

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010917\
 Data File : BF092168.D
 Acq On : 10 Jan 2017 5:04
 Operator : UM/SJ
 Sample : I1055-04
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-49

Quant Time: Jan 10 06:35:15 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

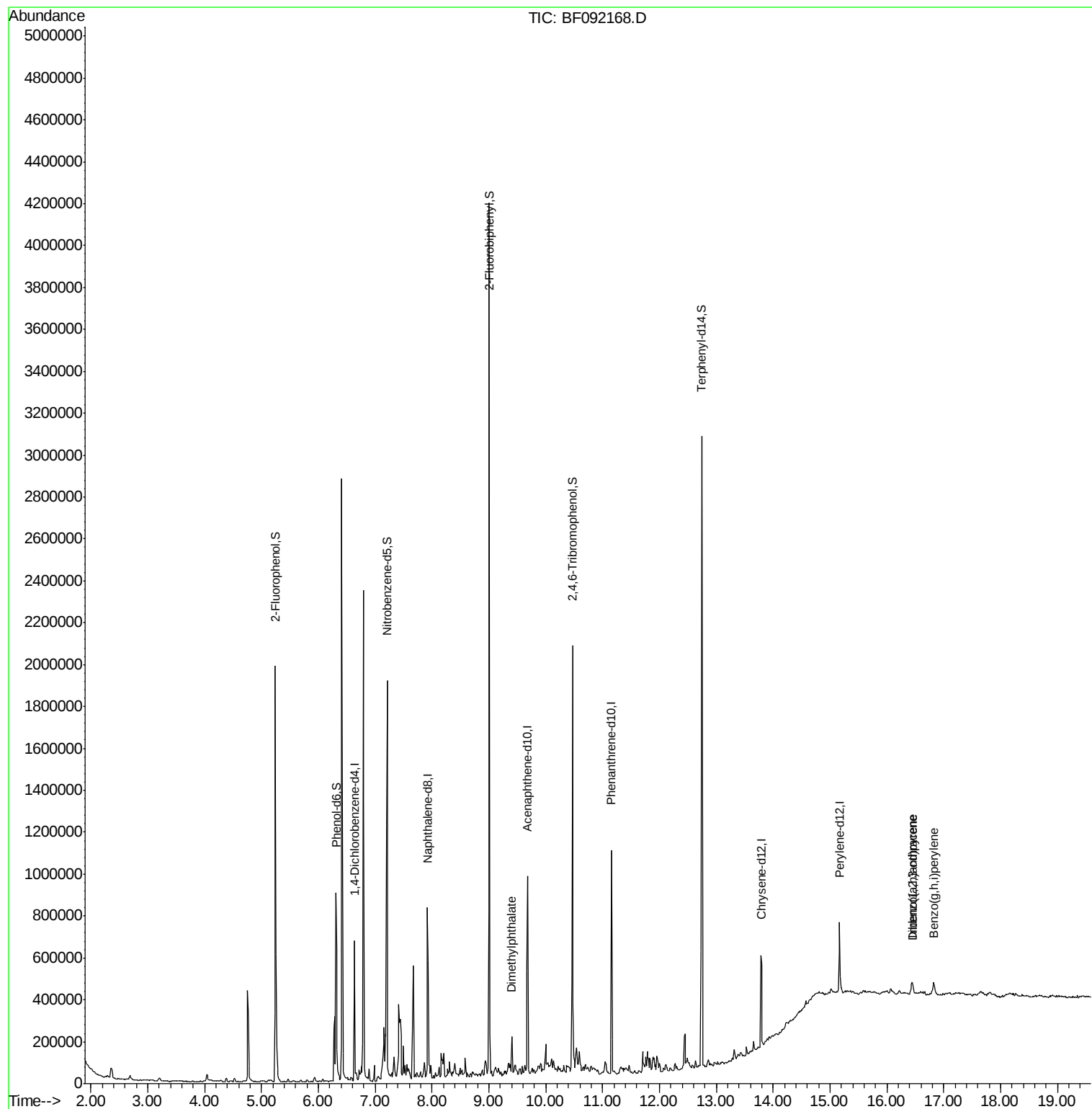
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	134015	20.00	ng	0.00
21) Naphthalene-d8	7.92	136	471011	20.00	ng	-0.01
38) Acenaphthene-d10	9.68	164	232601	20.00	ng	0.00
63) Phenanthrene-d10	11.16	188	364134	20.00	ng	0.00
75) Chrysene-d12	13.80	240	218079	20.00	ng	0.01
86) Perylene-d12	15.17	264	172081	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	658685	82.07	ng	0.01
7) Phenol-d6	6.31	99	453141	46.24	ng	0.00
23) Nitrobenzene-d5	7.21	82	729548	86.13	ng	0.00
41) 2,4,6-Tribromophenol	10.47	330	223862	116.30	ng	0.00
44) 2-Fluorobiphenyl	9.01	172	1175662	106.88	ng	0.00
78) Terphenyl-d14	12.75	244	935255	104.01	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.41	163	76537	5.14	ng	Qvalue 100
85) Indeno(1,2,3-cd)pyrene	16.45	276	39382	3.68	ng	96
90) Dibenzo(a,h)anthracene	16.46	278	27326	3.50	ng	# 84
91) Benzo(g,h,i)perylene	16.83	276	52991	6.52	ng	# 91

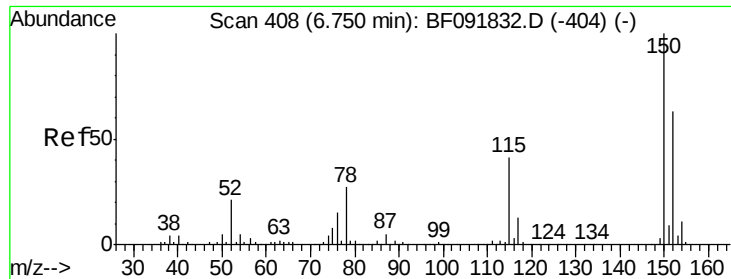
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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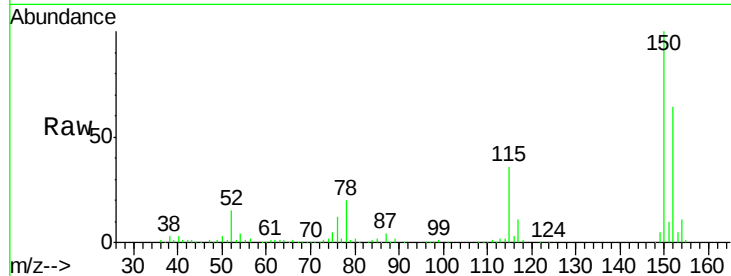




