

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012117\
 Data File : BF092415.D
 Acq On : 21 Jan 2017 16:20
 Operator : UM/SJ
 Sample : I1265-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 B-4

Quant Time: Jan 23 00:42:37 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

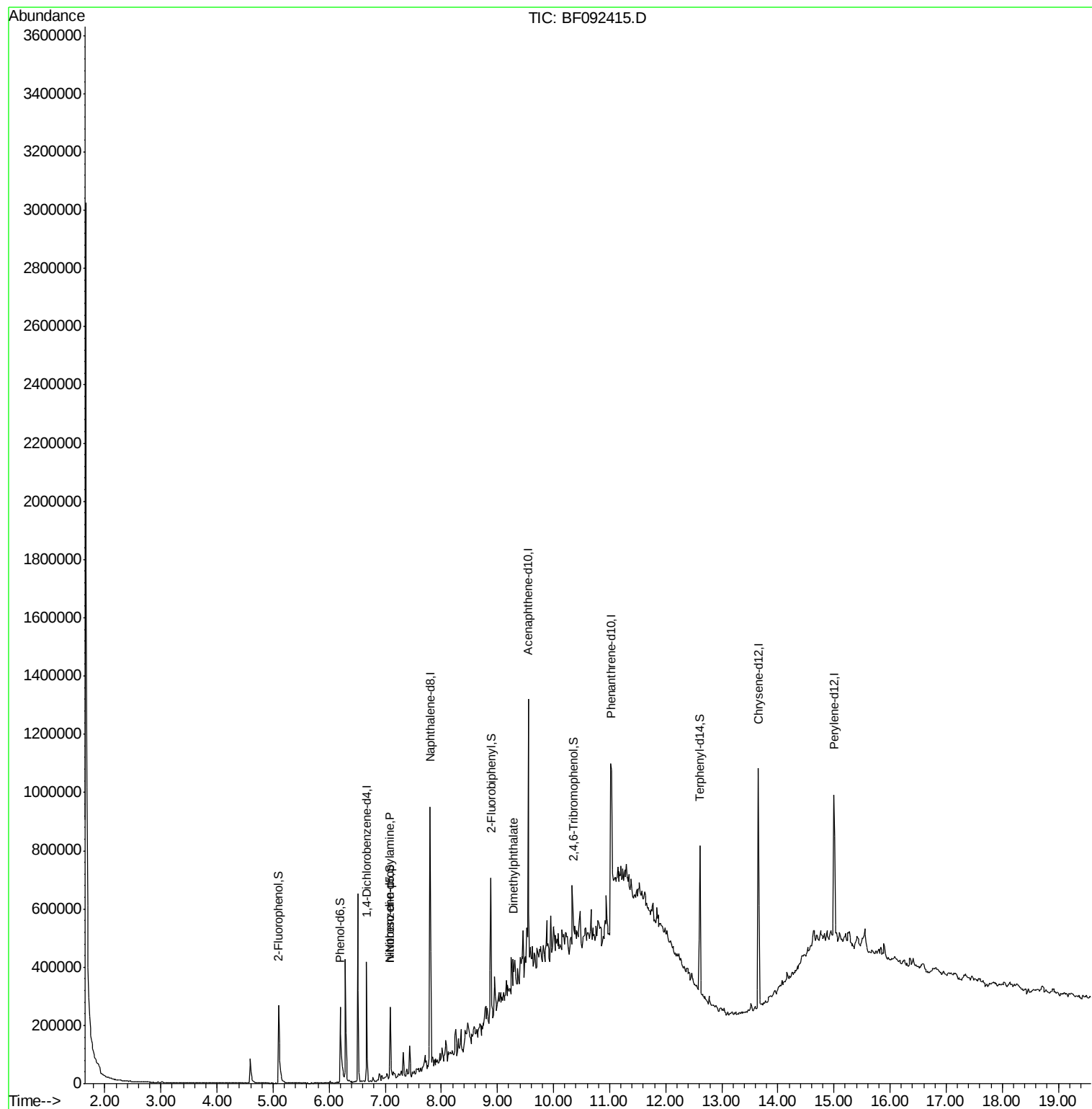
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	62781	20.00	ng	0.02
21) Naphthalene-d8	7.80	136	433272	20.00	ng	-0.14
38) Acenaphthene-d10	9.55	164	186043	20.00	ng	-0.14
63) Phenanthrene-d10	11.02	188	304591	20.00	ng	-0.14
75) Chrysene-d12	13.65	240	327457	20.00	ng	-0.14
86) Perylene-d12	15.00	264	239980	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	129874	34.54	ng	-0.14
7) Phenol-d6	6.20	99	169876	37.01	ng	-0.11
23) Nitrobenzene-d5	7.09	82	99826	12.81	ng	-0.12
41) 2,4,6-Tribromophenol	10.35	330	23655	15.36	ng	-0.12
44) 2-Fluorobiphenyl	8.88	172	166929	6.47	ng	-0.12
78) Terphenyl-d14	12.61	244	174937	12.96	ng	-0.14
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.09	70	13446	4.40	ng	# 81
37) 2-Methylnaphthalene	8.52	142	1033	Below Cal	#	55
49) Dimethylphthalate	9.28	163	26297	2.21	ng	# 91
71) Anthracene	11.10	178	3205	Below Cal	#	1
73) Di-n-butylphthalate	11.56	149	4642	Below Cal	#	45
74) Fluoranthene	12.46	202	11079	Below Cal		88
76) Benizidine	12.35	184	146	Below Cal	#	1

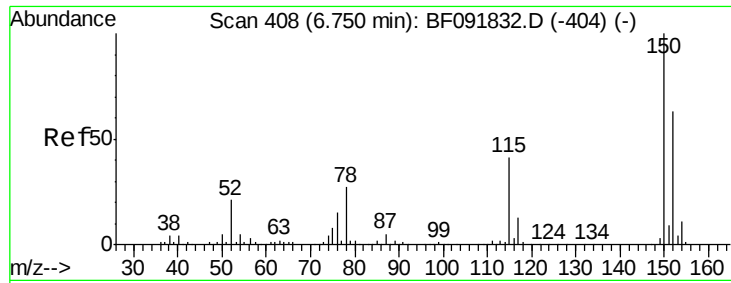
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.67 min Scan# 440

