

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092172.D
 Acq On : 10 Jan 2017 6:50
 Operator : UM/SJ
 Sample : I1056-07
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-07

Quant Time: Jan 10 07:18:49 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

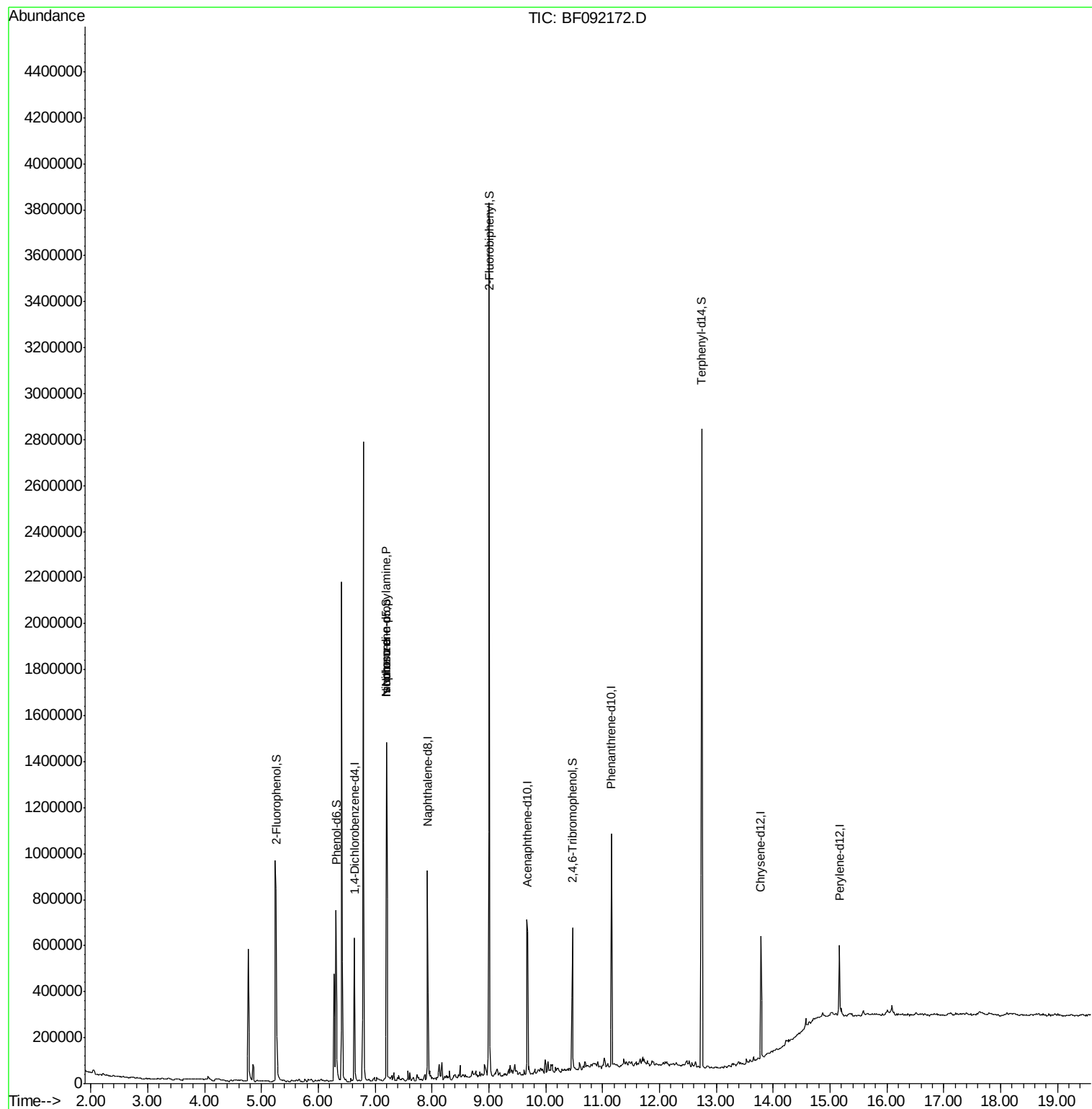
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	146792	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	463960	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	215603	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	355657	20.00	ng	0.00
75) Chrysene-d12	13.79	240	203691	20.00	ng	0.00
86) Perylene-d12	15.17	264	164858	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	442182	50.30	ng	0.02
7) Phenol-d6	6.31	99	323303	30.12	ng	0.00
23) Nitrobenzene-d5	7.20	82	606736	72.72	ng	-0.01
41) 2,4,6-Tribromophenol	10.47	330	88209	49.44	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1169713	115.84	ng	0.00
78) Terphenyl-d14	12.74	244	873765	104.04	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	77036	10.79	ng	# 78
25) Isophorone	7.20	82	556116	36.13	ng	# 65
37) 2-Methylnaphthalene	8.73	142	2537	Below Cal	#	80
71) Anthracene	11.24	178	1244	Below Cal	#	15
73) Di-n-butylphthalate	11.73	149	4462	Below Cal	#	82
74) Fluoranthene	12.37	202	322	Below Cal		61

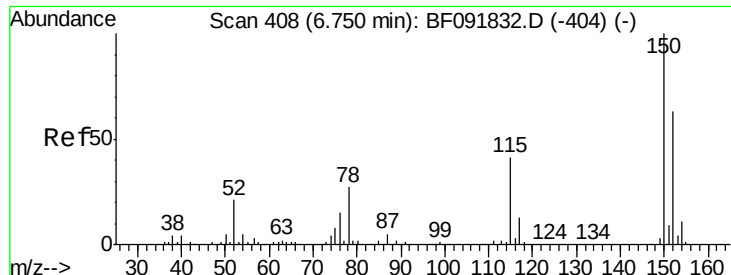
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jan 06 15:43:51 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.64 min Scan# 416

Delta R.T. -0.00 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

Instrument :

BNA_F

ClientSampled :