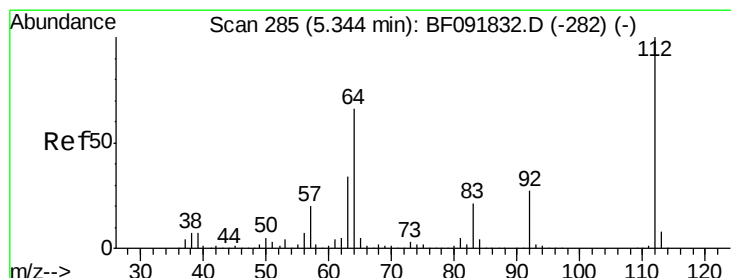
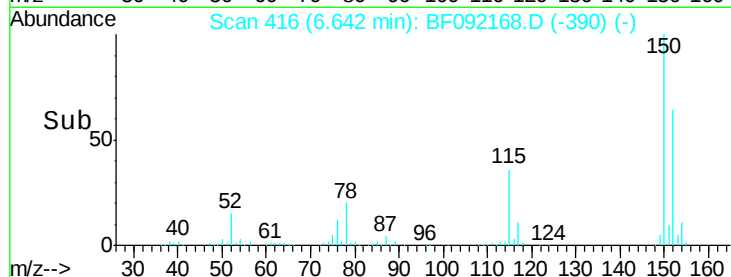
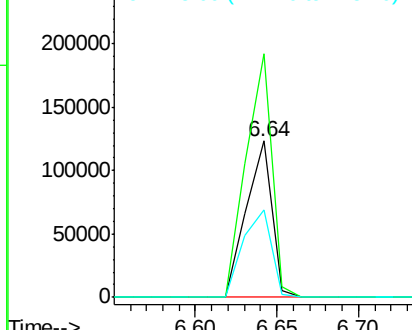
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.64 min Scan# 416
 Delta R.T. 0.00 min
 Lab File: BF092168.D
 Acq: 10 Jan 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:152 Resp: 134015
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.9 187.3
 115 55.6 46.0 69.0

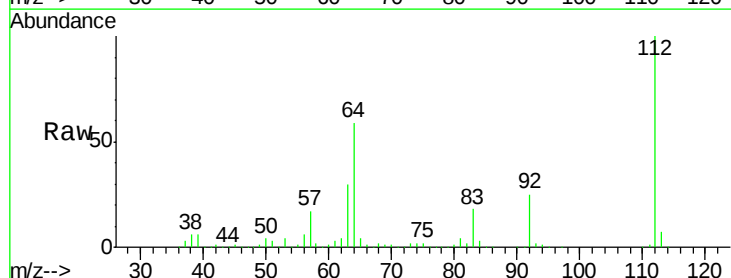


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

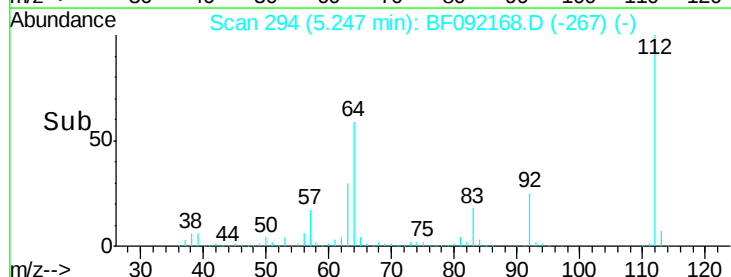
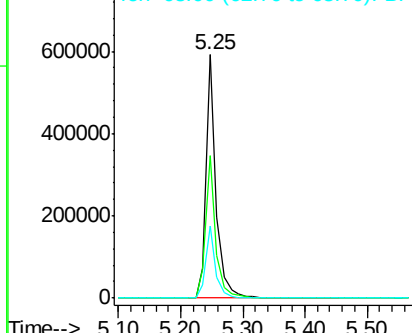


#5
 2-Fluorophenol
 Concen: 82.07 ng
 RT: 5.25 min Scan# 294
 Delta R.T. 0.01 min
 Lab File: BF092168.D
 Acq: 10 Jan 2017 5:04

Tgt Ion:112 Resp: 658685
 Ion Ratio Lower Upper
 112 100
 64 58.6 46.1 69.1
 63 29.6 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: 46.24 ng

RT: 6.31 min Scan# 387

Delta R.T. 0.00 min

Lab File: BF092168.D

Acq: 10 Jan 2017 5:04

Instrument :

BNA_F

ClientSampleId :

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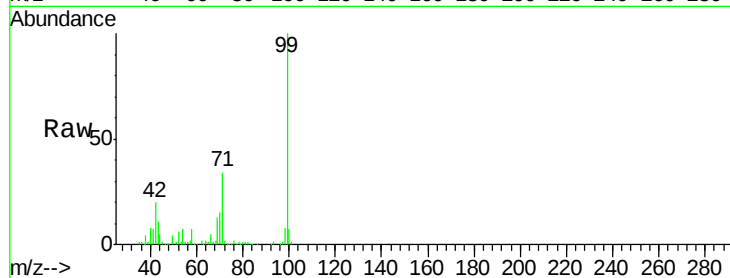
Tgt Ion: 99 Resp: 453141

