

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093588.D
 Acq On : 12 Mar 2017 3:59
 Operator : SJ/MA
 Sample : I2198-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
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Quant Time: Mar 13 17:59:48 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

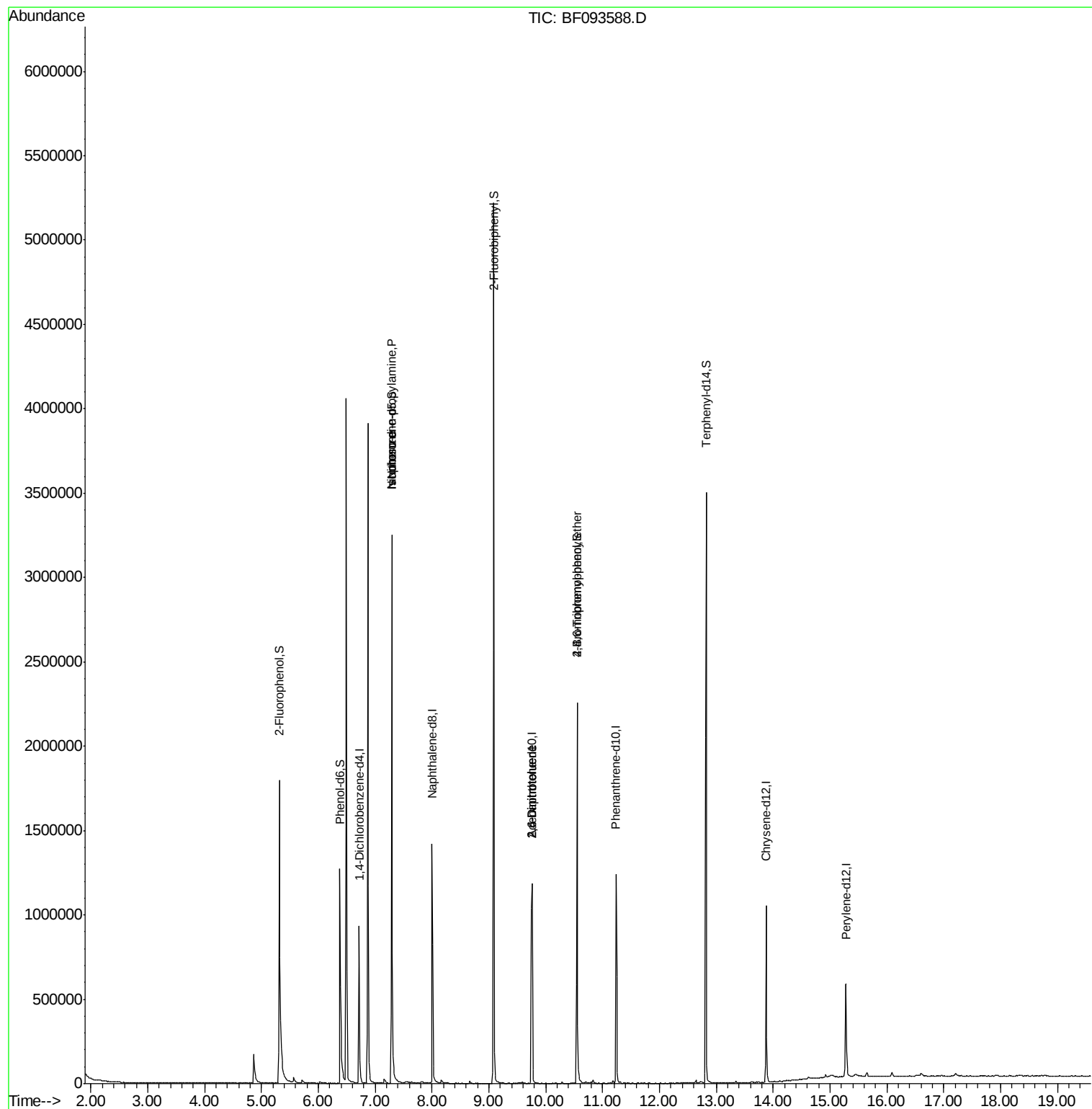
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	200906	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	801320	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	340844	20.00	ng	0.00
63) Phenanthrene-d10	11.24	188	533006	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	386548	20.00	ng	-0.01
86) Perylene-d12	15.28	264	334117	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	724977	60.06	ng	0.00
7) Phenol-d6	6.38	99	634692	41.69	ng	0.00
23) Nitrobenzene-d5	7.29	82	1129942	78.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	241903	108.93	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1862160	101.62	ng	0.00
78) Terphenyl-d14	12.83	244	1259273	84.70	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	1352	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.29	70	152842	14.60	ng	# 82
25) Isophorone	7.29	82	1131865	38.86	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	41606	8.39	ng	# 32
56) 2,4-Dinitrotoluene	9.76	165	41606	6.83	ng	# 21
66) 4-Bromophenyl-phenylether	10.55	248	18969	3.37	ng	# 1

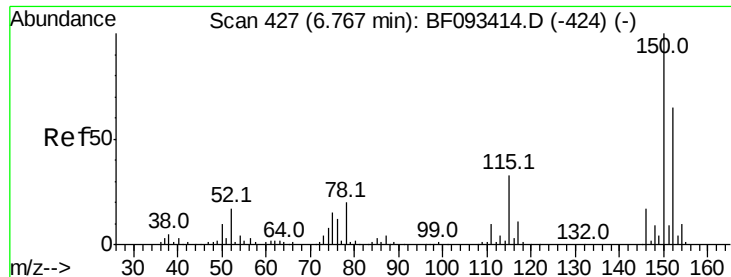
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 423

Delta R.T. 0.00 min

Lab File: BF093588.D

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ClientSampleId :

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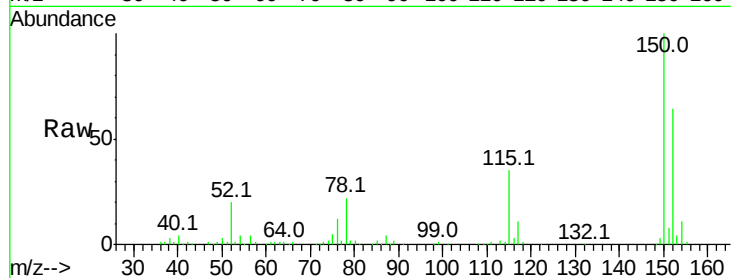
Tot Ion:152 Resp: 200906