W-07

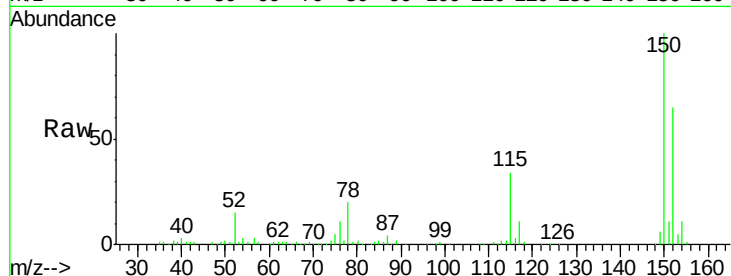
Tgt Ion:152 Resp: 146792

Ion Ratio Lower Upper

152 100

150 154.2 124.9 187.3

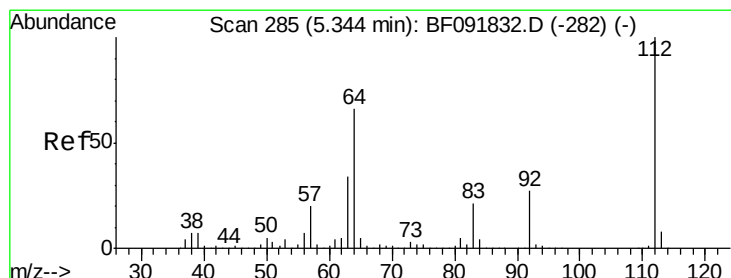
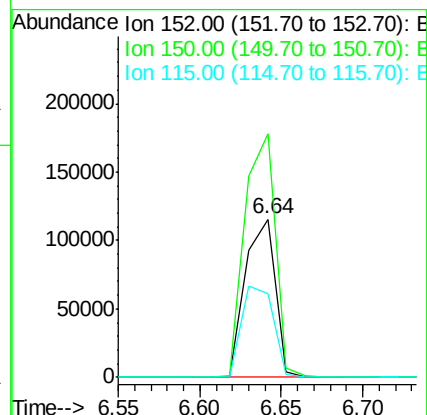
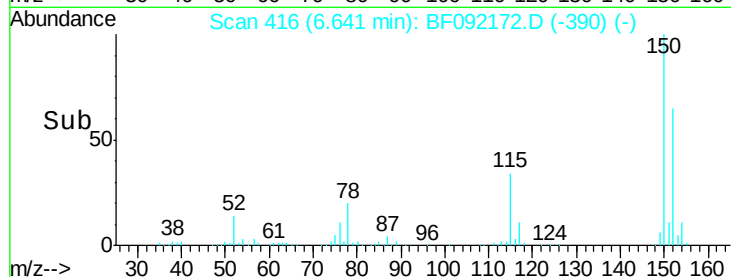
115 52.9 46.0 69.0



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: 50.30 ng

RT: 5.26 min Scan# 295

Delta R.T. 0.02 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

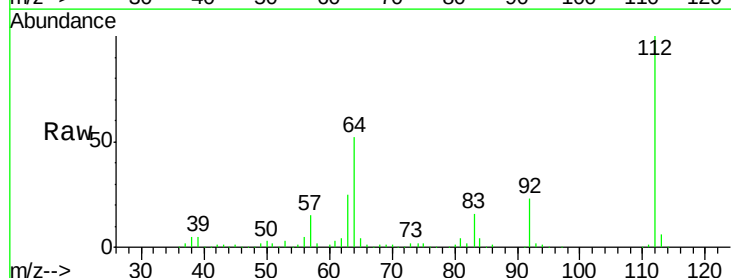
Tgt Ion:112 Resp: 442182

Ion Ratio Lower Upper

112 100

64 51.7 46.1 69.1

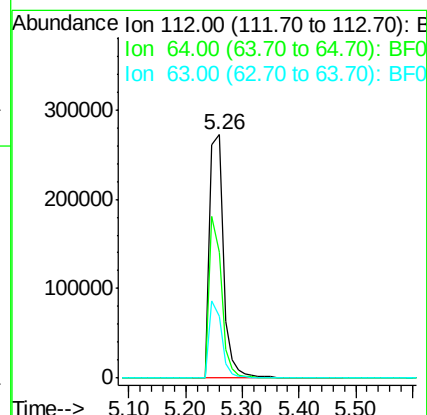
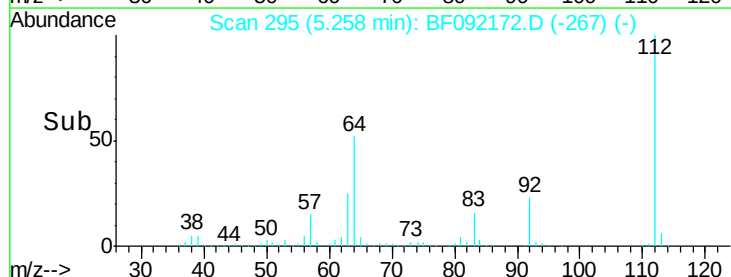
63 25.5 23.8 35.6

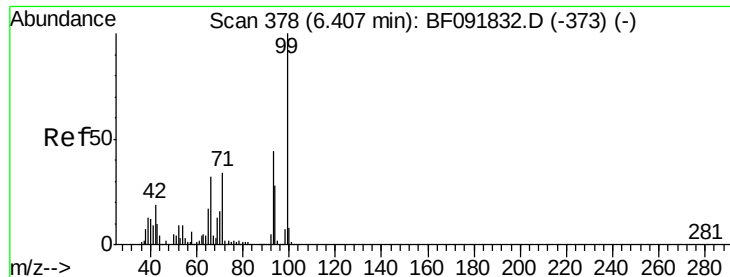


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 30.12 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

Instrument :

BNA_F

ClientSampleId :

