

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093615.D
 Acq On : 13 Mar 2017 18:50
 Operator : SJ/MA
 Sample : I2174-25
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-79

Quant Time: Mar 14 01:04:33 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

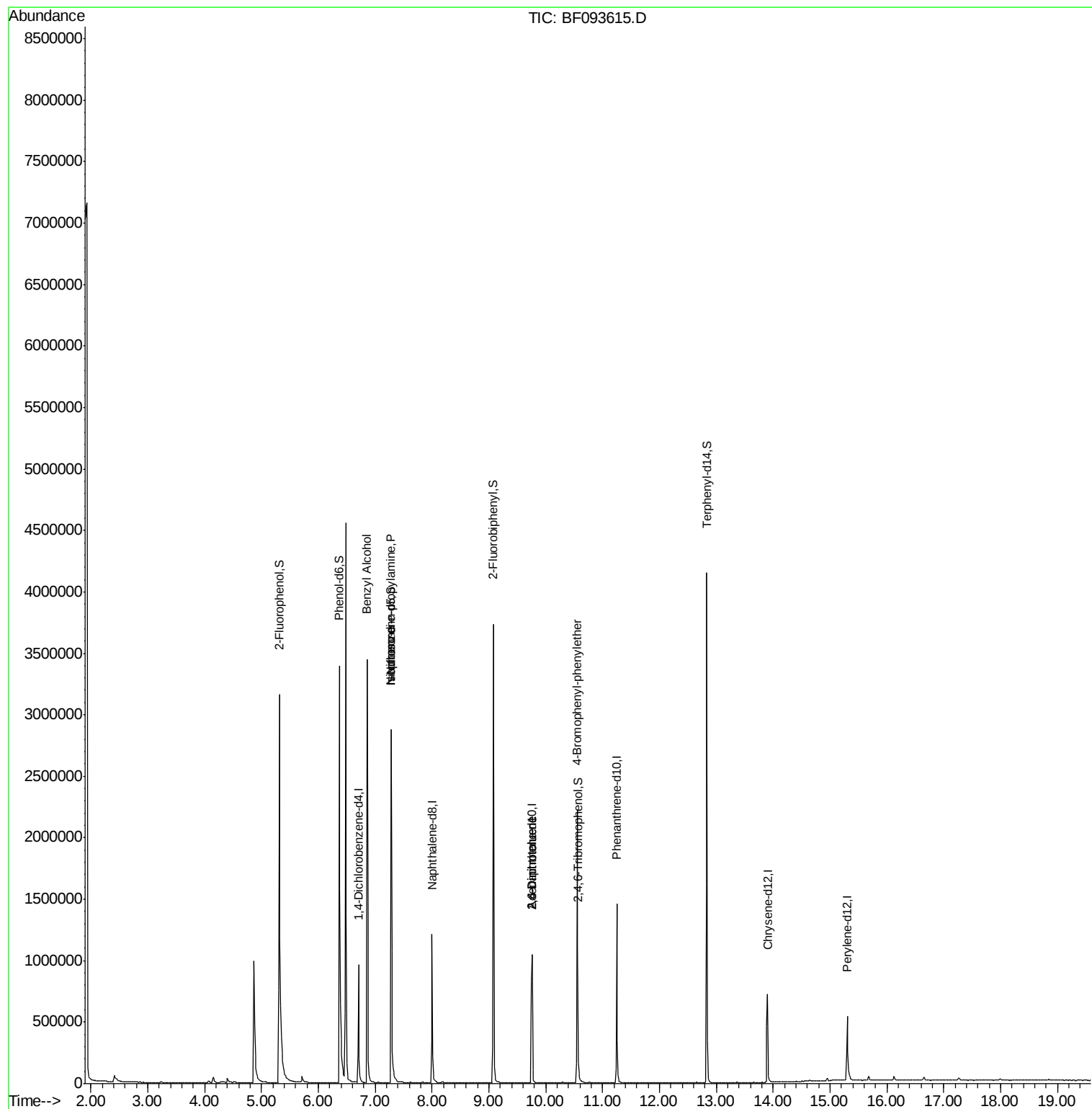
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	157635	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	625493	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	290592	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	551948	20.00	ng	0.00
75) Chrysene-d12	13.90	240	356456	20.00	ng	0.01
86) Perylene-d12	15.31	264	267084	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	1309352	138.24	ng	0.00
7) Phenol-d6	6.37	99	1636680	137.03	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1087471	96.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	293644	155.10	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1692706	108.35	ng	-0.01
78) Terphenyl-d14	12.84	244	1328023	96.86	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2070	Below Cal	#	1
15) Benzyl Alcohol	6.86	79	17461	2.05 ng	#	45
19) n-Nitroso-di-n-propylamine	7.28	70	146580	17.85 ng	#	83
25) Isophorone	7.28	82	1064762	46.84 ng	#	65
50) 2,6-Dinitrotoluene	9.76	165	36536	8.64 ng	#	32
56) 2,4-Dinitrotoluene	9.76	165	36537	7.04 ng	#	21
66) 4-Bromophenyl-phenylether	10.55	248	21229	3.64 ng	#	1

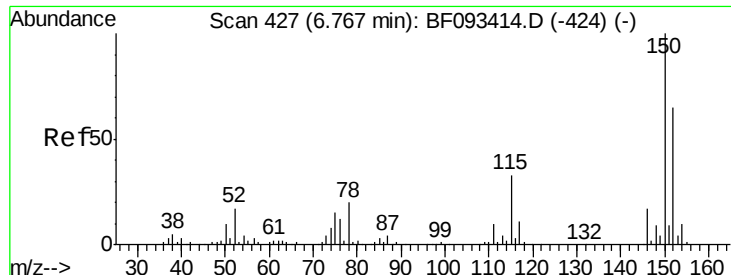
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF093615.D

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ClientSampleId :

