

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093527.D
 Acq On : 10 Mar 2017 17:37
 Operator : SJ/MA
 Sample : I2172-21
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 D-38

Quant Time: Mar 10 22:15:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

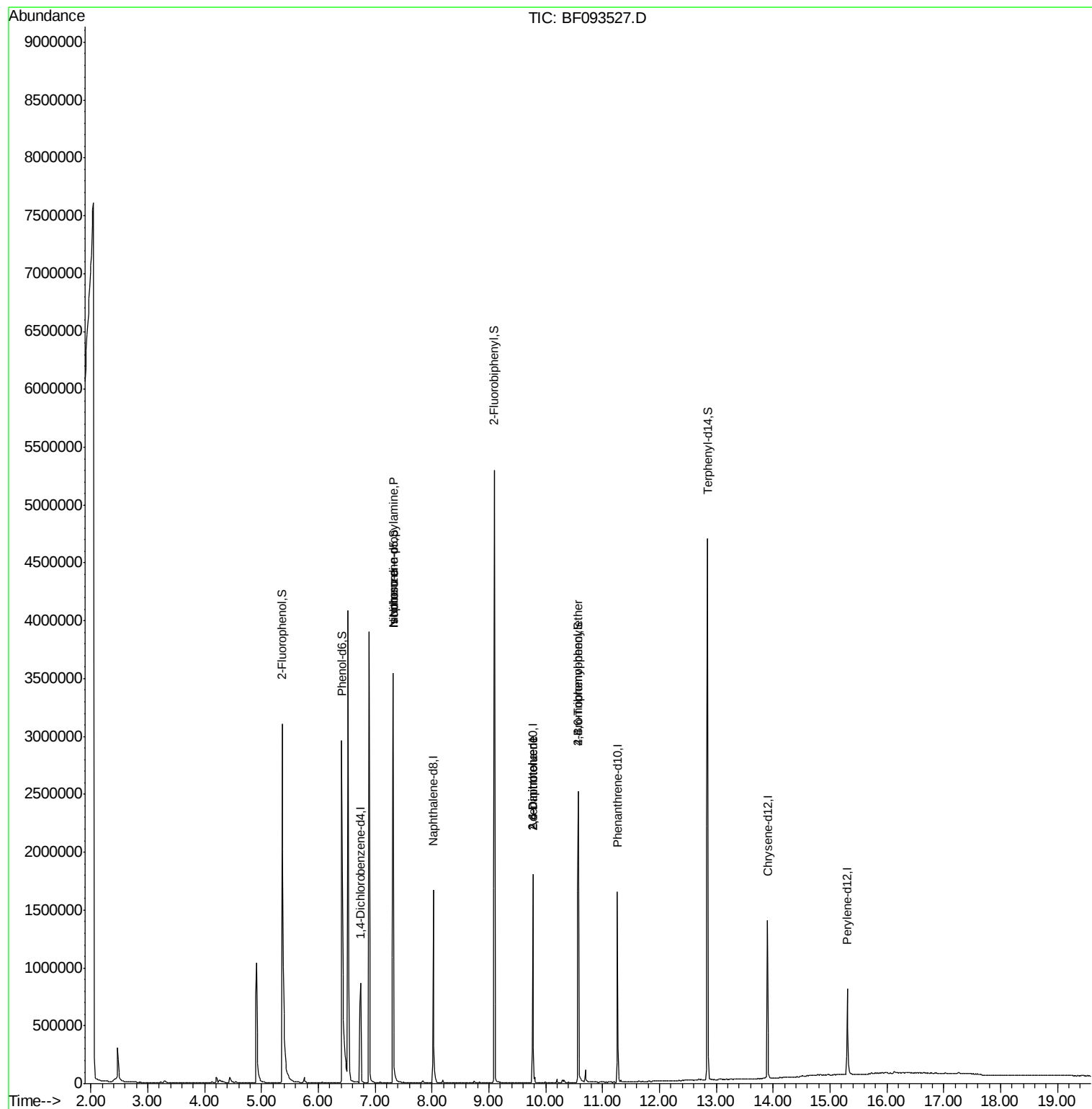
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	182324	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	737322	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	346138	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	589642	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	501233	20.00	ng	-0.02
86) Perylene-d12	15.31	264	353403	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1533818	140.01	ng	0.01
7) Phenol-d6	6.41	99	1858429	134.53	ng	0.00
23) Nitrobenzene-d5	7.32	82	1264893	95.18	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	355054	157.44	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1762649	94.72	ng	-0.03
78) Terphenyl-d14	12.85	244	1582318	82.08	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.41	77	2645	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	170418	17.94	ng	# 80
25) Isophorone	7.32	82	1264871	47.20	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	44107	8.76	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	44099	7.13	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	27926	4.48	ng	# 1

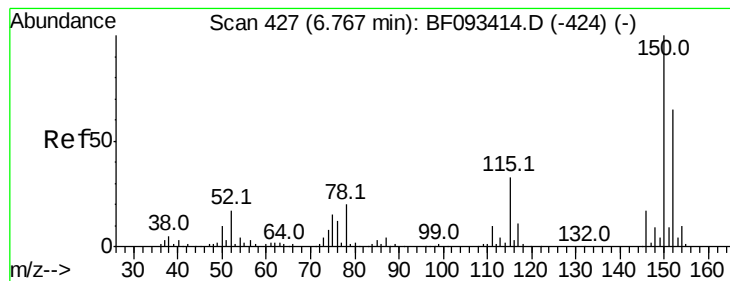
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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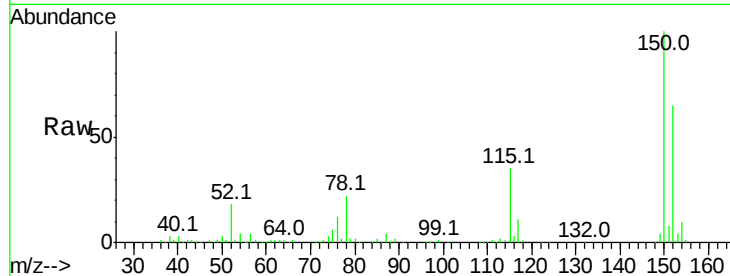


