

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012017\
 Data File : BF092381.D
 Acq On : 20 Jan 2017 19:13
 Operator : UM/SJ
 Sample : I1271-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01

Quant Time: Jan 20 22:16:54 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

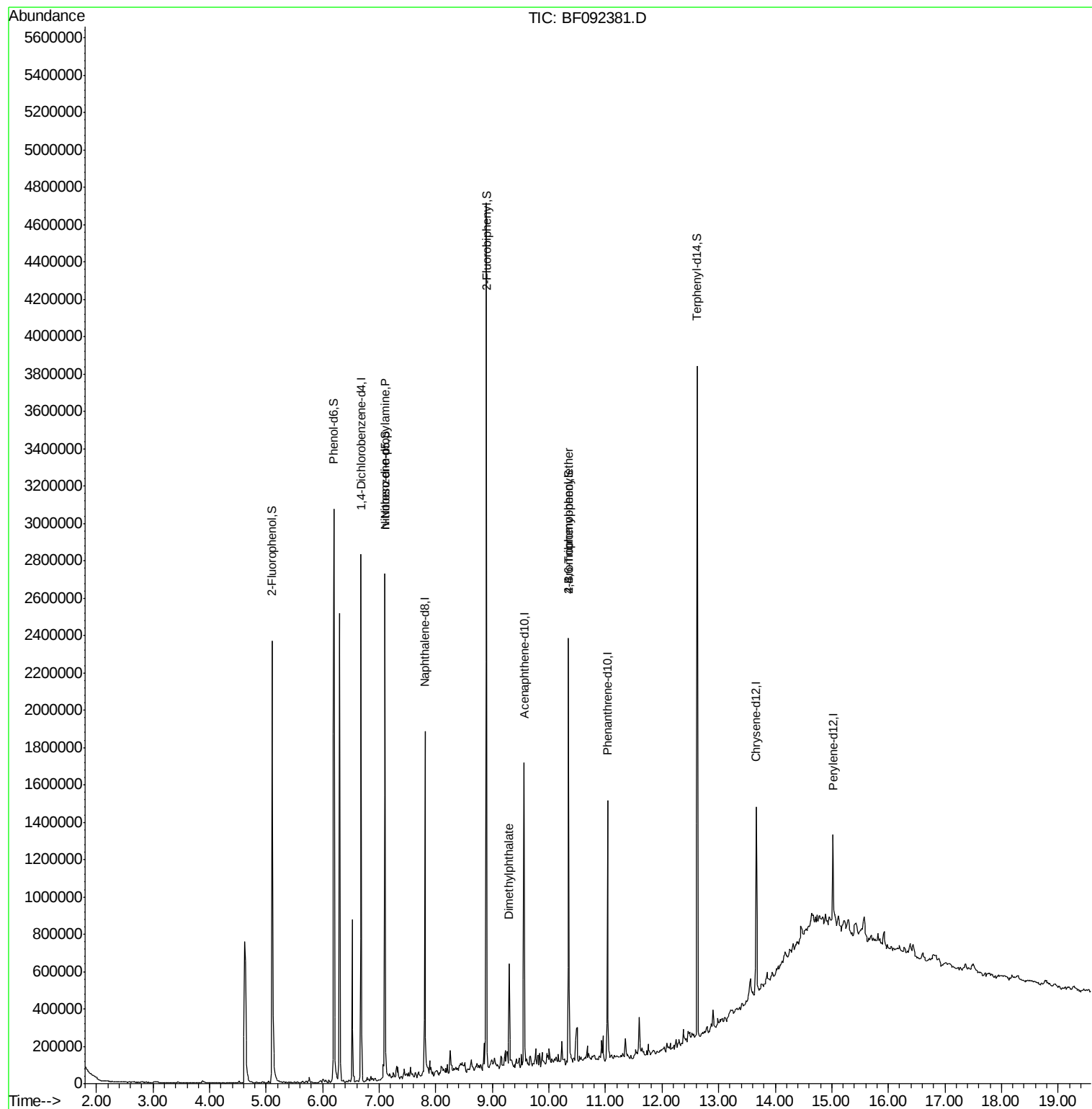
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	422362	20.00	ng	0.04
21) Naphthalene-d8	7.81	136	785647	20.00	ng	-0.12
38) Acenaphthene-d10	9.56	164	359530	20.00	ng	-0.12
63) Phenanthrene-d10	11.03	188	505213	20.00	ng	-0.12
75) Chrysene-d12	13.66	240	386171	20.00	ng	-0.12
86) Perylene-d12	15.02	264	267526	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	5.10	112	963534	38.09	ng	-0.13
7) Phenol-d6	6.20	99	1295776	41.96	ng	-0.11
23) Nitrobenzene-d5	7.10	82	1112877	78.77	ng	-0.11
41) 2,4,6-Tribromophenol	10.35	330	268069	90.10	ng	-0.12
44) 2-Fluorobiphenyl	8.90	172	1652911	95.84	ng	-0.11
78) Terphenyl-d14	12.62	244	1160951	72.91	ng	-0.12
Target Compounds						
9) Benzaldehyde	6.20	77	2537	Below Cal	#	31
19) n-Nitroso-di-n-propylamine	7.10	70	148782	7.24 ng	#	72
49) Dimethylphthalate	9.30	163	209483	9.11 ng		99
66) 4-Bromophenyl-phenylether	10.35	248	17165	3.27 ng	#	1
71) Anthracene	11.11	178	4017	Below Cal	#	83
73) Di-n-butylphthalate	11.62	149	4437	Below Cal	#	75
74) Fluoranthene	12.24	202	18311	Below Cal		93
76) Benzydine	12.47	184	711	Below Cal	#	1

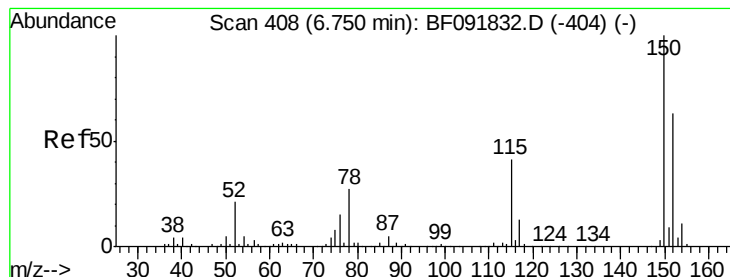
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 428

