

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093614.D
 Acq On : 13 Mar 2017 18:23
 Operator : SJ/MA
 Sample : I2174-24
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-77

Quant Time: Mar 14 01:04:21 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

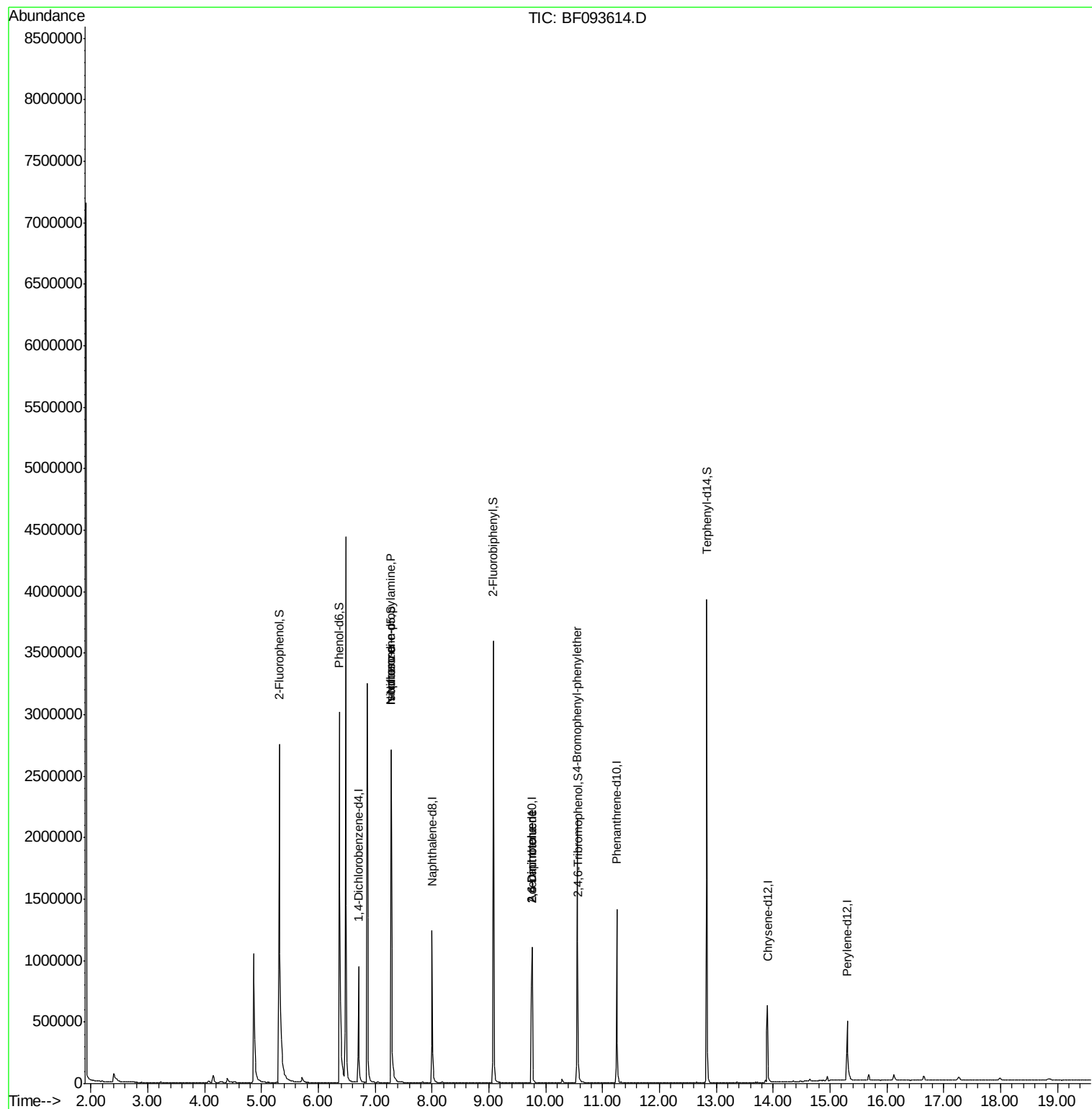
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	156260	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	625232	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	292216	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	535678	20.00	ng	0.00
75) Chrysene-d12	13.90	240	313126	20.00	ng	0.01
86) Perylene-d12	15.31	264	243042	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1218080	129.74	ng	0.00
7) Phenol-d6	6.37	99	1539129	130.00	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1041711	92.44	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	286683	150.58	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1610370	102.50	ng	-0.01
78) Terphenyl-d14	12.84	244	1281927	106.44	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2078	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.28	70	139381	17.12	ng	# 84
25) Isophorone	7.28	82	1016632	44.74	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	35866	8.44	ng	# 31
56) 2,4-Dinitrotoluene	9.76	165	35866	6.87	ng	# 20
66) 4-Bromophenyl-phenylether	10.55	248	21517	3.80	ng	# 1

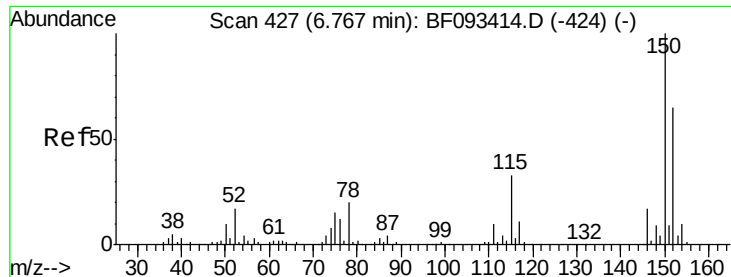
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 422

Delta R.T. -0.01 min

Lab File: BF093614.D

Acq: 13 Mar 2017 18:23

Instrument :

BNA_F

ClientSampled :

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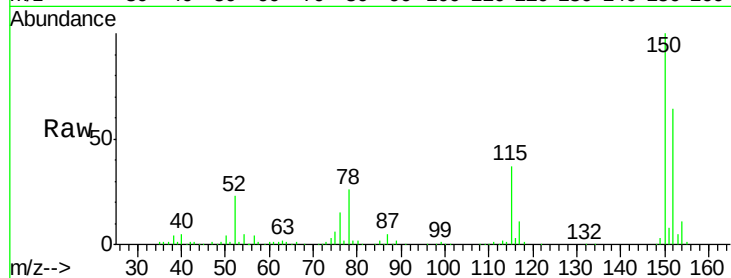
Tgt Ion:152 Resp: 156260

