

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120315\
 Data File : BF083478.D
 Acq On : 4 Dec 2015 00:23
 Operator : UM/IZ
 Sample : G4617-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04

Quant Time: Dec 04 02:23:16 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 01 01:17:16 2015
 Response via : Initial Calibration

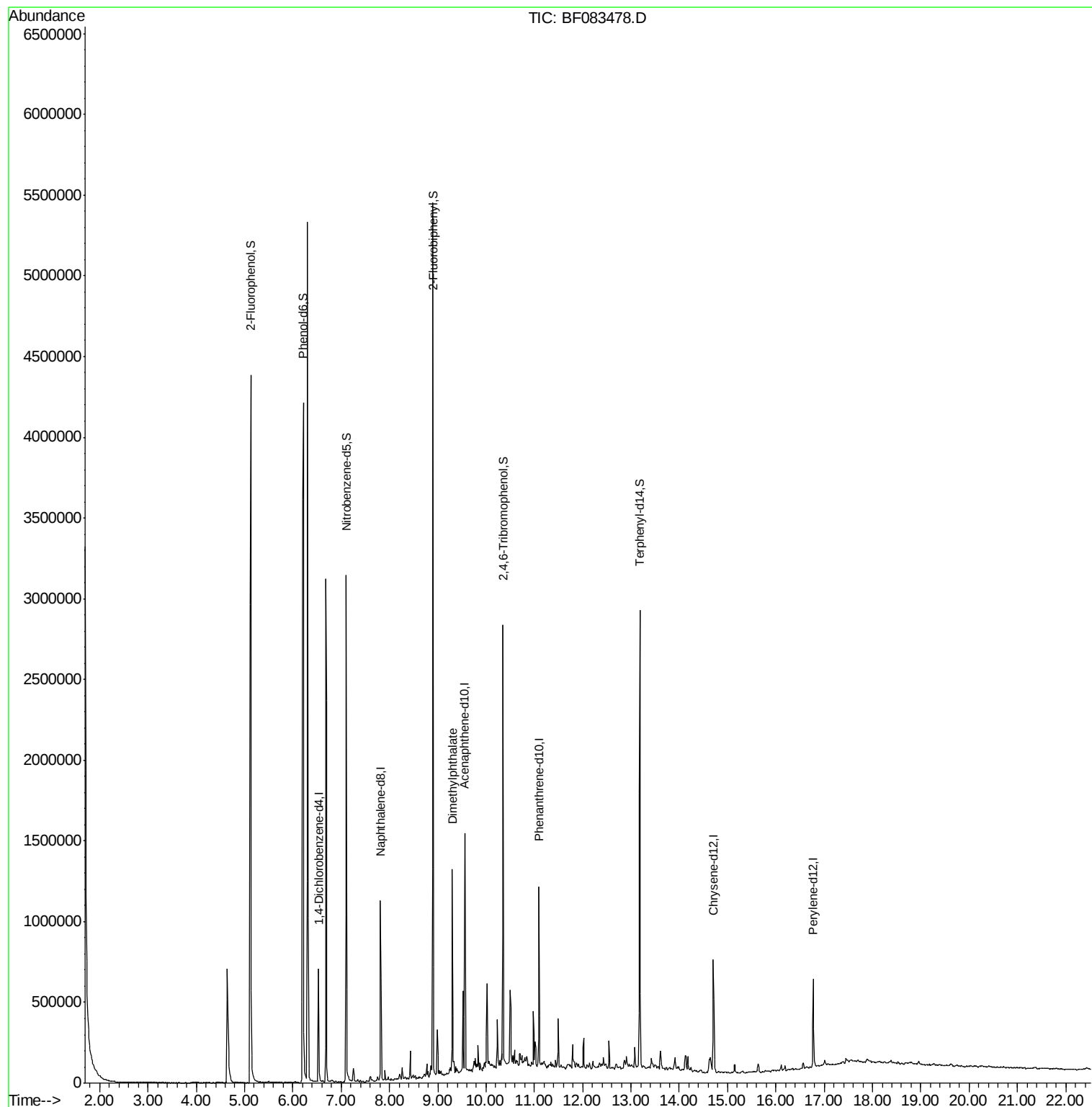
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.53	152	153323m	20.00	ng	-0.01
21) Naphthalene-d8	7.81	136	574670	20.00	ng	-0.02
38) Acenaphthene-d10	9.56	164	281728	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	435620	20.00	ng	-0.03
75) Chrysene-d12	14.71	240	355873	20.00	ng	-0.06
86) Perylene-d12	16.77	264	290637	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	1559242	152.60	ng	0.00
7) Phenol-d6	6.21	99	2123411	151.83	ng	-0.01
23) Nitrobenzene-d5	7.10	82	1188800	90.94	ng	-0.02
41) 2,4,6-Tribromophenol	10.35	330	290974	102.89	ng	-0.03
44) 2-Fluorobiphenyl	8.90	172	1612086	81.54	ng	-0.02
78) Terphenyl-d14	13.19	244	1212731	81.27	ng	-0.03
Target Compounds						
49) Dimethylphthalate	9.30	163	457223	19.97	ng	Qvalue 98

