

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
 Data File : BF092843.D
 Acq On : 7 Feb 2017 22:08
 Operator : SJ/MA
 Sample : I1751-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Feb 07 23:53:23 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

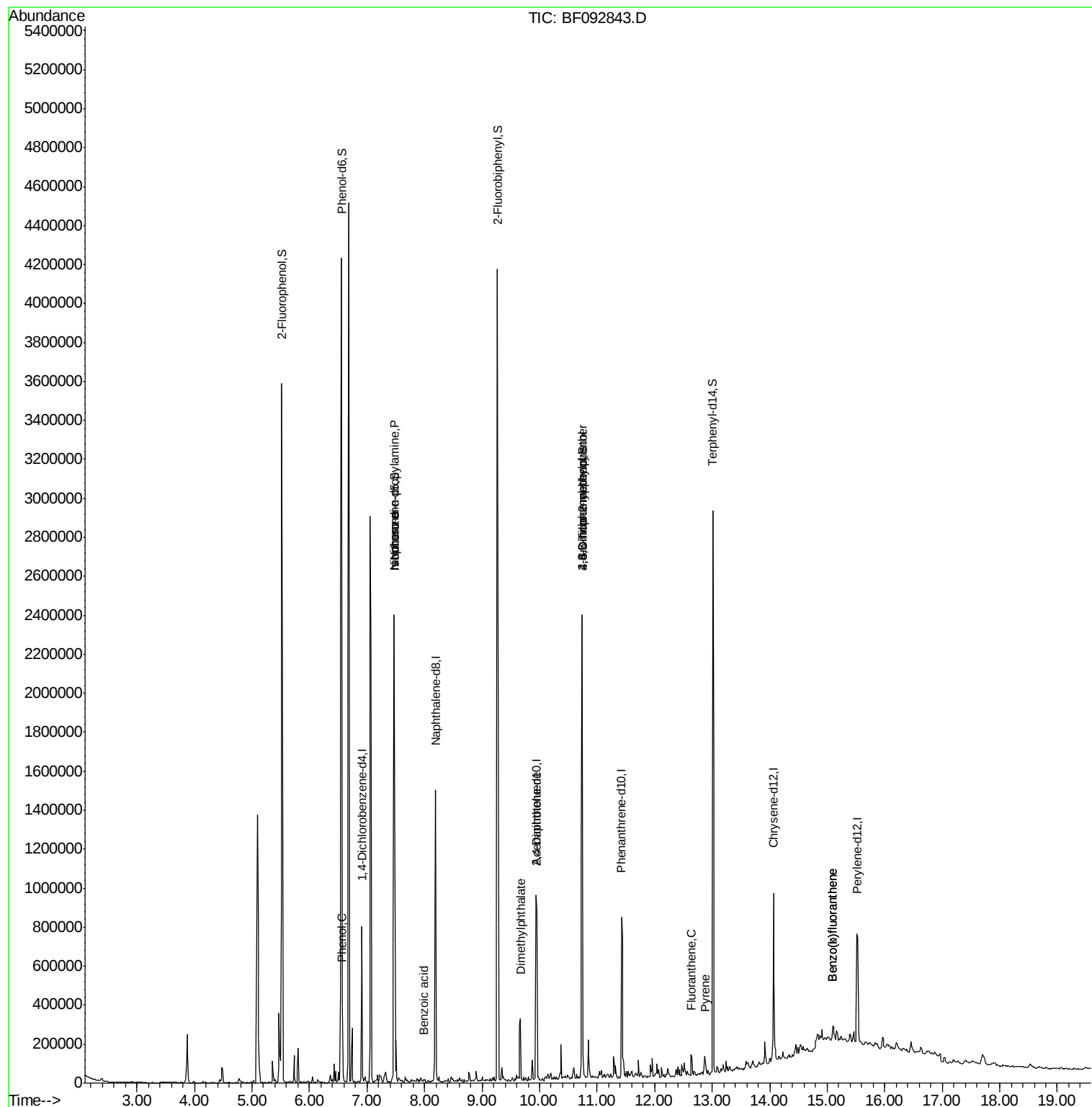
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	157038	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	631223	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	307442	20.00	ng	-0.06
63) Phenanthrene-d10	11.42	188	428548	20.00	ng	-0.07
75) Chrysene-d12	14.07	240	315558	20.00	ng	-0.08
86) Perylene-d12	15.53	264	308963	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1353481	147.87	ng	-0.06
7) Phenol-d6	6.56	99	1722271	146.23	ng	-0.05
23) Nitrobenzene-d5	7.47	82	984145	86.82	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	289899	130.37	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1715024	101.06	ng	-0.07
78) Terphenyl-d14	13.01	244	1105097	82.29	ng	-0.07
Target Compounds						
10) Phenol	6.57	94	102085	7.41	ng	# 63
19) n-Nitroso-di-n-propylamine	7.47	70	132993	17.74	ng	# 84
25) Isophorone	7.47	82	976420	46.23	ng	# 65
32) Benzoic acid	7.98	122	330	7.22	ng	# 27
49) Dimethylphthalate	9.66	163	186804	9.02	ng	# 98
56) 2,4-Dinitrotoluene	9.95	165	40900	6.87	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.74	198	851	2.98	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	23500	5.25	ng	# 1
74) Fluoranthene	12.64	202	53489	2.11	ng	95
77) Pyrene	12.88	202	54102	2.29	ng	99
87) Benzo(b)fluoranthene	15.09	252	47365	2.33	ng	# 84
88) Benzo(k)fluoranthene	15.09	252	47393	2.70	ng	# 84

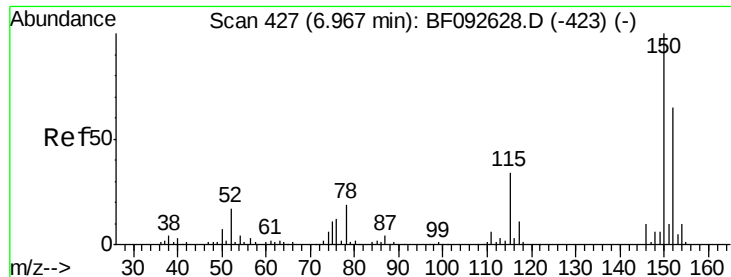
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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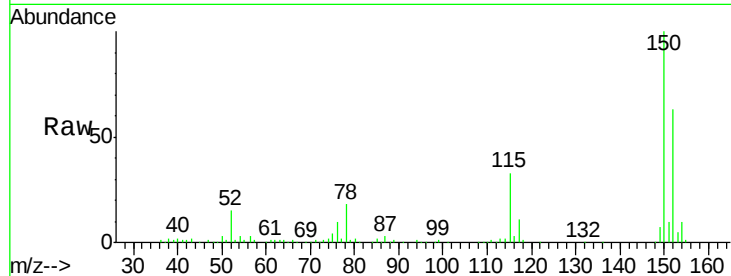




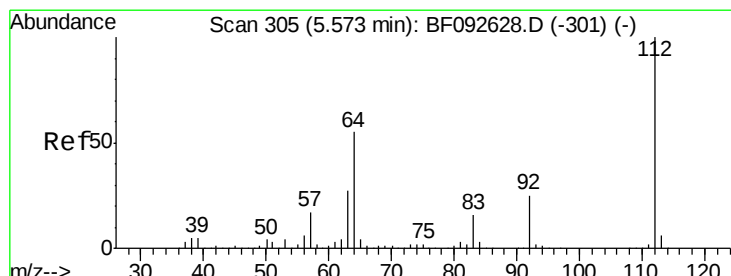
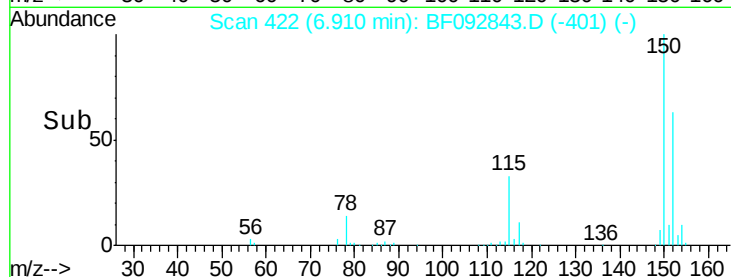
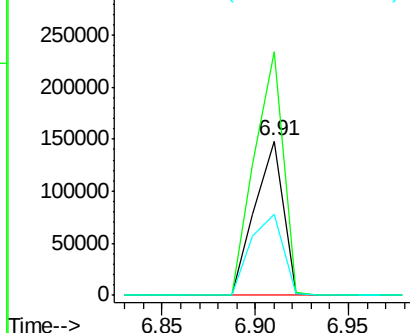
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.91 min Scan# 422
 Delta R.T. -0.06 min
 Lab File: BF092843.D
 Acq: 7 Feb 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Tgt Ion:152 Resp: 157038
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.9 187.3
 115 52.5 46.0 69.0