#1

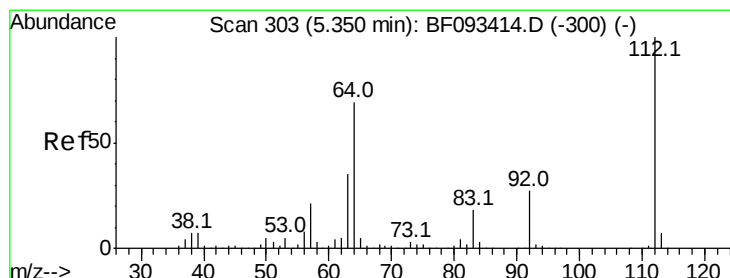
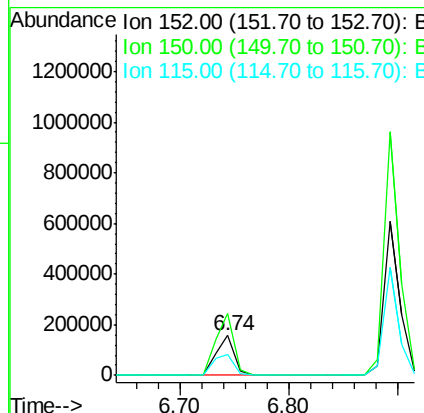
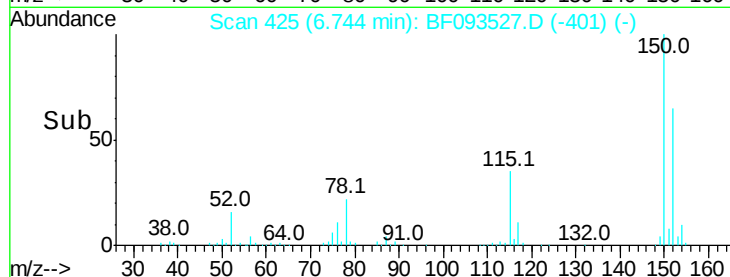
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093527.D
Acq: 10 Mar 2017 17:37

Instrument :
BNA_F
ClientSampleId :
D-38

Tot Ion:152 Resp: 182324
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 53.8 46.0 69.0



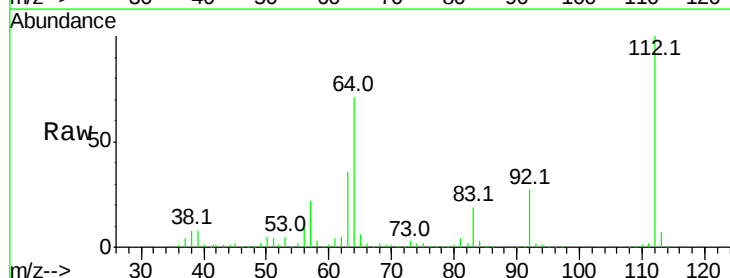
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



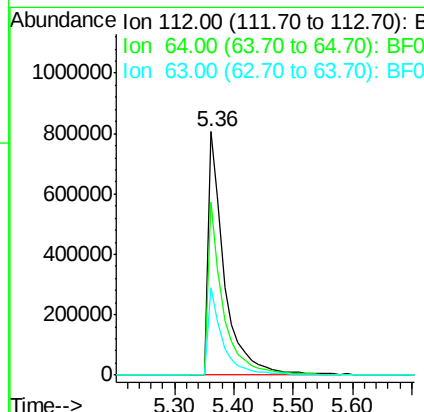
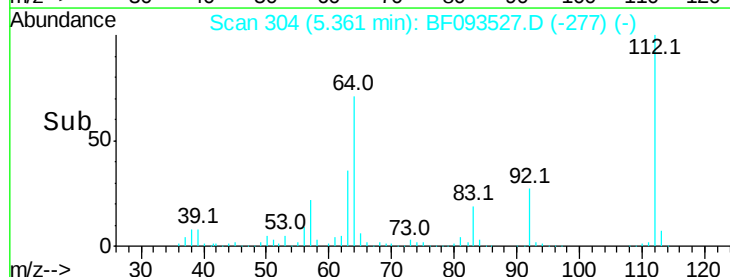
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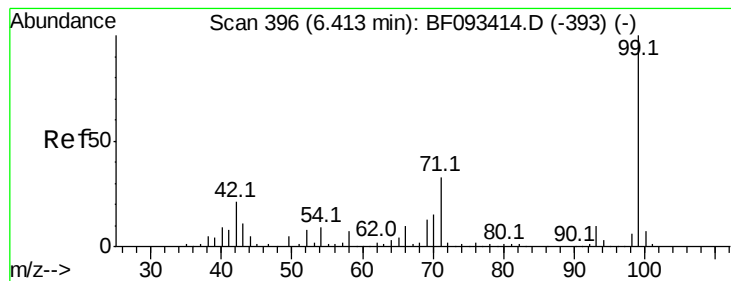
2-Fluorophenol
Concen: 140.01 ng
RT: 5.36 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF093527.D
Acq: 10 Mar 2017 17:37

Tgt Ion:112 Resp: 1533818
Ion Ratio Lower Upper
112 100
64 71.0 46.1 69.1#
63 35.9 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: 134.53 ng

RT: 6.41 min Scan# 396

Delta R.T. -0.00 min

Lab File: BF093527.D

Acq: 10 Mar 2017 17:37

Instrument :

BNA_F

ClientSampleId :