Delta R.T. 0.04 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

Instrument :

BNA_F

ClientSampled :

SS-01

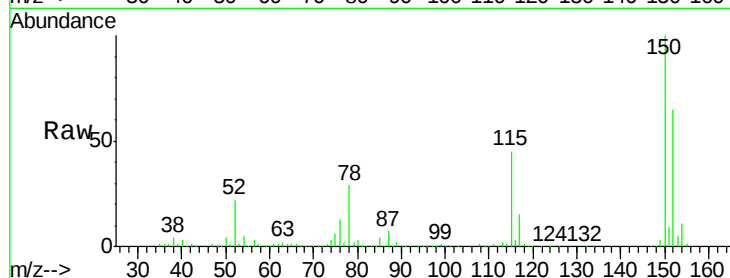
Tgt Ion:152 Resp: 422362

Ion Ratio Lower Upper

152 100

150 153.6 124.9 187.3

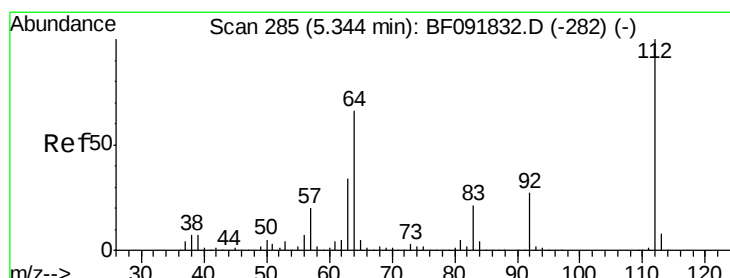
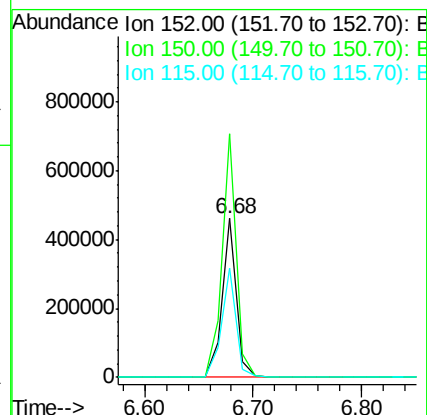
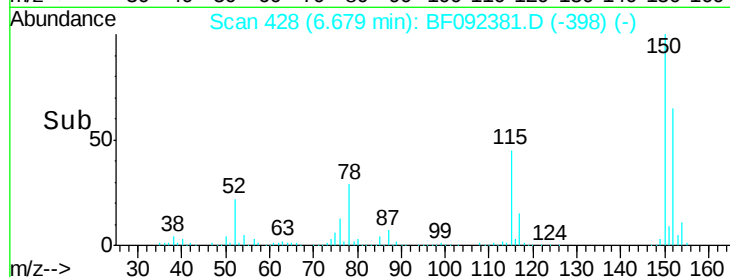
115 68.6 46.0 69.0



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: 38.09 ng

RT: 5.10 min Scan# 290

Delta R.T. -0.13 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

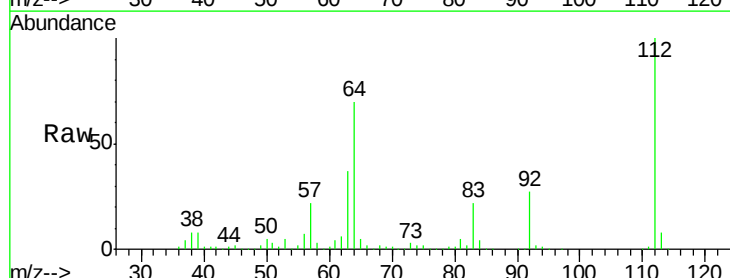
Tgt Ion:112 Resp: 963534

Ion Ratio Lower Upper

112 100

64 70.3 46.1 69.1#

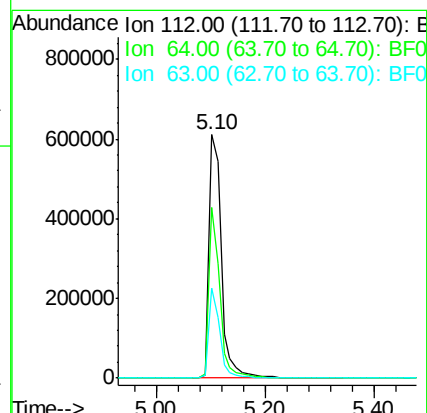
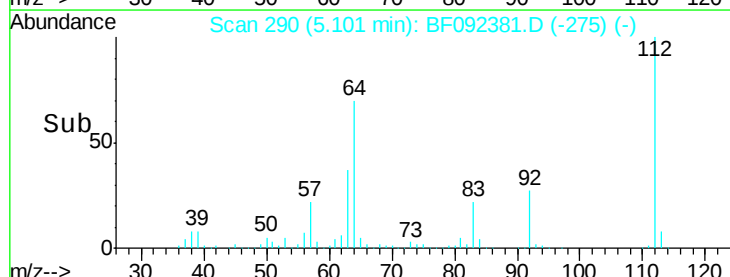
63 37.1 23.8 35.6#



