

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF121316\
 Data File : BF091556.D
 Acq On : 13 Dec 2016 16:17
 Operator : UM/SJ
 Sample : H5940-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS07-0-2IN

Quant Time: Dec 14 00:19:52 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF120916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 09 19:00:21 2016
 Response via : Initial Calibration

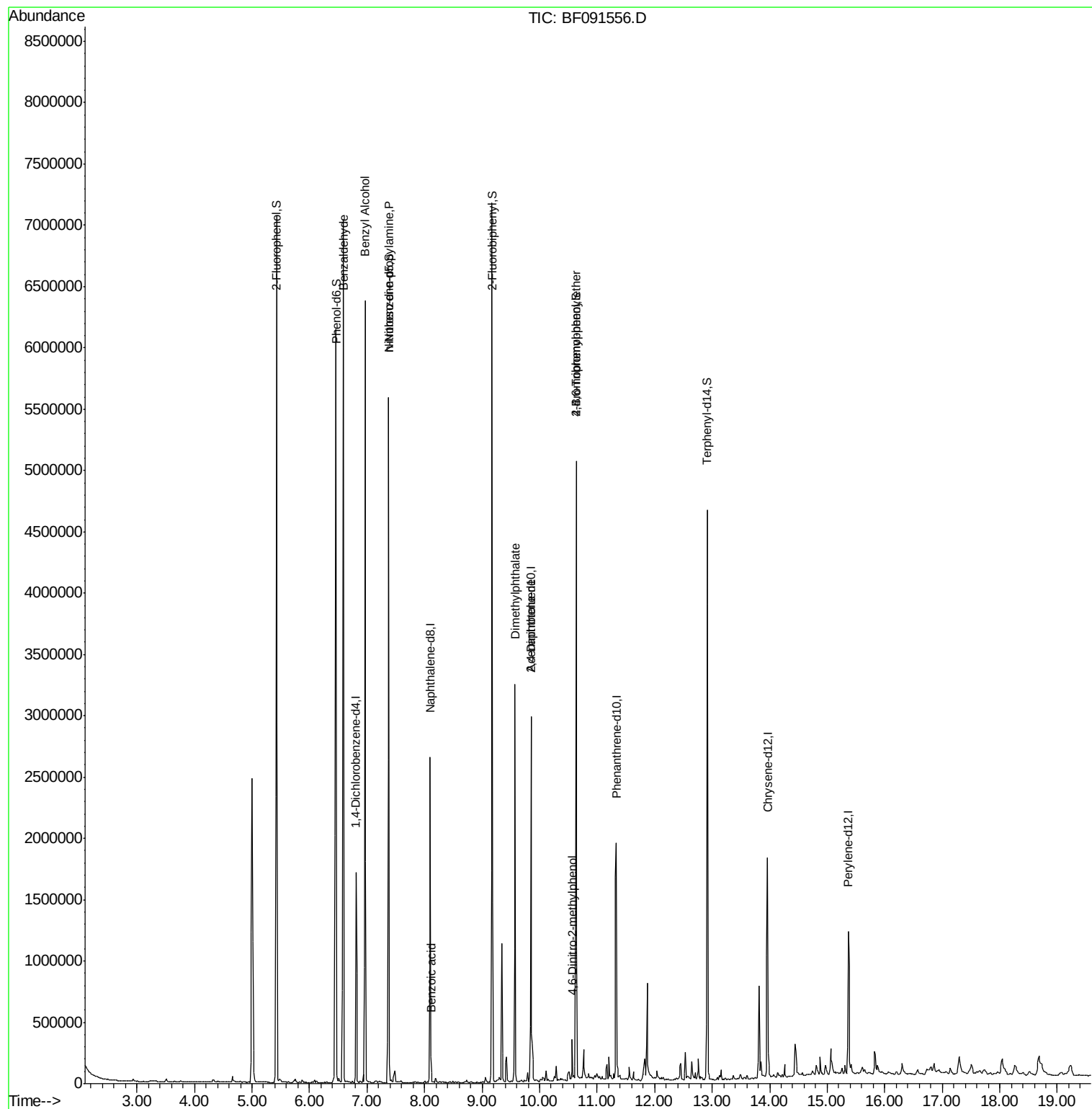
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	301108	20.00	ng	-0.01
21) Naphthalene-d8	8.10	136	1282505	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	610874	20.00	ng	-0.01
63) Phenanthrene-d10	11.33	188	984589	20.00	ng	0.00
75) Chrysene-d12	13.96	240	706967	20.00	ng	0.00
86) Perylene-d12	15.37	264	607020	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	2480573	138.79	ng	0.01
7) Phenol-d6	6.46	99	3365327	151.04	ng	0.01
23) Nitrobenzene-d5	7.38	82	2074730	90.29	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	632807	124.72	ng	0.00
44) 2-Fluorobiphenyl	9.17	172	2361826	66.81	ng	-0.01
78) Terphenyl-d14	12.91	244	2088420	67.03	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.59	77	67234	4.38	ng	95
15) Benzyl Alcohol	6.97	79	36445	2.07	ng	# 47
19) n-Nitroso-di-n-propylamine	7.38	70	289706	20.79	ng	# 64
20) 3+4-Methylphenols	7.23	107	483	Below Cal	#	87
32) Benzoic acid	8.11	122	1276	4.98	ng	# 30
49) Dimethylphthalate	9.57	163	1364799	35.28	ng	99
56) 2,4-Dinitrotoluene	9.85	165	80113	7.53	ng	# 34
57) Fluorene	10.40	166	3169	Below Cal	#	99
64) 4,6-Dinitro-2-methylphenol	10.57	198	856	3.08	ng	# 25
66) 4-Bromophenyl-phenylether	10.64	248	39482	3.91	ng	# 1

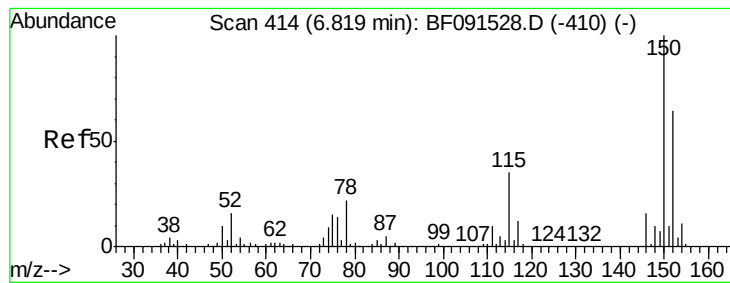
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Dec 09 19:00:21 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.01 min

Lab File: BF091556.D

Acq: 13 Dec 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SS07-0-2IN

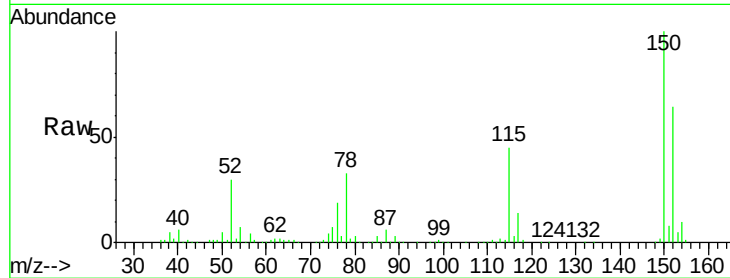
Tgt Ion:152 Resp: 301108

Ion Ratio Lower Upper

152 100

150 156.2 122.5 183.7

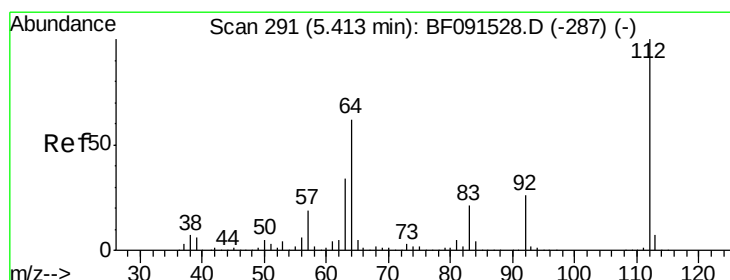
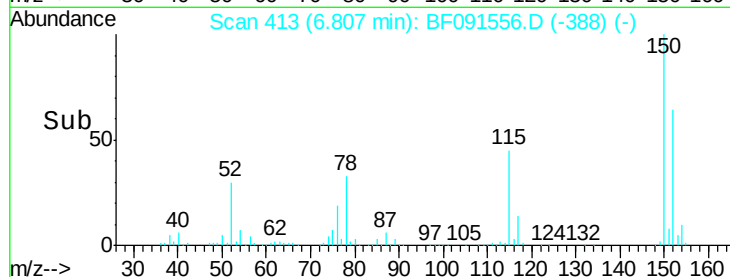
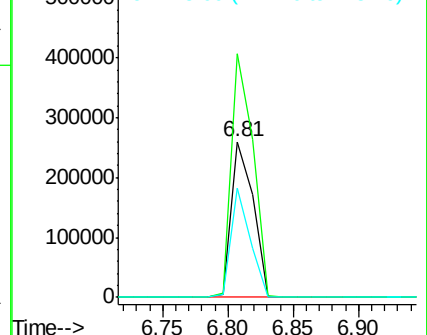
115 70.1 51.8 77.8