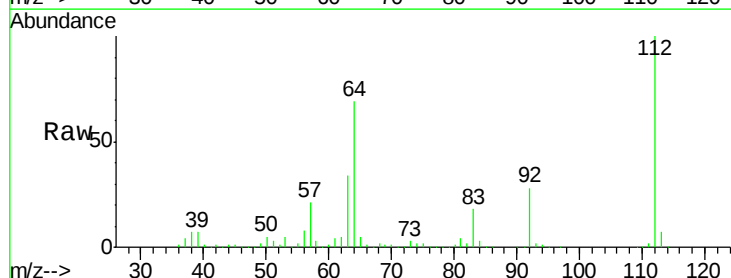


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

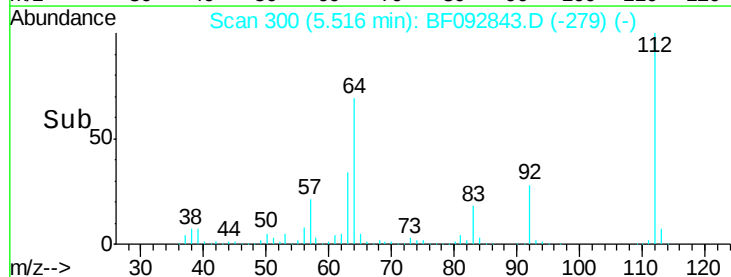
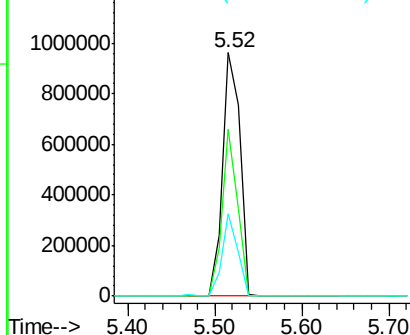


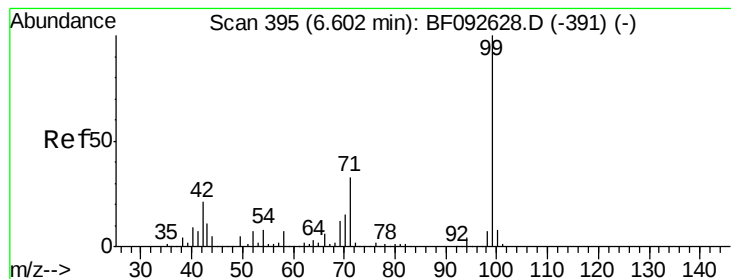
#5
 2-Fluorophenol
 Concen: 147.87 ng
 RT: 5.52 min Scan# 300
 Delta R.T. -0.06 min
 Lab File: BF092843.D
 Acq: 7 Feb 2017 22:08

Tgt Ion:112 Resp: 1353481
 Ion Ratio Lower Upper
 112 100
 64 68.5 46.1 69.1
 63 33.9 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: 146.23 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

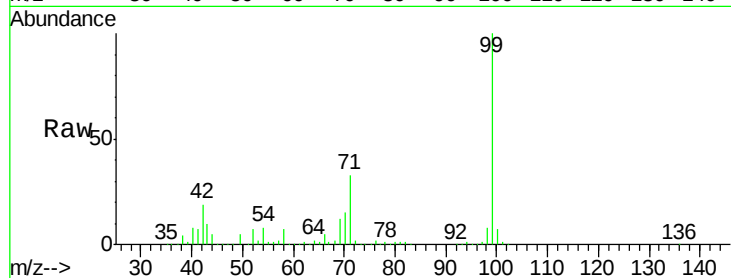
Tgt Ion: 99 Resp: 1722271

Ion Ratio Lower Upper

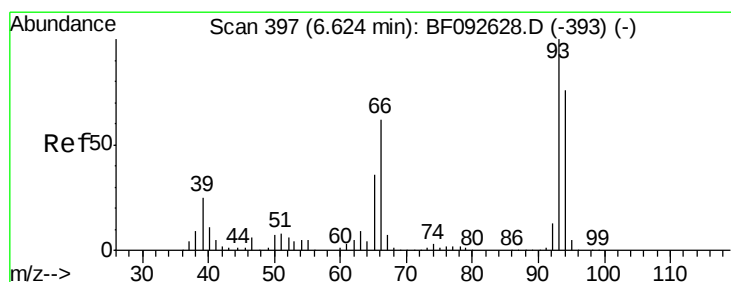
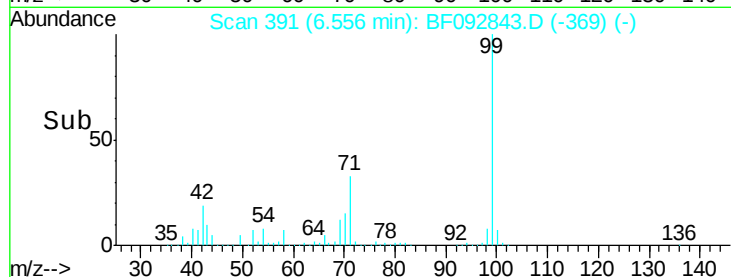
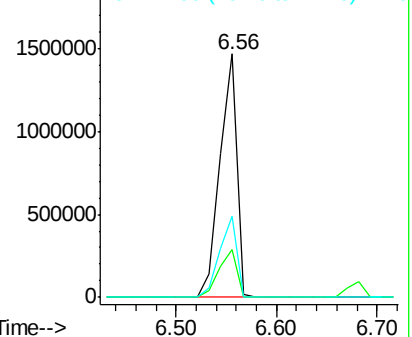
99 100

42 19.4 15.6 23.4

71 33.2 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: 7.41 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.06 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

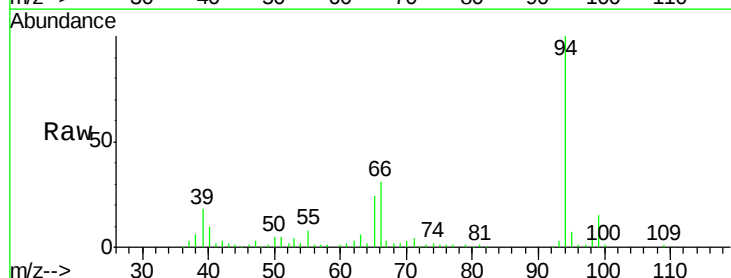
Tgt Ion: 94 Resp: 102085

Ion Ratio Lower Upper

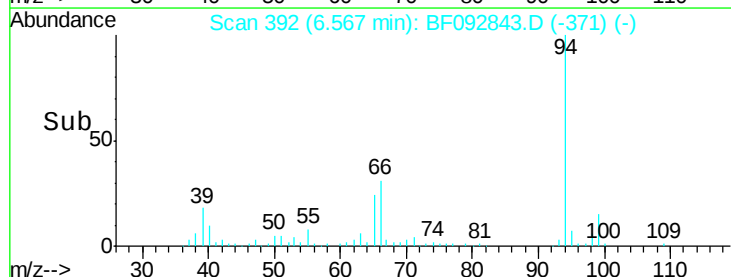
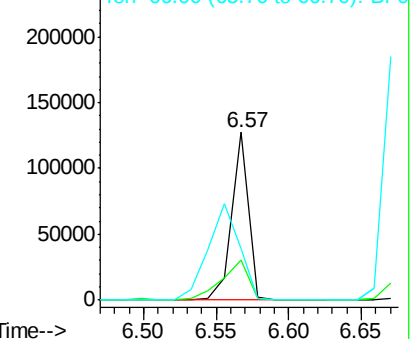
94 100

