

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092264.D
 Acq On : 14 Jan 2017 1:42
 Operator : UM/SJ
 Sample : I1031-13
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0027

Quant Time: Jan 16 01:30:39 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

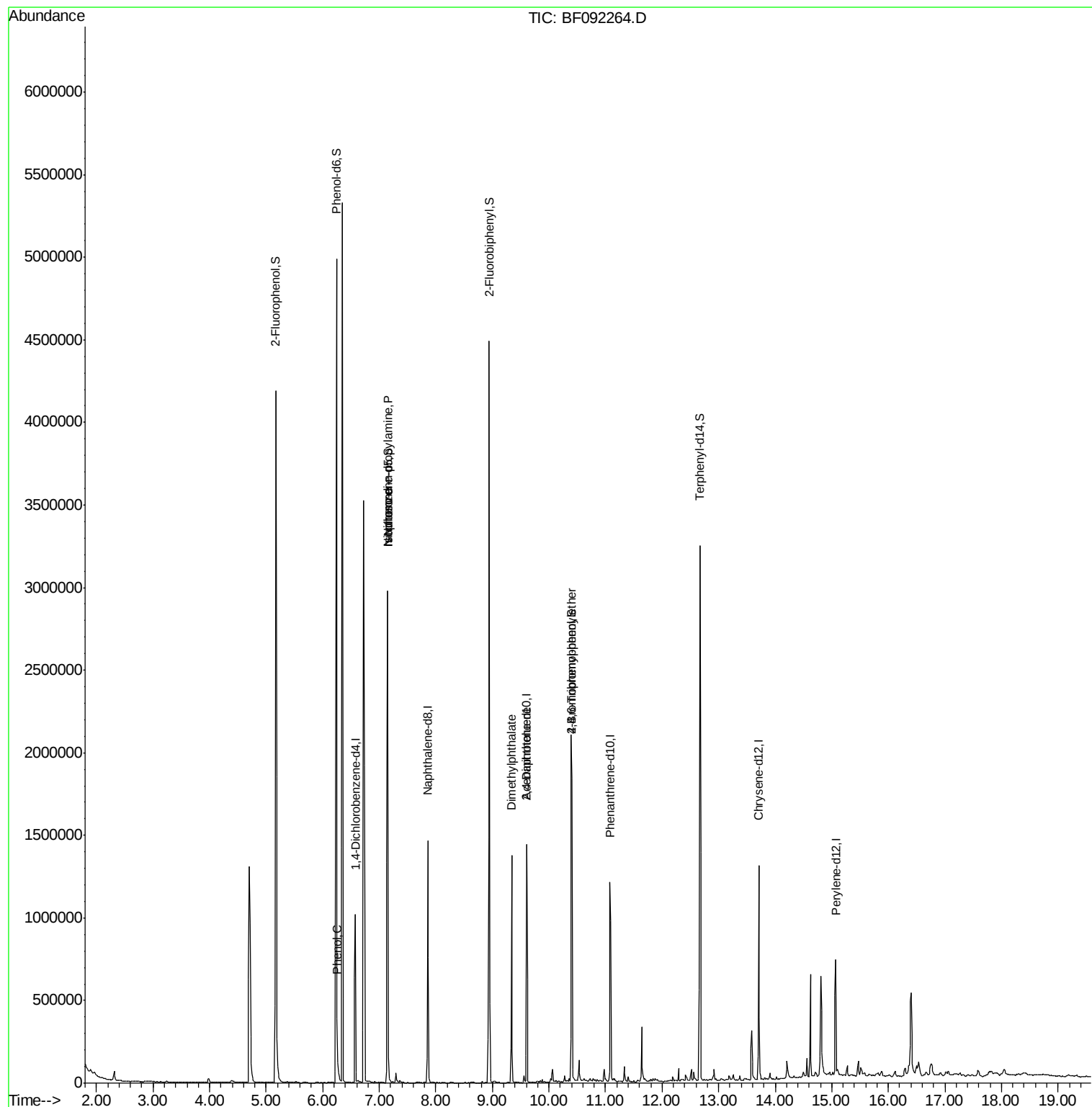
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	202998	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	839560	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	369528	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	623192	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	445553	20.00	ng	-0.02
86) Perylene-d12	15.07	264	338597	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1411534	116.10	ng	0.00
7) Phenol-d6	6.24	99	2014057	135.69	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1125208	74.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	395094	129.20	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1541799	85.58	ng	-0.01
78) Terphenyl-d14	12.67	244	1191563	64.86	ng	-0.02
Target Compounds						
10) Phenol	6.26	94	34268	2.03	ng	# 75
19) n-Nitroso-di-n-propylamine	7.15	70	149339	15.12	ng	# 76
25) Isophorone	7.15	82	1105924	39.70	ng	# 65
37) 2-Methylnaphthalene	8.58	142	500	Below Cal	#	80
49) Dimethylphthalate	9.34	163	559421	23.67	ng	99
56) 2,4-Dinitrotoluene	9.60	165	47836	7.37	ng	# 20
66) 4-Bromophenyl-phenylether	10.40	248	24357	3.76	ng	# 1
71) Anthracene	11.11	178	13683	Below Cal		96
73) Di-n-butylphthalate	11.66	149	8096	Below Cal	#	97
74) Fluoranthene	12.29	202	30880	Below Cal		94

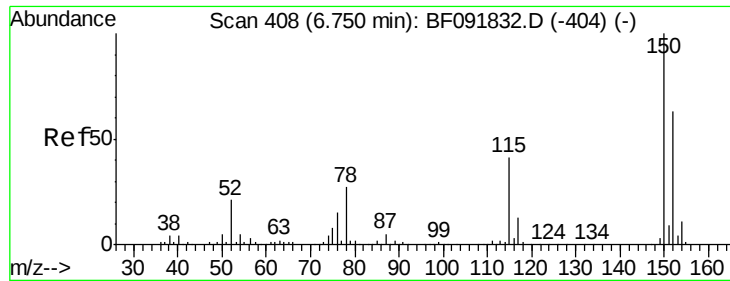
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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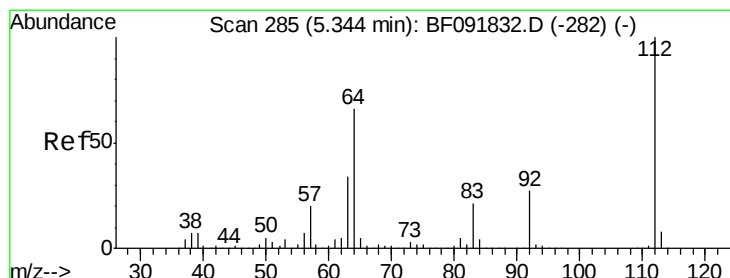
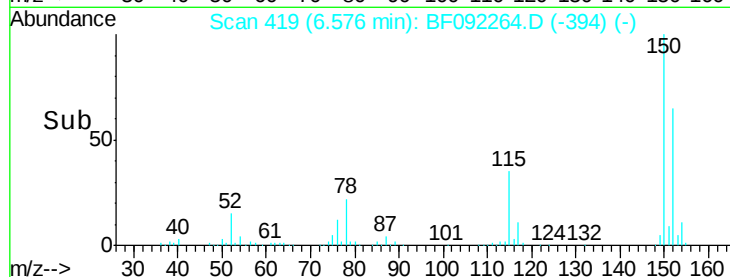
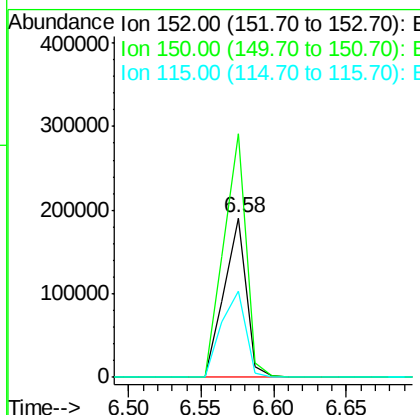
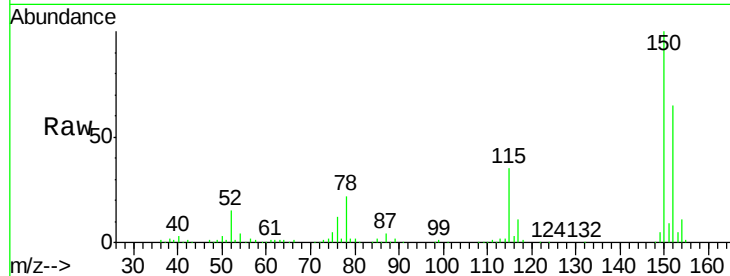