D-38

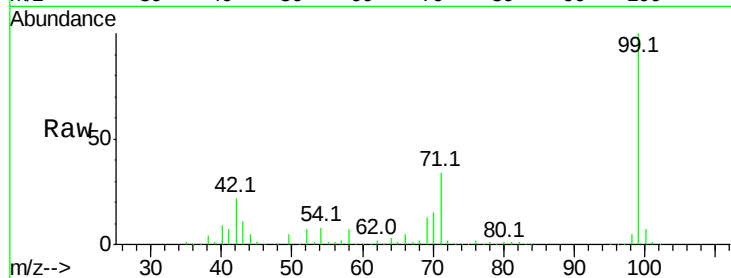
Tot Ion: 99 Resp: 1858429

Ion Ratio Lower Upper

99 100

42 21.5 15.6 23.4

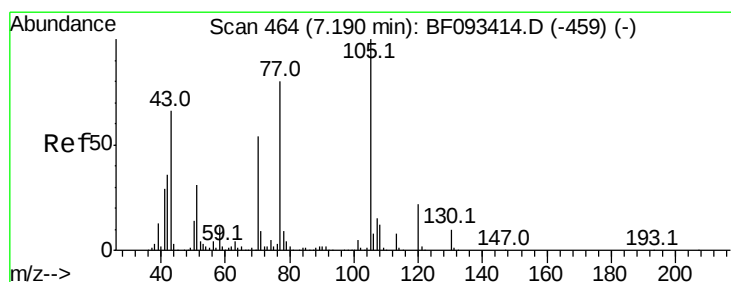
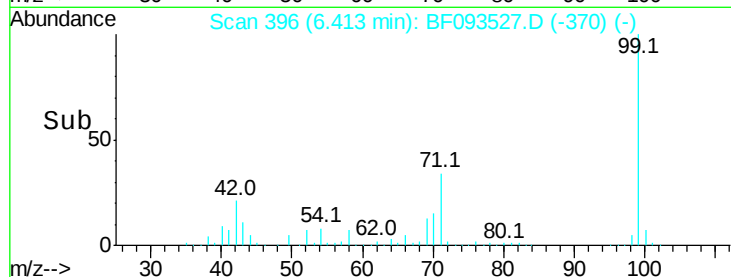
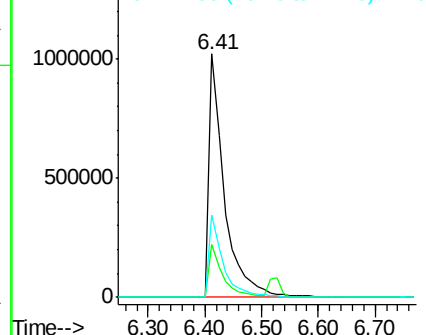
71 33.8 27.5 41.3



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: 17.94 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093527.D

Acq: 10 Mar 2017 17:37

Tgt Ion: 70 Resp: 170418

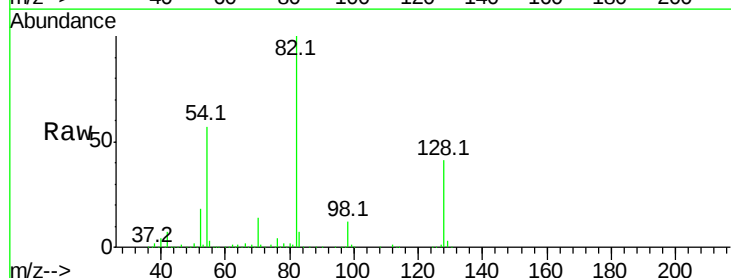
Ion Ratio Lower Upper

70 100

42 50.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

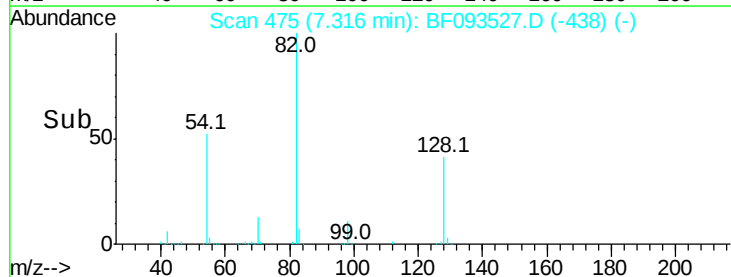
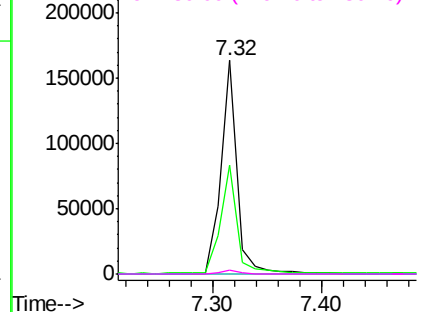


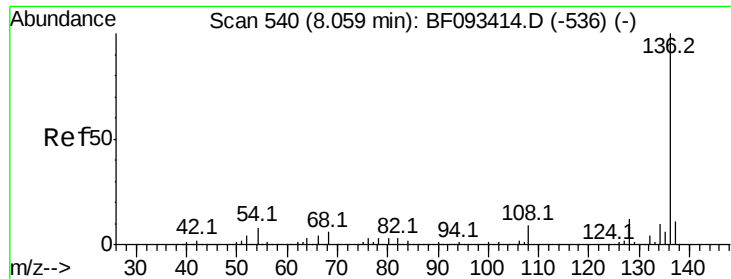
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

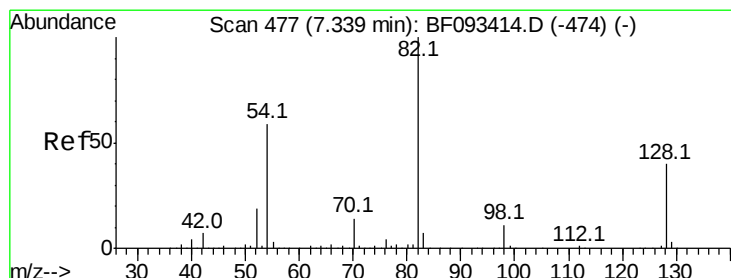
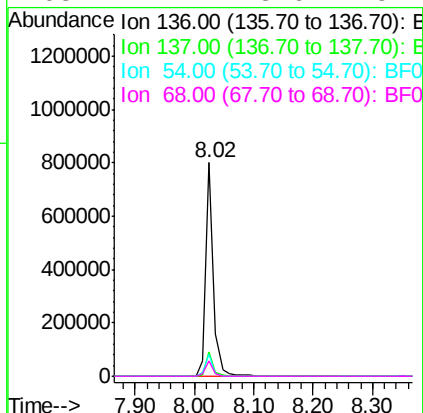
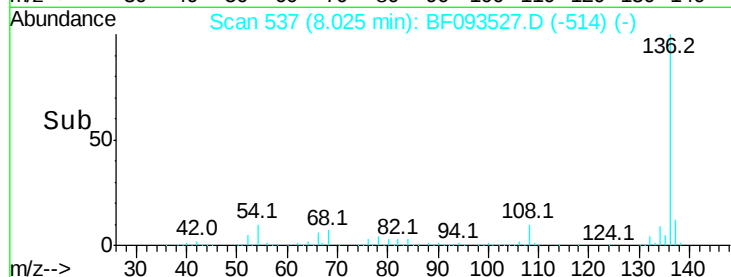
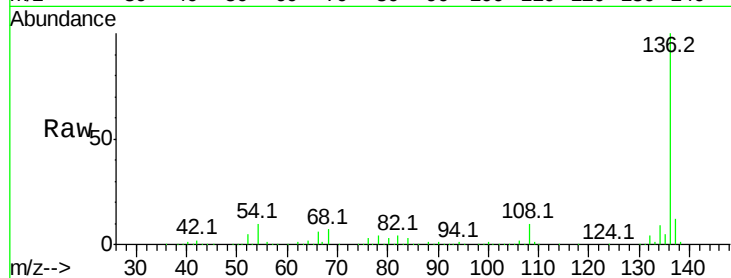