Ion Ratio Lower Upper

152 100

150 155.8 124.9 187.3

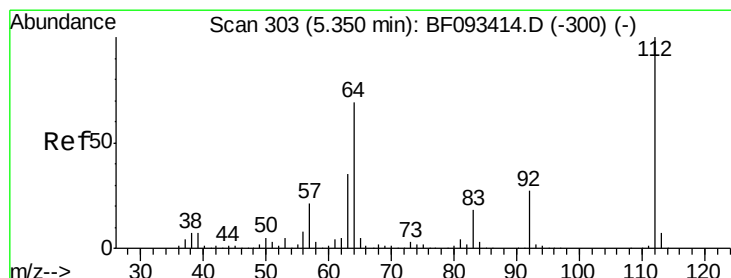
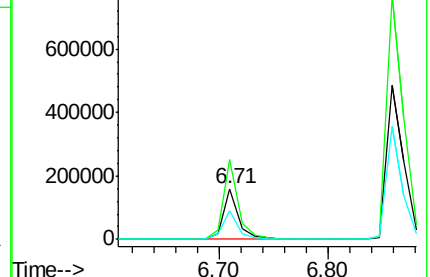
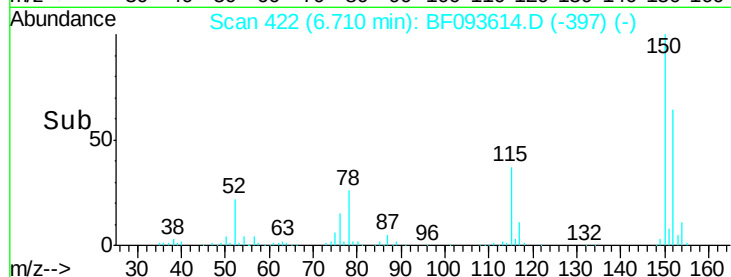
115 57.3 46.0 69.0



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: 129.74 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093614.D

Acq: 13 Mar 2017 18:23

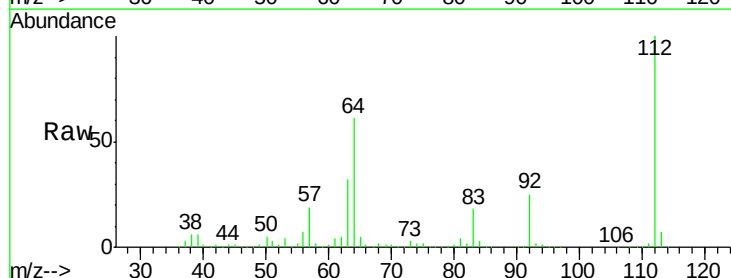
Tgt Ion:112 Resp: 1218080

Ion Ratio Lower Upper

112 100

64 61.0 46.1 69.1

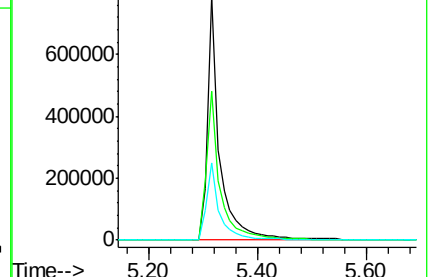
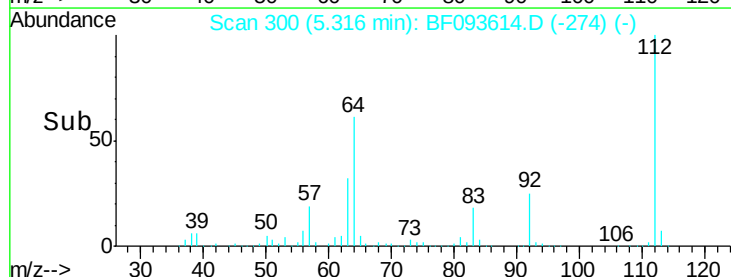
63 31.5 23.8 35.6

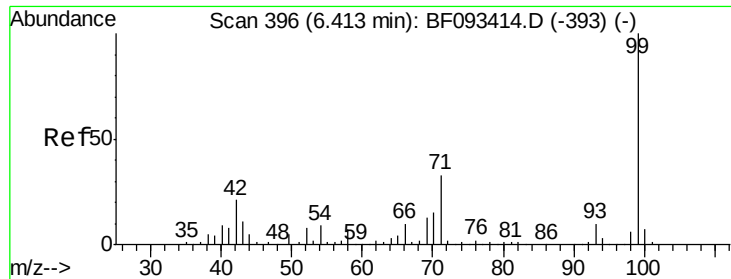


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.00 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093614.D

Acq: 13 Mar 2017 18:23

Instrument :

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ClientSampleId :

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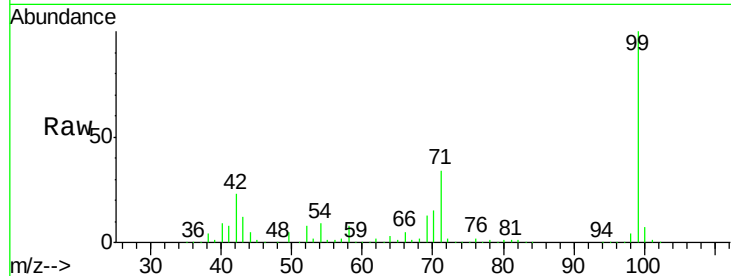
Tgt Ion: 99 Resp: 1539129