D-79

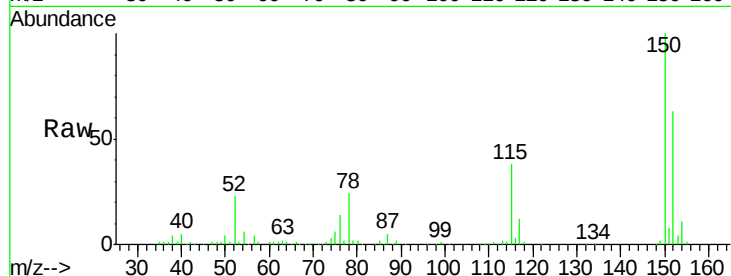
Tgt Ion:152 Resp: 157635

Ion Ratio Lower Upper

152 100

150 158.9 124.9 187.3

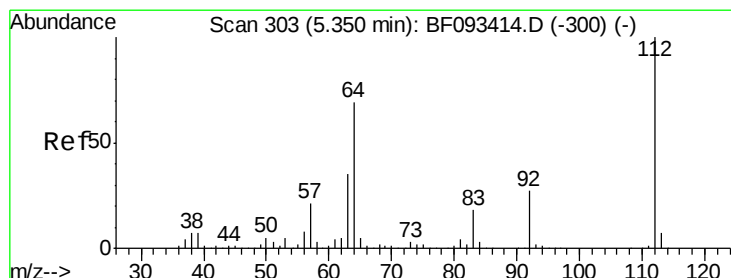
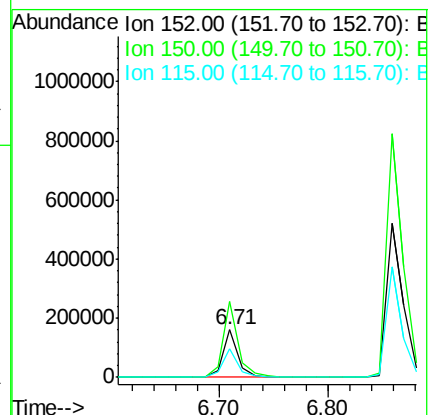
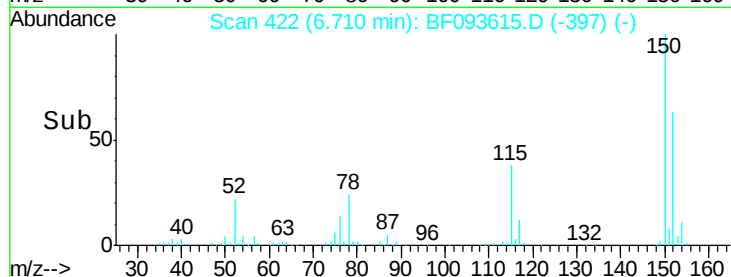
115 59.7 46.0 69.0



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: 138.24 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093615.D

Acq: 13 Mar 2017 18:50

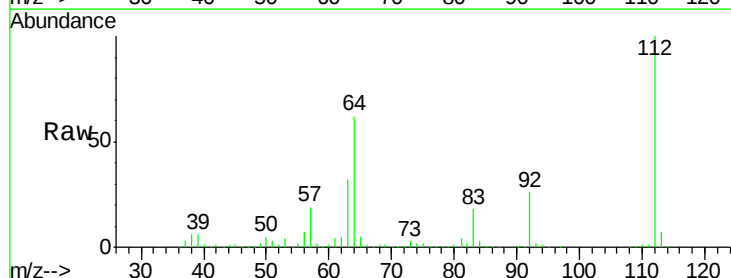
Tgt Ion:112 Resp: 1309352

Ion Ratio Lower Upper

112 100

64 61.8 46.1 69.1

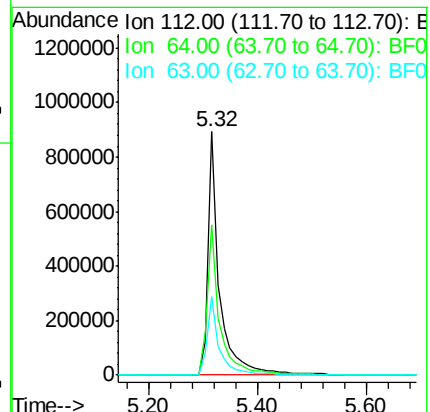
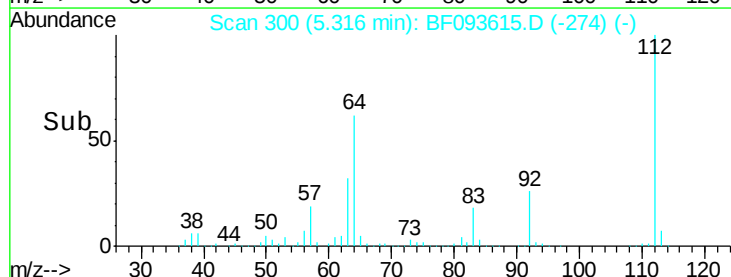
63 32.1 23.8 35.6

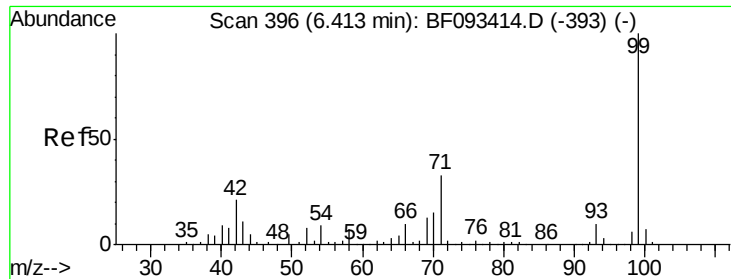


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.03 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093615.D

Acq: 13 Mar 2017 18:50

Instrument :

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ClientSampleId :

D-79

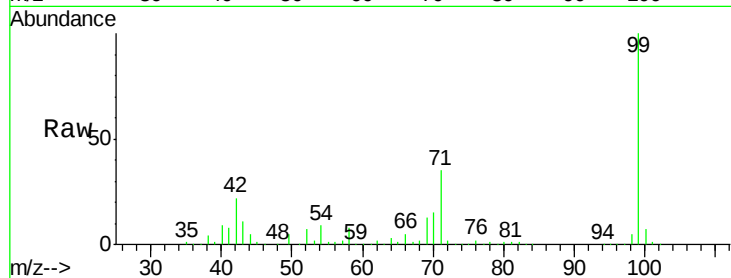
Tgt Ion: 99 Resp: 1636680

Ion Ratio Lower Upper

99 100

42 22.3 15.6 23.4

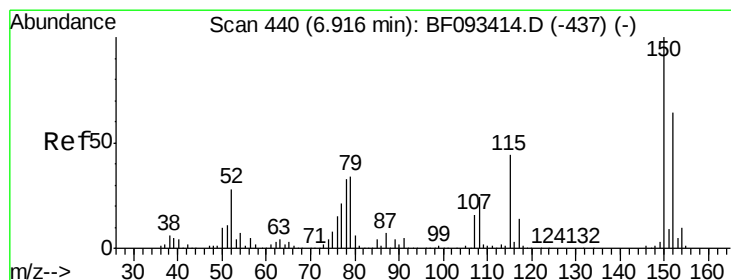
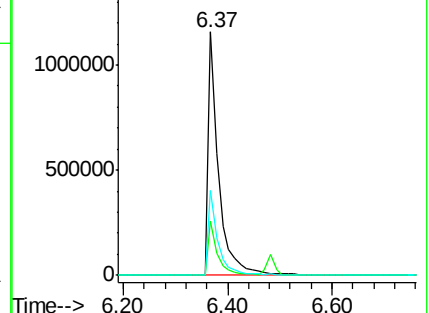
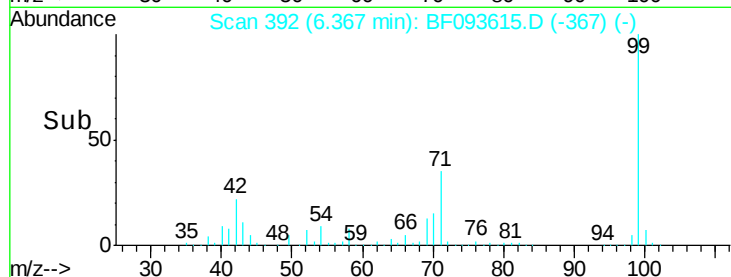
71 34.7 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.86 min Scan# 435