Delta R.T. 0.02 min

Lab File: BF092415.D

Acq: 21 Jan 2017 16:20

Instrument :

BNA_F

ClientSampleId :

B-4

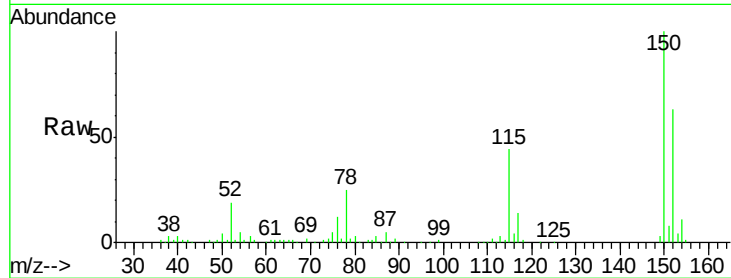
Tgt Ion:152 Resp: 62781

Ion Ratio Lower Upper

152 100

150 157.9 124.9 187.3

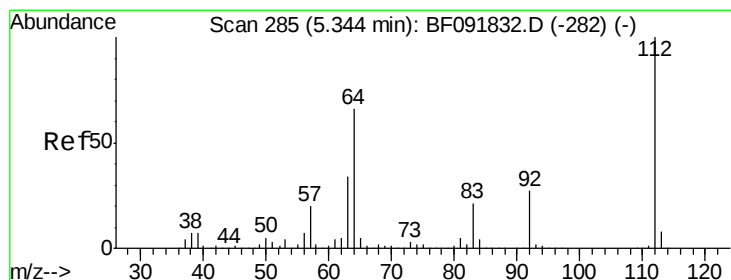
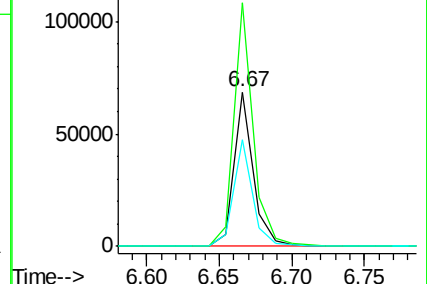
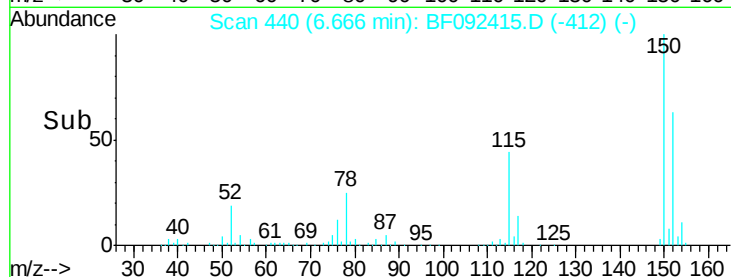
115 69.0 46.0 69.0



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: 34.54 ng

RT: 5.10 min Scan# 303

Delta R.T. -0.14 min

Lab File: BF092415.D

Acq: 21 Jan 2017 16:20

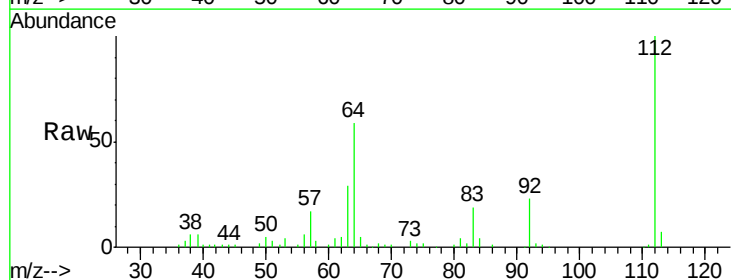
Tgt Ion:112 Resp: 129874

Ion Ratio Lower Upper

112 100

64 59.5 46.1 69.1

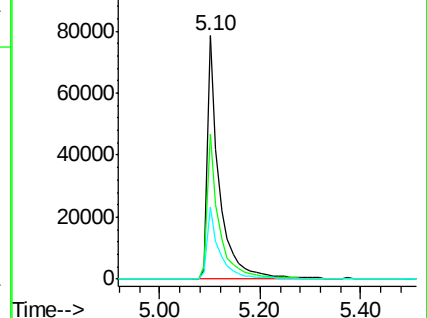
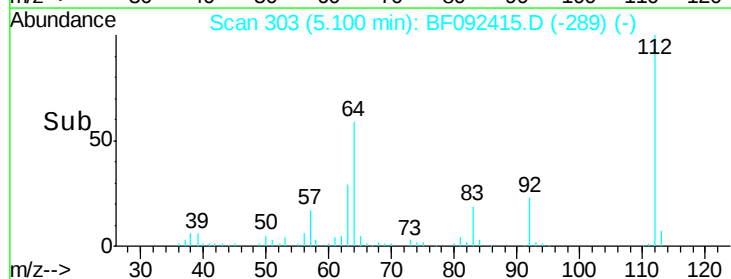
63 29.4 23.8 35.6



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: 37.01 ng

RT: 6.20 min Scan# 399

Delta R.T. -0.11 min

Lab File: BF092415.D

Acq: 21 Jan 2017 16:20

Instrument :

BNA_F

ClientSampleId :

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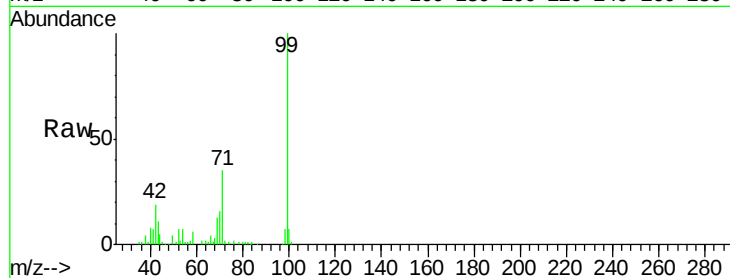
Tgt Ion: 99 Resp: 169876

