

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092300.D
 Acq On : 16 Jan 2017 22:21
 Operator : UM/SJ
 Sample : I1197-07
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-45

Quant Time: Jan 17 00:47:06 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

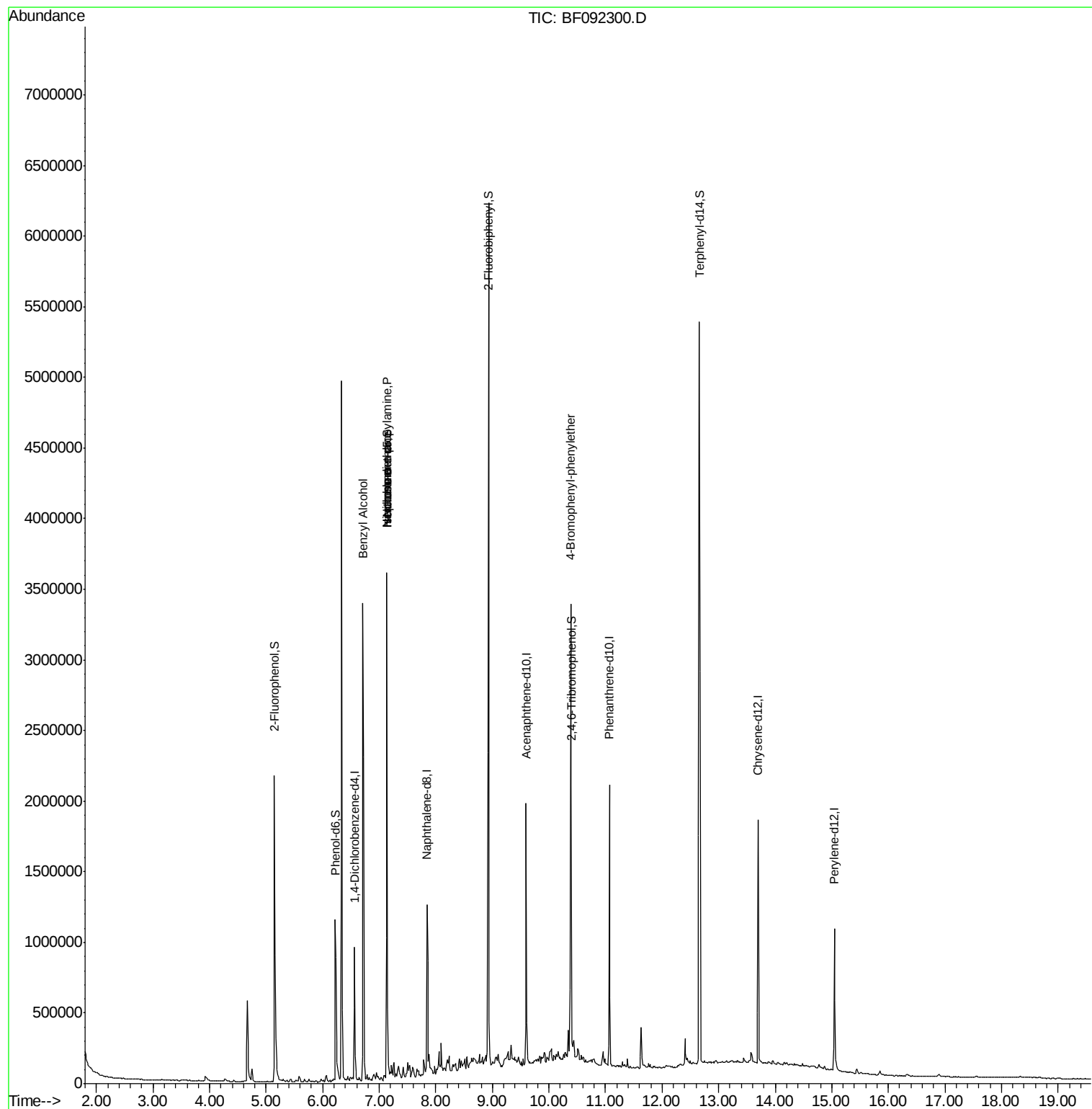
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	177041	20.00	ng	-0.08
21) Naphthalene-d8	7.84	136	680540	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	372640	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	721569	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	619686	20.00	ng	-0.09
86) Perylene-d12	15.05	264	439101	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	805257	75.95	ng	-0.09
7) Phenol-d6	6.22	99	632590	48.87	ng	-0.09
23) Nitrobenzene-d5	7.14	82	1238322	101.18	ng	-0.08
41) 2,4,6-Tribromophenol	10.39	330	555938	180.27	ng	-0.08
44) 2-Fluorobiphenyl	8.93	172	1982292	113.29	ng	-0.08
78) Terphenyl-d14	12.66	244	2270995	88.88	ng	-0.09
Target Compounds						
9) Benzaldehyde	6.22	77	1618	Below Cal	#	1
15) Benzyl Alcohol	6.71	79	20374	2.03	ng	43
18) Hexachloroethane	7.14	117	12391	2.55	ng	16
19) n-Nitroso-di-n-propylamine	7.14	70	169141	19.64	ng	77
25) Isophorone	7.14	82	1225860	54.29	ng	65
37) 2-Methylnaphthalene	8.52	142	1172	Below Cal	#	1
66) 4-Bromophenyl-phenylether	10.38	248	32476	4.33	ng	1
71) Anthracene	11.15	178	899	Below Cal	#	27
73) Di-n-butylphthalate	11.65	149	22975	Below Cal		97
74) Fluoranthene	12.28	202	1160	Below Cal	#	25
76) Benzydine	12.66	184	29007	Below Cal		97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.08 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

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BNA_F

ClientSampleId :

W-45

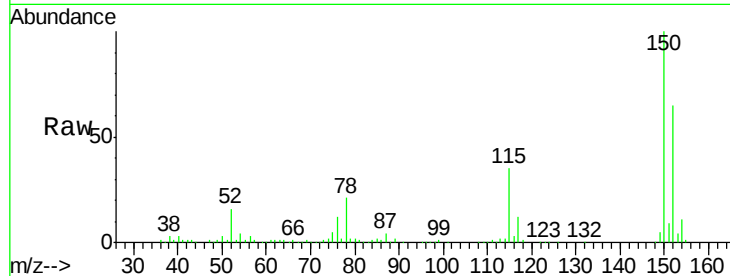
Tgt Ion:152 Resp: 177041

Ion Ratio Lower Upper

152 100

150 153.9 124.9 187.3

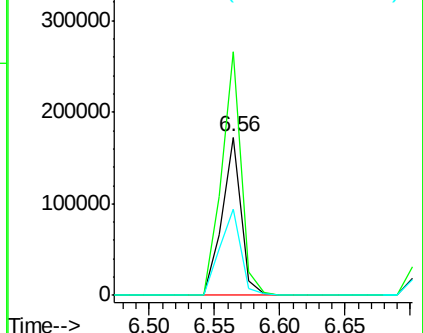
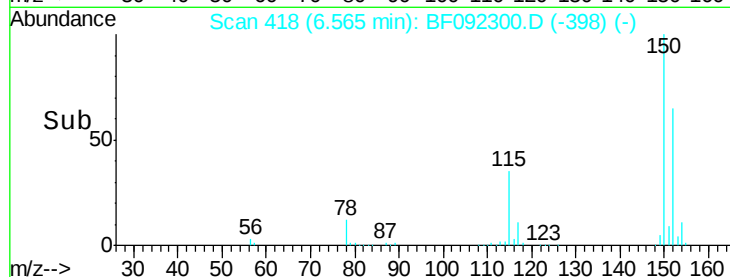
115 54.3 46.0 69.0