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: 138.79 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF091556.D

Acq: 13 Dec 2016 16:17

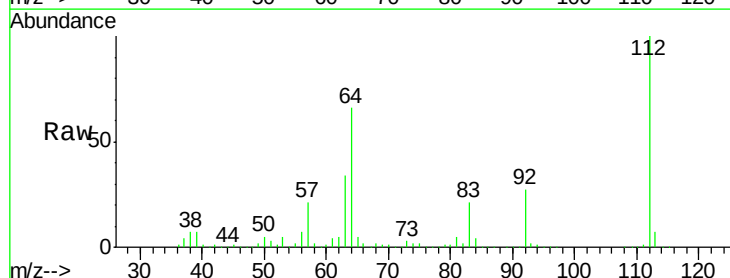
Tgt Ion:112 Resp: 2480573

Ion Ratio Lower Upper

112 100

64 65.9 61.5 92.3

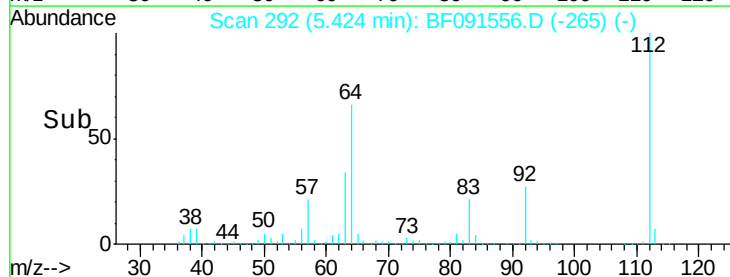
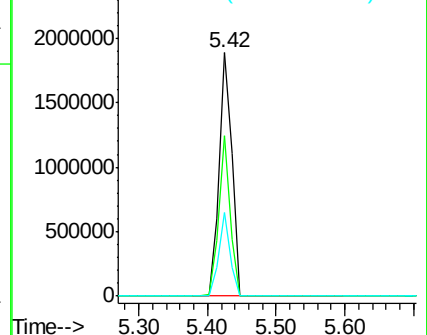
63 34.3 33.3 49.9

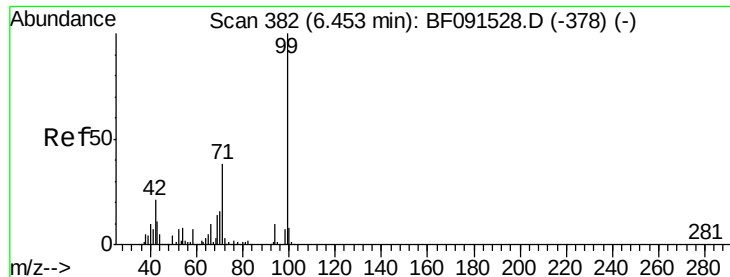


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 151.04 ng

RT: 6.46 min Scan# 383

Delta R.T. 0.01 min

Lab File: BF091556.D

Acq: 13 Dec 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SS07-0-2IN

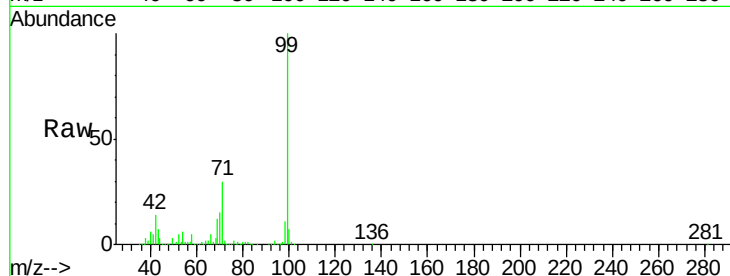
Tgt Ion: 99 Resp: 3365327

Ion Ratio Lower Upper

99 100

42 14.0 20.6 31.0#

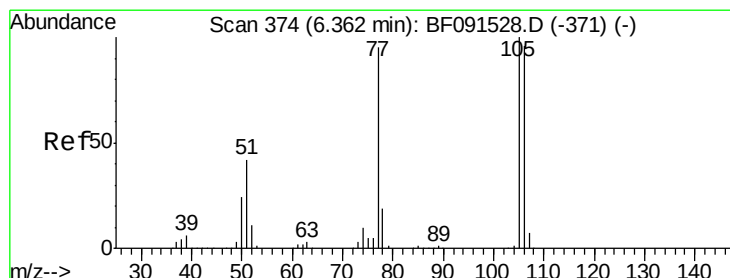
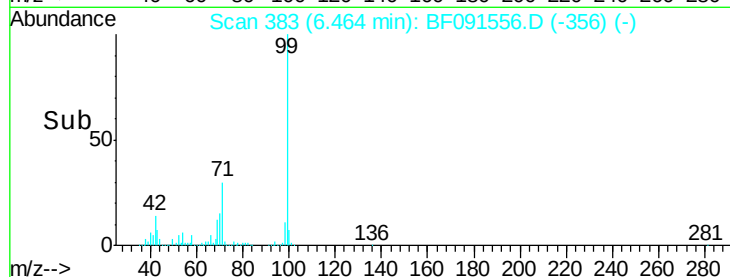
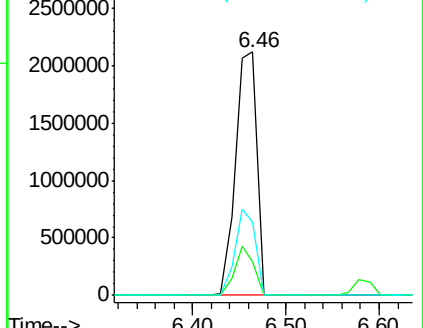
71 30.0 29.9 44.9



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



#9

Benzaldehyde

Concen: 4.38 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.23 min

Lab File: BF091556.D

Acq: 13 Dec 2016 16:17

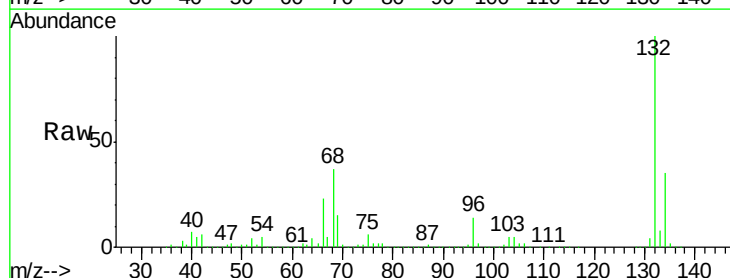
Tgt Ion: 77 Resp: 67234

Ion Ratio Lower Upper

77 100

105 84.6 66.4 106.4

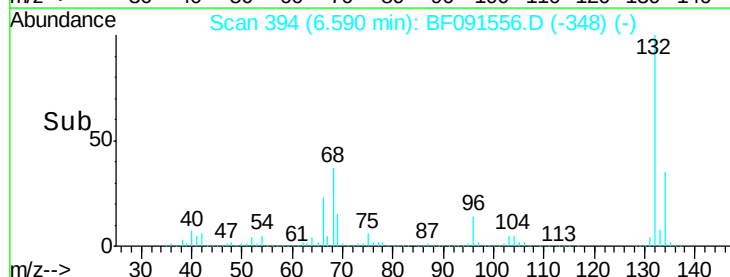
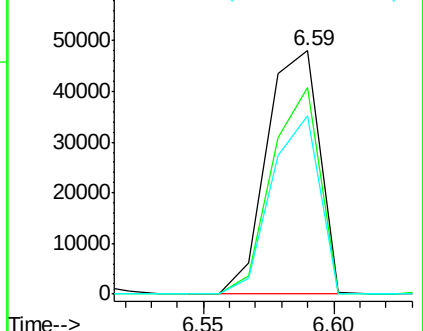
106 73.3 60.9 100.9