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093527.D
Acq: 10 Mar 2017 17:37

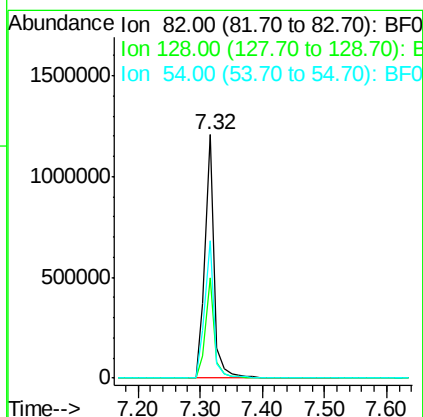
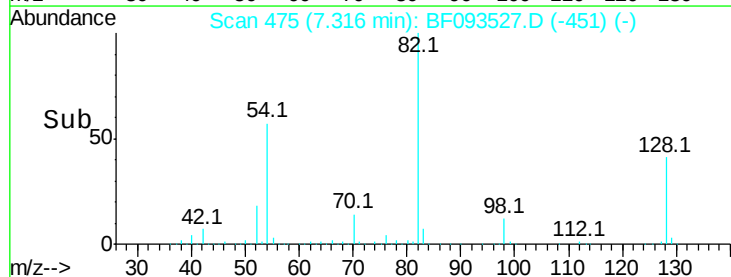
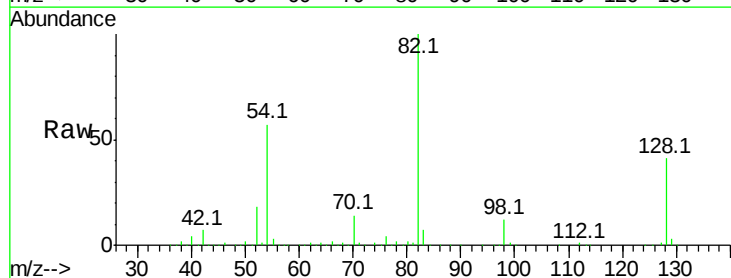
Instrument :
BNA_F
ClientSampleId :
D-38

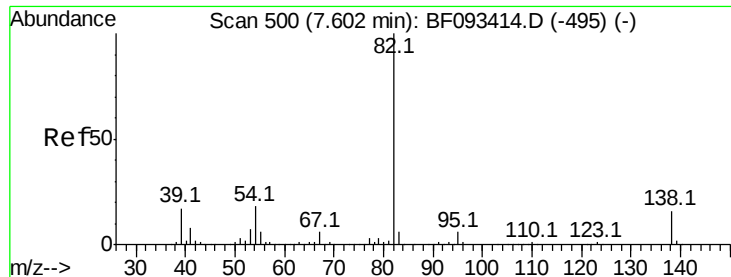
Tot Ion:136	Resp: 737322
Ion Ratio	Lower Upper
136 100	
137 11.5	8.4 12.6
54 10.4	4.5 6.7#
68 7.4	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 95.18 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093527.D
Acq: 10 Mar 2017 17:37

Tgt Ion: 82	Resp: 1264893
Ion Ratio	Lower Upper
82 100	
128 41.4	34.6 52.0
54 56.7	39.5 59.3





#25

Isophorone

Concen: 47.20 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093527.D

Acq: 10 Mar 2017 17:37

Instrument :

BNA_F

ClientSampleId :

D-38

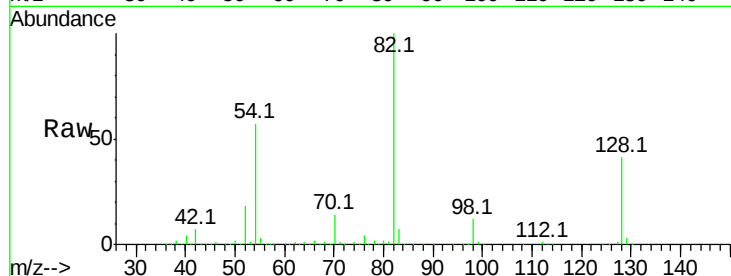
Tot Ion: 82 Resp: 1264871

Ion Ratio Lower Upper

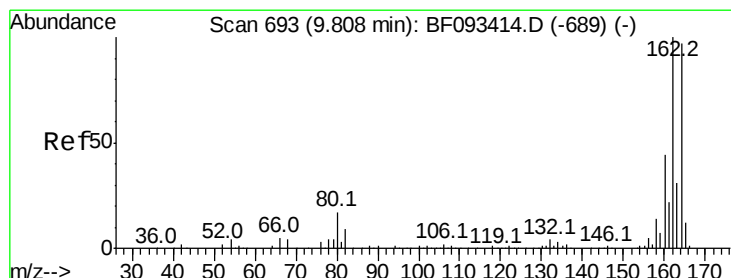
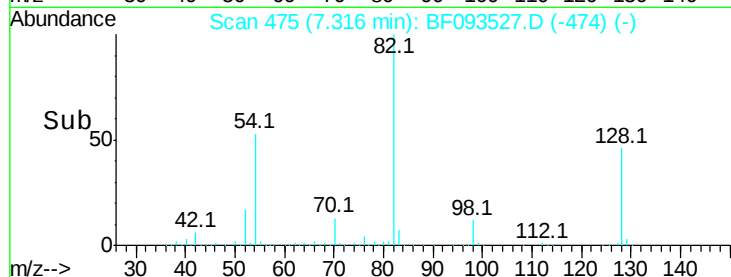
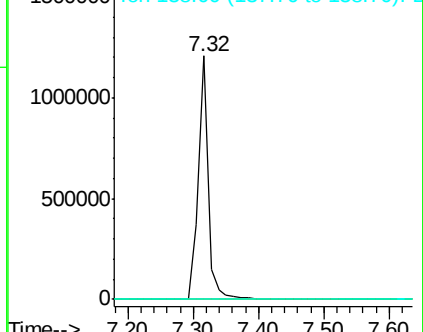
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093527.D

