

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011617\
 Data File : BF092288.D
 Acq On : 16 Jan 2017 16:42
 Operator : UM/SJ
 Sample : PB96012BL
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BL

Quant Time: Jan 17 00:43:42 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	6.56	152	197314	20.00	ng	-0.08
21) Naphthalene-d8	7.84	136	813695	20.00	ng	-0.09
38) Acenaphthene-d10	9.59	164	459956	20.00	ng	-0.09
63) Phenanthrene-d10	11.07	188	784233	20.00	ng	-0.09
75) Chrysene-d12	13.70	240	717362	20.00	ng	-0.09
86) Perylene-d12	15.05	264	610636	20.00	ng	-0.10

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.16	112	874741	74.02	ng	-0.08
7) Phenol-d6	6.22	99	1085107	75.21	ng	-0.09
23) Nitrobenzene-d5	7.14	82	1235353	84.42	ng	-0.08
41) 2,4,6-Tribromophenol	10.38	330	242922	63.82	ng	-0.09
44) 2-Fluorobiphenyl	8.93	172	1992755	89.44	ng	-0.08
78) Terphenyl-d14	12.66	244	1809237	61.17	ng	-0.09

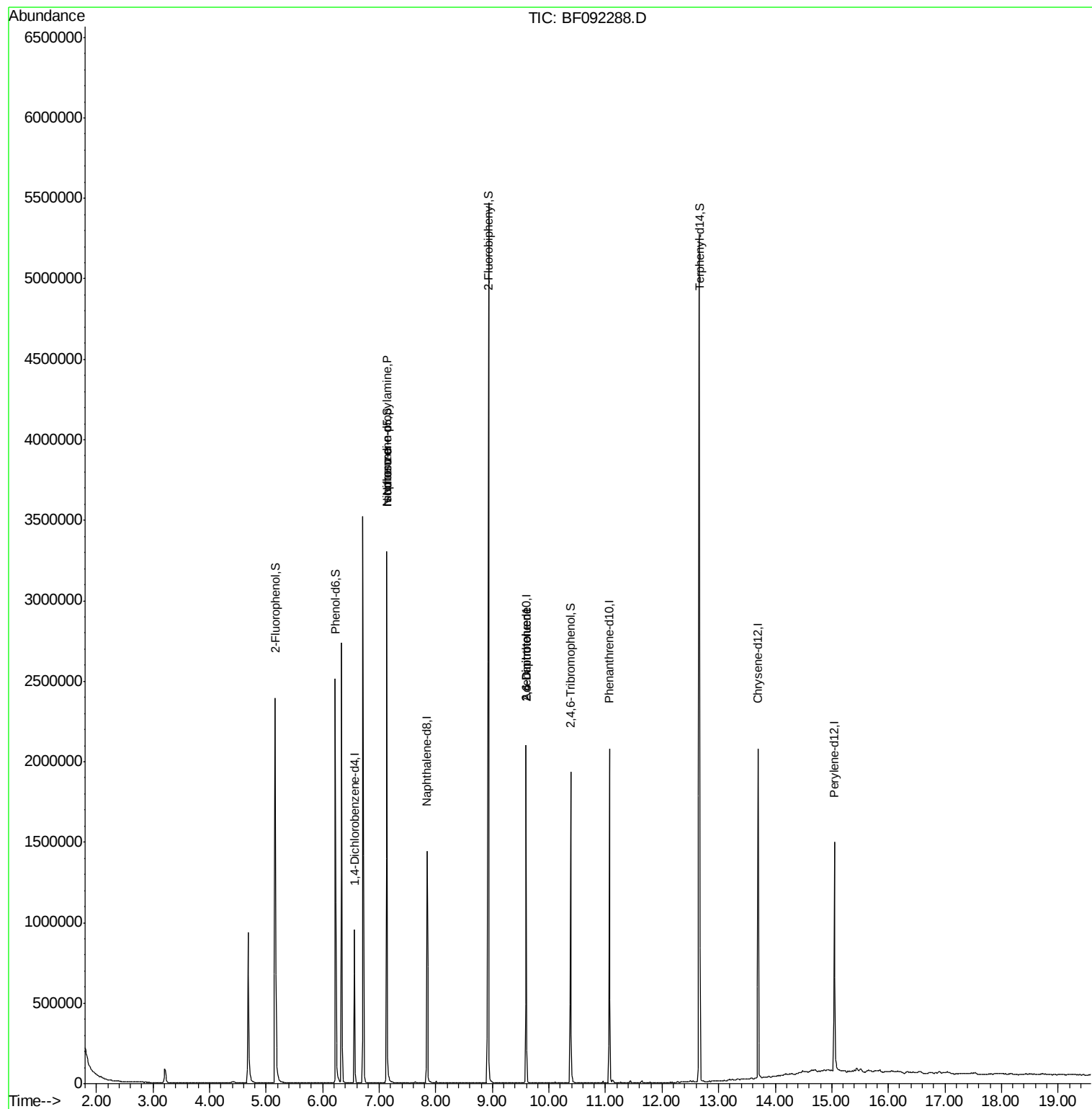
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.22	77	1330	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.14	70	163131	17.00 ng	#	74
25) Isophorone	7.14	82	1232281	45.64 ng	#	65
50) 2,6-Dinitrotoluene	9.59	165	60426	9.38 ng	#	30
56) 2,4-Dinitrotoluene	9.59	165	60430	7.48 ng	#	19
71) Anthracene	11.15	178	1111	Below Cal	#	59
73) Di-n-butylphthalate	11.65	149	11115	Below Cal		97
74) Fluoranthene	12.28	202	1330	Below Cal		83
76) Benzydine	12.66	184	23186	Below Cal		97

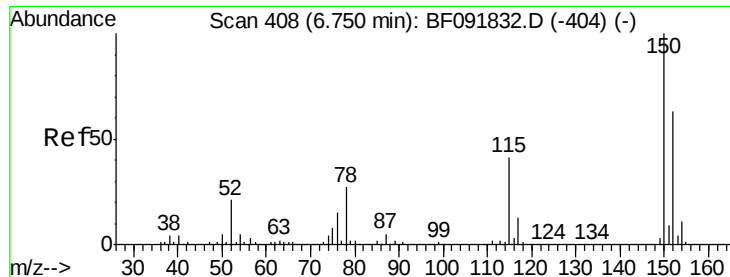
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.56 min Scan# 418