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: 41.96 ng

RT: 6.20 min Scan# 386

Delta R.T. -0.11 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

SS-01

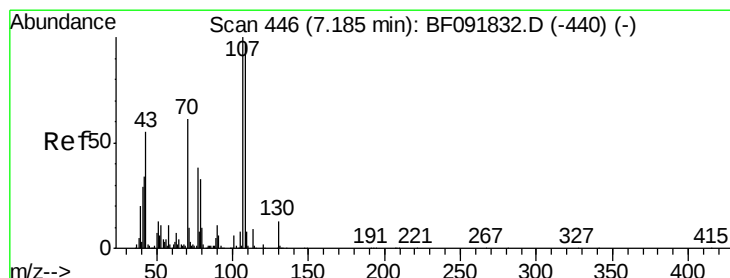
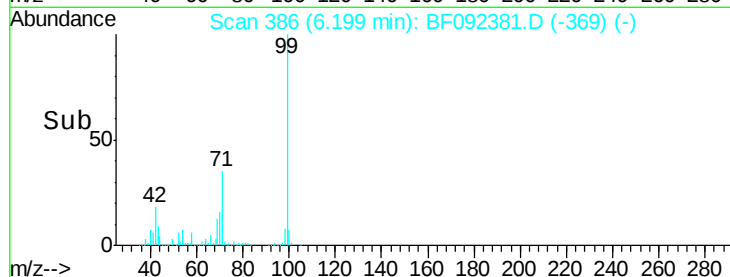
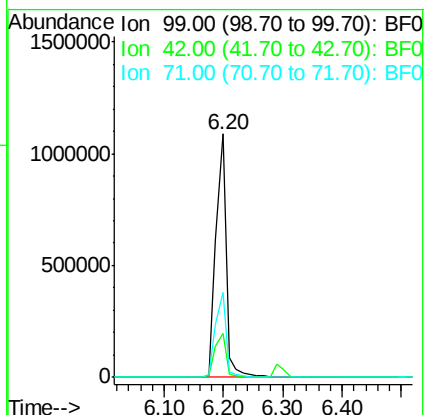
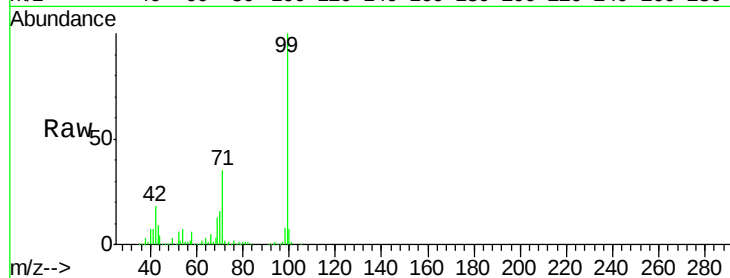
Tgt Ion: 99 Resp: 1295776

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

71 34.7 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 7.24 ng

RT: 7.10 min Scan# 465

Delta R.T. 0.03 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

Tgt Ion: 70 Resp: 148782

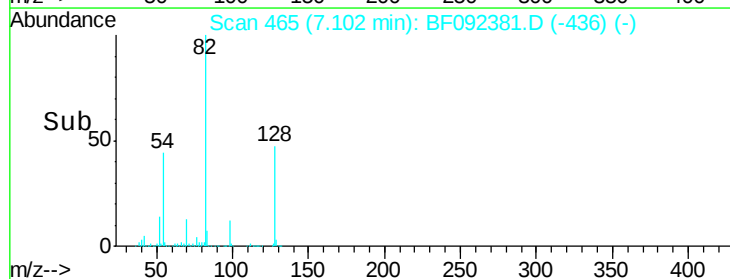
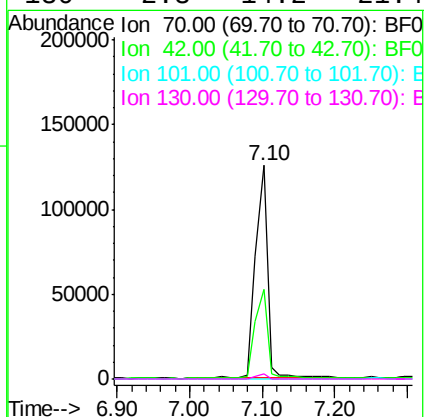
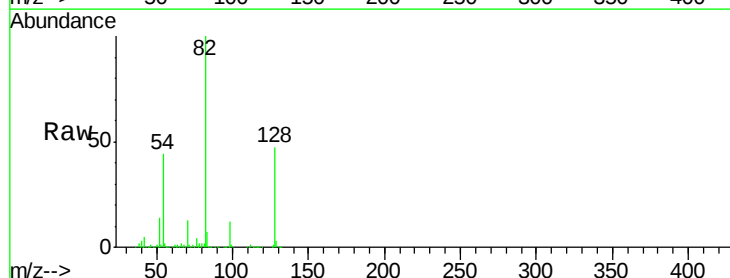
Ion Ratio Lower Upper

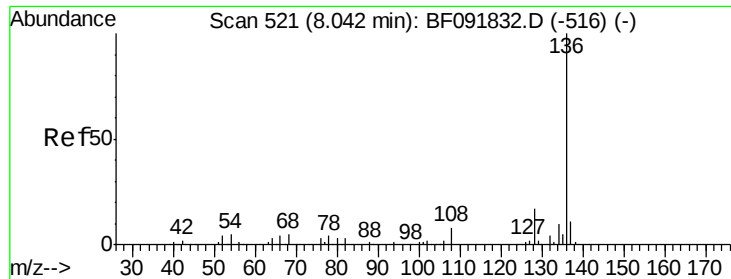
70 100

42 42.0 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

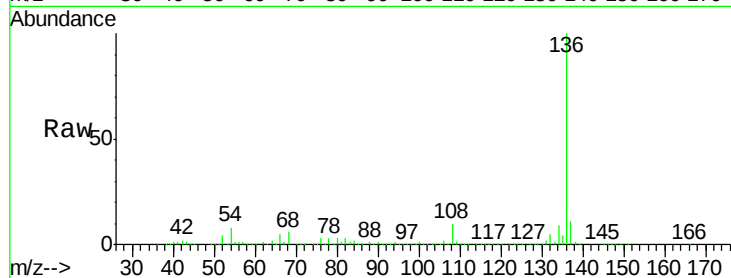




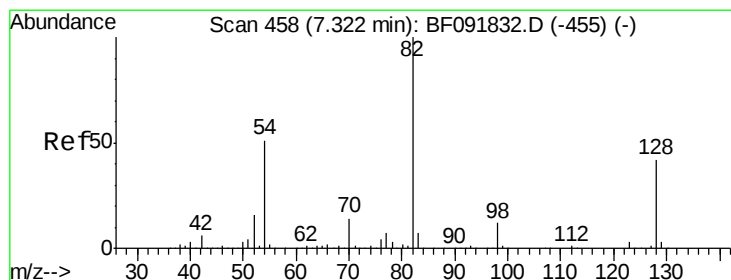
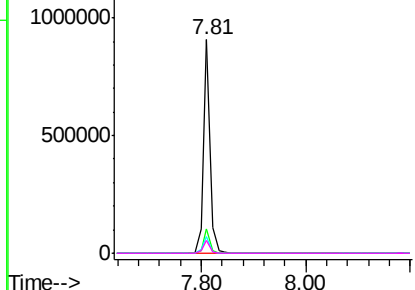
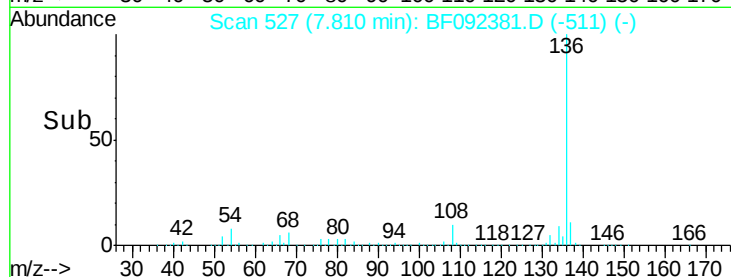
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.81 min Scan# 527
Delta R.T. -0.12 min
Lab File: BF092381.D
Acq: 20 Jan 2017 19:13