Ion Ratio Lower Upper

99 100

42 18.8 15.6 23.4

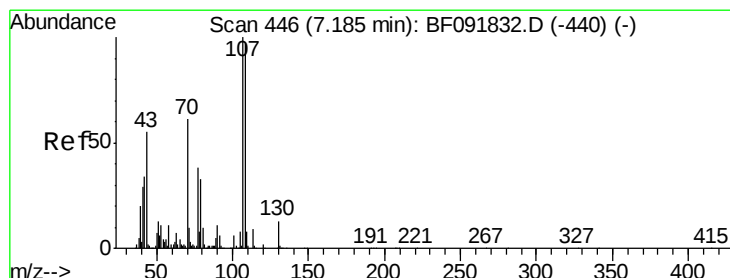
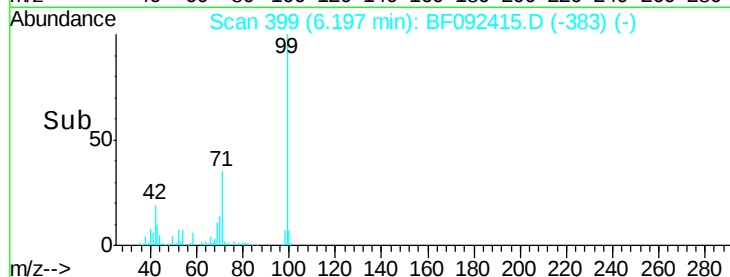
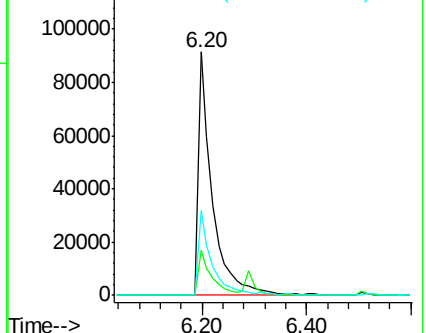
71 35.0 27.5 41.3



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: 4.40 ng

RT: 7.09 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF092415.D

Acq: 21 Jan 2017 16:20

Tgt Ion: 70 Resp: 13446

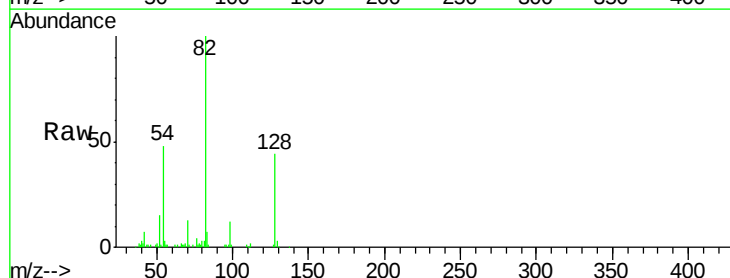
Ion Ratio Lower Upper

70 100

42 51.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.9 14.2 21.4#

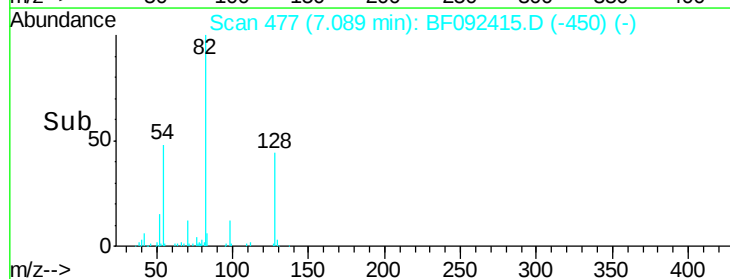
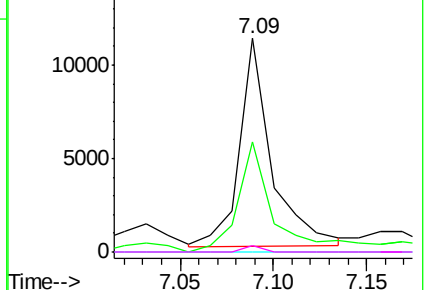


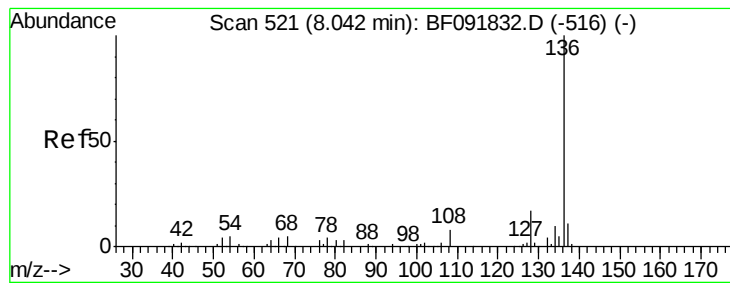
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 7.80 min Scan# 539

Delta R.T. -0.14 min

Lab File: BF092415.D

Acq: 21 Jan 2017 16:20

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 433272

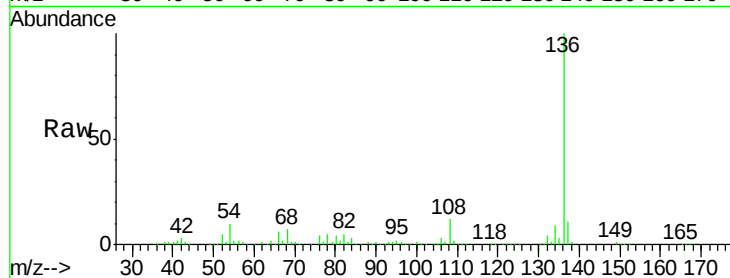
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 9.9 4.5 6.7#