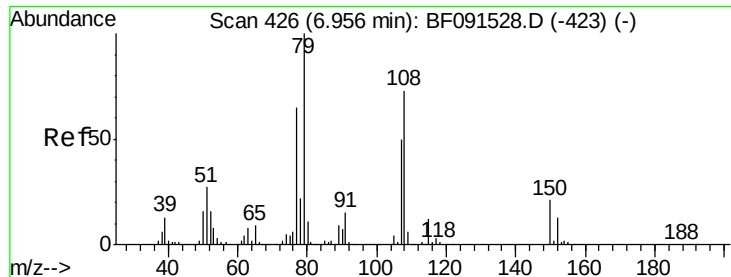


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 6.97 min Scan# 427

Delta R.T. 0.01 min

Lab File: BF091556.D

Acq: 13 Dec 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SS07-0-2IN

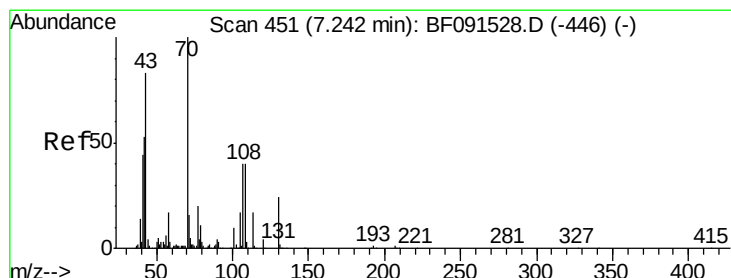
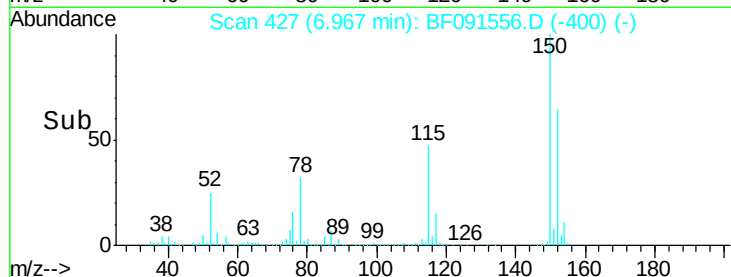
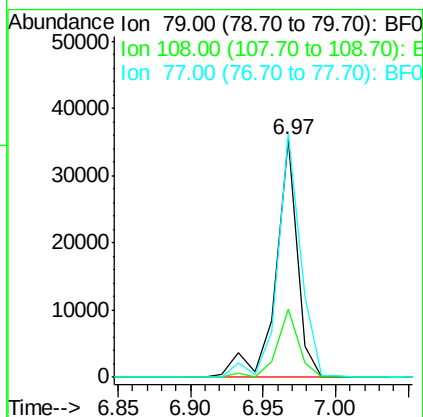
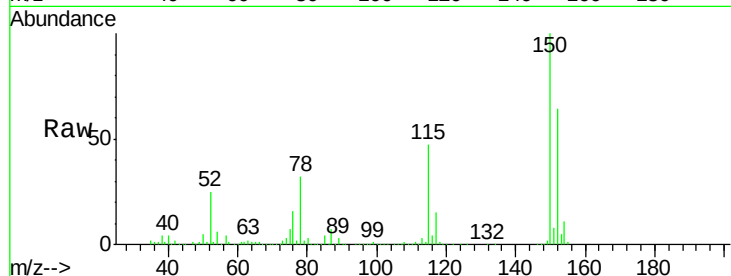
Tgt Ion: 79 Resp: 36445

Ion Ratio Lower Upper

79 100

108 28.8 62.7 94.1#

77 102.3 51.7 77.5#



#19

n-Nitroso-di-n-propylamine

Concen: 20.79 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.14 min

Lab File: BF091556.D

Acq: 13 Dec 2016 16:17

Tgt Ion: 70 Resp: 289706

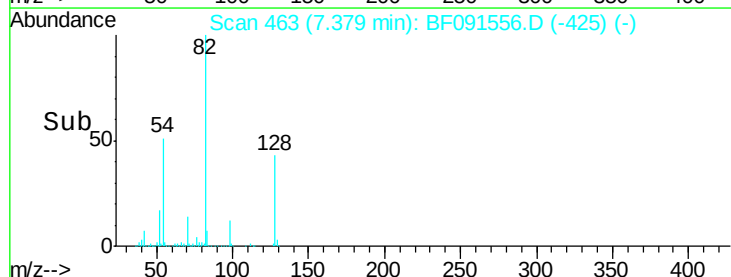
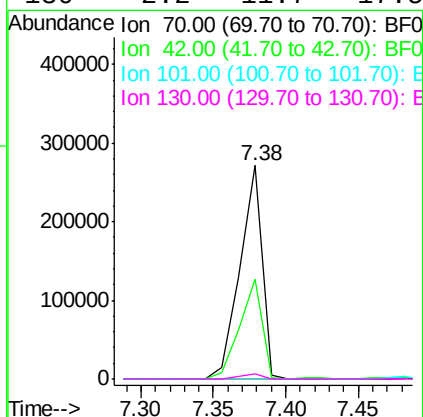
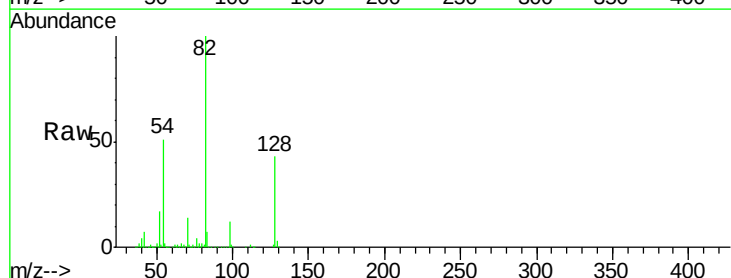
Ion Ratio Lower Upper

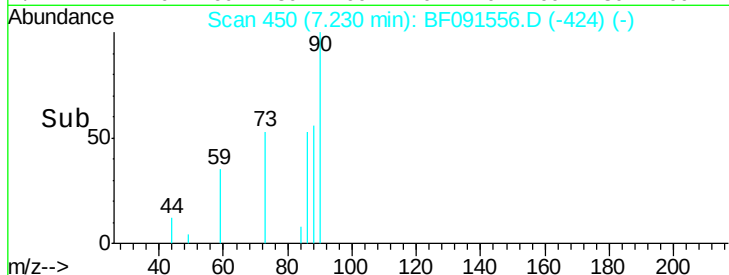
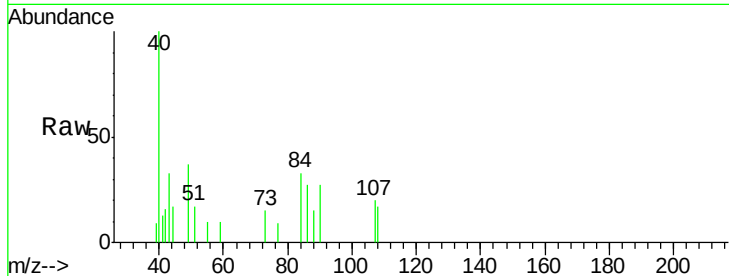
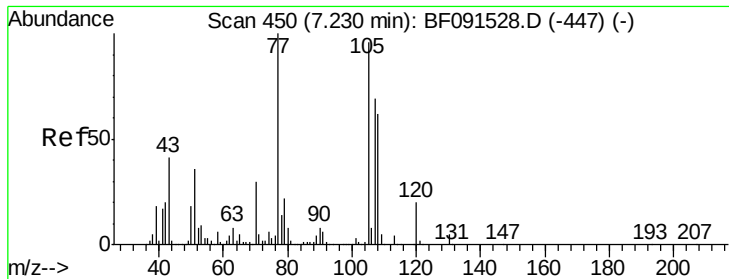
70 100