Delta R.T. -0.08 min

Lab File: BF092288.D

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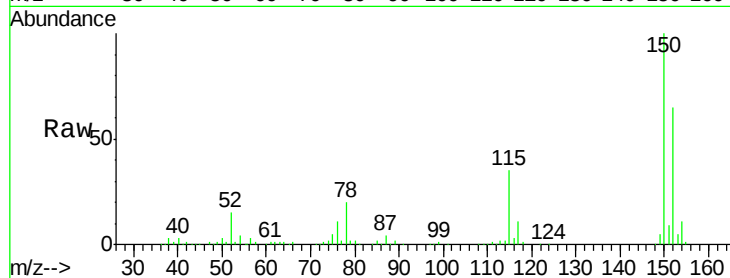
Tgt Ion:152 Resp: 197314

Ion Ratio Lower Upper

152 100

150 154.4 124.9 187.3

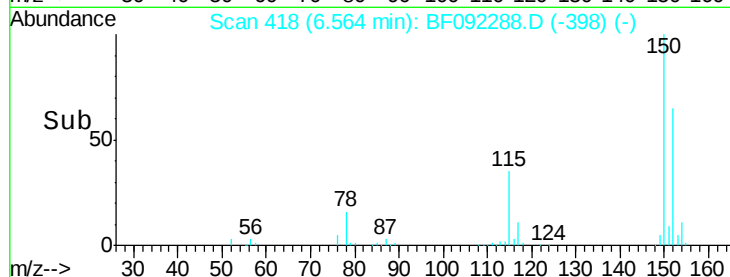
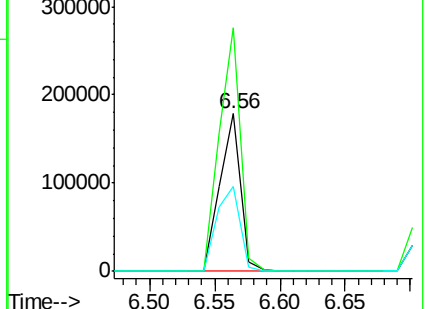
115 53.7 46.0 69.0



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: 74.02 ng

RT: 5.16 min Scan# 295

Delta R.T. -0.08 min

Lab File: BF092288.D

Acq: 16 Jan 2017 16:42

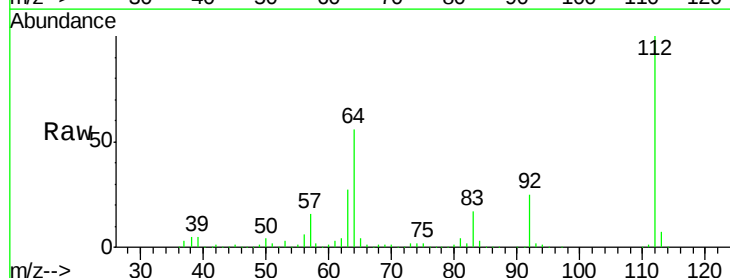
Tgt Ion:112 Resp: 874741

Ion Ratio Lower Upper

112 100

64 56.5 46.1 69.1

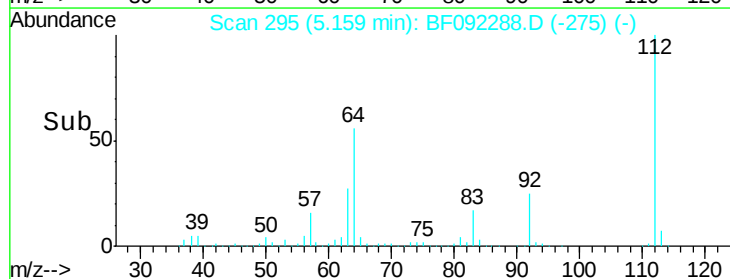
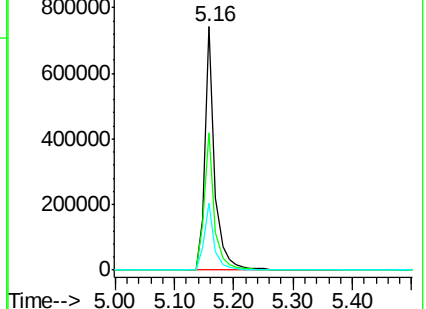
63 27.3 23.8 35.6



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: 75.21 ng

RT: 6.22 min Scan# 388

Delta R.T. -0.09 min

Lab File: BF092288.D

Acq: 16 Jan 2017 16:42

Instrument :

BNA_F

ClientSampleId :

PB96013BL

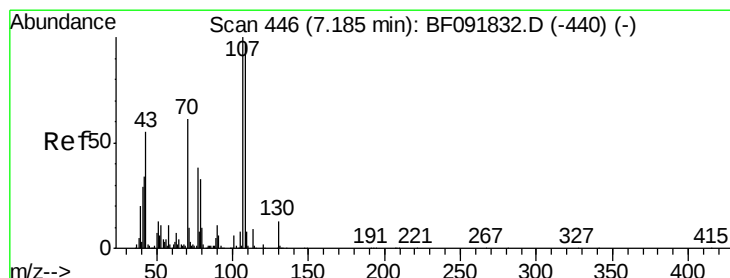
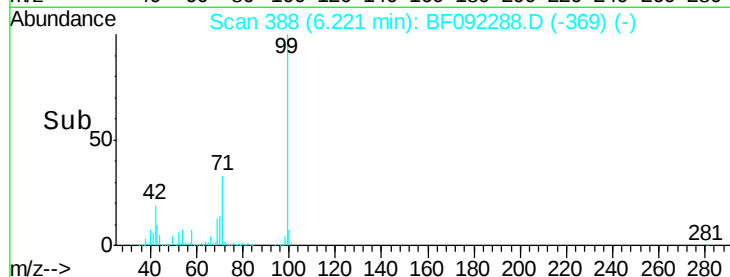
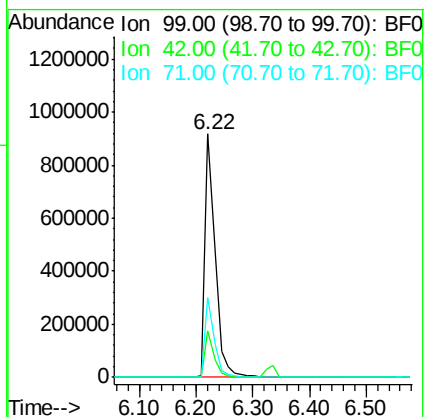
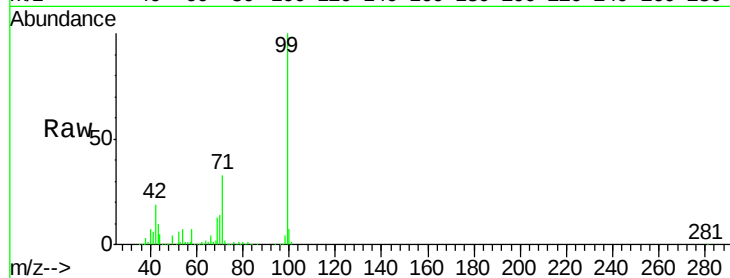
Tgt Ion: 99 Resp: 1085107