Ion Ratio Lower Upper

99 100

42 20.0 15.6 23.4

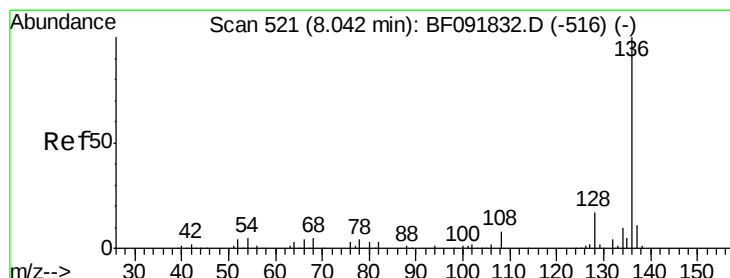
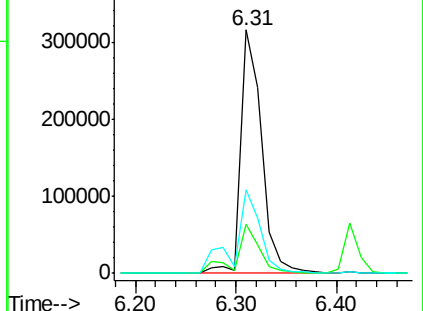
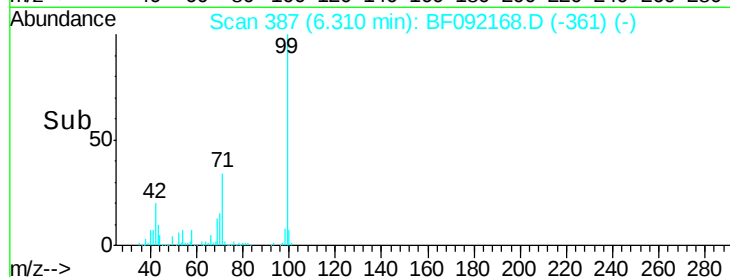
71 34.3 27.5 41.3



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.92 min Scan# 528

Delta R.T. -0.01 min

Lab File: BF092168.D

Acq: 10 Jan 2017 5:04

Tgt Ion: 136 Resp: 471011

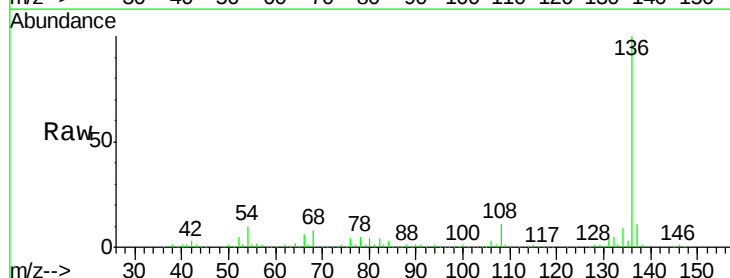
Ion Ratio Lower Upper

136 100

137 11.4 8.4 12.6

54 10.2 4.5 6.7#

68 7.7 3.6 5.4#

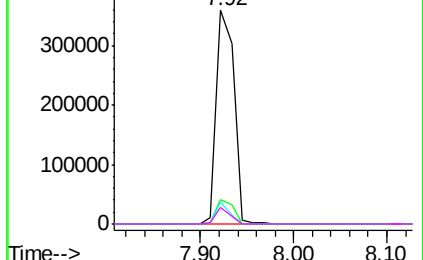
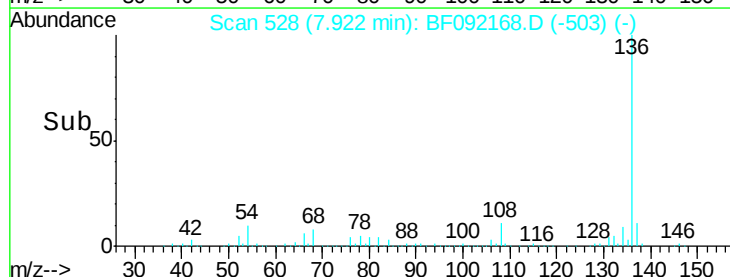


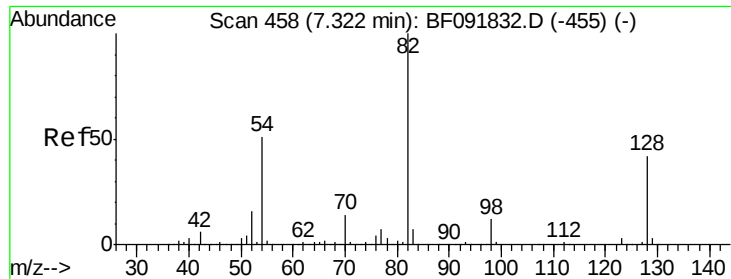
Abundance Ion 136.00 (135.70 to 136.70): E

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

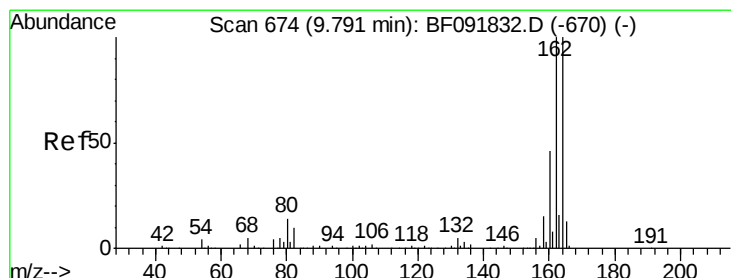
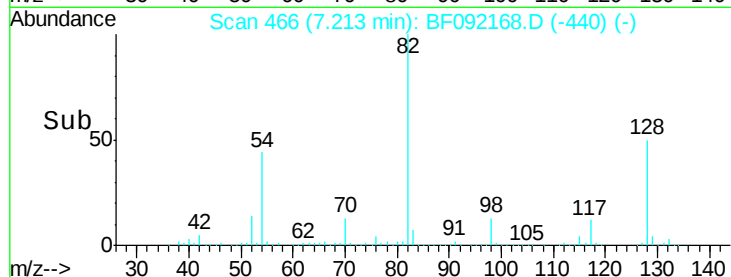
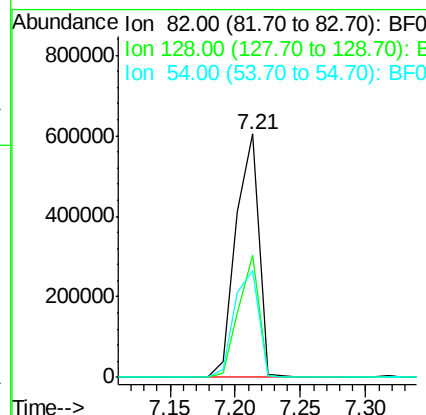
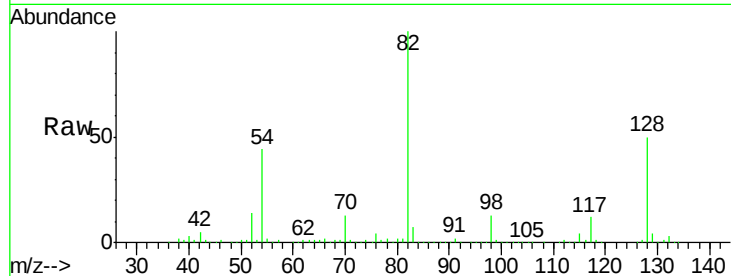