Ion Ratio Lower Upper

99 100

42 22.9 15.6 23.4

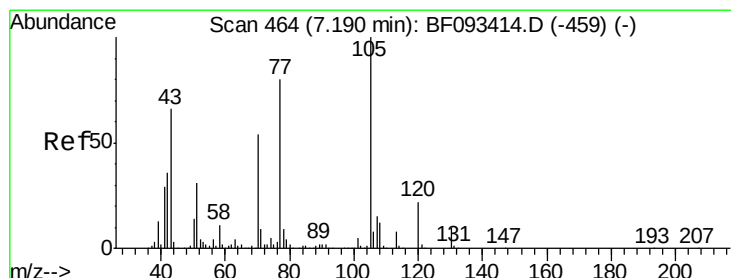
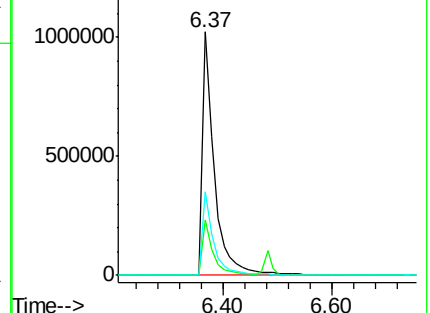
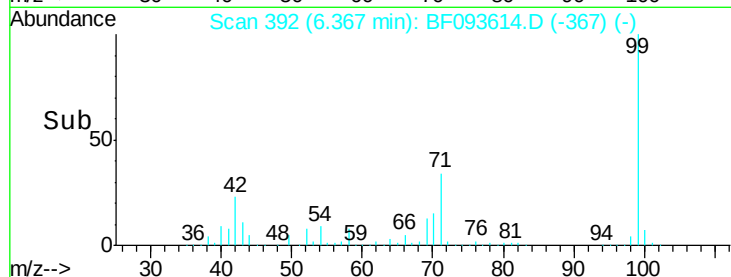
71 34.5 27.5 41.3



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.12 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093614.D

Acq: 13 Mar 2017 18:23

Tgt Ion: 70 Resp: 139381

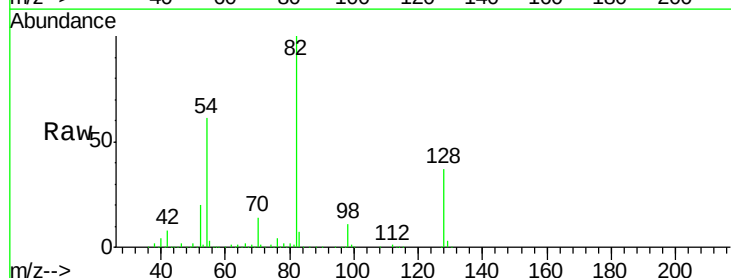
Ion Ratio Lower Upper

70 100

42 55.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

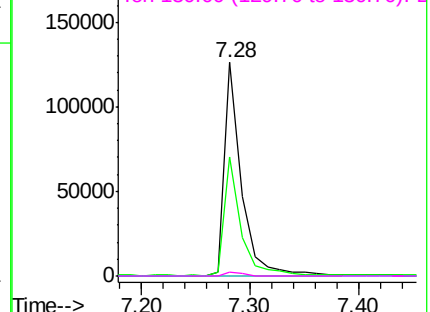
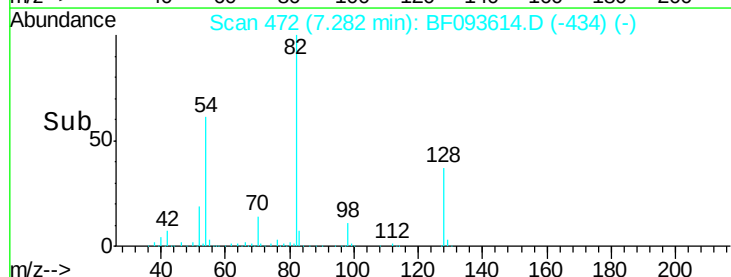


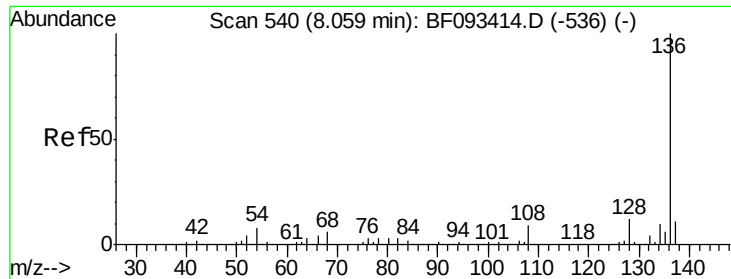
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

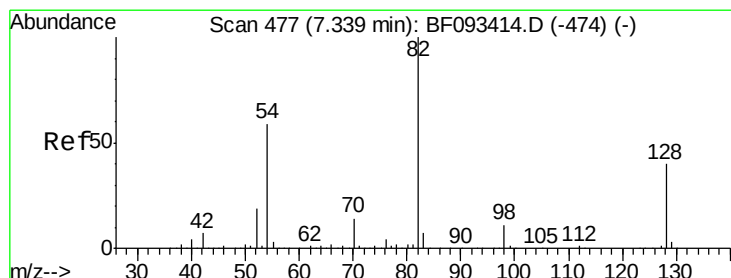
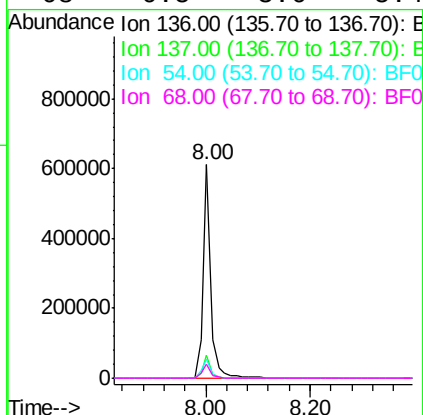
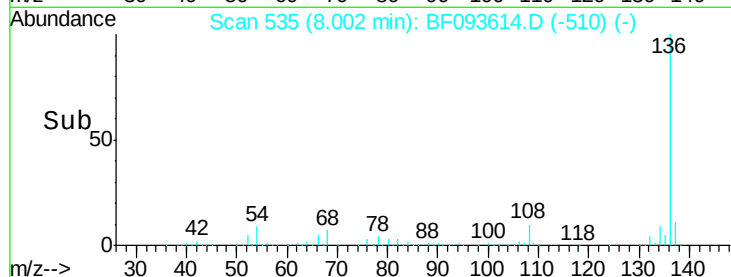
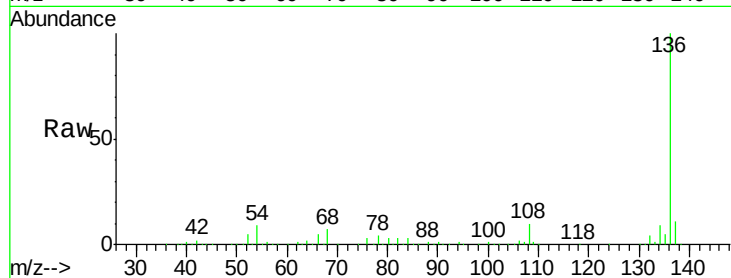




