

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092281.D
 Acq On : 14 Jan 2017 13:23
 Operator : UM/SJ
 Sample : I1162-16
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Quant Time: Jan 16 03:18:58 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

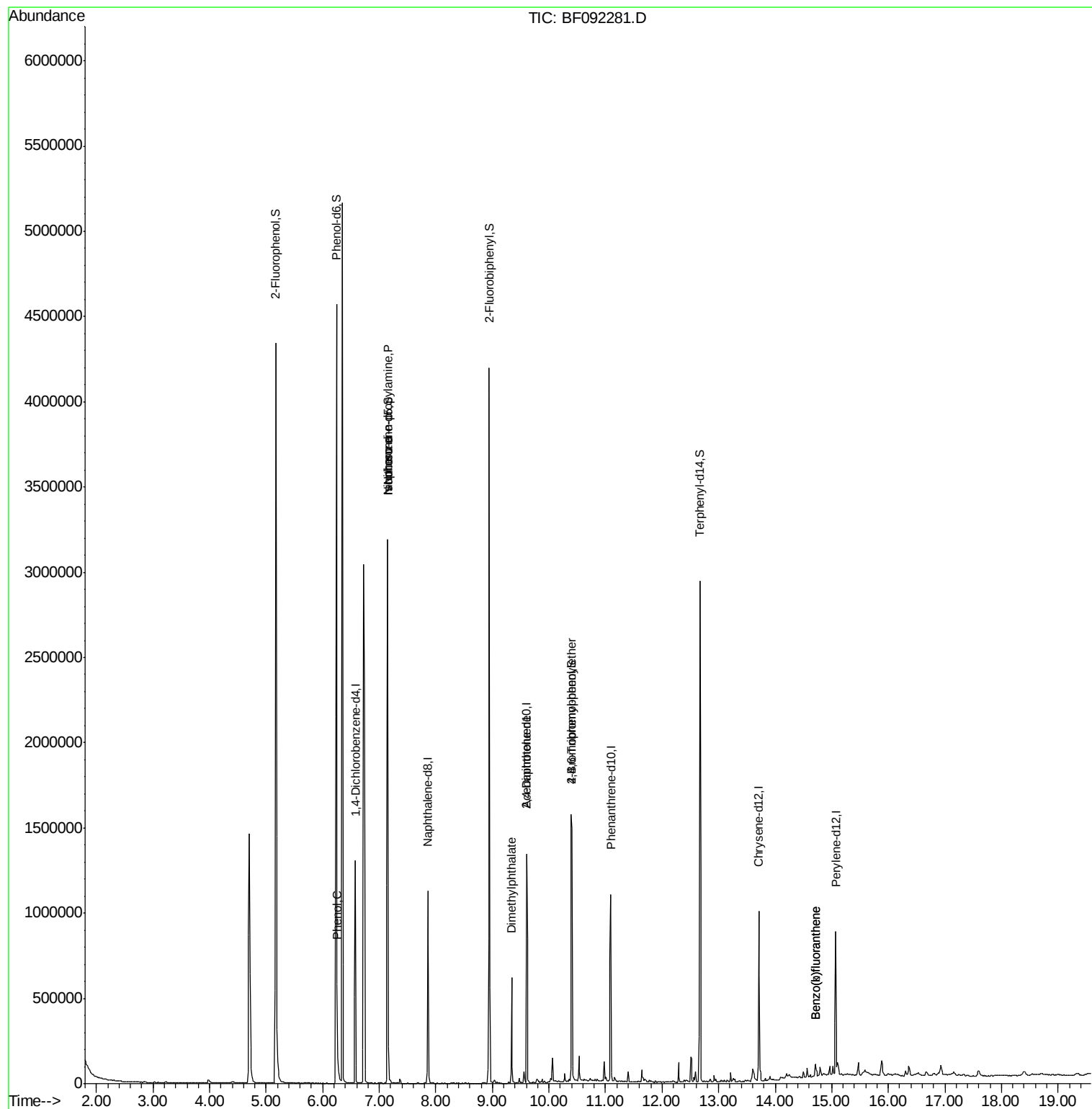
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	227418	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	736491	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	374415	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	530636	20.00	ng	-0.01
75) Chrysene-d12	13.71	240	397385	20.00	ng	-0.02
86) Perylene-d12	15.07	264	348989	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1404876	103.15	ng	0.00
7) Phenol-d6	6.24	99	1817989	109.33	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1150475	86.86	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	301060	97.16	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1307769	69.16	ng	-0.01
78) Terphenyl-d14	12.67	244	1043641	63.69	ng	-0.02
Target Compounds						
10) Phenol	6.26	94	93095	4.91	ng	# 66
19) n-Nitroso-di-n-propylamine	7.15	70	151495	13.69	ng	# 76
25) Isophorone	7.15	82	1138051	46.57	ng	# 65
37) 2-Methylnaphthalene	8.58	142	812	Below Cal	#	73
49) Dimethylphthalate	9.34	163	244666	10.22	ng	99
56) 2,4-Dinitrotoluene	9.60	165	49428	7.51	ng	# 19
66) 4-Bromophenyl-phenylether	10.40	248	18191	3.30	ng	# 1
71) Anthracene	11.16	178	7613	Below Cal		98
73) Di-n-butylphthalate	11.66	149	7349	Below Cal		99
74) Fluoranthene	12.29	202	47063	Below Cal		97
87) Benzo(b)fluoranthene	14.71	252	55772	2.57	ng	98
88) Benzo(k)fluoranthene	14.71	252	55772	3.01	ng	97

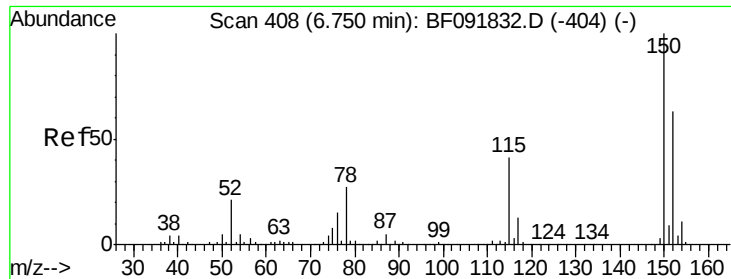
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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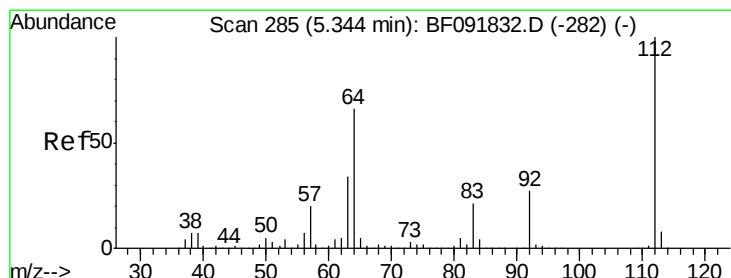
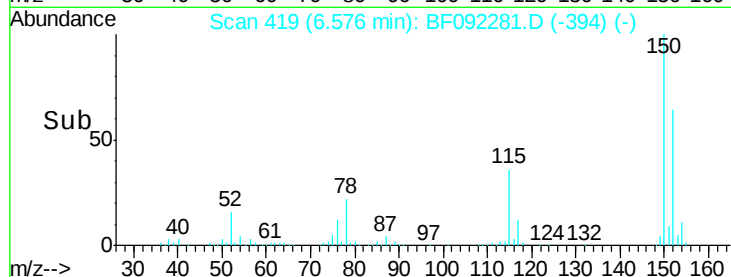
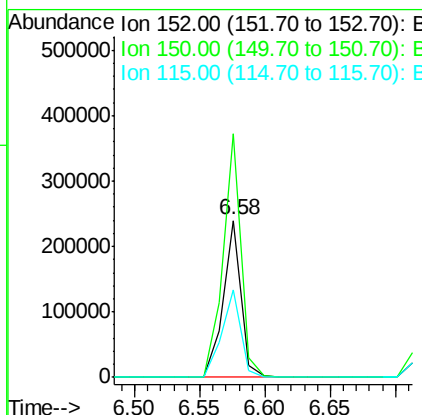
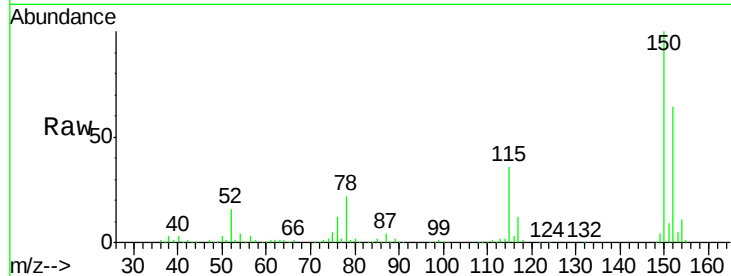




