

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093016\
 Data File : BF090326.D
 Acq On : 30 Sep 2016 21:44
 Operator : UM/SJ
 Sample : H5025-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PA-1

Quant Time: Sep 30 23:58:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 30 23:14:34 2016
 Response via : Initial Calibration

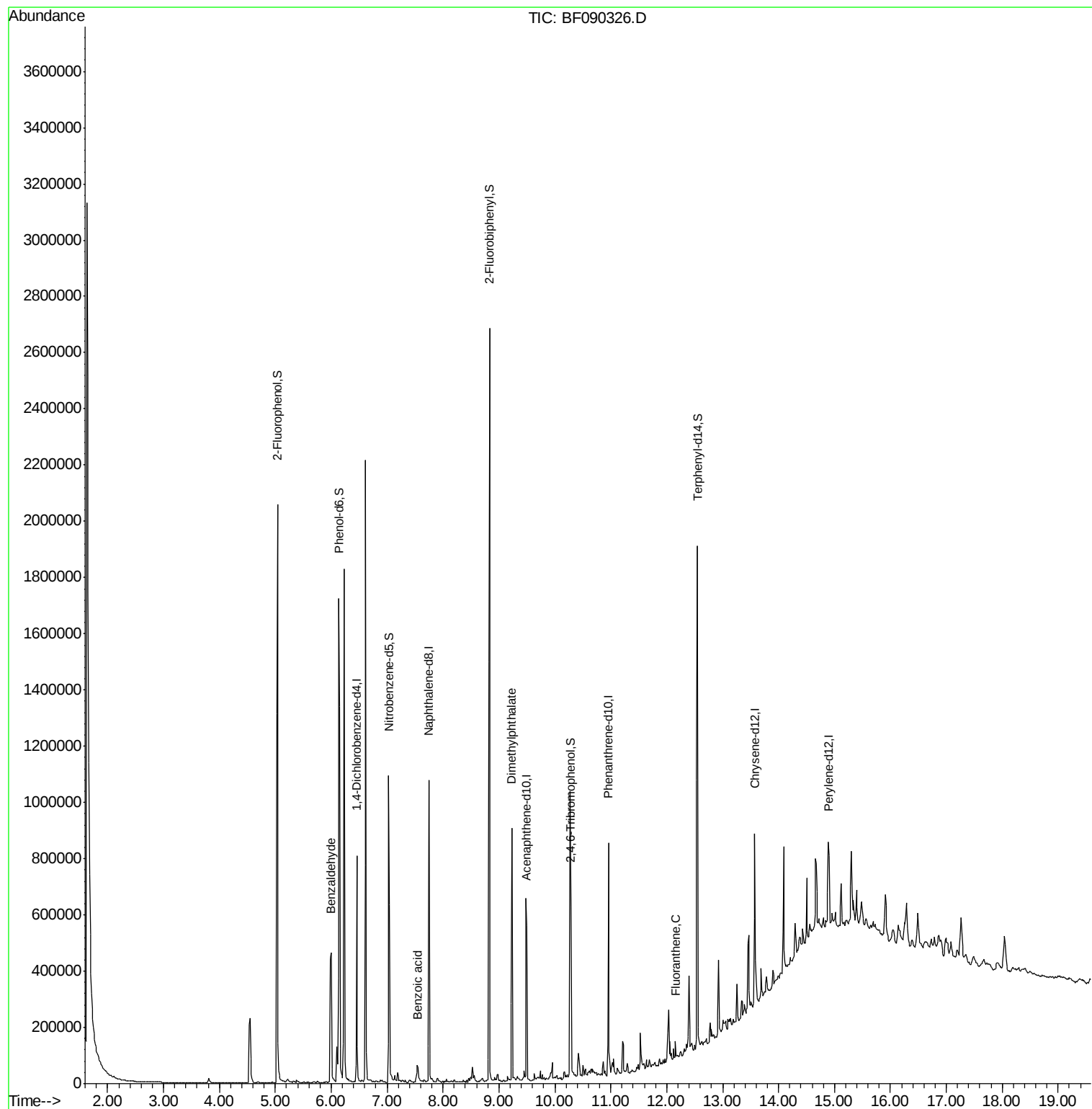
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.46	152	121365	20.00	ng	0.00
21) Naphthalene-d8	7.75	136	458540	20.00	ng	0.00
38) Acenaphthene-d10	9.50	164	203744	20.00	ng	0.01
63) Phenanthrene-d10	10.96	188	271457	20.00	ng	0.01
75) Chrysene-d12	13.58	240	236154	20.00	ng	0.01
86) Perylene-d12	14.90	264	163834	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	809518	108.72	ng	0.05
7) Phenol-d6	6.14	99	1032262	112.26	ng	0.02
23) Nitrobenzene-d5	7.03	82	495550	62.65	ng	0.00
41) 2,4,6-Tribromophenol	10.28	330	168751	96.54	ng	0.01
44) 2-Fluorobiphenyl	8.83	172	1043685	100.56	ng	0.01
78) Terphenyl-d14	12.55	244	666572	71.66	ng	0.01
Target Compounds						
9) Benzaldehyde	5.99	77	159623	39.83	ng	89
32) Benzoic acid	7.54	122	24903	5.03	ng	96
49) Dimethylphthalate	9.23	163	400956	30.90	ng	99
74) Fluoranthene	12.16	202	27489	2.02	ng	95

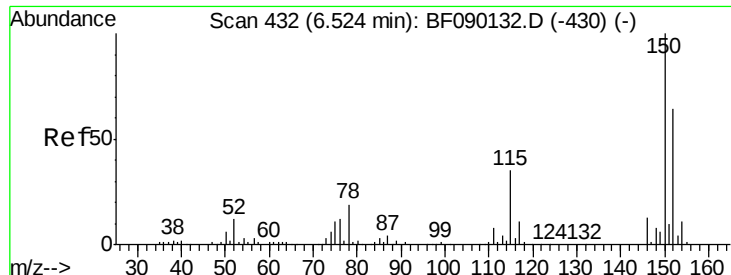
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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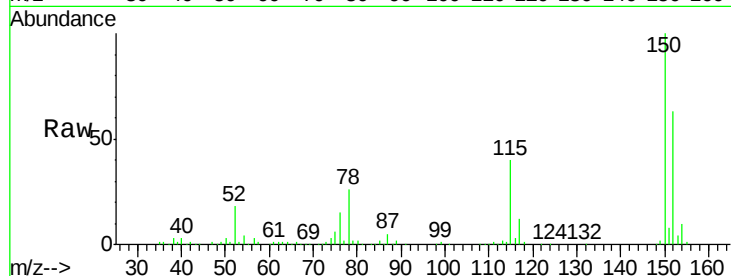