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

71 32.6 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.00 ng

RT: 7.14 min Scan# 468

Delta R.T. 0.06 min

Lab File: BF092288.D

Acq: 16 Jan 2017 16:42

Tgt Ion: 70 Resp: 163131

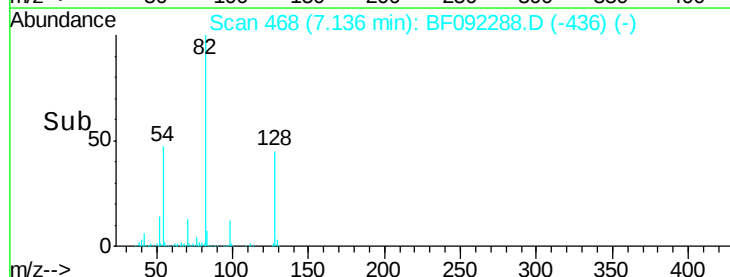
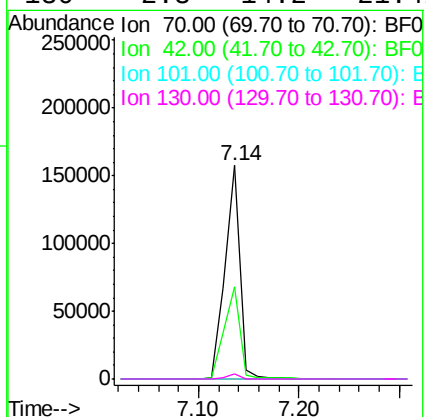
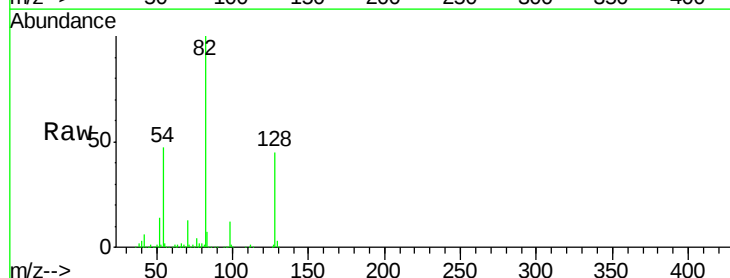
Ion Ratio Lower Upper

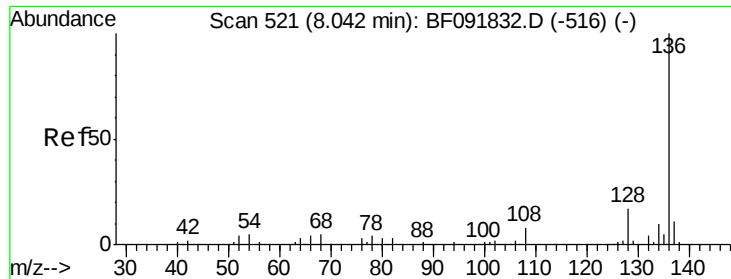
70 100

42 43.2 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

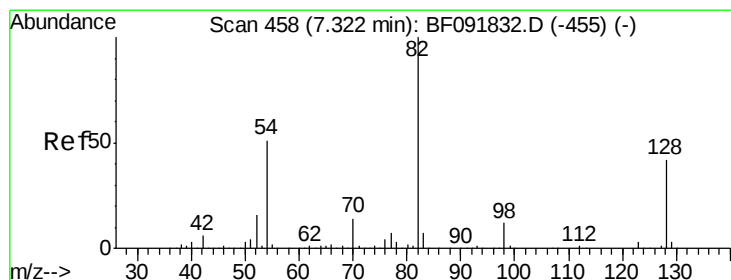
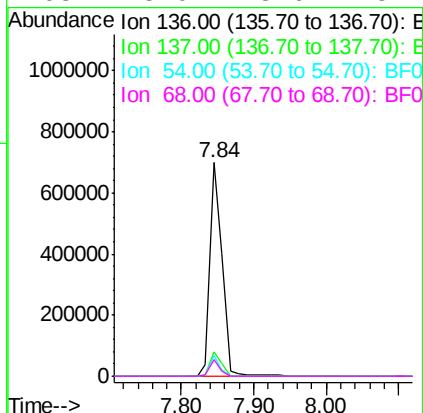
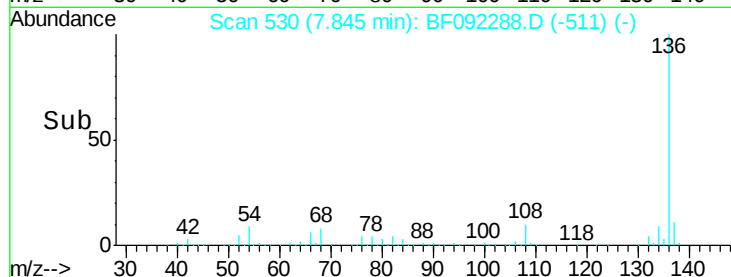
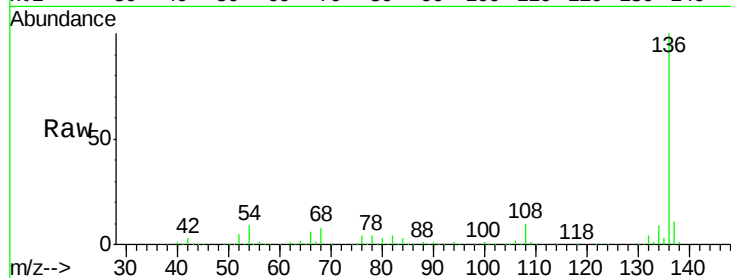




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.84 min Scan# 530
Delta R.T. -0.09 min
Lab File: BF092288.D
Acq: 16 Jan 2017 16:42

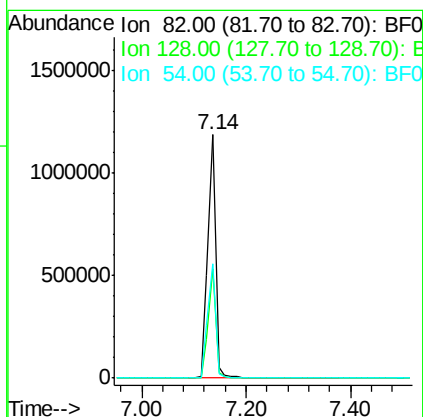
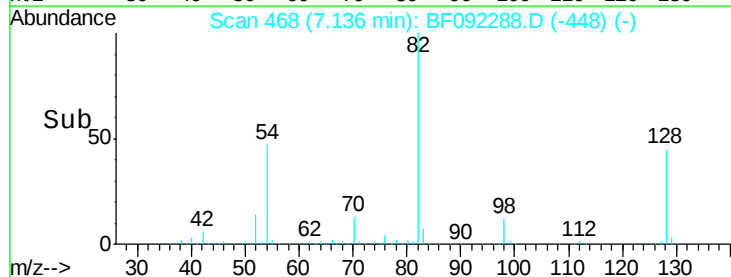
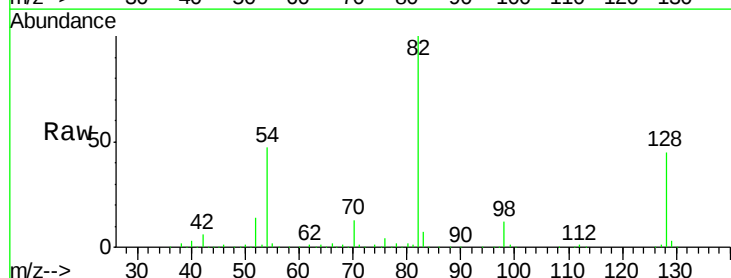
Instrument :
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PB96013BL