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093614.D
Acq: 13 Mar 2017 18:23

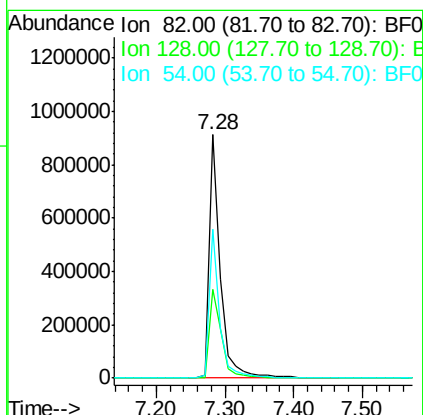
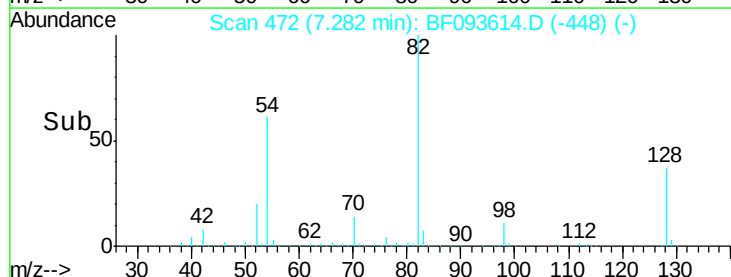
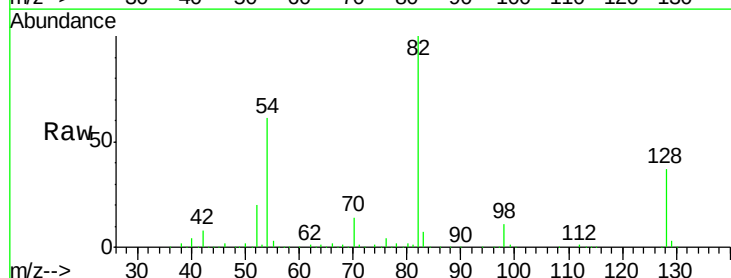
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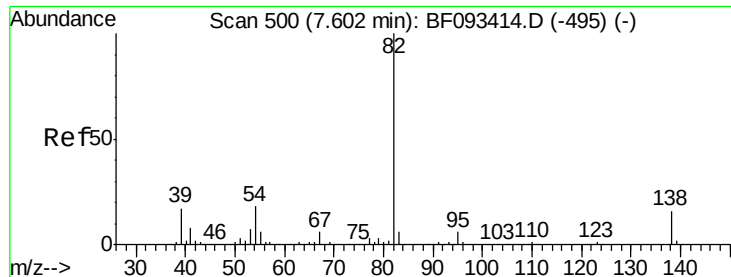
Tgt Ion:	136	Resp:	625232
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	9.0	4.5	6.7#
68	6.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 92.44 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093614.D
Acq: 13 Mar 2017 18:23

Tgt Ion:	82	Resp:	1041711
Ion	Ratio	Lower	Upper
82	100		
128	36.6	34.6	52.0
54	61.0	39.5	59.3#

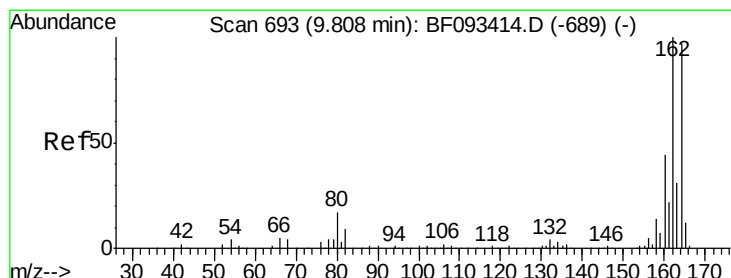
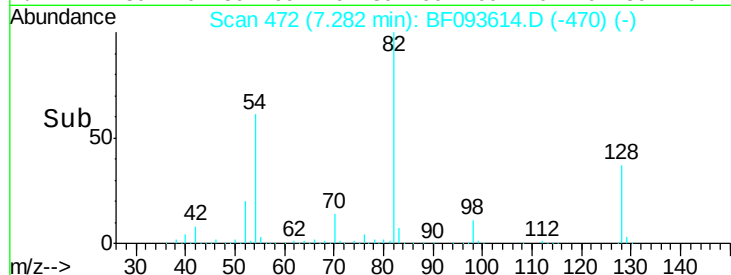
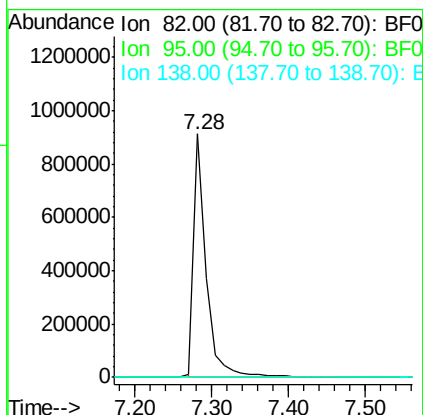
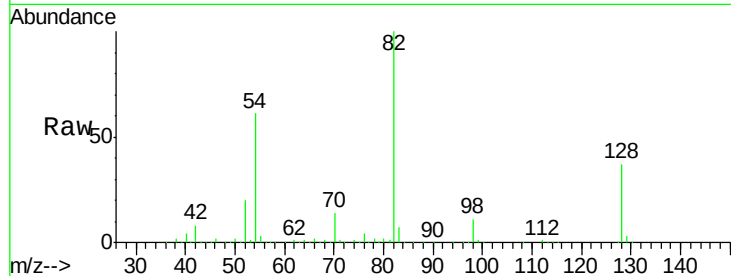




#25
Isophorone
Concen: 44.74 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.27 min
Lab File: BF093614.D
Acq: 13 Mar 2017 18:23