Ion Ratio Lower Upper

152 100

150 155.9 124.9 187.3

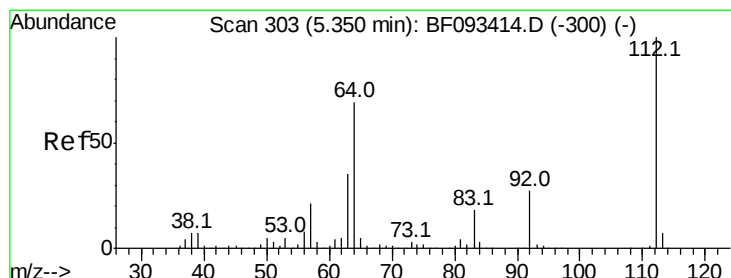
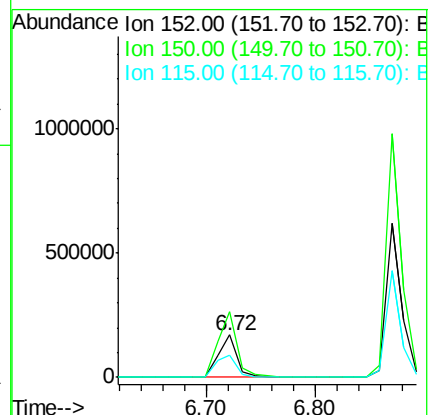
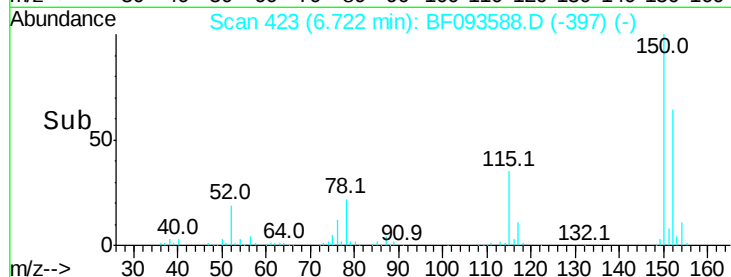
115 54.0 46.0 69.0



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: 60.06 ng

RT: 5.32 min Scan# 300

Delta R.T. 0.00 min

Lab File: BF093588.D

Acq: 12 Mar 2017 3:59

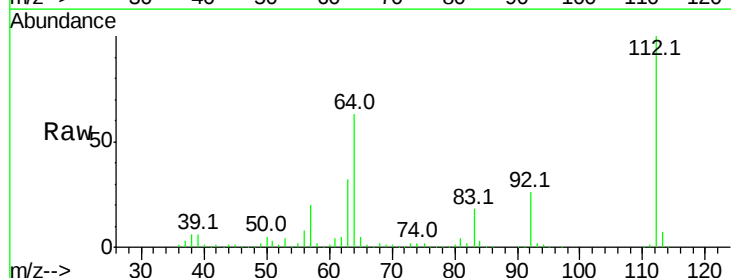
Tgt Ion:112 Resp: 724977

Ion Ratio Lower Upper

112 100

64 63.1 46.1 69.1

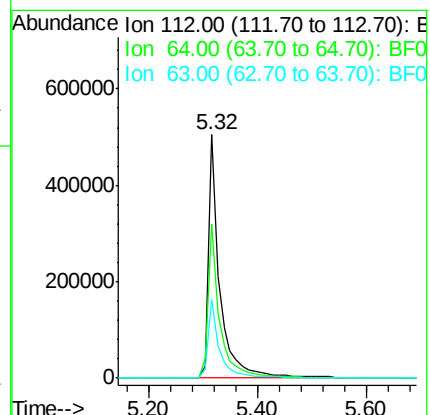
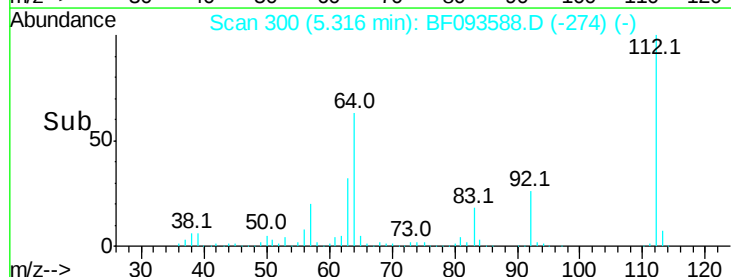
63 32.1 23.8 35.6

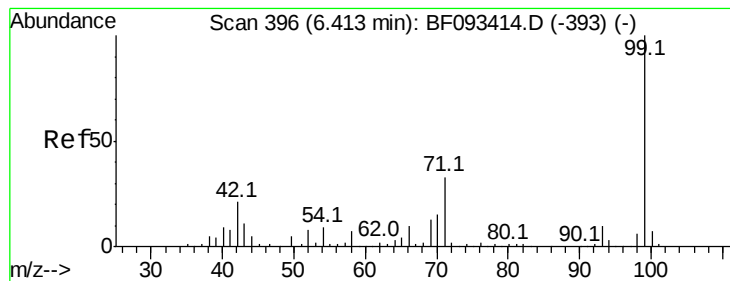


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.69 ng

RT: 6.38 min Scan# 393

Delta R.T. 0.00 min

Lab File: BF093588.D

Acq: 12 Mar 2017 3:59

Instrument :

BNA_F

ClientSampleId :

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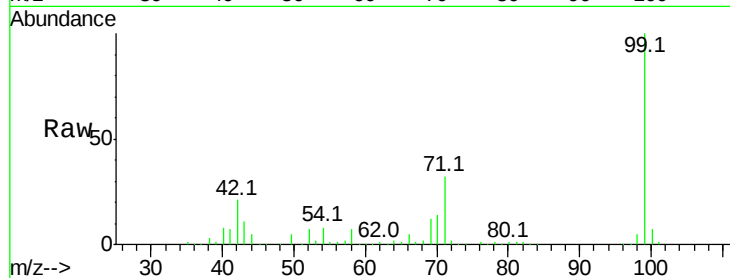
Tot Ion: 99 Resp: 634692