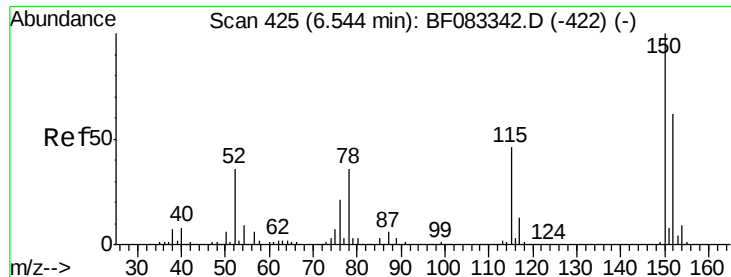
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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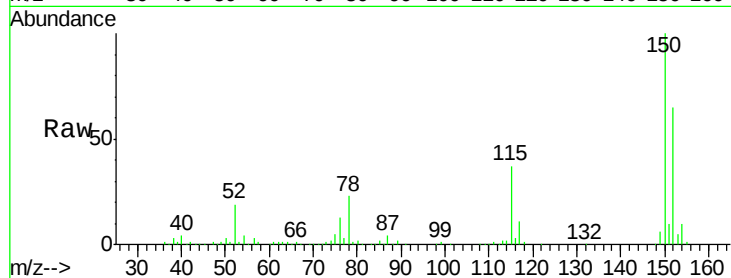


#1

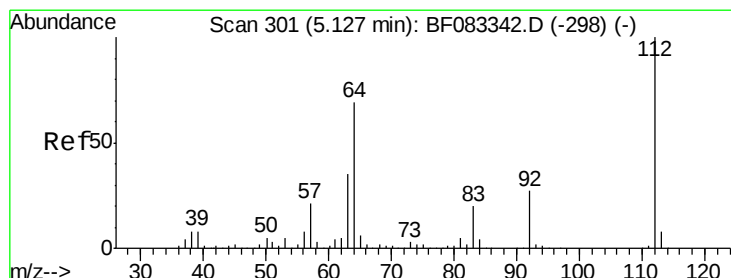
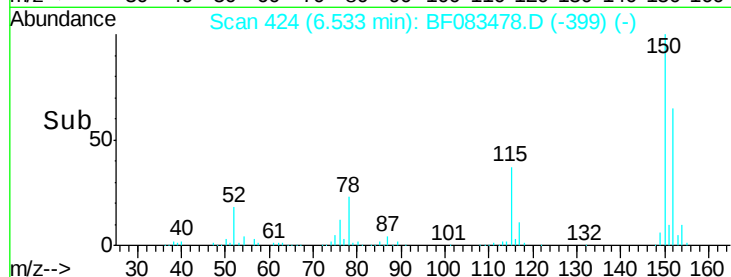
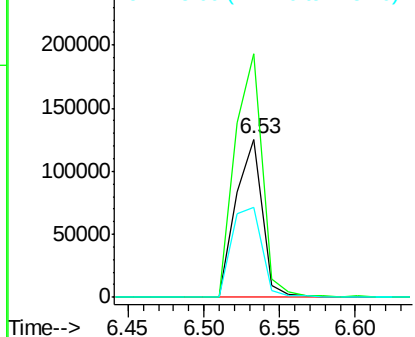
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/mL
RT: 6.53 min Scan# 424
Delta R.T. -0.01 min
Lab File: BF083478.D
Acq: 4 Dec 2015 00:23

Instrument :
BNA_F
ClientSampleId :
SB-04

Tot Ion:152 Resp: 153323
Ion Ratio Lower Upper
152 100
150 153.9 129.8 194.8
115 56.6 59.2 88.8#



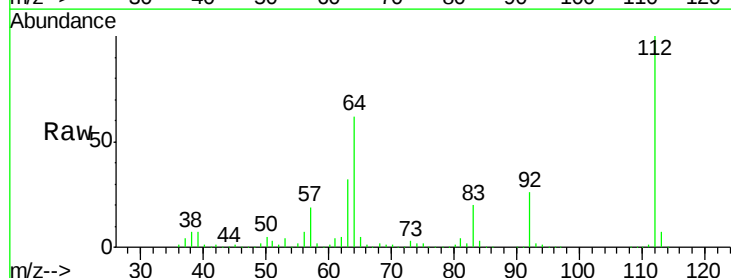
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



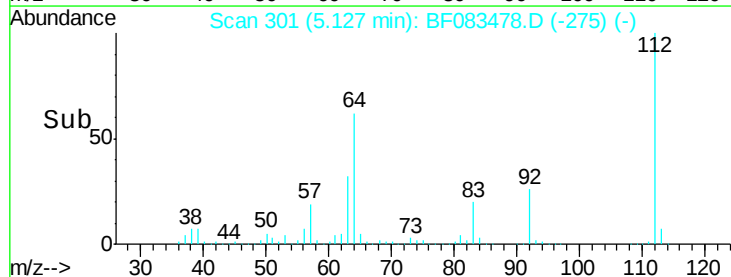
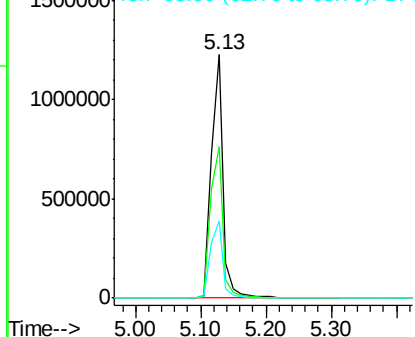
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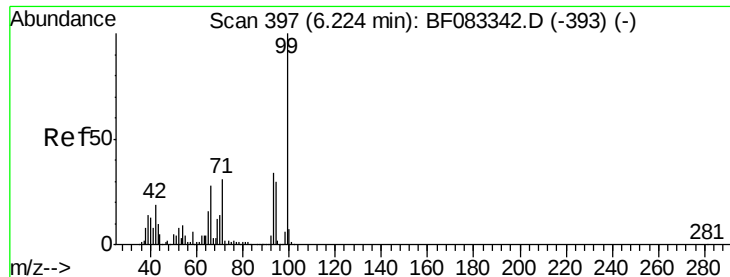
2-Fluorophenol
Concen: 152.60 ng
RT: 5.13 min Scan# 301
Delta R.T. 0.00 min
Lab File: BF083478.D
Acq: 4 Dec 2015 00:23