68 7.0 3.6 5.4#



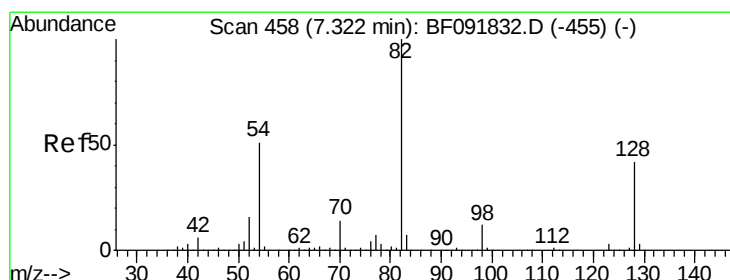
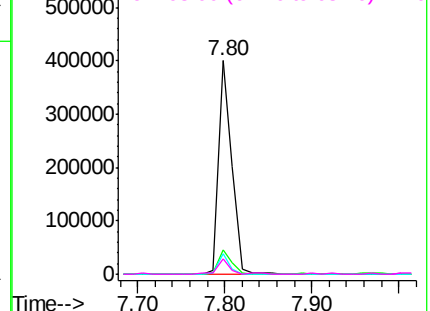
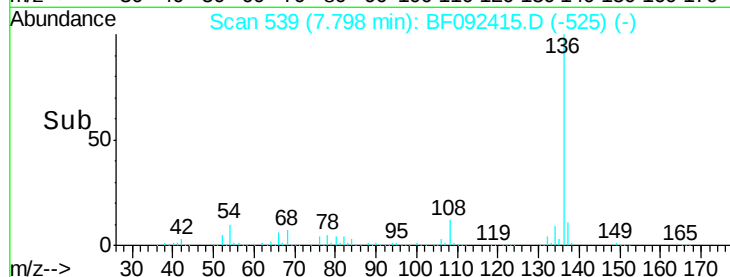
Abundance

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: 12.81 ng

RT: 7.09 min Scan# 477

Delta R.T. -0.12 min

Lab File: BF092415.D

Acq: 21 Jan 2017 16:20

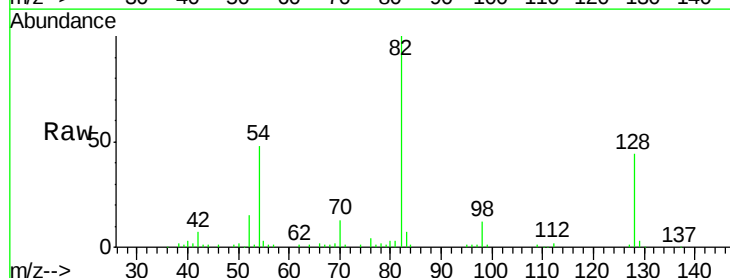
Tgt Ion: 82 Resp: 99826

Ion Ratio Lower Upper

82 100

128 44.2 34.6 52.0

54 47.8 39.5 59.3

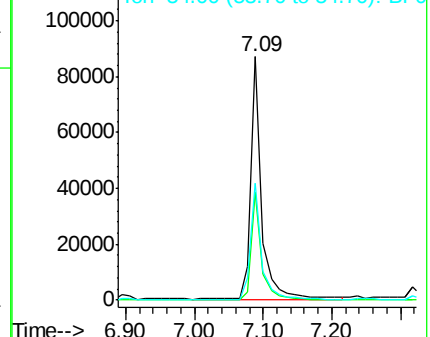
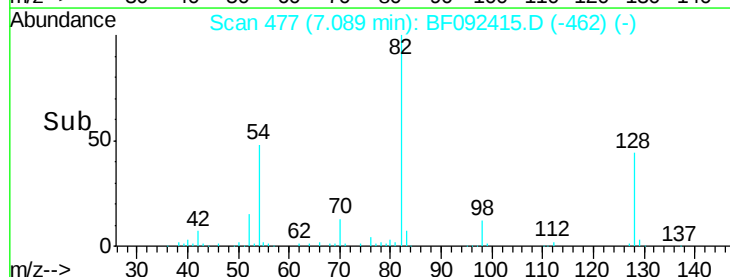


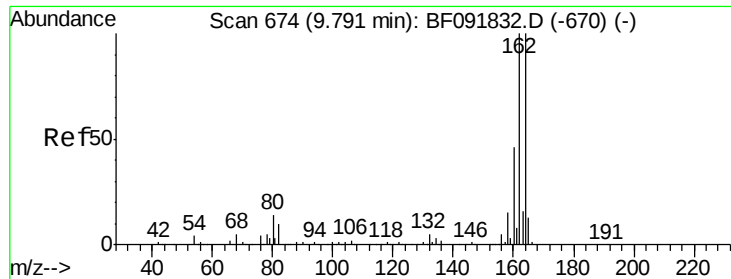
Abundance

Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.55 min Scan# 692

Delta R.T. -0.14 min

Lab File: BF092415.D

Acq: 21 Jan 2017 16:20

Instrument :

BNA_F

ClientSampleId :

B-4

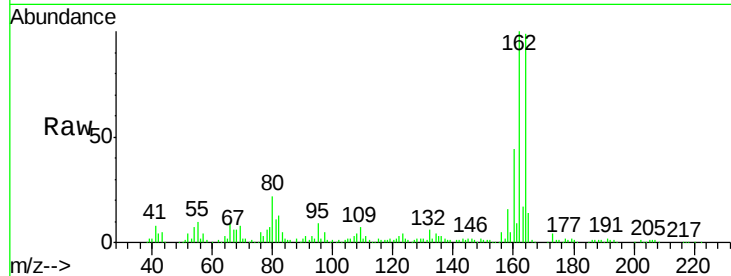
Tgt Ion:164 Resp: 186043

Ion Ratio Lower Upper

164 100

162 101.4 80.2 120.2

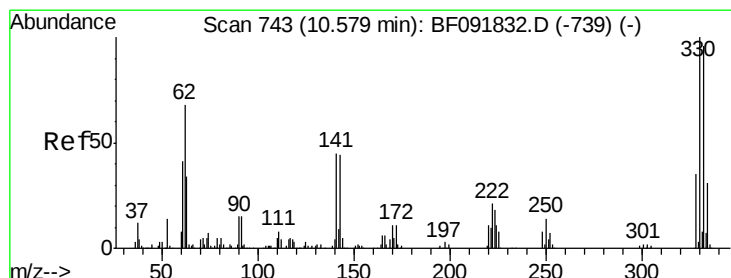
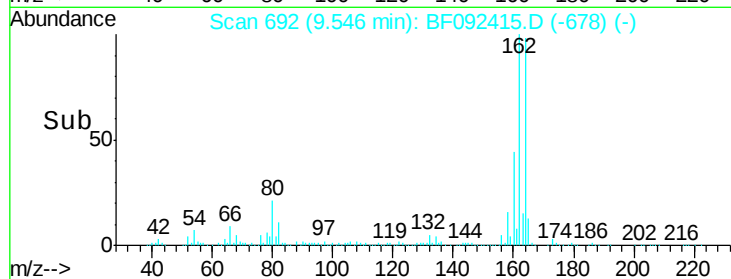
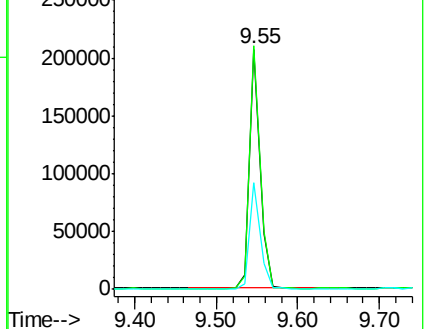
160 44.6 36.9 55.3