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:	136	Resp:	785647
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	7.6	4.5	6.7#
68	6.2	3.6	5.4#

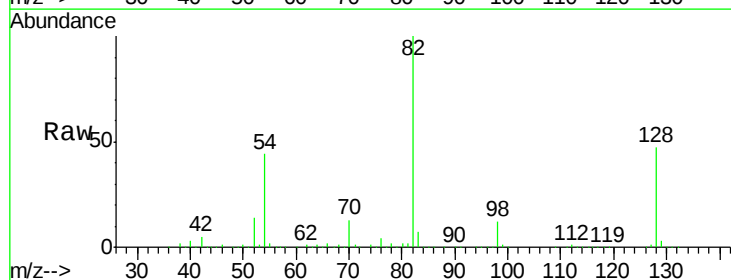


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

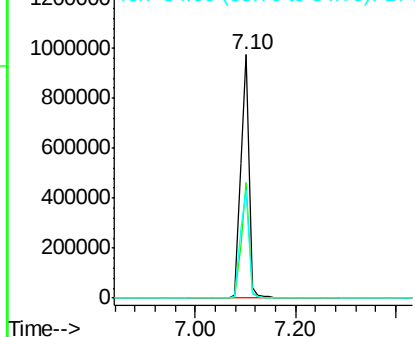
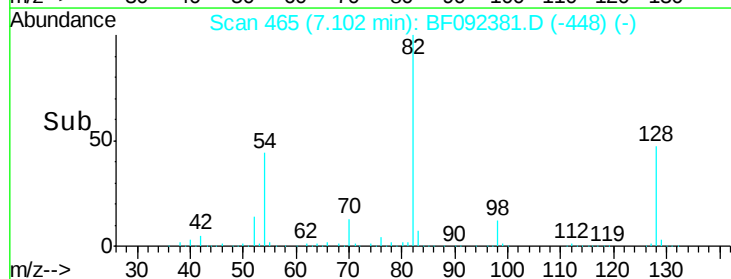


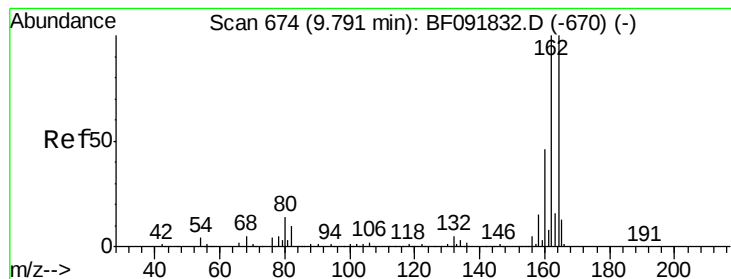
#23
Nitrobenzene-d5
Concen: 78.77 ng
RT: 7.10 min Scan# 465
Delta R.T. -0.11 min
Lab File: BF092381.D
Acq: 20 Jan 2017 19:13

Tgt Ion:	82	Resp:	1112877
Ion	Ratio	Lower	Upper
82	100		
128	47.4	34.6	52.0
54	44.4	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: 9.56 min Scan# 680

Delta R.T. -0.12 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

SS-01

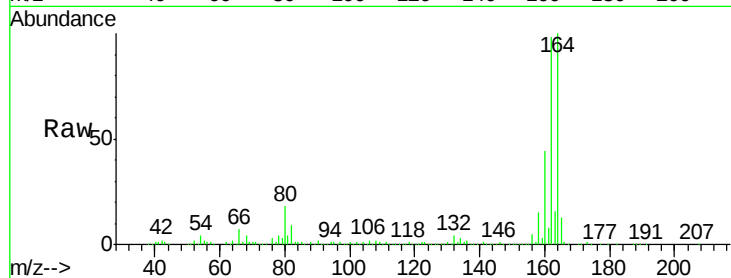
Tgt Ion:164 Resp: 359530

Ion Ratio Lower Upper

164 100

162 98.3 80.2 120.2

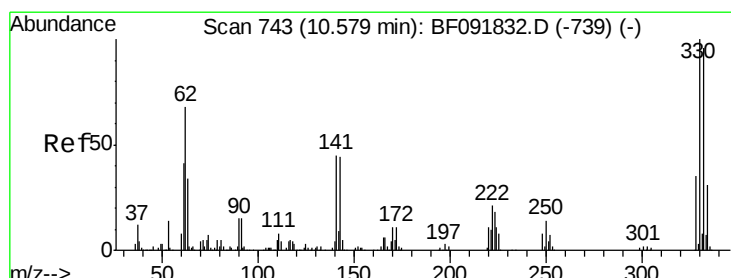
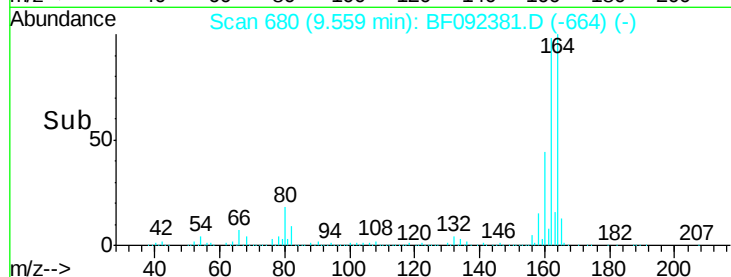
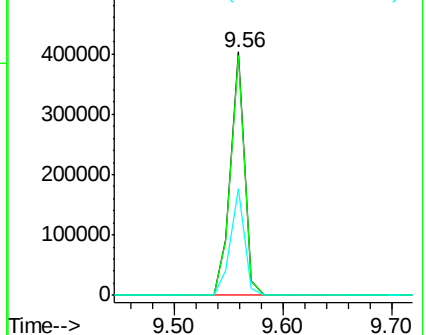
160 44.0 36.9 55.3