Acq: 10 Mar 2017 17:37

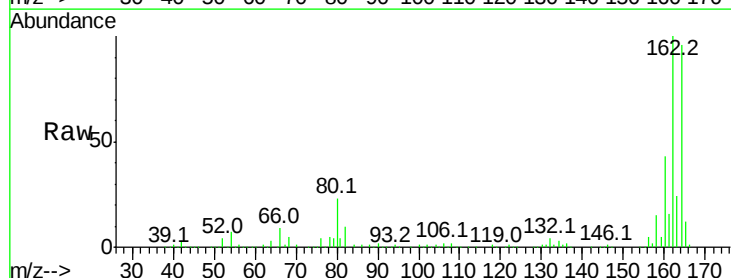
Tgt Ion:164 Resp: 346138

Ion Ratio Lower Upper

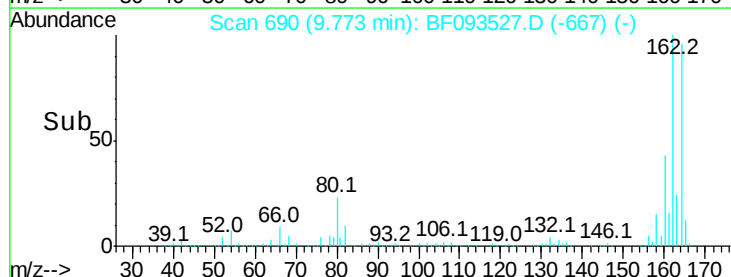
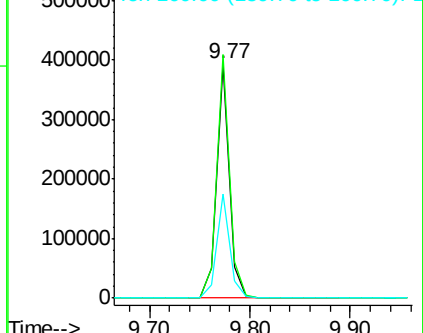
164 100

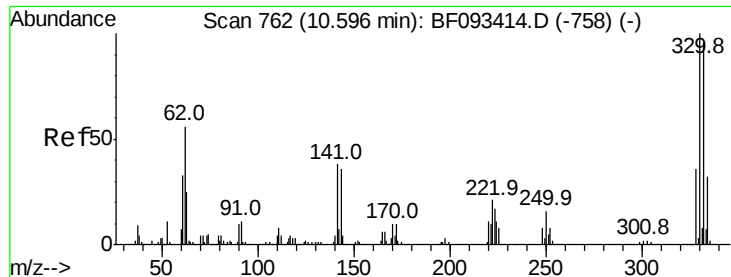
162 104.2 80.2 120.2

160 44.5 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

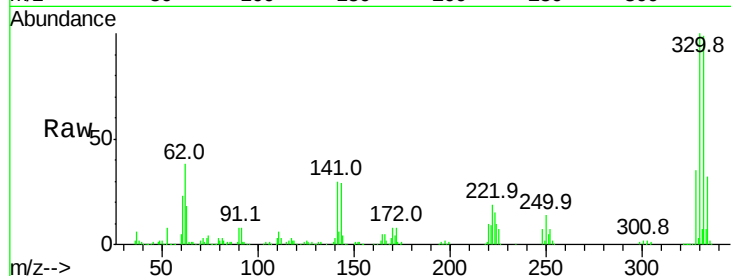




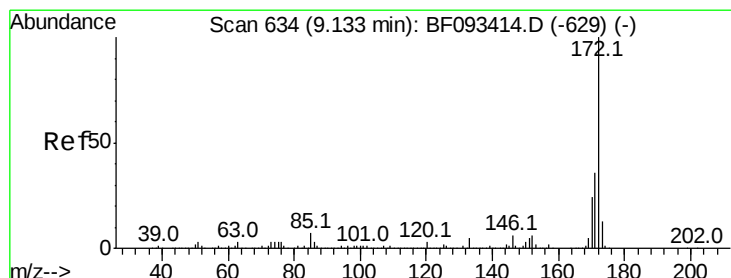
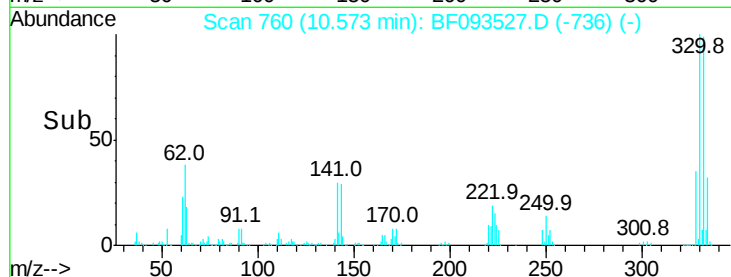
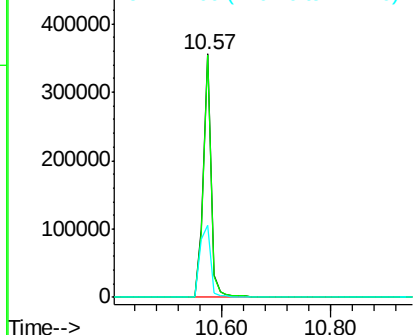
#41
 2,4,6-Tribromophenol
 Concen: 157.44 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093527.D
 Acq: 10 Mar 2017 17:37

Instrument :
 BNA_F
 ClientSampleId :
 D-38

Tot Ion:330 Resp: 355054
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.4 116.2
 141 40.3 34.1 51.1

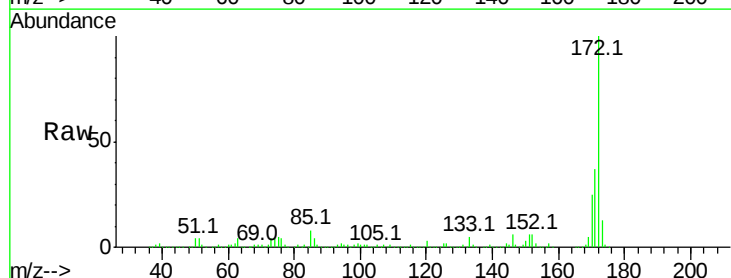


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

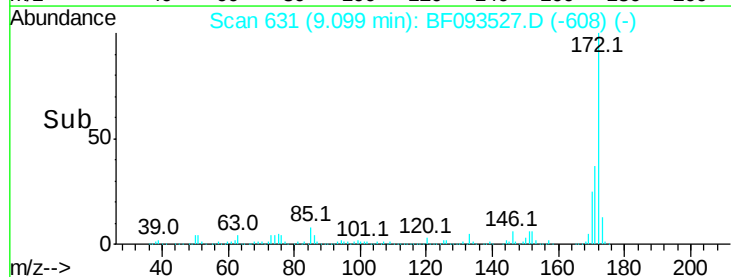
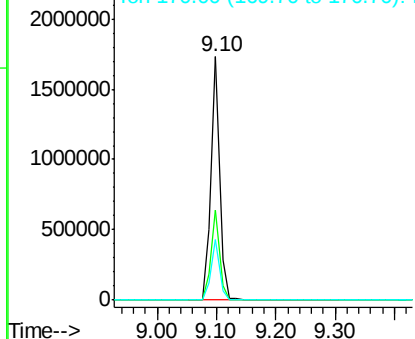