Delta R.T. -0.02 min

Lab File: BF093615.D

Acq: 13 Mar 2017 18:50

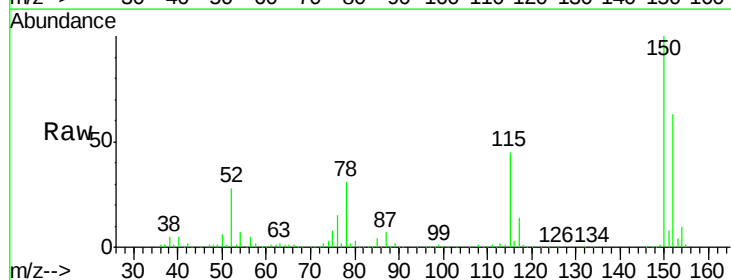
Tgt Ion: 79 Resp: 17461

Ion Ratio Lower Upper

79 100

108 27.5 61.4 92.0#

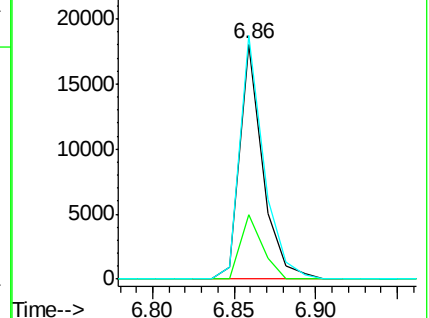
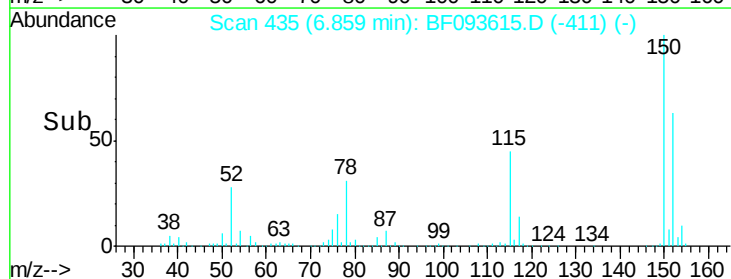
77 103.8 50.9 76.3#

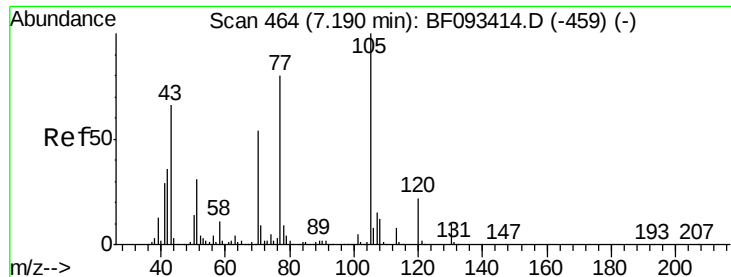


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

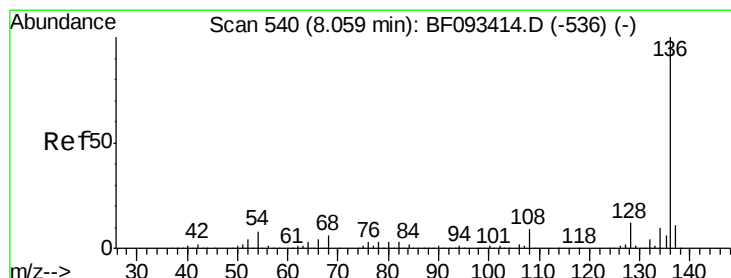
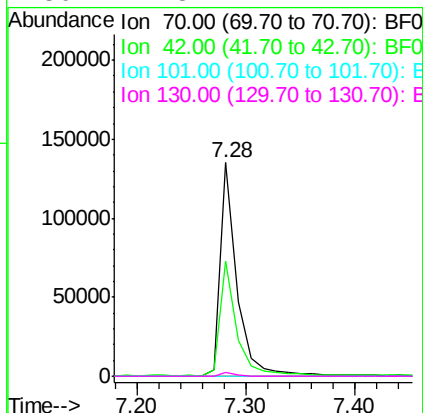
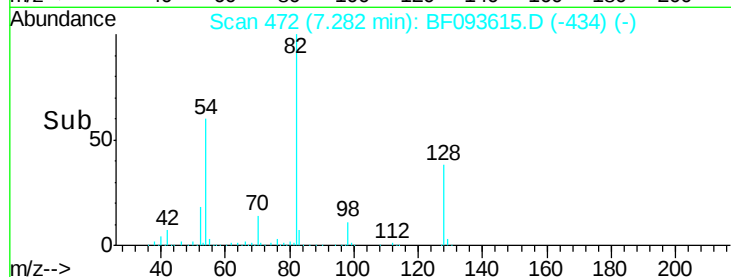
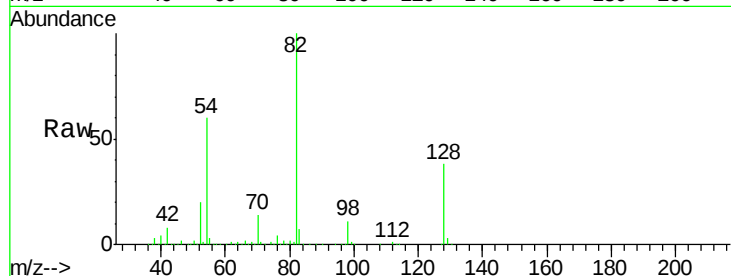




#19
n-Nitroso-di-n-propylamine
Concen: 17.85 ng
RT: 7.28 min Scan# 472
Delta R.T. 0.14 min
Lab File: BF093615.D
Acq: 13 Mar 2017 18:50