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092264.D
 Acq: 14 Jan 2017 1:42

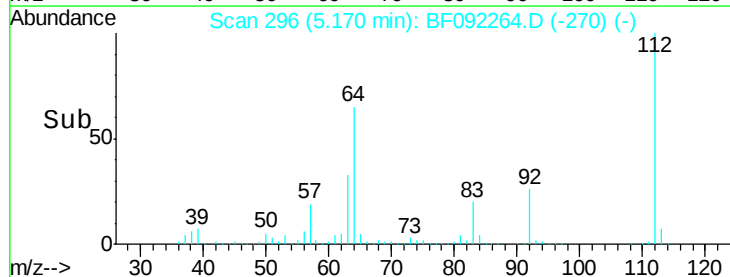
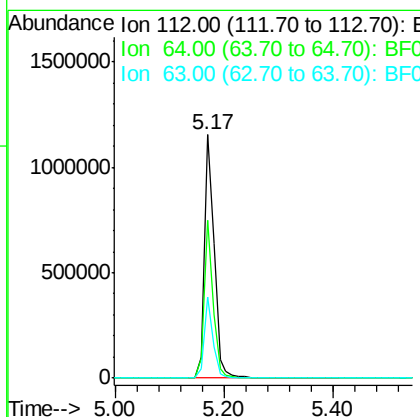
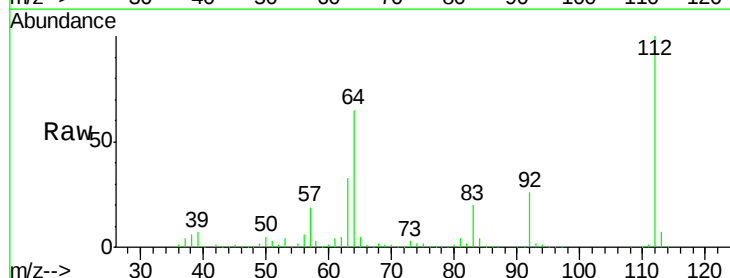
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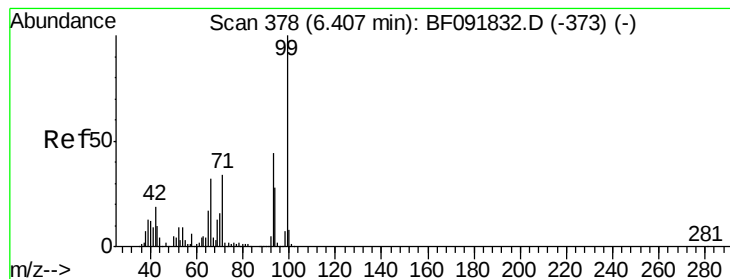
Tgt Ion:152 Resp: 202998
 Ion Ratio Lower Upper
 152 100
 150 152.9 124.9 187.3
 115 53.8 46.0 69.0



#5
 2-Fluorophenol
 Concen: 116.10 ng
 RT: 5.17 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF092264.D
 Acq: 14 Jan 2017 1:42

Tgt Ion:112 Resp: 1411534
 Ion Ratio Lower Upper
 112 100
 64 64.9 46.1 69.1
 63 33.4 23.8 35.6





#7

Phenol-d6

Concen: 135.69 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

Instrument :

BNA_F

ClientSampleId :

COMP-0027

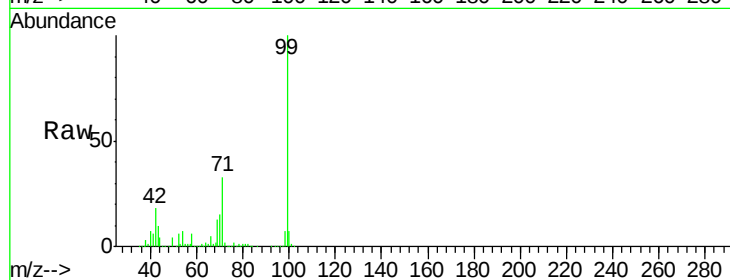
Tgt Ion: 99 Resp: 2014057

Ion Ratio Lower Upper

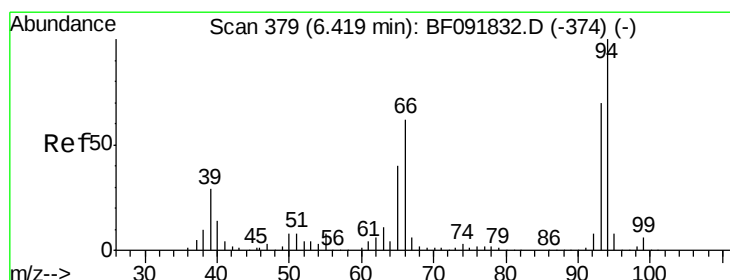
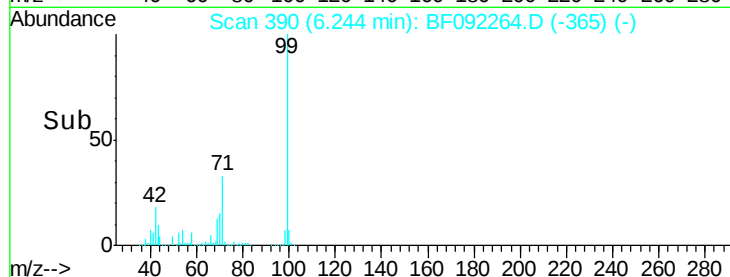
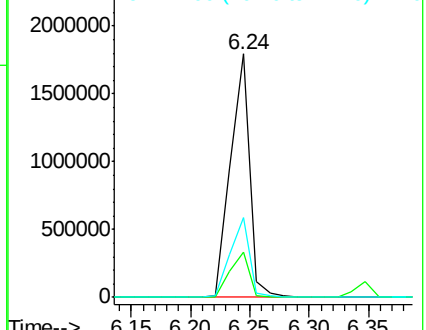
99 100