#23
 Nitrobenzene-d5
 Concen: 86.13 ng
 RT: 7.21 min Scan# 466
 Delta R.T. 0.00 min
 Lab File: BF092168.D
 Acq: 10 Jan 2017 5:04

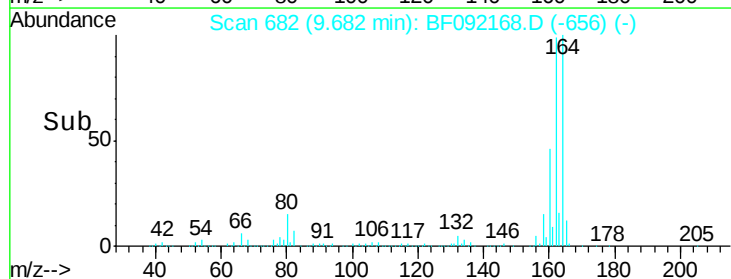
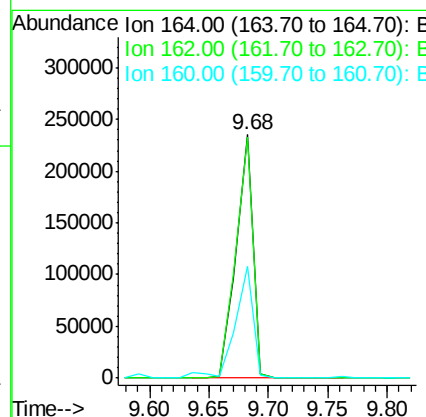
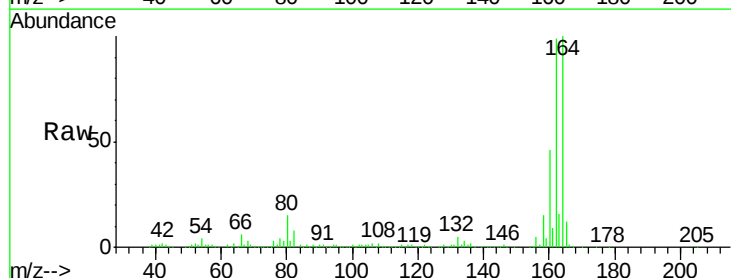
Instrument :
 BNA_F
 ClientSampled :
 W-49

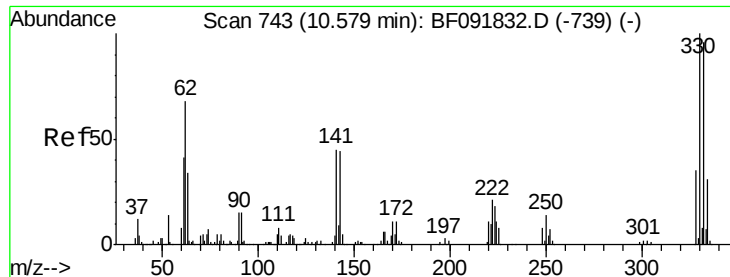
Tgt Ion	Ratio	Lower	Upper
82	100		
128	50.2	34.6	52.0
54	44.0	39.5	59.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 682
 Delta R.T. 0.00 min
 Lab File: BF092168.D
 Acq: 10 Jan 2017 5:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.0	80.2	120.2
160	45.9	36.9	55.3

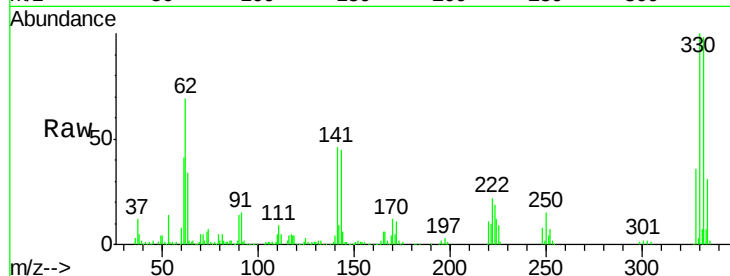




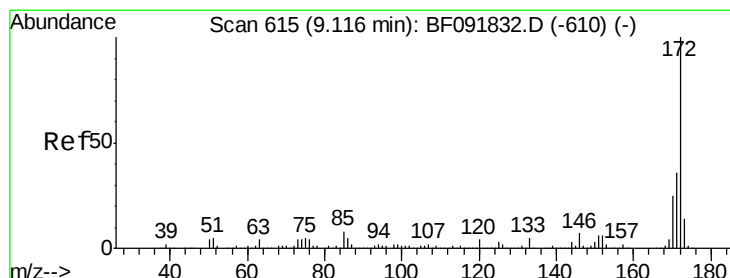
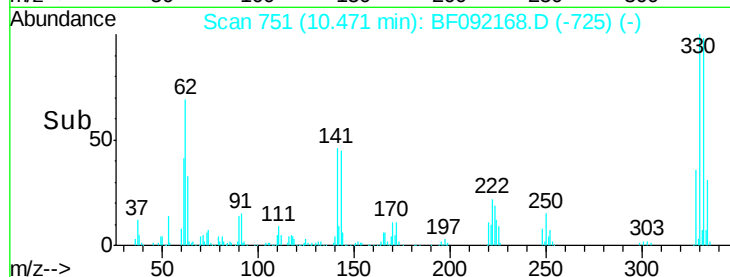
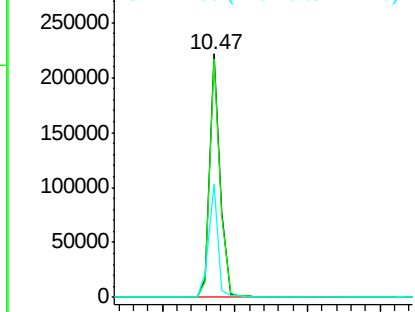
#41
 2,4,6-Tribromophenol
 Concen: 116.30 ng
 RT: 10.47 min Scan# 751
 Delta R.T. 0.00 min
 Lab File: BF092168.D
 Acq: 10 Jan 2017 5:04