42 46.5 64.8 97.2#

101 0.0 6.2 9.4#

130 2.2 11.7 17.5#





#20

3+4-Methylphenols

Concen: Below Cal

RT: 7.23 min Scan# 450

Delta R.T. 0.00 min

Lab File: BF091556.D

Acq: 13 Dec 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SS07-0-2IN

Tgt Ion:107 Resp: 483

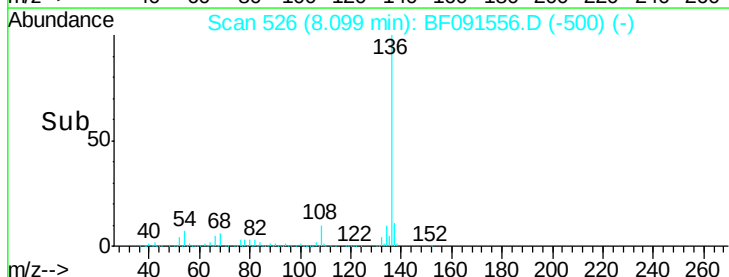
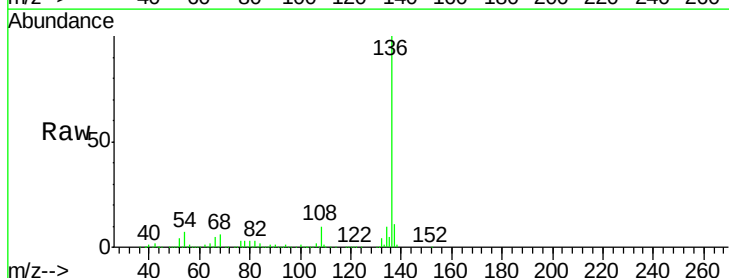
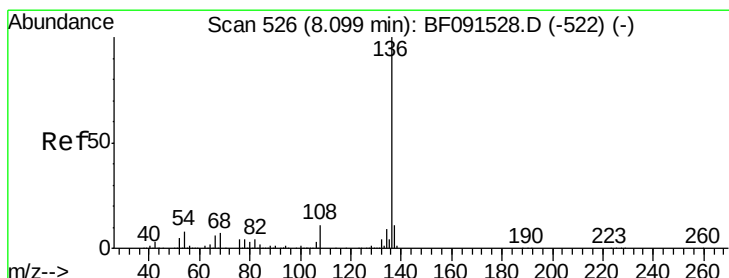
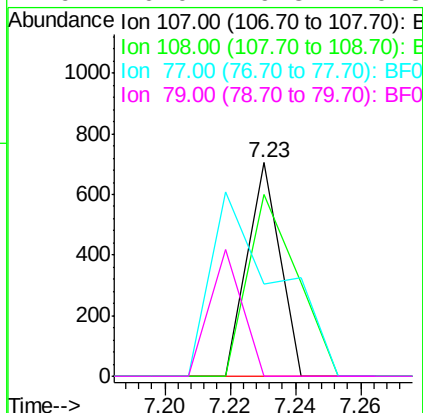
Ion Ratio Lower Upper

107 100

108 84.8 64.6 104.6

77 43.0 30.9 70.9

79 0.0 9.3 49.3#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.10 min Scan# 526

Delta R.T. -0.00 min

Lab File: BF091556.D

Acq: 13 Dec 2016 16:17

Tgt Ion:136 Resp: 1282505

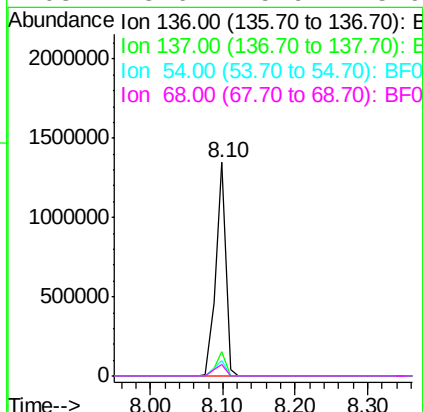
Ion Ratio Lower Upper

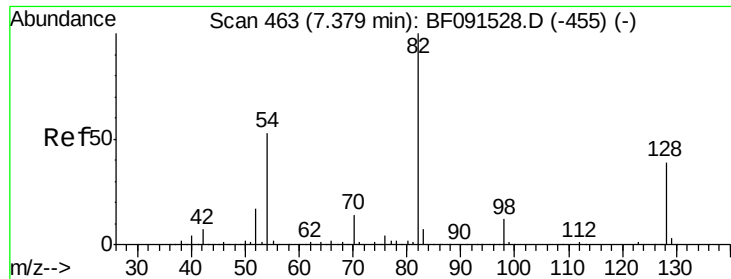
136 100

137 11.2 9.1 13.7

54 7.0 9.1 13.7#

68 5.6 5.9 8.9#

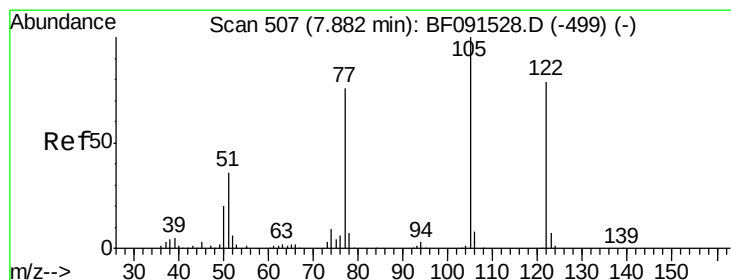
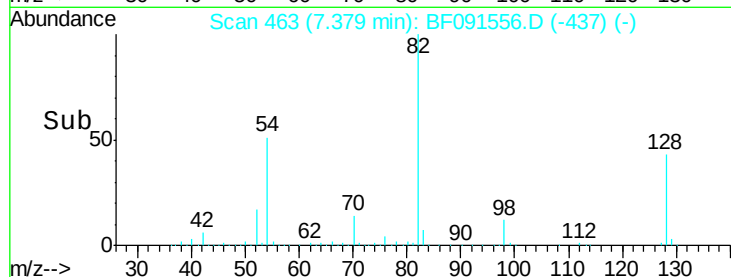
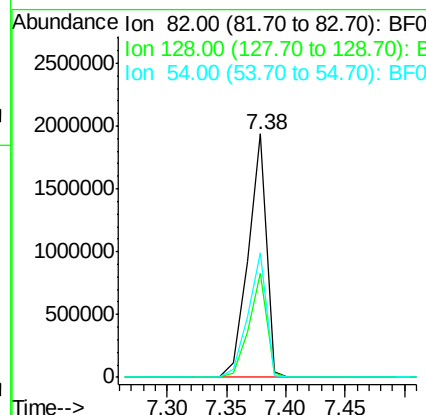
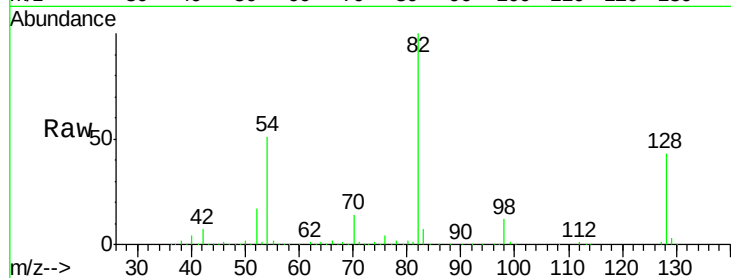




#23
 Nitrobenzene-d5
 Concen: 90.29 ng
 RT: 7.38 min Scan# 463
 Delta R.T. -0.00 min
 Lab File: BF091556.D
 Acq: 13 Dec 2016 16:17

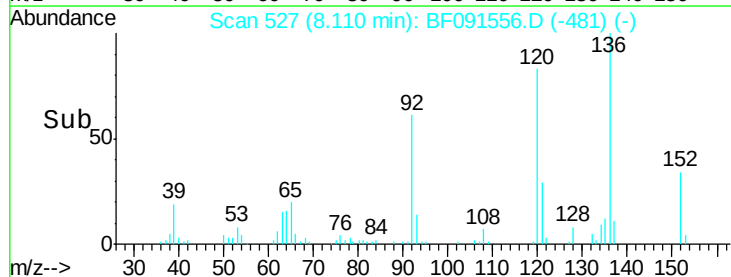
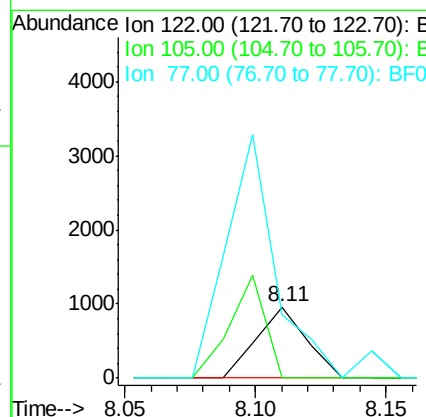
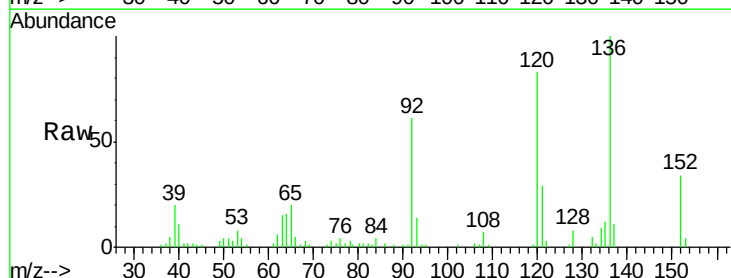
Instrument :
 BNA_F
 ClientSampleId :
 SS07-0-2IN