#1

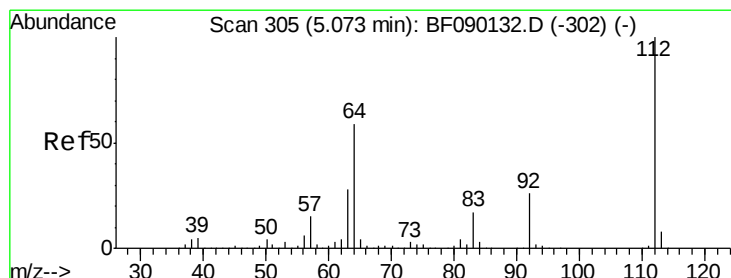
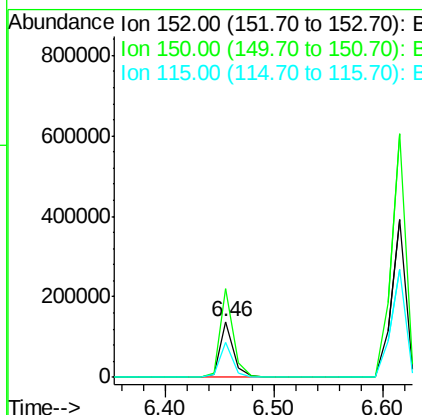
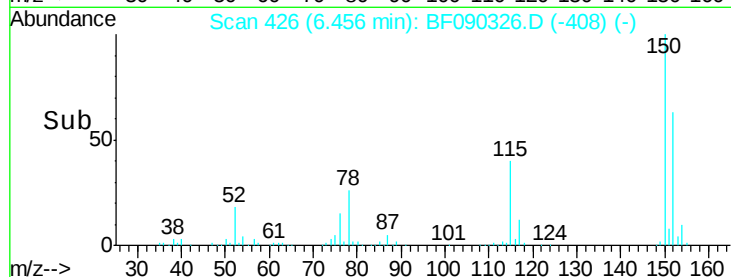
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.46 min Scan# 426
Delta R.T. 0.00 min
Lab File: BF090326.D
Acq: 30 Sep 2016 21:44

Instrument :
BNA_F
ClientSampled :
PA-1

Tot Ion:152 Resp: 121365
Ion Ratio Lower Upper
152 100
150 158.3 128.9 193.3
115 63.5 55.5 83.3



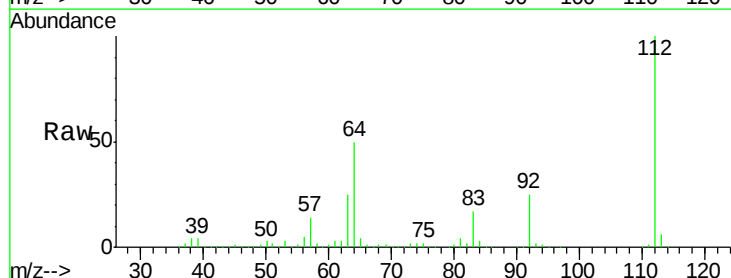
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



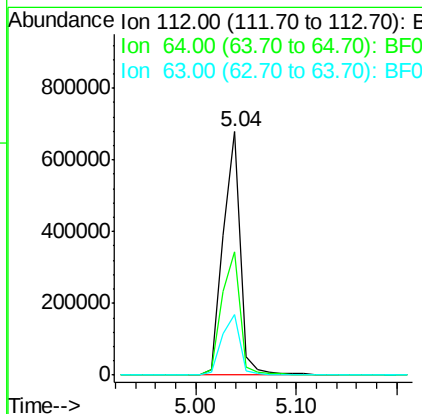
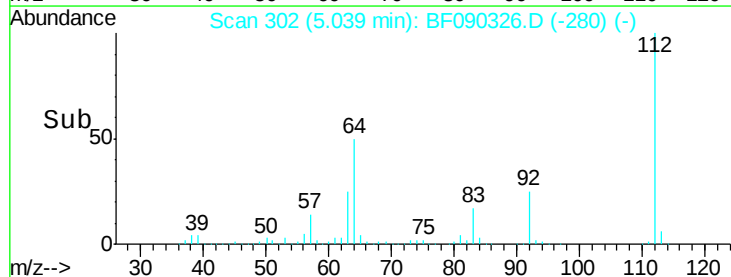
#5

2-Fluorophenol
Concen: 108.72 ng
RT: 5.04 min Scan# 302
Delta R.T. 0.05 min
Lab File: BF090326.D
Acq: 30 Sep 2016 21:44

Tgt Ion:112 Resp: 809518
Ion Ratio Lower Upper
112 100
64 50.4 39.8 59.6
63 24.8 18.9 28.3



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: 112.26 ng

RT: 6.14 min Scan# 398

Delta R.T. 0.02 min

Lab File: BF090326.D

Acq: 30 Sep 2016 21:44

Instrument :

BNA_F

ClientSampled :