W-07

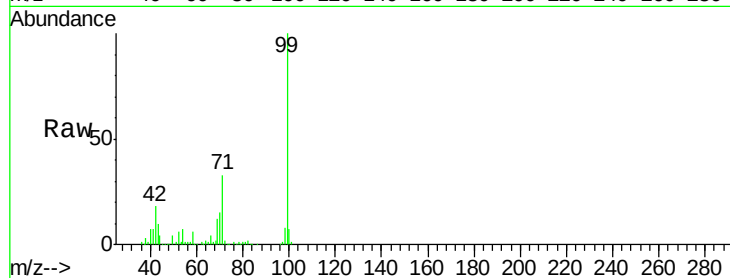
Tgt Ion: 99 Resp: 323303

Ion Ratio Lower Upper

99 100

42 18.3 15.6 23.4

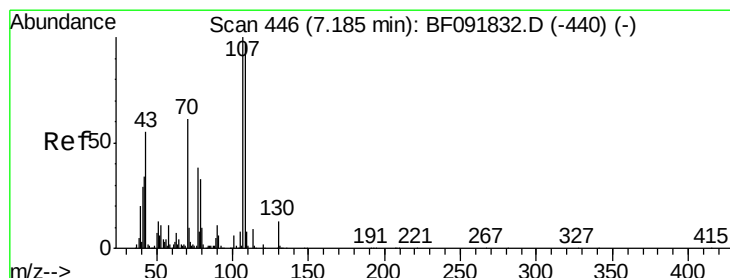
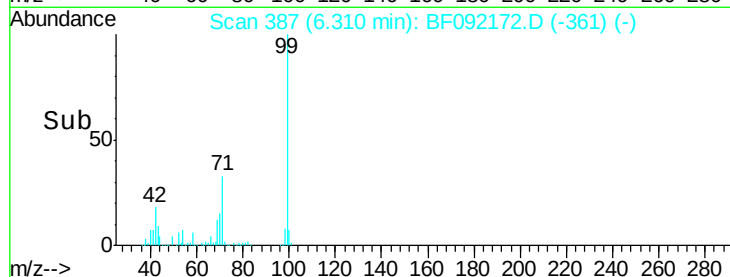
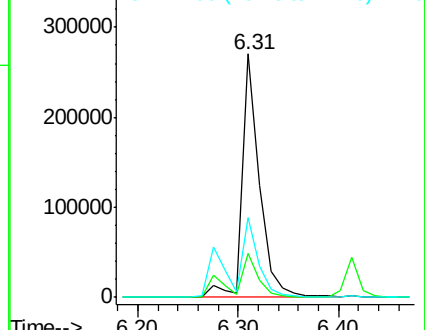
71 33.0 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 10.79 ng

RT: 7.20 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

Tgt Ion: 70 Resp: 77036

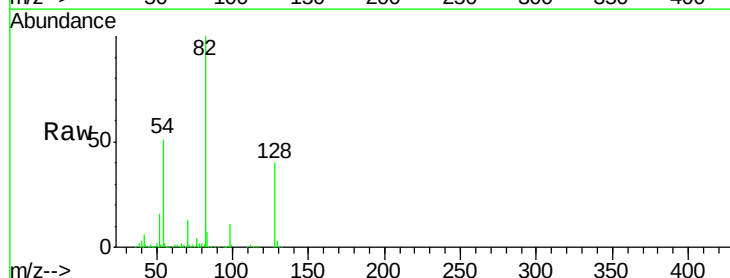
Ion Ratio Lower Upper

70 100

42 48.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

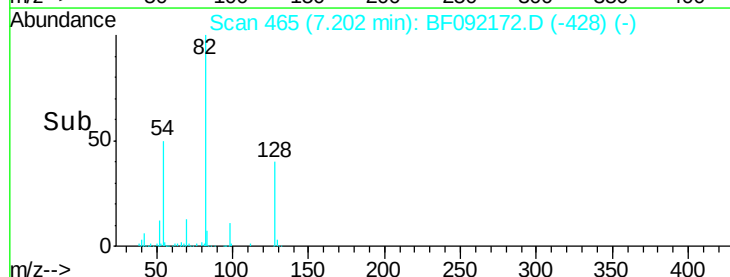
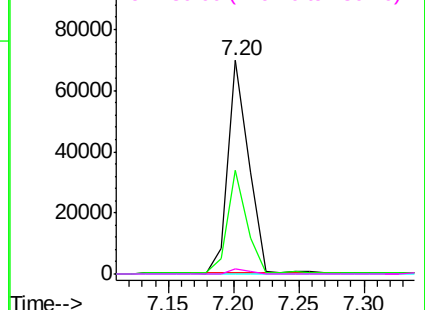


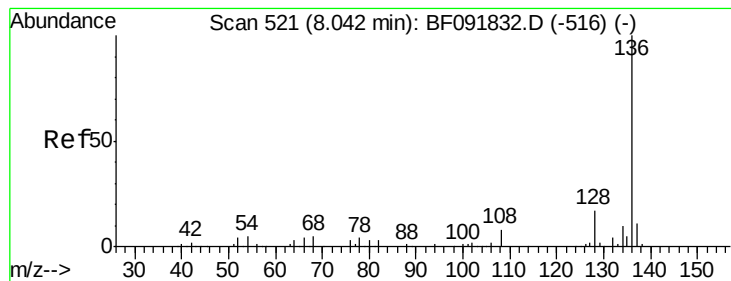
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