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: 75.95 ng

RT: 5.15 min Scan# 294

Delta R.T. -0.09 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

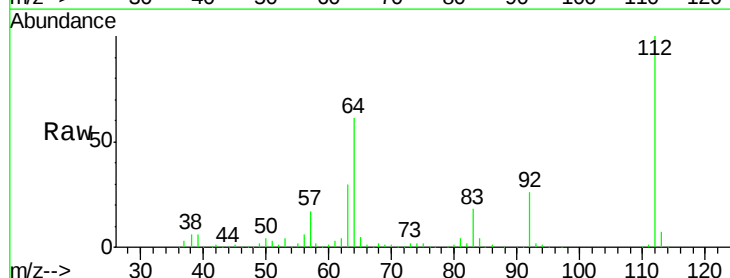
Tgt Ion:112 Resp: 805257

Ion Ratio Lower Upper

112 100

64 60.6 46.1 69.1

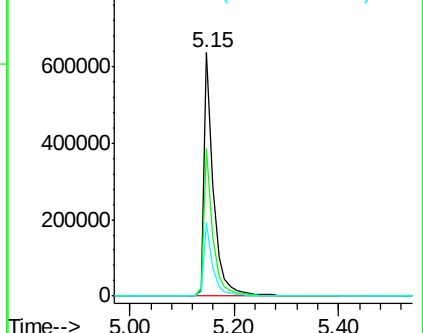
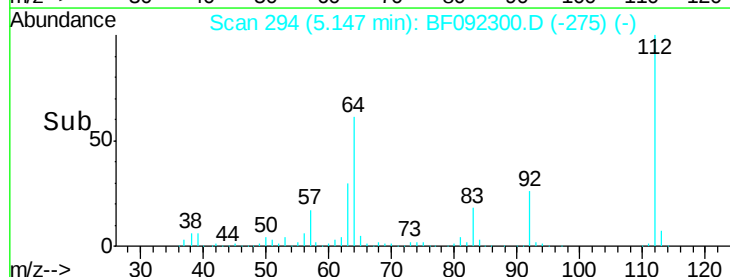
63 30.0 23.8 35.6



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: 48.87 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

W-45

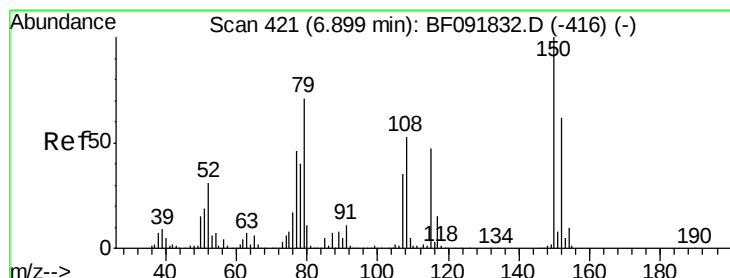
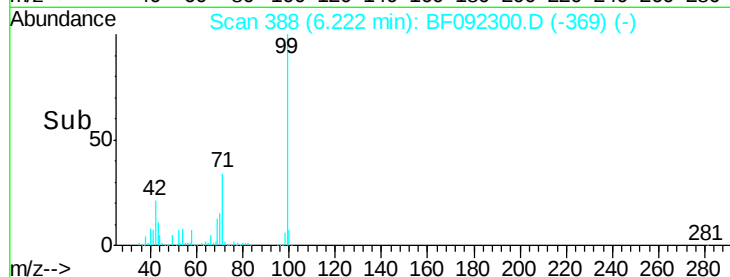
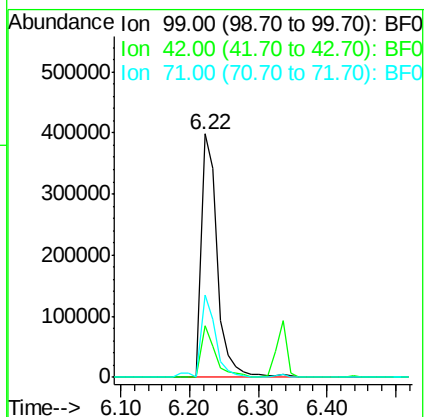
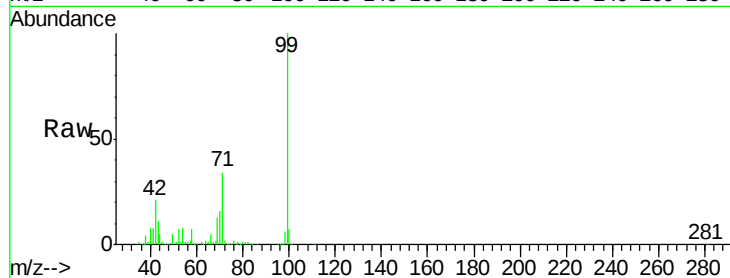
Tgt Ion: 99 Resp: 632590

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

71 33.7 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.03 ng

RT: 6.71 min Scan# 431

Delta R.T. -0.09 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

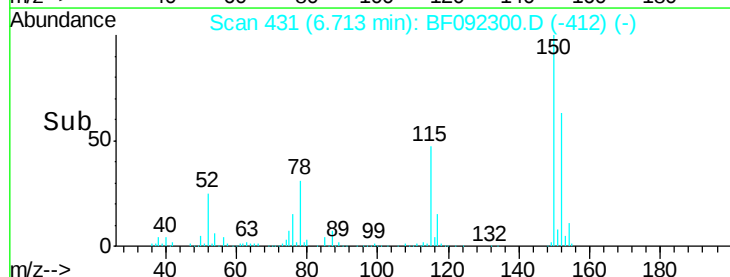
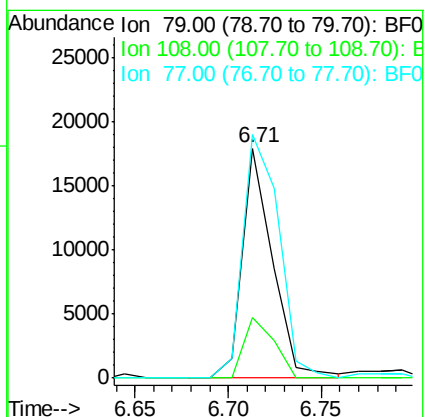
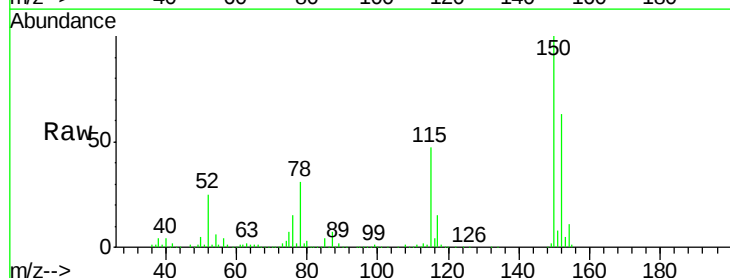
Tgt Ion: 79 Resp: 20374