PA-1

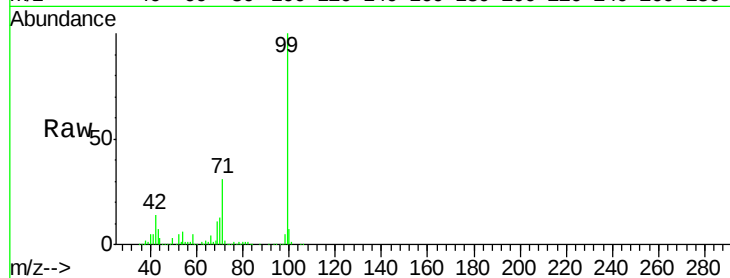
Tot Ion: 99 Resp: 1032262

Ion Ratio Lower Upper

99 100

42 14.2 10.6 15.8

71 31.0 23.0 34.6



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

800000

6.14

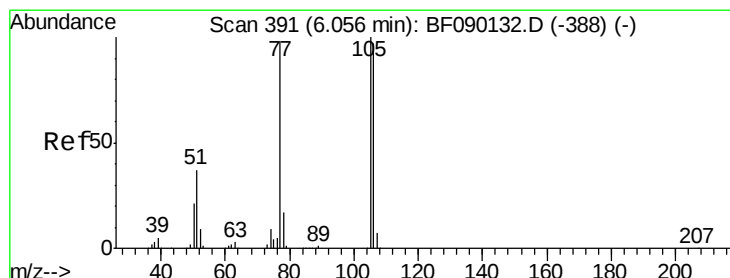
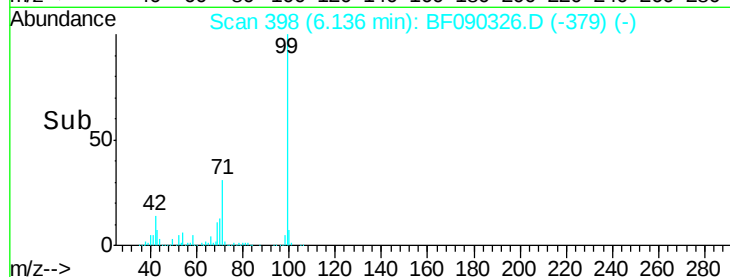
600000

400000

200000

0

Time-->



#9

Benzaldehyde

Concen: 39.83 ng

RT: 5.99 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF090326.D

Acq: 30 Sep 2016 21:44

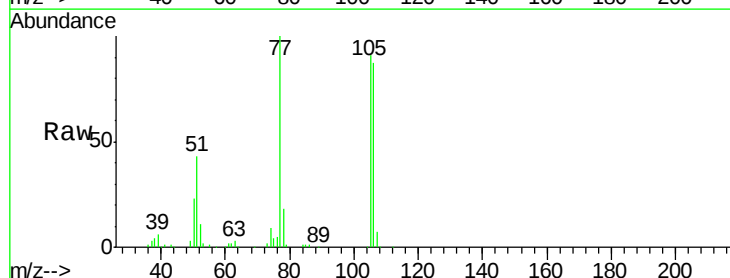
Tgt Ion: 77 Resp: 159623

Ion Ratio Lower Upper

77 100

105 91.4 83.0 123.0

106 87.4 78.5 118.5



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

150000

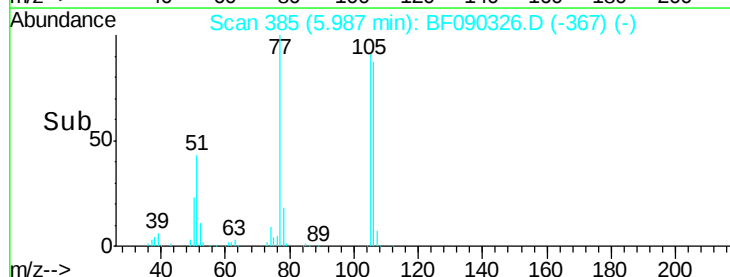
5.99

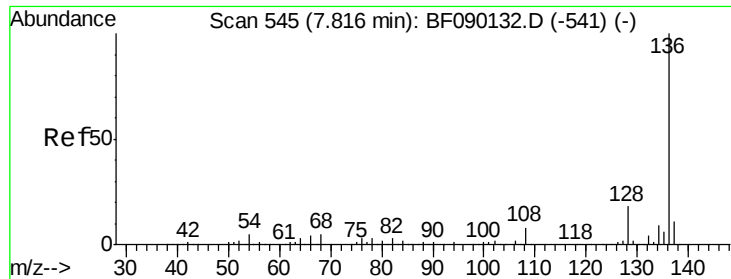
100000

50000

0

Time-->

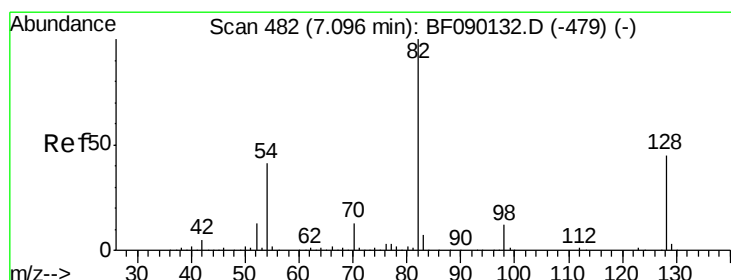
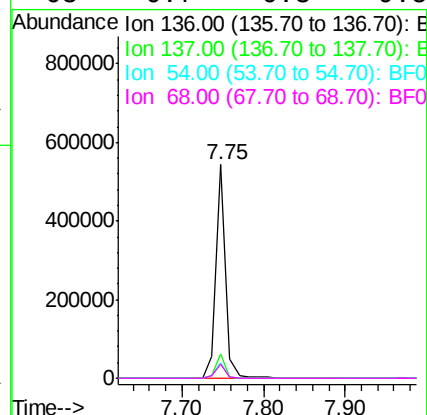
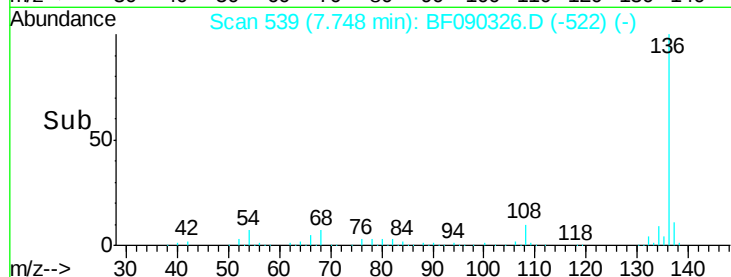
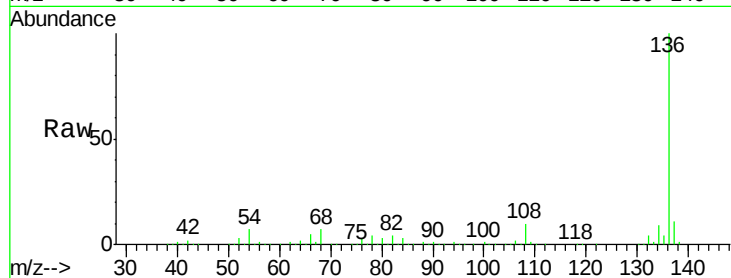




