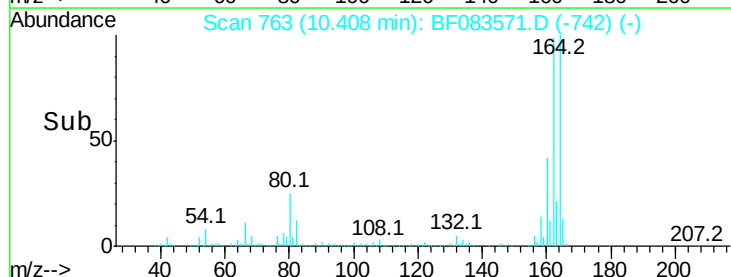
160 41.9 33.4 50.2

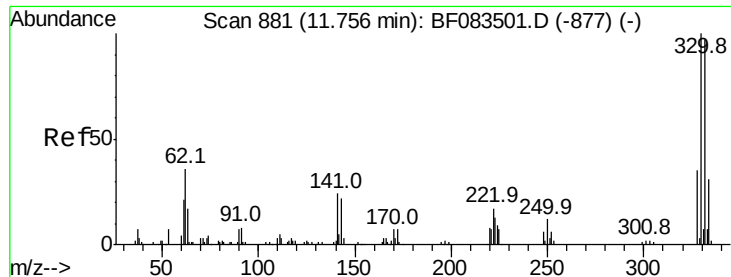


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

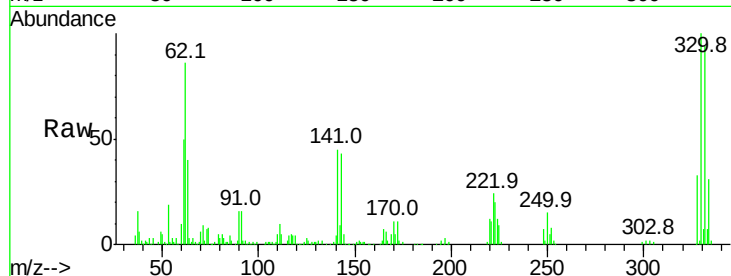




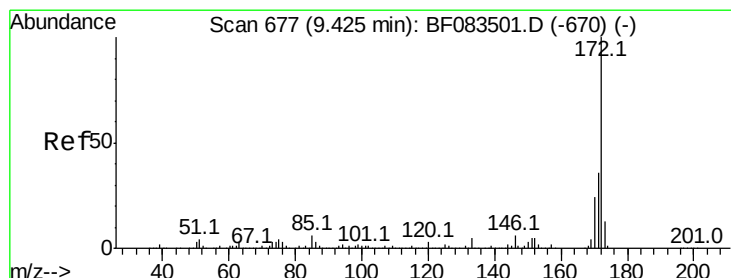
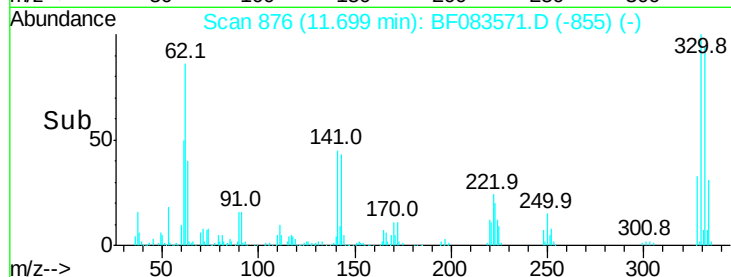
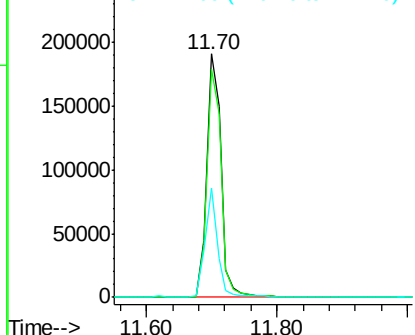
#41
 2,4,6-Tribromophenol
 Concen: 115.55 ng
 RT: 11.70 min Scan# 876
 Delta R.T. -0.06 min
 Lab File: BF083571.D
 Acq: 7 Dec 2015 22:28