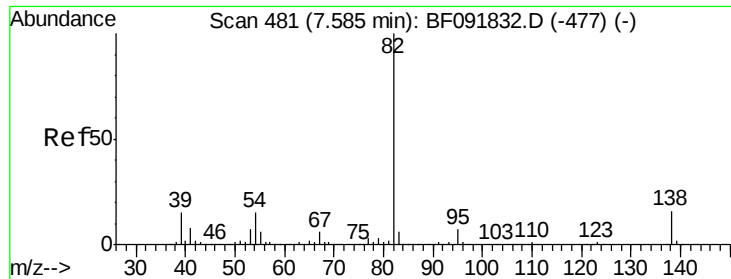
Tgt Ion: 136 Resp: 813695
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.4 4.5 6.7#
68 8.0 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 84.42 ng
RT: 7.14 min Scan# 468
Delta R.T. -0.08 min
Lab File: BF092288.D
Acq: 16 Jan 2017 16:42

Tgt Ion: 82 Resp: 1235353
Ion Ratio Lower Upper
82 100
128 44.9 34.6 52.0
54 47.2 39.5 59.3





#25

Isophorone

Concen: 45.64 ng

RT: 7.14 min Scan# 468

Delta R.T. -0.34 min

Lab File: BF092288.D

Acq: 16 Jan 2017 16:42

Instrument :

BNA_F

ClientSampleId :

PB96013BL

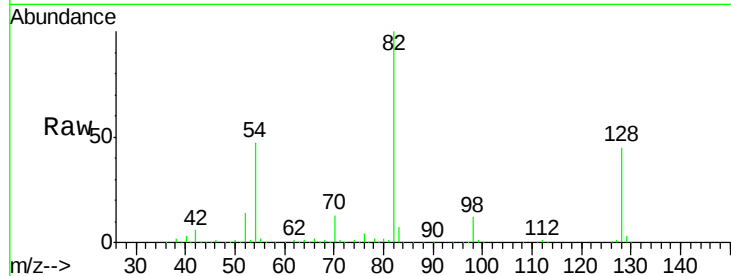
Tgt Ion: 82 Resp: 1232281

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

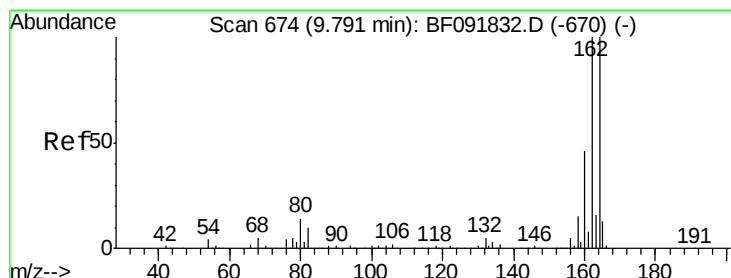
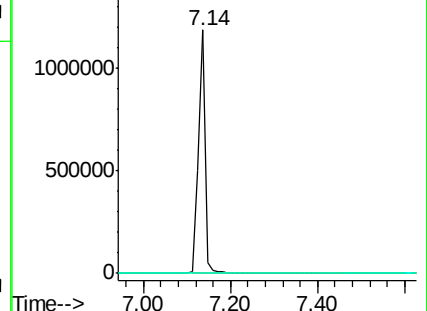
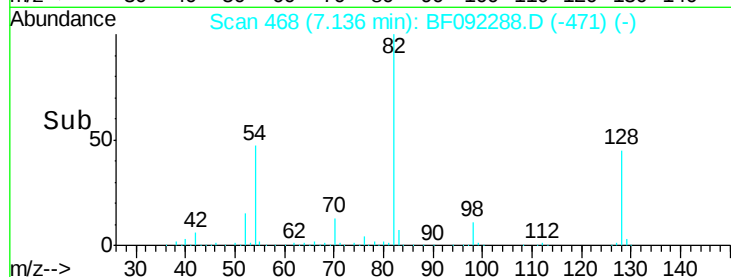
138 0.0 14.6 22.0#



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: 9.59 min Scan# 683

Delta R.T. -0.09 min

Lab File: BF092288.D

Acq: 16 Jan 2017 16:42

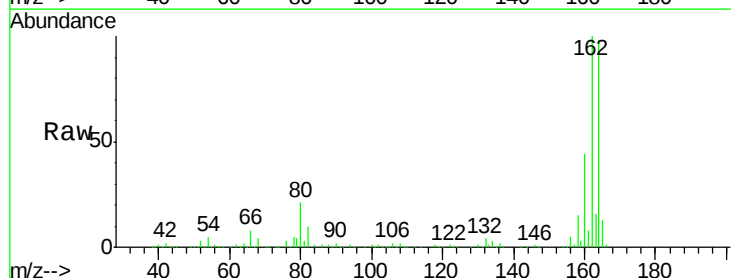
Tgt Ion: 164 Resp: 459956

Ion Ratio Lower Upper

164 100

162 101.7 80.2 120.2

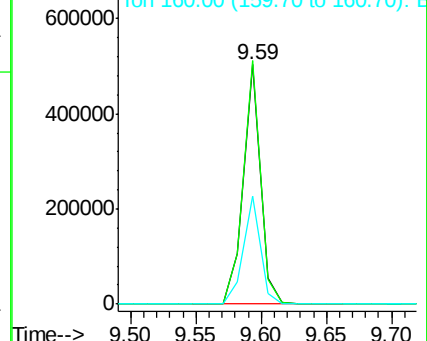
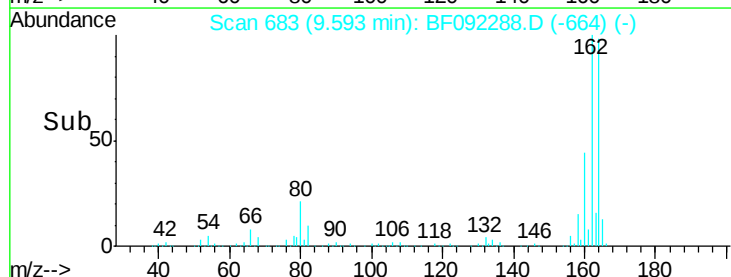
160 44.8 36.9 55.3