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.75 min Scan# 539
Delta R.T. 0.00 min
Lab File: BF090326.D
Acq: 30 Sep 2016 21:44

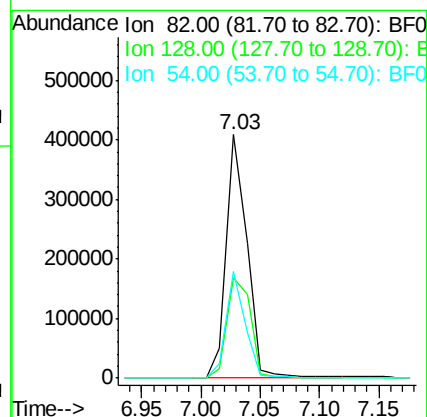
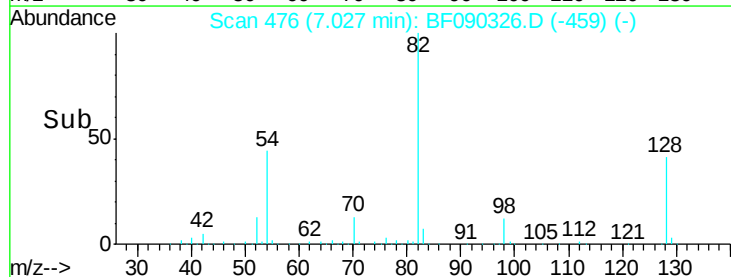
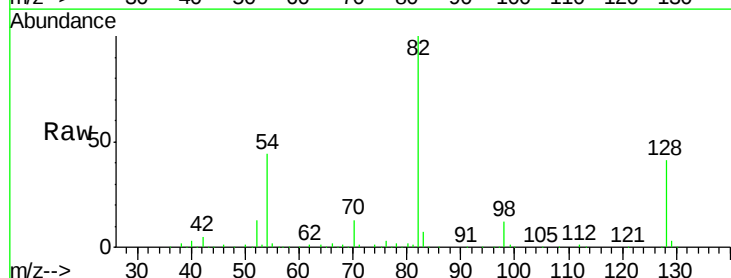
Instrument :
BNA_F
ClientSampleId :
PA-1

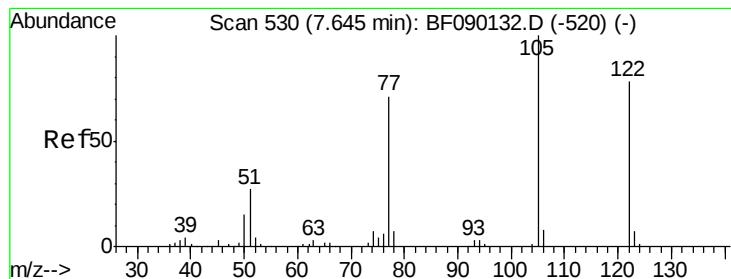
Tot Ion:136	Resp:	458540
Ion Ratio	Lower	Upper
136	100	
137	11.1	9.0 13.4
54	7.1	6.4 9.6
68	6.7	6.3 9.5



#23
Nitrobenzene-d5
Concen: 62.65 ng
RT: 7.03 min Scan# 476
Delta R.T. 0.00 min
Lab File: BF090326.D
Acq: 30 Sep 2016 21:44

Tgt Ion: 82	Resp:	495550
Ion Ratio	Lower	Upper
82	100	
128	41.1	37.5 56.3
54	43.8	31.9 47.9





#32

Benzoic acid

Concen: 5.03 ng

RT: 7.54 min Scan# 521

Delta R.T. -0.03 min

Lab File: BF090326.D

Acq: 30 Sep 2016 21:44

Instrument :

BNA_F

ClientSampleId :

PA-1

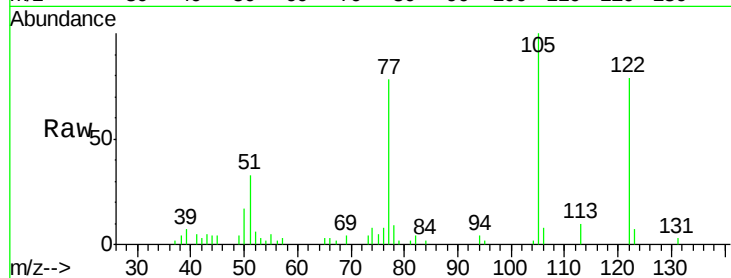
Tot Ion:122 Resp: 24903

Ion Ratio Lower Upper

122 100

105 126.6 105.0 145.0

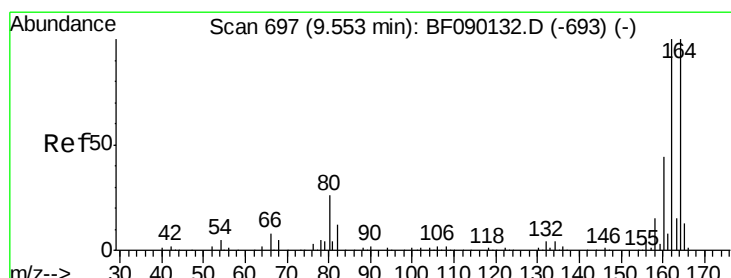
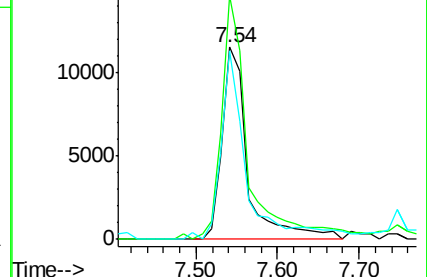
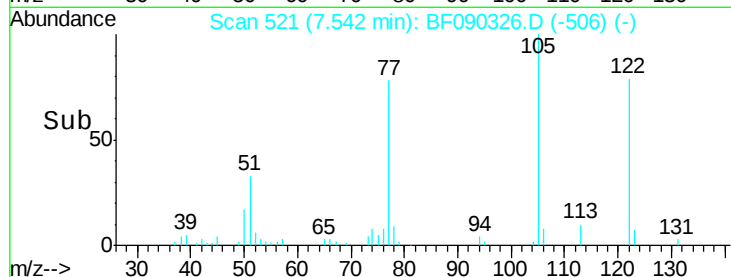
77 98.3 70.4 110.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.50 min Scan# 692