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

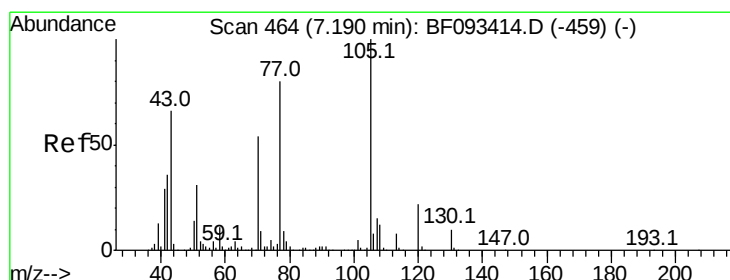
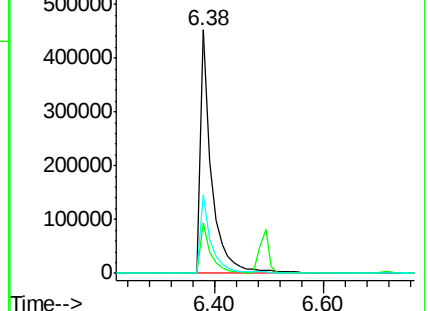
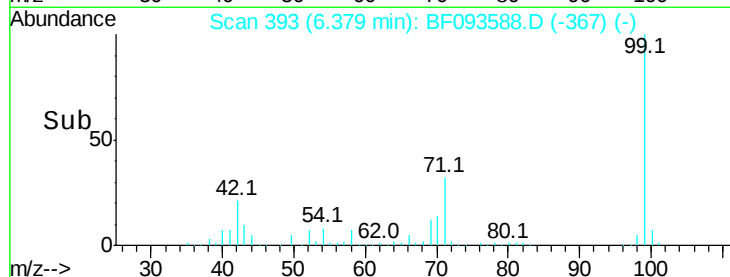
71 32.5 27.5 41.3



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: 14.60 ng

RT: 7.29 min Scan# 473

Delta R.T. 0.15 min

Lab File: BF093588.D

Acq: 12 Mar 2017 3:59

Tgt Ion: 70 Resp: 152842

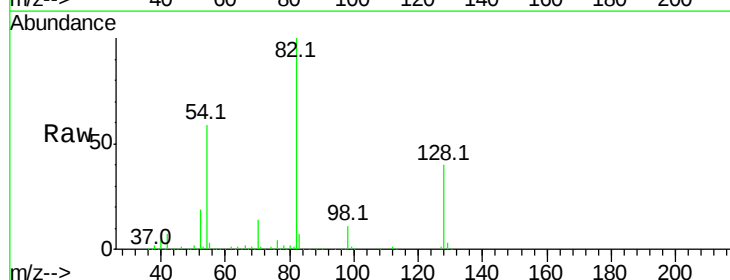
Ion Ratio Lower Upper

70 100

42 52.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

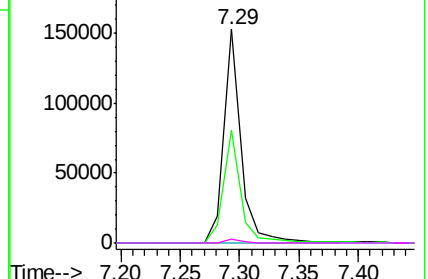
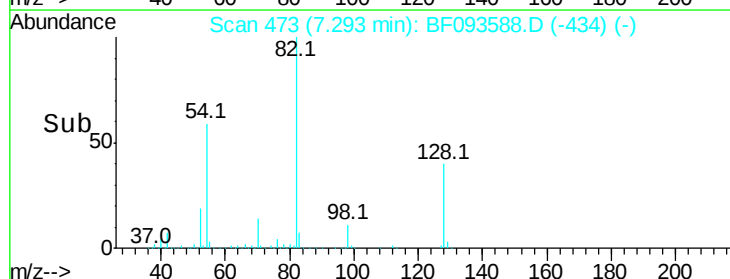


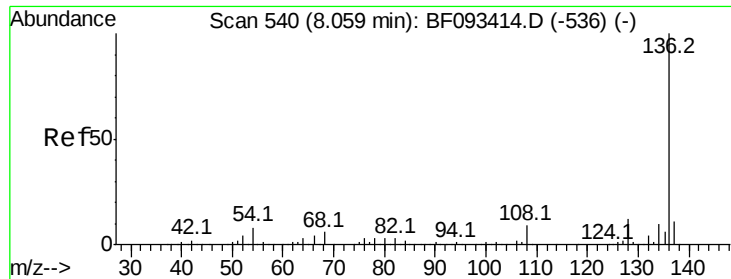
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

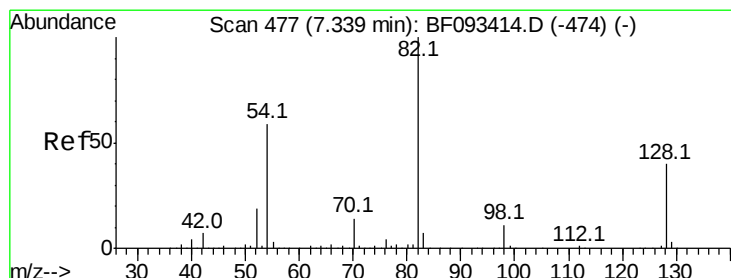
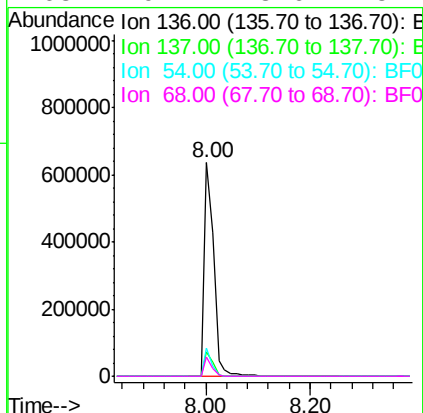
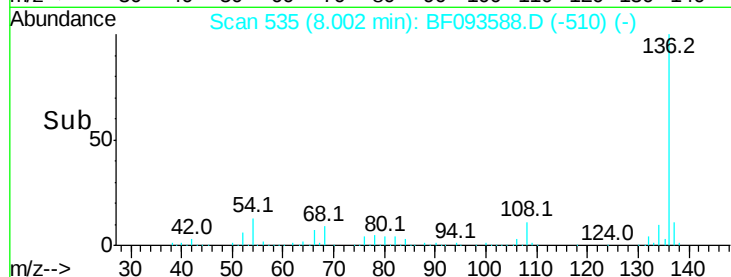
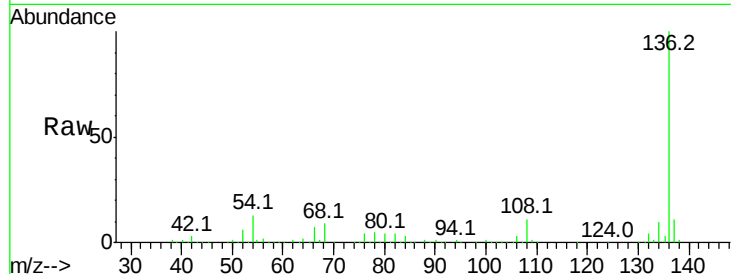