Tgt Ion:112 Resp: 1559242
Ion Ratio Lower Upper
112 100
64 62.4 55.6 83.4
63 31.8 28.2 42.2



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: 151.83 ng

RT: 6.21 min Scan# 396

Delta R.T. -0.01 min

Lab File: BF083478.D

Acq: 4 Dec 2015 00:23

Instrument :

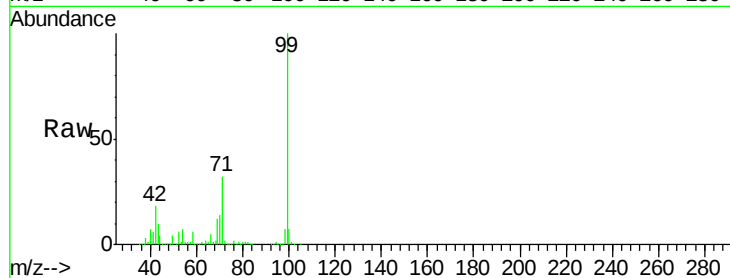
BNA_F

ClientSampleId :

SB-04

Tot Ion: 99 Resp: 2123411

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.9	22.3
71	31.6	24.7	37.1

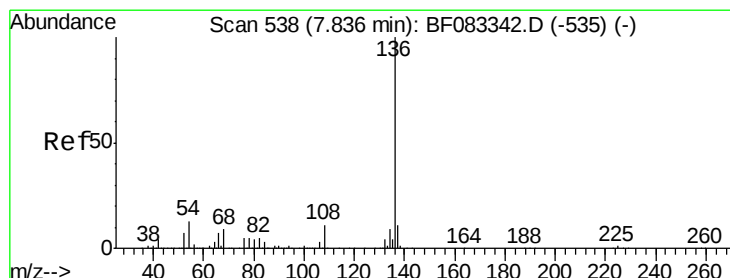
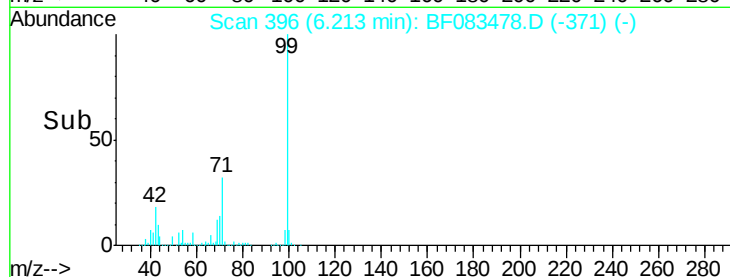
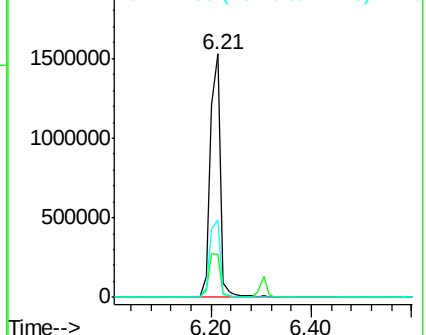


Abundance

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: 7.81 min Scan# 536

Delta R.T. -0.02 min

Lab File: BF083478.D

Acq: 4 Dec 2015 00:23

Tgt Ion: 136 Resp: 574670

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	13.5	10.1	15.1
68	8.9	7.1	10.7

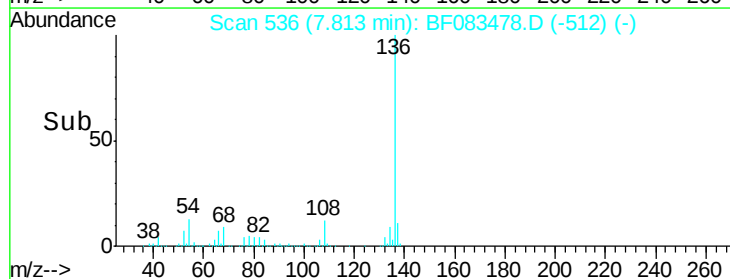
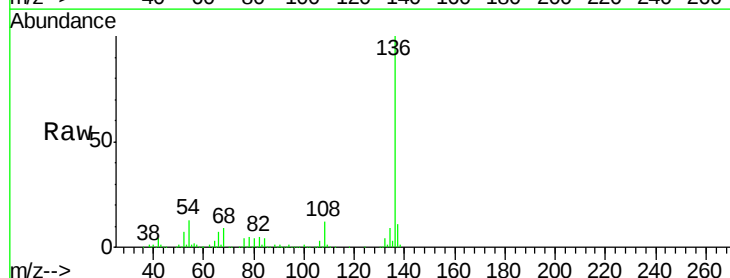
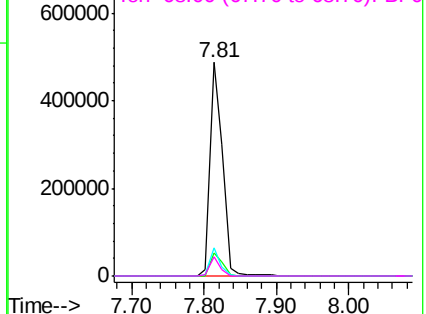
Abundance