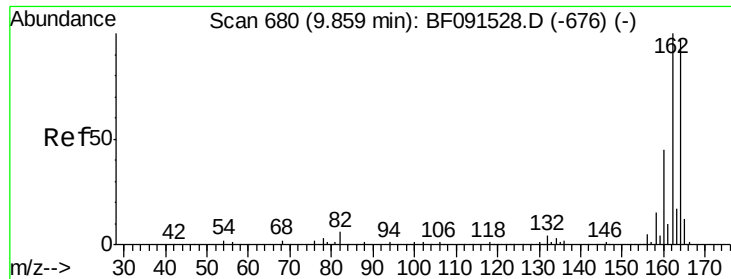
Tgt Ion: 82 Resp: 2074730
 Ion Ratio Lower Upper
 82 100
 128 42.8 31.8 47.6
 54 51.2 49.1 73.7



#32
 Benzoic acid
 Concen: 4.98 ng
 RT: 8.11 min Scan# 527
 Delta R.T. 0.23 min
 Lab File: BF091556.D
 Acq: 13 Dec 2016 16:17

Tgt Ion: 122 Resp: 1276
 Ion Ratio Lower Upper
 122 100
 105 0.0 113.0 153.0#
 77 87.8 82.0 122.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.01 min

Lab File: BF091556.D

Acq: 13 Dec 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SS07-0-2IN

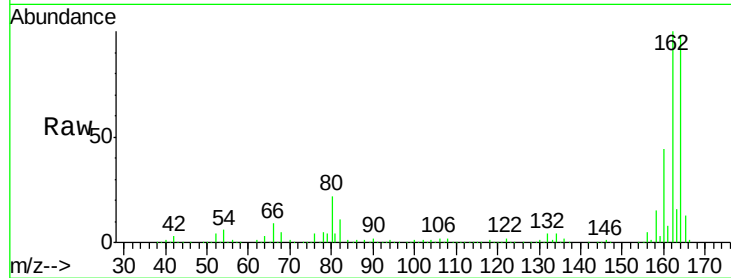
Tgt Ion:164 Resp: 610874

Ion Ratio Lower Upper

164 100

162 102.0 82.6 124.0

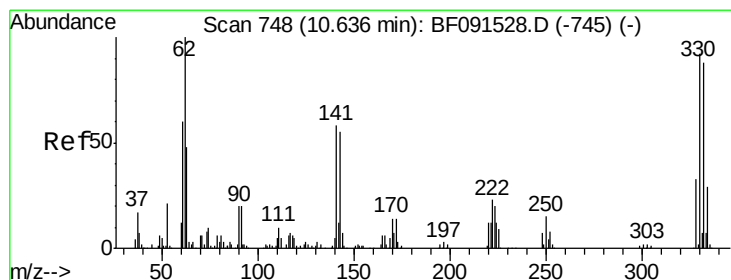
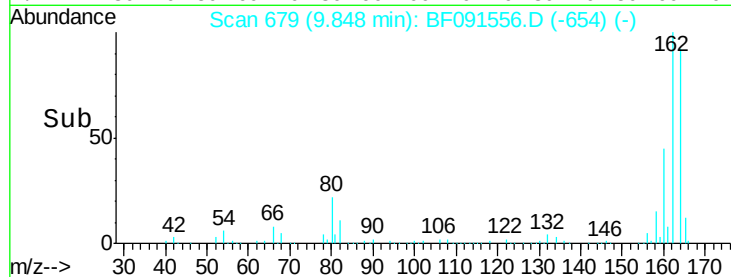
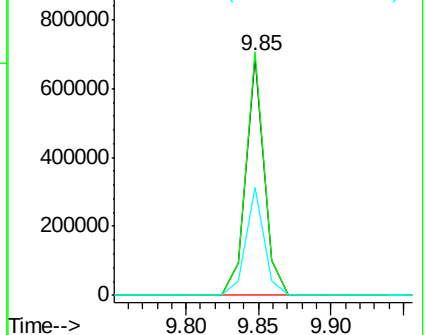
160 45.2 36.7 55.1



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: 124.72 ng

RT: 10.64 min Scan# 748

Delta R.T. -0.00 min

Lab File: BF091556.D

Acq: 13 Dec 2016 16:17

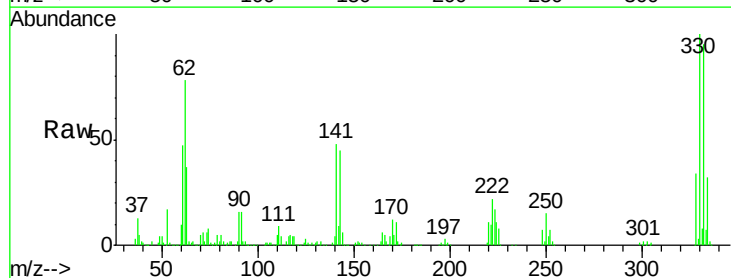
Tgt Ion:330 Resp: 632807

Ion Ratio Lower Upper

330 100

332 96.3 76.2 114.4

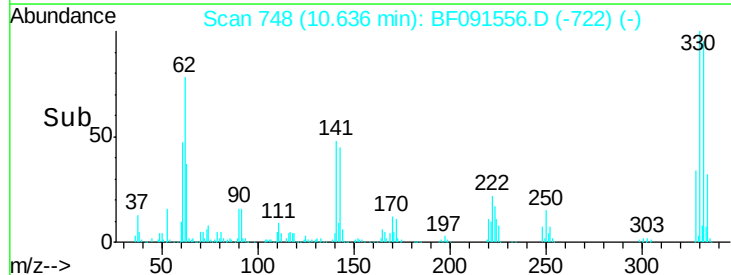
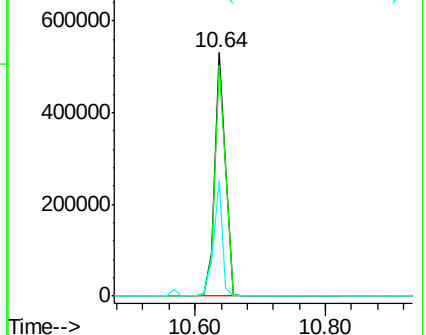
141 38.6 33.6 50.4