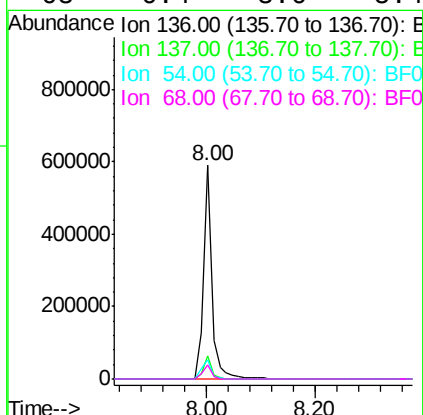
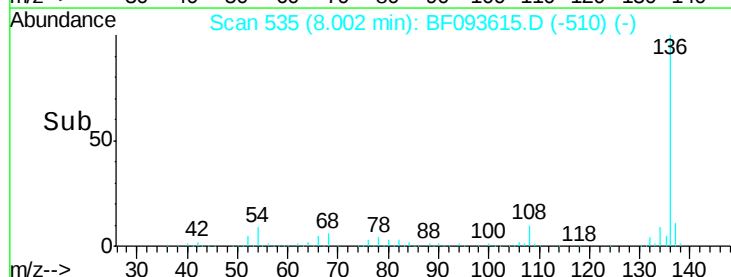
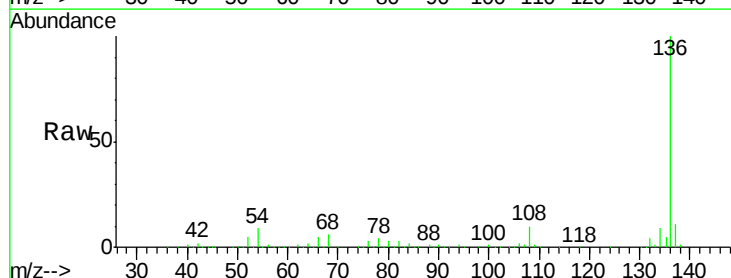
Instrument :
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D-79

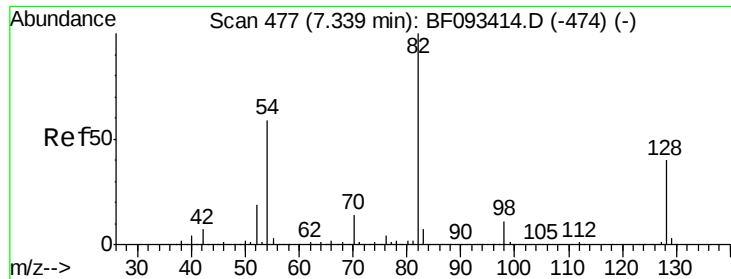
Tgt Ion: 70 Resp: 146580
Ion Ratio Lower Upper
70 100
42 53.9 49.4 74.0
101 0.0 7.4 11.2#
130 1.8 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093615.D
Acq: 13 Mar 2017 18:50

Tgt Ion: 136 Resp: 625493
Ion Ratio Lower Upper
136 100
137 10.9 8.4 12.6
54 8.9 4.5 6.7#
68 6.4 3.6 5.4#

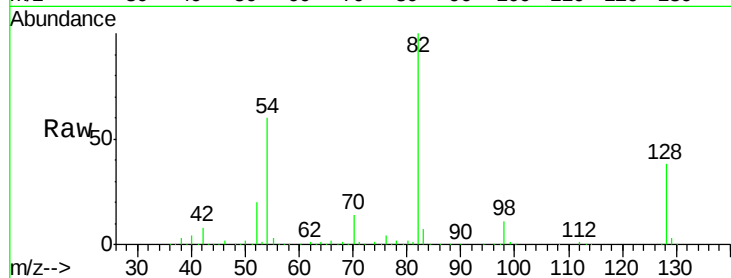




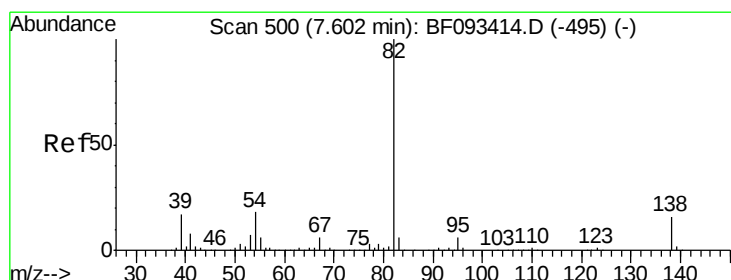
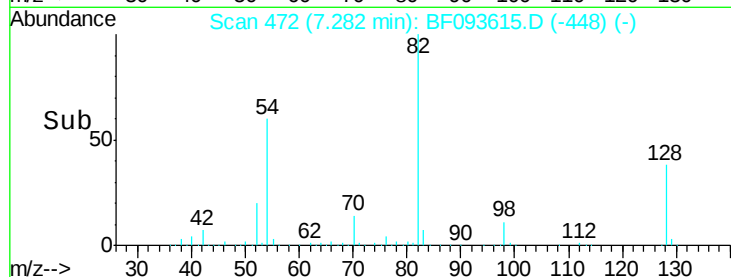
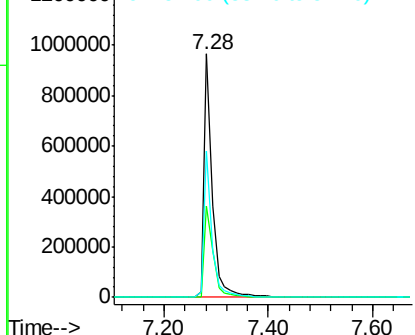
#23
 Nitrobenzene-d5
 Concen: 96.46 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.02 min
 Lab File: BF093615.D
 Acq: 13 Mar 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 D-79

Tgt Ion: 82 Resp: 1087471
 Ion Ratio Lower Upper
 82 100
 128 37.7 34.6 52.0
 54 60.1 39.5 59.3#

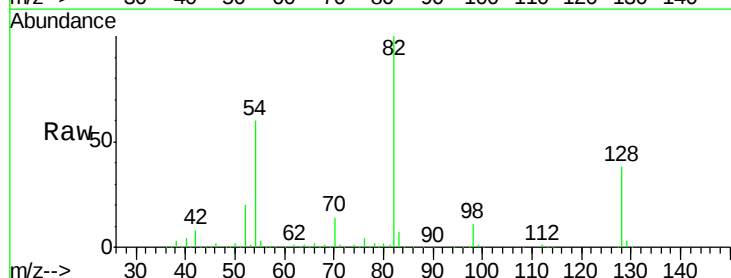


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

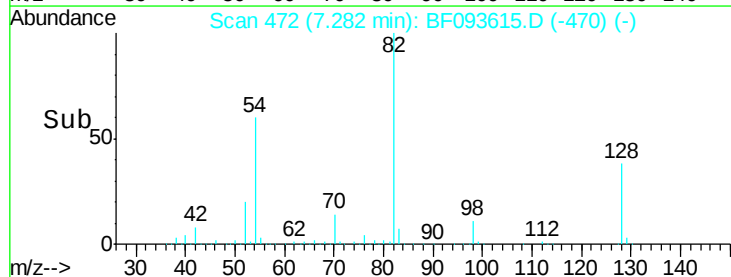
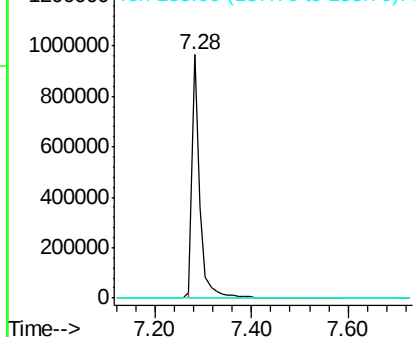