Instrument :
 BNA_F
 ClientSampleId :
 TP4(12-24)

Tot Ion:330 Resp: 293883
 Ion Ratio Lower Upper
 330 100
 332 95.0 0.0 0.0#
 141 38.6 0.0 0.0#

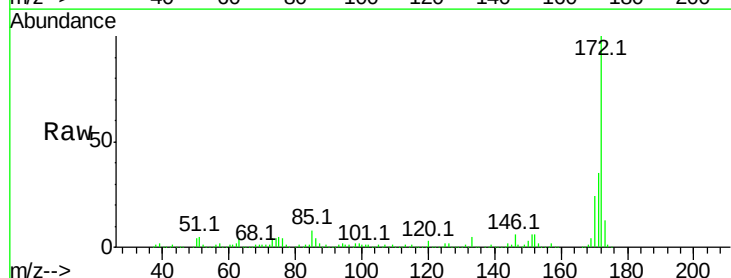


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

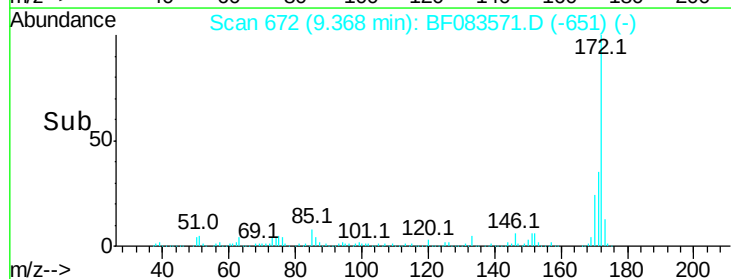
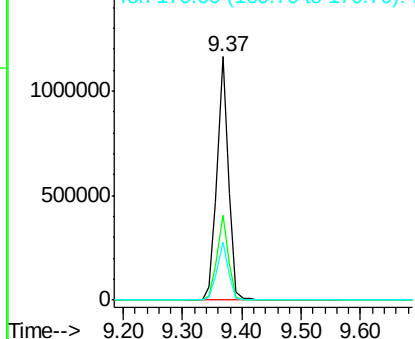


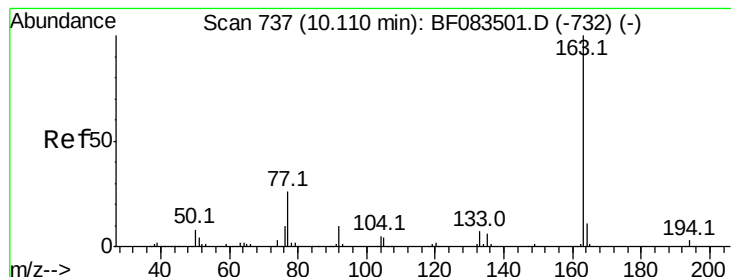
#44
 2-Fluorobiphenyl
 Concen: 76.93 ng
 RT: 9.37 min Scan# 672
 Delta R.T. -0.06 min
 Lab File: BF083571.D
 Acq: 7 Dec 2015 22:28

Tgt Ion:172 Resp: 1563733
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.6 42.8
 170 24.1 19.4 29.0



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: 18.53 ng

RT: 10.05 min Scan# 732

Delta R.T. -0.06 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

Instrument :

BNA_F

ClientSampleId :

TP4(12-24)