Instrument :
 BNA_F
 ClientSampleId :
 W-49

Tgt Ion:330 Resp: 223862
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.4 116.2
 141 42.7 34.1 51.1

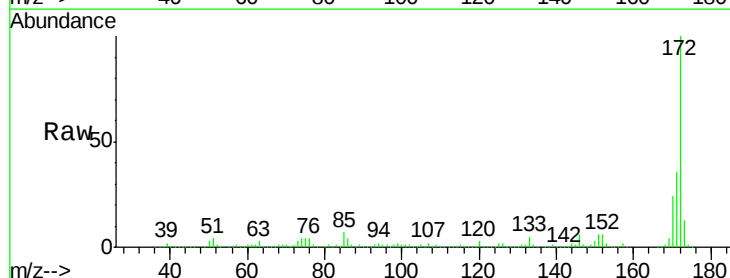


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

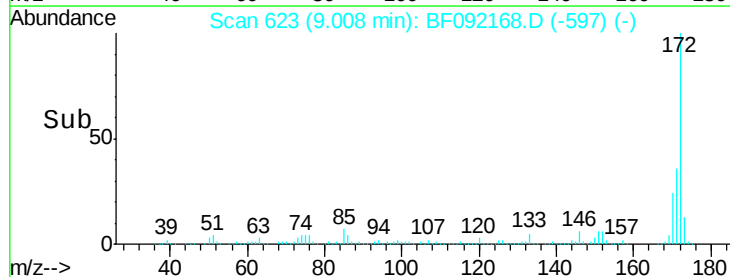
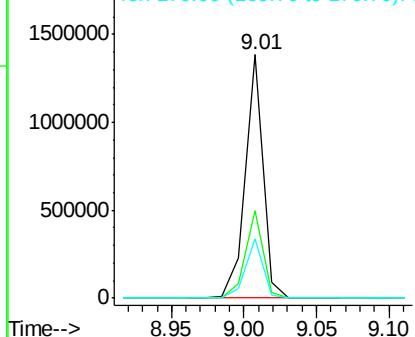


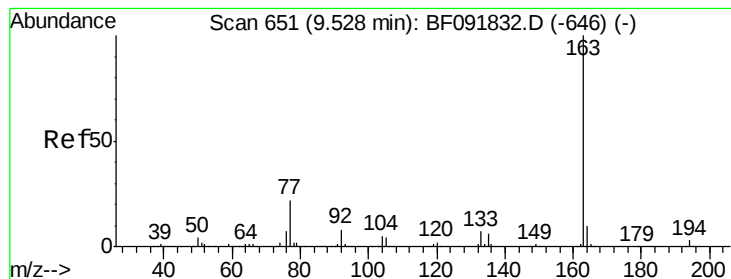
#44
 2-Fluorobiphenyl
 Concen: 106.88 ng
 RT: 9.01 min Scan# 623
 Delta R.T. 0.00 min
 Lab File: BF092168.D
 Acq: 10 Jan 2017 5:04

Tgt Ion:172 Resp: 1175662
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.1 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





#49

Dimethylphthalate

Concen: 5.14 ng

RT: 9.41 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF092168.D

Acq: 10 Jan 2017 5:04

Instrument :

BNA_F

ClientSampleId :

W-49

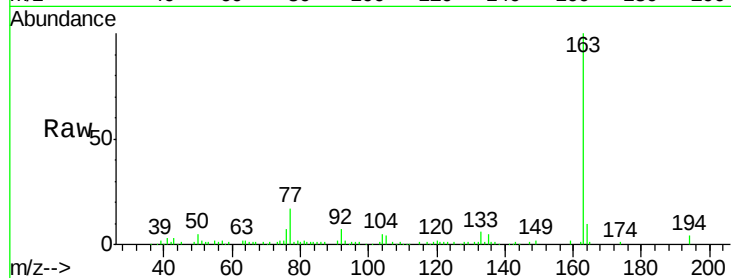
Tgt Ion:163 Resp: 76537

Ion Ratio Lower Upper

163 100

194 3.5 3.0 4.4

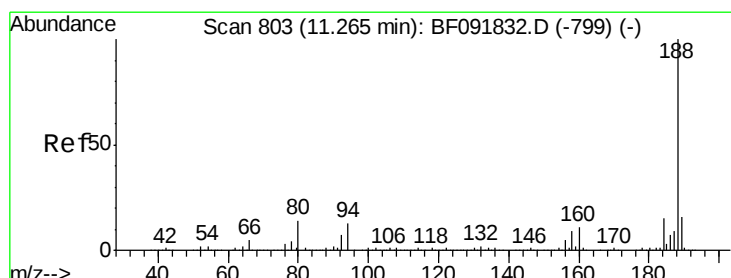
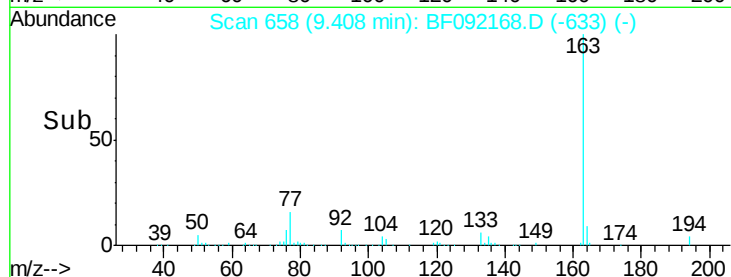
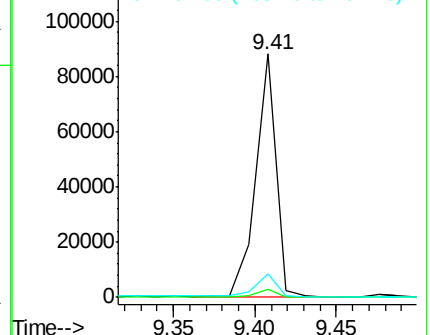
164 9.9 8.0 12.0