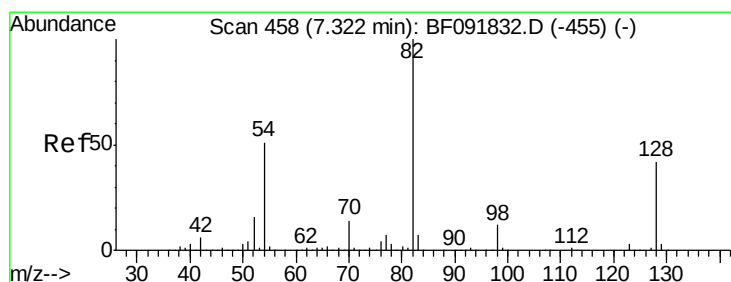
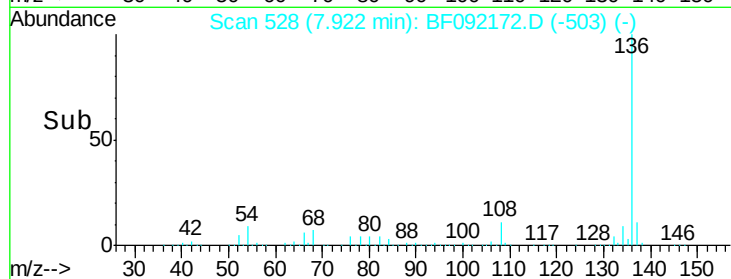
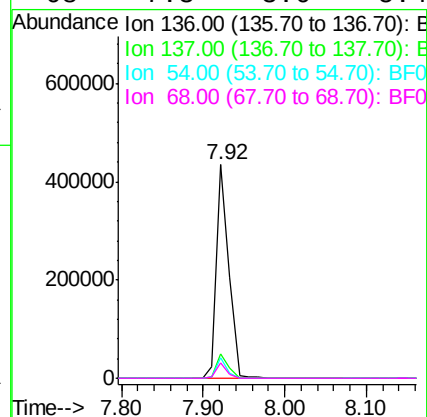
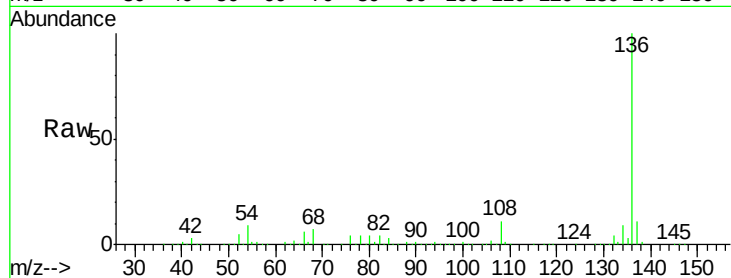




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092172.D
Acq: 10 Jan 2017 6:50

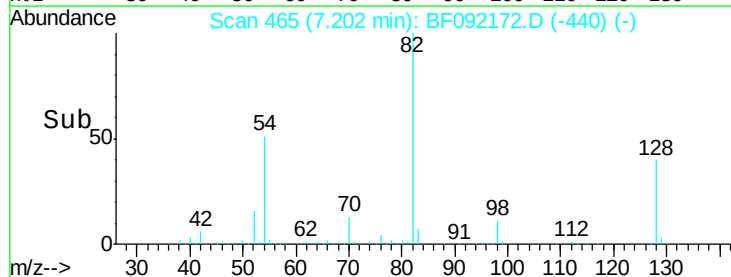
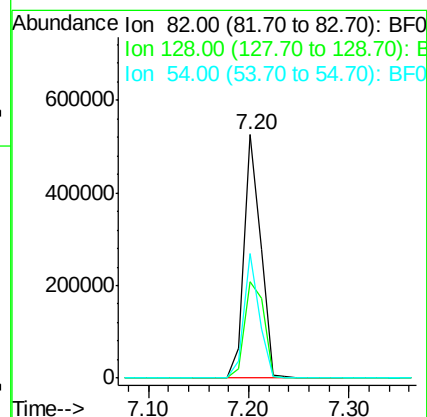
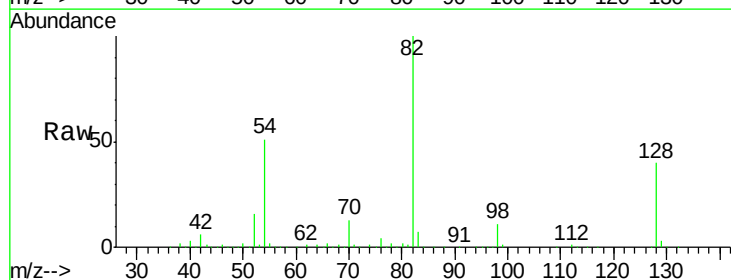
Instrument :
BNA_F
ClientSampleId :
W-07

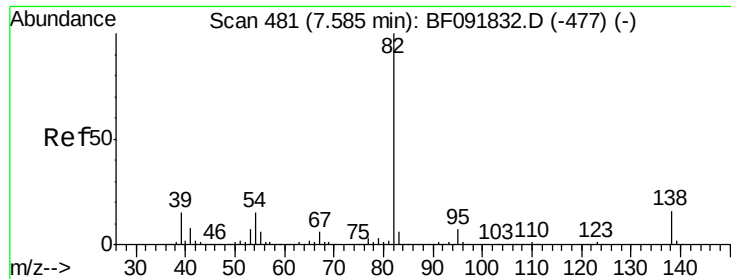
Tgt Ion:	136	Resp:	463960
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	9.4	4.5	6.7#
68	7.3	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 72.72 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092172.D
Acq: 10 Jan 2017 6:50

Tgt Ion:	82	Resp:	606736
Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.6	52.0
54	51.0	39.5	59.3





#25

Isophorone

Concen: 36.13 ng

RT: 7.20 min Scan# 465

Delta R.T. -0.27 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

Instrument :

BNA_F

ClientSampleId :