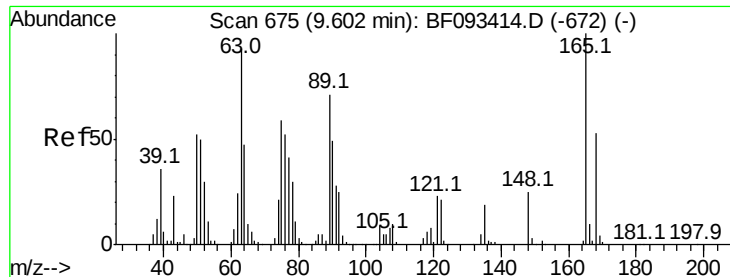
#44
 2-Fluorobiphenyl
 Concen: 94.72 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093527.D
 Acq: 10 Mar 2017 17:37

Tgt Ion:172 Resp: 1762649
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 25.0 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

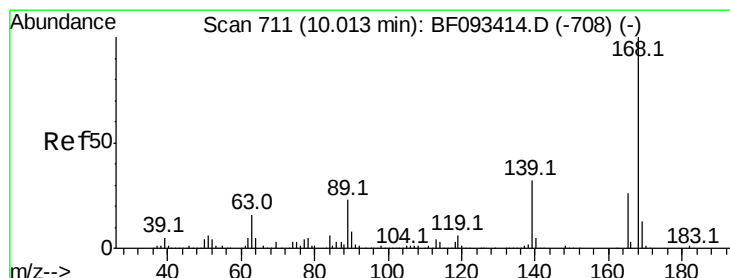
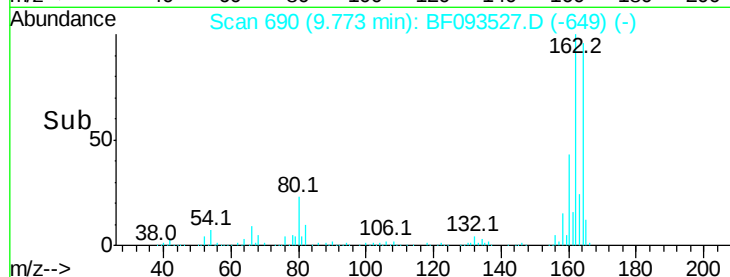
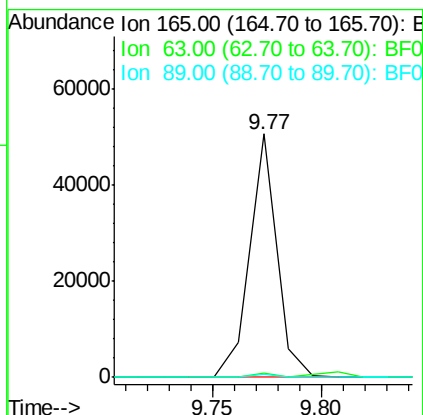
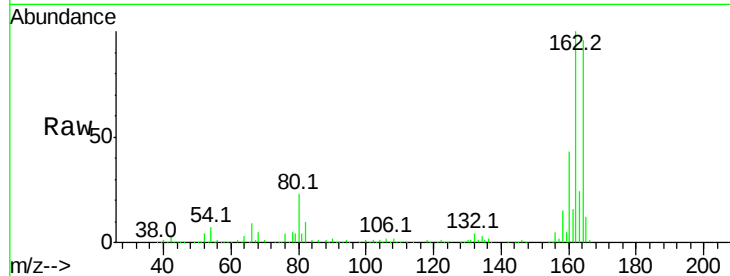




#50
2,6-Dinitrotoluene
Concen: 8.76 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.17 min
Lab File: BF093527.D
Acq: 10 Mar 2017 17:37

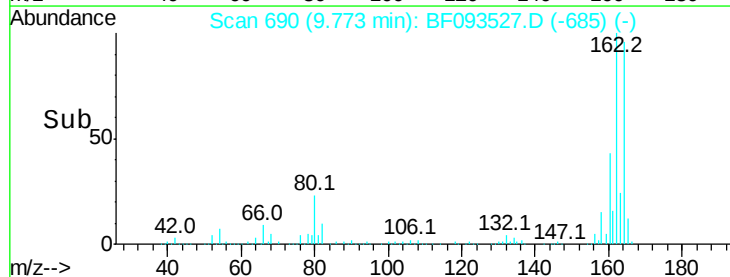
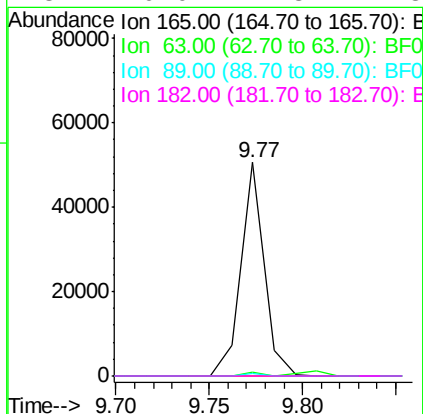
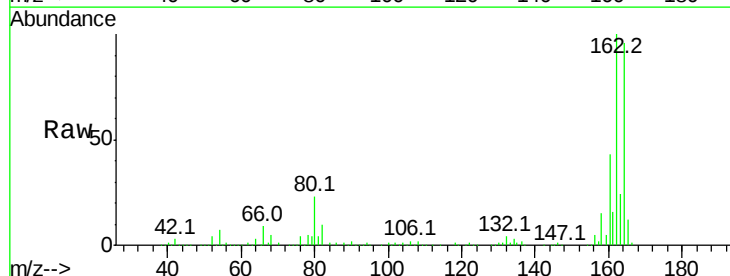
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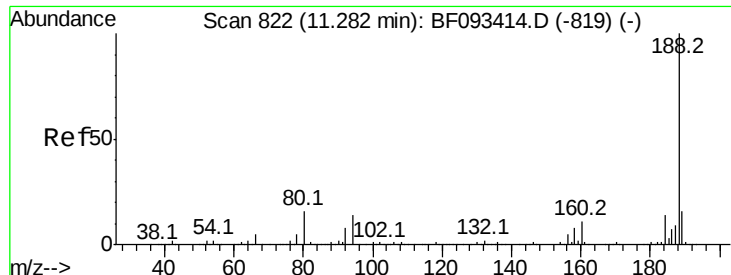
Tot Ion:165 Resp: 44107
Ion Ratio Lower Upper
165 100
63 1.7 36.2 54.4#
89 1.5 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 7.13 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.24 min
Lab File: BF093527.D
Acq: 10 Mar 2017 17:37