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: 15.36 ng

RT: 10.35 min Scan# 762

Delta R.T. -0.12 min

Lab File: BF092415.D

Acq: 21 Jan 2017 16:20

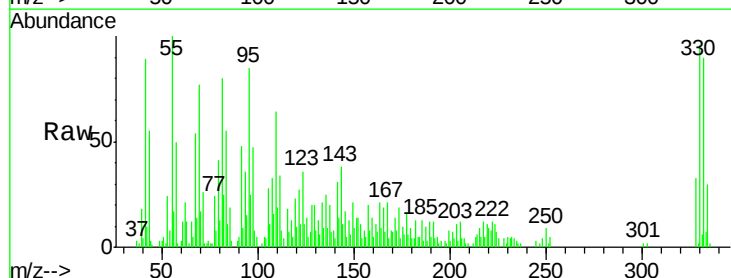
Tgt Ion:330 Resp: 23655

Ion Ratio Lower Upper

330 100

332 95.3 77.4 116.2

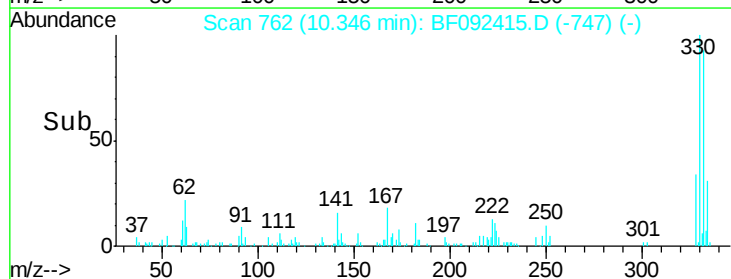
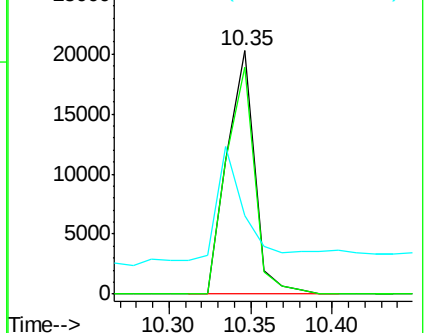
141 60.9 34.1 51.1#

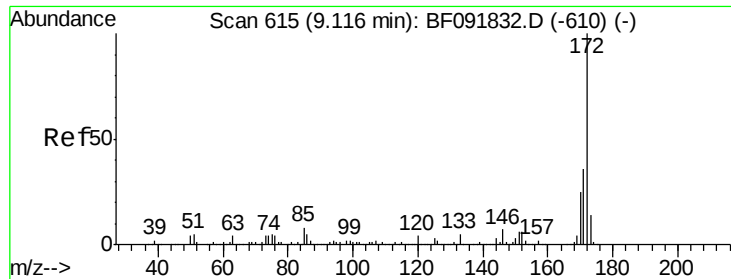


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

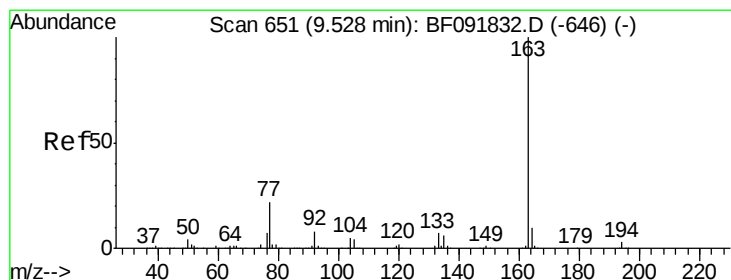
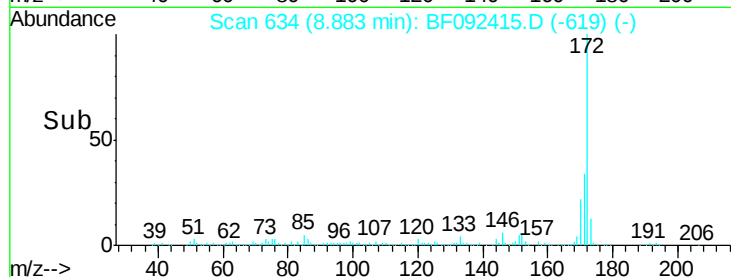
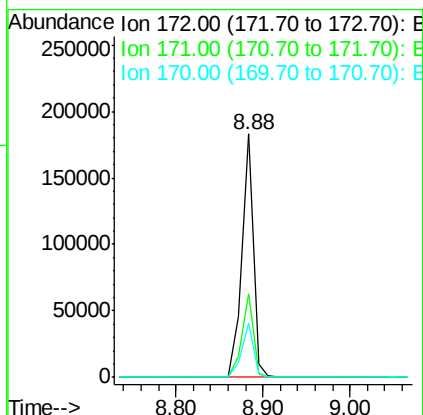
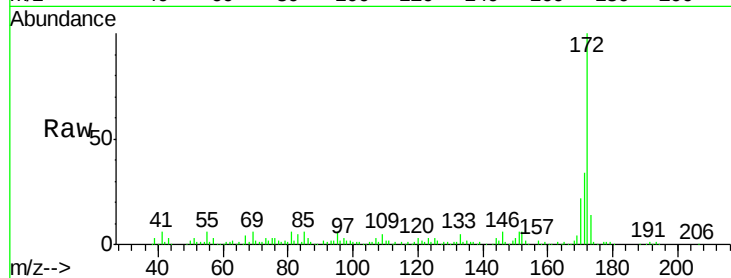




#44
 2-Fluorobiphenyl
 Concen: 6.47 ng
 RT: 8.88 min Scan# 634
 Delta R.T. -0.12 min
 Lab File: BF092415.D
 Acq: 21 Jan 2017 16:20