Delta R.T. 0.01 min

Lab File: BF090326.D

Acq: 30 Sep 2016 21:44

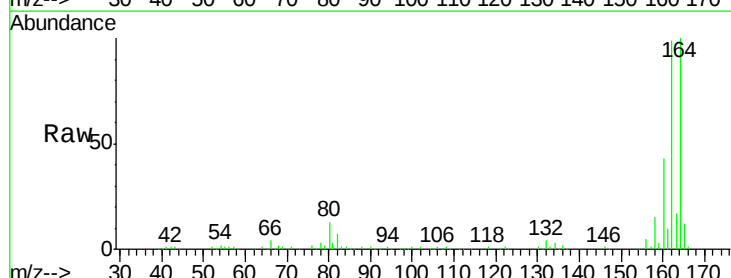
Tgt Ion:164 Resp: 203744

Ion Ratio Lower Upper

164 100

162 99.1 81.4 122.2

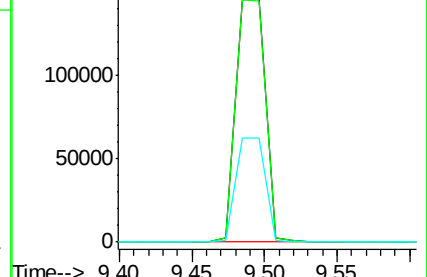
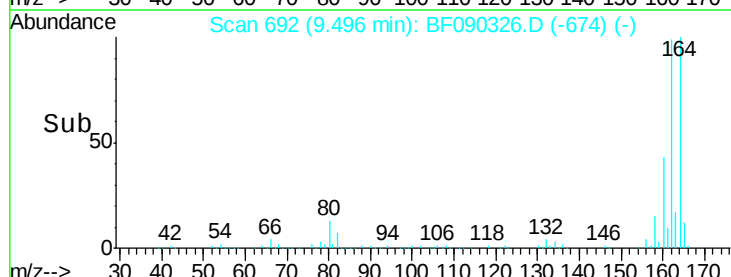
160 42.9 36.6 54.8

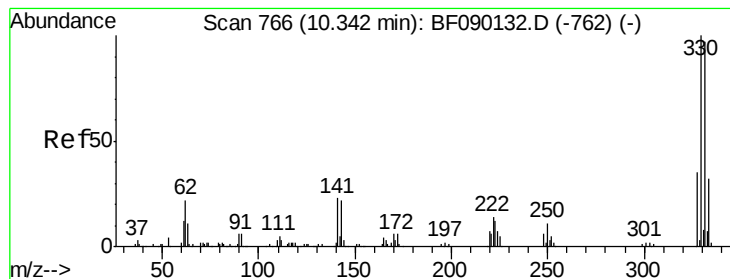


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

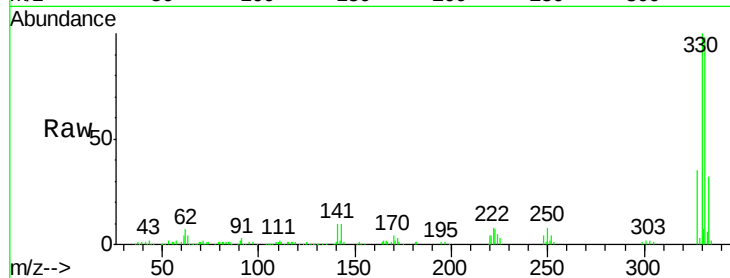




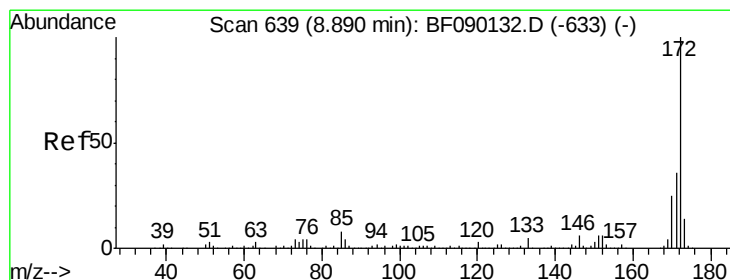
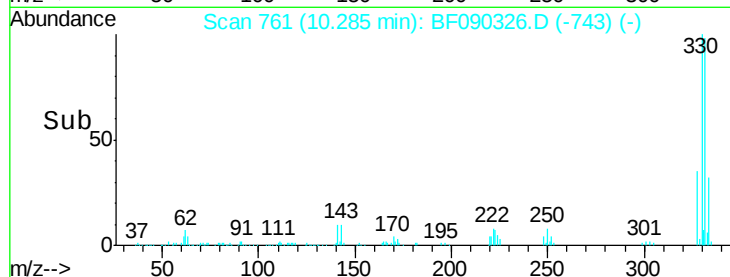
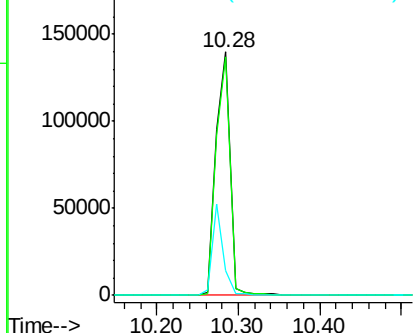
#41
 2,4,6-Tribromophenol
 Concen: 96.54 ng
 RT: 10.28 min Scan# 761
 Delta R.T. 0.01 min
 Lab File: BF090326.D
 Acq: 30 Sep 2016 21:44

Instrument :
 BNA_F
 ClientSampleId :
 PA-1

Tot Ion:330 Resp: 168751
 Ion Ratio Lower Upper
 330 100
 332 97.1 78.1 117.1
 141 30.2 23.9 35.9