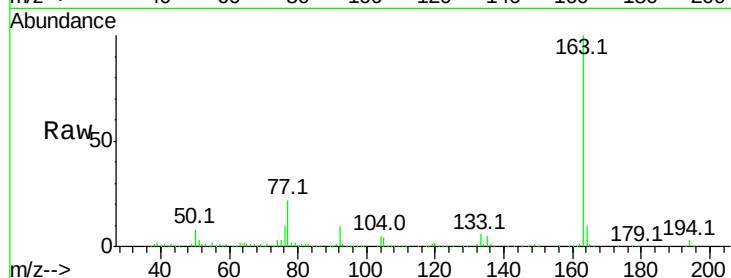
Tot Ion:163 Resp: 402091

Ion Ratio Lower Upper

163 100

194 3.4 2.8 4.2

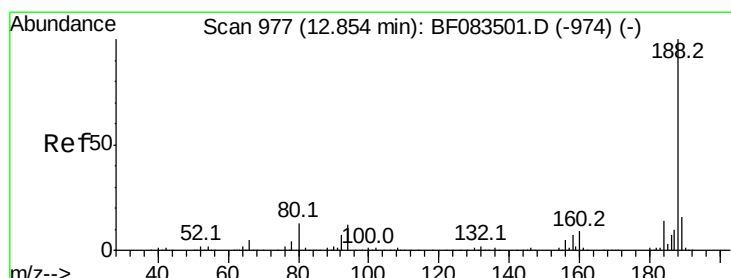
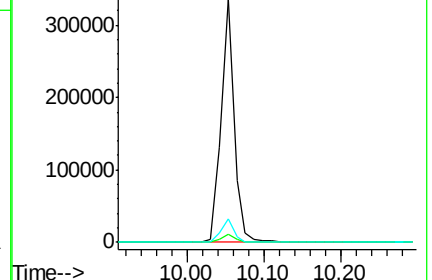
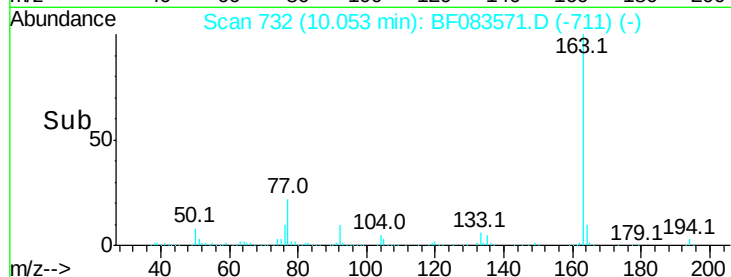
164 9.7 8.6 13.0



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: 12.81 min Scan# 973

Delta R.T. -0.05 min

Lab File: BF083571.D

Acq: 7 Dec 2015 22:28

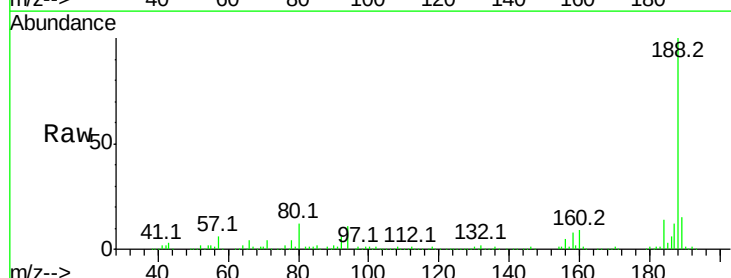
Tgt Ion:188 Resp: 438952

Ion Ratio Lower Upper

188 100

94 10.5 9.4 14.2

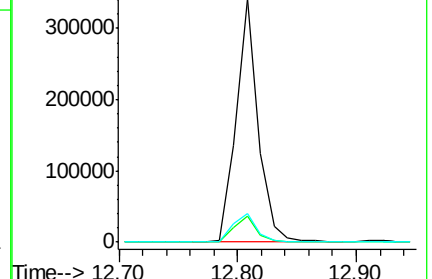
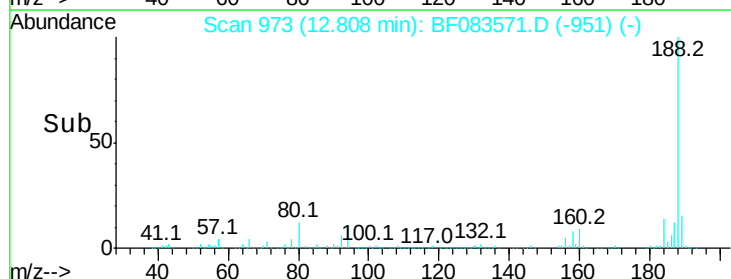
80 11.6 10.6 16.0