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: 11.16 min Scan# 811

Delta R.T. 0.00 min

Lab File: BF092168.D

Acq: 10 Jan 2017 5:04

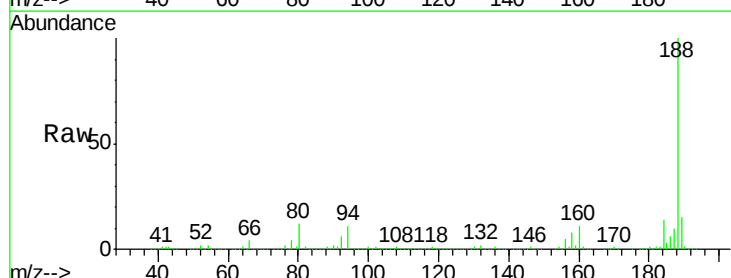
Tgt Ion:188 Resp: 364134

Ion Ratio Lower Upper

188 100

94 10.7 10.0 15.0

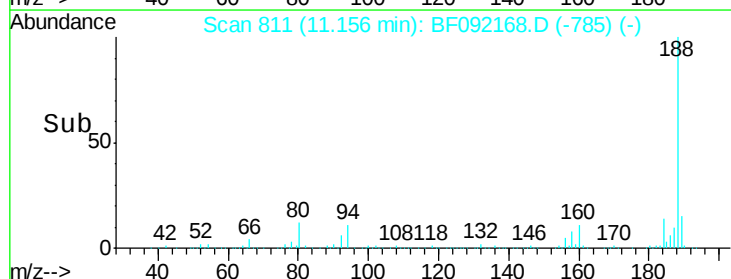
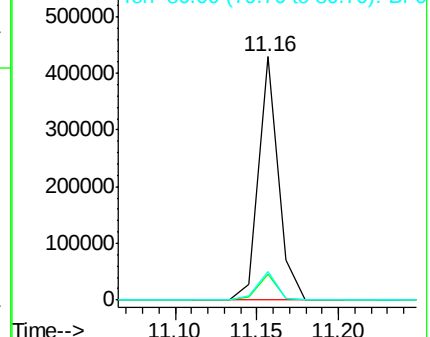
80 11.7 11.2 16.8

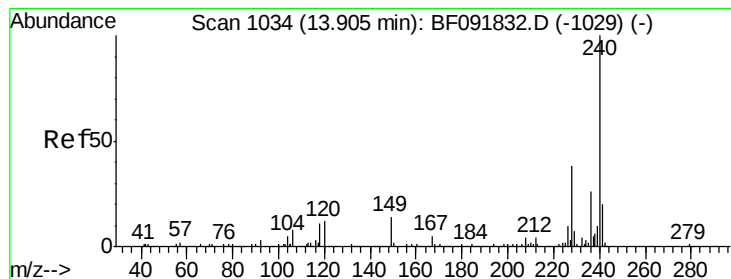


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.80 min Scan# 1042

Delta R.T. 0.01 min

Lab File: BF092168.D

Acq: 10 Jan 2017 5:04

Instrument :

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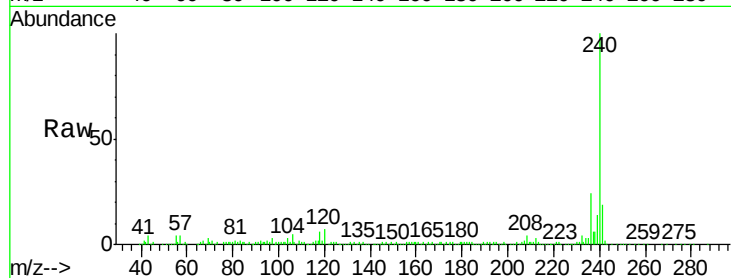
Tgt Ion:240 Resp: 218079

Ion Ratio Lower Upper

240 100

120 7.1 12.9 19.3#

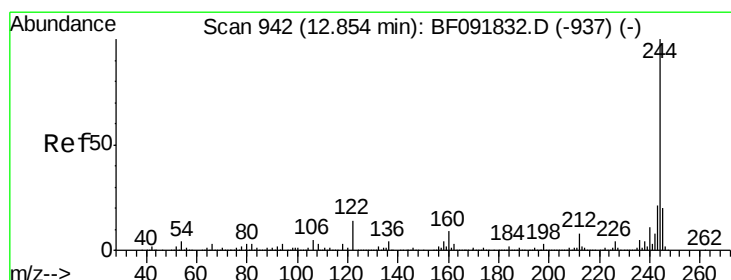
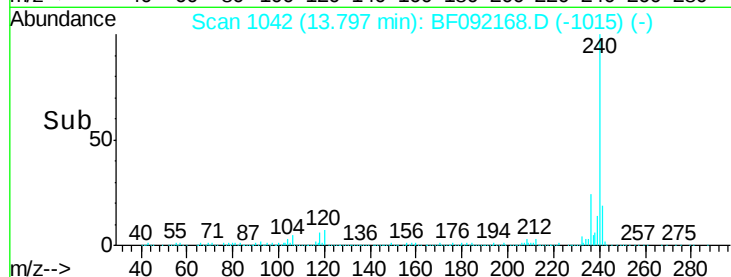
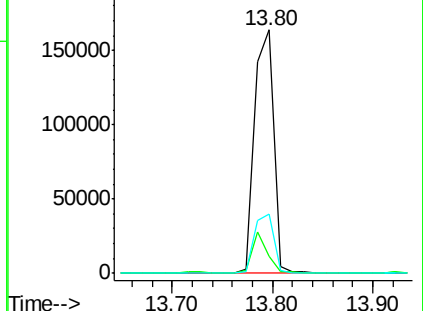
236 24.4 20.9 31.3