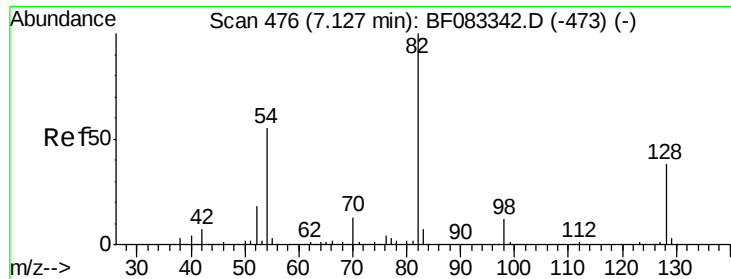
Ion 136.00 (135.70 to 136.70): E

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

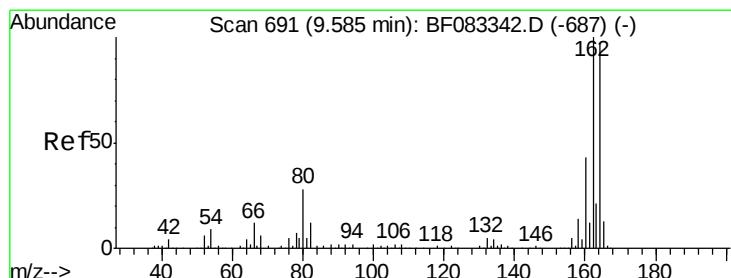
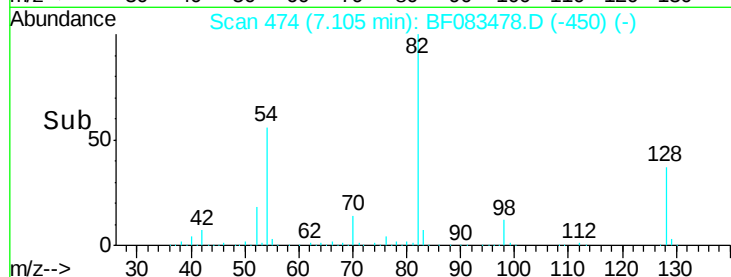
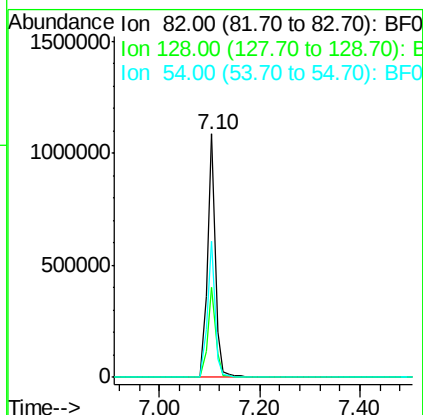
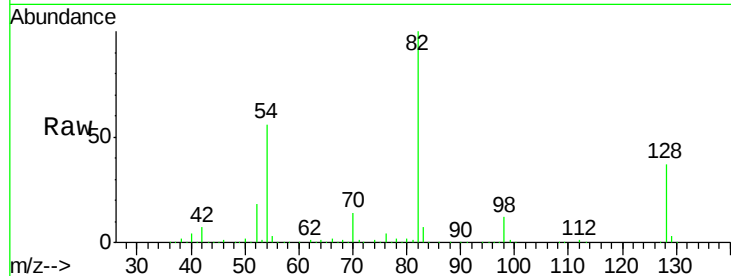




#23
 Nitrobenzene-d5
 Concen: 90.94 ng
 RT: 7.10 min Scan# 474
 Delta R.T. -0.02 min
 Lab File: BF083478.D
 Acq: 4 Dec 2015 00:23