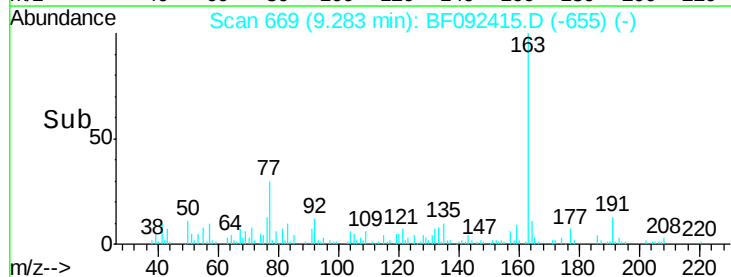
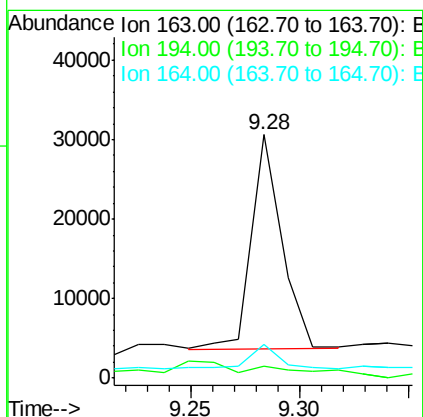
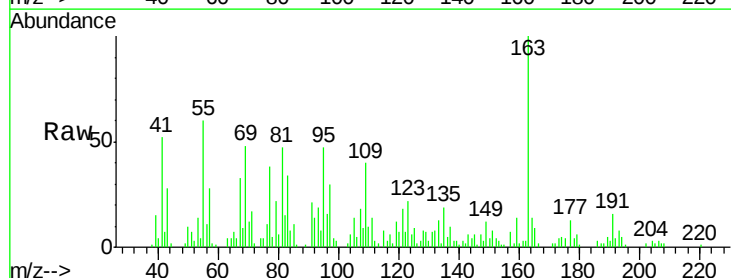
Instrument :
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 ClientSampleId :
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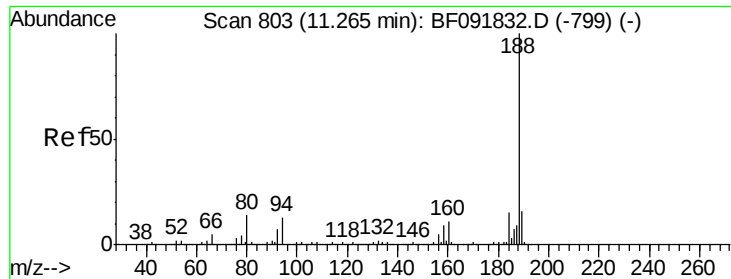
Tgt Ion:	172	Resp:	166929
Ion	Ratio	Lower	Upper
172	100		
171	34.2	29.4	44.0
170	22.4	20.2	30.4



#49
 Dimethylphthalate
 Concen: 2.21 ng
 RT: 9.28 min Scan# 669
 Delta R.T. -0.14 min
 Lab File: BF092415.D
 Acq: 21 Jan 2017 16:20

Tgt Ion:	163	Resp:	26297
Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.0	4.4#
164	13.9	8.0	12.0#

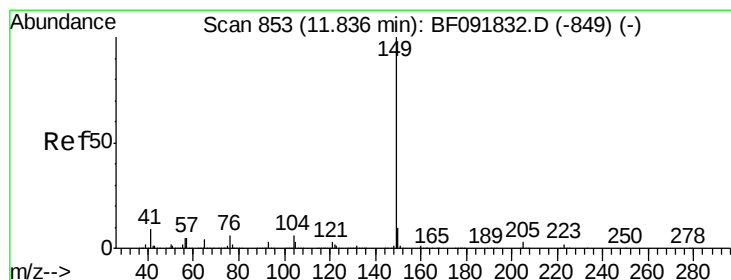
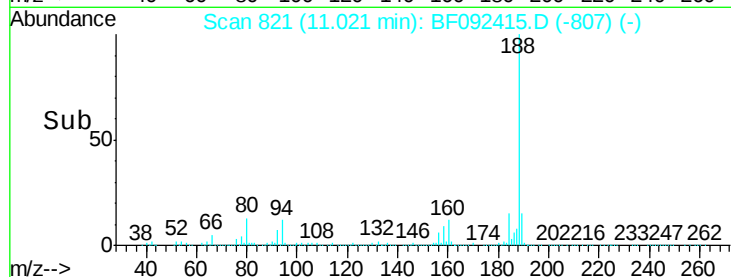
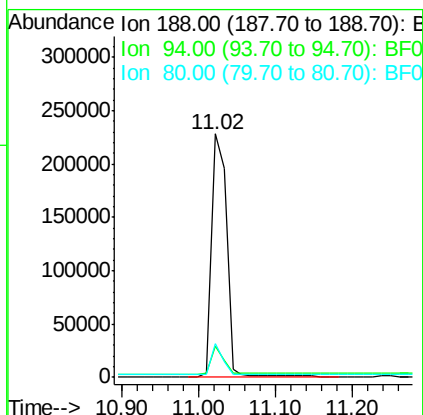
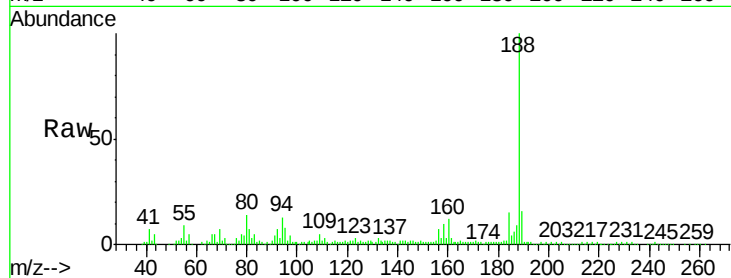




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.02 min Scan# 821
Delta R.T. -0.14 min
Lab File: BF092415.D
Acq: 21 Jan 2017 16:20