65 23.6 21.4 61.4

66 30.5 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

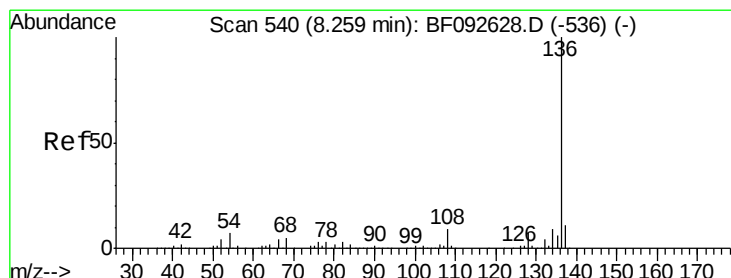
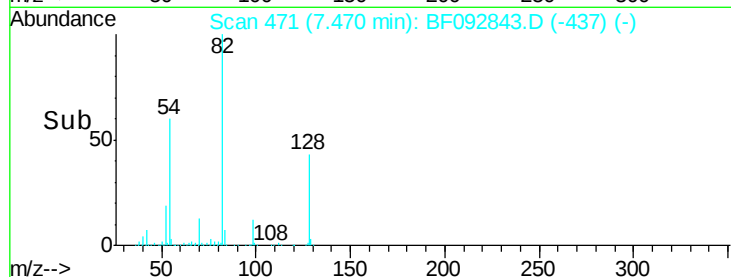
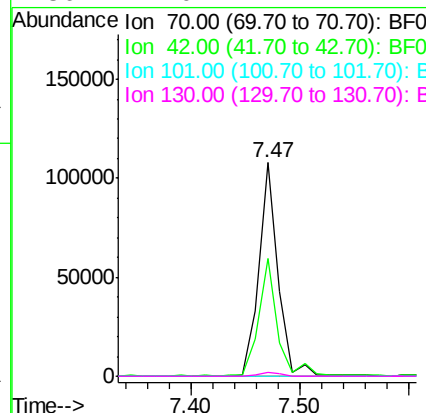
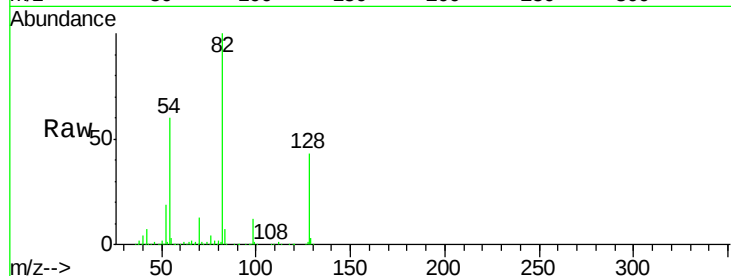




#19
n-Nitroso-di-n-propylamine
Concen: 17.74 ng
RT: 7.47 min Scan# 471
Delta R.T. 0.09 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

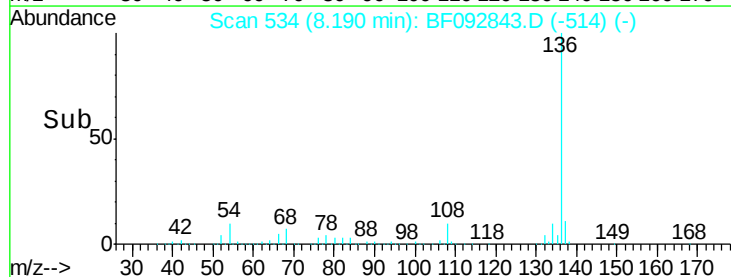
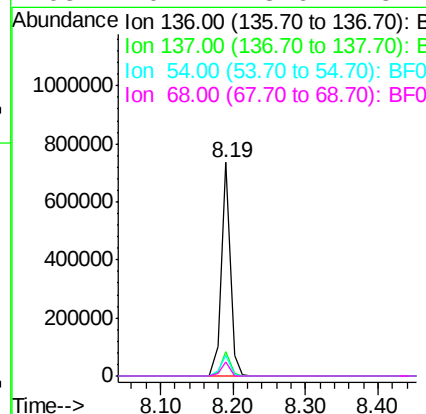
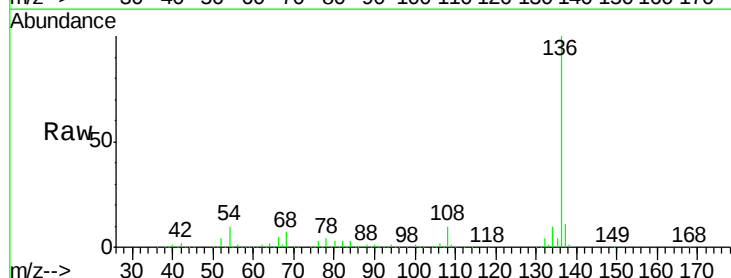
Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

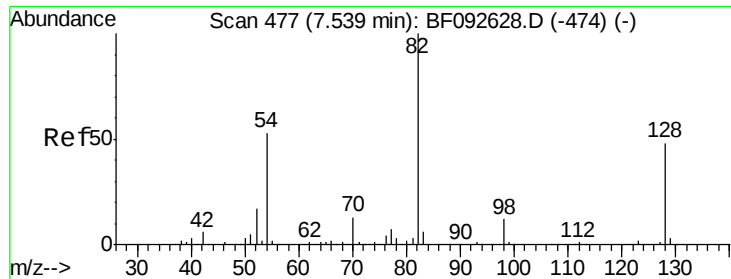
Tgt Ion: 70 Resp: 132993
Ion Ratio Lower Upper
70 100
42 55.1 49.4 74.0
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion: 136 Resp: 631223
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.6 4.5 6.7#
68 6.7 3.6 5.4#

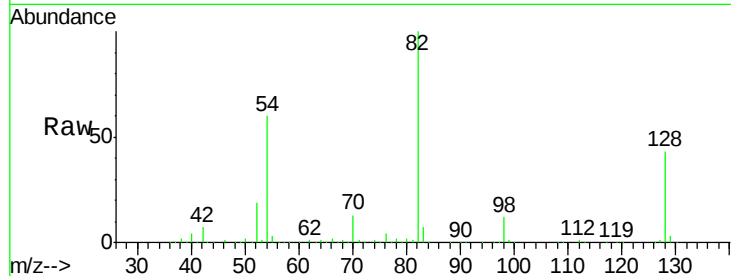




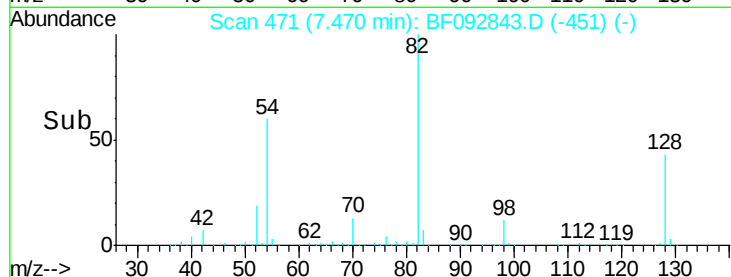
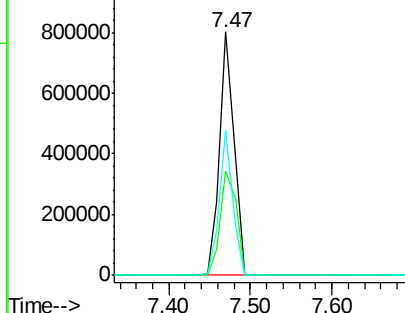
#23
 Nitrobenzene-d5
 Concen: 86.82 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.07 min
 Lab File: BF092843.D
 Acq: 7 Feb 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Tgt Ion: 82 Resp: 984145
 Ion Ratio Lower Upper
 82 100
 128 42.8 34.6 52.0
 54 59.6 39.5 59.3#

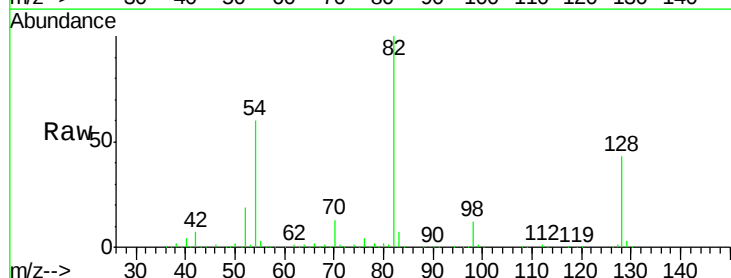


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

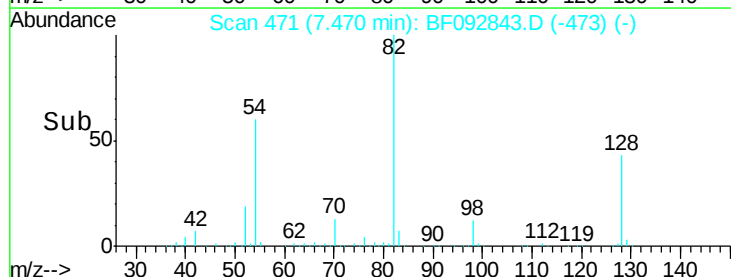
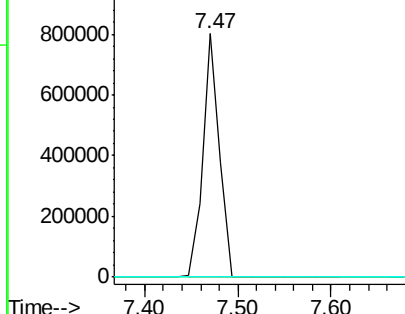