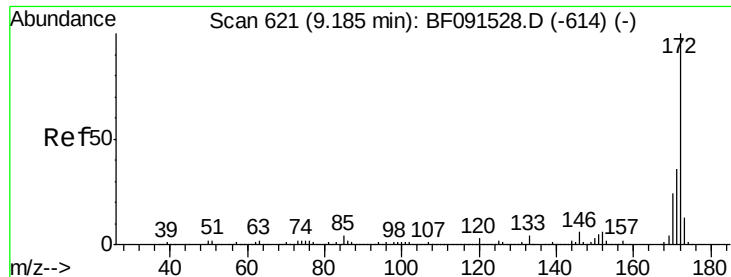


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

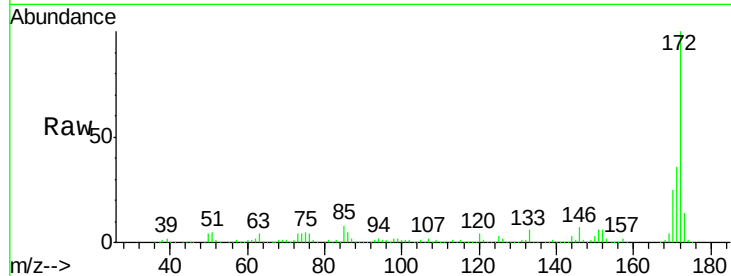




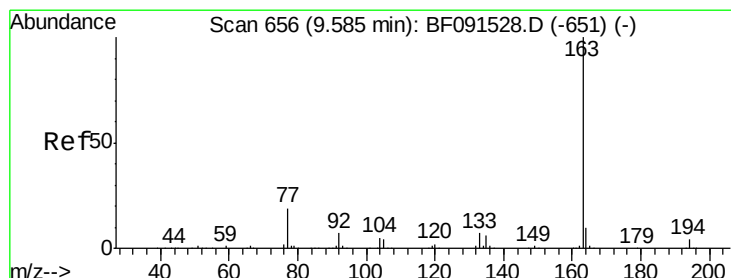
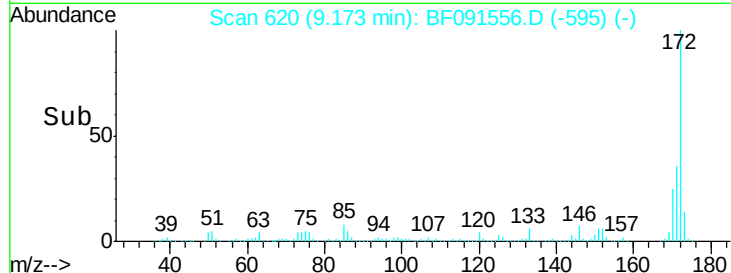
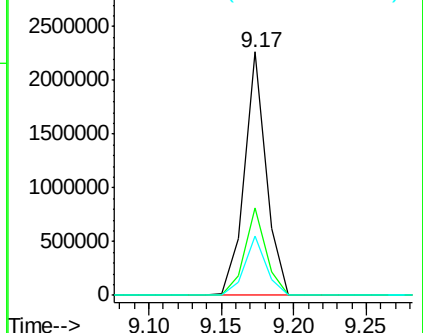
#44
 2-Fluorobiphenyl
 Concen: 66.81 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.01 min
 Lab File: BF091556.D
 Acq: 13 Dec 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SS07-0-2IN

Tgt Ion:172 Resp: 2361826
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.0
 170 24.6 19.7 29.5

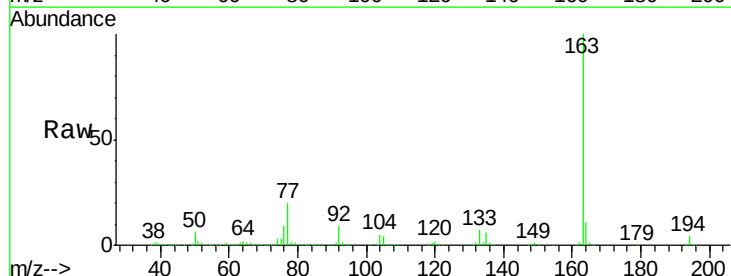


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

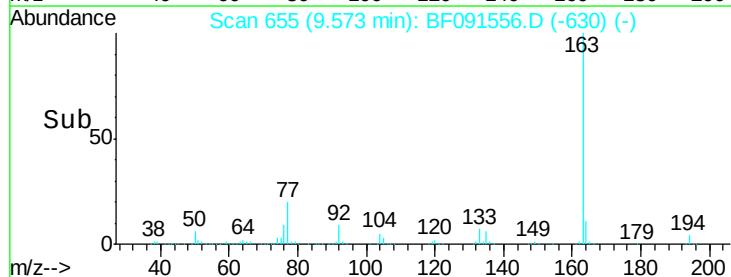
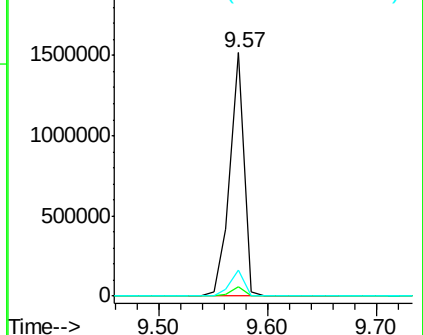


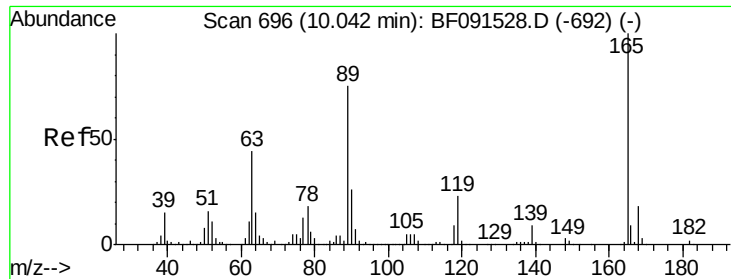
#49
 Dimethylphthalate
 Concen: 35.28 ng
 RT: 9.57 min Scan# 655
 Delta R.T. -0.01 min
 Lab File: BF091556.D
 Acq: 13 Dec 2016 16:17

Tgt Ion:163 Resp: 1364799
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 10.5 7.8 11.8



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

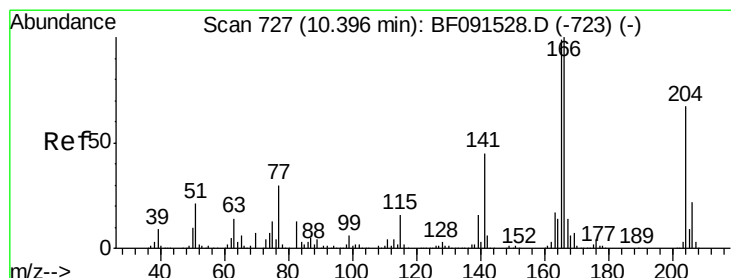
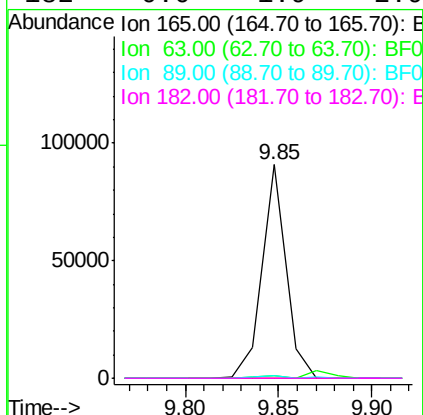
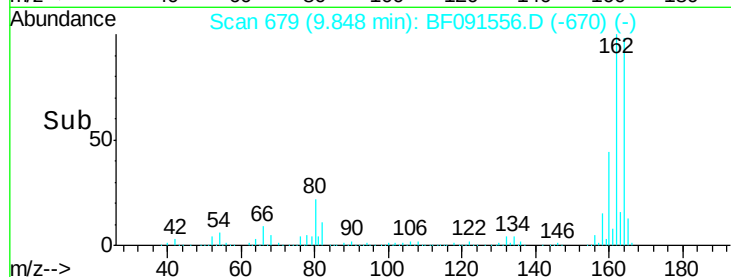
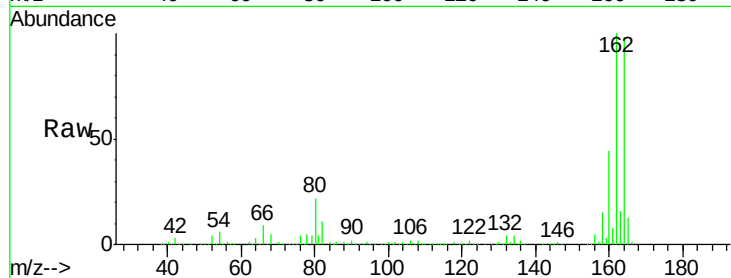




#56
2,4-Dinitrotoluene
Concen: 7.53 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.19 min
Lab File: BF091556.D
Acq: 13 Dec 2016 16:17

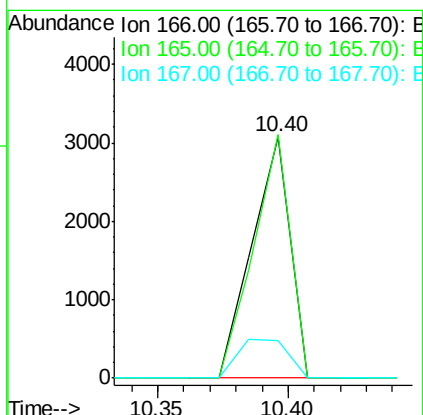
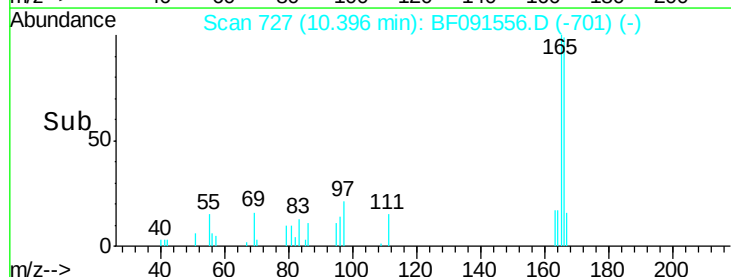
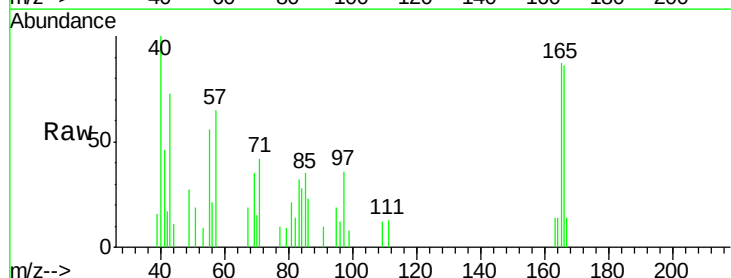
Instrument :
BNA_F
ClientSampleId :
SS07-0-2IN