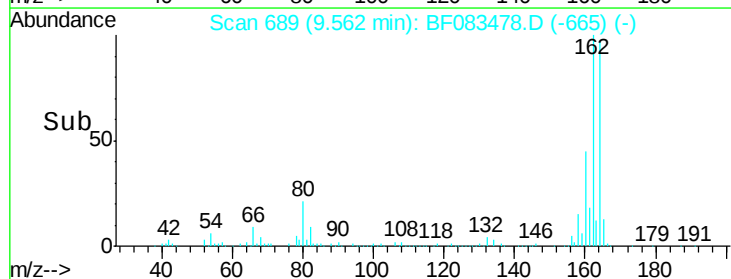
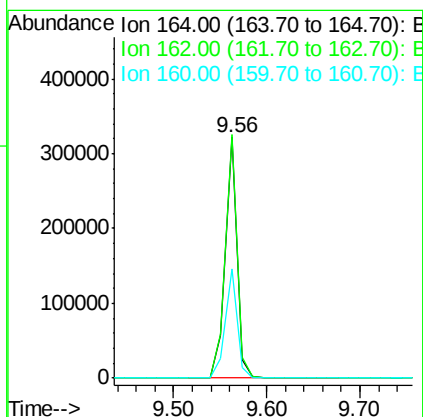
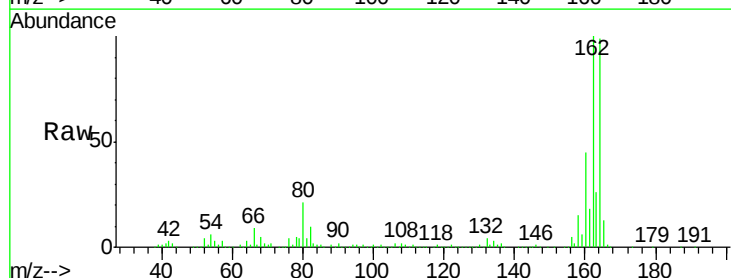
Instrument :
 BNA_F
 ClientSampleID :
 SB-04

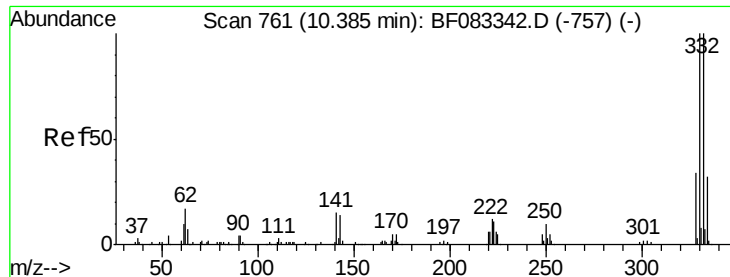
Tot Ion: 82 Resp: 1188800
 Ion Ratio Lower Upper
 82 100
 128 37.1 30.6 46.0
 54 55.7 43.8 65.6



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.56 min Scan# 689
 Delta R.T. -0.02 min
 Lab File: BF083478.D
 Acq: 4 Dec 2015 00:23

Tgt Ion:164 Resp: 281728
 Ion Ratio Lower Upper
 164 100
 162 101.2 82.6 123.8
 160 45.2 35.3 52.9

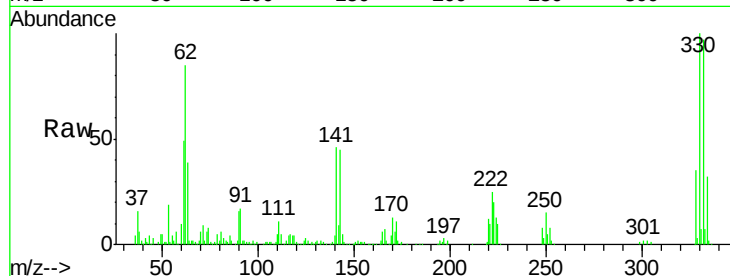




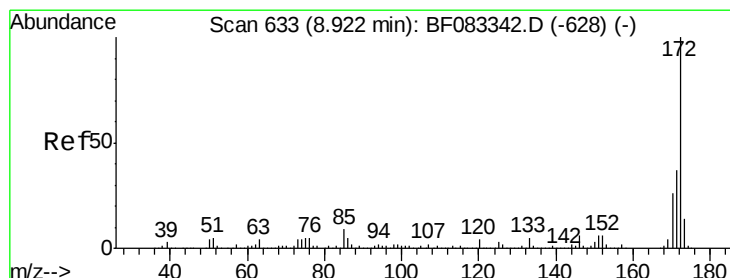
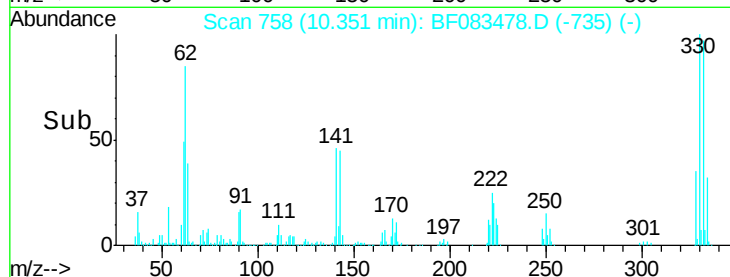
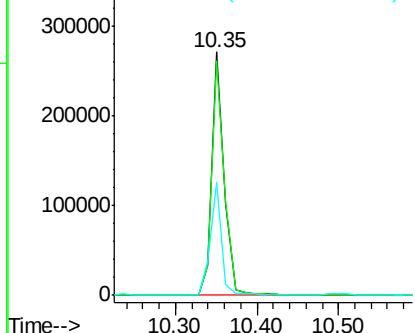
#41
 2,4,6-Tribromophenol
 Concen: 102.89 ng
 RT: 10.35 min Scan# 758
 Delta R.T. -0.03 min
 Lab File: BF083478.D
 Acq: 4 Dec 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-04

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	77.8	116.6
141	42.7	29.4	44.0