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 419
 Delta R.T. -0.01 min
 Lab File: BF092281.D
 Acq: 14 Jan 2017 13:23

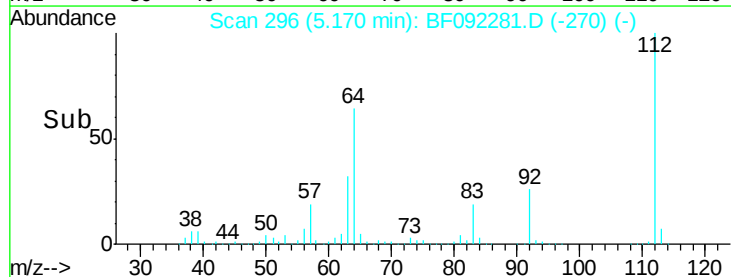
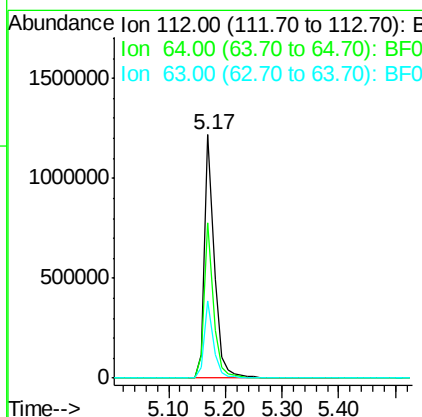
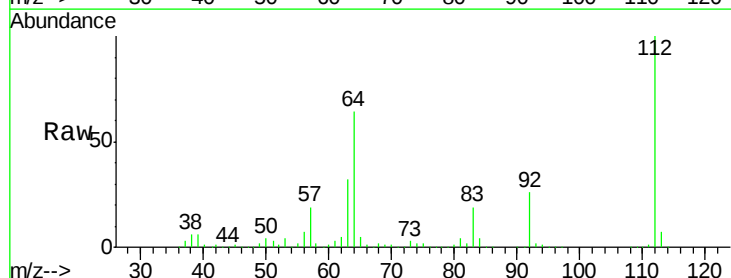
Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

Tgt Ion:152 Resp: 227418
 Ion Ratio Lower Upper
 152 100
 150 155.2 124.9 187.3
 115 55.5 46.0 69.0



#5
 2-Fluorophenol
 Concen: 103.15 ng
 RT: 5.17 min Scan# 296
 Delta R.T. 0.00 min
 Lab File: BF092281.D
 Acq: 14 Jan 2017 13:23

Tgt Ion:112 Resp: 1404876
 Ion Ratio Lower Upper
 112 100
 64 63.8 46.1 69.1
 63 31.8 23.8 35.6





#7

Phenol-d6

Concen: 109.33 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092281.D

Acq: 14 Jan 2017 13:23

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

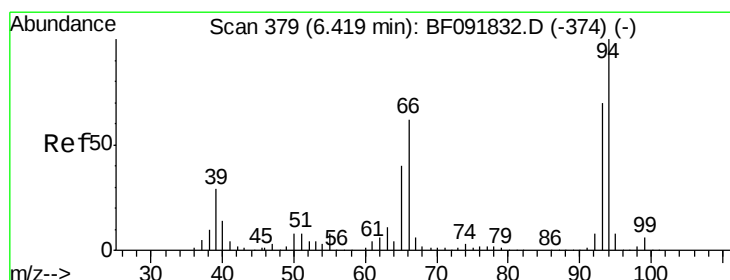
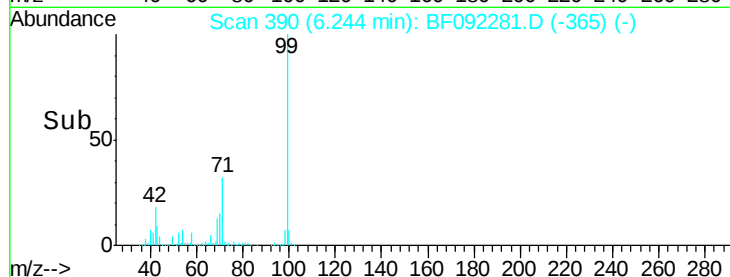
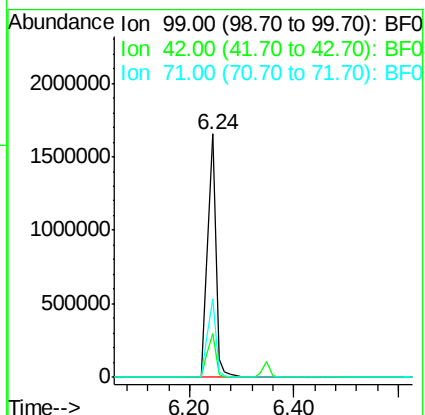
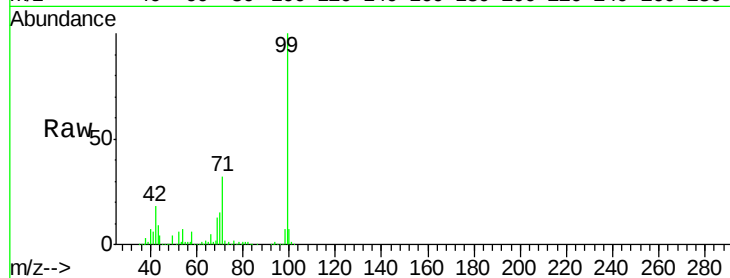
Tgt Ion: 99 Resp: 1817989

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

71 32.2 27.5 41.3



#10

Phenol

Concen: 4.91 ng

RT: 6.26 min Scan# 391

Delta R.T. -0.01 min

Lab File: BF092281.D

Acq: 14 Jan 2017 13:23

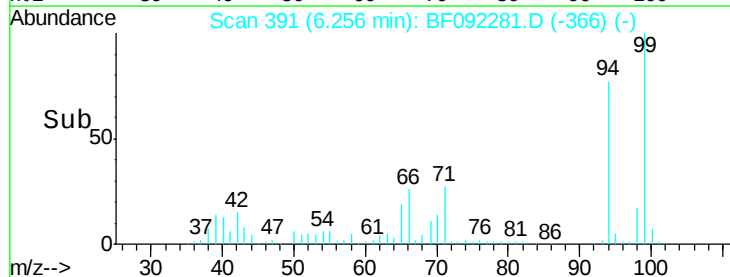
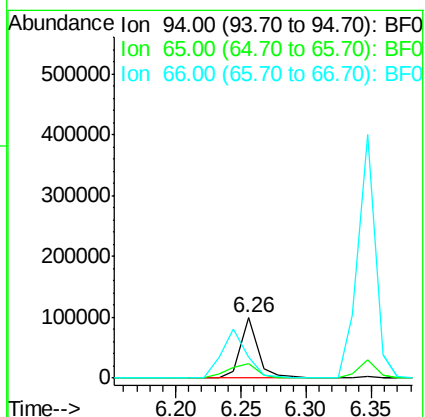
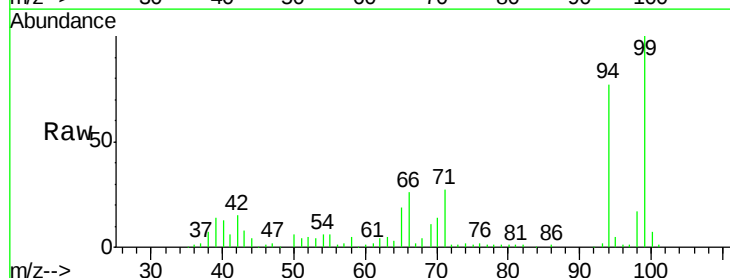
Tgt Ion: 94 Resp: 93095