Tgt Ion:165 Resp: 44099
Ion Ratio Lower Upper
165 100
63 1.7 40.2 60.4#
89 1.5 62.5 93.7#
182 0.0 1.8 2.8#

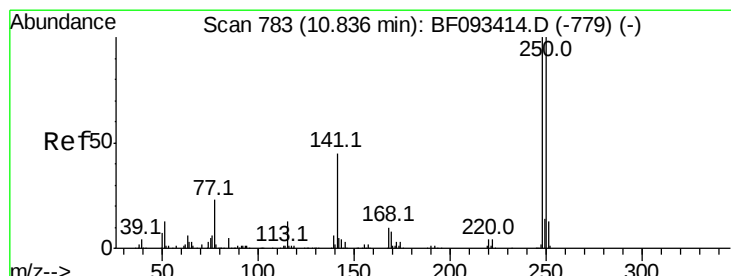
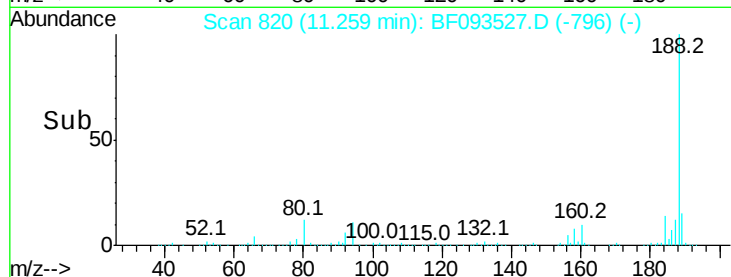
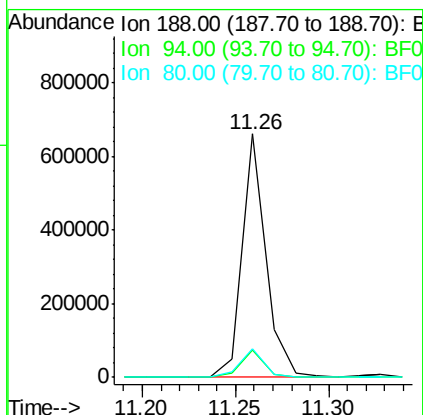
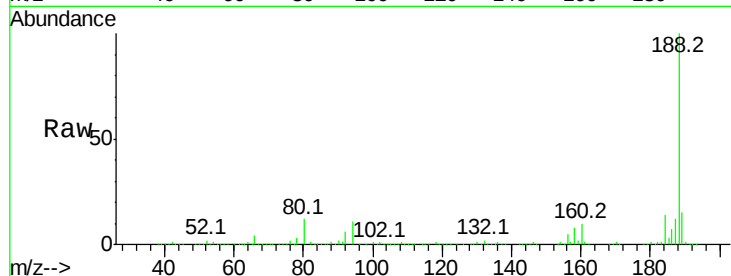




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093527.D
 Acq: 10 Mar 2017 17:37

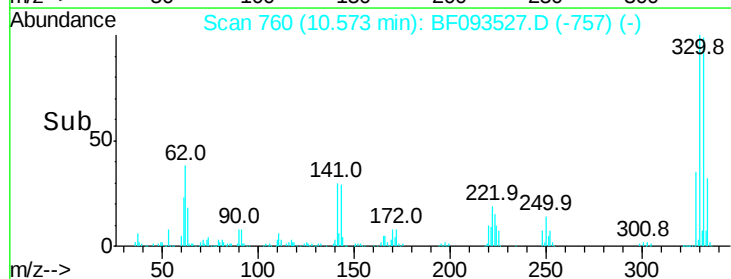
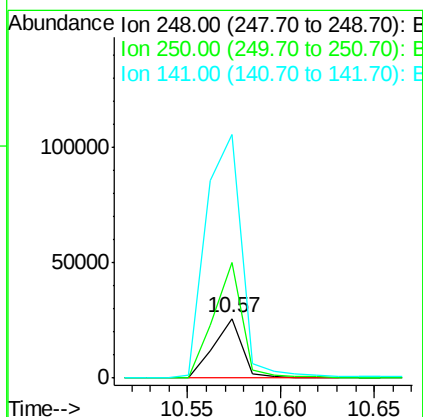
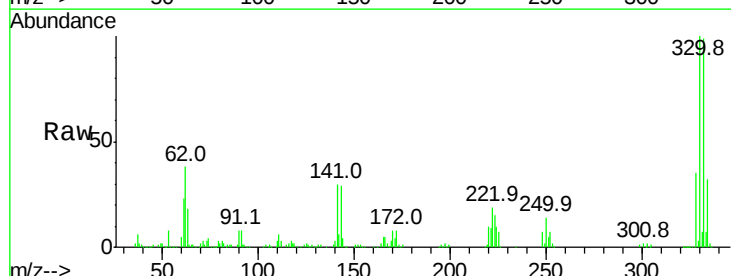
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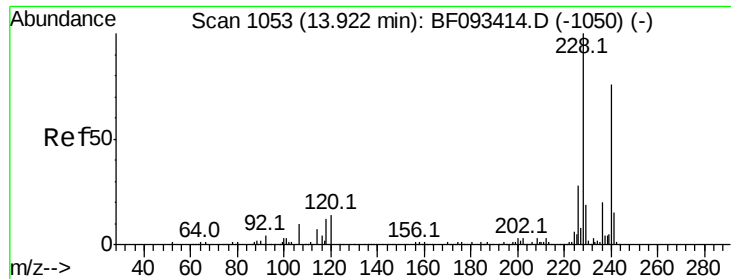
Tot Ion:188 Resp: 589642
 Ion Ratio Lower Upper
 188 100
 94 11.2 10.0 15.0
 80 11.9 11.2 16.8



#66
 4-Bromophenyl-phenylether
 Concen: 4.48 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093527.D
 Acq: 10 Mar 2017 17:37

Tgt Ion:248 Resp: 27926
 Ion Ratio Lower Upper
 248 100
 250 192.9 76.9 115.3#
 141 407.0 68.2 102.4#