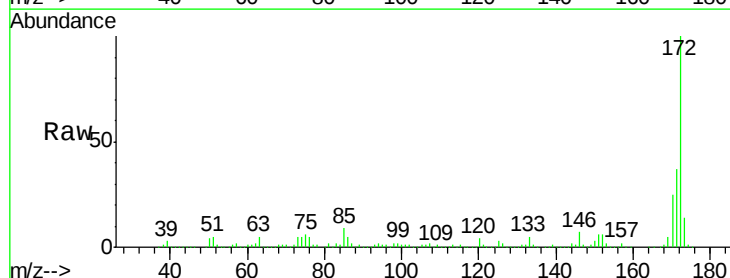


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

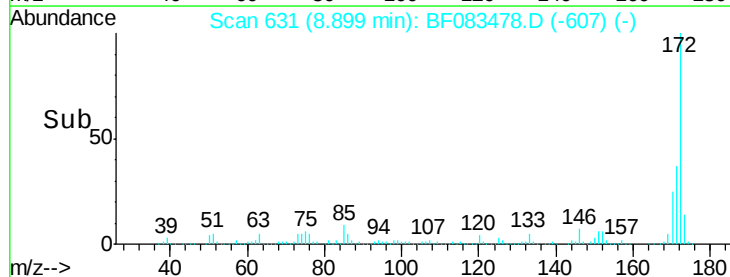
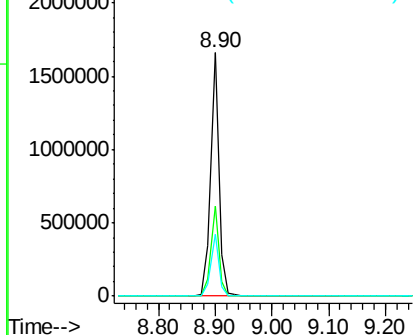


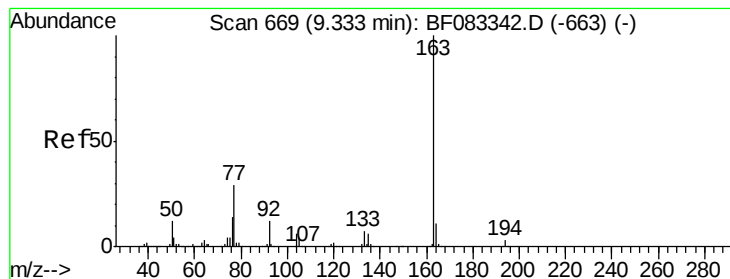
#44
 2-Fluorobiphenyl
 Concen: 81.54 ng
 RT: 8.90 min Scan# 631
 Delta R.T. -0.02 min
 Lab File: BF083478.D
 Acq: 4 Dec 2015 00:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.4	44.0
170	25.3	20.4	30.6



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: 19.97 ng

RT: 9.30 min Scan# 666

Delta R.T. -0.03 min

Lab File: BF083478.D

Acq: 4 Dec 2015 00:23

Instrument :

BNA_F

ClientSampleId :

SB-04

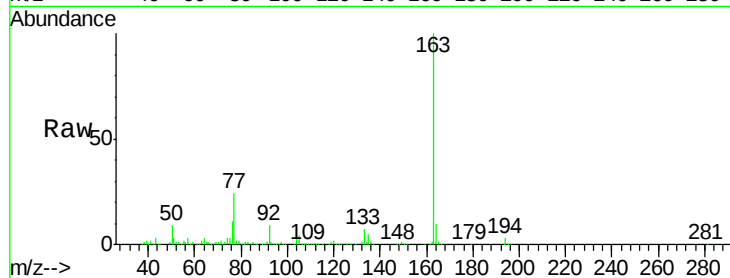
Tot Ion:163 Resp: 457223

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

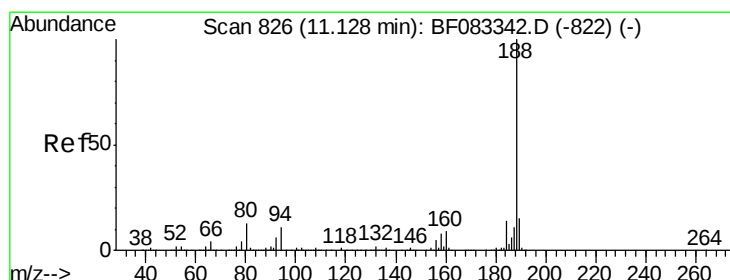
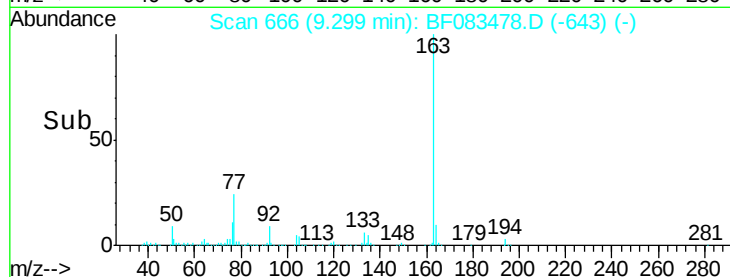
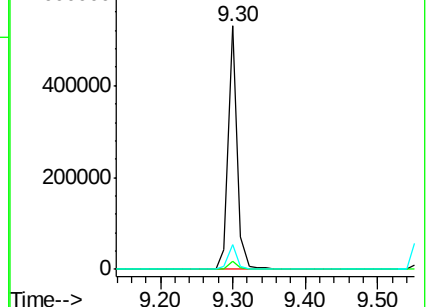
164 10.1 8.8 13.2