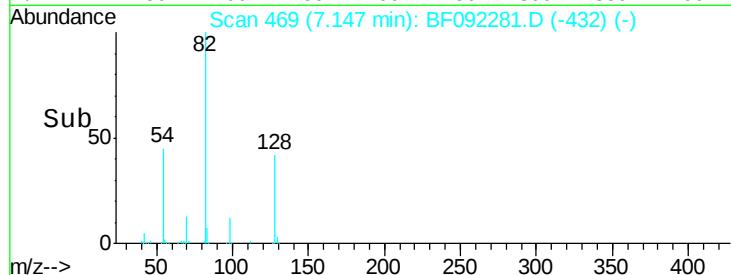
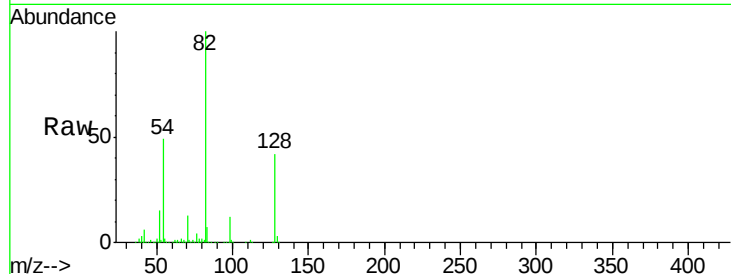
Ion Ratio Lower Upper

94 100

65 24.6 21.4 61.4

66 34.1 44.0 84.0#

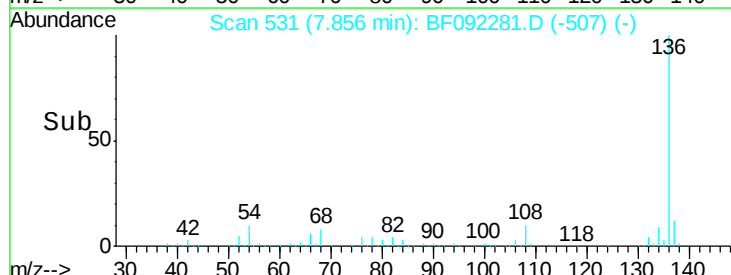
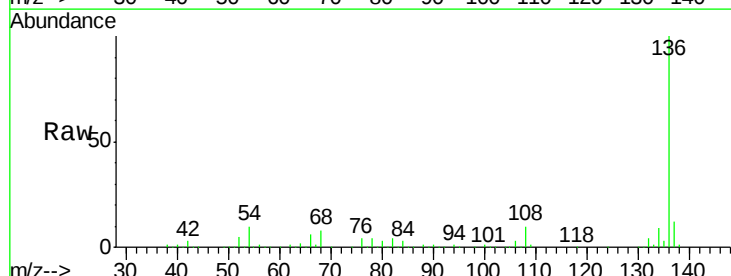
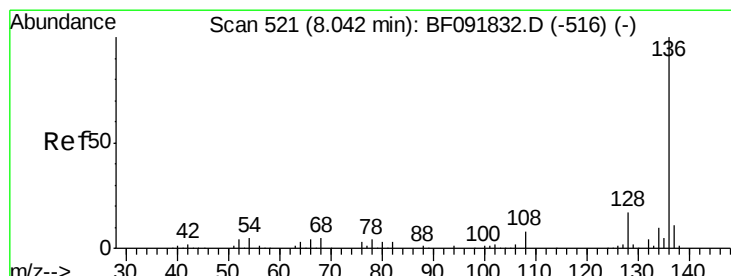
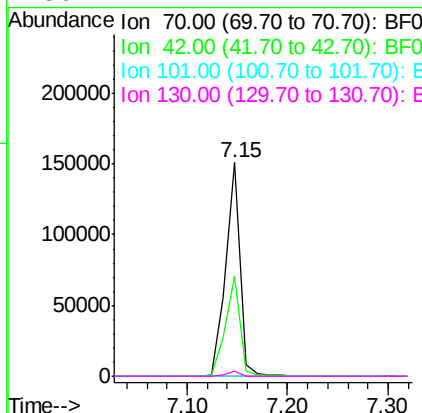




#19
n-Nitroso-di-n-propylamine
Concen: 13.69 ng
RT: 7.15 min Scan# 469
Delta R.T. 0.13 min
Lab File: BF092281.D
Acq: 14 Jan 2017 13:23

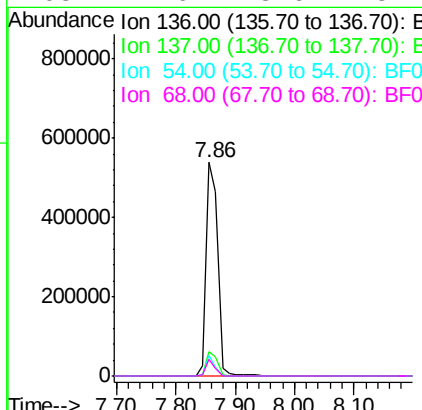
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

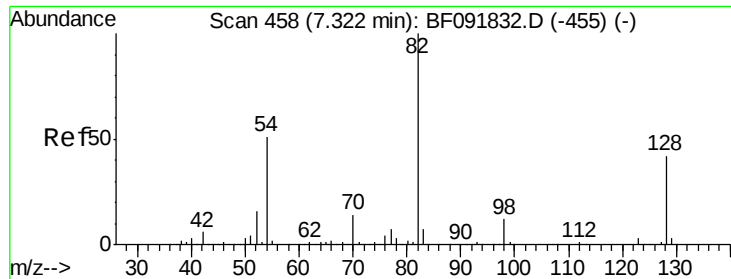
Tgt Ion: 70 Resp: 151495
Ion Ratio Lower Upper
70 100
42 46.6 49.4 74.0#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092281.D
Acq: 14 Jan 2017 13:23

Tgt Ion: 136 Resp: 736491
Ion Ratio Lower Upper
136 100
137 11.6 8.4 12.6
54 9.8 4.5 6.7#
68 7.6 3.6 5.4#

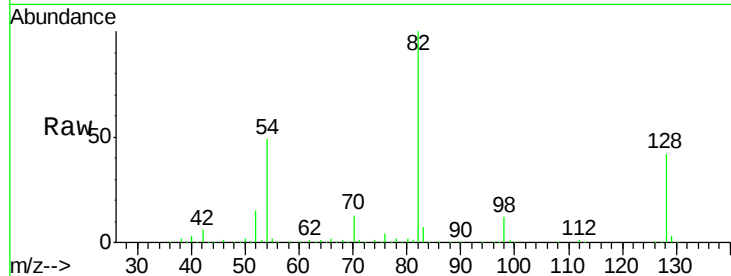




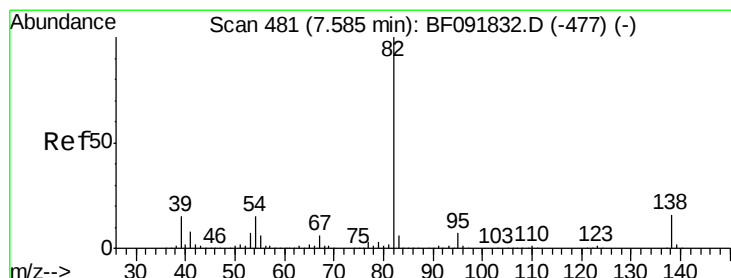
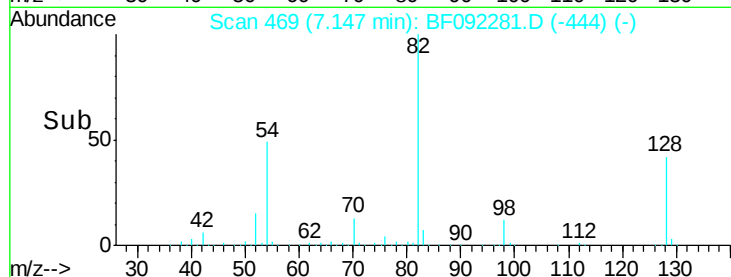
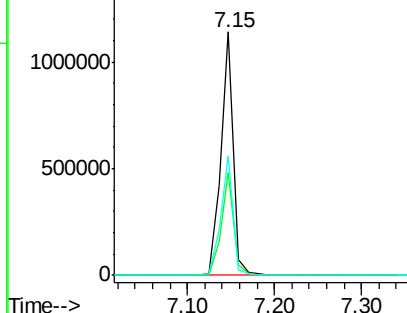
#23
Nitrobenzene-d5
Concen: 86.86 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092281.D
Acq: 14 Jan 2017 13:23