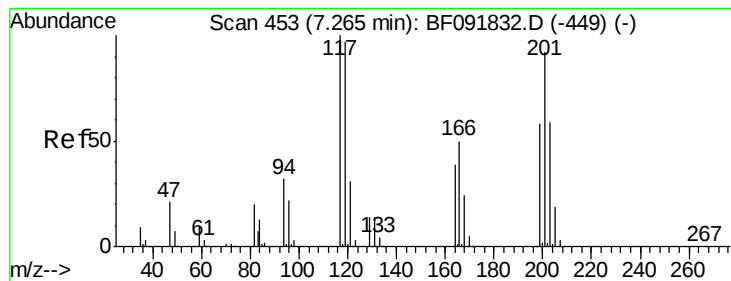
Ion Ratio Lower Upper

79 100

108 26.3 61.4 92.0#

77 106.0 50.9 76.3#





#18

Hexachloroethane

Concen: 2.55 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

W-45

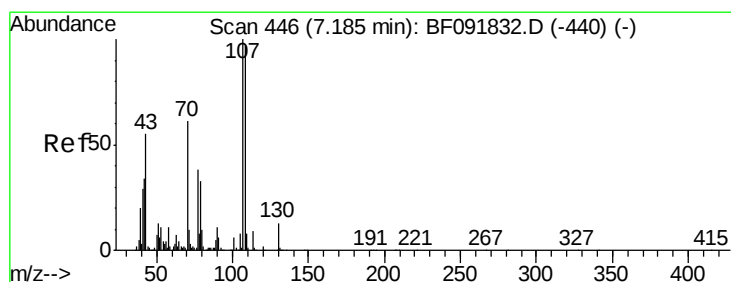
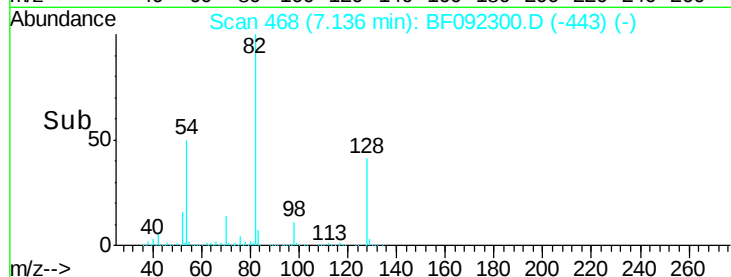
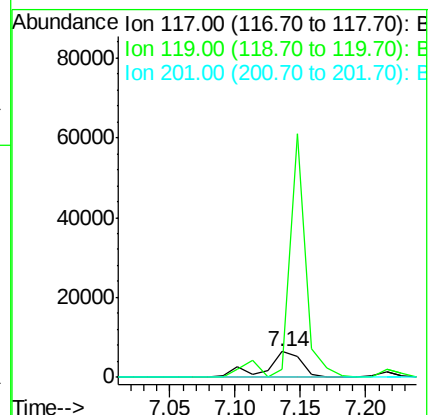
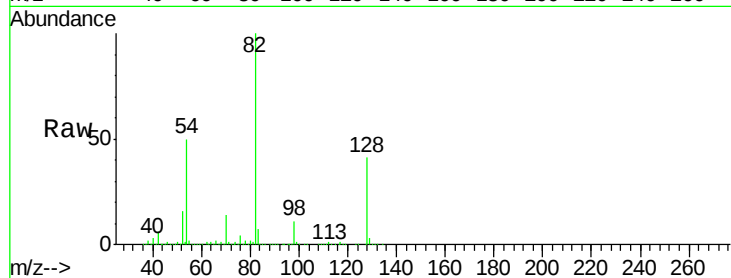
Tgt Ion:117 Resp: 12391

Ion Ratio Lower Upper

117 100

119 29.7 78.1 117.1#

201 0.0 78.6 117.8#



#19

n-Nitroso-di-n-propylamine

Concen: 19.64 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.06 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

Tgt Ion: 70 Resp: 169141

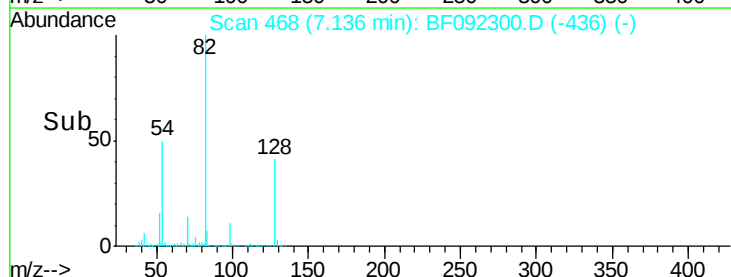
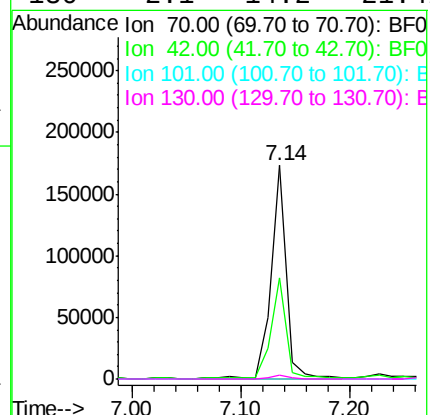
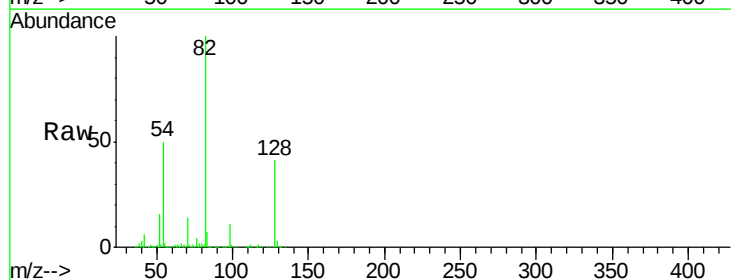
Ion Ratio Lower Upper