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: 11.09 min Scan# 823

Delta R.T. -0.03 min

Lab File: BF083478.D

Acq: 4 Dec 2015 00:23

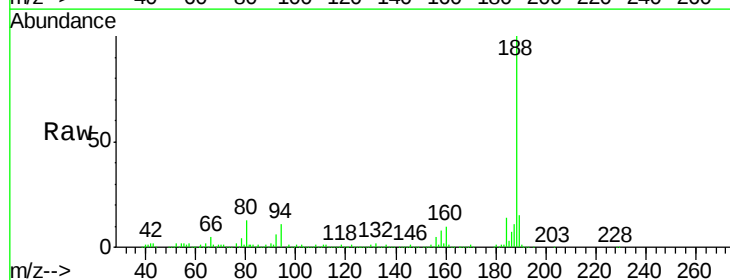
Tgt Ion:188 Resp: 435620

Ion Ratio Lower Upper

188 100

94 11.4 8.7 13.1

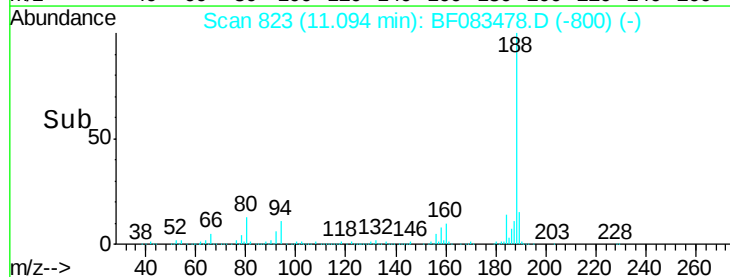
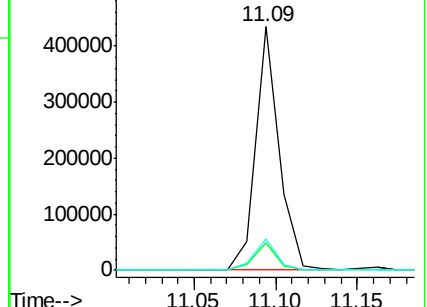
80 12.7 10.3 15.5

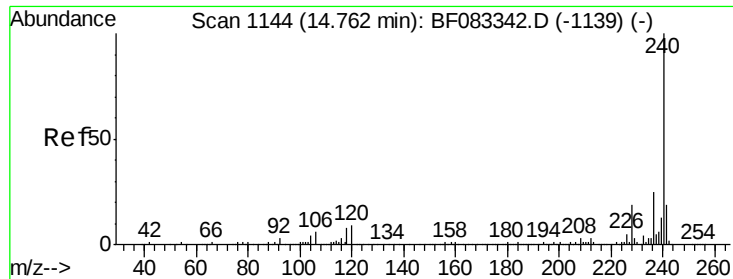


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

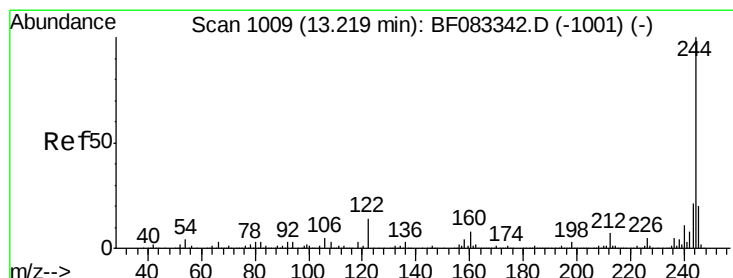
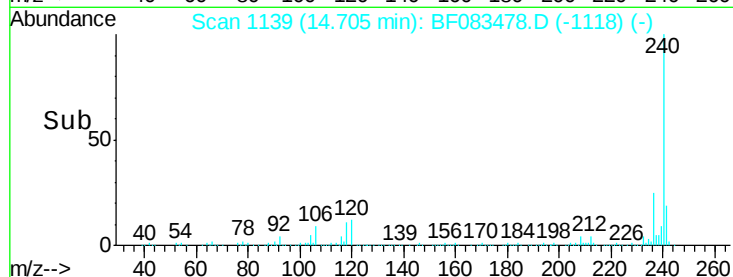
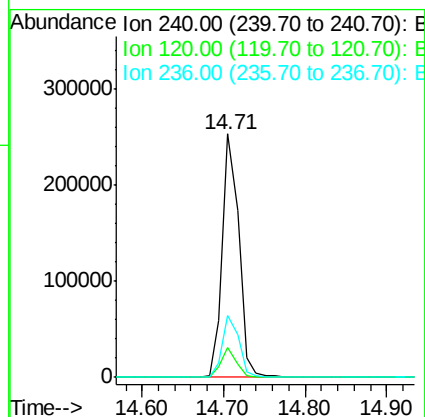
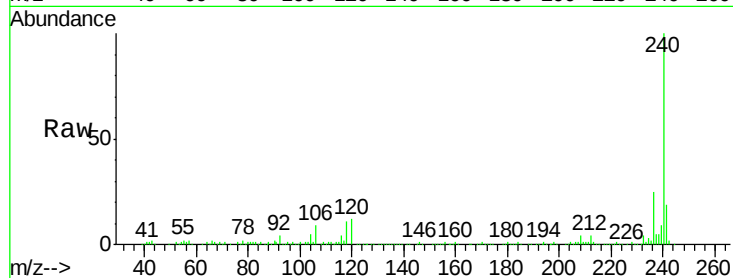