42 18.4 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



#10

Phenol

Concen: 2.03 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

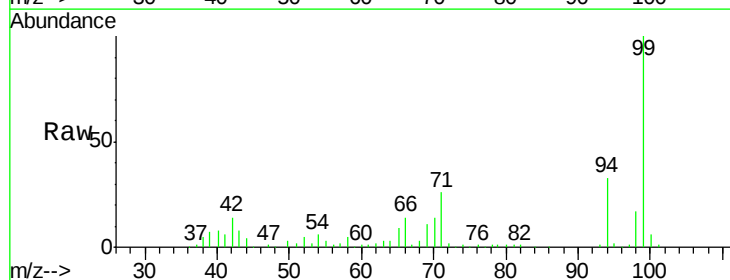
Tgt Ion: 94 Resp: 34268

Ion Ratio Lower Upper

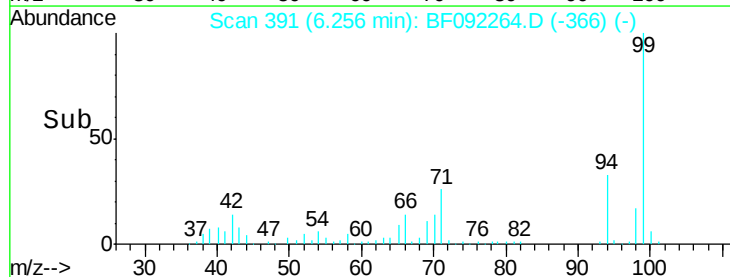
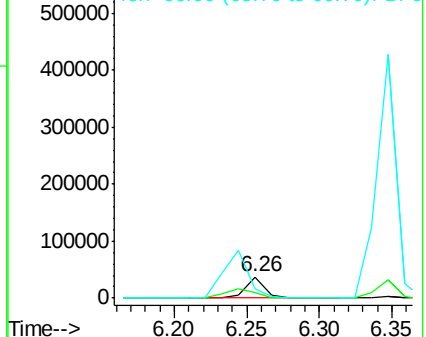
94 100

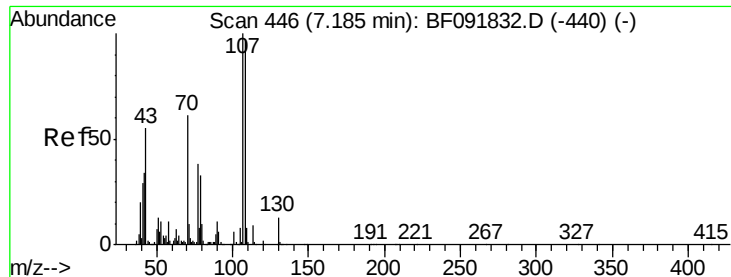
65 27.0 21.4 61.4

66 43.2 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

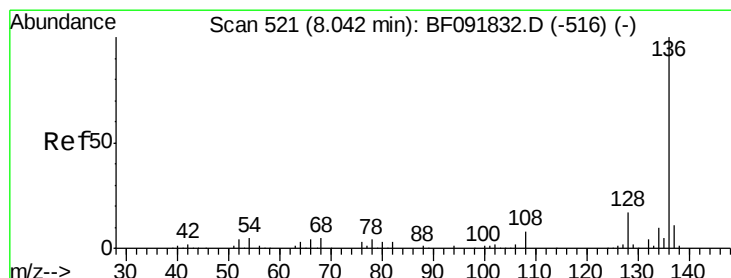
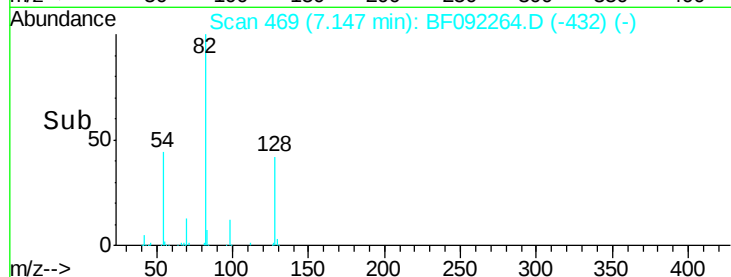
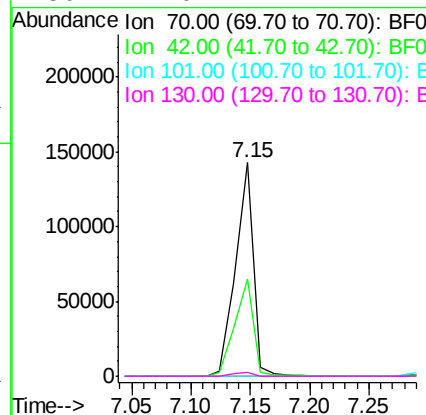
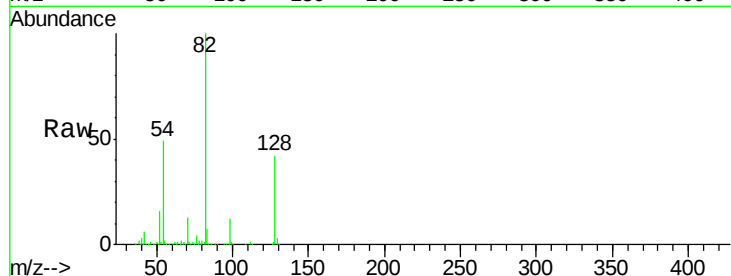




#19
n-Nitroso-di-n-propylamine
Concen: 15.12 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF092264.D
Acq: 14 Jan 2017 1:42

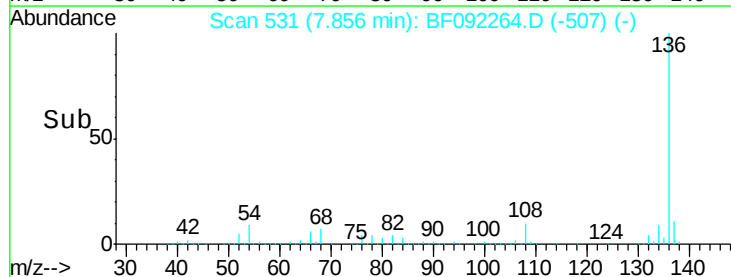
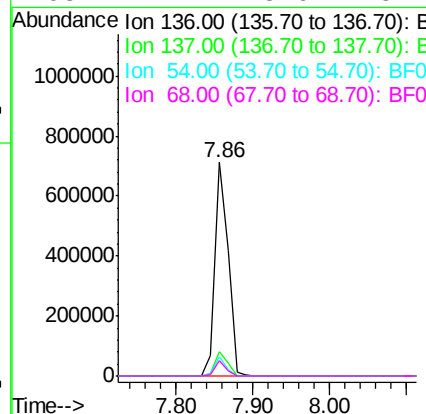
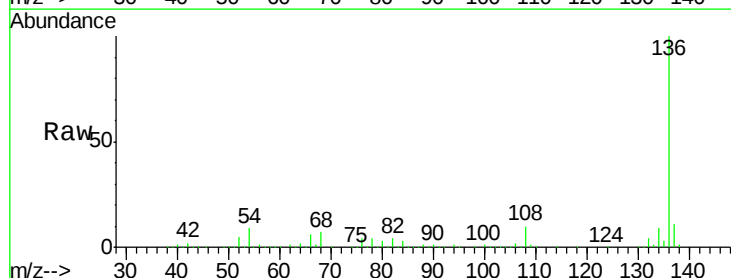
Instrument :
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COMP-0027