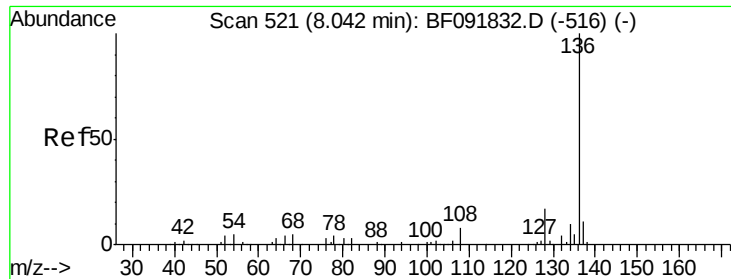
70 100

42 47.6 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

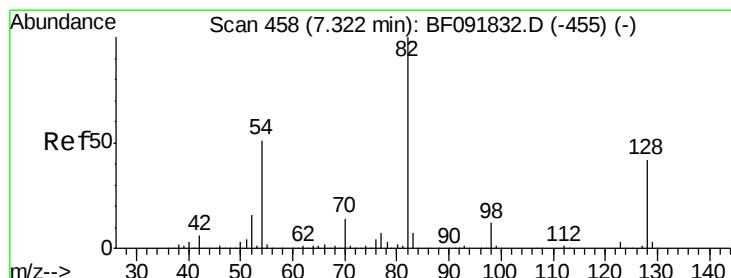
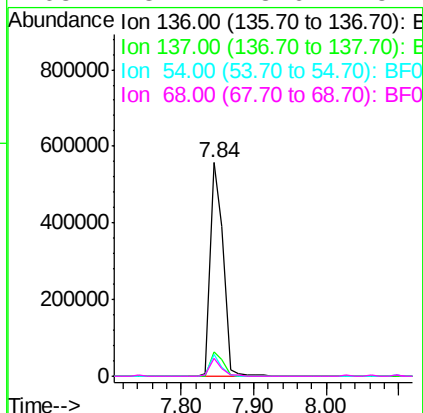
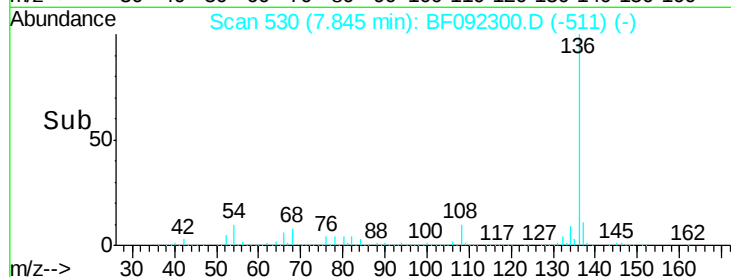
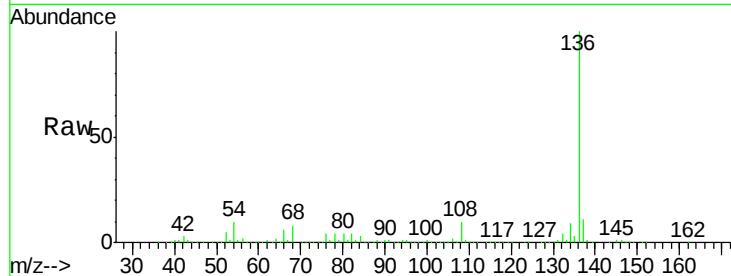




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092300.D
Acq: 16 Jan 2017 22:21

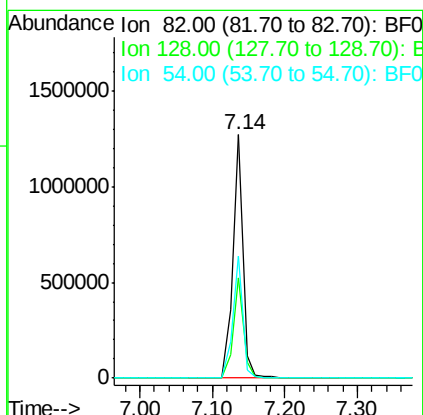
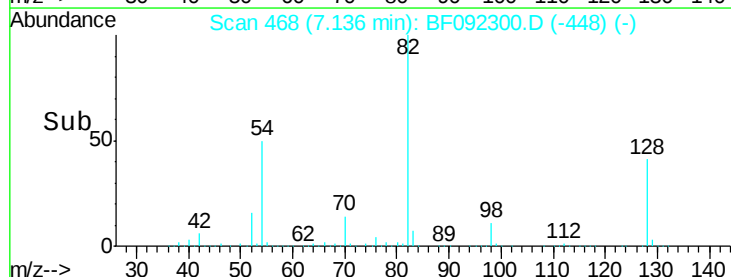
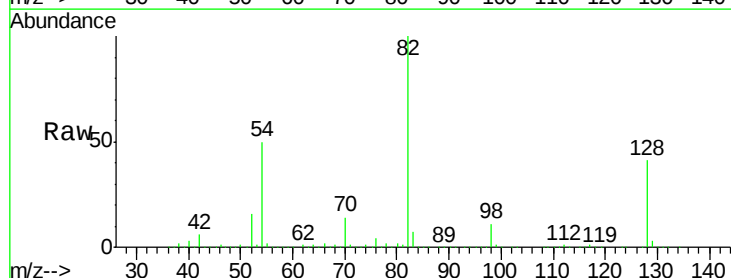
Instrument :
BNA_F
ClientSampleId :
W-45

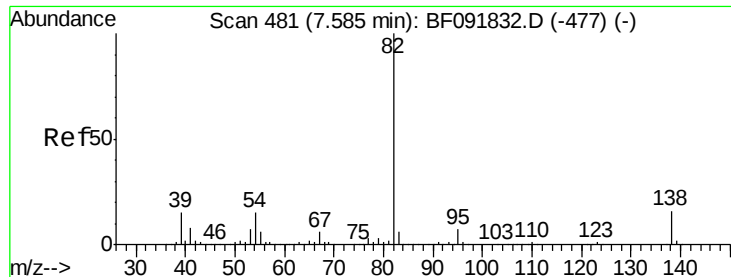
Tgt Ion:	136	Resp:	680540
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	10.1	4.5	6.7#
68	8.1	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 101.18 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.08 min
Lab File: BF092300.D
Acq: 16 Jan 2017 22:21

Tgt Ion:	82	Resp:	1238322
Ion	Ratio	Lower	Upper
82	100		
128	41.1	34.6	52.0
54	50.0	39.5	59.3





#25

Isophorone

Concen: 54.29 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.34 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