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion: 82 Resp: 1150475
Ion Ratio Lower Upper
82 100
128 42.3 34.6 52.0
54 49.2 39.5 59.3

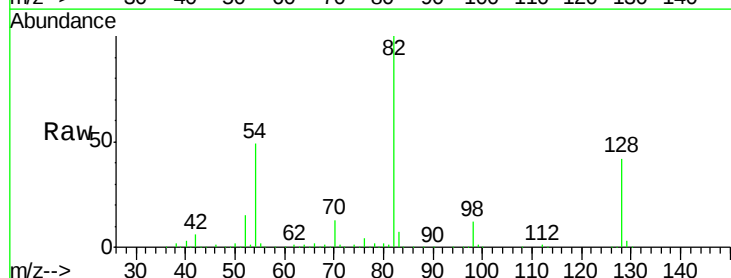


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

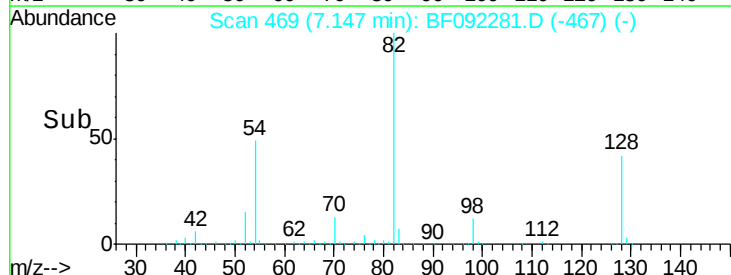
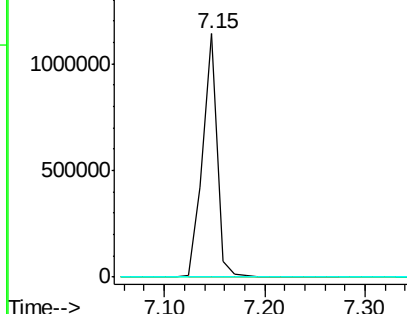


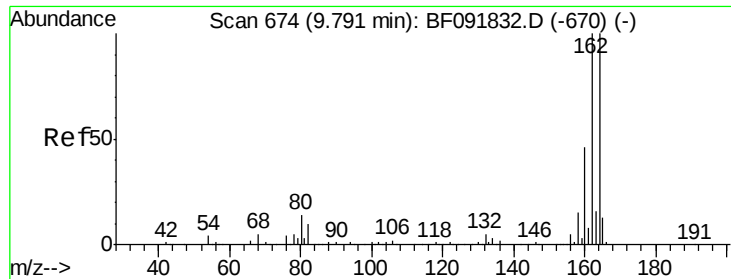
#25
Isophorone
Concen: 46.57 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.27 min
Lab File: BF092281.D
Acq: 14 Jan 2017 13:23

Tgt Ion: 82 Resp: 1138051
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: BF092281.D

Acq: 14 Jan 2017 13:23

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

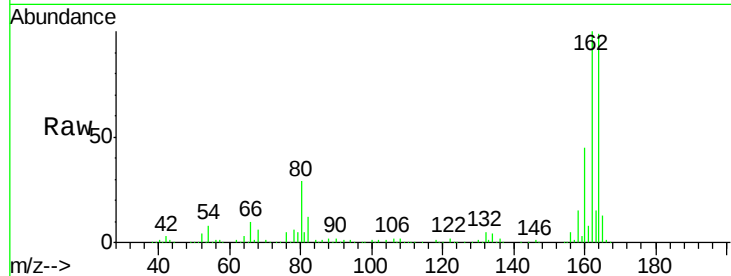
Tgt Ion:164 Resp: 374415

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.2

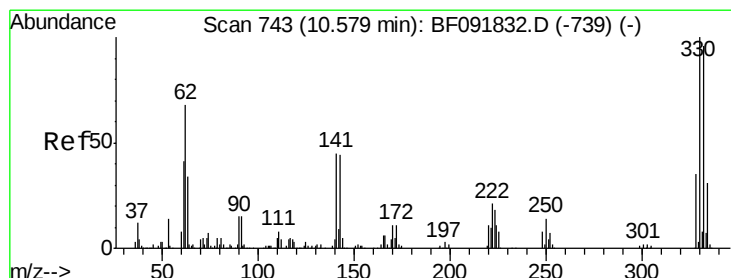
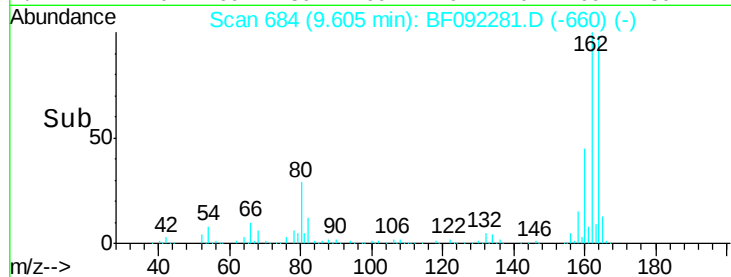
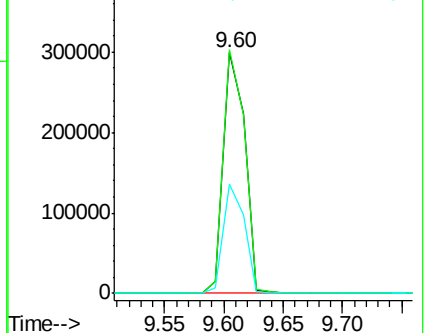
160 45.2 36.9 55.3



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: 97.16 ng

RT: 10.40 min Scan# 754

Delta R.T. -0.01 min

Lab File: BF092281.D

Acq: 14 Jan 2017 13:23

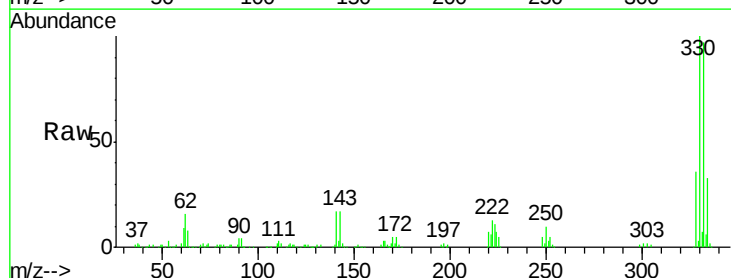
Tgt Ion:330 Resp: 301060

Ion Ratio Lower Upper

330 100

332 97.7 77.4 116.2

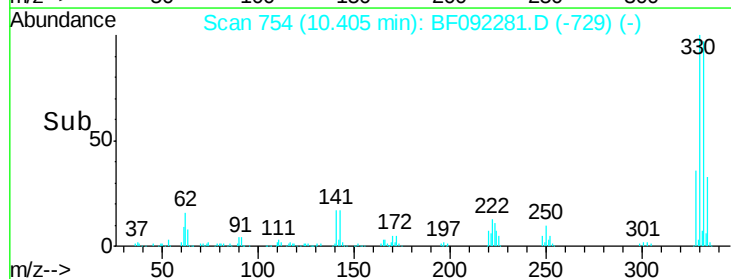
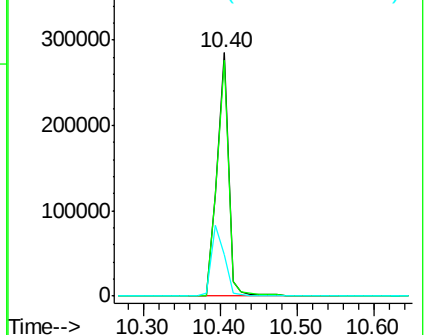
141 32.5 34.1 51.1#