W-07

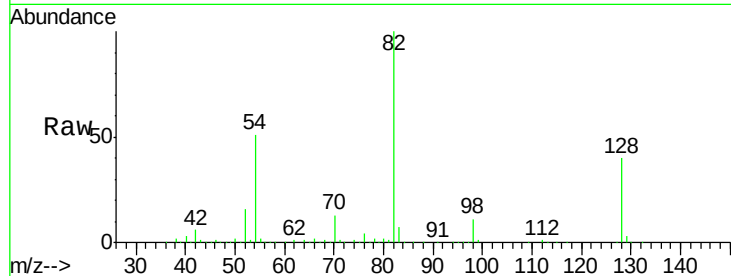
Tgt Ion: 82 Resp: 556116

Ion Ratio Lower Upper

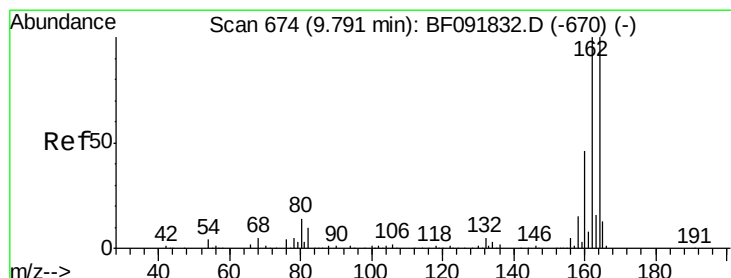
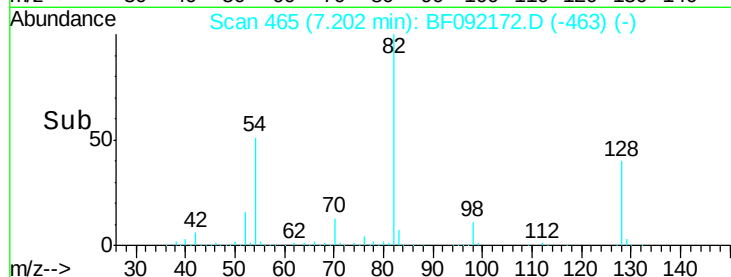
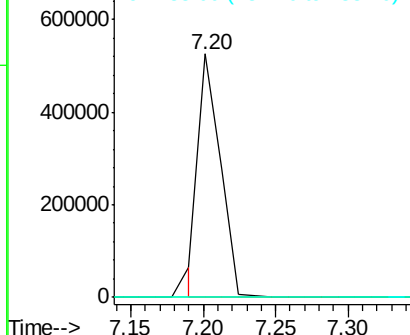
82 100

95 0.1 5.6 8.4#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.68 min Scan# 682

Delta R.T. -0.00 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

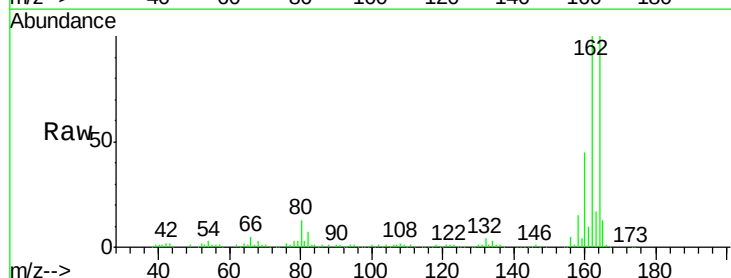
Tgt Ion: 164 Resp: 215603

Ion Ratio Lower Upper

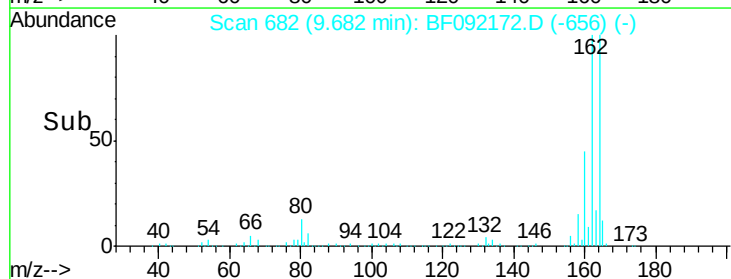
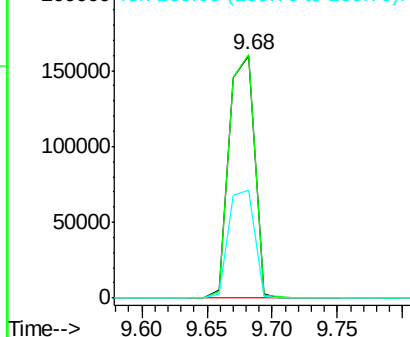
164 100