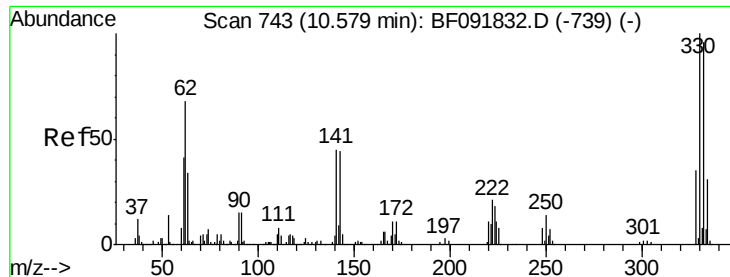


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

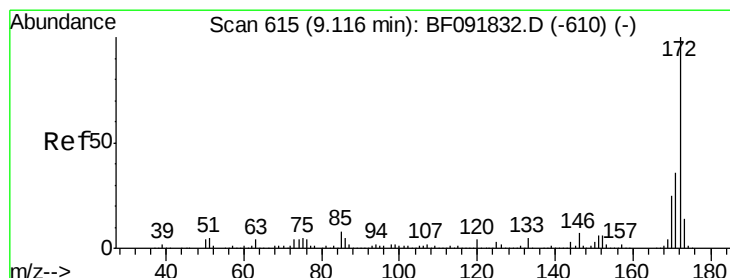
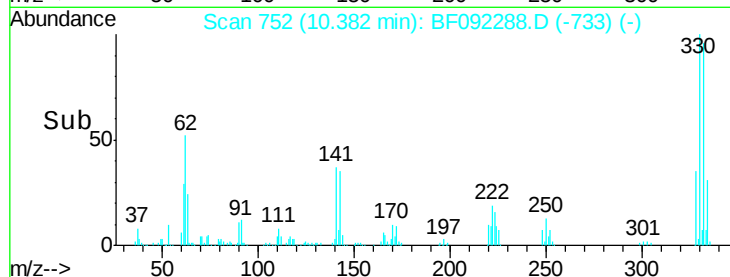
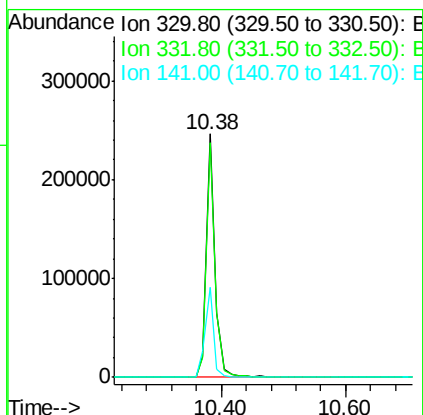
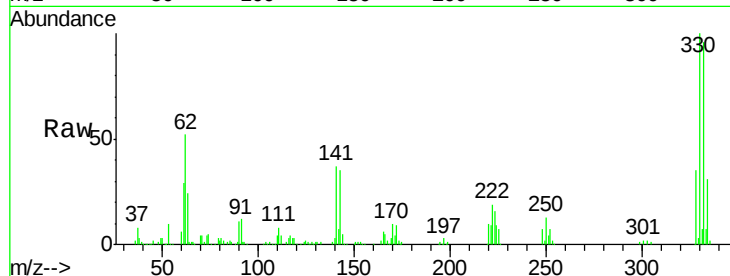




#41
 2,4,6-Tribromophenol
 Concen: 63.82 ng
 RT: 10.38 min Scan# 752
 Delta R.T. -0.09 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

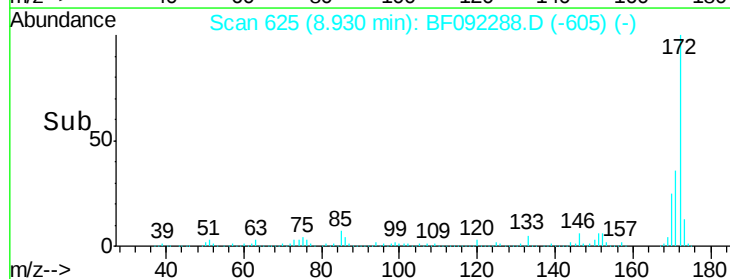
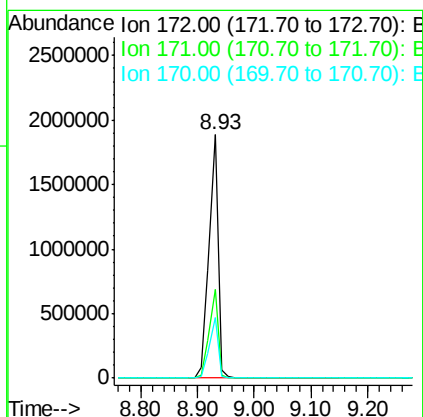
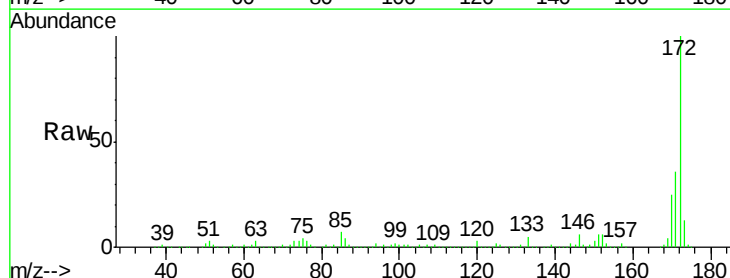
Instrument :
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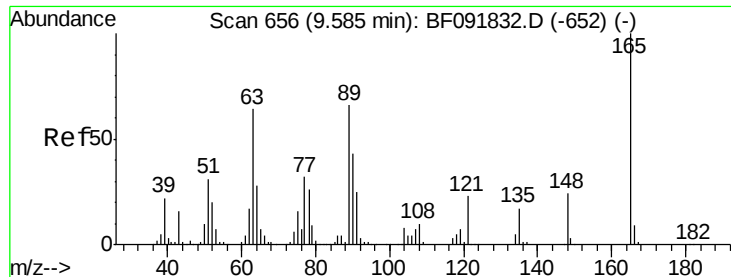
Tgt Ion:330 Resp: 242922
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 36.4 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 89.44 ng
 RT: 8.93 min Scan# 625
 Delta R.T. -0.08 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