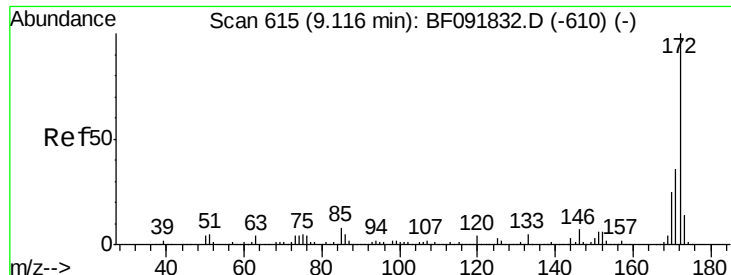


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

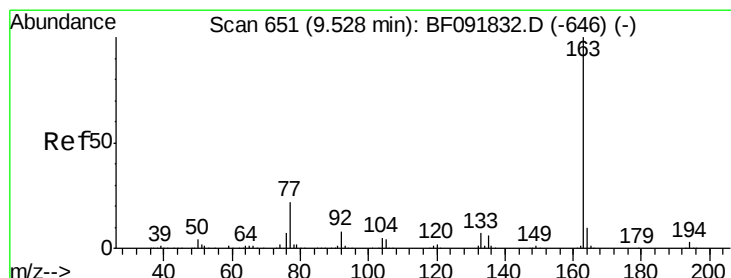
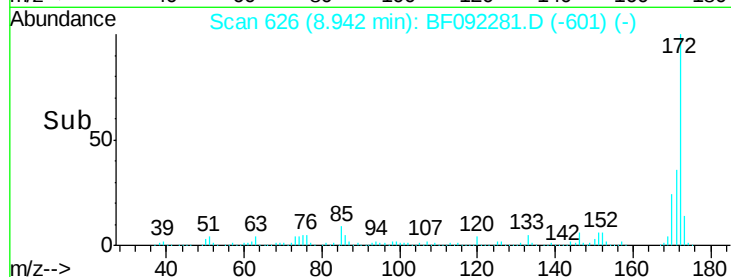
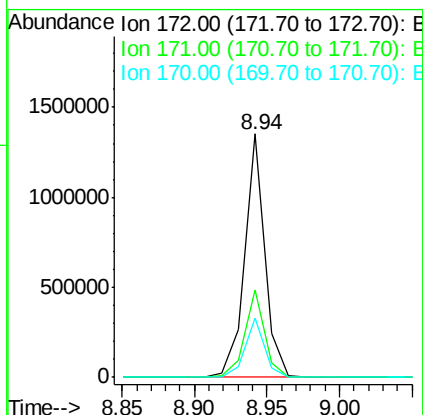
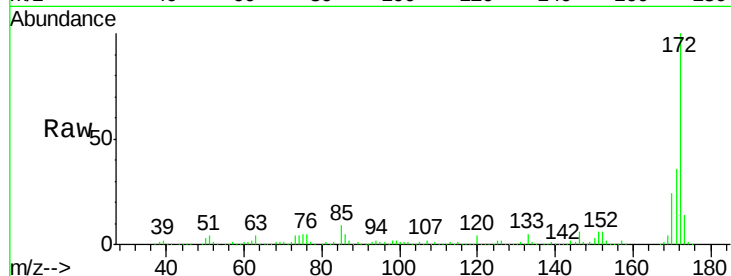




#44
 2-Fluorobiphenyl
 Concen: 69.16 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092281.D
 Acq: 14 Jan 2017 13:23

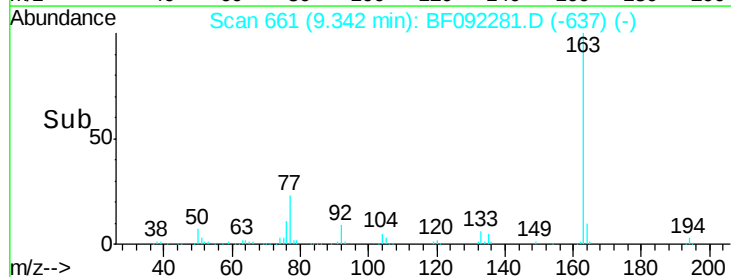
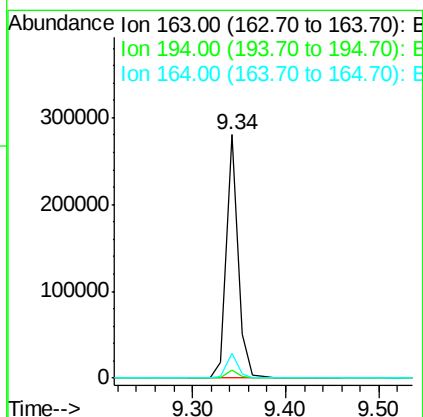
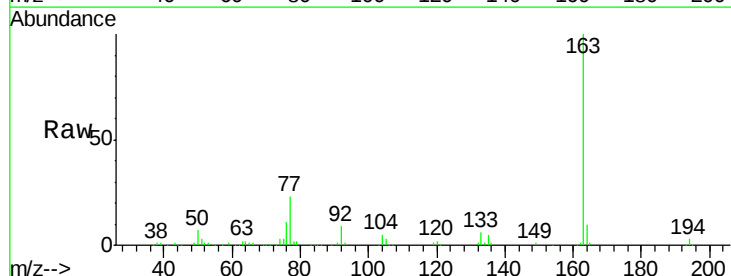
Instrument :
 BNA_F
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 SB-09-COMP

Tgt Ion:172 Resp: 1307769
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 24.4 20.2 30.4



#49
 Dimethylphthalate
 Concen: 10.22 ng
 RT: 9.34 min Scan# 661
 Delta R.T. -0.02 min
 Lab File: BF092281.D
 Acq: 14 Jan 2017 13:23

Tgt Ion:163 Resp: 244666
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.4
 164 10.1 8.0 12.0

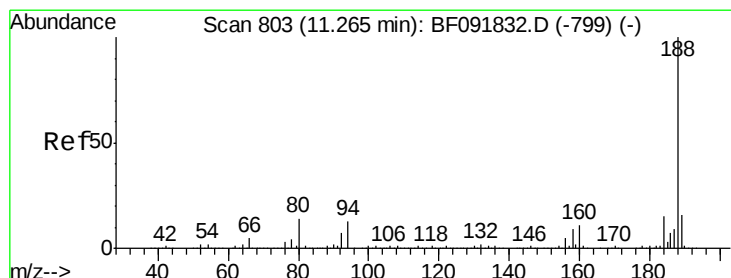
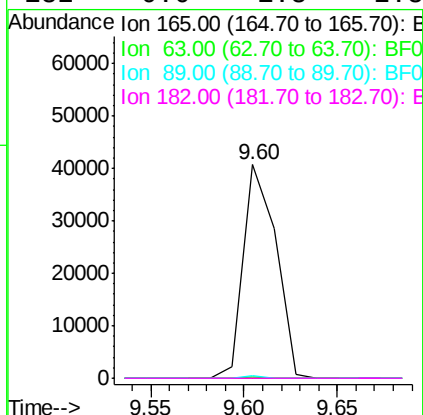
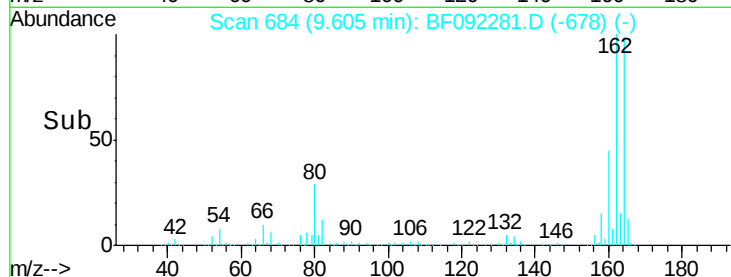
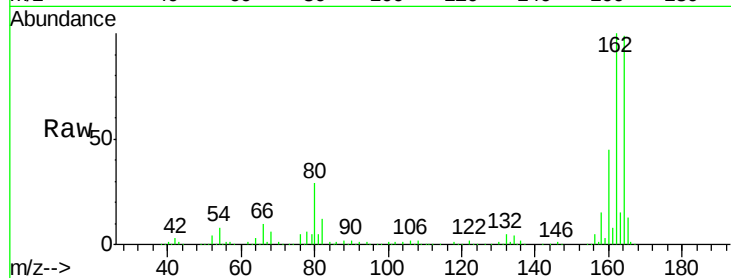