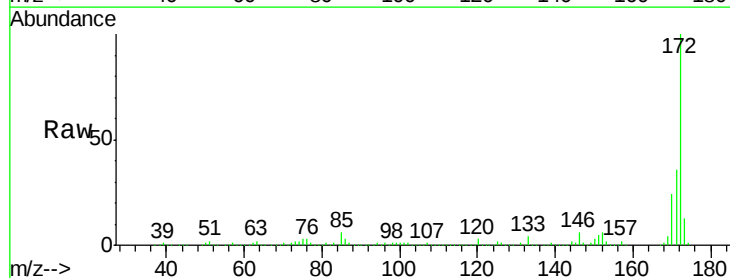


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

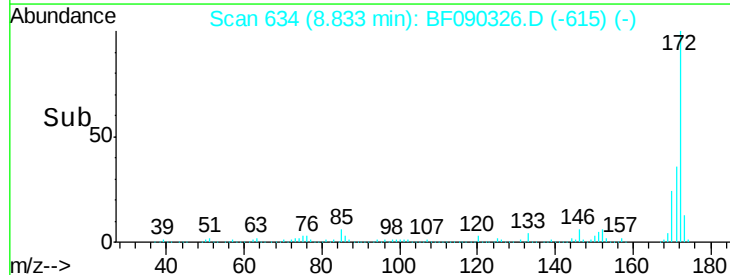
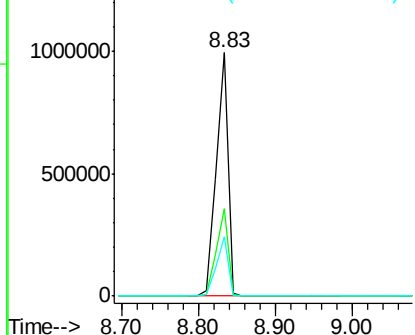


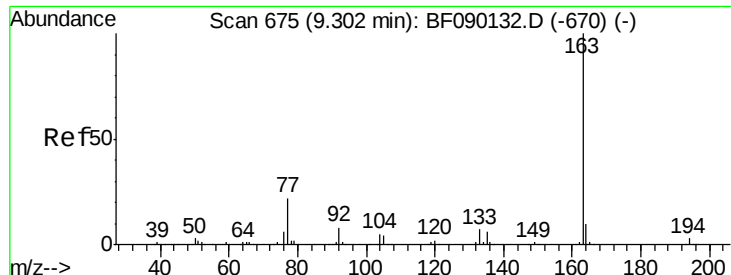
#44
 2-Fluorobiphenyl
 Concen: 100.56 ng
 RT: 8.83 min Scan# 634
 Delta R.T. 0.01 min
 Lab File: BF090326.D
 Acq: 30 Sep 2016 21:44

Tgt Ion:172 Resp: 1043685
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.2 43.8
 170 24.4 19.8 29.8



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

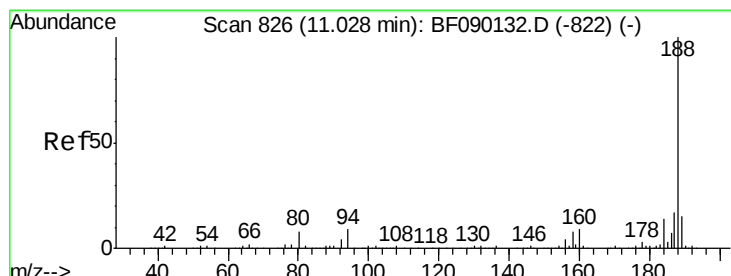
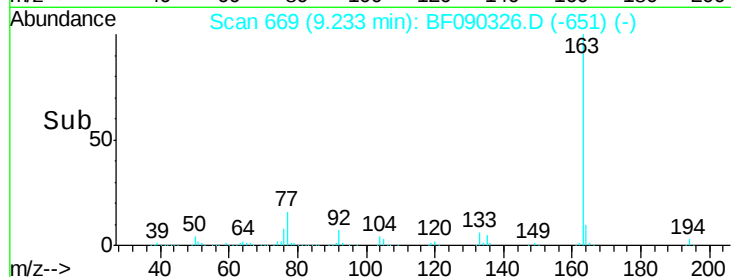
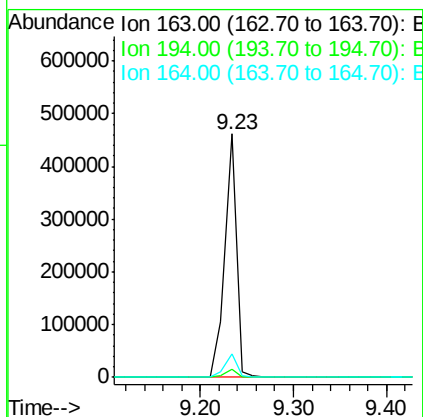
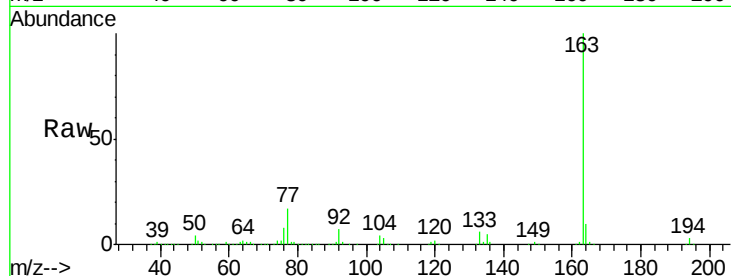




#49
Dimethylphthalate
Concen: 30.90 ng
RT: 9.23 min Scan# 669
Delta R.T. 0.00 min
Lab File: BF090326.D
Acq: 30 Sep 2016 21:44