W-45

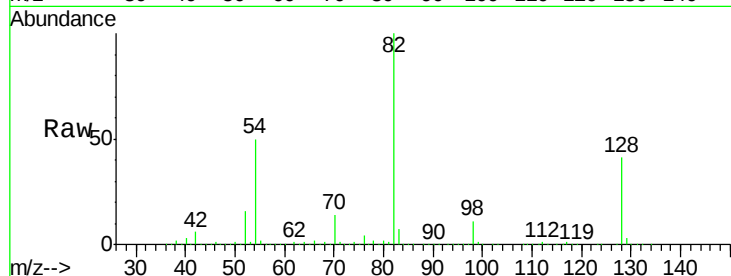
Tgt Ion: 82 Resp: 1225860

Ion Ratio Lower Upper

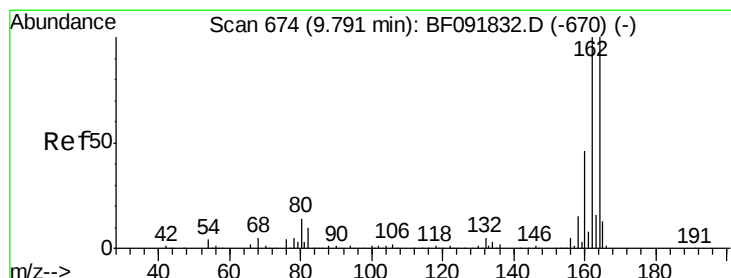
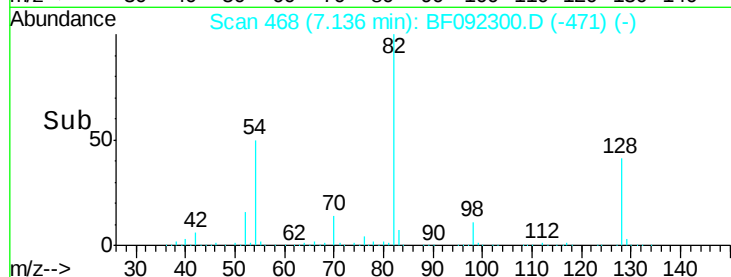
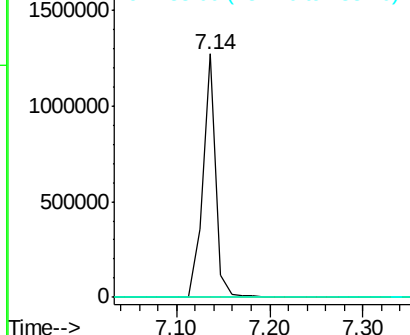
82 100

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: 9.59 min Scan# 683

Delta R.T. -0.09 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

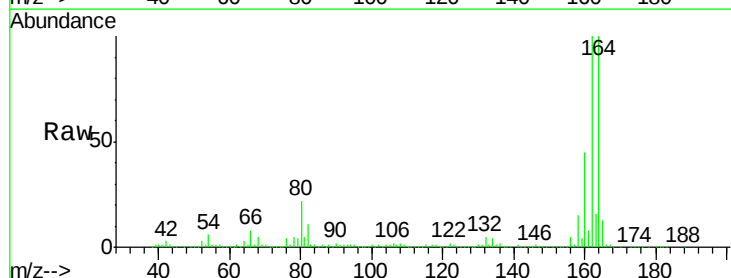
Tgt Ion: 164 Resp: 372640

Ion Ratio Lower Upper

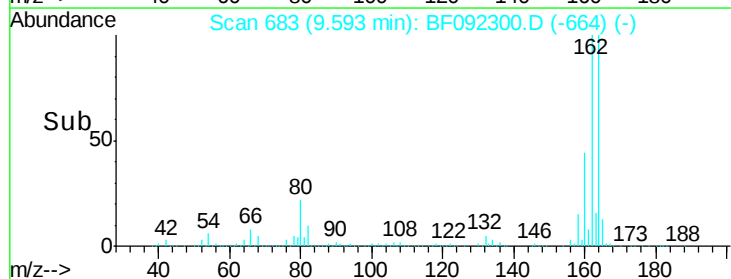
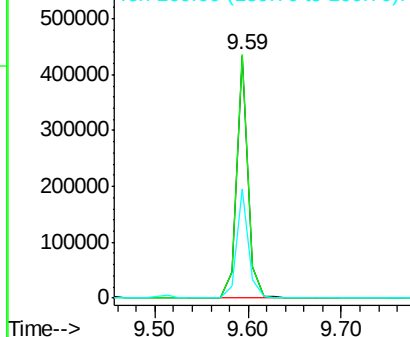
164 100

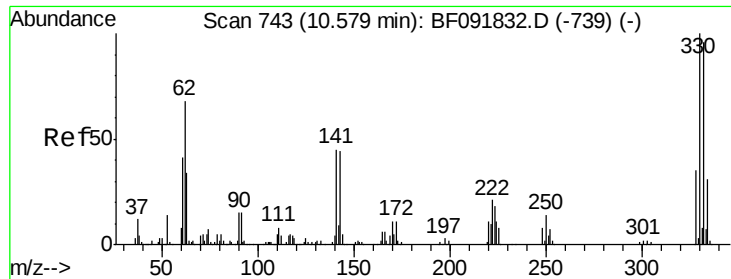
162 100.2 80.2 120.2

160 44.8 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

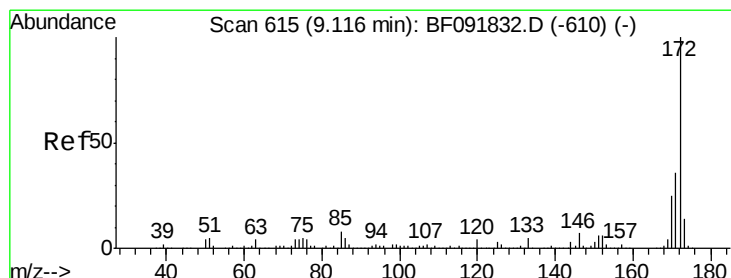
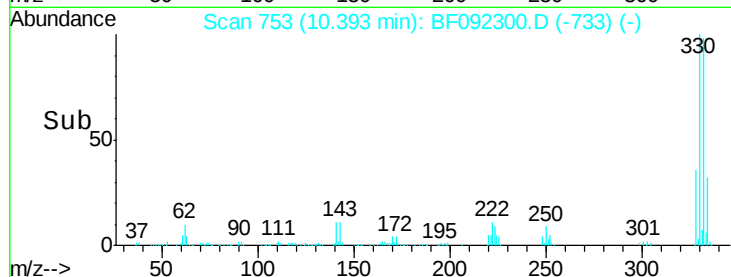
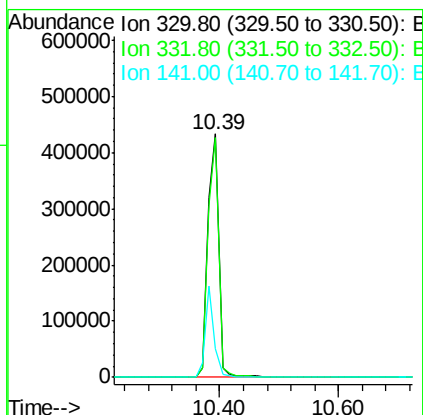
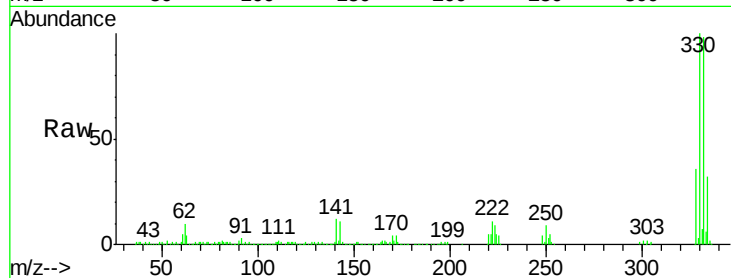