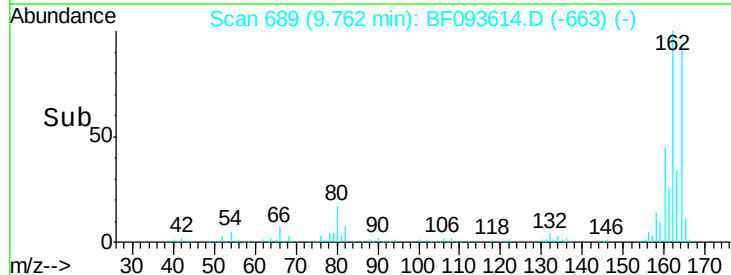
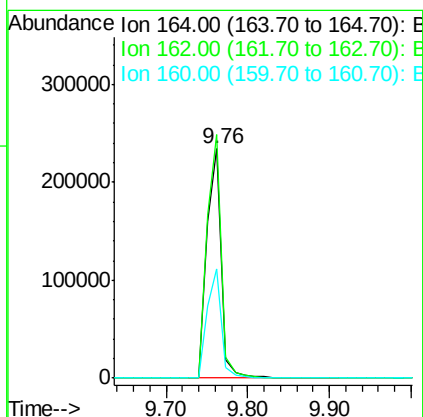
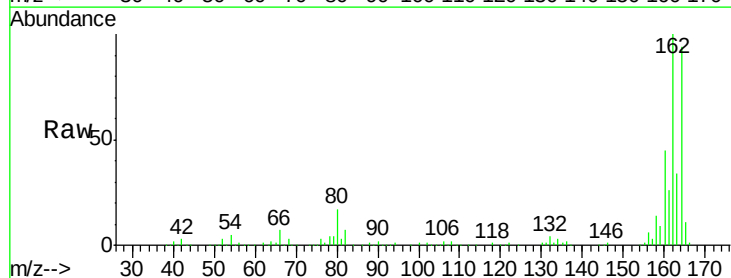
Instrument :
BNA_F
ClientSampleId :
D-77

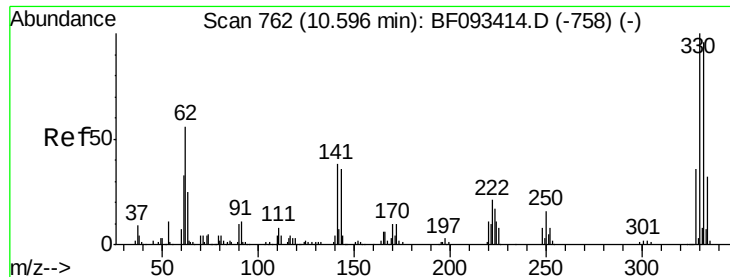
Tgt Ion: 82 Resp: 1016632
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093614.D
Acq: 13 Mar 2017 18:23

Tgt Ion: 164 Resp: 292216
Ion Ratio Lower Upper
164 100
162 106.3 80.2 120.2
160 47.8 36.9 55.3

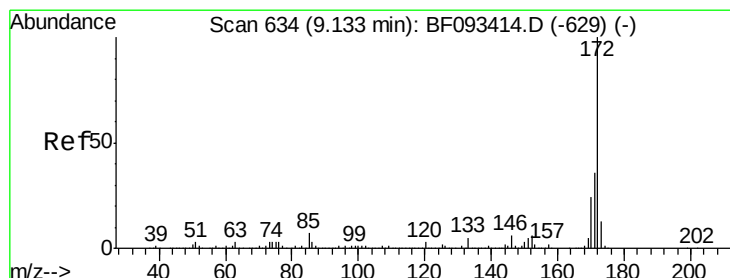
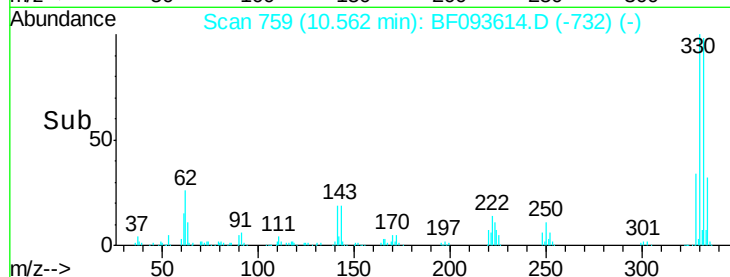
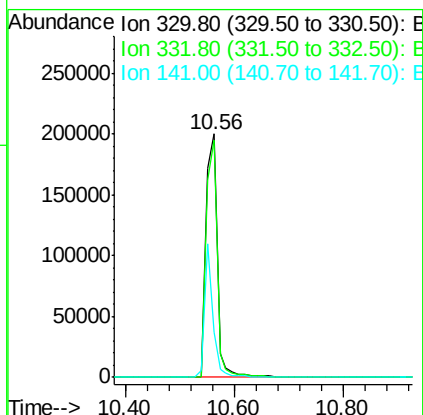
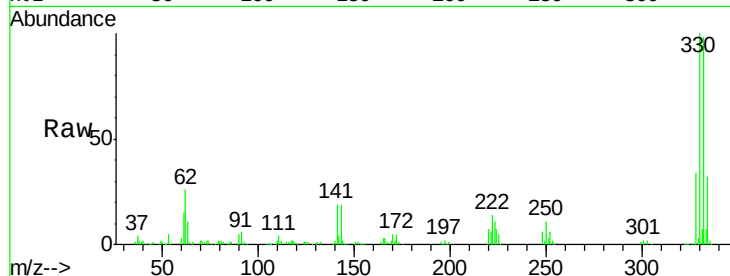




#41
 2,4,6-Tribromophenol
 Concen: 150.58 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093614.D
 Acq: 13 Mar 2017 18:23