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093588.D
Acq: 12 Mar 2017 3:59

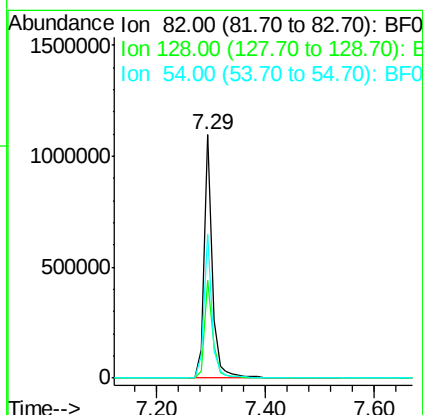
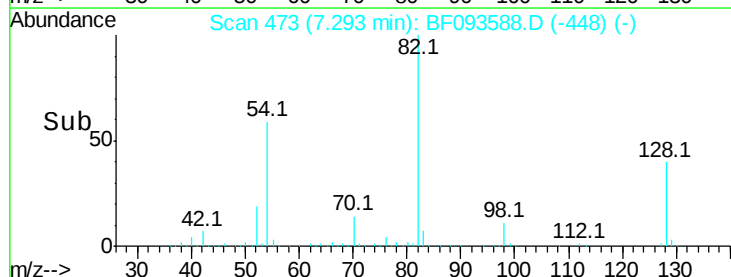
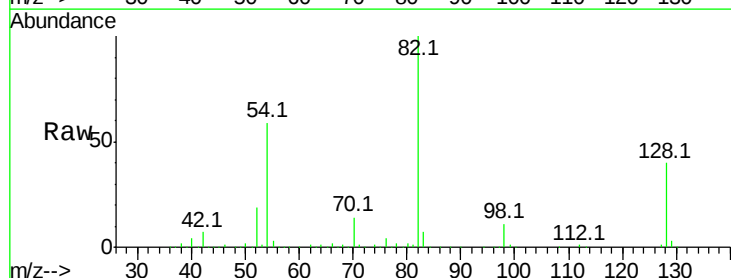
Instrument :
BNA_F
ClientSampleId :
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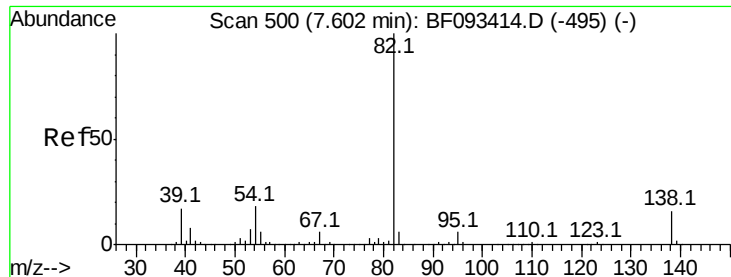
Tot Ion:	136	Resp:	801320
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	13.5	4.5	6.7#
68	9.1	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 78.24 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093588.D
Acq: 12 Mar 2017 3:59

Tgt Ion:	82	Resp:	1129942
Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.6	52.0
54	58.8	39.5	59.3





#25

Isophorone

Concen: 38.86 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.26 min

Lab File: BF093588.D

Acq: 12 Mar 2017 3:59

Instrument :

BNA_F

ClientSampleId :

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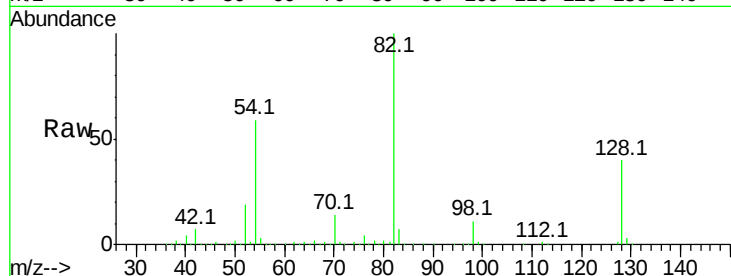
Tot Ion: 82 Resp: 1131865

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

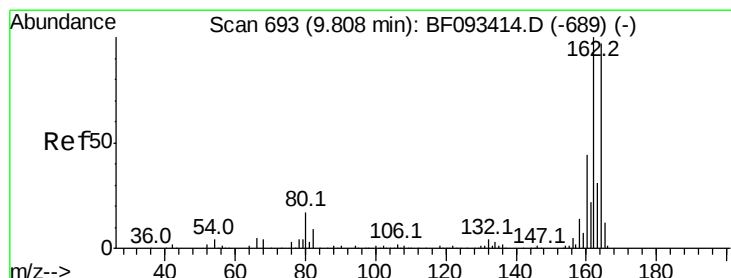
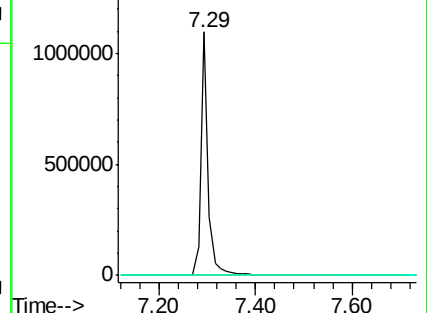
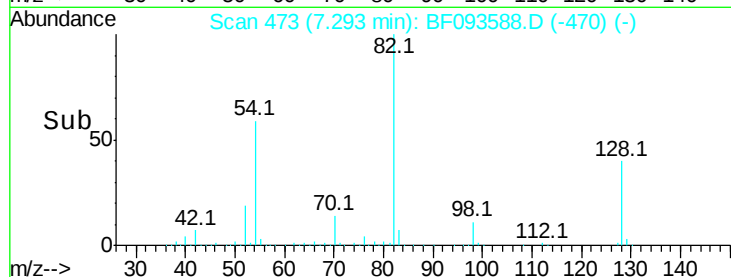
138 0.0 14.6 22.0#