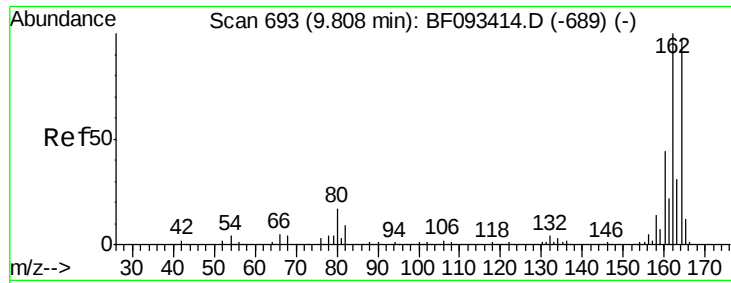
#25
 Isophorone
 Concen: 46.84 ng
 RT: 7.28 min Scan# 472
 Delta R.T. -0.27 min
 Lab File: BF093615.D
 Acq: 13 Mar 2017 18:50

Tgt Ion: 82 Resp: 1064762
 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

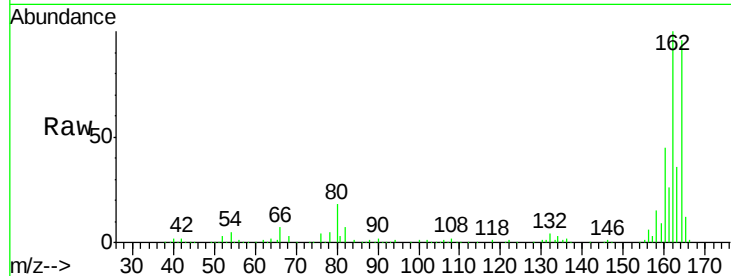




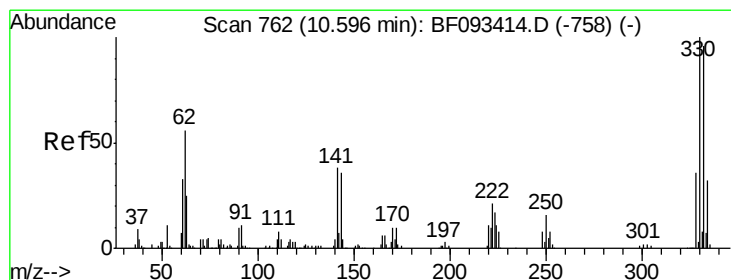
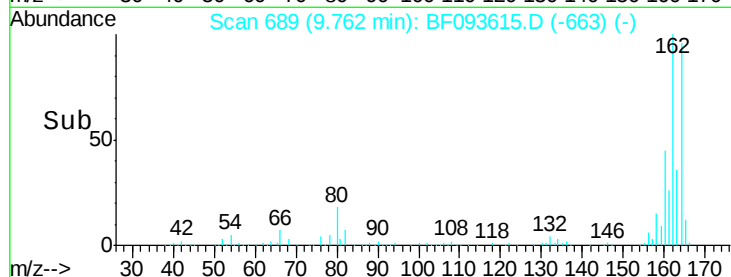
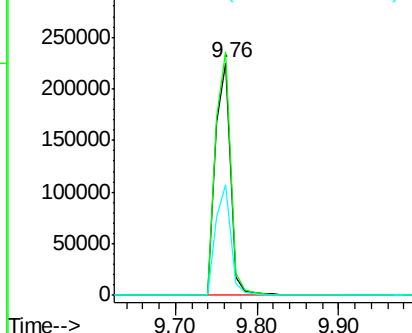
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.00 min
 Lab File: BF093615.D
 Acq: 13 Mar 2017 18:50

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 ClientSampleId :
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Tgt Ion:164 Resp: 290592
 Ion Ratio Lower Upper
 164 100
 162 104.6 80.2 120.2
 160 47.2 36.9 55.3

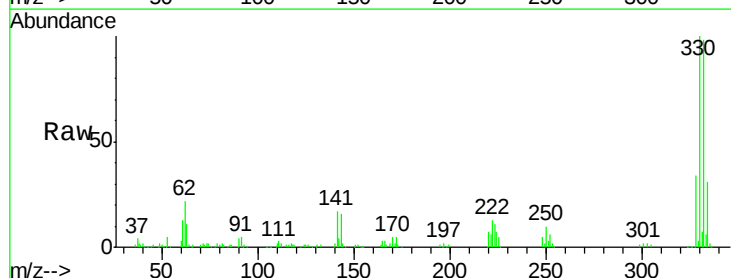


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

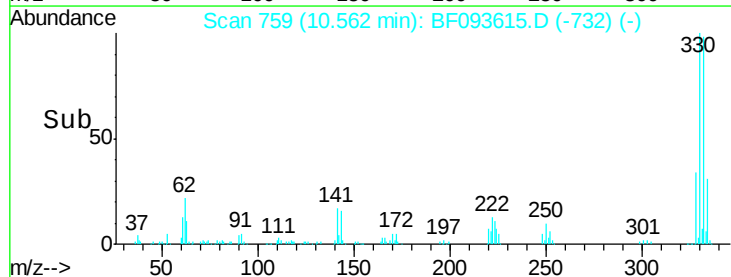
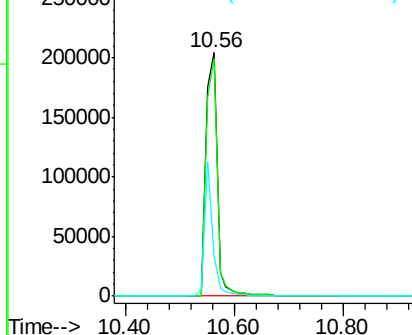


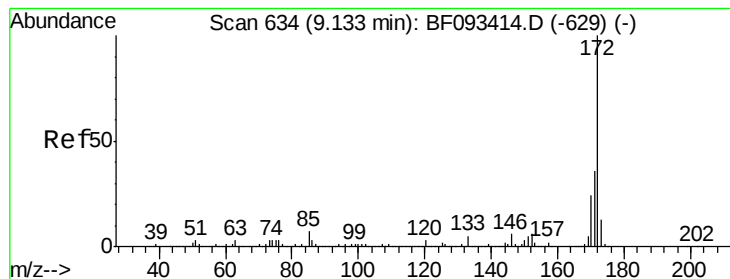
#41
 2,4,6-Tribromophenol
 Concen: 155.10 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093615.D
 Acq: 13 Mar 2017 18:50