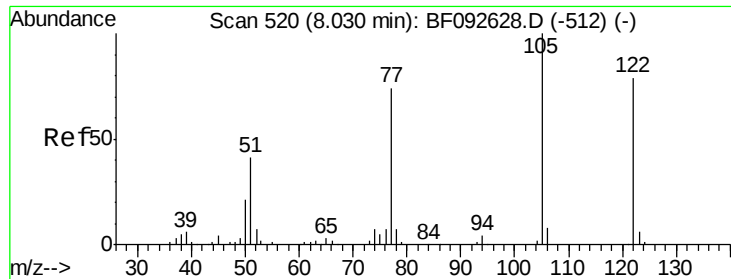
#25
 Isophorone
 Concen: 46.23 ng
 RT: 7.47 min Scan# 471
 Delta R.T. -0.32 min
 Lab File: BF092843.D
 Acq: 7 Feb 2017 22:08

Tgt Ion: 82 Resp: 976420
 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

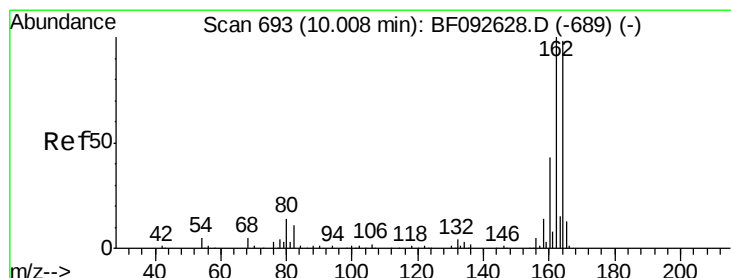
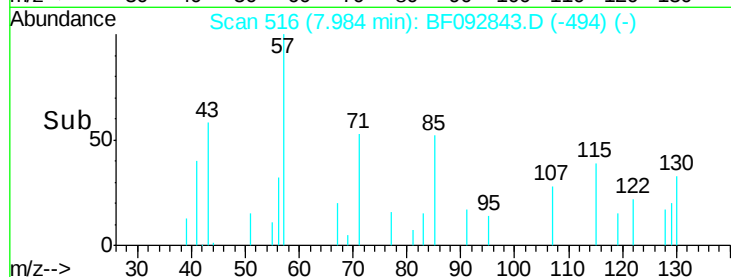
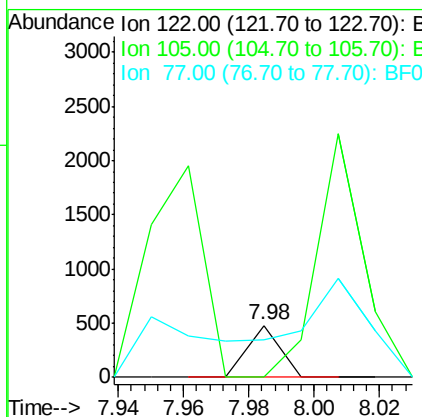
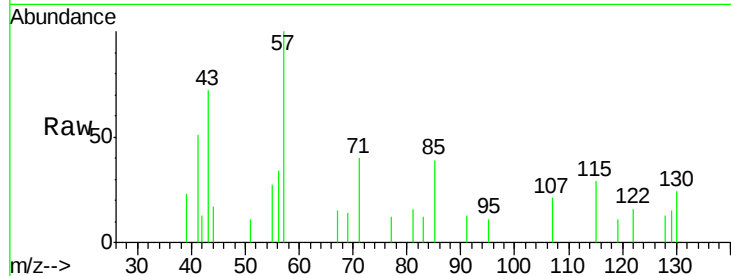




#32
Benzoic acid
Concen: 7.22 ng
RT: 7.98 min Scan# 516
Delta R.T. -0.05 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

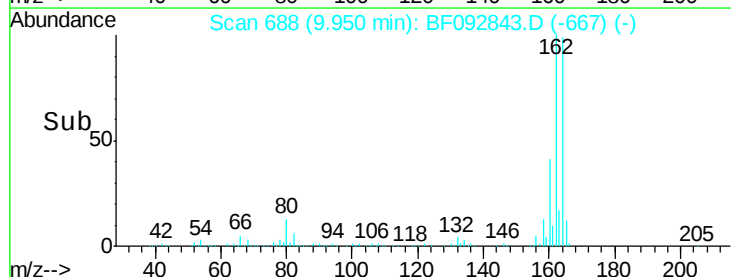
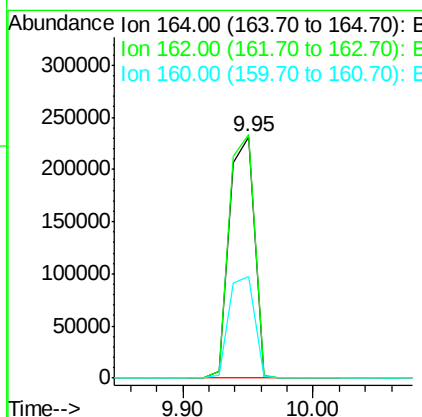
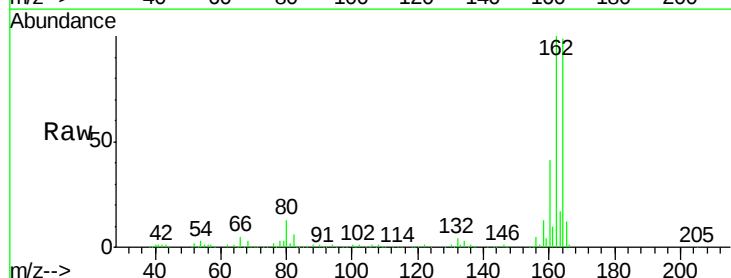
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BNA_F
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ROLL-OFF-COMP

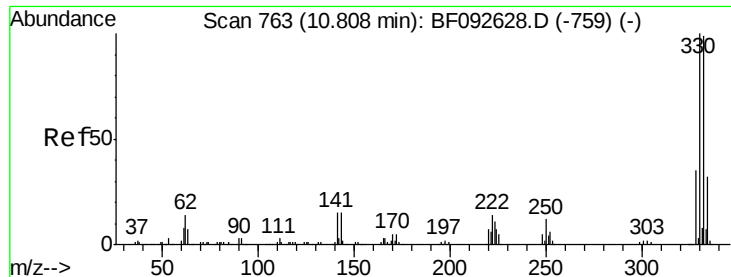
Tgt Ion:122 Resp: 330
Ion Ratio Lower Upper
122 100
105 0.0 107.2 147.2#
77 72.3 74.5 114.5#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.06 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:164 Resp: 307442
Ion Ratio Lower Upper
164 100
162 100.7 80.2 120.2
160 41.8 36.9 55.3

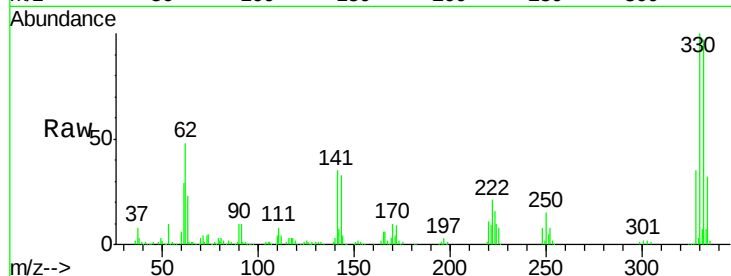




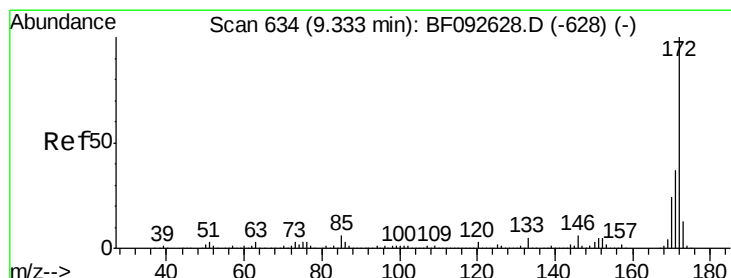
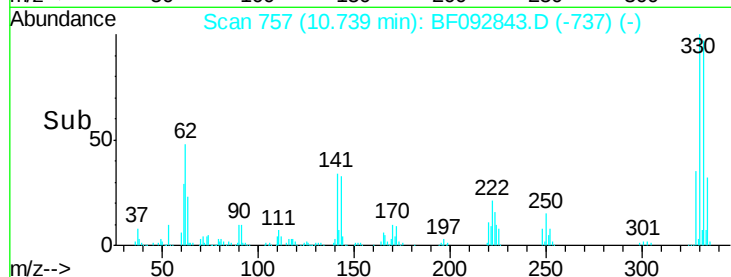
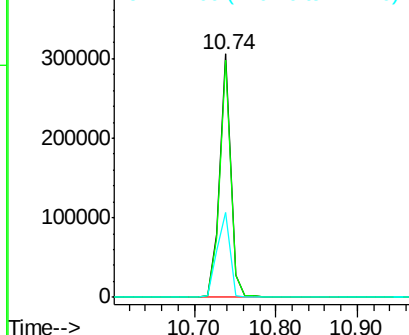
#41
 2,4,6-Tribromophenol
 Concen: 130.37 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092843.D
 Acq: 7 Feb 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Tgt Ion:330 Resp: 289899
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 41.5 34.1 51.1