#56
2,4-Dinitrotoluene
Concen: 7.51 ng
RT: 9.60 min Scan# 684
Delta R.T. -0.23 min
Lab File: BF092281.D
Acq: 14 Jan 2017 13:23

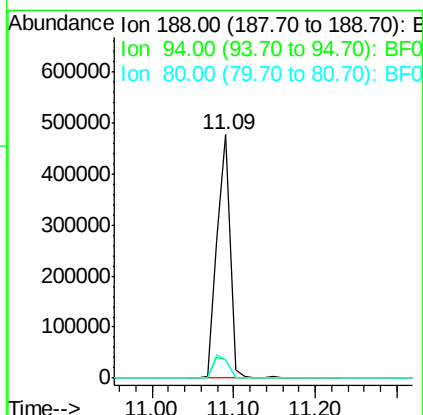
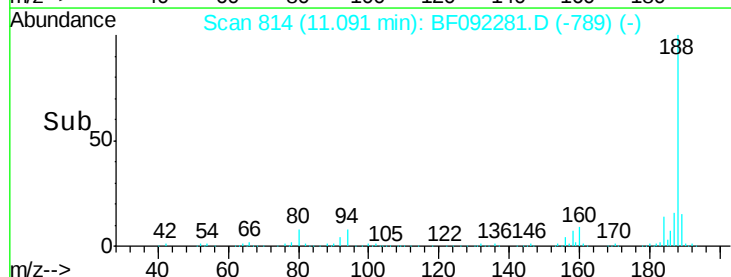
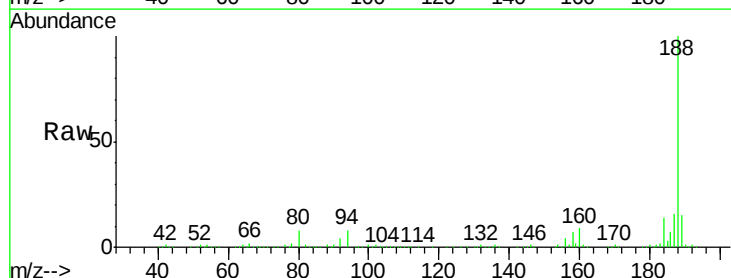
Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

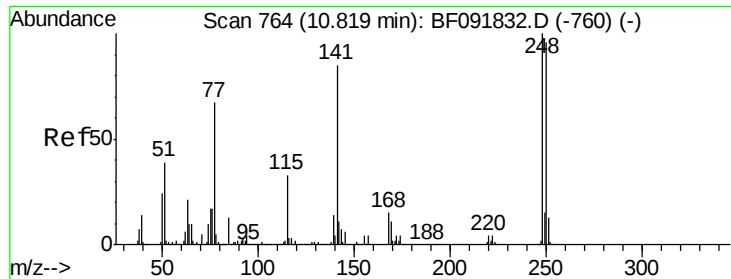
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.09 min Scan# 814
Delta R.T. -0.01 min
Lab File: BF092281.D
Acq: 14 Jan 2017 13:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.5	10.0	15.0#
80	7.5	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 3.30 ng

RT: 10.40 min Scan# 754

Delta R.T. -0.25 min

Lab File: BF092281.D

Acq: 14 Jan 2017 13:23

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

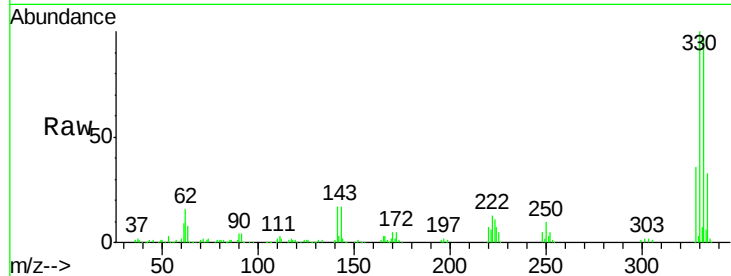
Tgt Ion:248 Resp: 18191

Ion Ratio Lower Upper

248 100

250 201.8 76.9 115.3#

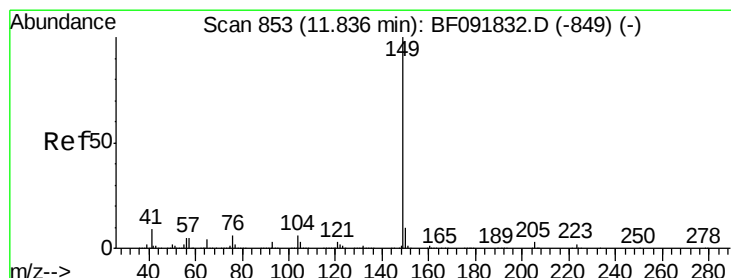
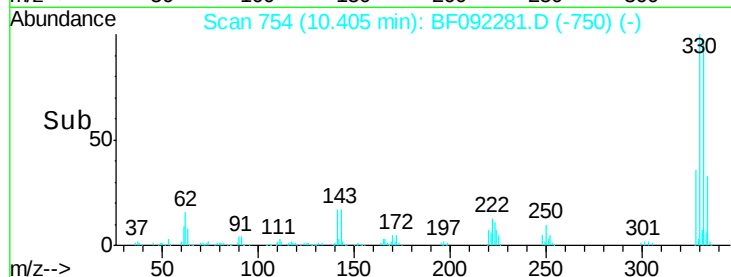
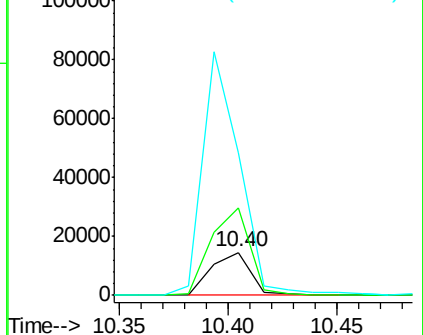
141 330.3 68.2 102.4#



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: 11.66 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF092281.D

Acq: 14 Jan 2017 13:23

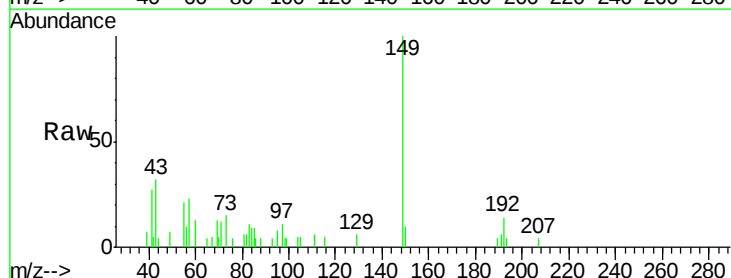
Tgt Ion:149 Resp: 7349

Ion Ratio Lower Upper

149 100

150 10.5 8.1 12.1

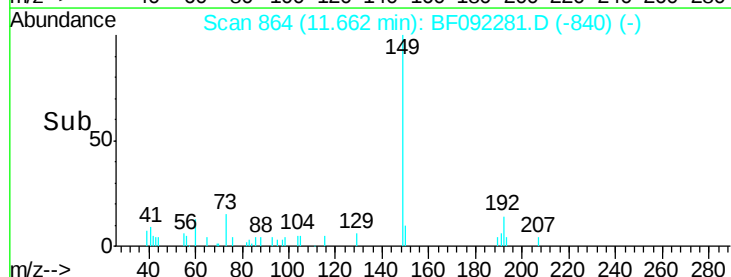
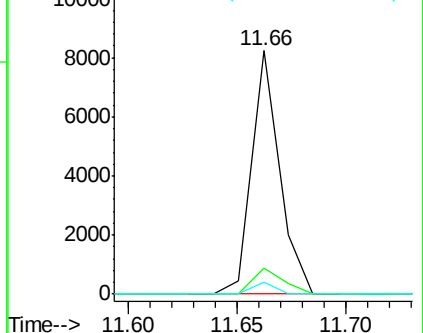
104 5.0 4.6 7.0