#41
 2,4,6-Tribromophenol
 Concen: 180.27 ng
 RT: 10.39 min Scan# 753
 Delta R.T. -0.08 min
 Lab File: BF092300.D
 Acq: 16 Jan 2017 22:21

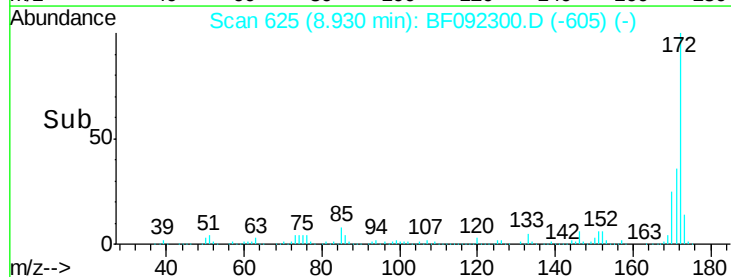
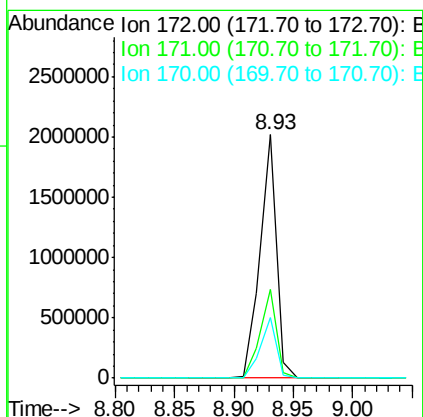
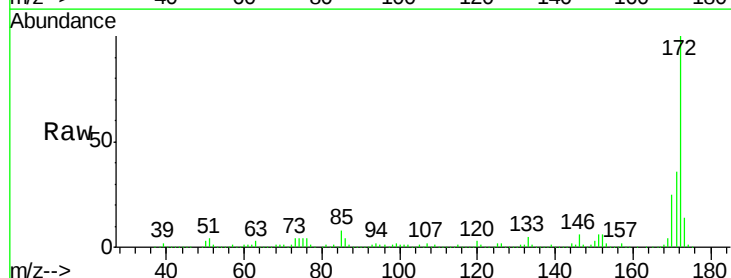
Instrument :
 BNA_F
 ClientSampleId :
 W-45

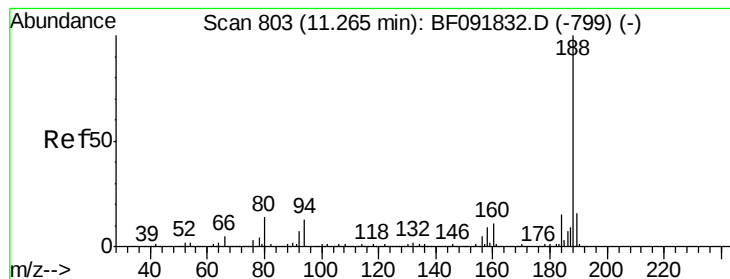
Tgt Ion:330 Resp: 555938
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 30.5 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 113.29 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092300.D
 Acq: 16 Jan 2017 22:21

Tgt Ion:172 Resp: 1982292
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.0
 170 24.8 20.2 30.4





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.07 min Scan# 812

Delta R.T. -0.09 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

W-45

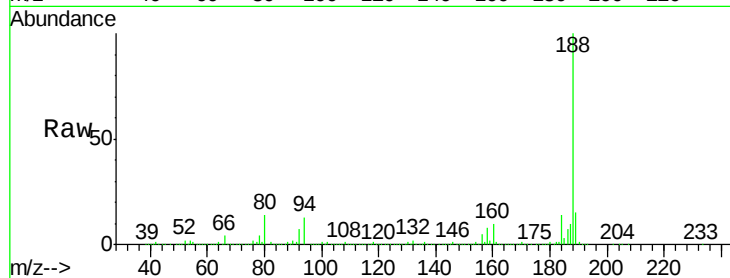
Tgt Ion:188 Resp: 721569

Ion Ratio Lower Upper

188 100

94 12.5 10.0 15.0

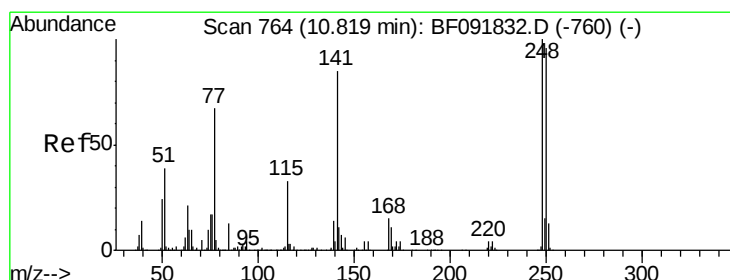
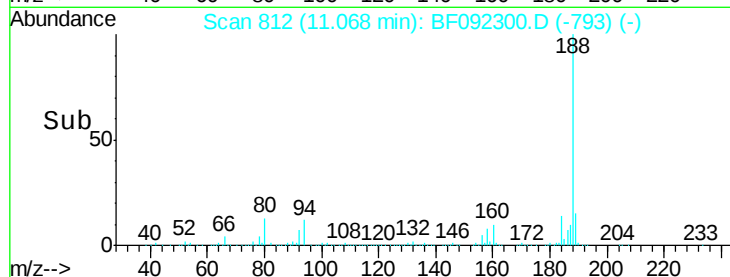
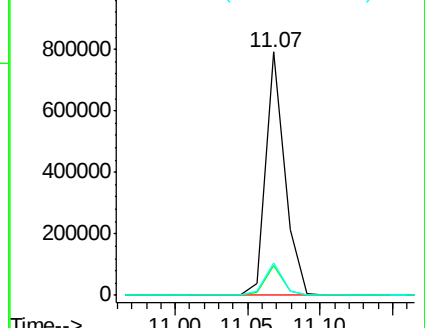
80 13.5 11.2 16.8