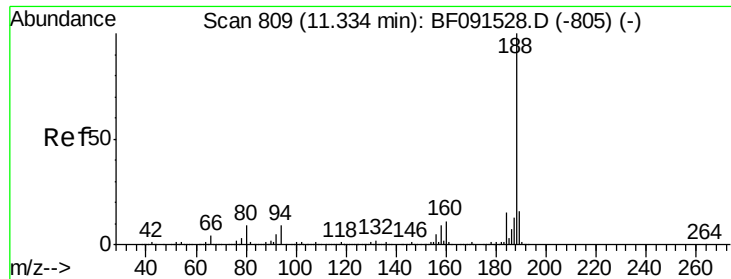
Tgt Ion:	165	Resp:	80113
Ion Ratio	Lower	Upper	
165	100		
63	1.0	29.0	43.4#
89	1.3	43.1	64.7#
182	0.0	1.9	2.9#



#57
Fluorene
Concen: Below Cal
RT: 10.40 min Scan# 727
Delta R.T. 0.00 min
Lab File: BF091556.D
Acq: 13 Dec 2016 16:17

Tgt Ion:	166	Resp:	3169
Ion Ratio	Lower	Upper	
166	100		
165	100.8	80.0	120.0
167	15.7	10.8	16.2





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.33 min Scan# 809

Delta R.T. -0.00 min

Lab File: BF091556.D

Acq: 13 Dec 2016 16:17

Instrument :

BNA_F

ClientSampleId :

SS07-0-2IN

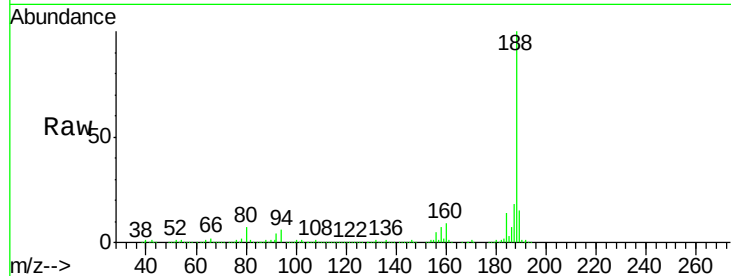
Tgt Ion:188 Resp: 984589

Ion Ratio Lower Upper

188 100

94 6.4 9.2 13.8#

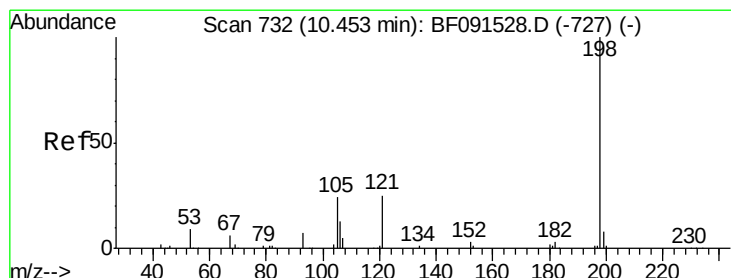
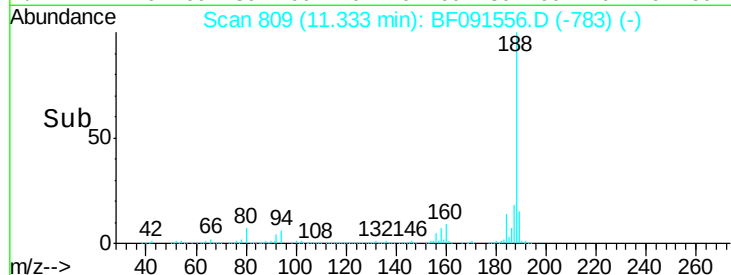
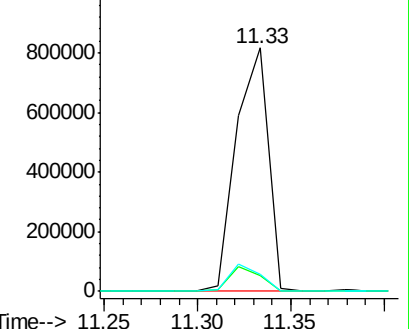
80 6.9 10.5 15.7#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 3.08 ng

RT: 10.57 min Scan# 742

Delta R.T. 0.11 min

Lab File: BF091556.D

Acq: 13 Dec 2016 16:17

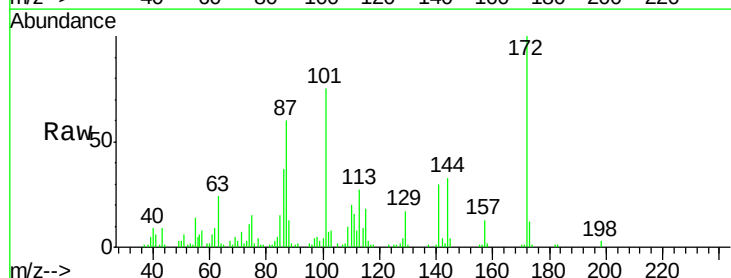
Tgt Ion:198 Resp: 856

Ion Ratio Lower Upper

198 100

51 214.9 77.1 117.1#

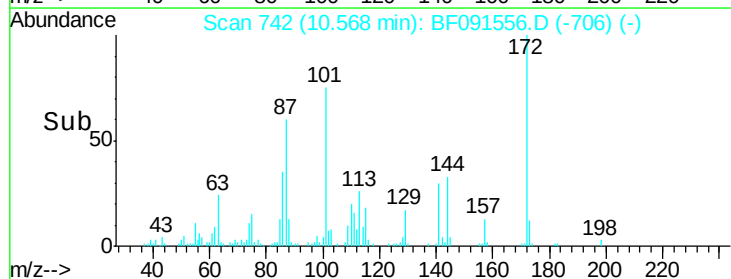
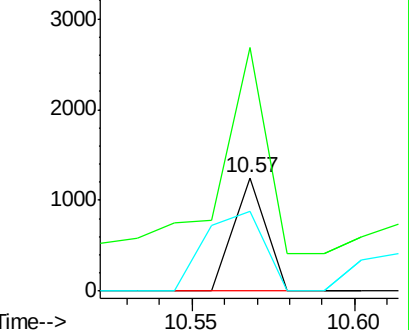
105 70.6 44.8 84.8