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: 90.10 ng

RT: 10.35 min Scan# 749

Delta R.T. -0.12 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

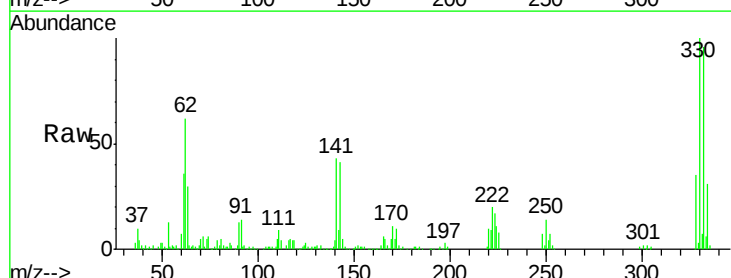
Tgt Ion:330 Resp: 268069

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

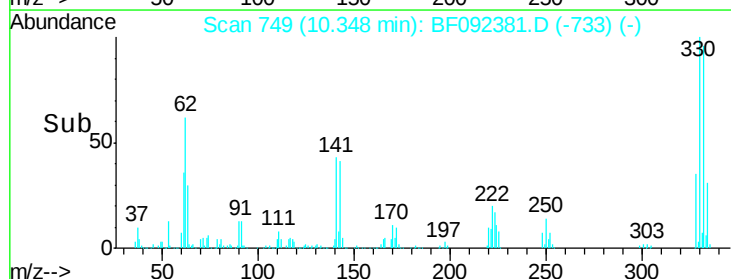
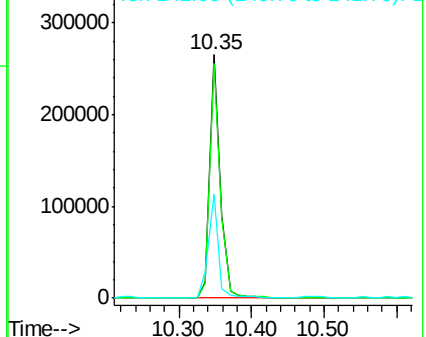
141 39.9 34.1 51.1

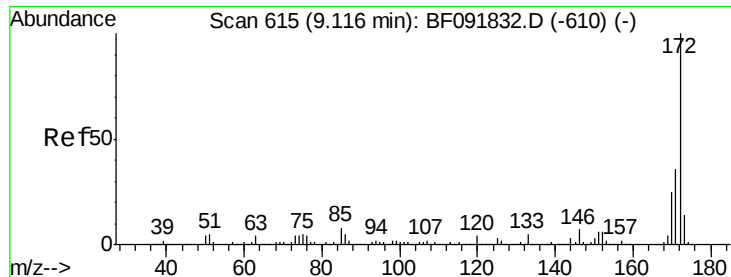


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

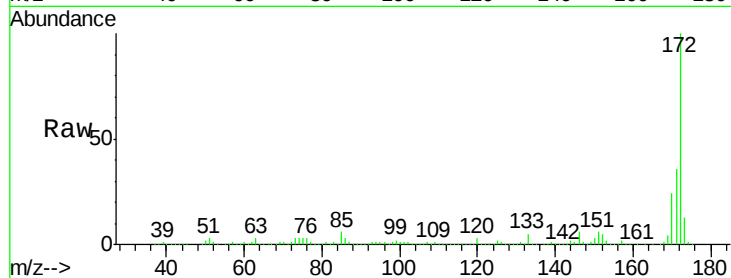




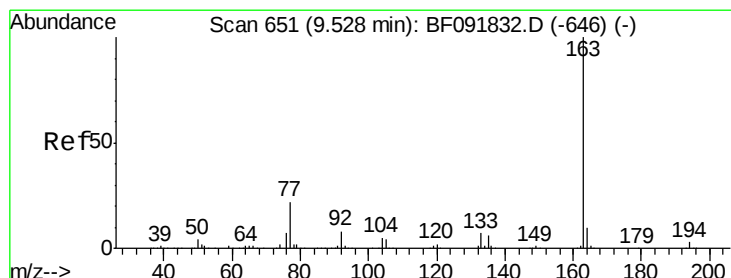
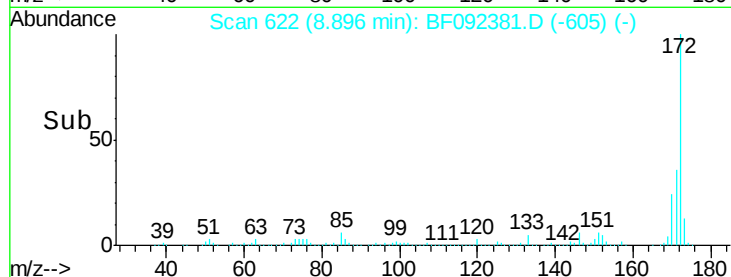
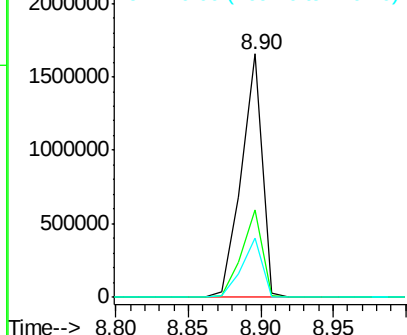
#44
2-Fluorobiphenyl
Concen: 95.84 ng
RT: 8.90 min Scan# 622
Delta R.T. -0.11 min
Lab File: BF092381.D
Acq: 20 Jan 2017 19:13

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion:172 Resp: 1652911
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.4 20.2 30.4