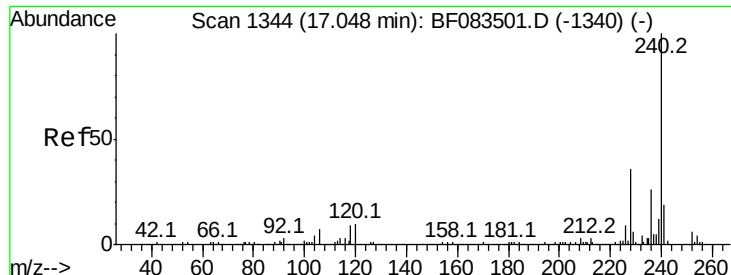


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

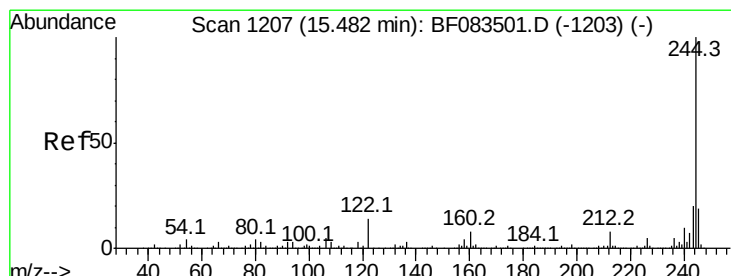
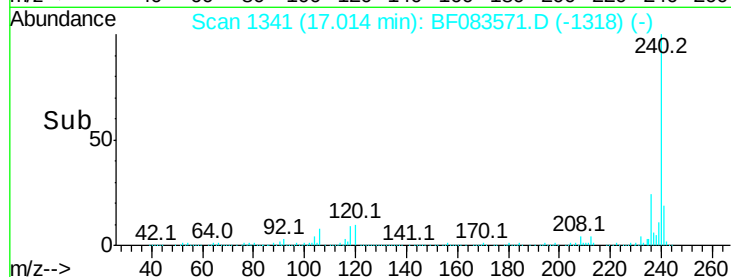
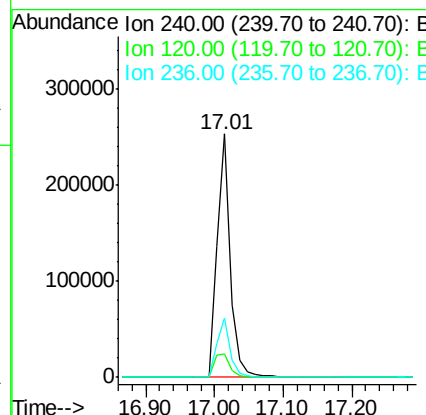
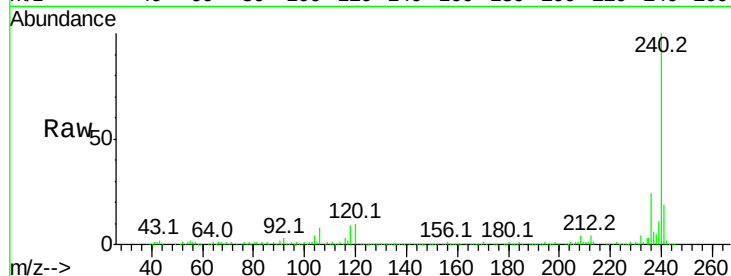




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.01 min Scan# 1341
 Delta R.T. -0.03 min
 Lab File: BF083571.D
 Acq: 7 Dec 2015 22:28