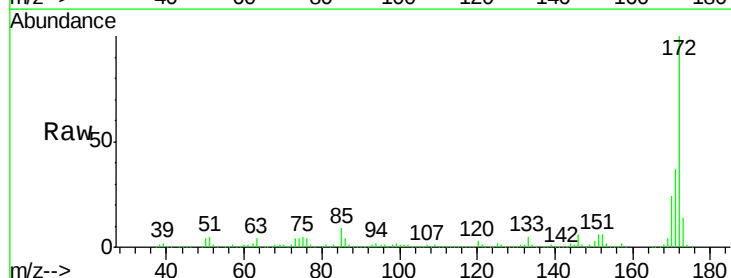


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

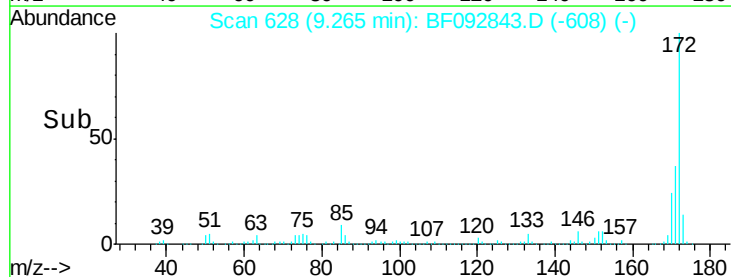
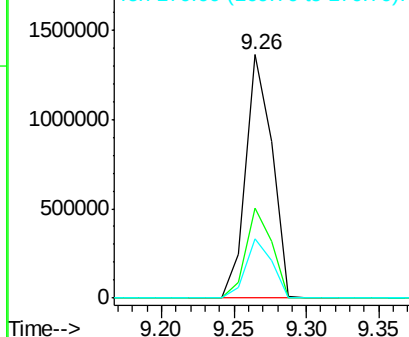


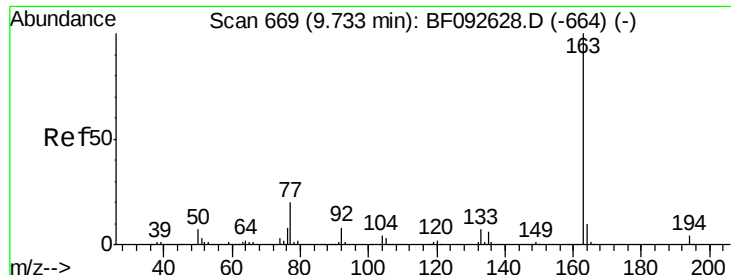
#44
 2-Fluorobiphenyl
 Concen: 101.06 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092843.D
 Acq: 7 Feb 2017 22:08

Tgt Ion:172 Resp: 1715024
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 24.3 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: 9.02 ng

RT: 9.66 min Scan# 663

Delta R.T. -0.07 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

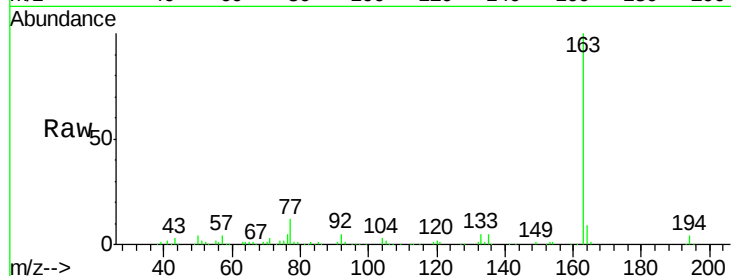
Tgt Ion:163 Resp: 186804

Ion Ratio Lower Upper

163 100

194 4.4 3.0 4.4#

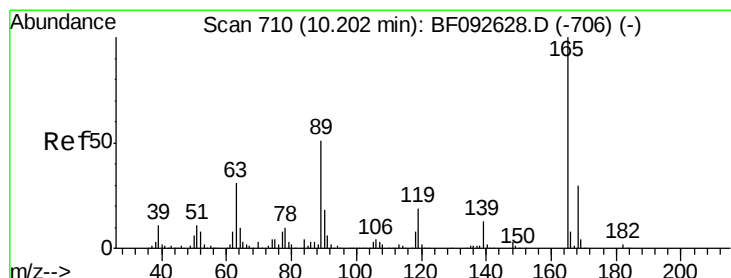
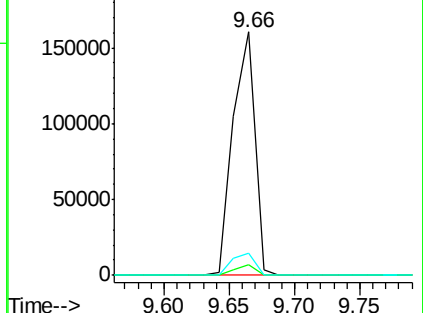
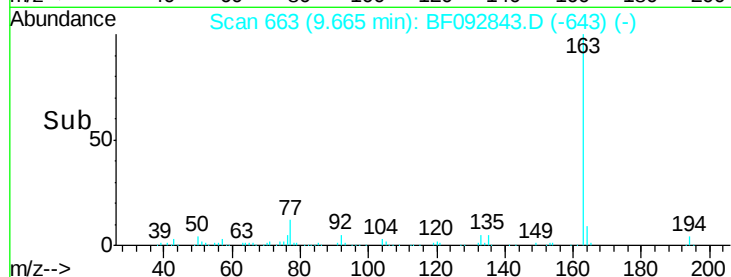
164 9.1 8.0 12.0



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: 6.87 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.25 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

Tgt Ion:165 Resp: 40900

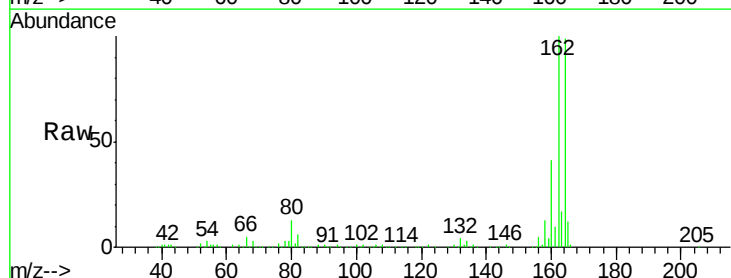
Ion Ratio Lower Upper

165 100

63 0.0 40.2 60.4#

89 0.0 62.5 93.7#

182 0.0 1.8 2.8#

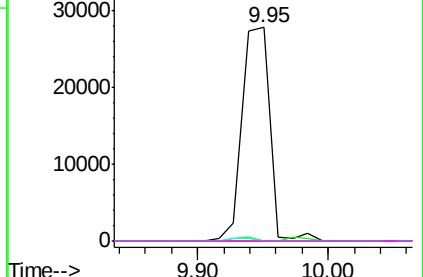
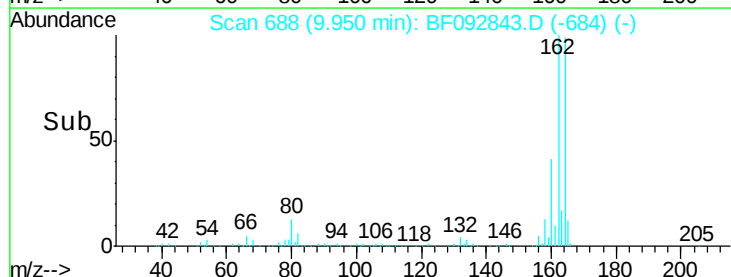


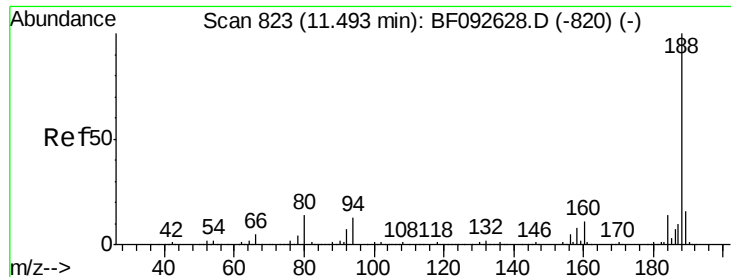
Abundance Ion 165.00 (164.70 to 165.70): E