Tgt Ion:330 Resp: 293644
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 40.4 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: 108.35 ng

RT: 9.08 min Scan# 629

Delta R.T. -0.01 min

Lab File: BF093615.D

Acq: 13 Mar 2017 18:50

Instrument :

BNA_F

ClientSampleId :

D-79

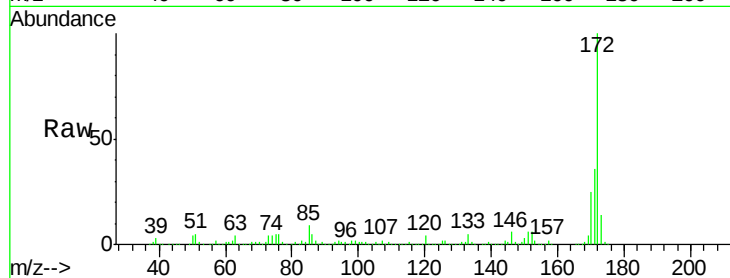
Tgt Ion:172 Resp: 1692706

Ion Ratio Lower Upper

172 100

171 36.4 29.4 44.0

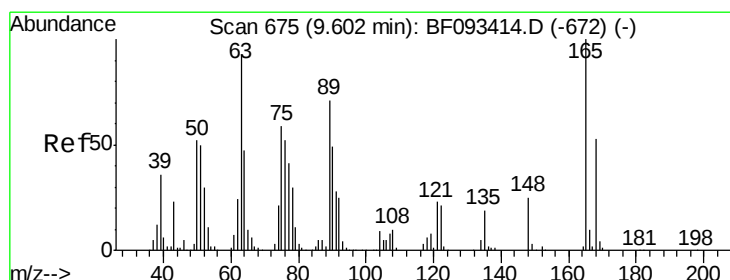
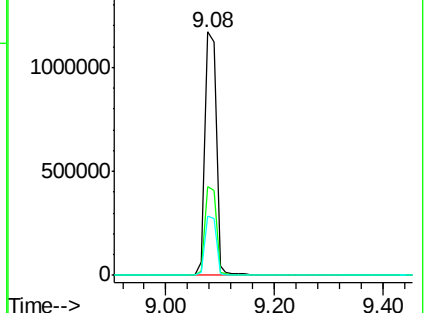
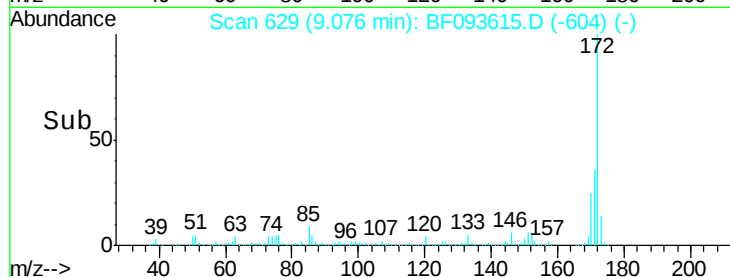
170 24.5 20.2 30.4



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



#50

2,6-Dinitrotoluene

Concen: 8.64 ng

RT: 9.76 min Scan# 689

Delta R.T. 0.19 min

Lab File: BF093615.D

Acq: 13 Mar 2017 18:50

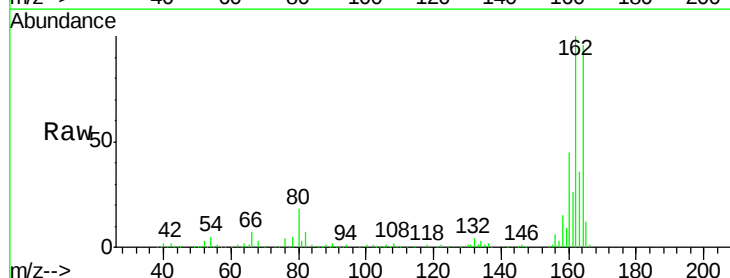
Tgt Ion:165 Resp: 36536

Ion Ratio Lower Upper

165 100

63 1.8 36.2 54.4#

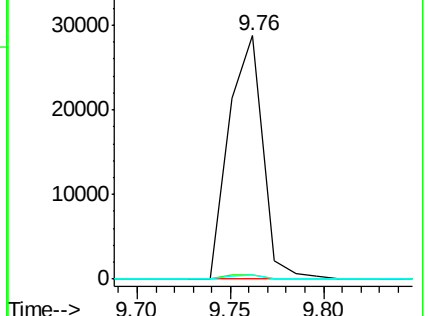
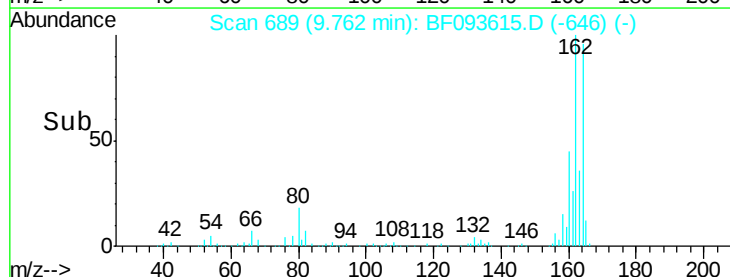
89 1.8 40.2 60.4#