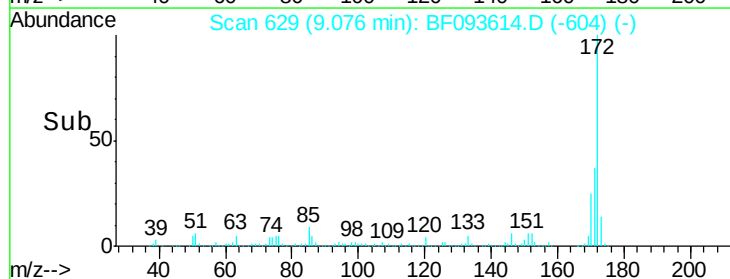
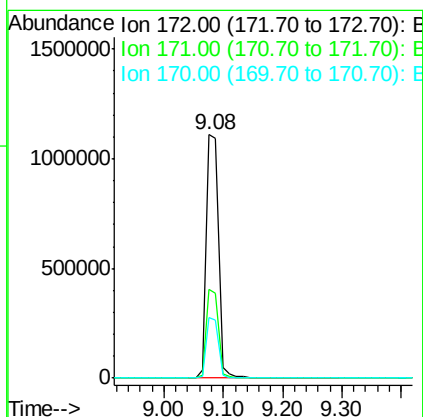
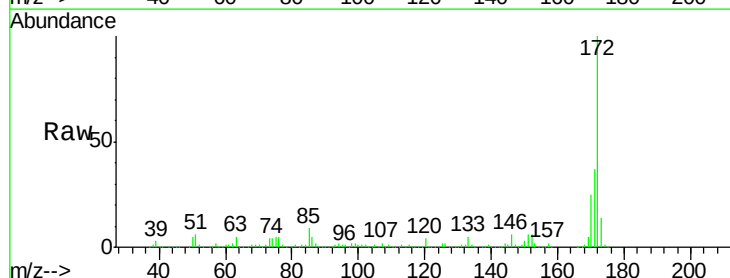
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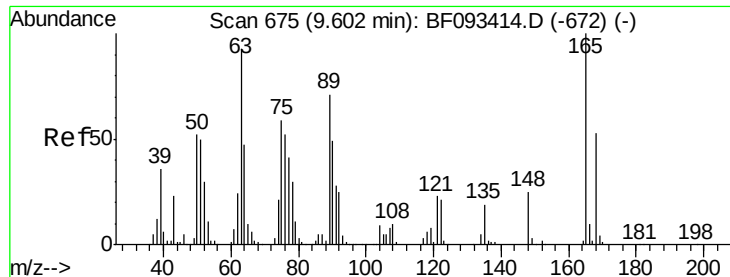
Tgt Ion:330 Resp: 286683
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.4 116.2
 141 40.5 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 102.50 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093614.D
 Acq: 13 Mar 2017 18:23

Tgt Ion:172 Resp: 1610370
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 25.0 20.2 30.4

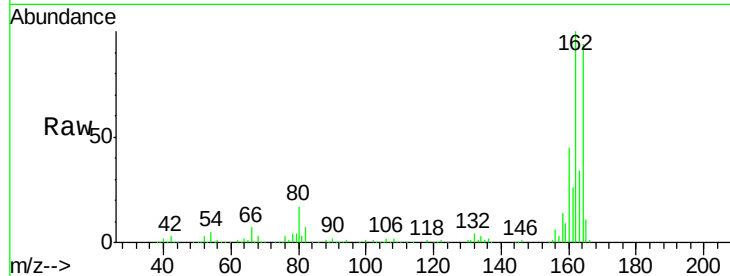




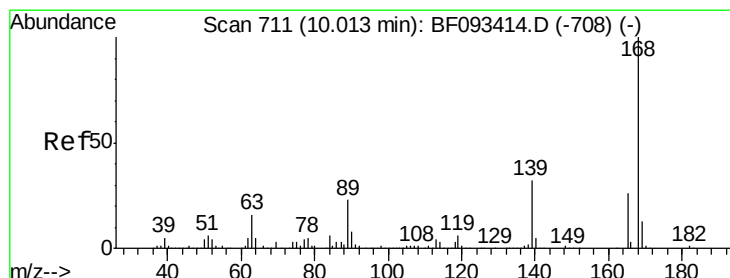
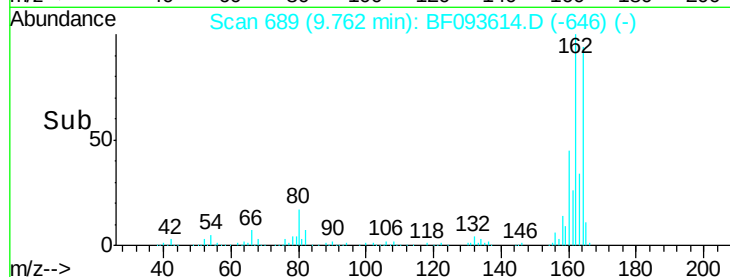
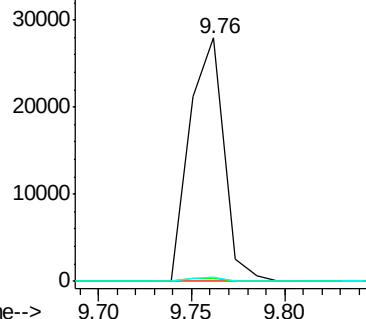
#50
 2,6-Dinitrotoluene
 Concen: 8.44 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.19 min
 Lab File: BF093614.D
 Acq: 13 Mar 2017 18:23

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 ClientSampleId :
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Tgt Ion:165 Resp: 35866
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.2 54.4#
 89 1.8 40.2 60.4#

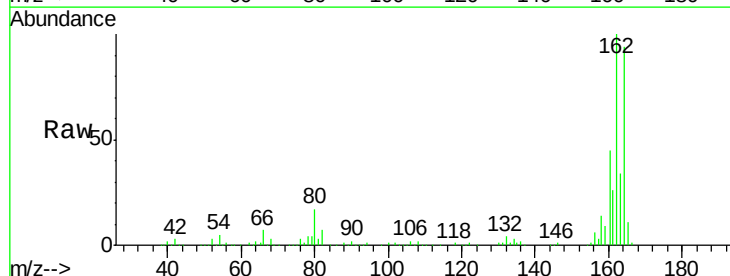


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

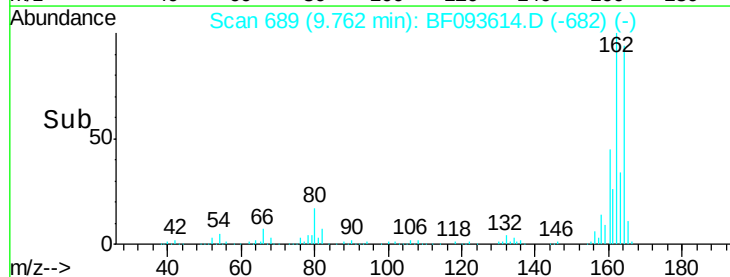
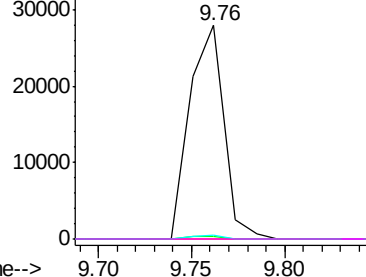