#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.71 min Scan# 1139
Delta R.T. -0.06 min
Lab File: BF083478.D
Acq: 4 Dec 2015 00:23

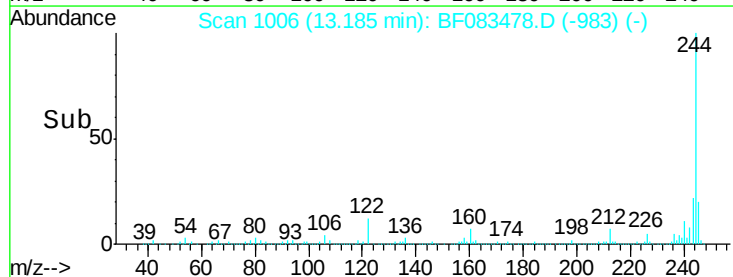
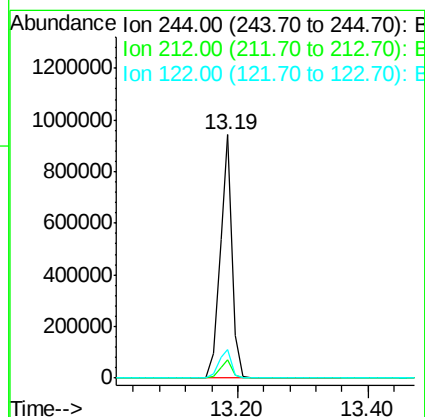
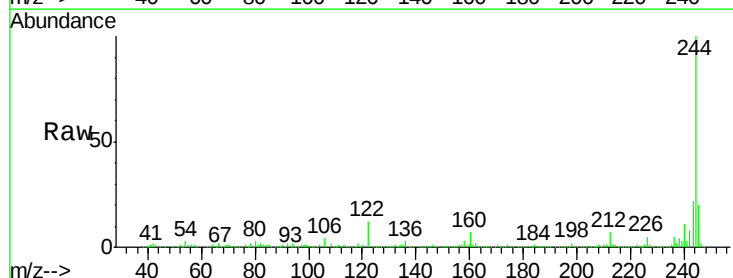
Instrument :
BNA_F
ClientSampleId :
SB-04

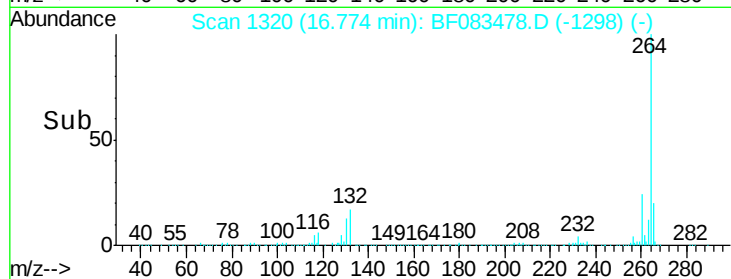
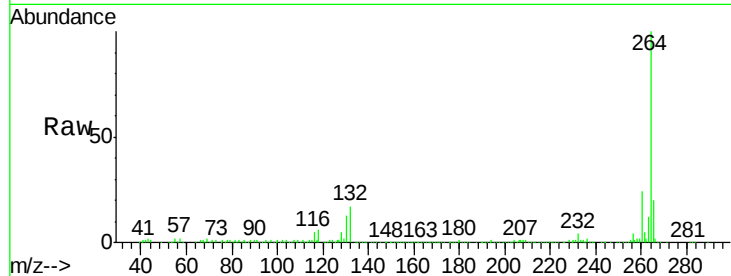
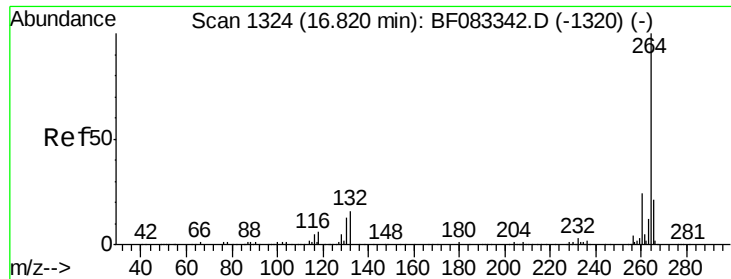
Tot Ion:240 Resp: 355873
Ion Ratio Lower Upper
240 100
120 12.0 6.9 10.3#
236 25.4 19.8 29.6



#78
Terphenyl-d14
Concen: 81.27 ng
RT: 13.19 min Scan# 1006
Delta R.T. -0.03 min
Lab File: BF083478.D
Acq: 4 Dec 2015 00:23

Tgt Ion:244 Resp: 1212731
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 11.7 11.0 16.4





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1320
 Delta R.T. -0.05 min
 Lab File: BF083478.D
 Acq: 4 Dec 2015 00:23

Instrument :
 BNA_F
 ClientSampleId :
 SB-04

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.5	19.0	28.4
265	20.3	16.8	25.2