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: BF093588.D

Acq: 12 Mar 2017 3:59

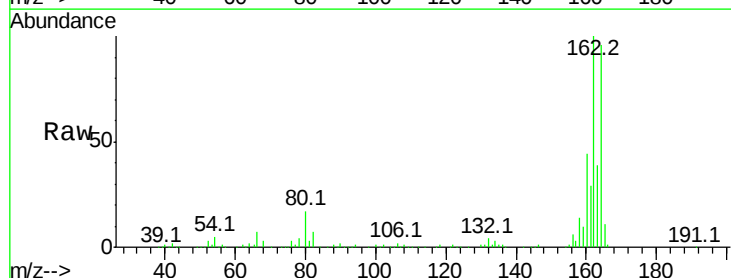
Tgt Ion:164 Resp: 340844

Ion Ratio Lower Upper

164 100

162 103.7 80.2 120.2

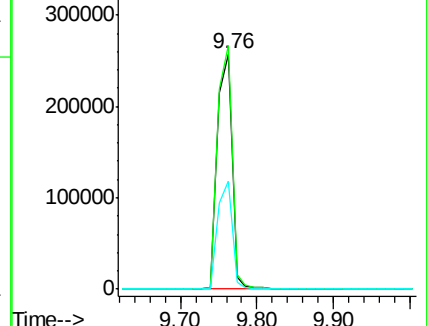
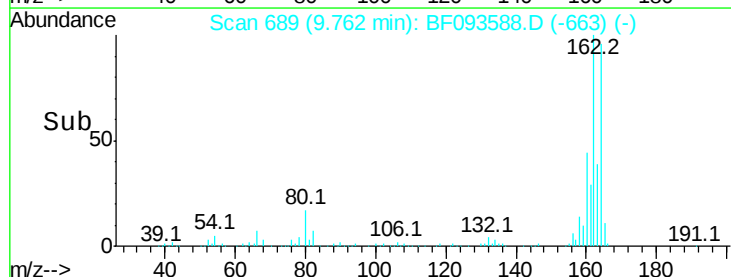
160 46.0 36.9 55.3

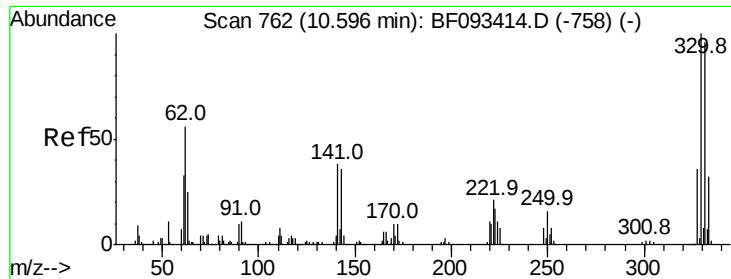


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

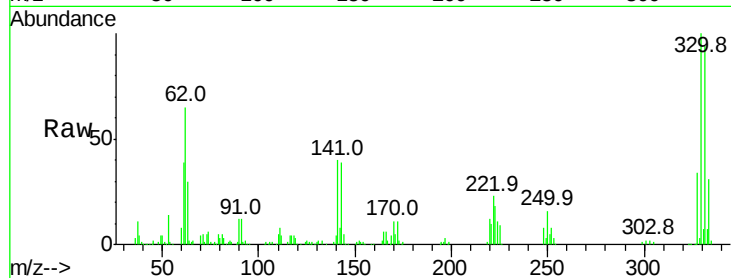




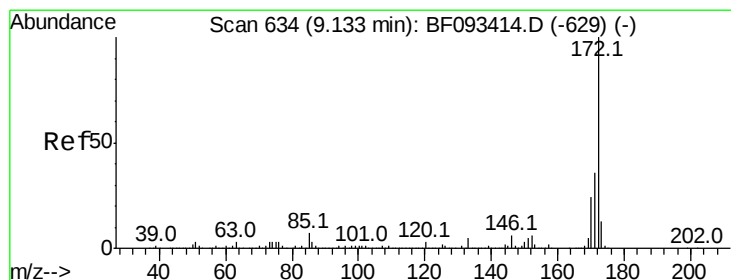
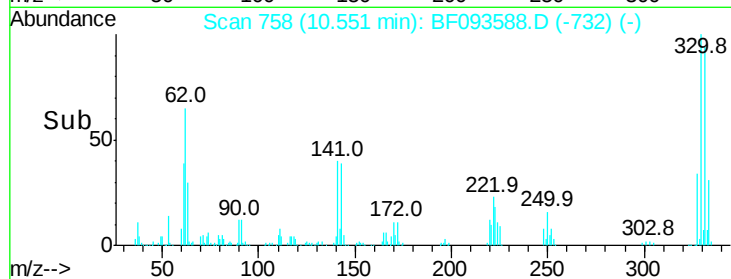
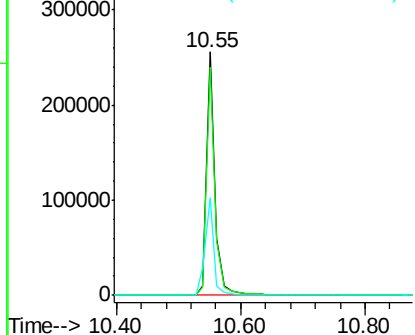
#41
 2,4,6-Tribromophenol
 Concen: 108.93 ng
 RT: 10.55 min Scan# 758
 Delta R.T. 0.00 min
 Lab File: BF093588.D
 Acq: 12 Mar 2017 3:59

Instrument :
 BNA_F
 ClientSampleId :
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Tot Ion:330 Resp: 241903
 Ion Ratio Lower Upper
 330 100
 332 94.0 77.4 116.2
 141 43.0 34.1 51.1

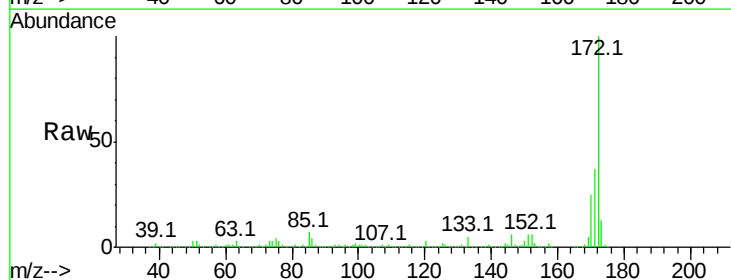


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

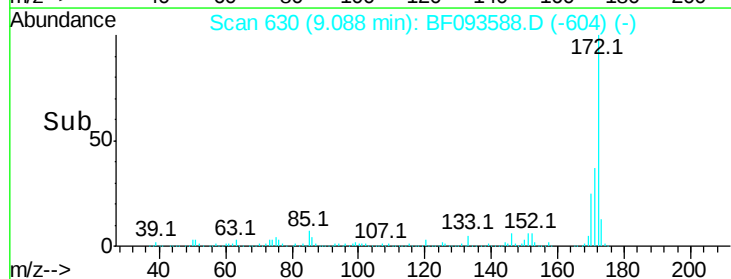
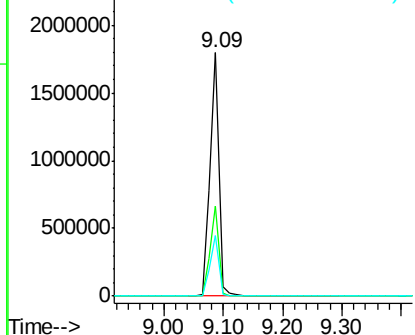