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



#66

4-Bromophenyl-phenylether

Concen: 4.33 ng

RT: 10.38 min Scan# 752

Delta R.T. -0.33 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

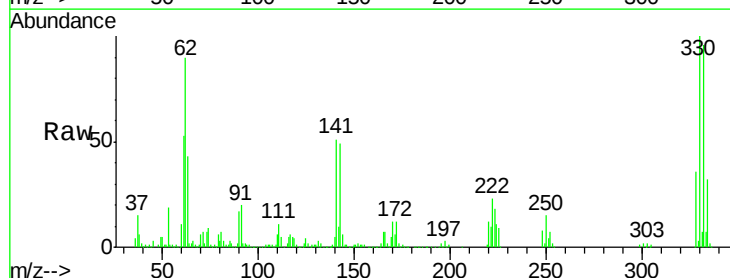
Tgt Ion:248 Resp: 32476

Ion Ratio Lower Upper

248 100

250 192.9 76.9 115.3#

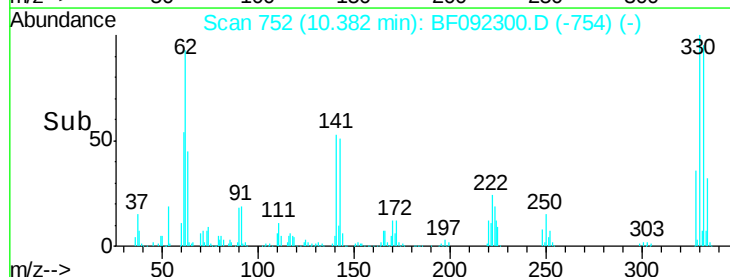
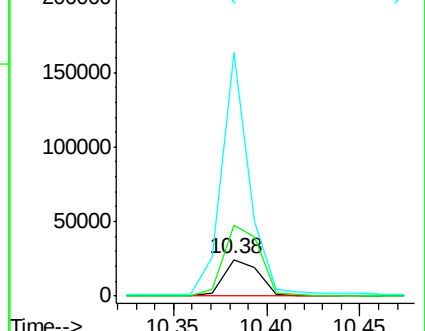
141 665.8 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.65 min Scan# 863

Delta R.T. -0.08 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

W-45

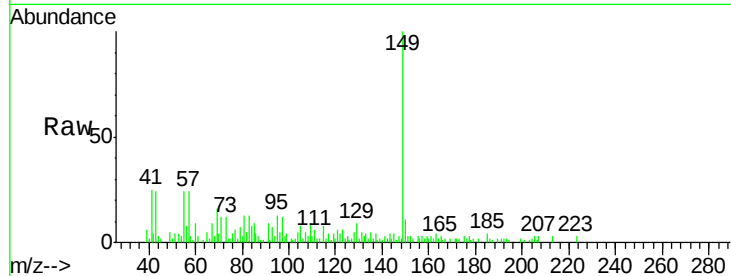
Tgt Ion:149 Resp: 22975

Ion Ratio Lower Upper

149 100

150 11.5 8.1 12.1

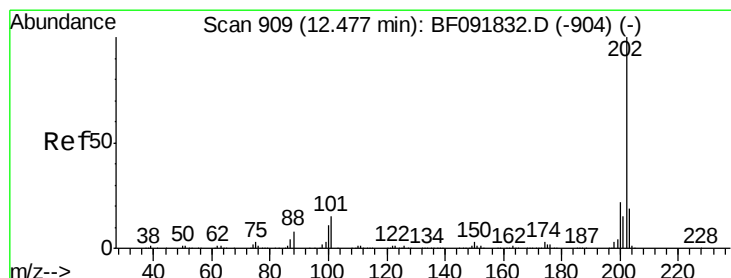
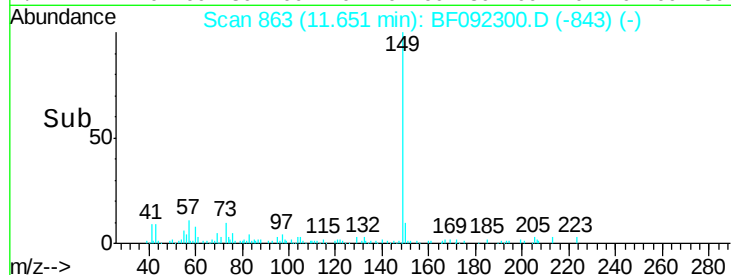
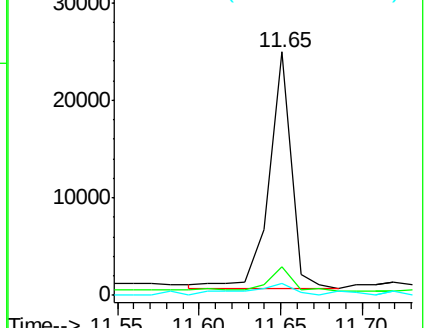
104 4.9 4.6 7.0



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: 12.28 min Scan# 918

Delta R.T. -0.09 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

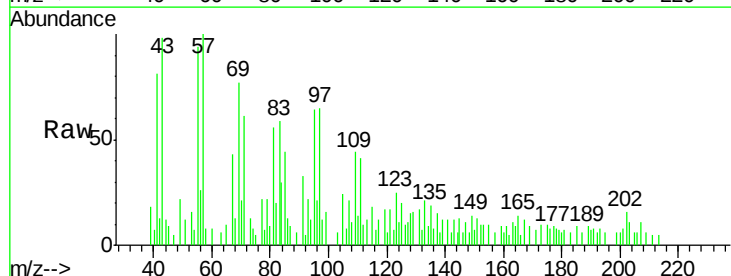
Tgt Ion:202 Resp: 1160

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

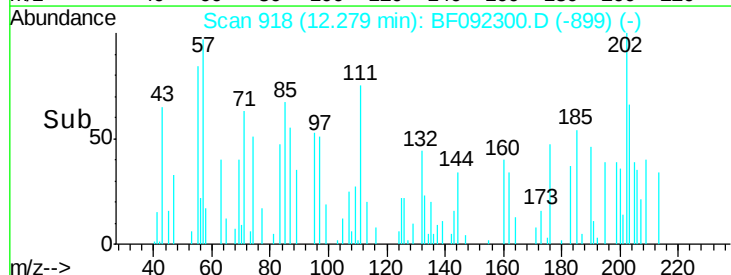
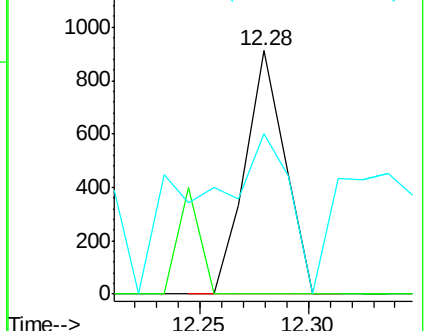
203 66.0 0.0 38.7#