Tgt Ion:172 Resp: 1992755
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 25.0 20.2 30.4

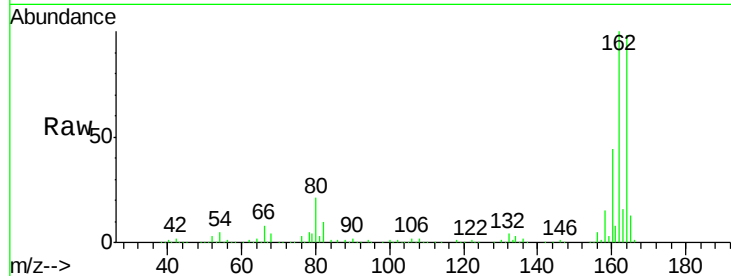




#50
 2,6-Dinitrotoluene
 Concen: 9.38 ng
 RT: 9.59 min Scan# 683
 Delta R.T. 0.12 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BL

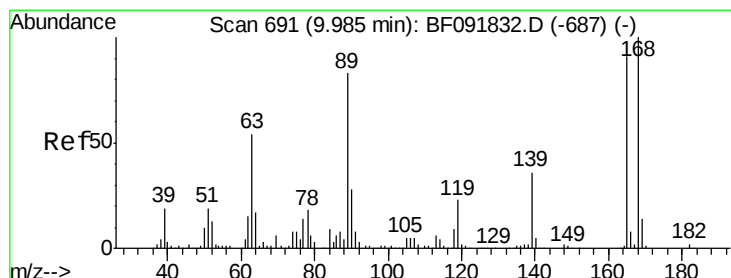
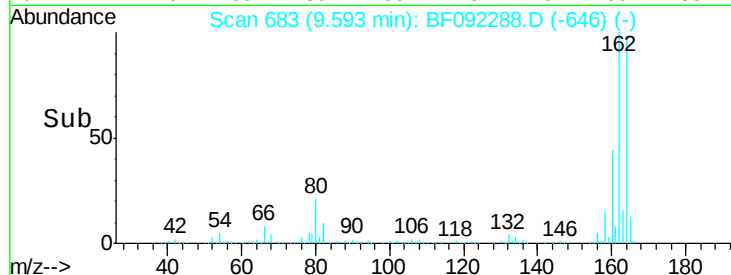
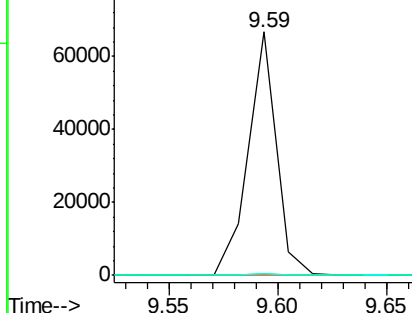
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	36.2	54.4#
89	0.9	40.2	60.4#



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



#56
 2,4-Dinitrotoluene
 Concen: 7.48 ng
 RT: 9.59 min Scan# 683
 Delta R.T. -0.29 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

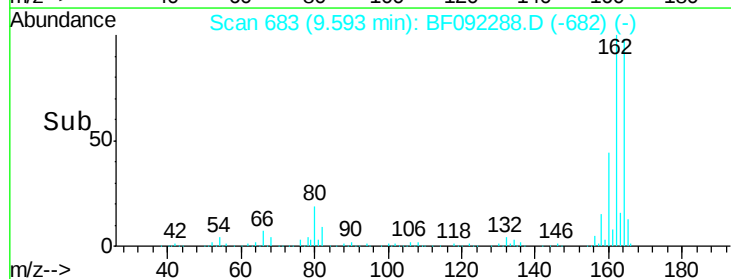
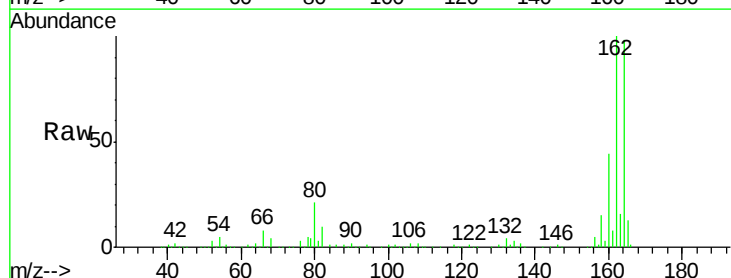
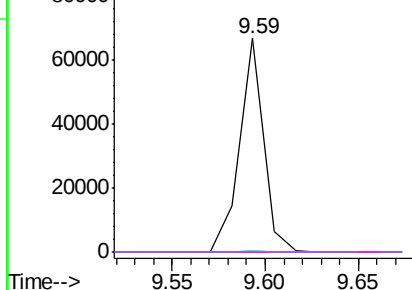
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

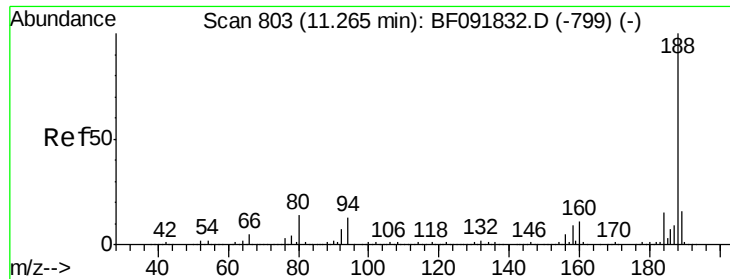
Abundance Ion 165.00 (164.70 to 165.70): E