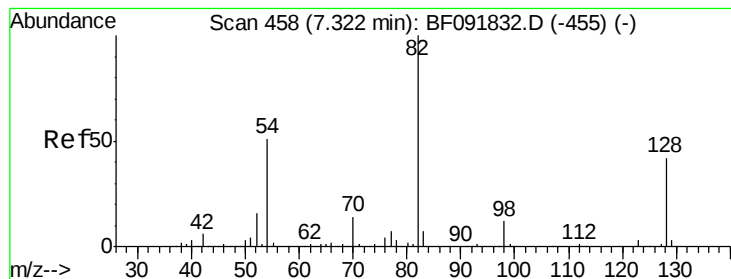
Tgt Ion: 70 Resp: 149339
Ion Ratio Lower Upper
70 100
42 45.6 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092264.D
Acq: 14 Jan 2017 1:42

Tgt Ion: 136 Resp: 839560
Ion Ratio Lower Upper
136 100
137 11.3 8.4 12.6
54 9.2 4.5 6.7#
68 7.2 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 74.53 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

Instrument :

BNA_F

ClientSampleId :

COMP-0027

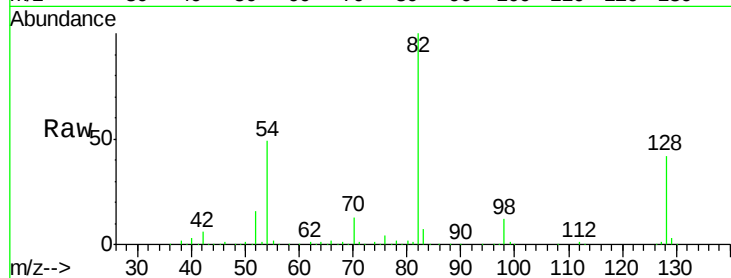
Tgt Ion: 82 Resp: 1125208

Ion Ratio Lower Upper

82 100

128 42.3 34.6 52.0

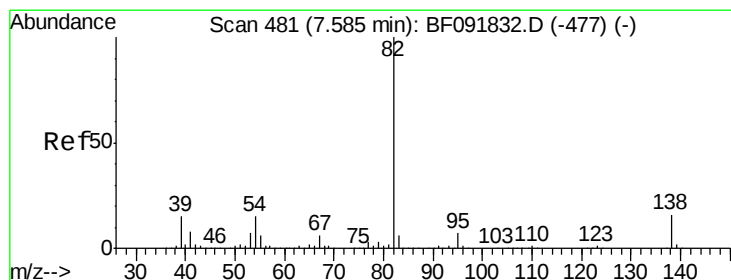
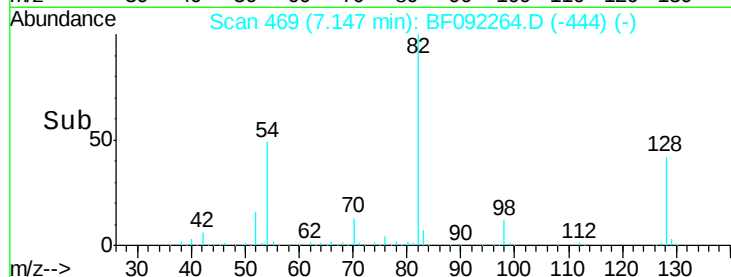
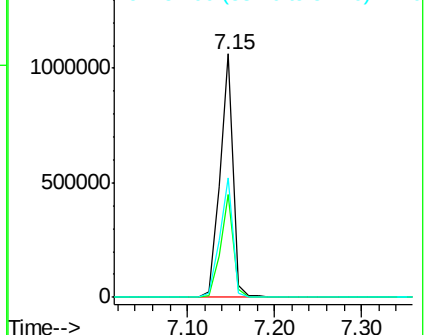
54 49.1 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 39.70 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.27 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

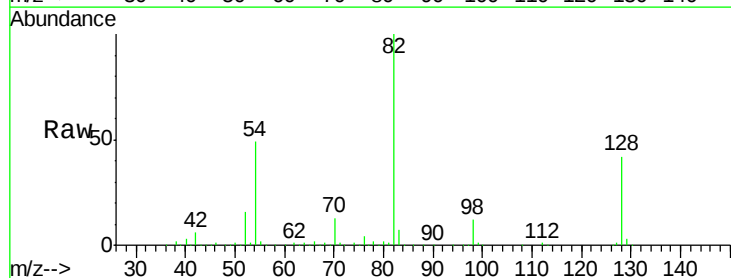
Tgt Ion: 82 Resp: 1105924

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

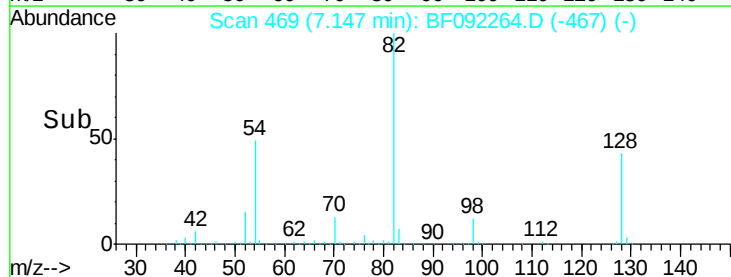
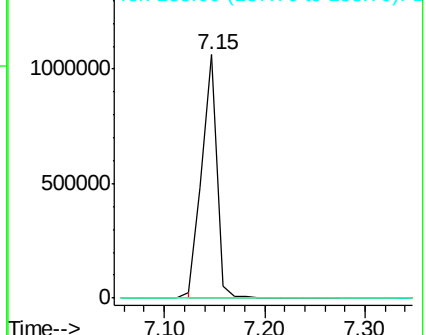
138 0.0 14.6 22.0#

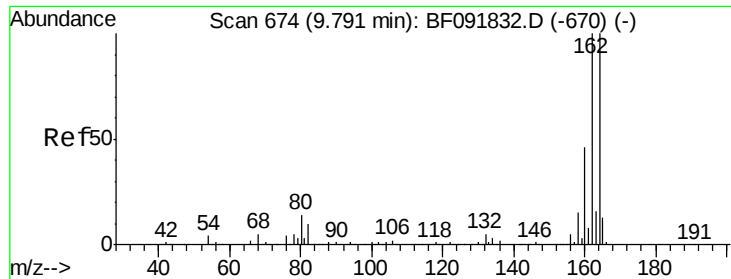


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.60 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

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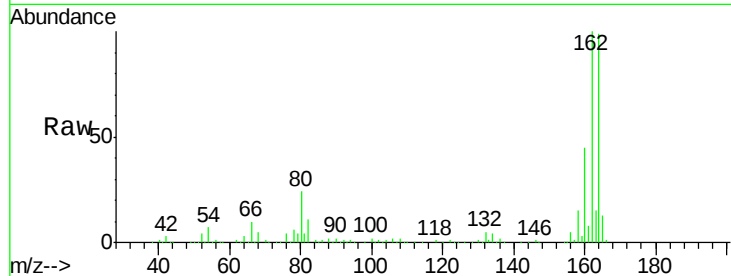
Tgt Ion:164 Resp: 369528