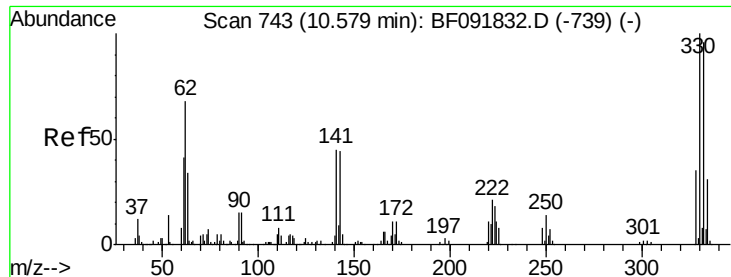
162 100.2 80.2 120.2

160 44.7 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

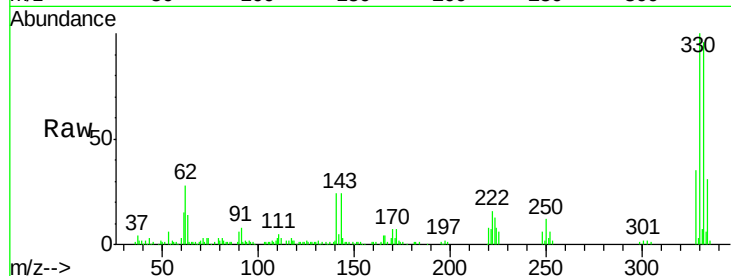




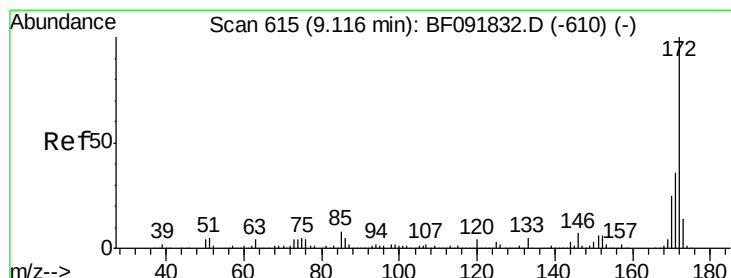
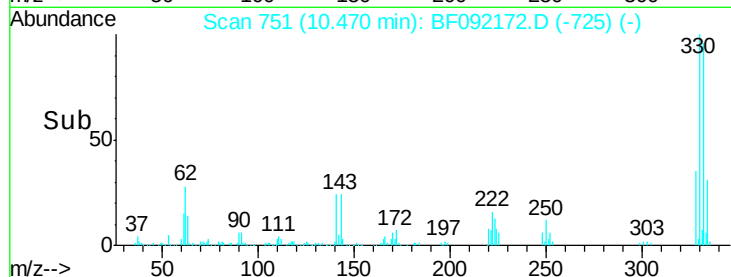
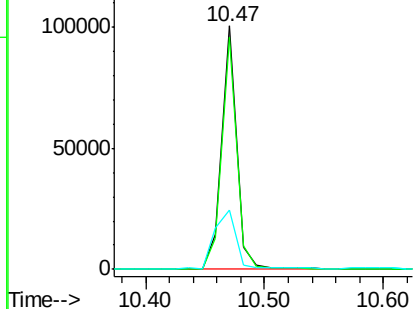
#41
 2,4,6-Tribromophenol
 Concen: 49.44 ng
 RT: 10.47 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF092172.D
 Acq: 10 Jan 2017 6:50

Instrument :
 BNA_F
 ClientSampleId :
 W-07

Tgt Ion:330 Resp: 88209
 Ion Ratio Lower Upper
 330 100
 332 95.0 77.4 116.2
 141 34.3 34.1 51.1

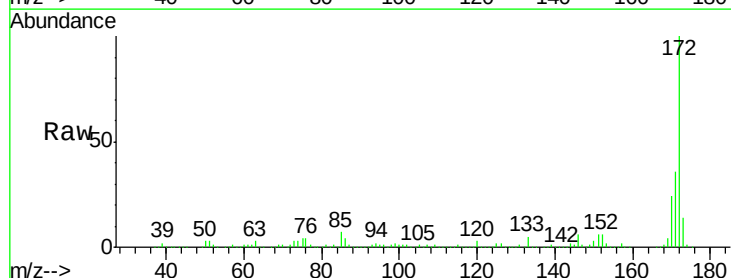


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

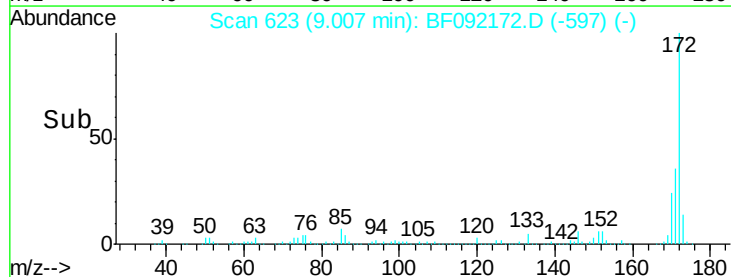
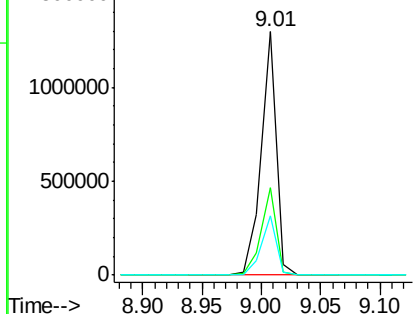


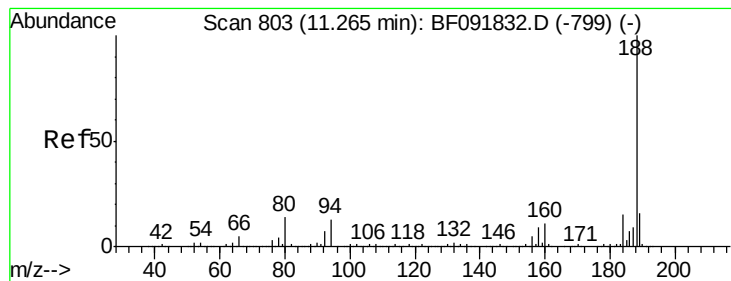
#44
 2-Fluorobiphenyl
 Concen: 115.84 ng
 RT: 9.01 min Scan# 623
 Delta R.T. -0.00 min
 Lab File: BF092172.D
 Acq: 10 Jan 2017 6:50

Tgt Ion:172 Resp: 1169713
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.2 20.2 30.4



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.16 min Scan# 811

Delta R.T. -0.00 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

Instrument :

BNA_F

ClientSampled :