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

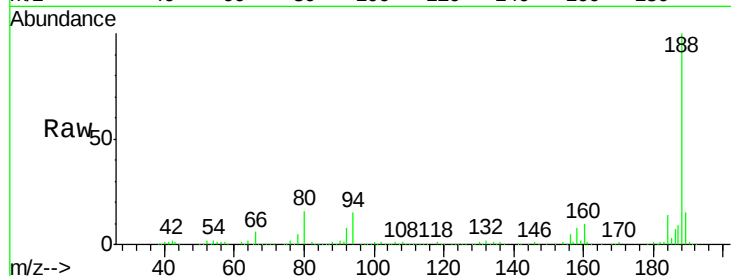




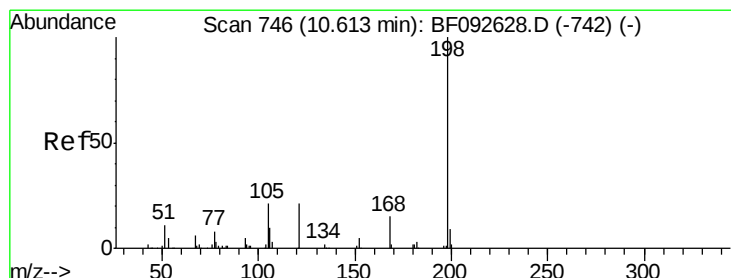
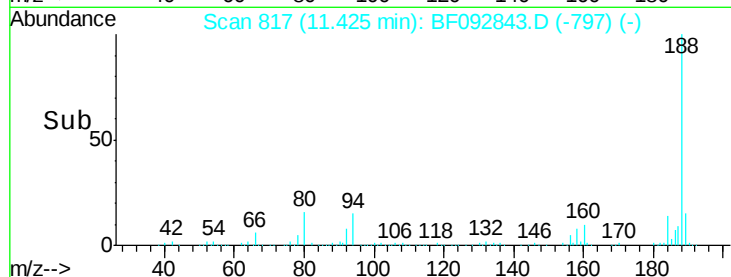
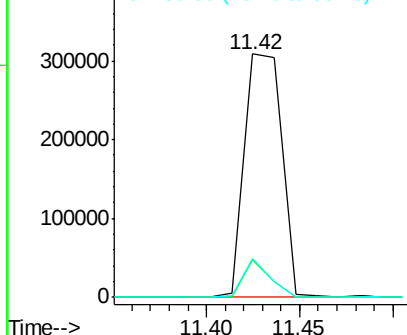
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 817
 Delta R.T. -0.07 min
 Lab File: BF092843.D
 Acq: 7 Feb 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

Tgt Ion:188 Resp: 428548
 Ion Ratio Lower Upper
 188 100
 94 15.3 10.0 15.0#
 80 15.7 11.2 16.8

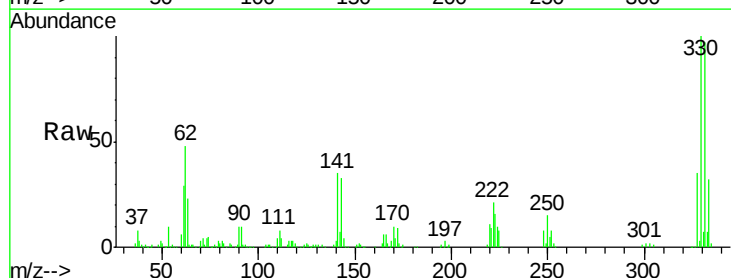


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

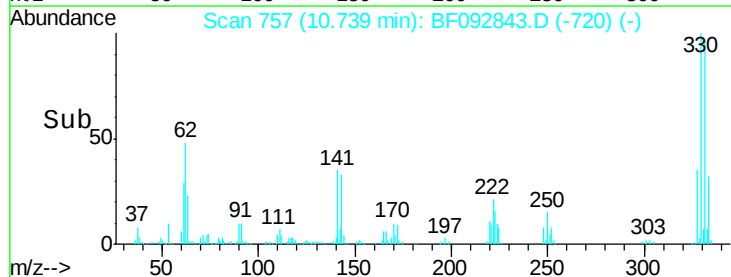
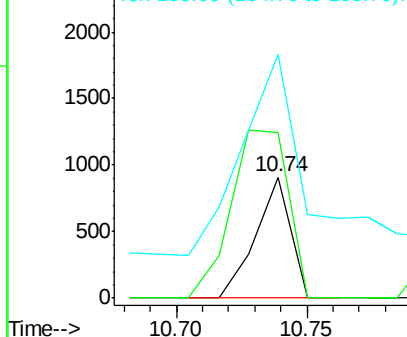


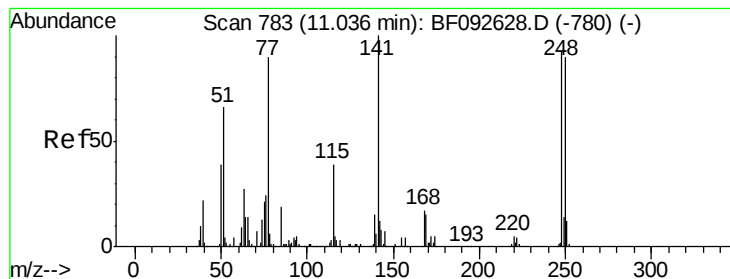
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.98 ng
 RT: 10.74 min Scan# 757
 Delta R.T. 0.13 min
 Lab File: BF092843.D
 Acq: 7 Feb 2017 22:08

Tgt Ion:198 Resp: 851
 Ion Ratio Lower Upper
 198 100
 51 137.0 6.7 46.7#
 105 201.0 16.6 56.6#



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: 5.25 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.30 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

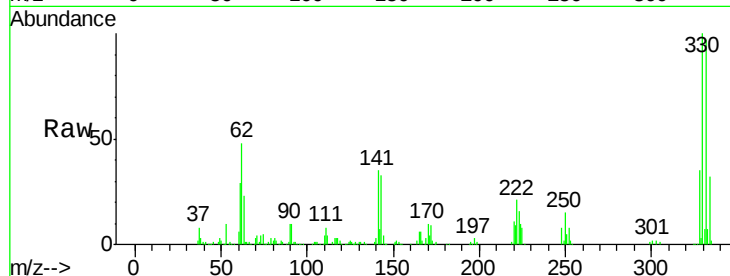
Tgt Ion:248 Resp: 23500

Ion Ratio Lower Upper

248 100

250 189.8 76.9 115.3#

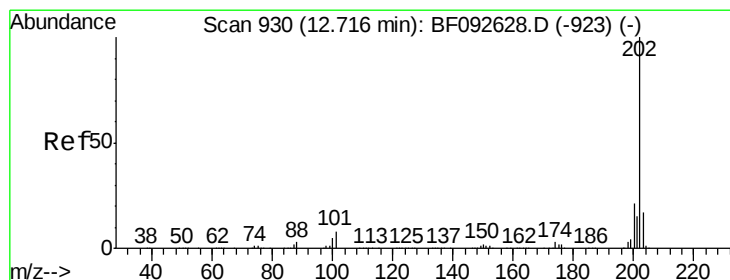
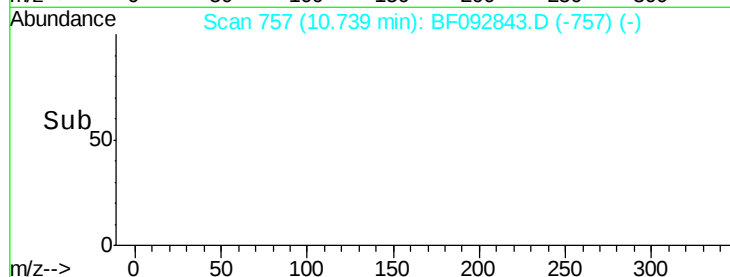
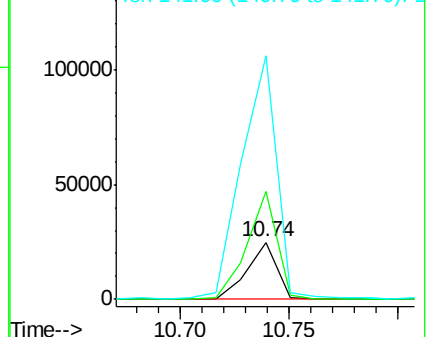
141 429.0 68.2 102.4#