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: 104.01 ng

RT: 12.75 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF092168.D

Acq: 10 Jan 2017 5:04

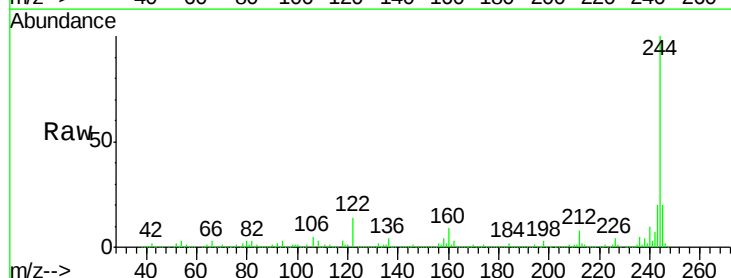
Tgt Ion:244 Resp: 935255

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

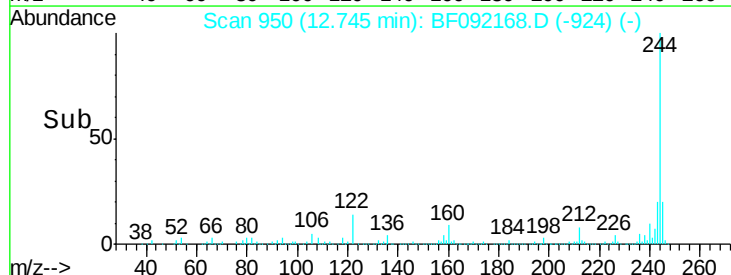
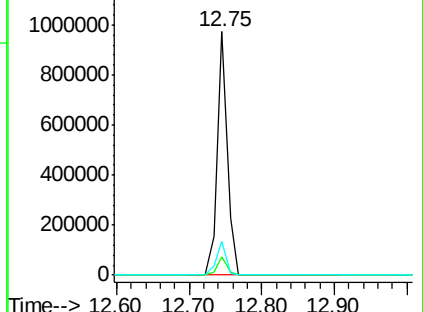
122 13.7 11.4 17.2

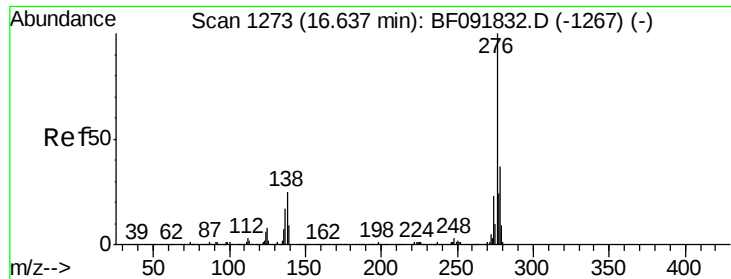


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

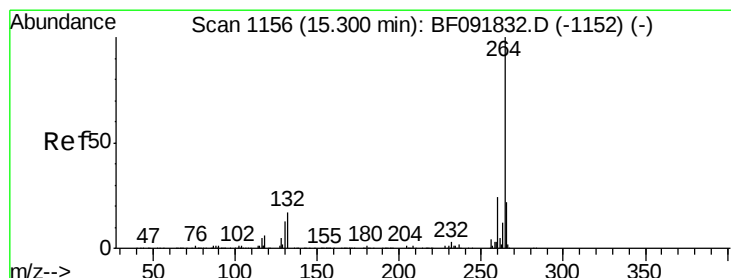
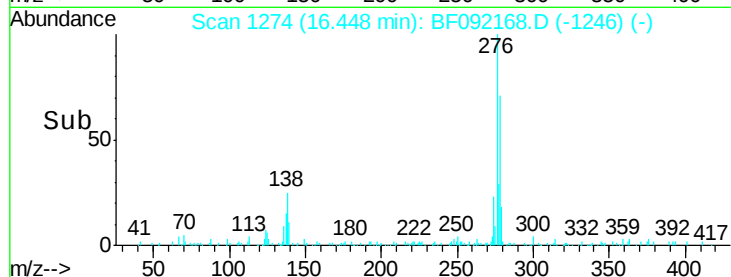
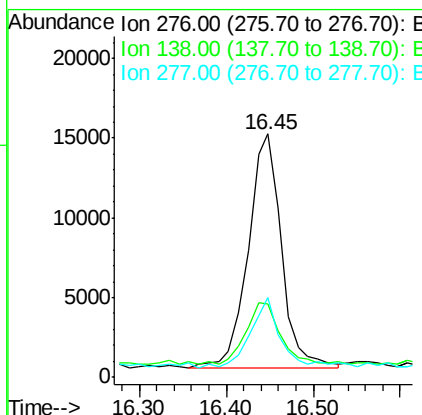
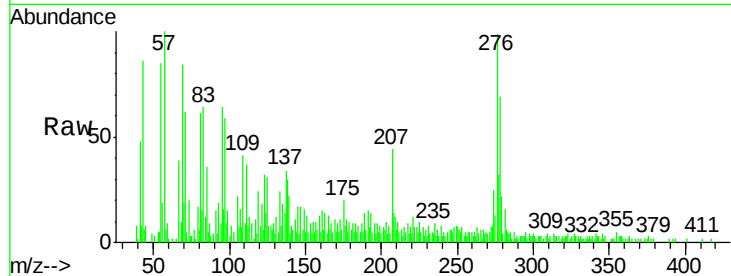




#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.68 ng
 RT: 16.45 min Scan# 1274
 Delta R.T. 0.02 min
 Lab File: BF092168.D
 Acq: 10 Jan 2017 5:04