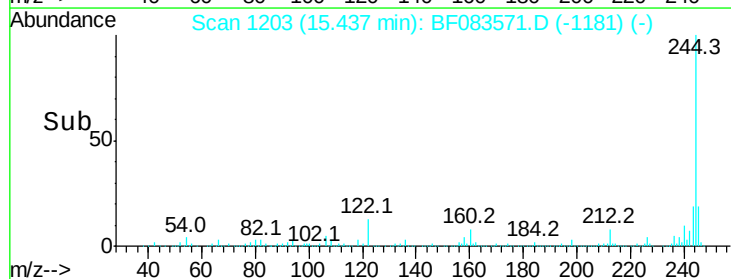
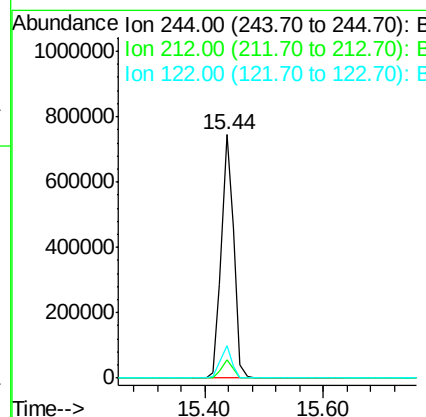
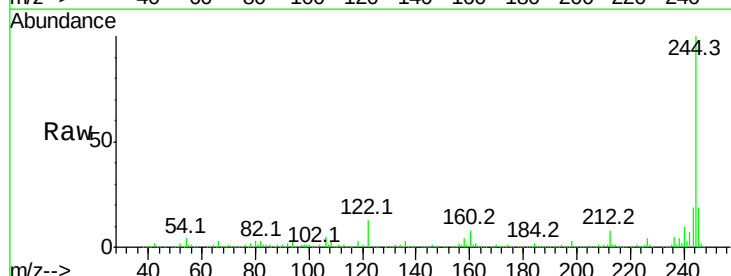
Instrument :
 BNA_F
 ClientSampleId :
 TP4(12-24)

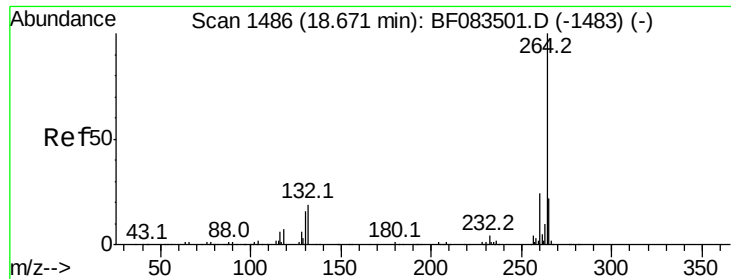
Tot Ion:240 Resp: 342330
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.1 12.1
 236 24.5 20.8 31.2



#78
 Terphenyl-d14
 Concen: 69.89 ng
 RT: 15.44 min Scan# 1203
 Delta R.T. -0.05 min
 Lab File: BF083571.D
 Acq: 7 Dec 2015 22:28

Tgt Ion:244 Resp: 1075248
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.1 9.1
 122 13.2 11.0 16.6

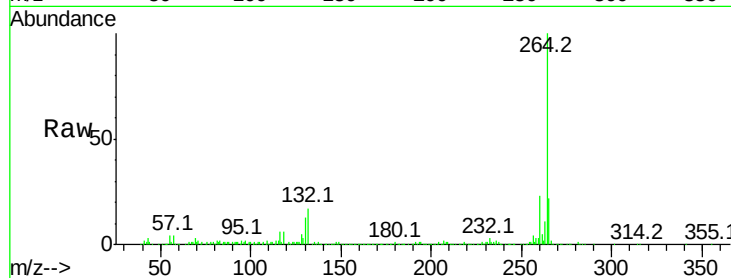




#86
Pervlene-d12
Concen: 20.00 ng
RT: 18.65 min Scan# 1484
Delta R.T. -0.02 min
Lab File: BF083571.D
Acq: 7 Dec 2015 22:28

Instrument :
BNA_F
ClientSampleId :
TP4(12-24)

Tot Ion:264 Resp: 316092
Ion Ratio Lower Upper
264 100
260 23.0 19.4 29.0
265 22.5 17.8 26.6



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