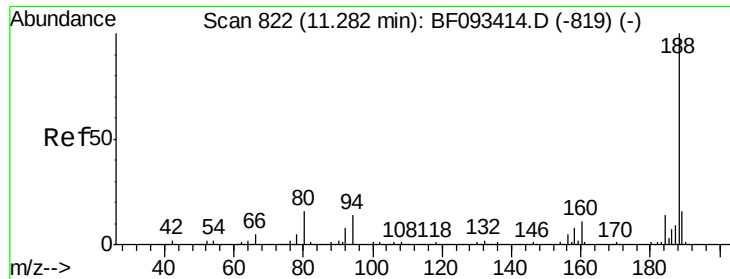
#56
 2,4-Dinitrotoluene
 Concen: 6.87 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.22 min
 Lab File: BF093614.D
 Acq: 13 Mar 2017 18:23

Tgt Ion:165 Resp: 35866
 Ion Ratio Lower Upper
 165 100
 63 1.3 40.2 60.4#
 89 1.8 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

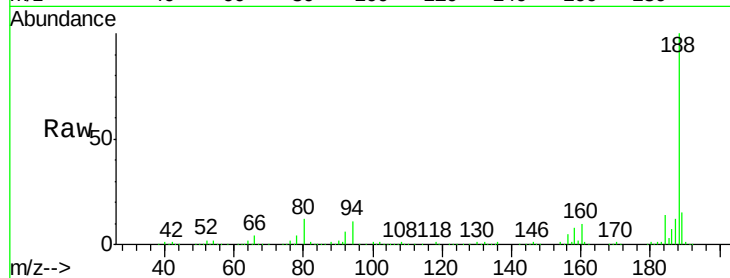




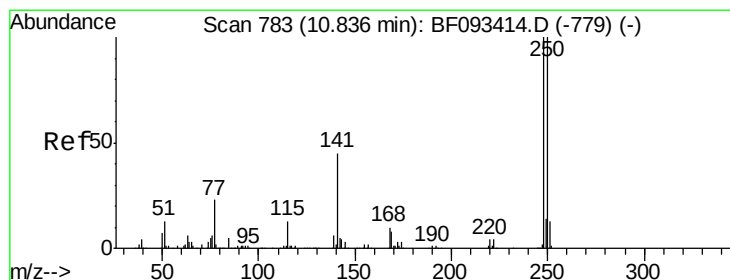
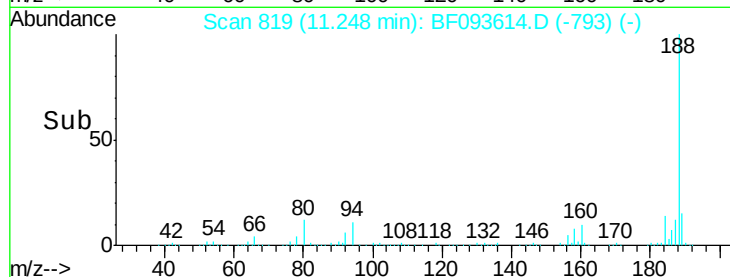
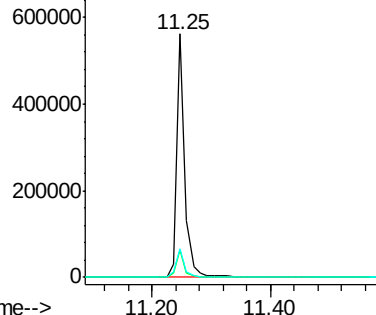
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 819
 Delta R.T. -0.00 min
 Lab File: BF093614.D
 Acq: 13 Mar 2017 18:23

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Tgt Ion:188 Resp: 535678
 Ion Ratio Lower Upper
 188 100
 94 11.1 10.0 15.0
 80 12.0 11.2 16.8

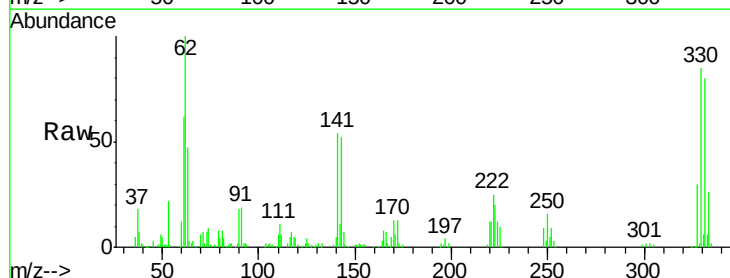


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

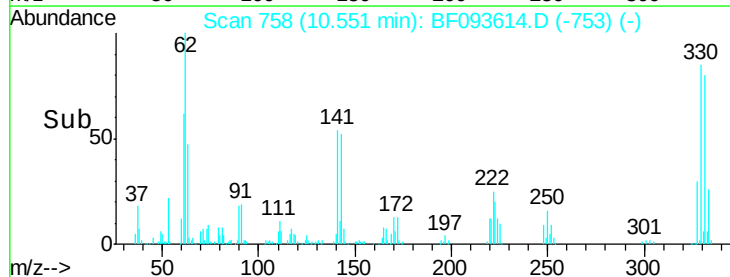
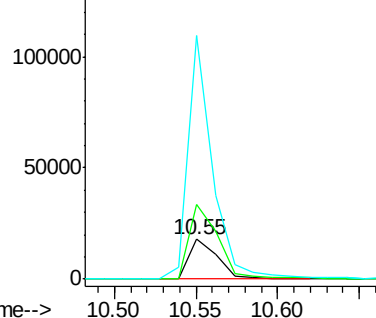


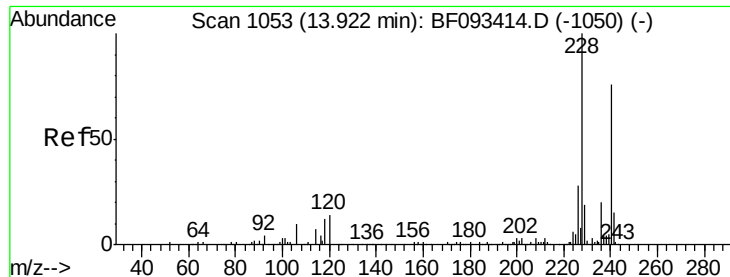
#66
 4-Bromophenyl-phenylether
 Concen: 3.80 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.24 min
 Lab File: BF093614.D
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Tgt Ion:248 Resp: 21517
 Ion Ratio Lower Upper
 248 100
 250 187.2 76.9 115.3#
 141 612.3 68.2 102.4#



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





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093614.D

Acq: 13 Mar 2017 18:23

Instrument :