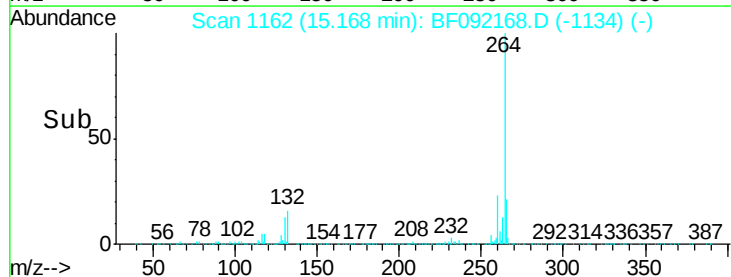
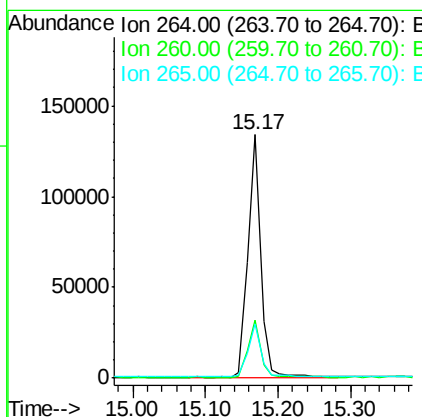
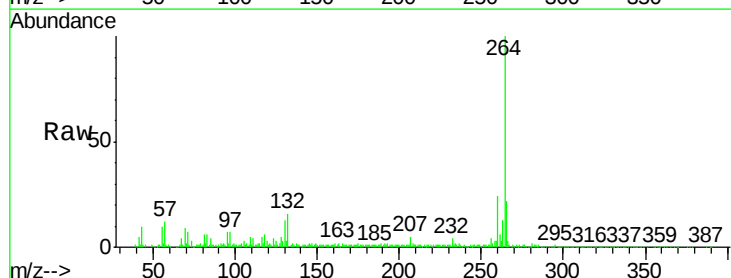
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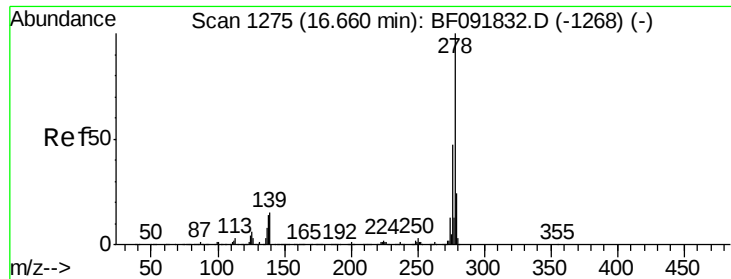
Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.5	21.8	32.6
277	28.7	20.2	30.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.17 min Scan# 1162
 Delta R.T. 0.02 min
 Lab File: BF092168.D
 Acq: 10 Jan 2017 5:04

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.2	17.4	26.0





#90

Dibenzo(a,h)anthracene

Concen: 3.50 ng

RT: 16.46 min Scan# 1275

Delta R.T. 0.02 min

Lab File: BF092168.D

Acq: 10 Jan 2017 5:04

Instrument :

BNA_F

ClientSampleId :

W-49

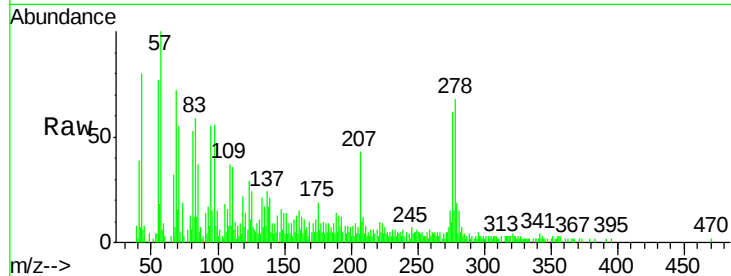
Tgt Ion: 278 Resp: 27326

Ion Ratio Lower Upper

278 100

139 30.4 14.8 22.2#

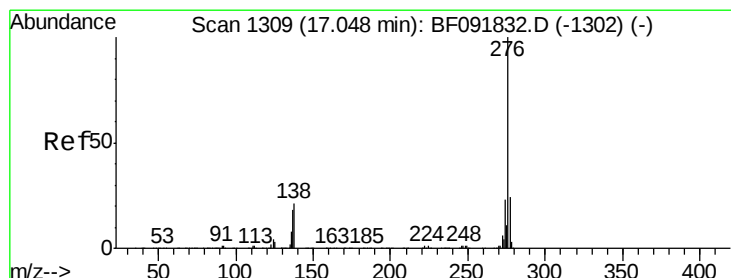
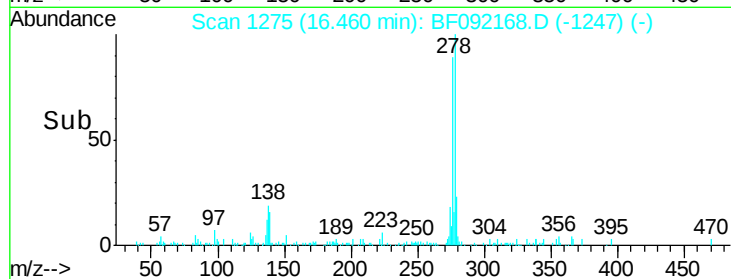
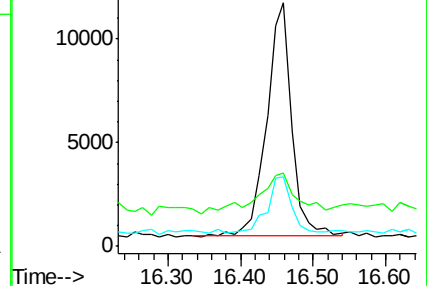
279 28.4 19.8 29.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 6.52 ng

RT: 16.83 min Scan# 1307

Delta R.T. 0.02 min

Lab File: BF092168.D

Acq: 10 Jan 2017 5:04

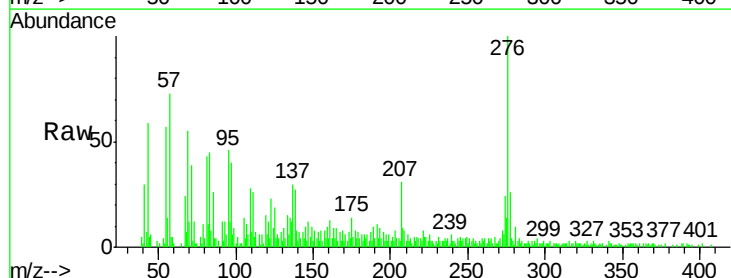
Tgt Ion: 276 Resp: 52991

Ion Ratio Lower Upper

276 100

277 26.3 19.2 28.8

138 26.8 16.0 24.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