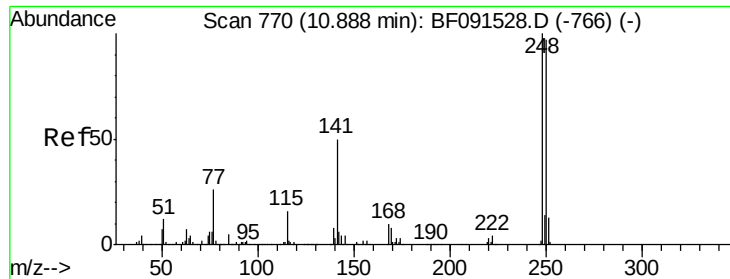


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E

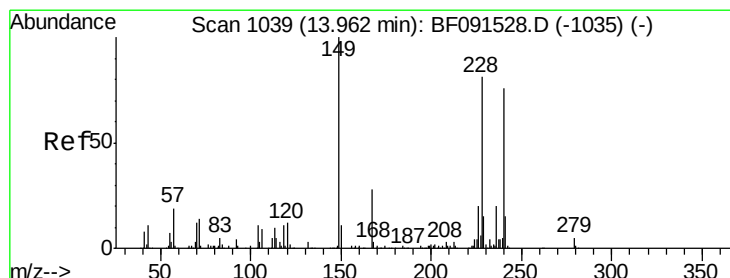
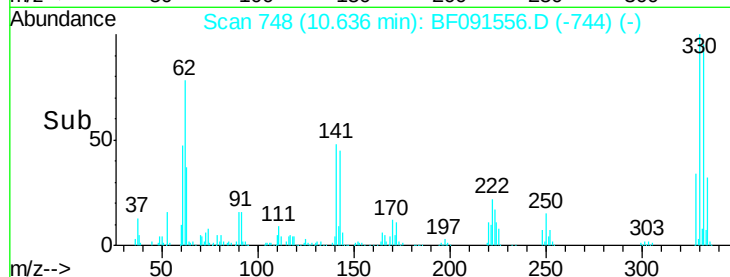
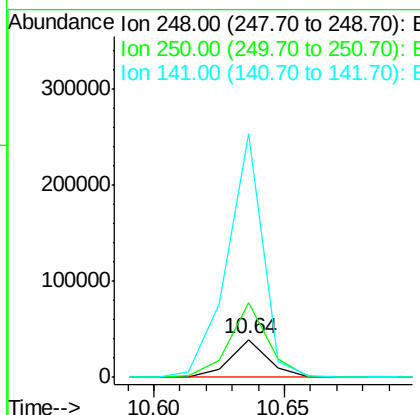
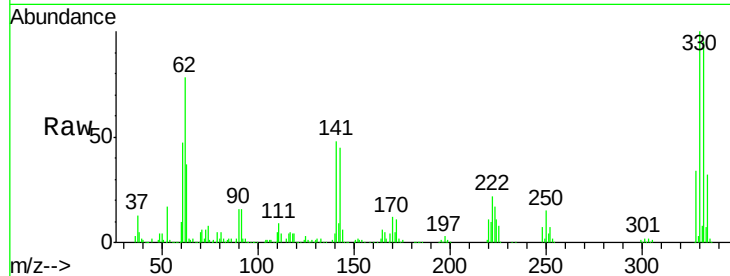




#66
4-Bromophenyl-phenylether
Concen: 3.91 ng
RT: 10.64 min Scan# 748
Delta R.T. -0.25 min
Lab File: BF091556.D
Acq: 13 Dec 2016 16:17

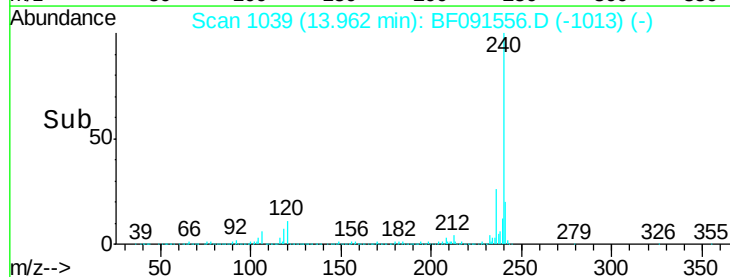
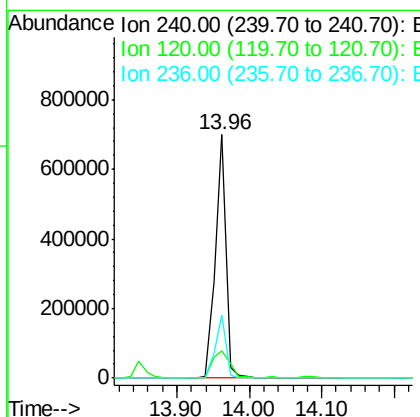
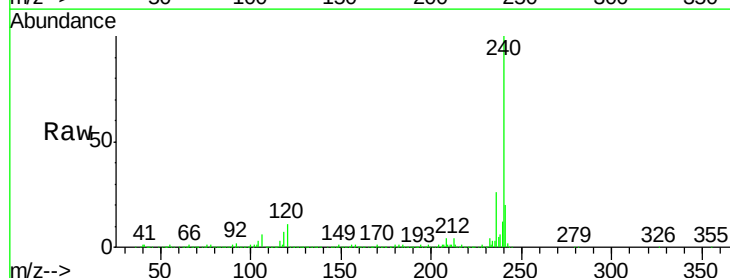
Instrument :
BNA_F
ClientSampleId :
SS07-0-2IN

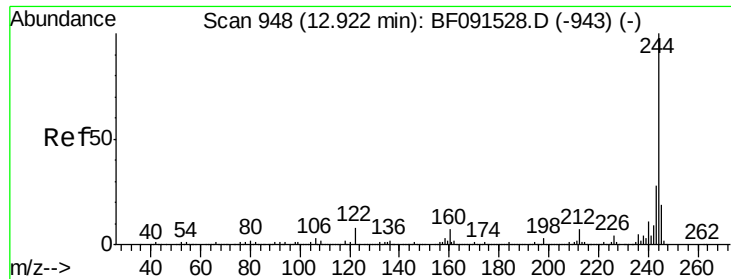
Tgt Ion:248 Resp: 39482
Ion Ratio Lower Upper
248 100
250 196.0 78.2 117.4#
141 640.3 71.9 107.9#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.96 min Scan# 1039
Delta R.T. -0.00 min
Lab File: BF091556.D
Acq: 13 Dec 2016 16:17

Tgt Ion:240 Resp: 706967
Ion Ratio Lower Upper
240 100
120 11.1 12.1 18.1#
236 25.7 21.0 31.6

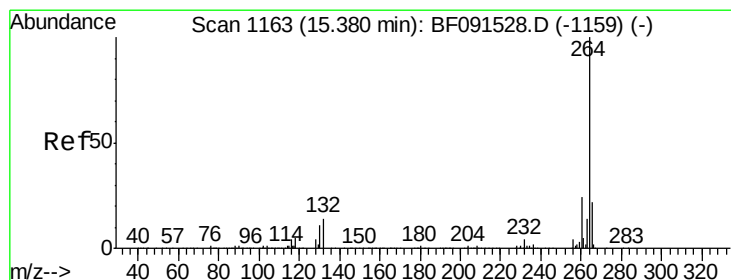
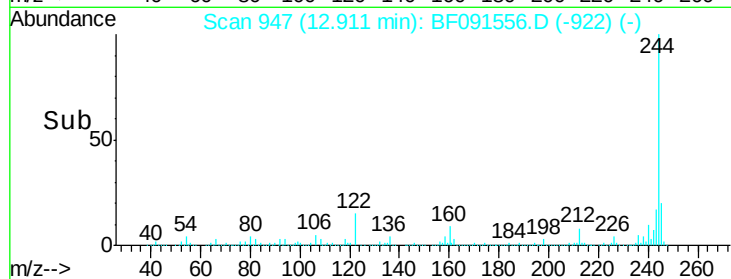
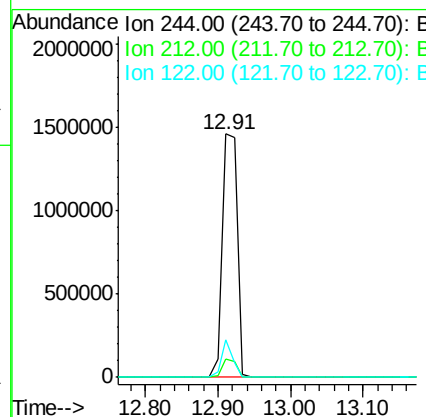
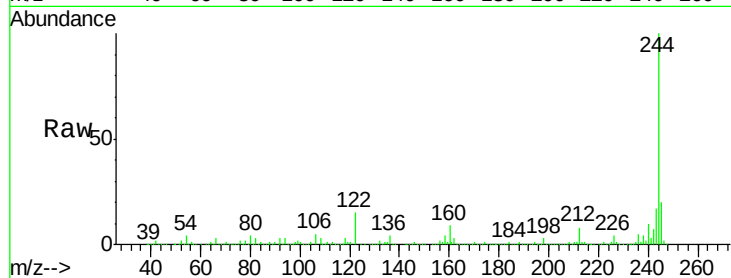




#78
 Terphenyl-d14
 Concen: 67.03 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.01 min
 Lab File: BF091556.D
 Acq: 13 Dec 2016 16:17

Instrument :
 BNA_F
 ClientSampleId :
 SS07-0-2IN

Tgt Ion:244 Resp: 2088420
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.5 9.7
 122 15.4 9.5 14.3#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.37 min Scan# 1162
 Delta R.T. -0.01 min
 Lab File: BF091556.D
 Acq: 13 Dec 2016 16:17

Tgt Ion:264 Resp: 607020
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.8 17.0 25.6