W-07

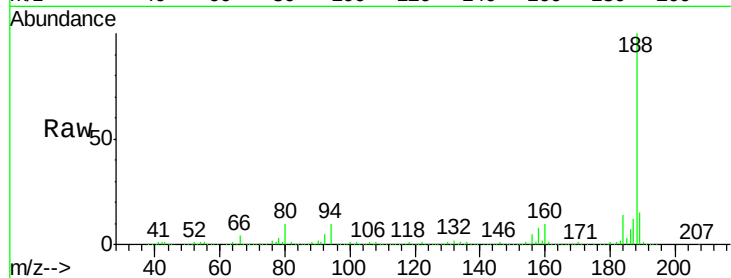
Tgt Ion:188 Resp: 355657

Ion Ratio Lower Upper

188 100

94 9.9 10.0 15.0#

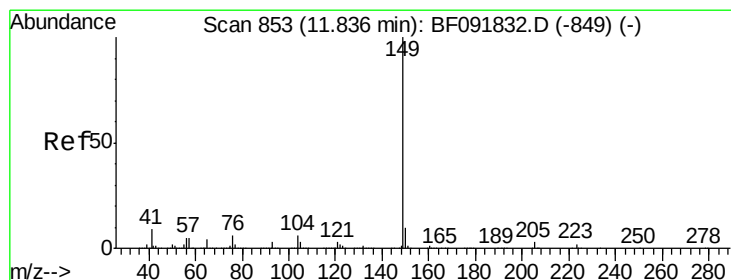
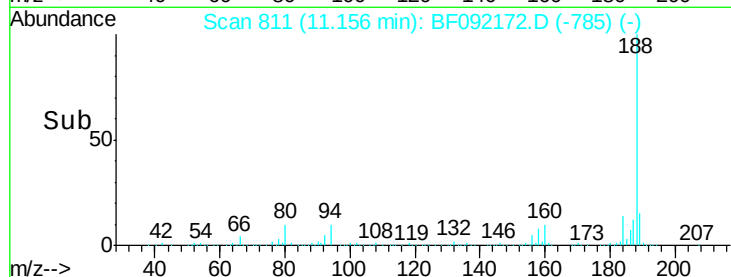
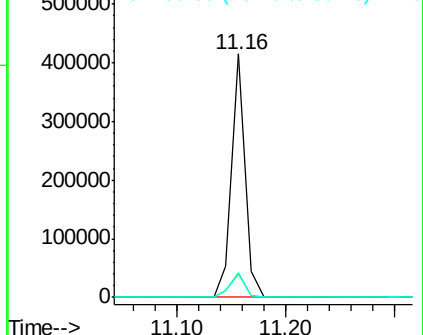
80 10.4 11.2 16.8#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.73 min Scan# 861

Delta R.T. -0.00 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

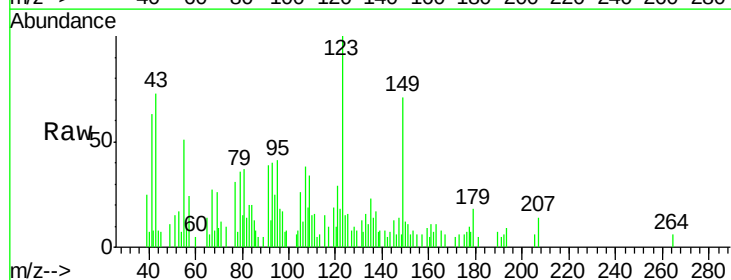
Tgt Ion:149 Resp: 4462

Ion Ratio Lower Upper

149 100

150 17.5 8.1 12.1#

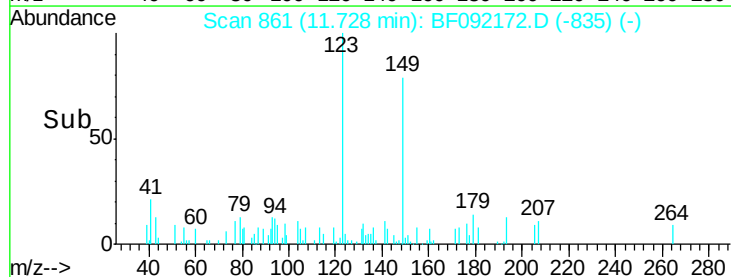
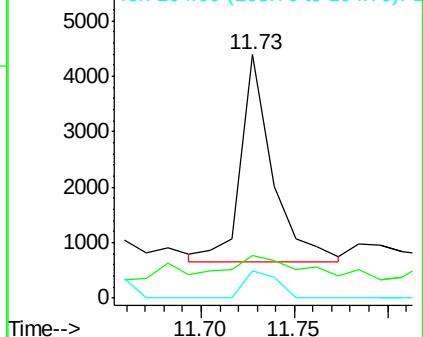
104 11.1 4.6 7.0#

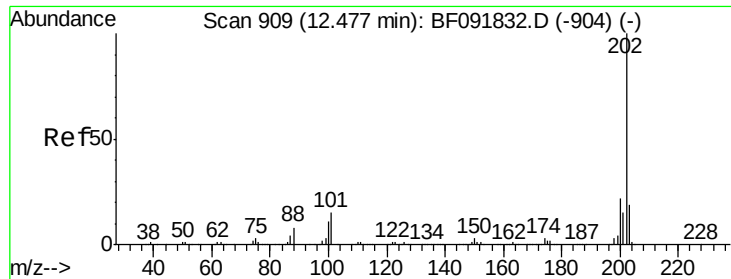


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.37 min Scan# 917

Delta R.T. -0.00 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

Instrument :

BNA_F

ClientSampleId :

W-07

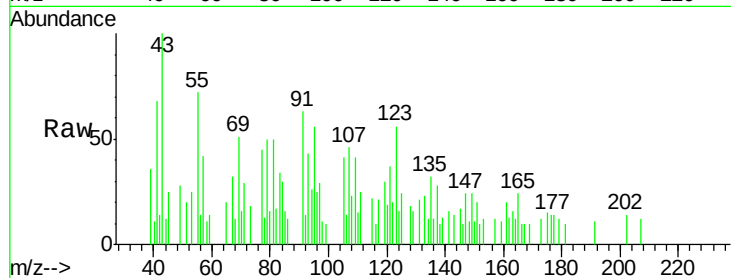
Tgt Ion: 202 Resp: 322

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

203 0.0 0.0 38.7



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

800

600

400

200

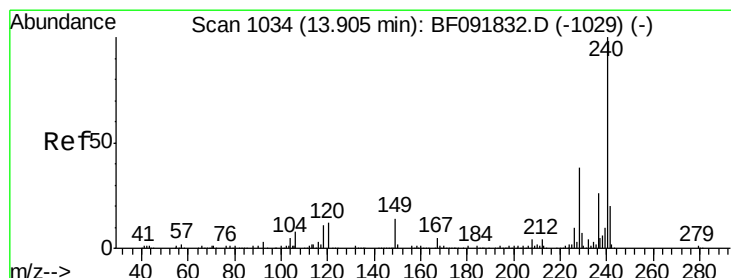
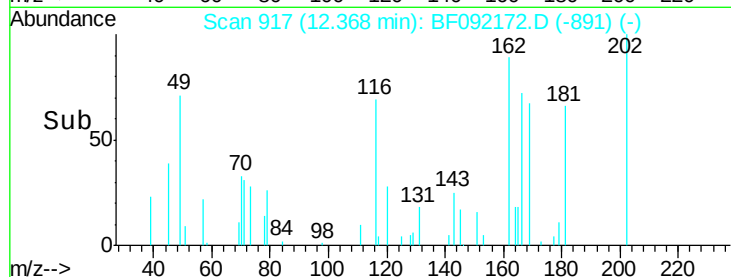
0