Ion Ratio Lower Upper

164 100

162 101.4 80.2 120.2

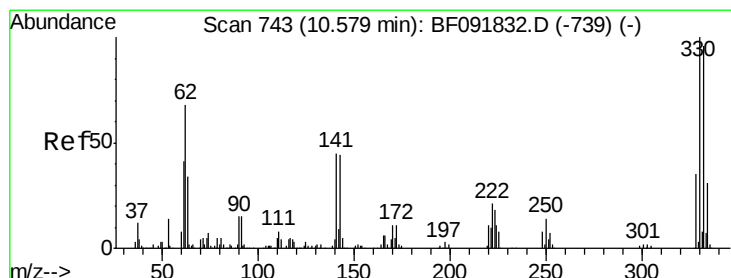
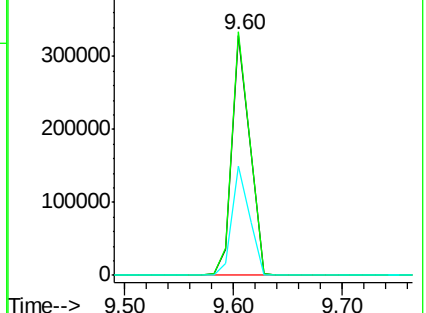
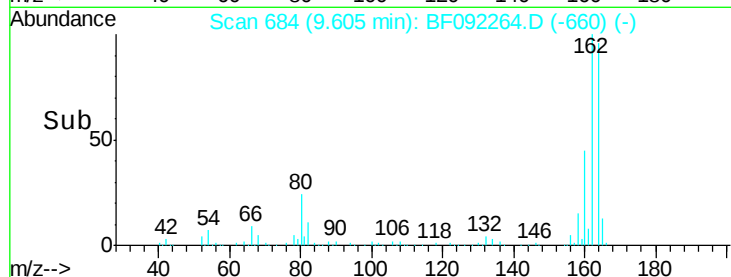
160 45.4 36.9 55.3



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: 129.20 ng

RT: 10.40 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

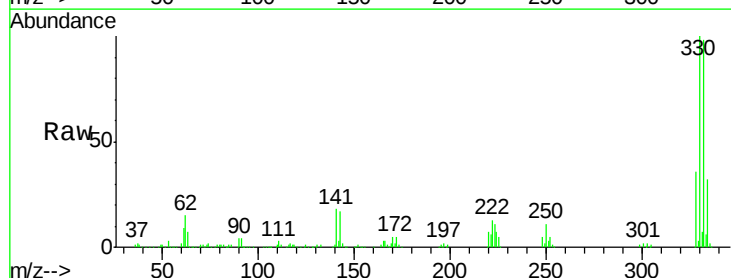
Tgt Ion:330 Resp: 395094

Ion Ratio Lower Upper

330 100

332 97.1 77.4 116.2

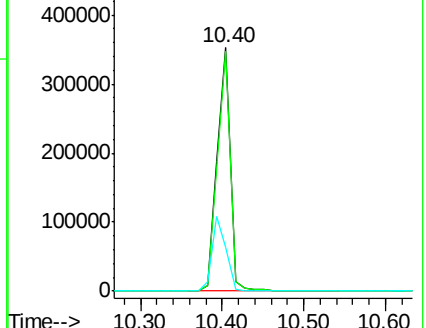
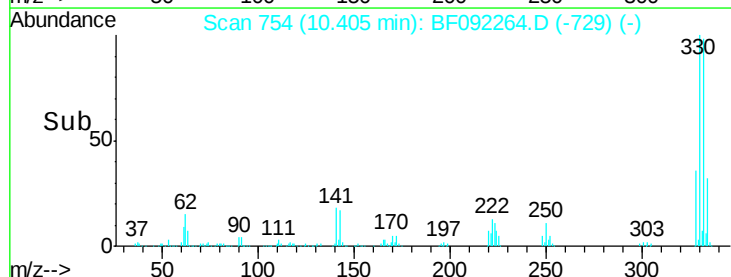
141 33.3 34.1 51.1#

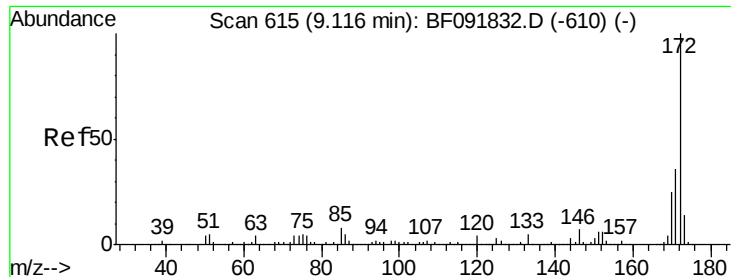


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

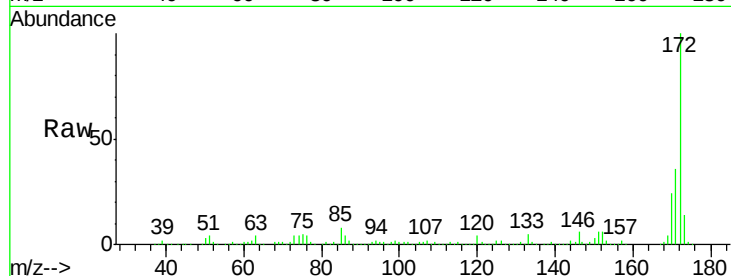




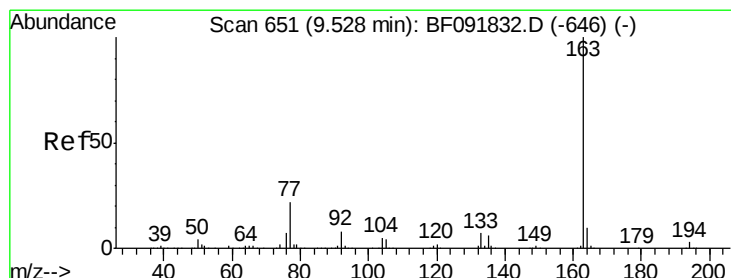
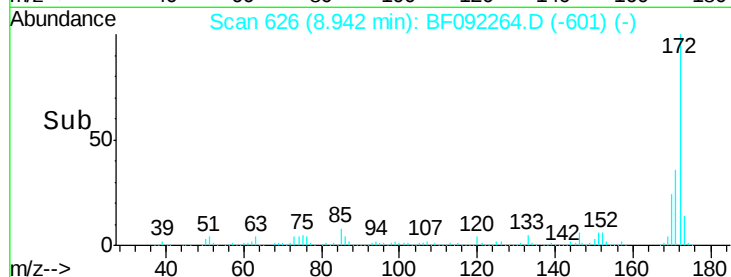
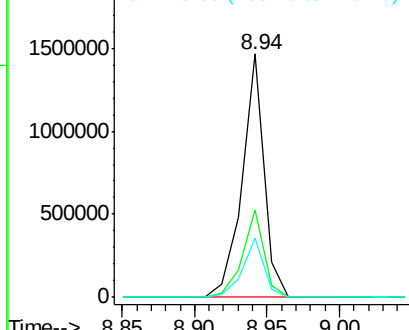
#44
 2-Fluorobiphenyl
 Concen: 85.58 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092264.D
 Acq: 14 Jan 2017 1:42

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Tgt Ion:172 Resp: 1541799
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.5 20.2 30.4