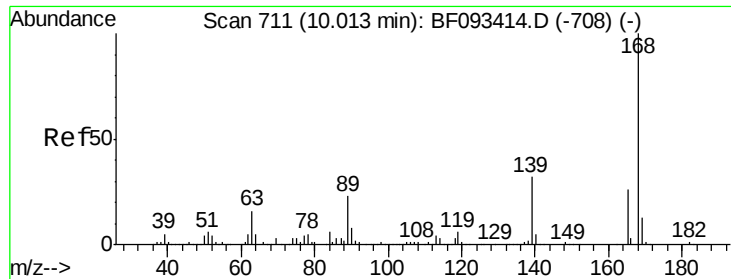


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

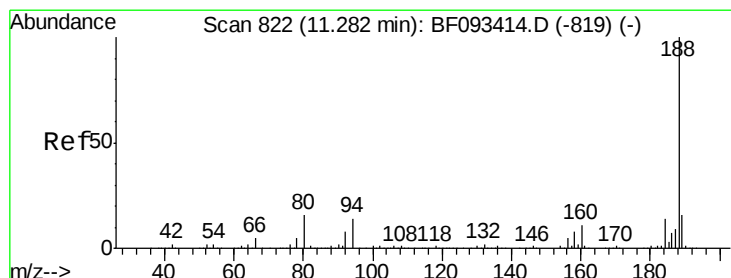
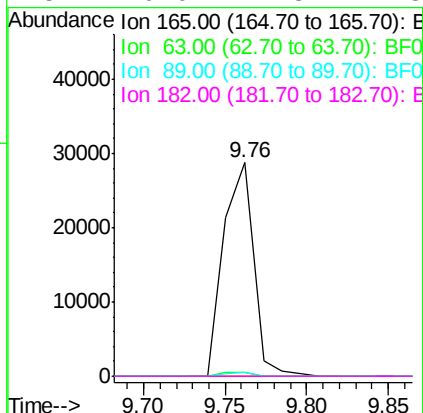
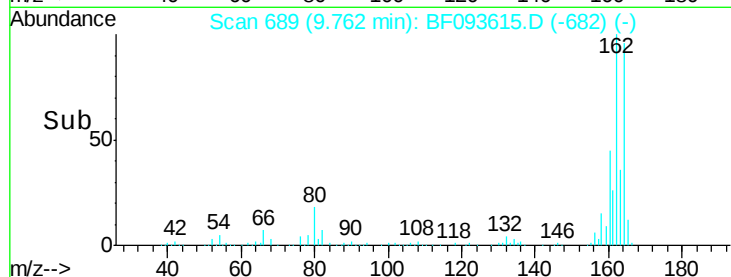
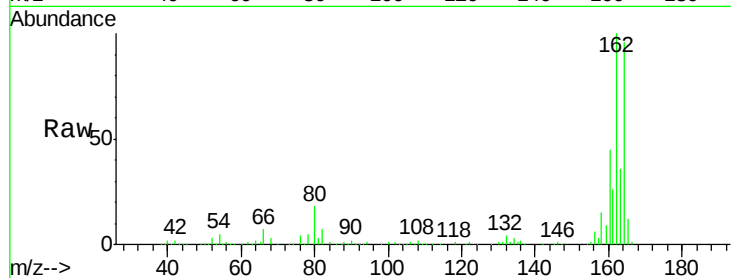




#56
2,4-Dinitrotoluene
Concen: 7.04 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.22 min
Lab File: BF093615.D
Acq: 13 Mar 2017 18:50

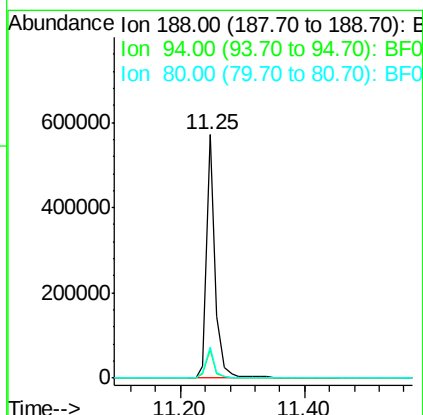
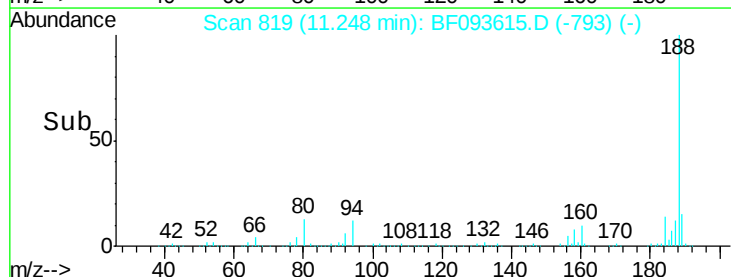
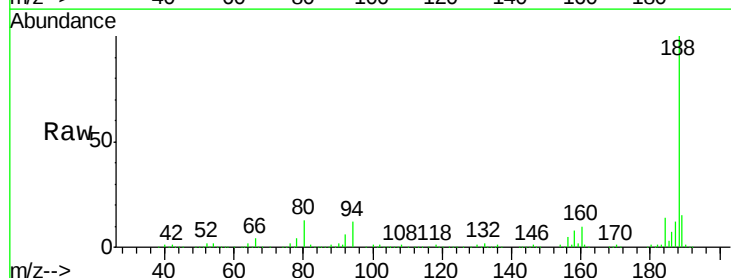
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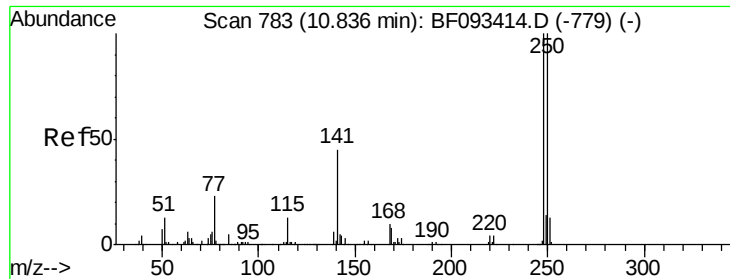
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.2	60.4#
89	1.8	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. 0.00 min
Lab File: BF093615.D
Acq: 13 Mar 2017 18:50

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.9	10.0	15.0
80	12.9	11.2	16.8

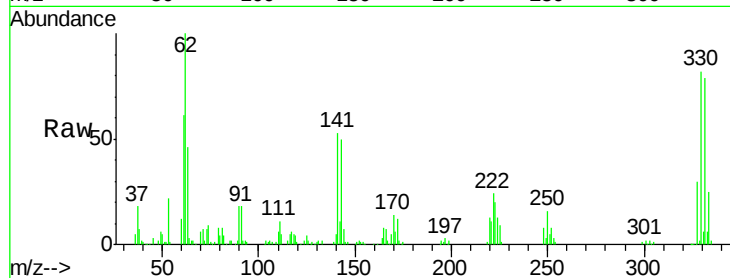




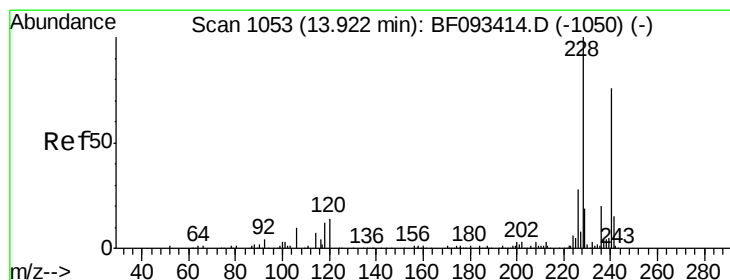
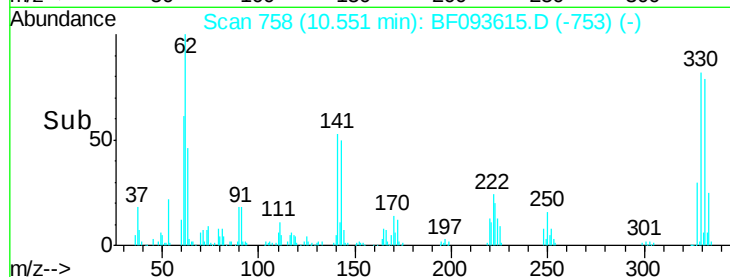
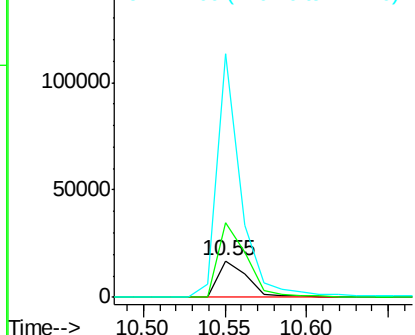
#66
4-Bromophenyl-phenylether
Concen: 3.64 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093615.D
Acq: 13 Mar 2017 18:50