12.35

12.37

12.40

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.79 min Scan# 1041

Delta R.T. -0.00 min

Lab File: BF092172.D

Acq: 10 Jan 2017 6:50

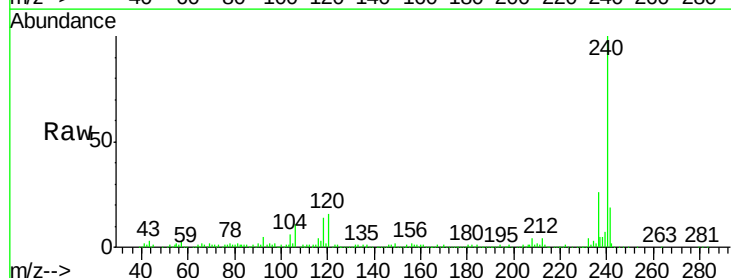
Tgt Ion: 240 Resp: 203691

Ion Ratio Lower Upper

240 100

120 15.9 12.9 19.3

236 25.8 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

250000

200000

150000

100000

50000

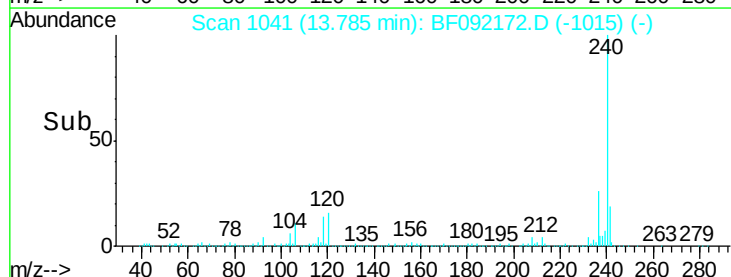
0

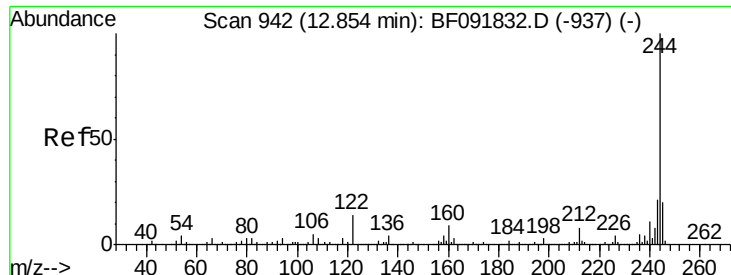
13.70

13.79

13.90

Time-->

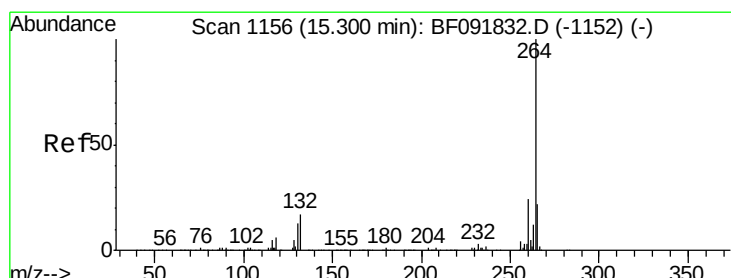
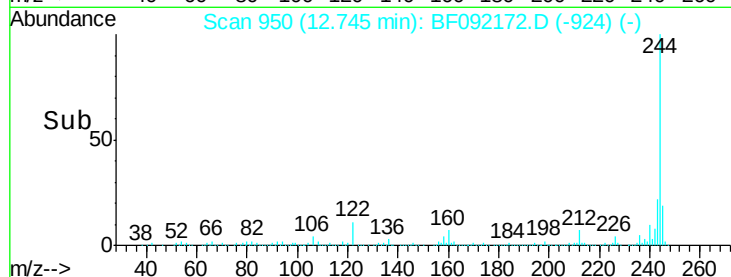
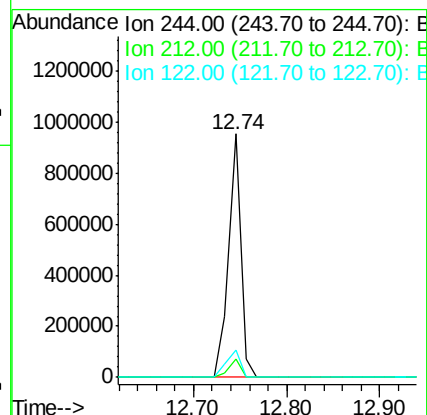
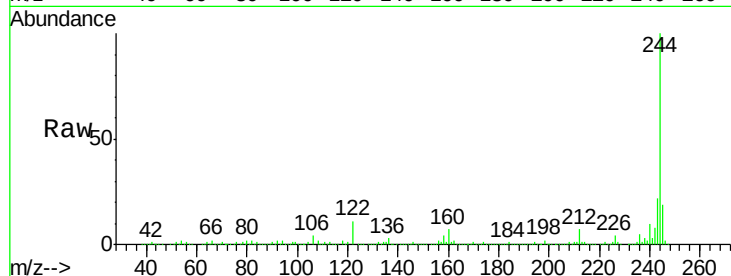




#78
 Terphenyl-d14
 Concen: 104.04 ng
 RT: 12.74 min Scan# 950
 Delta R.T. -0.00 min
 Lab File: BF092172.D
 Acq: 10 Jan 2017 6:50

Instrument :
 BNA_F
 ClientSampleId :
 W-07

Tgt Ion:244 Resp: 873765
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 11.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1162
 Delta R.T. 0.02 min
 Lab File: BF092172.D
 Acq: 10 Jan 2017 6:50

Tgt Ion:264 Resp: 164858
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.2 28.8
 265 21.6 17.4 26.0