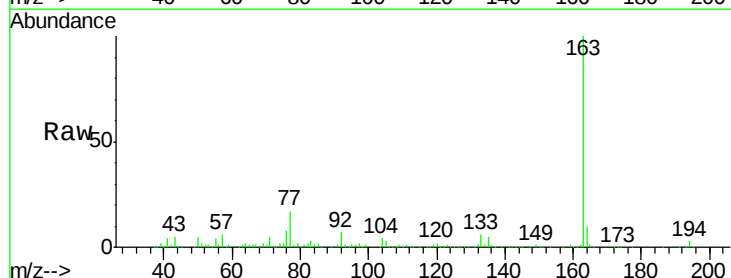


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

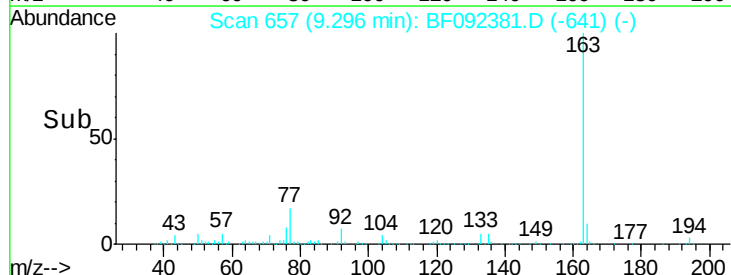
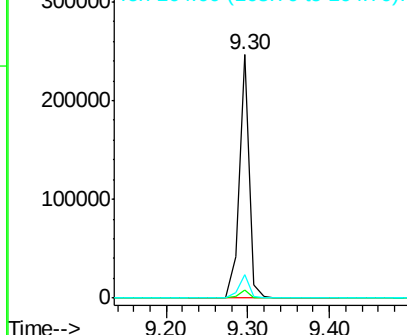


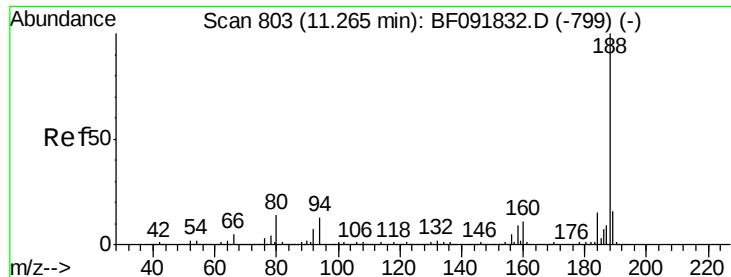
#49
Dimethylphthalate
Concen: 9.11 ng
RT: 9.30 min Scan# 657
Delta R.T. -0.12 min
Lab File: BF092381.D
Acq: 20 Jan 2017 19:13

Tgt Ion:163 Resp: 209483
Ion Ratio Lower Upper
163 100
194 3.2 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

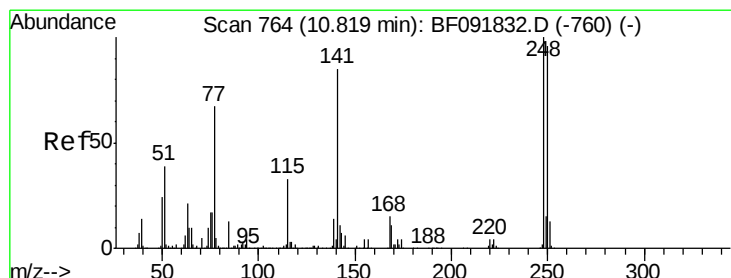
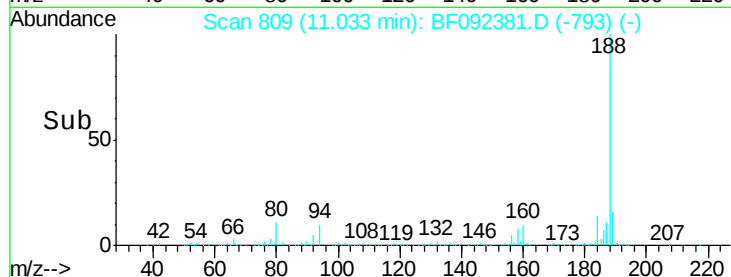
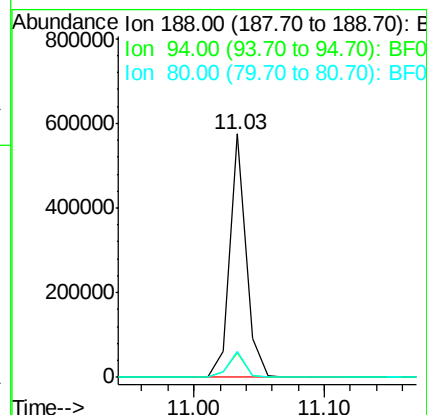
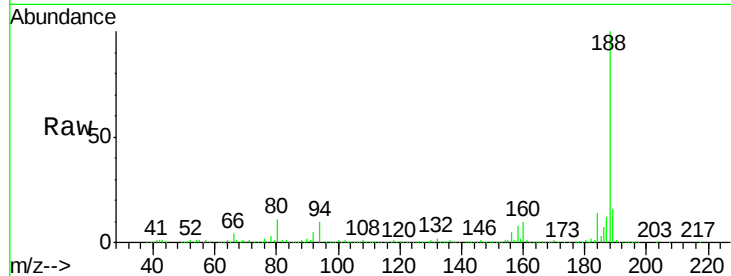




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 809
Delta R.T. -0.12 min
Lab File: BF092381.D
Acq: 20 Jan 2017 19:13

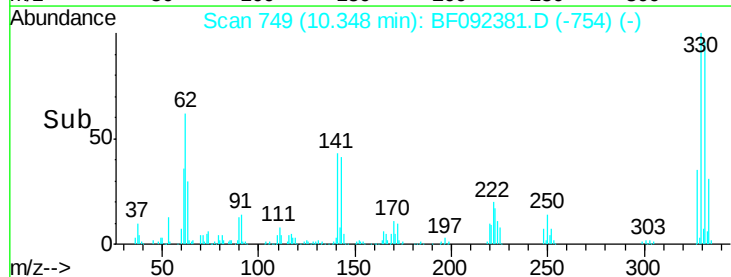
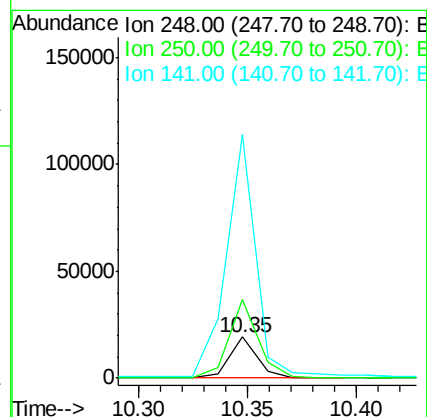
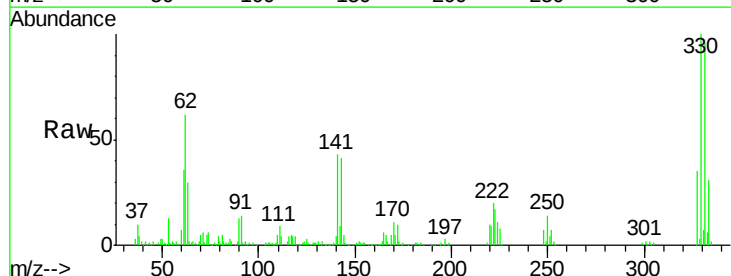
Instrument :
BNA_F
ClientSampleId :
SS-01