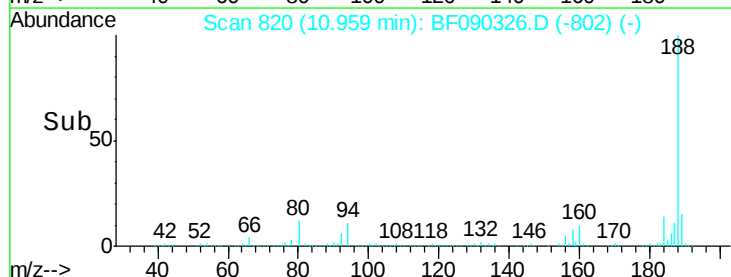
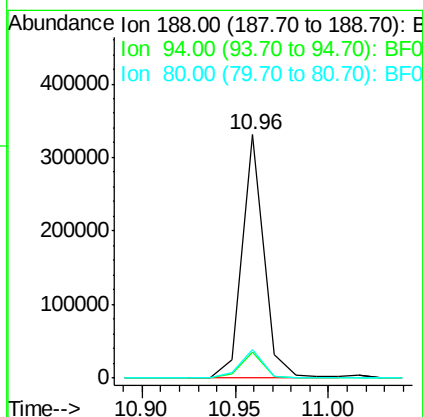
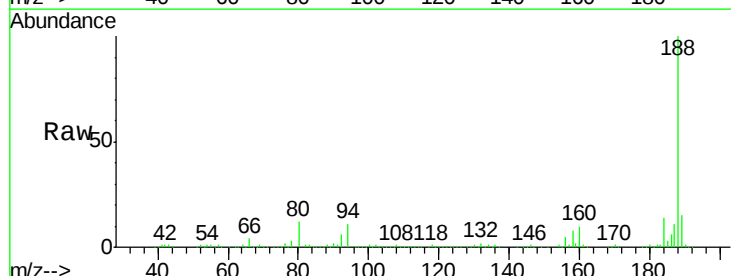
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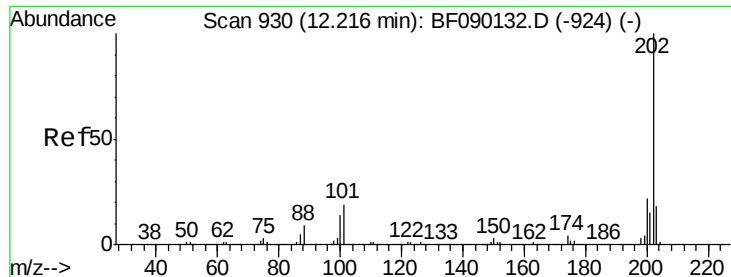
Tot Ion:163 Resp: 400956
Ion Ratio Lower Upper
163 100
194 3.2 2.8 4.2
164 9.7 8.1 12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.96 min Scan# 820
Delta R.T. 0.01 min
Lab File: BF090326.D
Acq: 30 Sep 2016 21:44

Tgt Ion:188 Resp: 271457
Ion Ratio Lower Upper
188 100
94 10.9 10.5 15.7
80 11.8 11.2 16.8

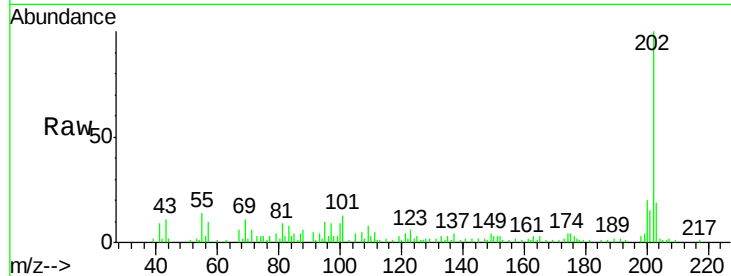




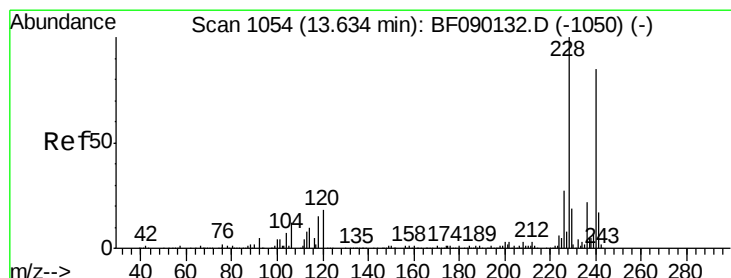
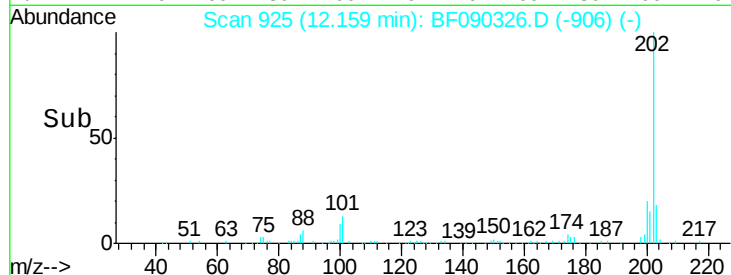
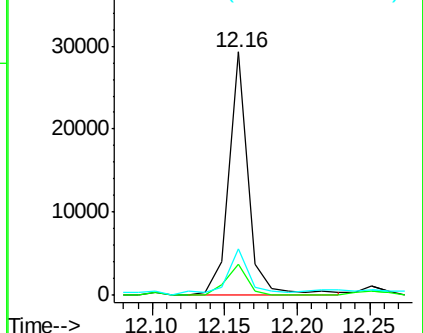
#74
Fluoranthene
Concen: 2.02 ng
RT: 12.16 min Scan# 925
Delta R.T. 0.01 min
Lab File: BF090326.D
Acq: 30 Sep 2016 21:44

Instrument :
BNA_F
ClientSampleId :
PA-1

Tot Ion:202 Resp: 27489
Ion Ratio Lower Upper
202 100
101 12.6 0.0 36.1
203 18.9 0.0 38.2