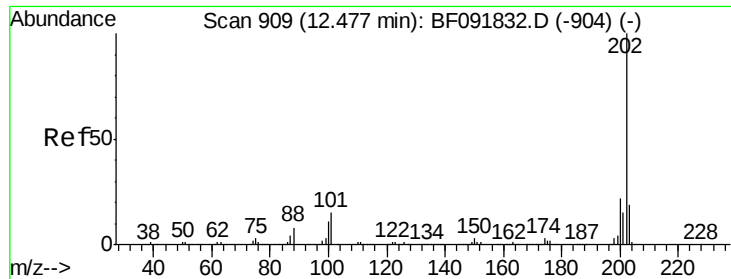


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#74

Fluoranthene

Concen: Below Cal

RT: 12.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF092281.D

Acq: 14 Jan 2017 13:23

Instrument :

BNA_F

ClientSampleId :

SB-09-COMP

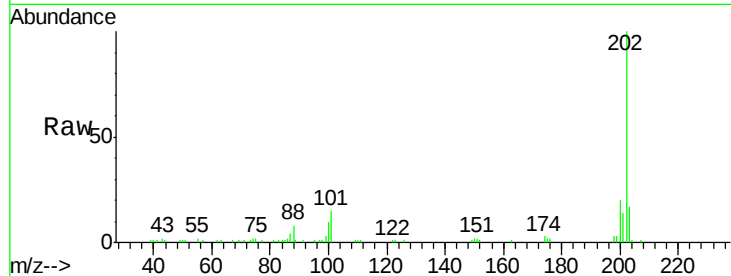
Tgt Ion:202 Resp: 47063

Ion Ratio Lower Upper

202 100

101 15.1 0.0 34.6

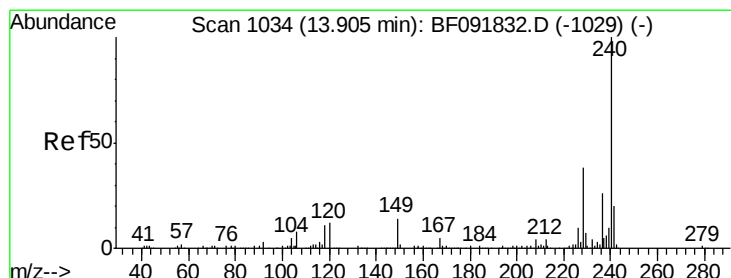
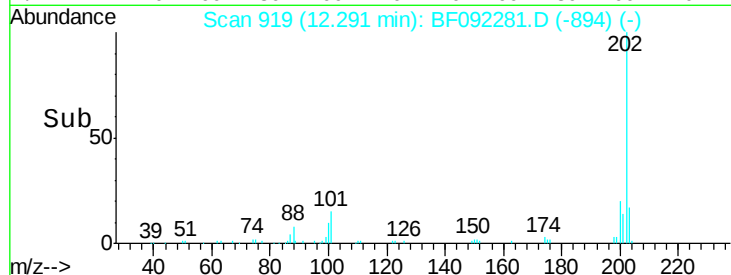
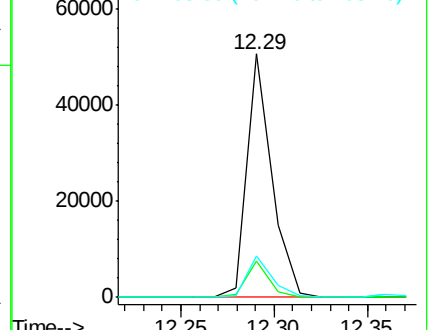
203 16.8 0.0 38.7



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: BF092281.D

Acq: 14 Jan 2017 13:23

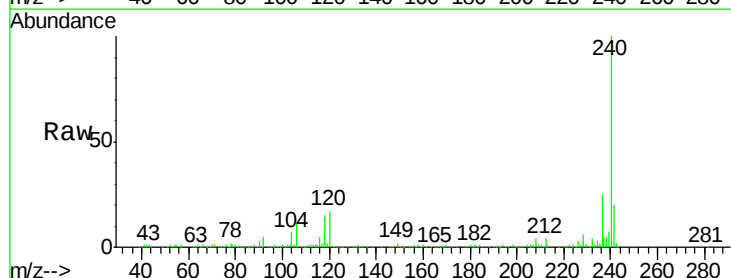
Tgt Ion:240 Resp: 397385

Ion Ratio Lower Upper

240 100

120 17.1 12.9 19.3

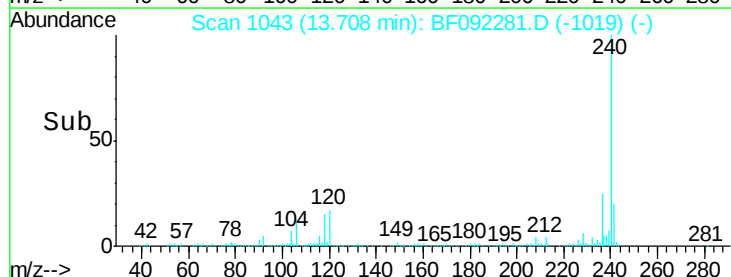
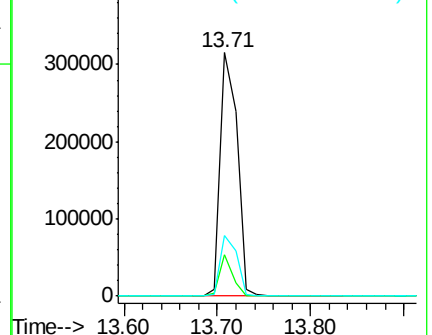
236 24.9 20.9 31.3