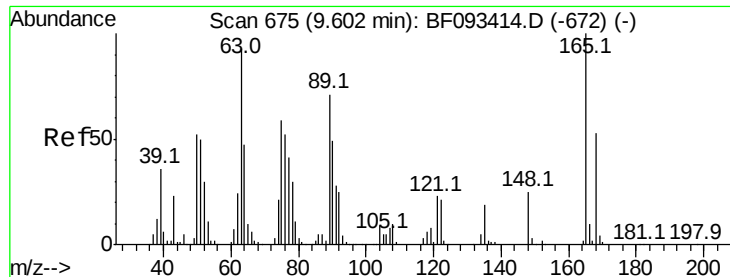
#44
 2-Fluorobiphenyl
 Concen: 101.62 ng
 RT: 9.09 min Scan# 630
 Delta R.T. 0.00 min
 Lab File: BF093588.D
 Acq: 12 Mar 2017 3:59

Tgt Ion:172 Resp: 1862160
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 24.6 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

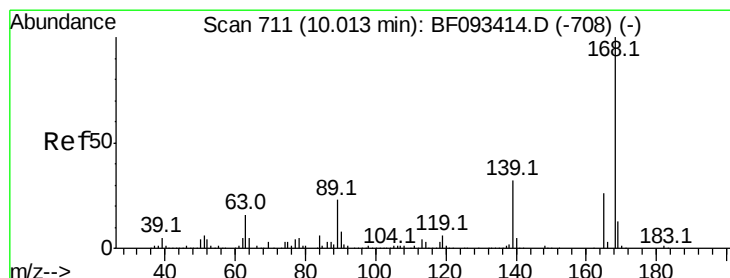
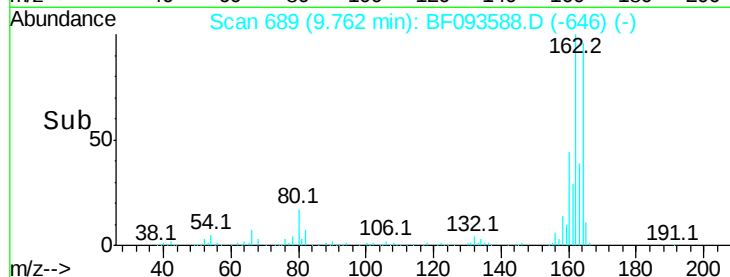
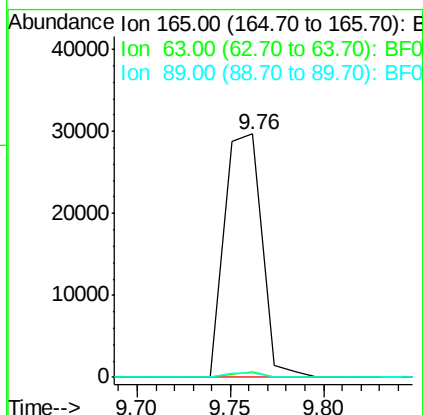
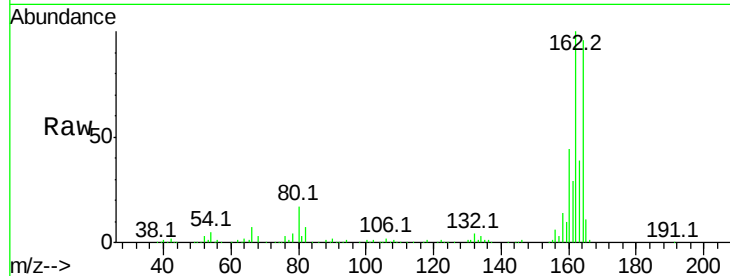




#50
2,6-Dinitrotoluene
Concen: 8.39 ng
RT: 9.76 min Scan# 689
Delta R.T. 0.19 min
Lab File: BF093588.D
Acq: 12 Mar 2017 3:59

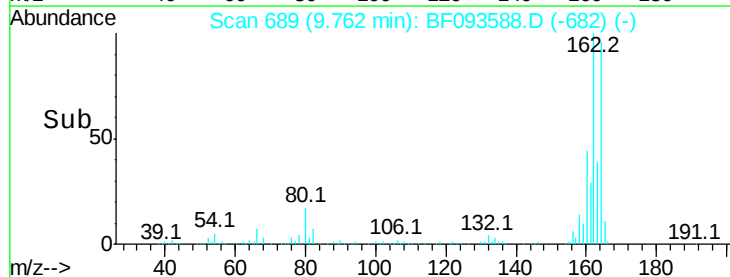
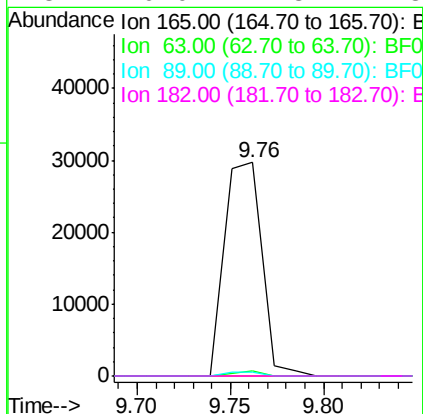
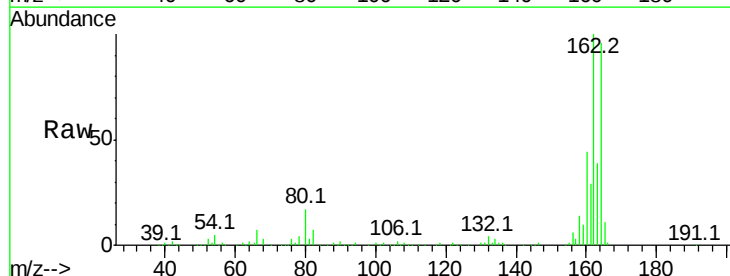
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ClientSampleId :
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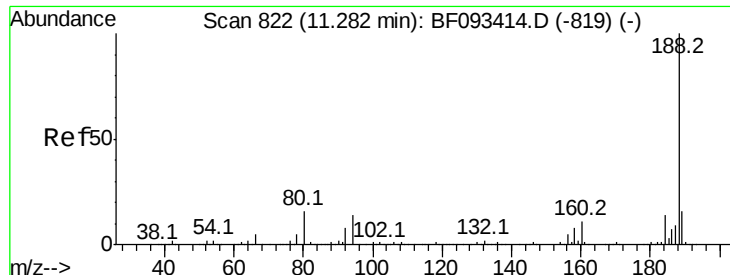
Tot Ion:165 Resp: 41606
Ion Ratio Lower Upper
165 100
63 2.2 36.2 54.4#
89 1.9 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 6.83 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.22 min
Lab File: BF093588.D
Acq: 12 Mar 2017 3:59