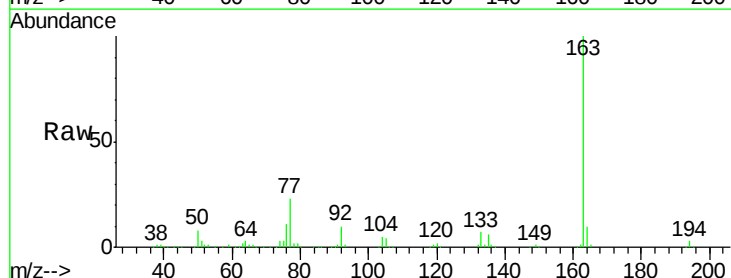


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

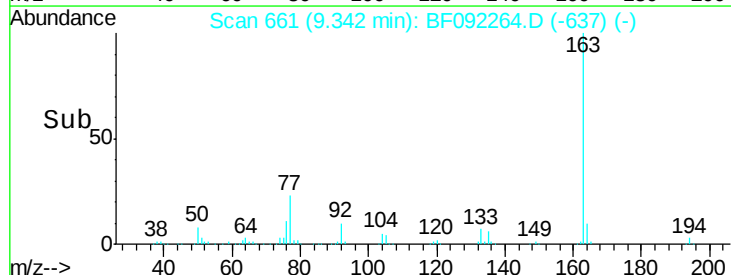
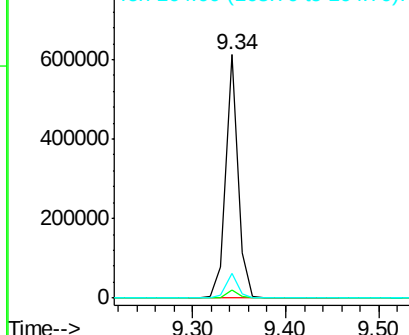


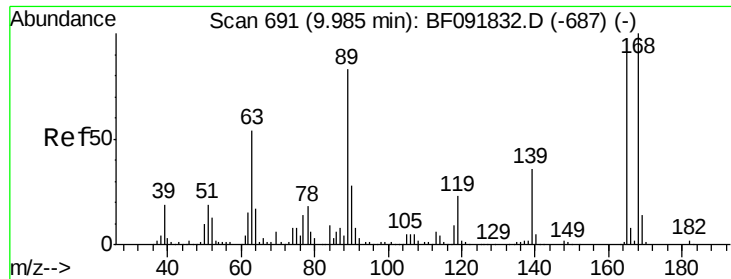
#49
 Dimethylphthalate
 Concen: 23.67 ng
 RT: 9.34 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF092264.D
 Acq: 14 Jan 2017 1:42

Tgt Ion:163 Resp: 559421
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 10.4 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

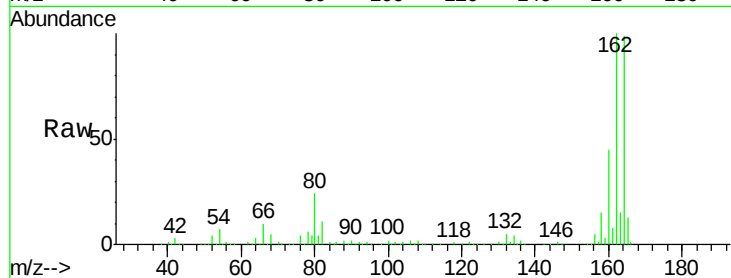




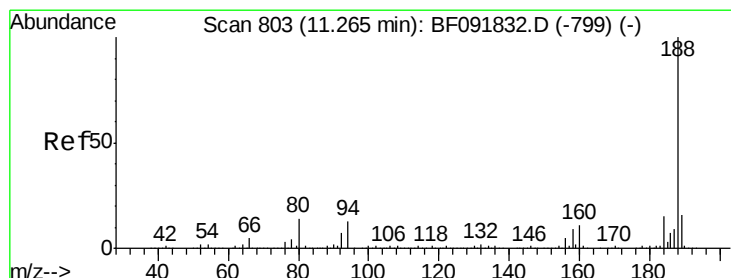
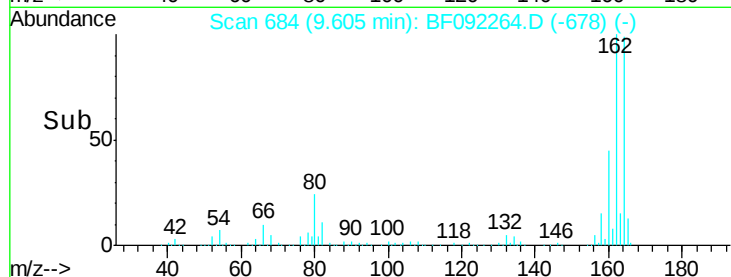
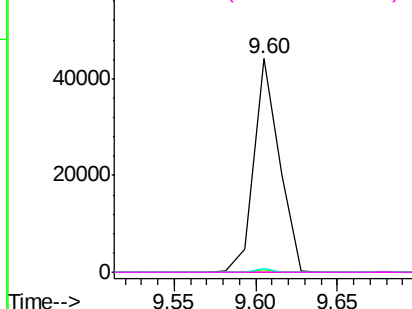
#56
 2,4-Dinitrotoluene
 Concen: 7.37 ng
 RT: 9.60 min Scan# 684
 Delta R.T. -0.23 min
 Lab File: BF092264.D
 Acq: 14 Jan 2017 1:42

Instrument :
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 COMP-0027

Tgt Ion:165 Resp: 47836
 Ion Ratio Lower Upper
 165 100
 63 1.0 40.2 60.4#
 89 1.7 62.5 93.7#
 182 0.0 1.8 2.8#

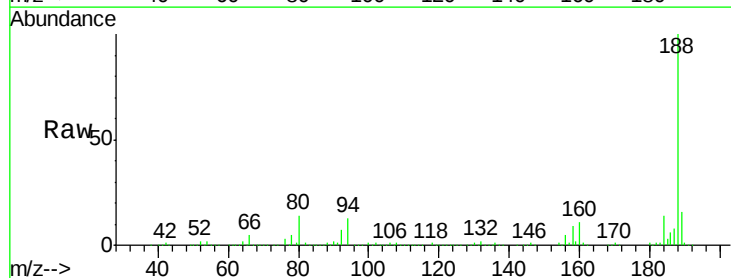


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

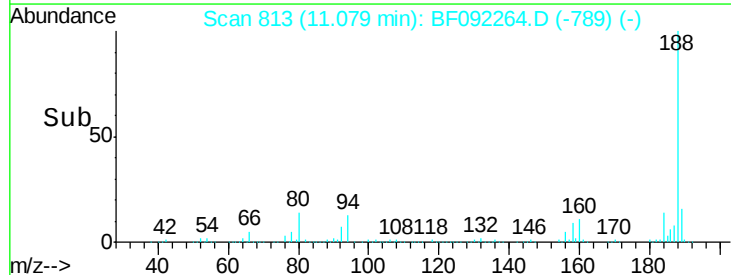
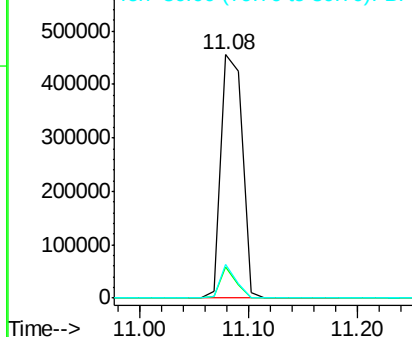


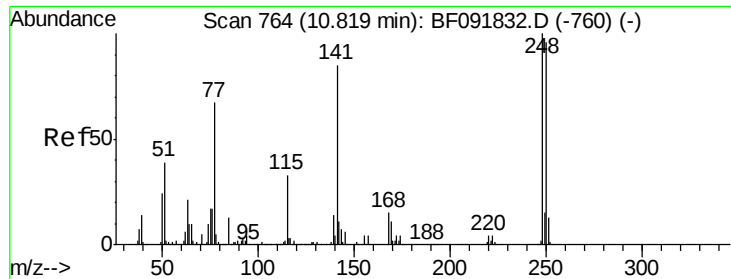
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 813
 Delta R.T. -0.02 min
 Lab File: BF092264.D
 Acq: 14 Jan 2017 1:42