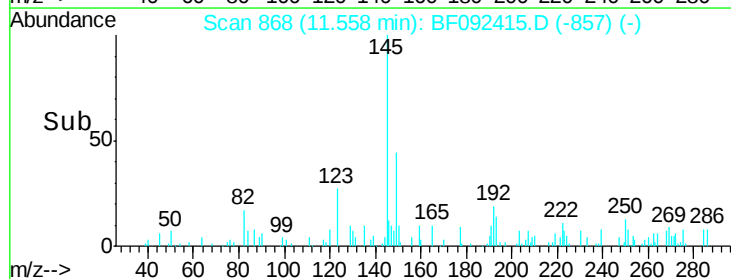
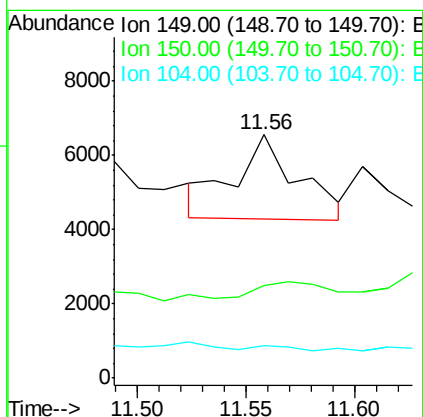
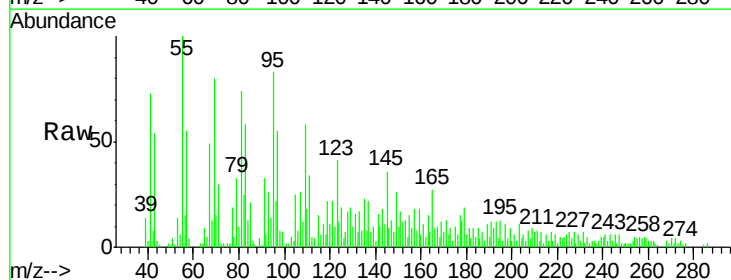
Instrument :
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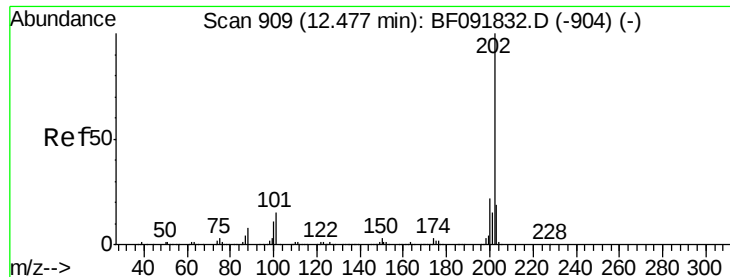
Tgt Ion:188 Resp: 304591
Ion Ratio Lower Upper
188 100
94 12.7 10.0 15.0
80 14.1 11.2 16.8



#73
Di-n-butylphthalate
Concen: Below Cal
RT: 11.56 min Scan# 868
Delta R.T. -0.17 min
Lab File: BF092415.D
Acq: 21 Jan 2017 16:20

Tgt Ion:149 Resp: 4642
Ion Ratio Lower Upper
149 100
150 37.9 8.1 12.1#
104 13.1 4.6 7.0#





#74

Fluoranthene

Concen: Below Cal

RT: 12.46 min Scan# 947

Delta R.T. 0.09 min

Lab File: BF092415.D

Acq: 21 Jan 2017 16:20

Instrument :

BNA_F

ClientSampleId :

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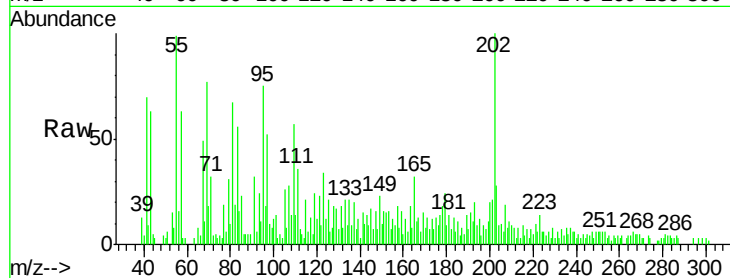
Tgt Ion:202 Resp: 11079

Ion Ratio Lower Upper

202 100

101 14.3 0.0 34.6

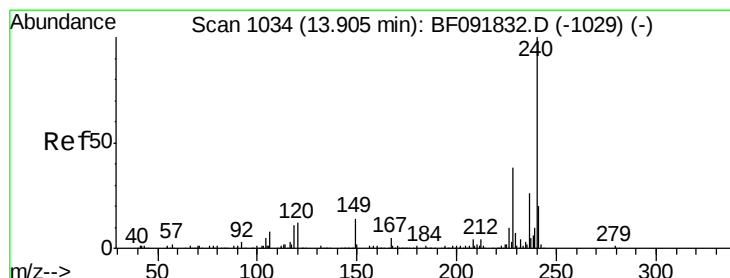
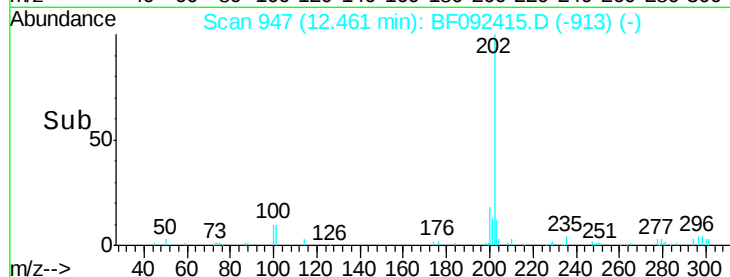
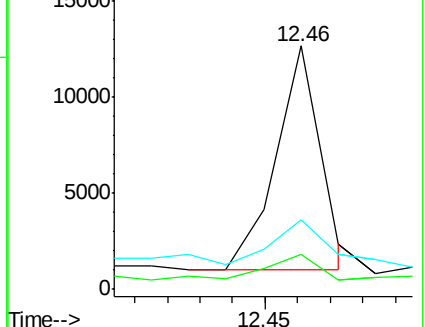
203 28.4 0.0 38.7