Tgt Ion:165 Resp: 41606
Ion Ratio Lower Upper
165 100
63 2.2 40.2 60.4#
89 1.9 62.5 93.7#
182 0.0 1.8 2.8#

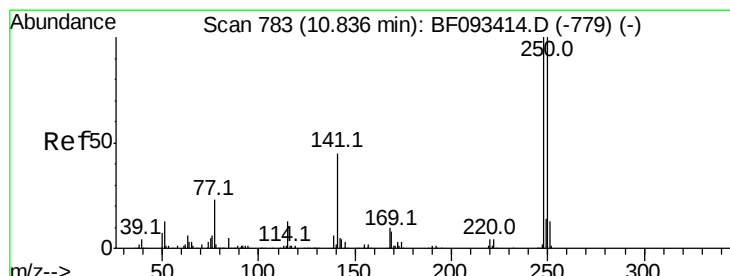
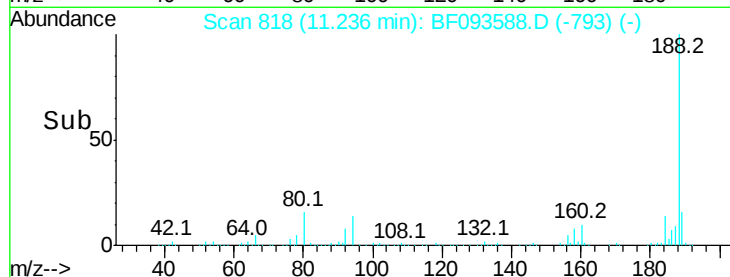
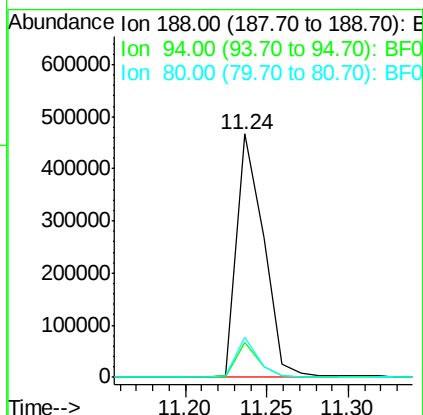
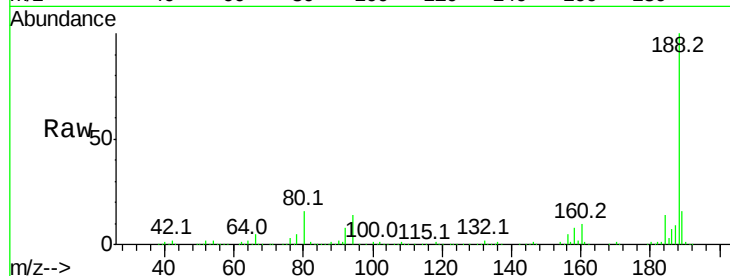




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF093588.D
 Acq: 12 Mar 2017 3:59

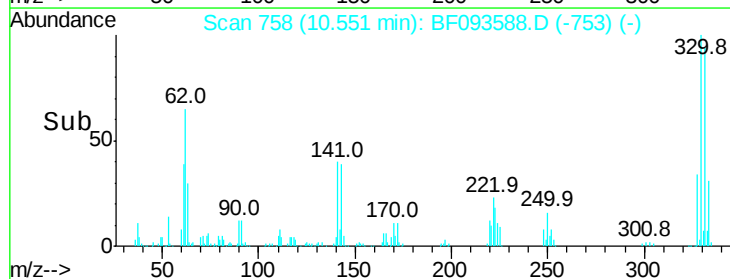
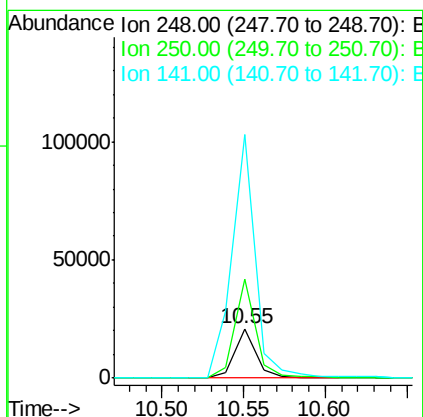
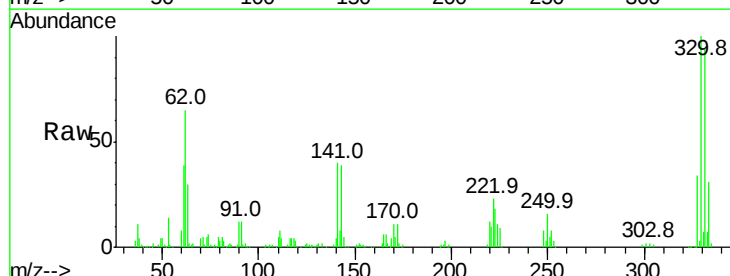
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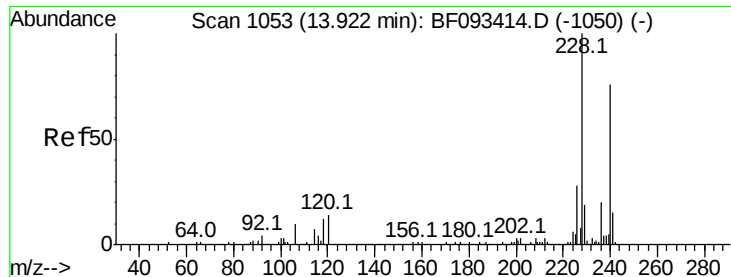
Tot Ion:188 Resp: 533006
 Ion Ratio Lower Upper
 188 100
 94 14.4 10.0 15.0
 80 16.3 11.2 16.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.37 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.24 min
 Lab File: BF093588.D
 Acq: 12 Mar 2017 3:59