Tgt Ion:188 Resp: 623192
 Ion Ratio Lower Upper
 188 100
 94 12.9 10.0 15.0
 80 14.0 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

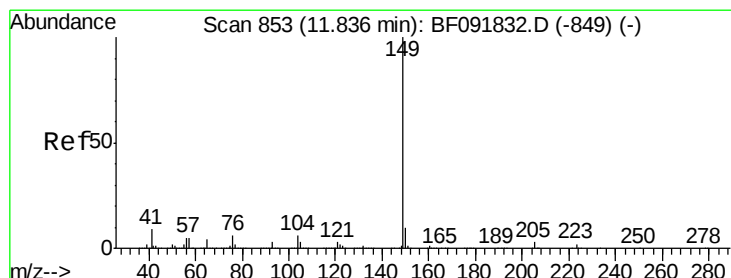
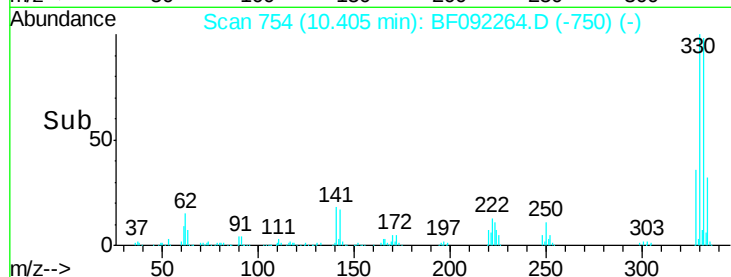
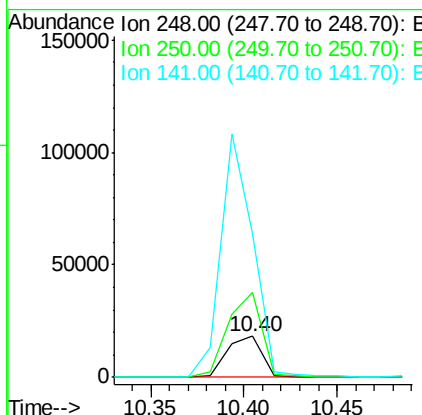
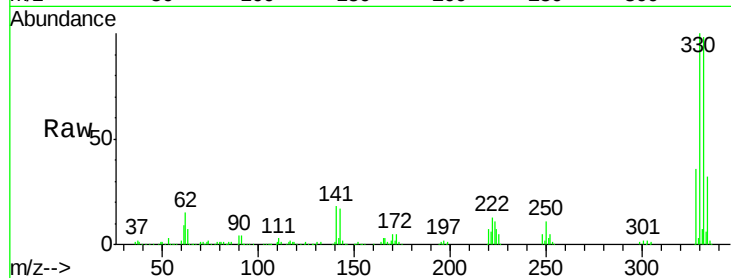




#66
 4-Bromophenyl-phenylether
 Concen: 3.76 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF092264.D
 Acq: 14 Jan 2017 1:42

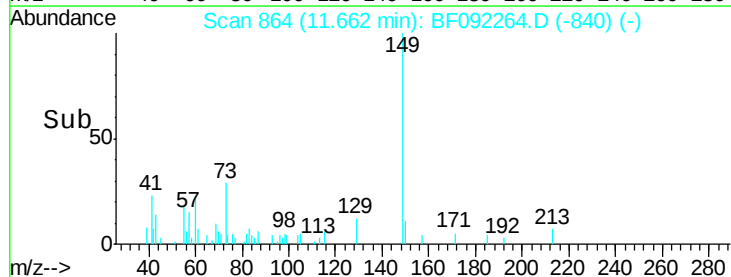
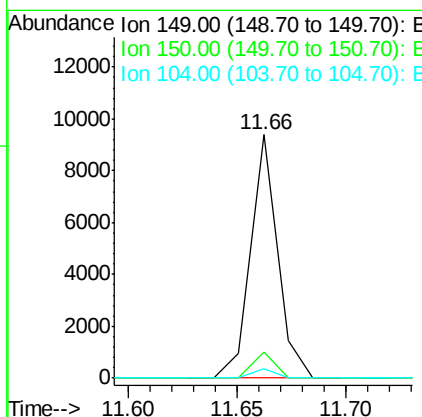
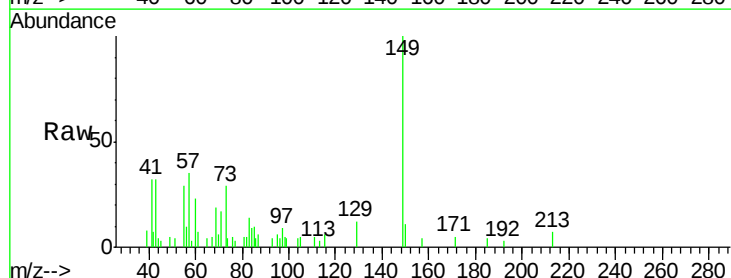
Instrument :
 BNA_F
 ClientSampleId :
 COMP-0027

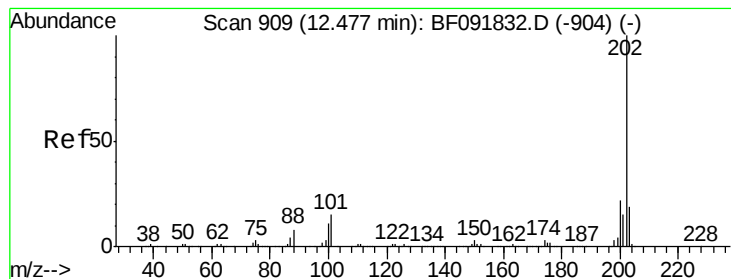
Tgt Ion:248 Resp: 24357
 Ion Ratio Lower Upper
 248 100
 250 206.4 76.9 115.3#
 141 350.6 68.2 102.4#



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.66 min Scan# 864
 Delta R.T. -0.02 min
 Lab File: BF092264.D
 Acq: 14 Jan 2017 1:42

Tgt Ion:149 Resp: 8096
 Ion Ratio Lower Upper
 149 100
 150 10.7 8.1 12.1
 104 3.8 4.6 7.0#





#74

Fluoranthene

Concen: Below Cal

RT: 12.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

Instrument :

BNA_F

ClientSampleId :