#75

Chrvsene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF093527.D

Acq: 10 Mar 2017 17:37

Instrument :

BNA_F

ClientSampleId :

D-38

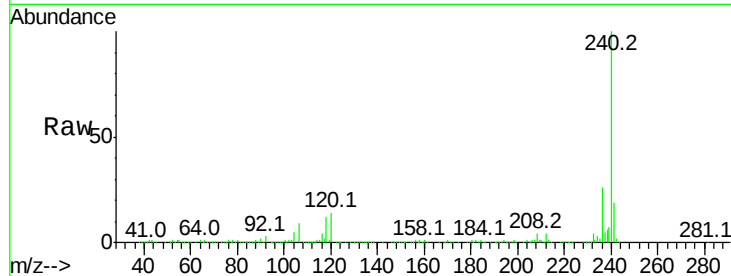
Tot Ion:240 Resp: 501233

Ion Ratio Lower Upper

240 100

120 13.9 12.9 19.3

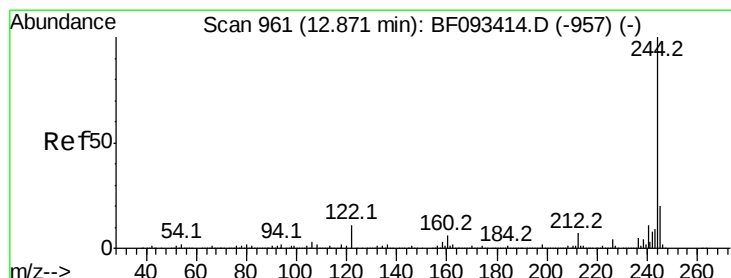
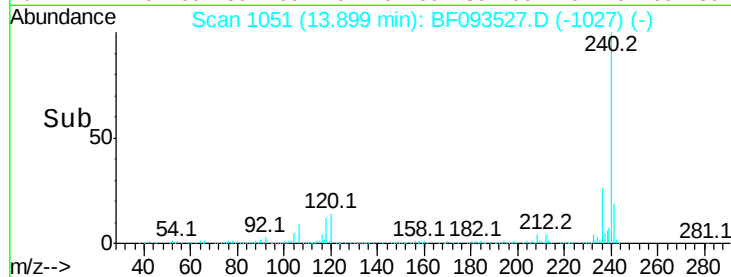
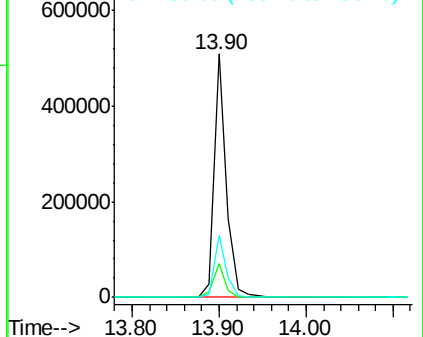
236 25.6 20.9 31.3



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: 82.08 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093527.D

Acq: 10 Mar 2017 17:37

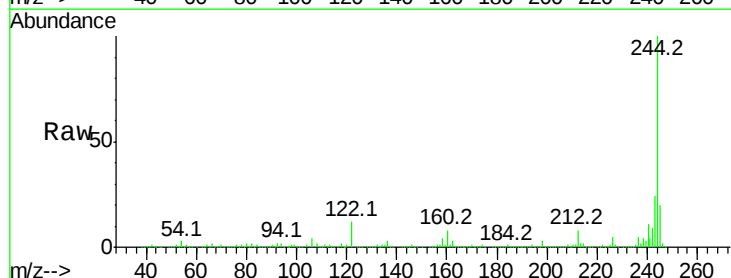
Tgt Ion:244 Resp: 1582318

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

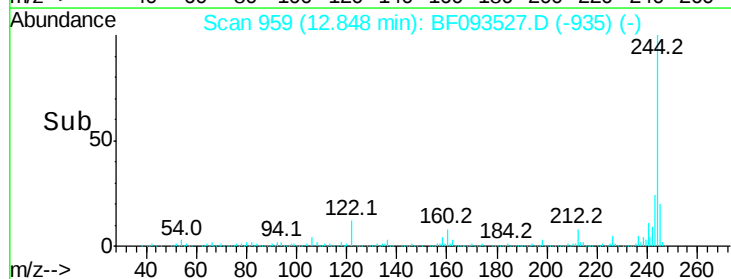
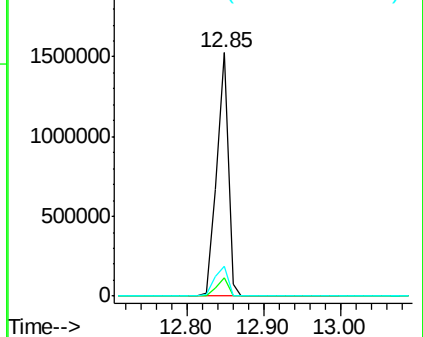
122 12.2 11.4 17.2

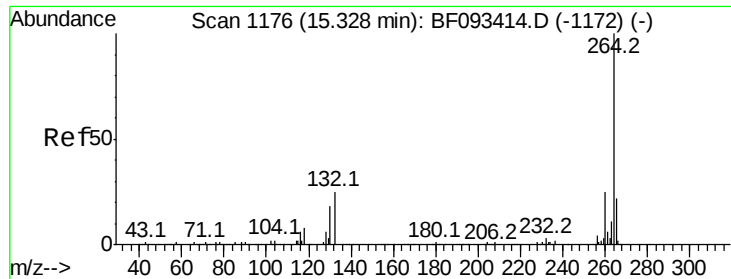


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

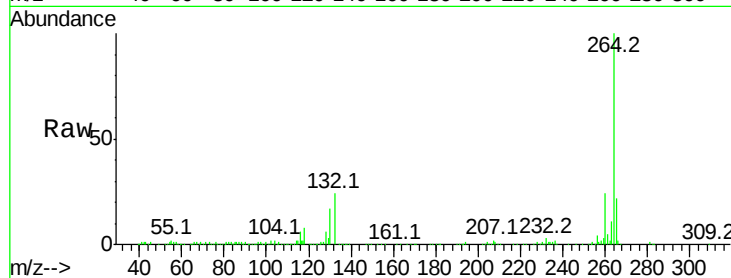




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093527.D
Acq: 10 Mar 2017 17:37

Instrument :
BNA_F
ClientSampleId :
D-38

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.9	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