Tgt Ion:248 Resp: 18969
 Ion Ratio Lower Upper
 248 100
 250 200.8 76.9 115.3#
 141 494.5 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.88 min Scan# 1049

Delta R.T. -0.01 min

Lab File: BF093588.D

Acq: 12 Mar 2017 3:59

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK

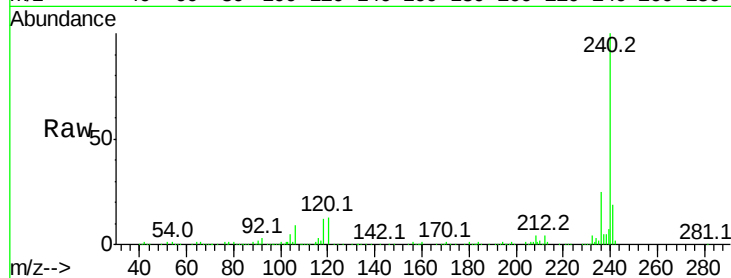
Tot Ion:240 Resp: 386548

Ion Ratio Lower Upper

240 100

120 13.4 12.9 19.3

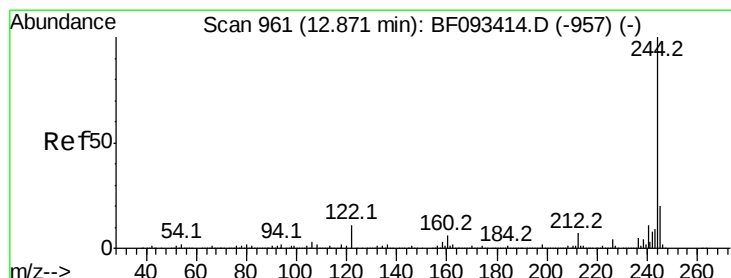
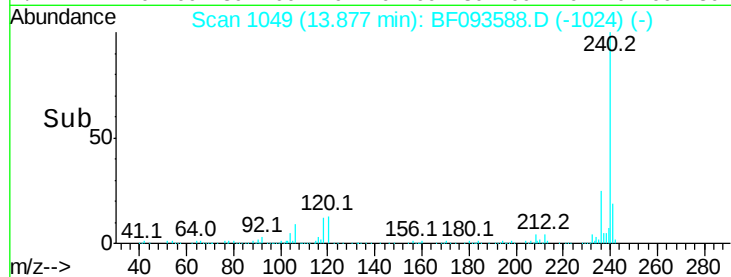
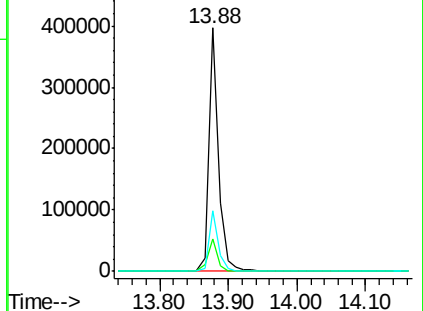
236 25.1 20.9 31.3



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: 84.70 ng

RT: 12.83 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF093588.D

Acq: 12 Mar 2017 3:59

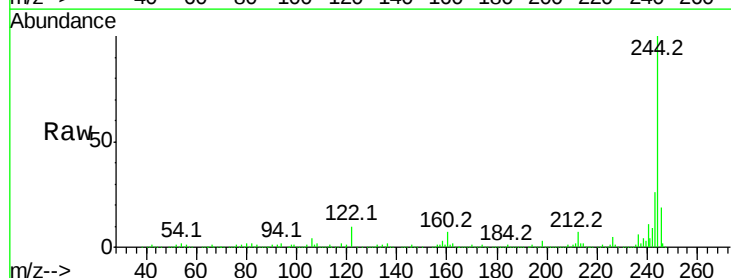
Tgt Ion:244 Resp: 1259273

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

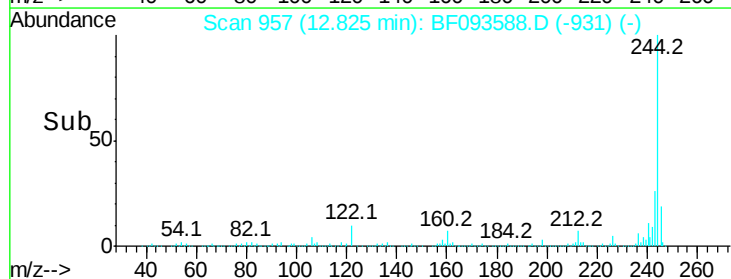
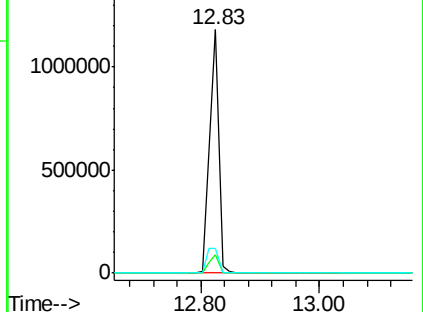
122 10.4 11.4 17.2#

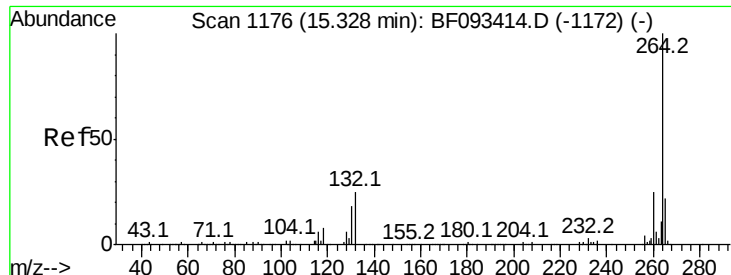


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

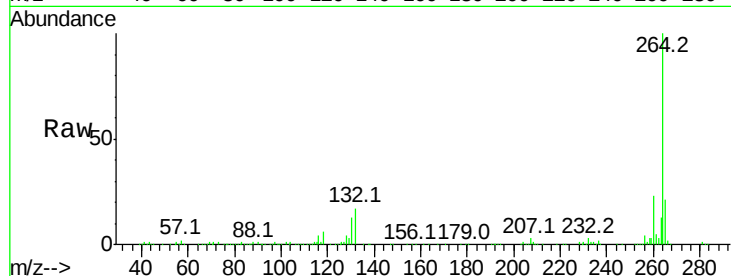




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.28 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BF093588.D
Acq: 12 Mar 2017 3:59

Instrument :
BNA_F
ClientSampleId :
FIELDBLANK

Tot Ion:264 Resp: 334117
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 21.3 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