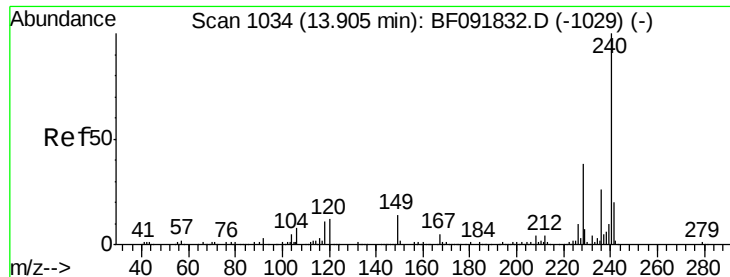


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.70 min Scan# 1042

Delta R.T. -0.09 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

Instrument :

BNA_F

ClientSampleId :

W-45

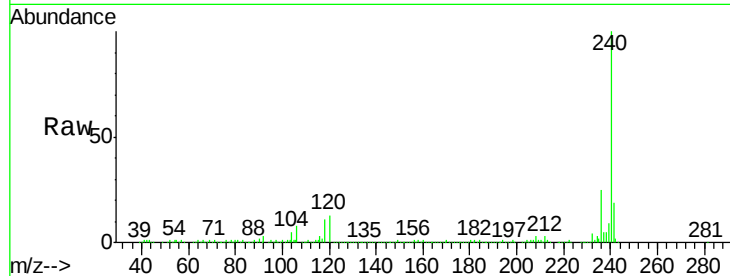
Tgt Ion:240 Resp: 619686

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

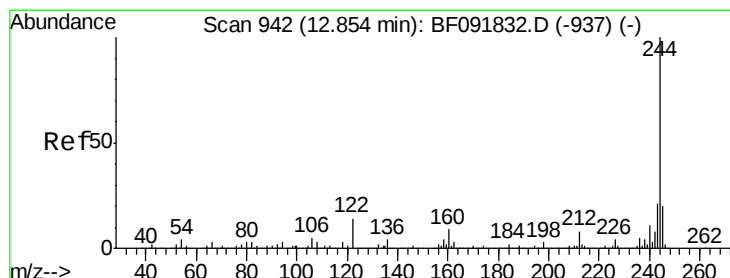
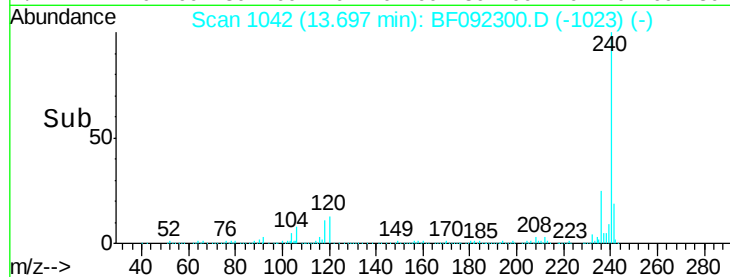
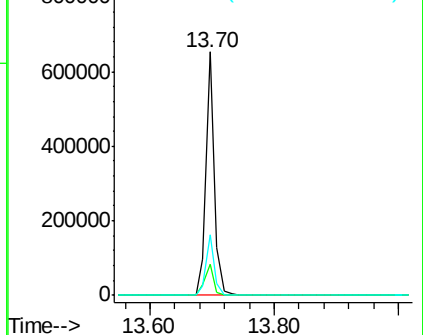
236 25.0 20.9 31.3



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: 88.88 ng

RT: 12.66 min Scan# 951

Delta R.T. -0.09 min

Lab File: BF092300.D

Acq: 16 Jan 2017 22:21

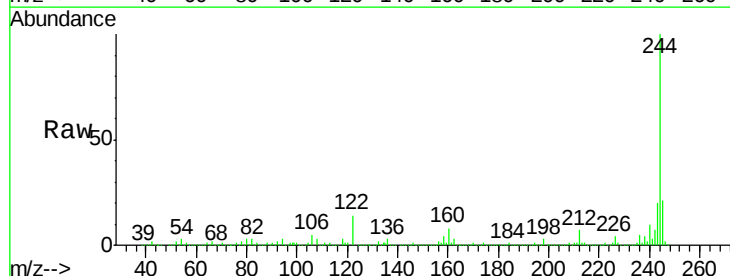
Tgt Ion:244 Resp: 2270995

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

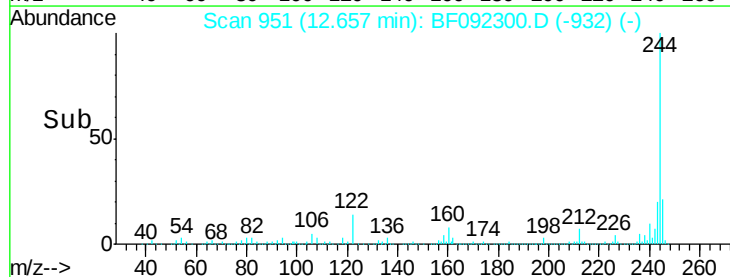
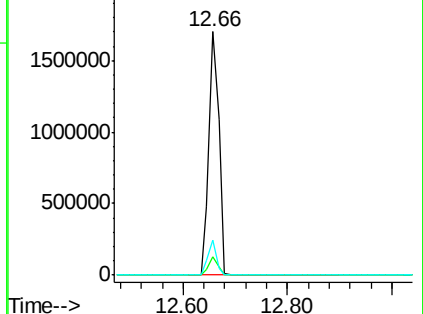
122 14.3 11.4 17.2

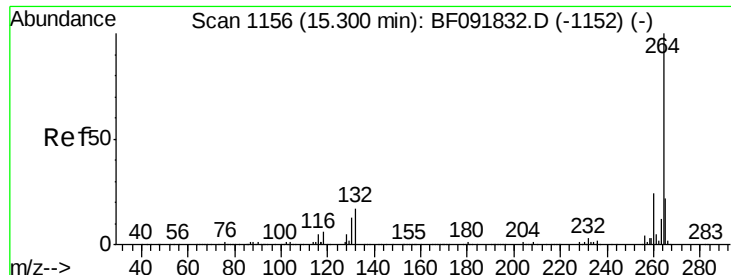


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

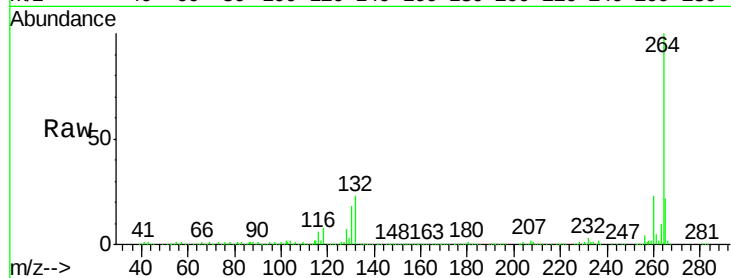




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.05 min Scan# 1160
Delta R.T. -0.10 min
Lab File: BF092300.D
Acq: 16 Jan 2017 22:21

Instrument :
BNA_F
ClientSampleId :
W-45

Tgt Ion: 264 Resp: 439101
Ion Ratio Lower Upper
264 100
260 22.6 19.2 28.8
265 21.9 17.4 26.0



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