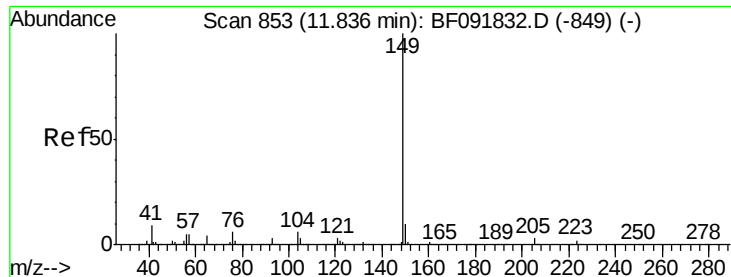
Tgt Ion:188 Resp: 505213
Ion Ratio Lower Upper
188 100
94 10.1 10.0 15.0
80 10.9 11.2 16.8#



#66
4-Bromophenyl-phenylether
Concen: 3.27 ng
RT: 10.35 min Scan# 749
Delta R.T. -0.36 min
Lab File: BF092381.D
Acq: 20 Jan 2017 19:13

Tgt Ion:248 Resp: 17165
Ion Ratio Lower Upper
248 100
250 190.0 76.9 115.3#
141 591.9 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.62 min Scan# 860

Delta R.T. -0.11 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

SS-01

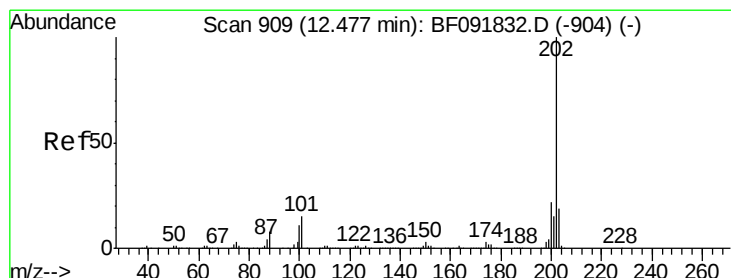
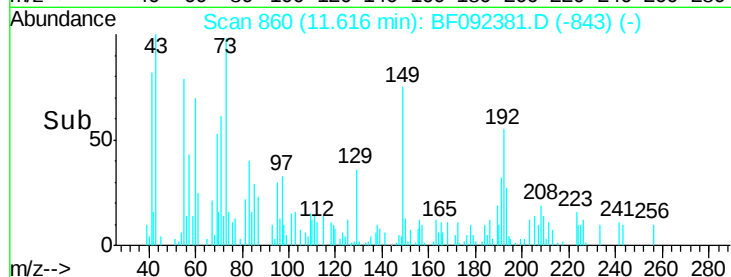
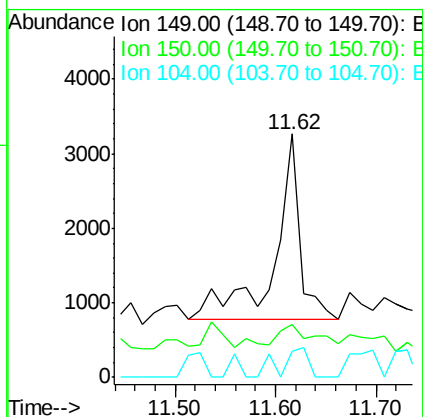
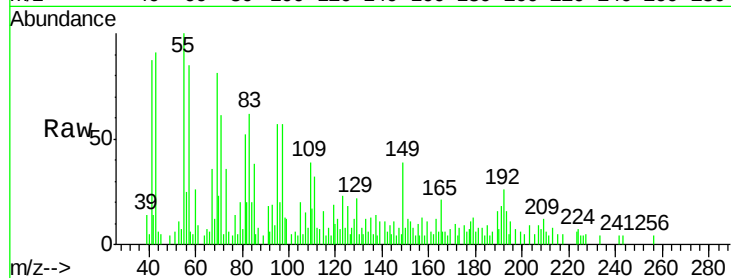
Tgt Ion:149 Resp: 4437

Ion Ratio Lower Upper

149 100

150 21.9 8.1 12.1#

104 10.5 4.6 7.0#



#74

Fluoranthene

Concen: Below Cal

RT: 12.24 min Scan# 915

Delta R.T. -0.12 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

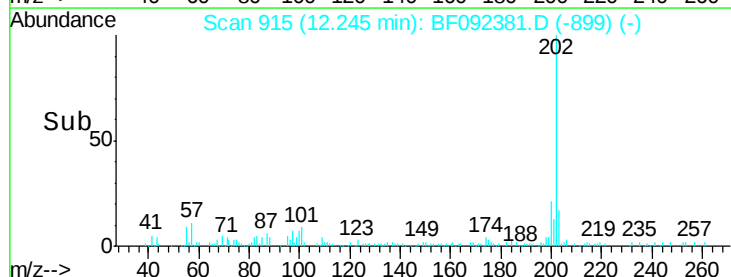
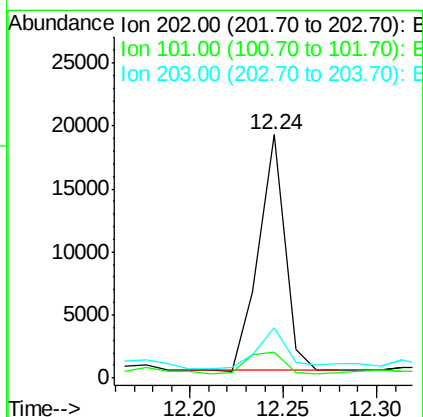
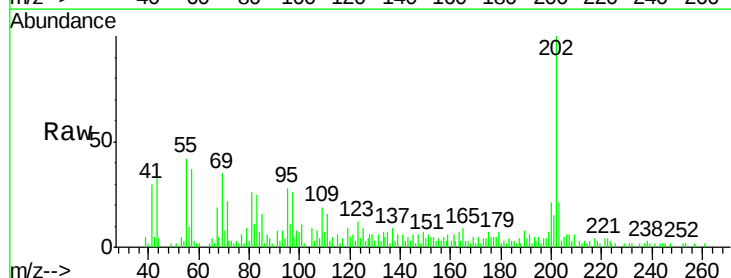
Tgt Ion:202 Resp: 18311