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: 13.65 min Scan# 1051

Delta R.T. -0.14 min

Lab File: BF092415.D

Acq: 21 Jan 2017 16:20

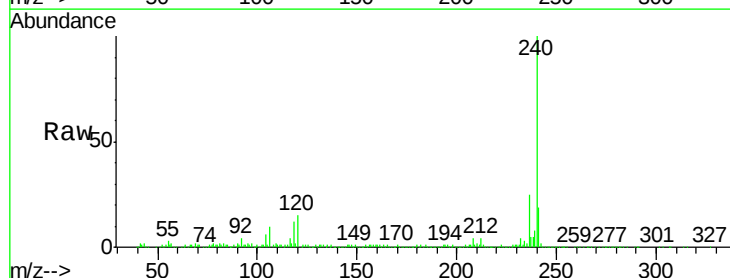
Tgt Ion:240 Resp: 327457

Ion Ratio Lower Upper

240 100

120 14.9 12.9 19.3

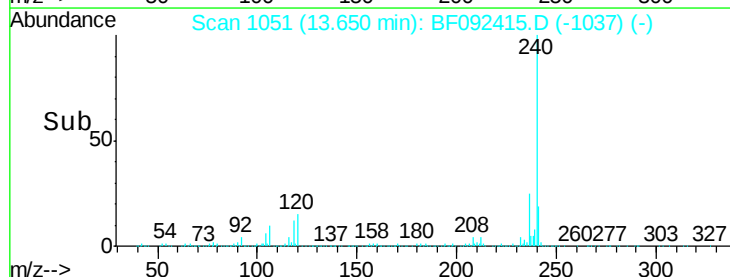
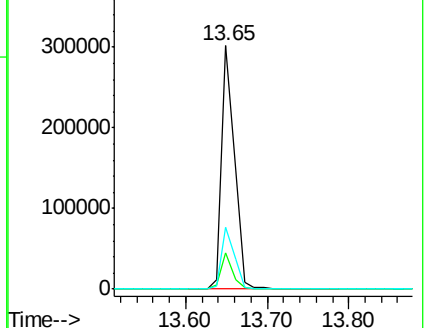
236 25.4 20.9 31.3

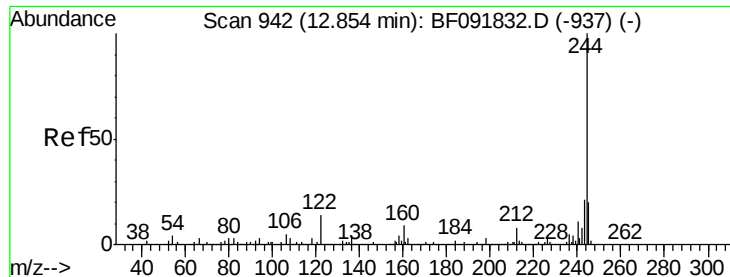


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 12.96 ng

RT: 12.61 min Scan# 960

Delta R.T. -0.14 min

Lab File: BF092415.D

Acq: 21 Jan 2017 16:20

Instrument :

BNA_F

ClientSampled :

B-4

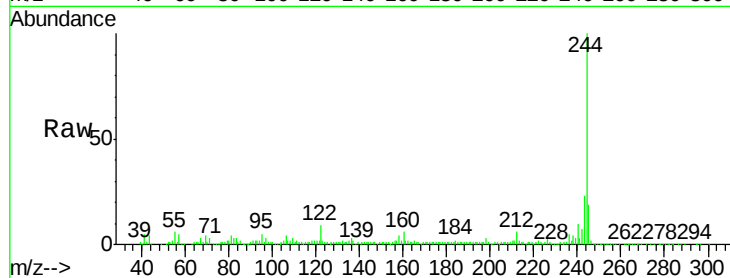
Tgt Ion:244 Resp: 174937

Ion Ratio Lower Upper

244 100

212 6.3 6.2 9.2

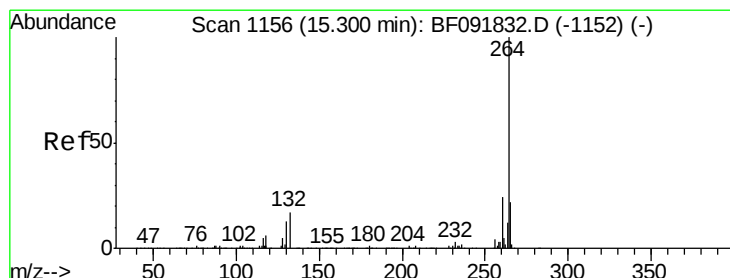
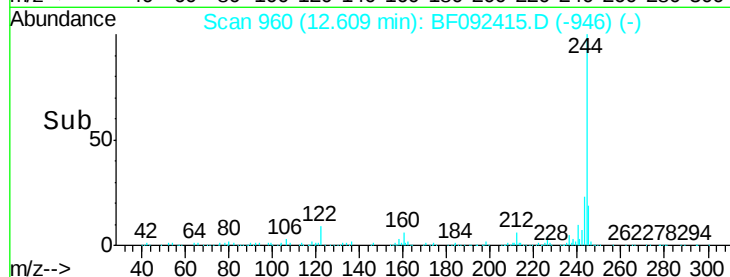
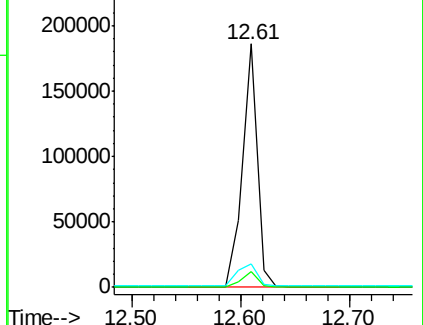
122 9.5 11.4 17.2#



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: 15.00 min Scan# 1169

Delta R.T. -0.15 min

Lab File: BF092415.D

Acq: 21 Jan 2017 16:20

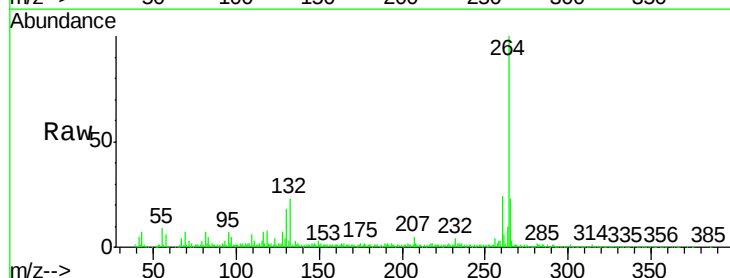
Tgt Ion:264 Resp: 239980

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 23.2 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