Instrument :
BNA_F
ClientSampleId :
D-79

Tgt Ion:248 Resp: 21229
Ion Ratio Lower Upper
248 100
250 202.3 76.9 115.3#
141 662.1 68.2 102.4#

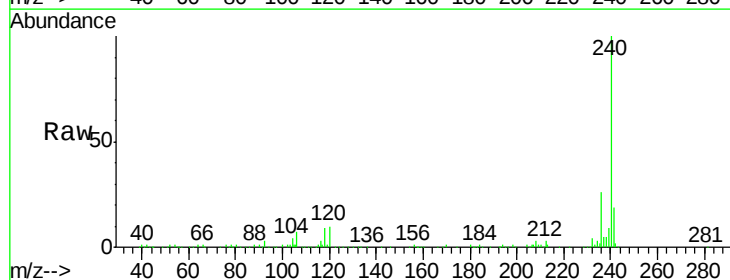


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

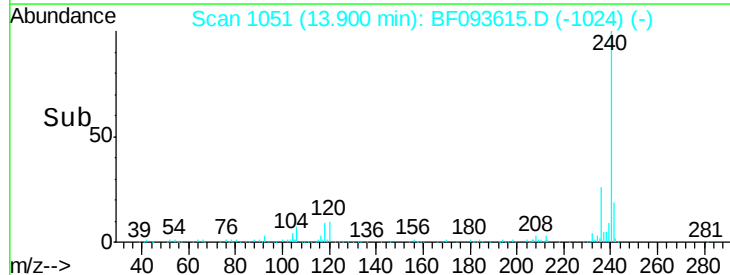
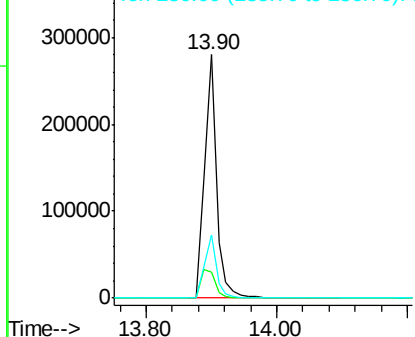


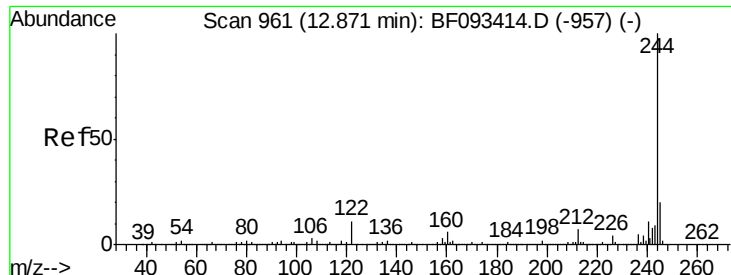
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.90 min Scan# 1051
Delta R.T. 0.01 min
Lab File: BF093615.D
Acq: 13 Mar 2017 18:50

Tgt Ion:240 Resp: 356456
Ion Ratio Lower Upper
240 100
120 10.5 12.9 19.3#
236 25.8 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

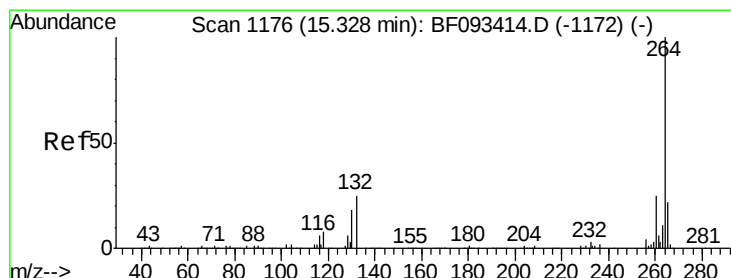
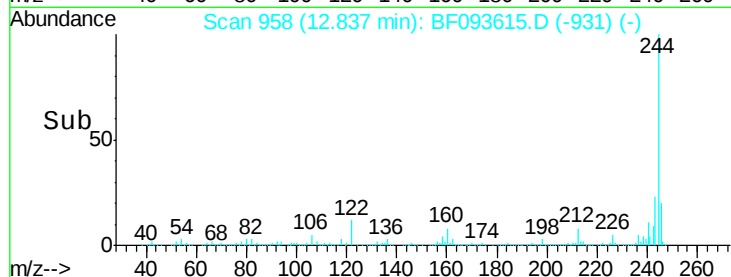
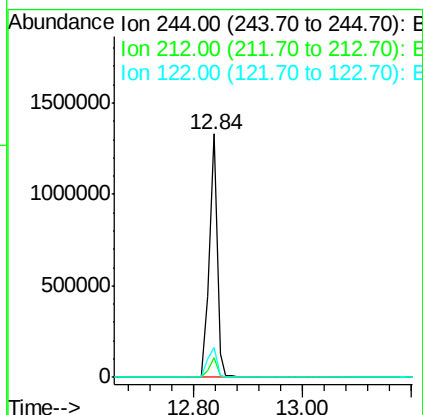
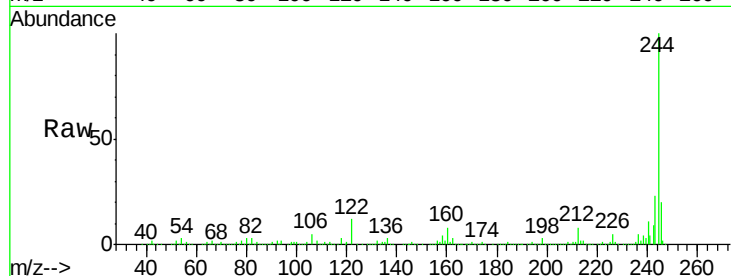




#78
 Terphenyl-d14
 Concen: 96.86 ng
 RT: 12.84 min Scan# 958
 Delta R.T. 0.01 min
 Lab File: BF093615.D
 Acq: 13 Mar 2017 18:50

Instrument :
 BNA_F
 ClientSampleId :
 D-79

Tgt Ion:244 Resp: 1328023
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 12.3 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.31 min Scan# 1174
 Delta R.T. 0.02 min
 Lab File: BF093615.D
 Acq: 13 Mar 2017 18:50

Tgt Ion:264 Resp: 267084
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.2 28.8
 265 20.9 17.4 26.0