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



#74

Fluoranthene

Concen: 2.11 ng

RT: 12.64 min Scan# 923

Delta R.T. -0.08 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

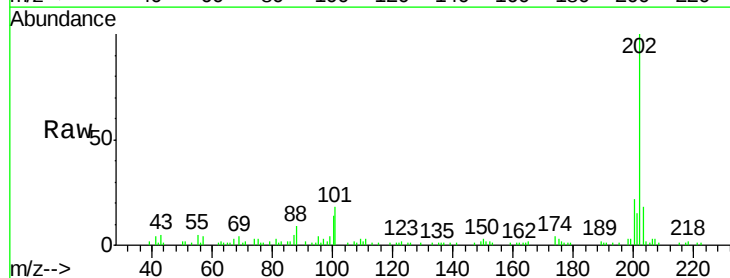
Tgt Ion:202 Resp: 53489

Ion Ratio Lower Upper

202 100

101 18.3 0.0 34.6

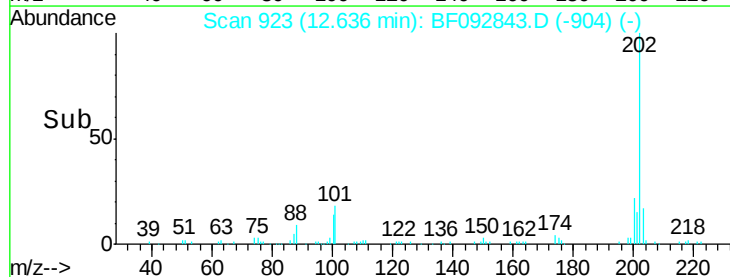
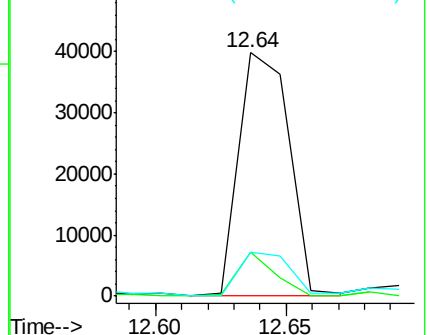
203 18.1 0.0 38.7

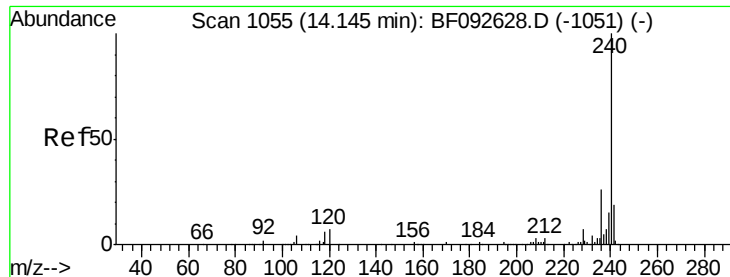


Abundance Ion 202.00 (201.70 to 202.70): E

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: 14.07 min Scan# 1048

Delta R.T. -0.08 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

Instrument :

BNA_F

ClientSampleId :

ROLL-OFF-COMP

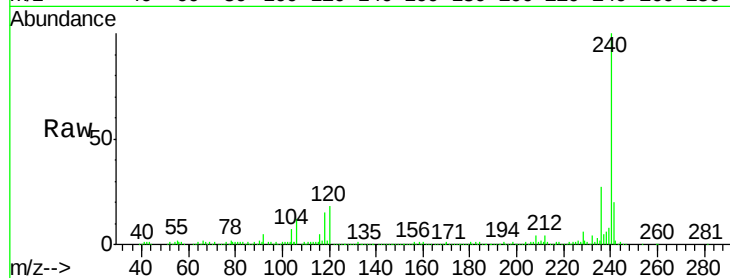
Tgt Ion:240 Resp: 315558

Ion Ratio Lower Upper

240 100

120 18.0 12.9 19.3

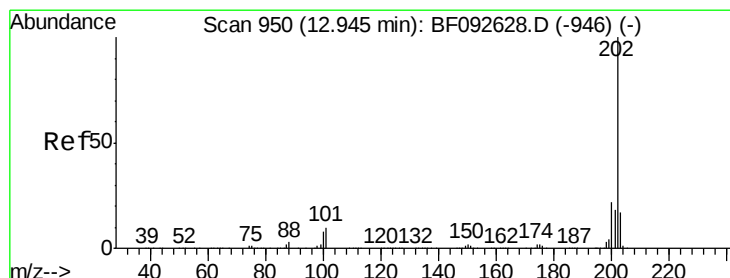
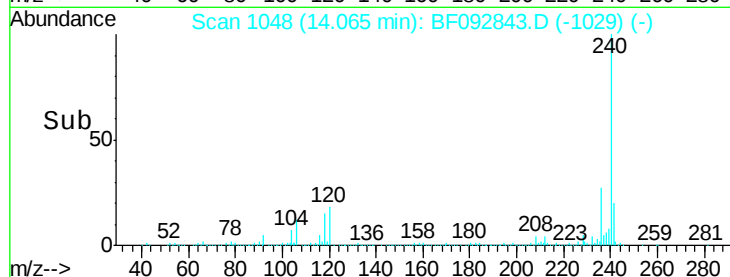
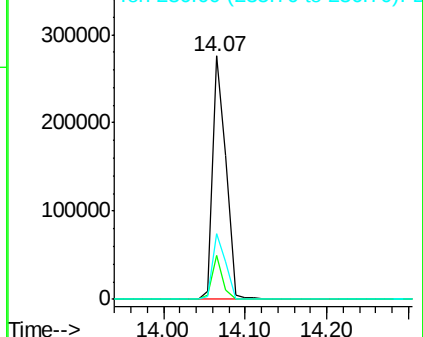
236 26.8 20.9 31.3



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



#77

Pyrene

Concen: 2.29 ng

RT: 12.88 min Scan# 944

Delta R.T. -0.07 min

Lab File: BF092843.D

Acq: 7 Feb 2017 22:08

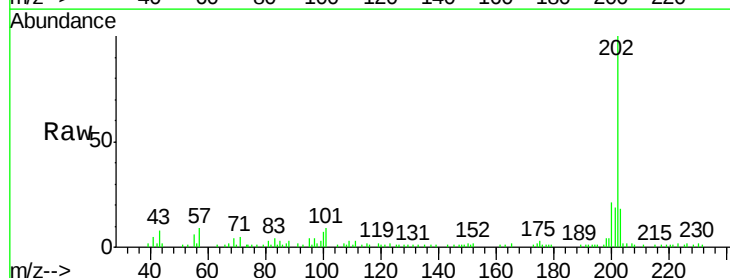
Tgt Ion:202 Resp: 54102

Ion Ratio Lower Upper

202 100

200 21.2 17.7 26.5

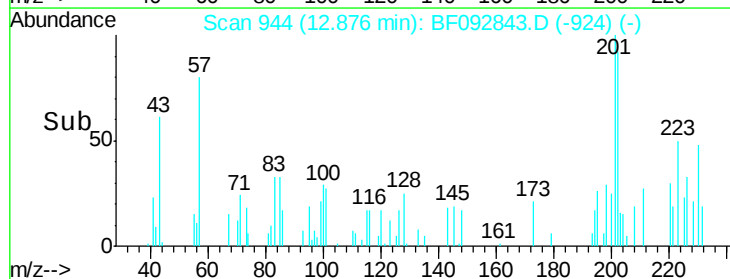
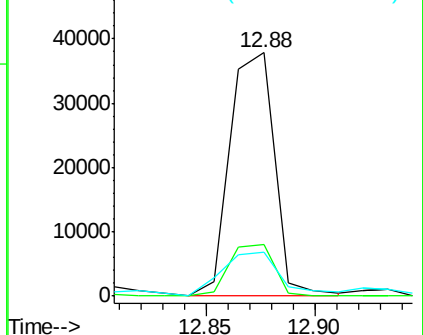
203 18.1 14.7 22.1