COMP-0027

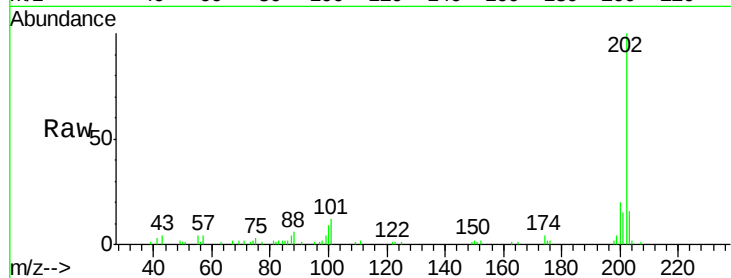
Tgt Ion:202 Resp: 30880

Ion Ratio Lower Upper

202 100

101 11.5 0.0 34.6

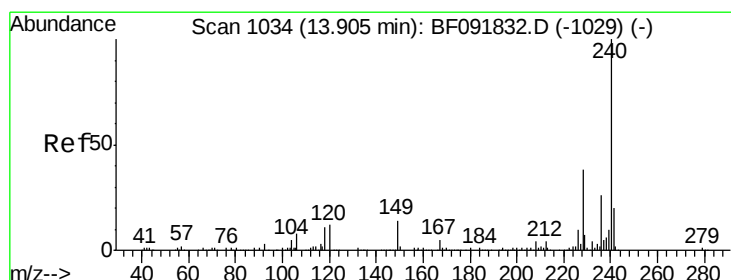
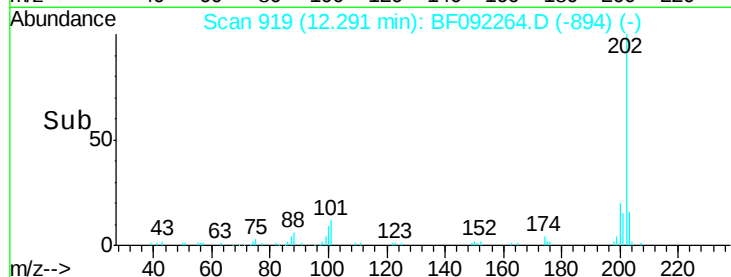
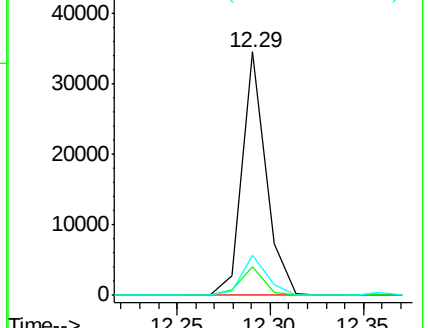
203 16.4 0.0 38.7



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: 13.71 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF092264.D

Acq: 14 Jan 2017 1:42

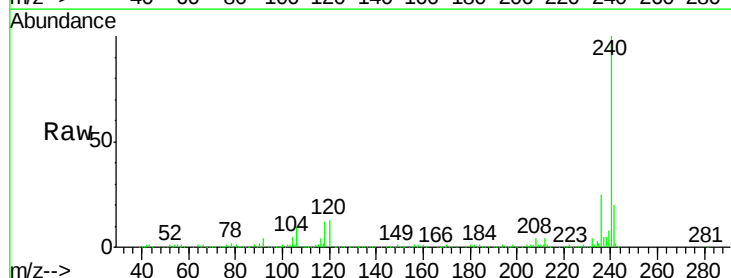
Tgt Ion:240 Resp: 445553

Ion Ratio Lower Upper

240 100

120 13.1 12.9 19.3

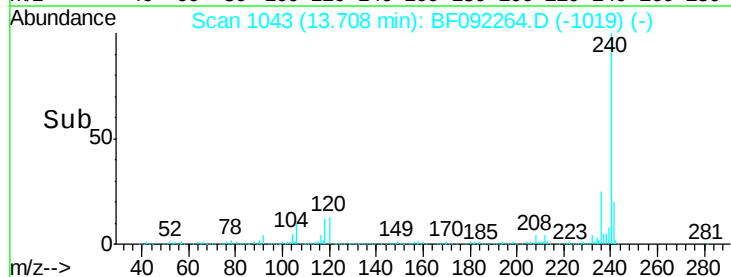
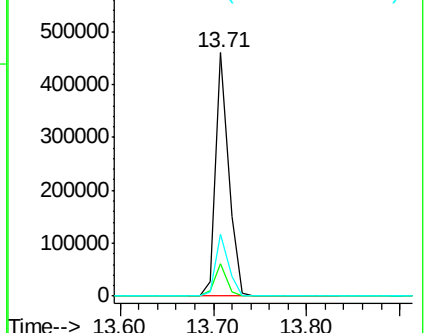
236 25.4 20.9 31.3

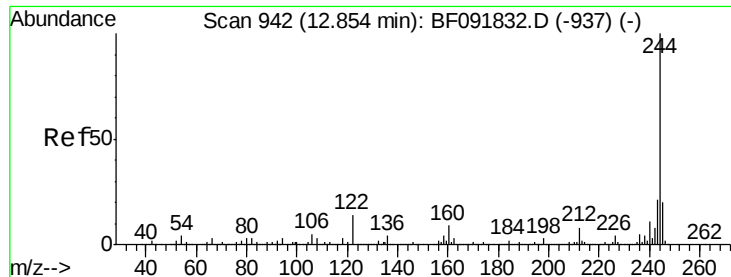


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

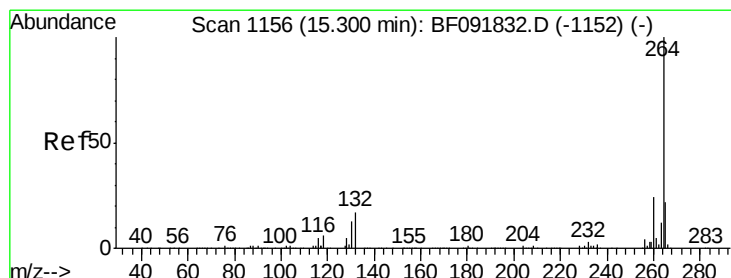
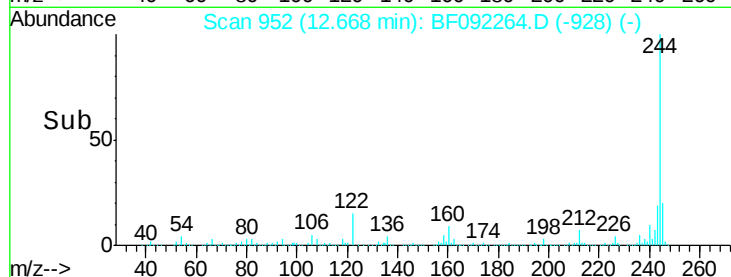
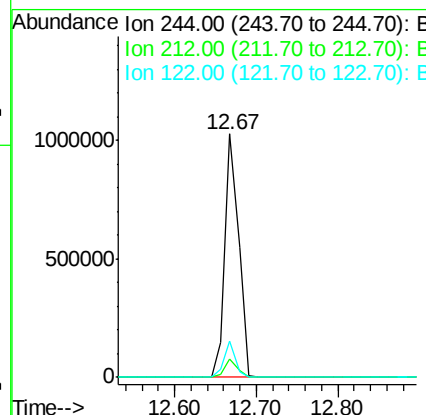
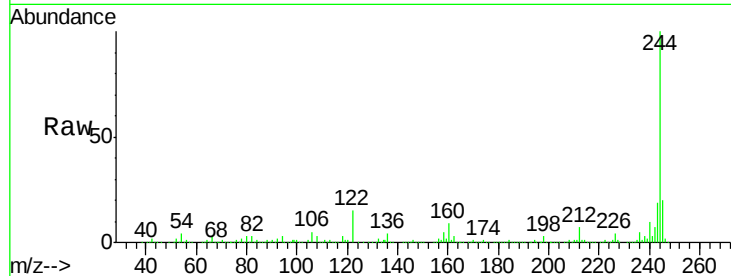




#78
 Terphenyl-d14
 Concen: 64.86 ng
 RT: 12.67 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF092264.D
 Acq: 14 Jan 2017 1:42

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0027

Tgt Ion:244 Resp: 1191563
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 14.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BF092264.D
 Acq: 14 Jan 2017 1:42

Tgt Ion:264 Resp: 338597
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 21.6 17.4 26.0