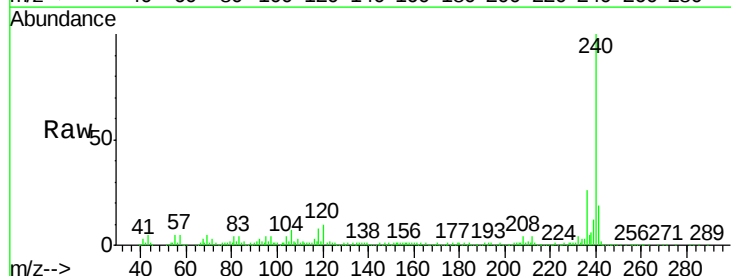


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

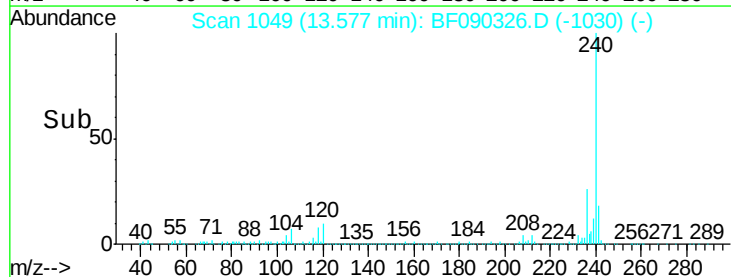
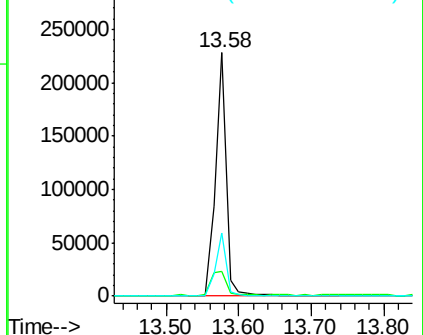


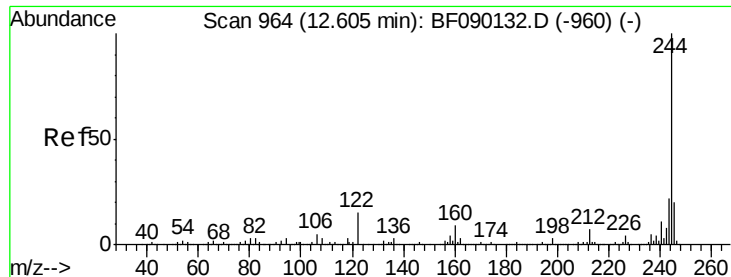
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.58 min Scan# 1049
Delta R.T. 0.01 min
Lab File: BF090326.D
Acq: 30 Sep 2016 21:44

Tgt Ion:240 Resp: 236154
Ion Ratio Lower Upper
240 100
120 10.2 10.6 16.0#
236 25.7 21.6 32.4



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: 71.66 ng

RT: 12.55 min Scan# 959

Delta R.T. 0.01 min

Lab File: BF090326.D

Acq: 30 Sep 2016 21:44

Instrument :

BNA_F

ClientSampleId :

PA-1

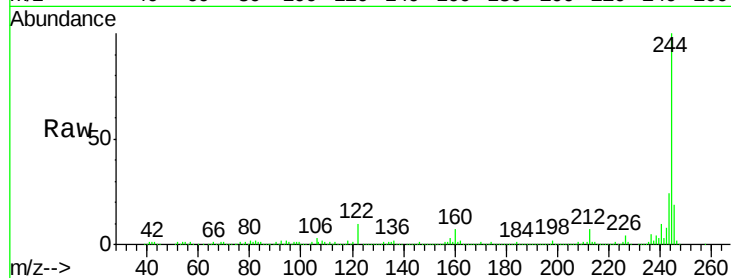
Tot Ion:244 Resp: 666572

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

122 10.5 9.4 14.0



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

800000

600000

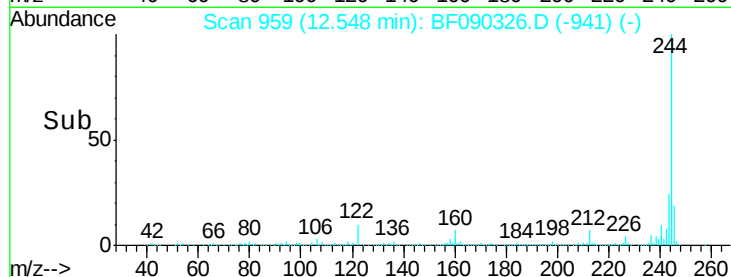
400000

200000

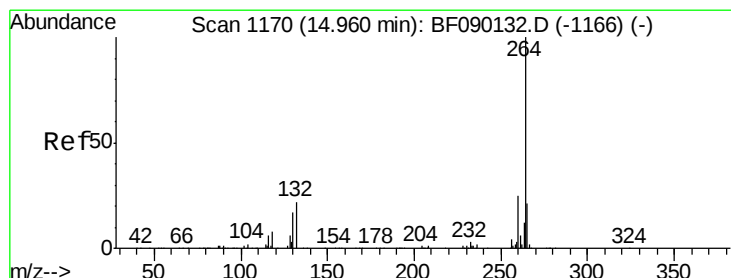
0

12.55

12.50 12.60 12.70



Time-->



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.90 min Scan# 1165

Delta R.T. 0.02 min

Lab File: BF090326.D

Acq: 30 Sep 2016 21:44

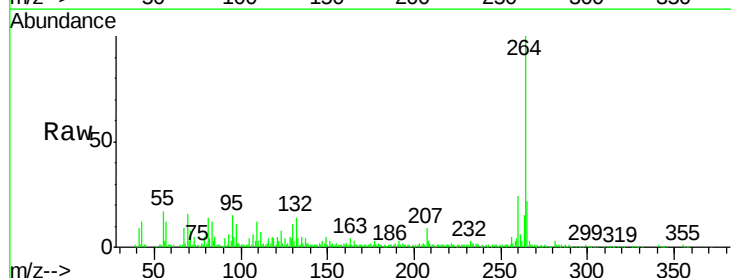
Tgt Ion:264 Resp: 163834

Ion Ratio Lower Upper

264 100

260 24.0 19.5 29.3

265 21.9 17.0 25.4



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

150000

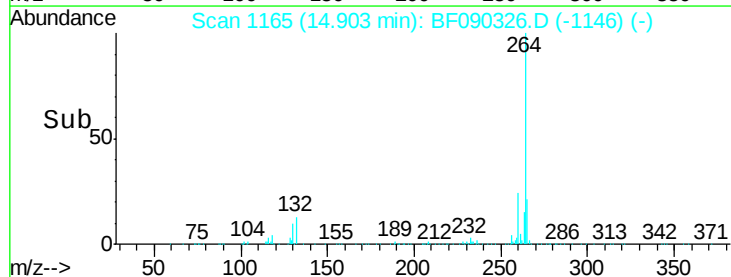
100000

50000

0

14.90

14.80 14.90 15.00 15.10



Time-->