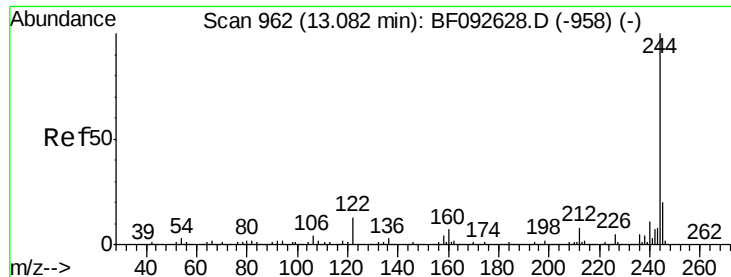


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

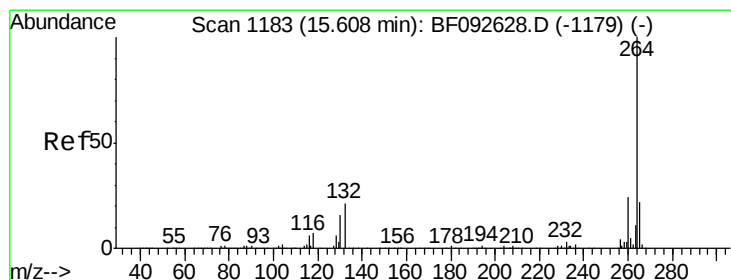
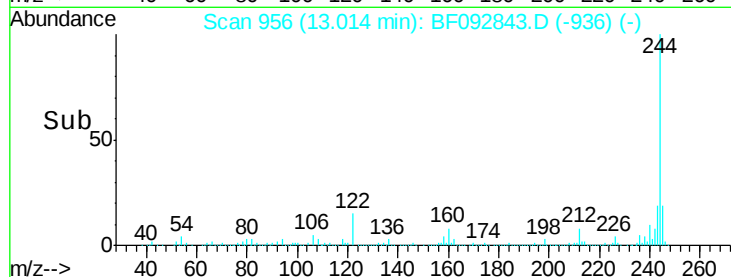
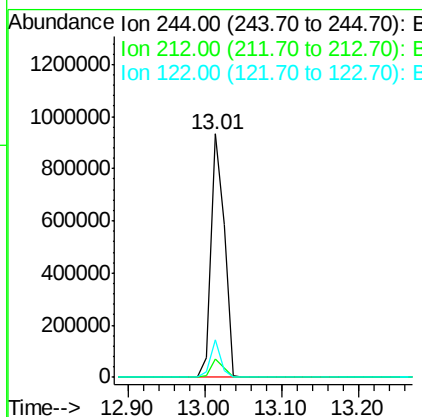
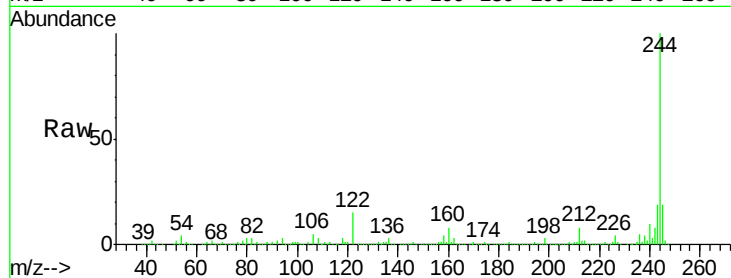




#78
 Terphenyl-d14
 Concen: 82.29 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092843.D
 Acq: 7 Feb 2017 22:08

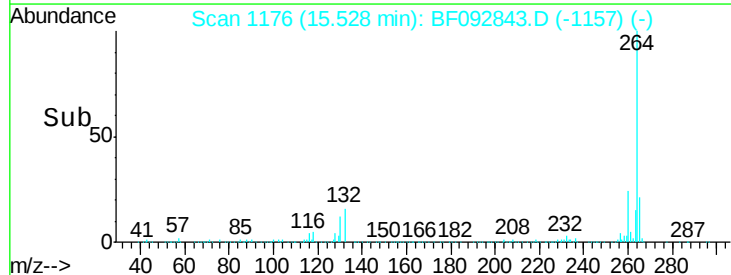
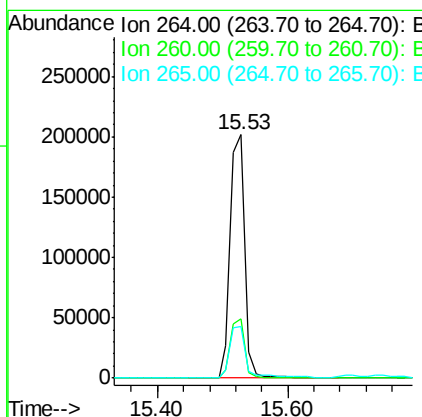
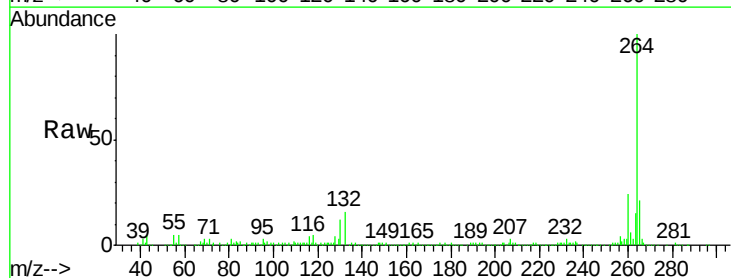
Instrument :
 BNA_F
 ClientSampleId :
 ROLL-OFF-COMP

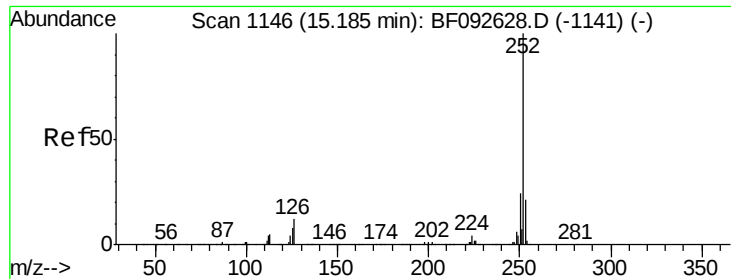
Tgt Ion:244 Resp: 1105097
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 15.2 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF092843.D
 Acq: 7 Feb 2017 22:08

Tgt Ion:264 Resp: 308963
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 21.0 17.4 26.0

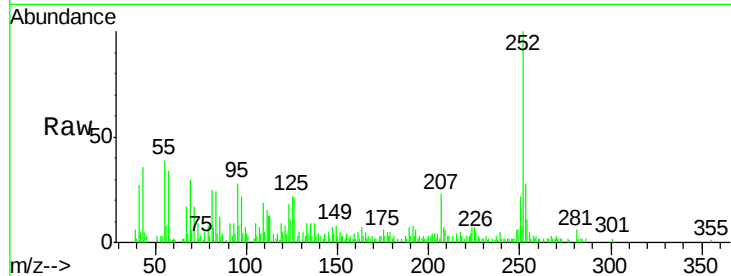




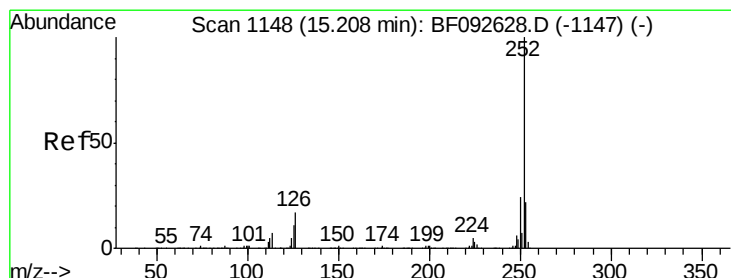
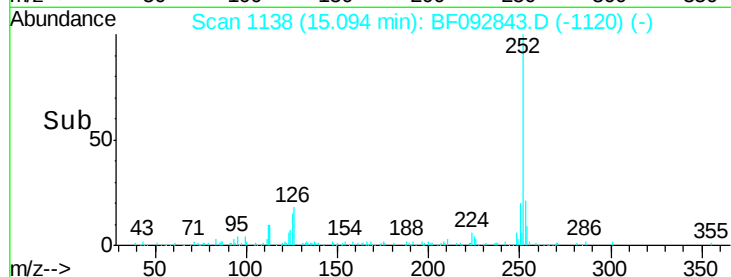
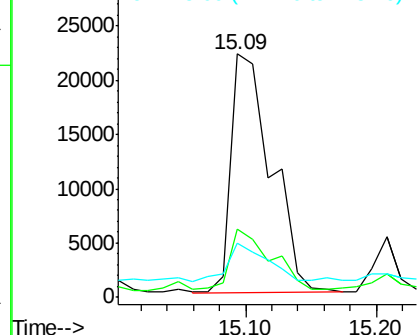
#87
Benzo(b)fluoranthene
Concen: 2.33 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.09 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Instrument :
BNA_F
ClientSampleId :
ROLL-OFF-COMP

Tgt Ion:252 Resp: 47365
Ion Ratio Lower Upper
252 100
253 28.0 18.2 27.4#
125 22.4 9.8 14.6#

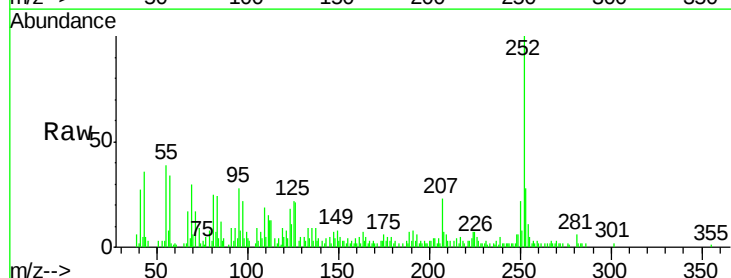


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 2.70 ng
RT: 15.09 min Scan# 1138
Delta R.T. -0.11 min
Lab File: BF092843.D
Acq: 7 Feb 2017 22:08

Tgt Ion:252 Resp: 47393
Ion Ratio Lower Upper
252 100
253 28.0 18.5 27.7#
125 22.4 8.9 13.3#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