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

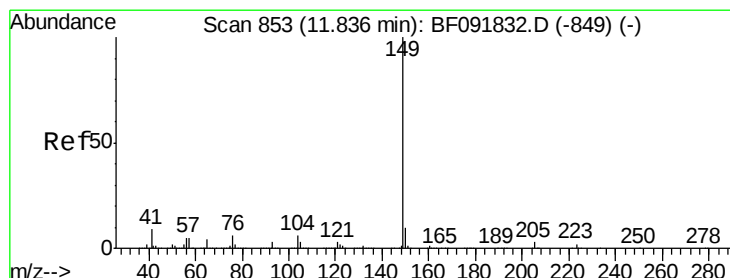
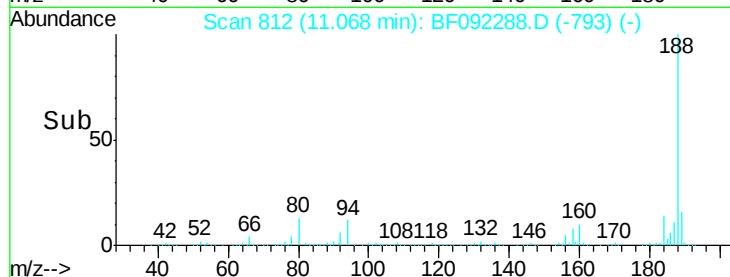
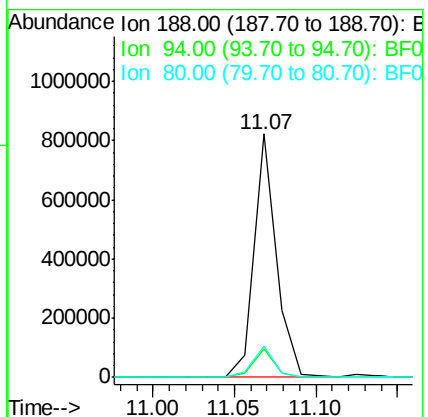
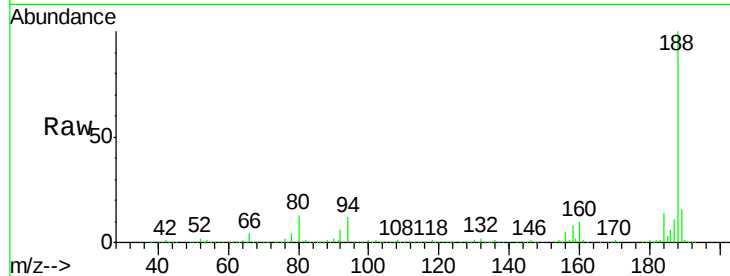




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.07 min Scan# 812
 Delta R.T. -0.09 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

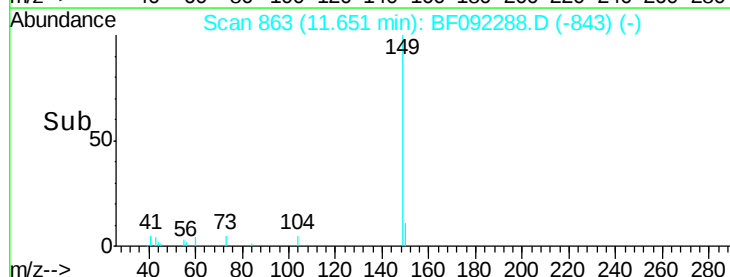
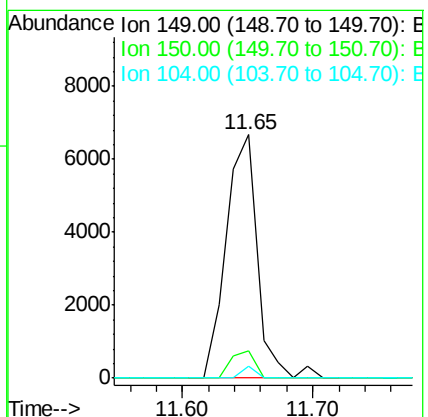
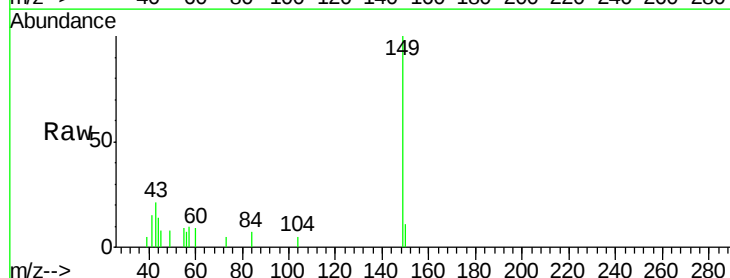
Instrument :
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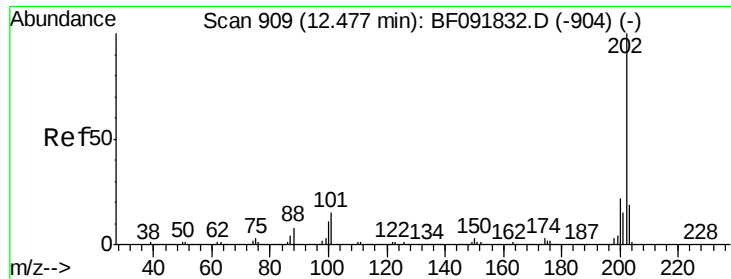
Tgt Ion:188 Resp: 784233
 Ion Ratio Lower Upper
 188 100
 94 11.8 10.0 15.0
 80 12.8 11.2 16.8



#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.65 min Scan# 863
 Delta R.T. -0.08 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

Tgt Ion:149 Resp: 11115
 Ion Ratio Lower Upper
 149 100
 150 11.3 8.1 12.1
 104 4.6 4.6 7.0

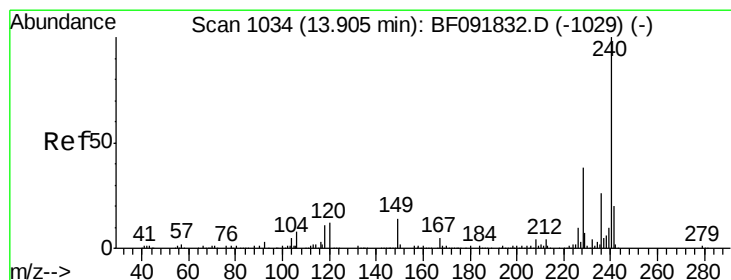
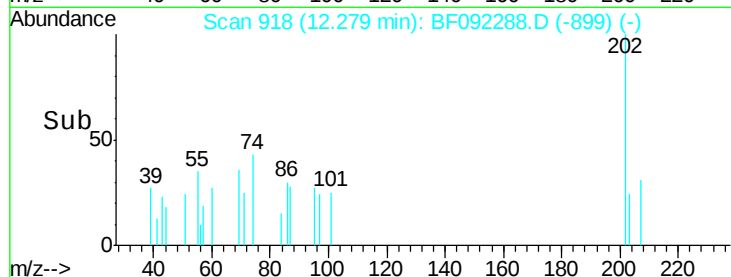
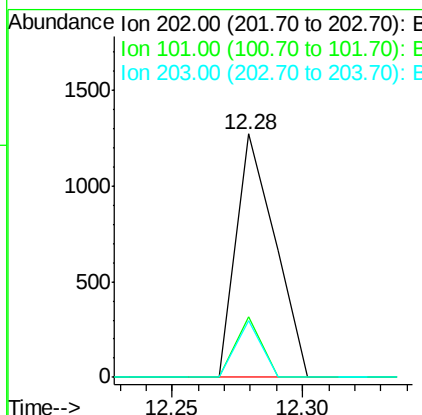
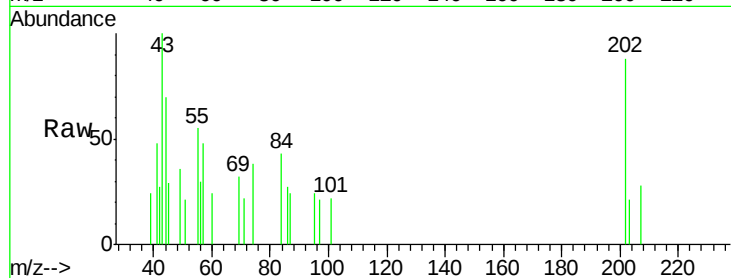