BNA_F

ClientSampleId :

D-77

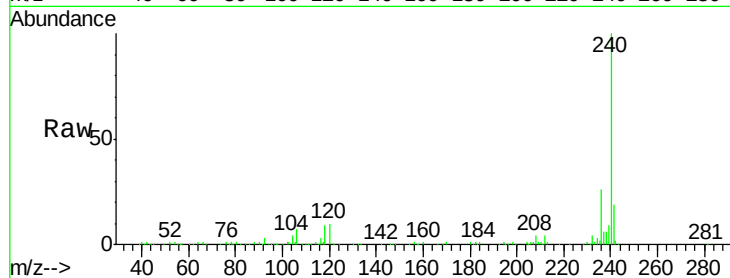
Tgt Ion:240 Resp: 313126

Ion Ratio Lower Upper

240 100

120 10.4 12.9 19.3#

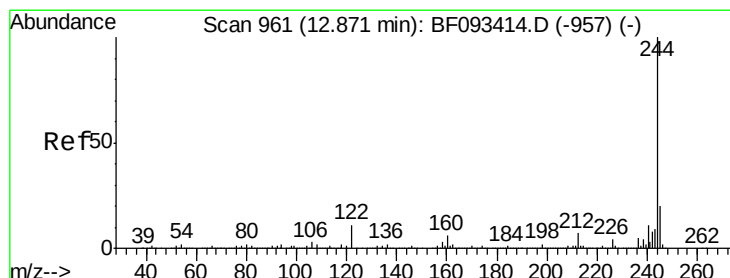
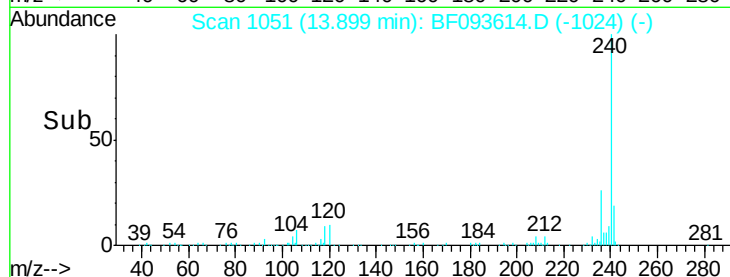
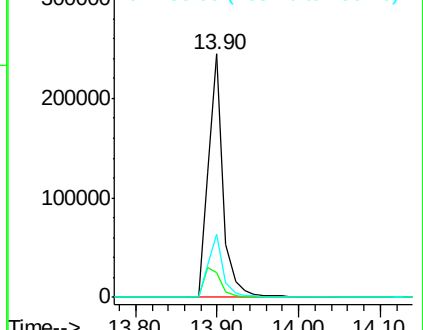
236 26.0 20.9 31.3



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: 106.44 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093614.D

Acq: 13 Mar 2017 18:23

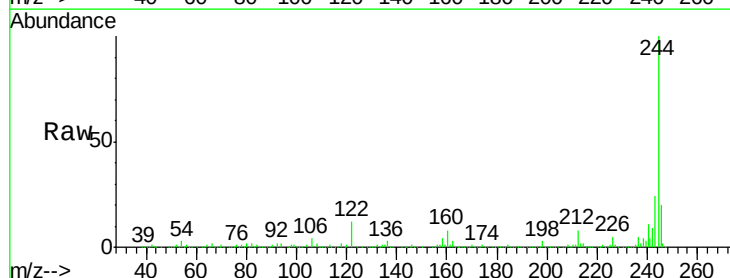
Tgt Ion:244 Resp: 1281927

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

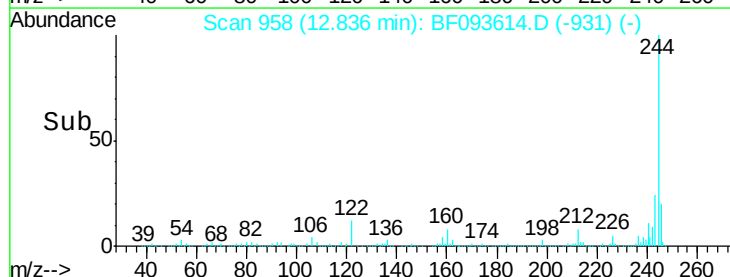
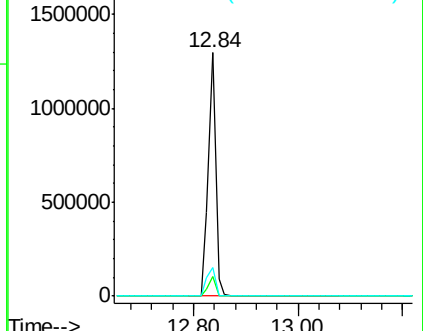
122 11.8 11.4 17.2

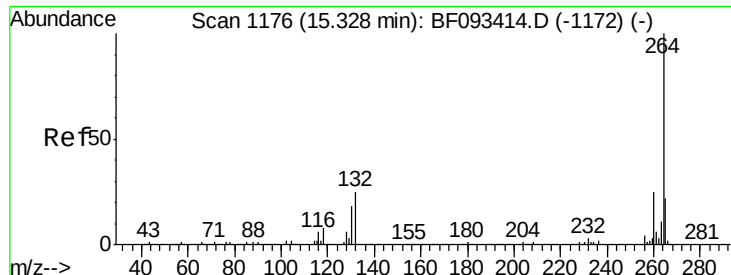


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

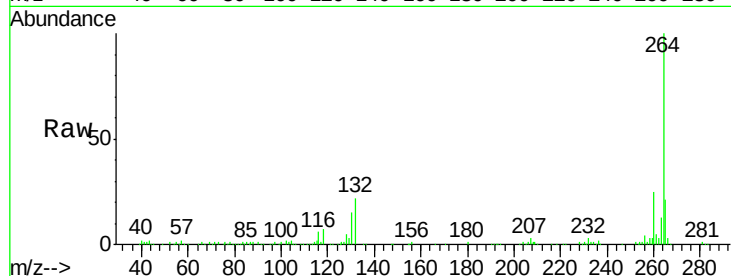




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093614.D
Acq: 13 Mar 2017 18:23

Instrument :
BNA_F
ClientSampleId :
D-77

Tgt Ion: 264 Resp: 243042
Ion Ratio Lower Upper
264 100
260 25.2 19.2 28.8
265 21.2 17.4 26.0



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