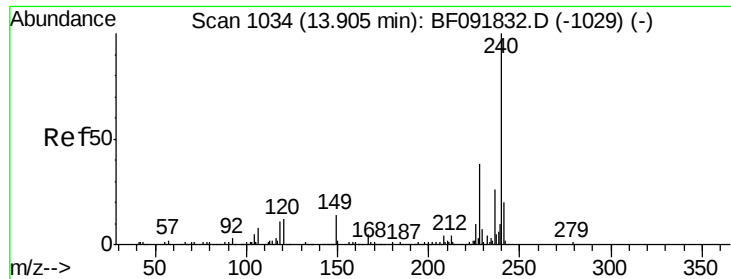
Ion Ratio Lower Upper

202 100

101 10.8 0.0 34.6

203 20.8 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.66 min Scan# 1039

Delta R.T. -0.12 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

Instrument :

BNA_F

ClientSampleId :

SS-01

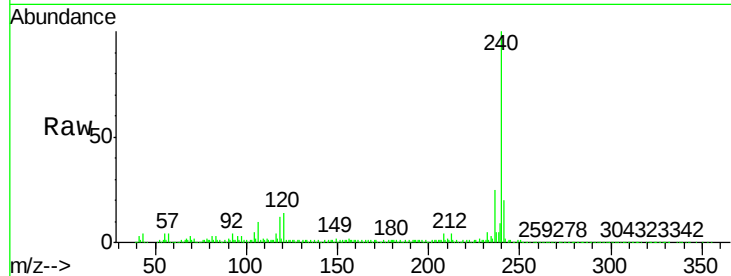
Tgt Ion:240 Resp: 386171

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

236 25.4 20.9 31.3

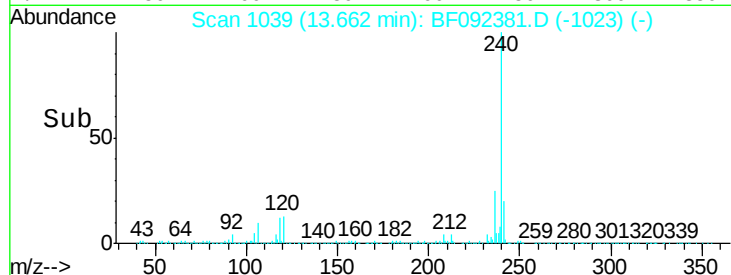


Abundance Ion 240.00 (239.70 to 240.70): E

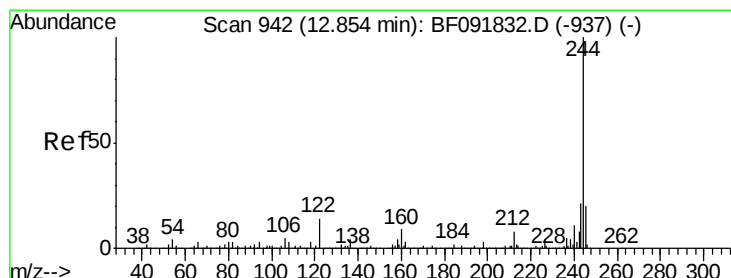
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.66



Time-->



#78

Terphenyl-d14

Concen: 72.91 ng

RT: 12.62 min Scan# 948

Delta R.T. -0.12 min

Lab File: BF092381.D

Acq: 20 Jan 2017 19:13

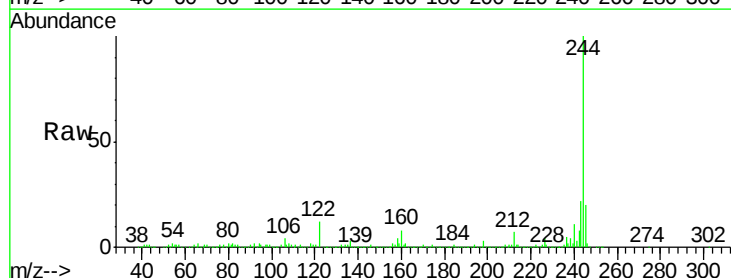
Tgt Ion:244 Resp: 1160951

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

122 12.3 11.4 17.2

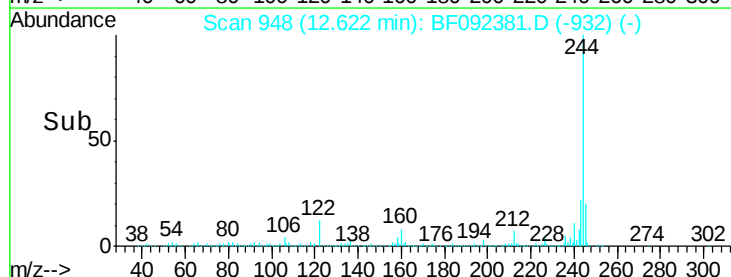


Abundance Ion 244.00 (243.70 to 244.70): E

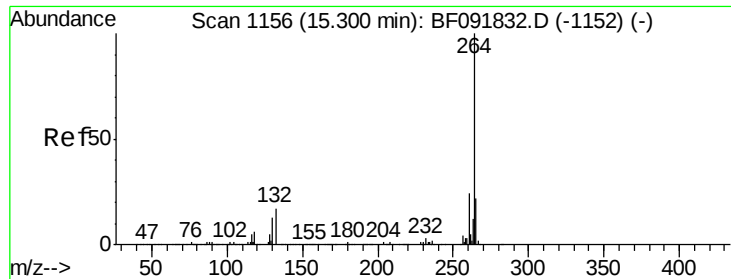
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.62



Time-->



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.02 min Scan# 1158
Delta R.T. -0.12 min
Lab File: BF092381.D
Acq: 20 Jan 2017 19:13

Instrument :
BNA_F
ClientSampleId :
SS-01

Tgt Ion: 264 Resp: 267526

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.9	17.4	26.0