#74
 Fluoranthene
 Concen: Below Cal
 RT: 12.28 min Scan# 918
 Delta R.T. -0.09 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

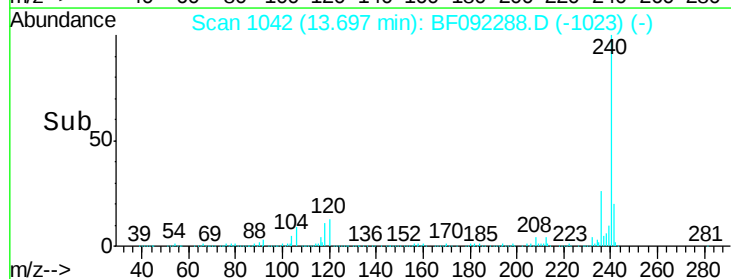
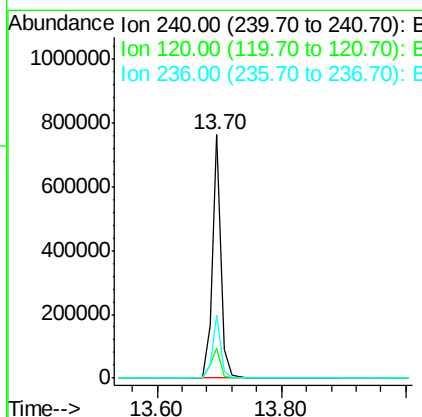
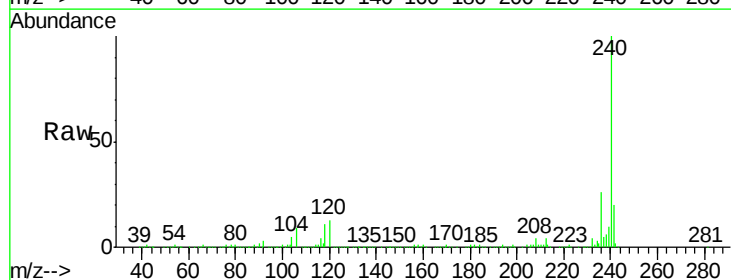
Instrument :
 BNA_F
 ClientSampleId :
 PB96013BL

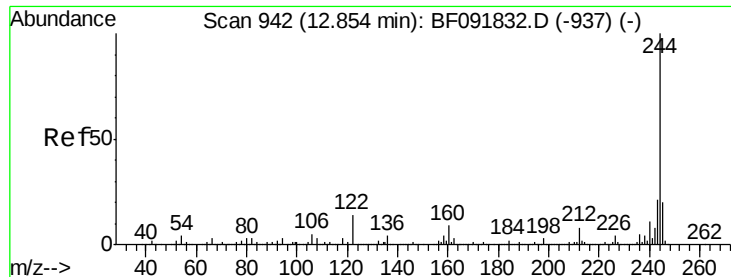
Tgt Ion: 202 Resp: 1330
 Ion Ratio Lower Upper
 202 100
 101 25.1 0.0 34.6
 203 23.6 0.0 38.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.70 min Scan# 1042
 Delta R.T. -0.09 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

Tgt Ion: 240 Resp: 717362
 Ion Ratio Lower Upper
 240 100
 120 12.5 12.9 19.3#
 236 25.8 20.9 31.3

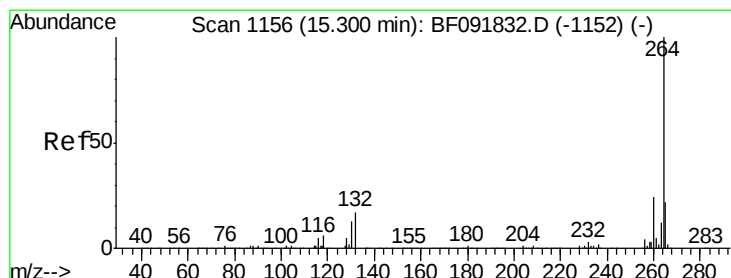
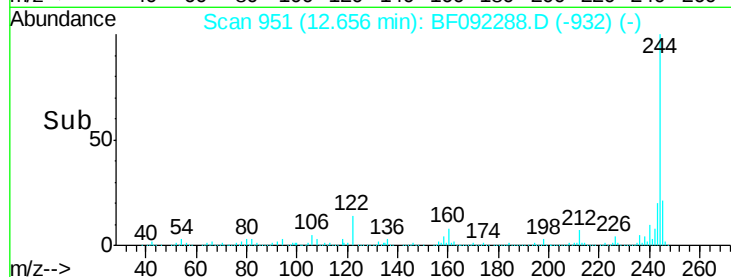
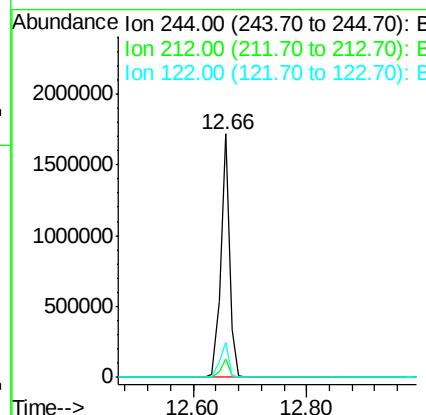
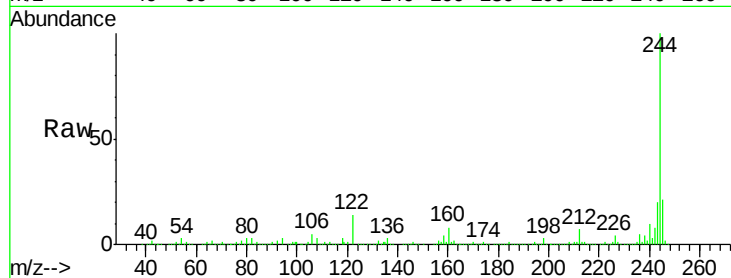




#78
 Terphenyl-d14
 Concen: 61.17 ng
 RT: 12.66 min Scan# 951
 Delta R.T. -0.09 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

Instrument :
 BNA_F
 ClientSampleId :
 PB96013BL

Tgt Ion:244 Resp: 1809237
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.2 9.2
 122 14.3 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1160
 Delta R.T. -0.10 min
 Lab File: BF092288.D
 Acq: 16 Jan 2017 16:42

Tgt Ion:264 Resp: 610636
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 22.6 17.4 26.0