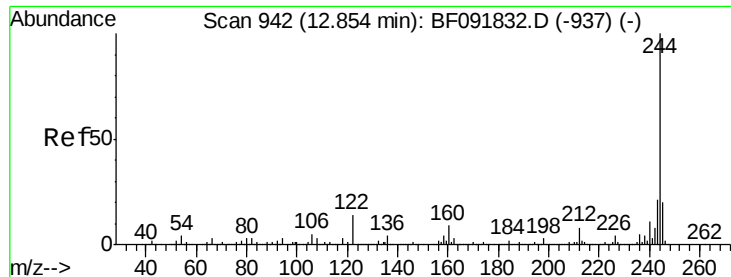


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

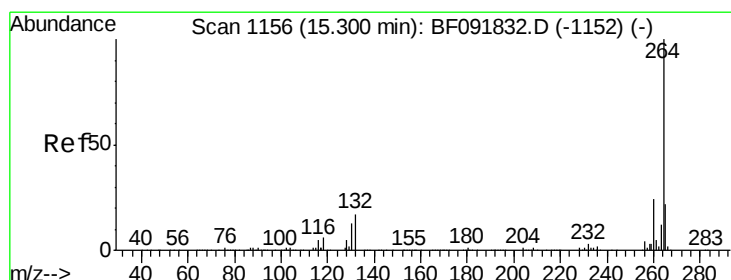
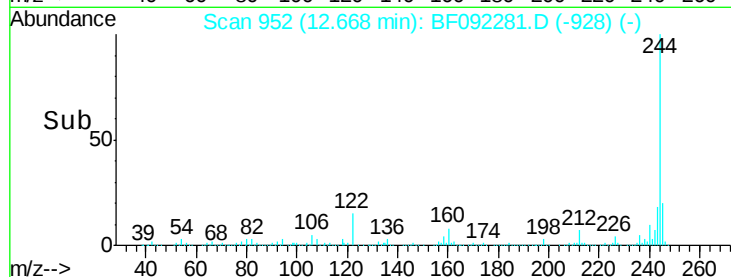
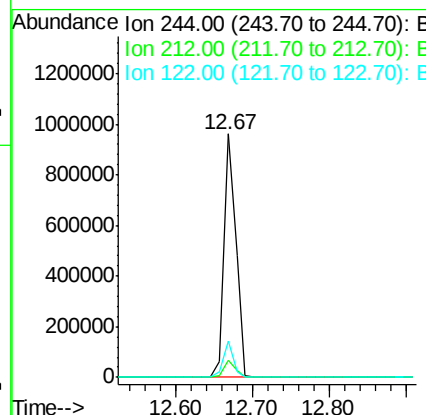
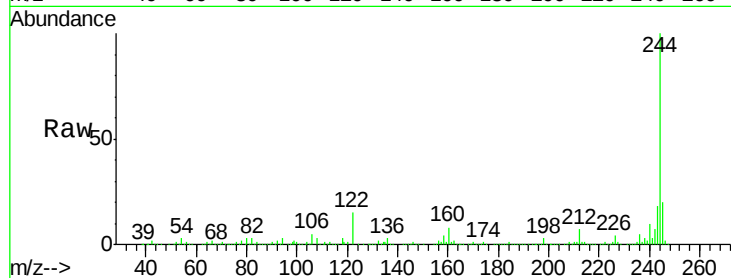




#78
 Terphenyl-d14
 Concen: 63.69 ng
 RT: 12.67 min Scan# 952
 Delta R.T. -0.02 min
 Lab File: BF092281.D
 Acq: 14 Jan 2017 13:23

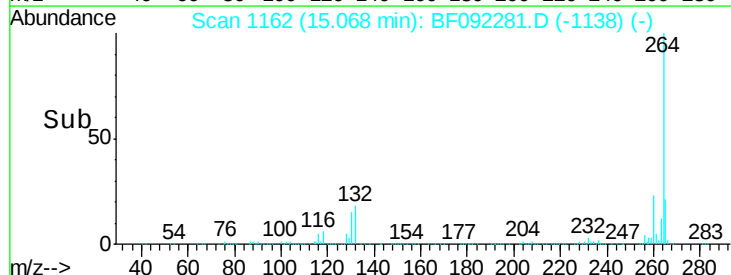
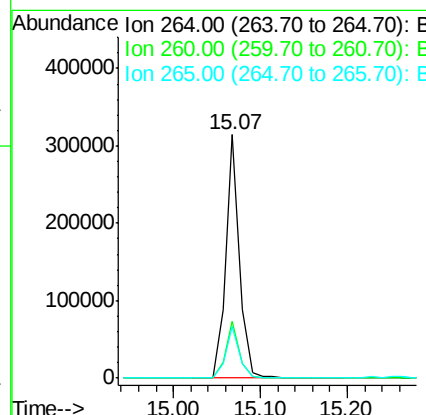
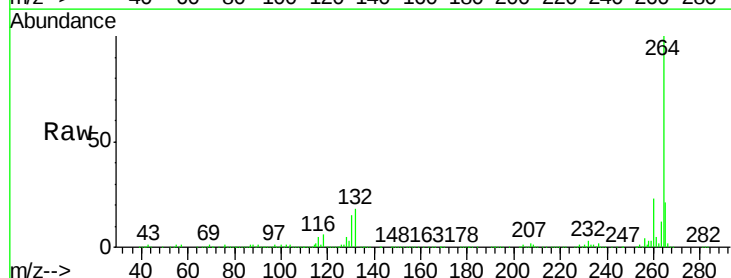
Instrument :
 BNA_F
 ClientSampleId :
 SB-09-COMP

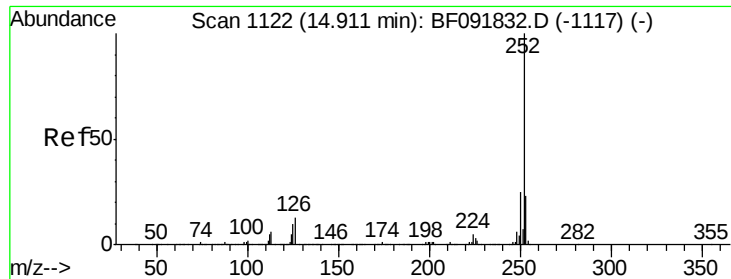
Tgt Ion:244 Resp: 1043641
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.2 9.2
 122 14.7 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.07 min Scan# 1162
 Delta R.T. -0.02 min
 Lab File: BF092281.D
 Acq: 14 Jan 2017 13:23

Tgt Ion:264 Resp: 348989
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.5 17.4 26.0

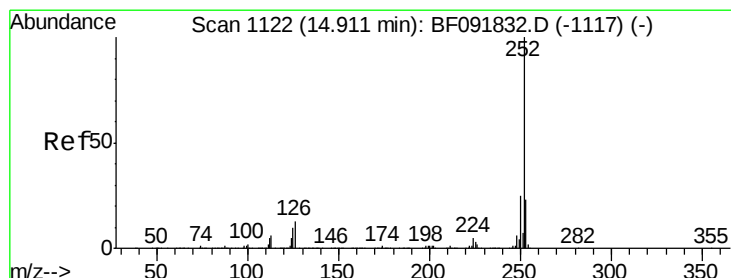
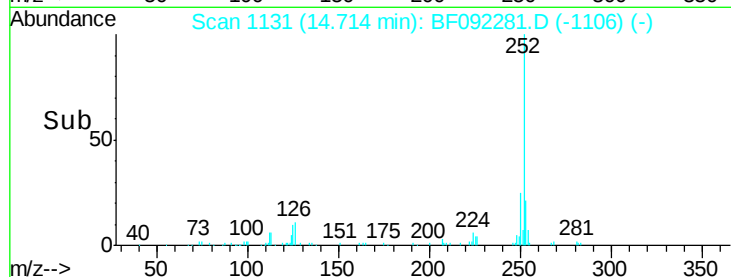
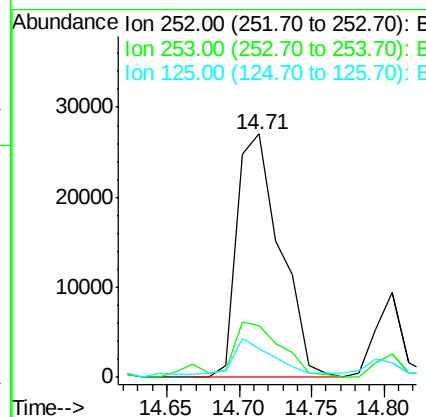
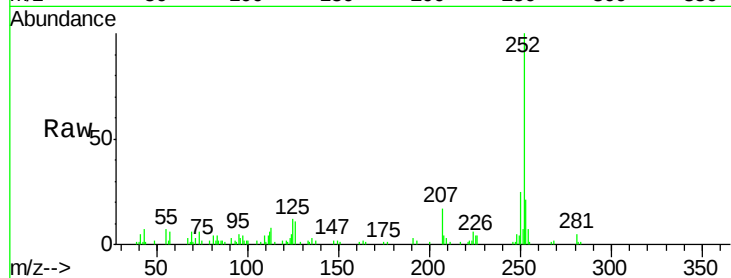




#87
Benzo(b)fluoranthene
Concen: 2.57 ng
RT: 14.71 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BF092281.D
Acq: 14 Jan 2017 13:23

Instrument :
BNA_F
ClientSampleId :
SB-09-COMP

Tgt Ion:252 Resp: 55772
Ion Ratio Lower Upper
252 100
253 21.4 18.2 27.4
125 11.6 9.8 14.6



#88
Benzo(k)fluoranthene
Concen: 3.01 ng
RT: 14.71 min Scan# 1131
Delta R.T. -0.03 min
Lab File: BF092281.D
Acq: 14 Jan 2017 13:23

Tgt Ion:252 Resp: 55772
Ion Ratio Lower Upper
252 100
253 21.4 18.5 27.7
125 11.6 8.9 13.3

