

Data Path : Z:\HPCHEM1\BNA F\DATA\BF030917\
 Data File : BF093514.D
 Acq On : 10 Mar 2017 10:01
 Operator : SJ/MA
 Sample : I2132-07
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 10 10:37:25 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

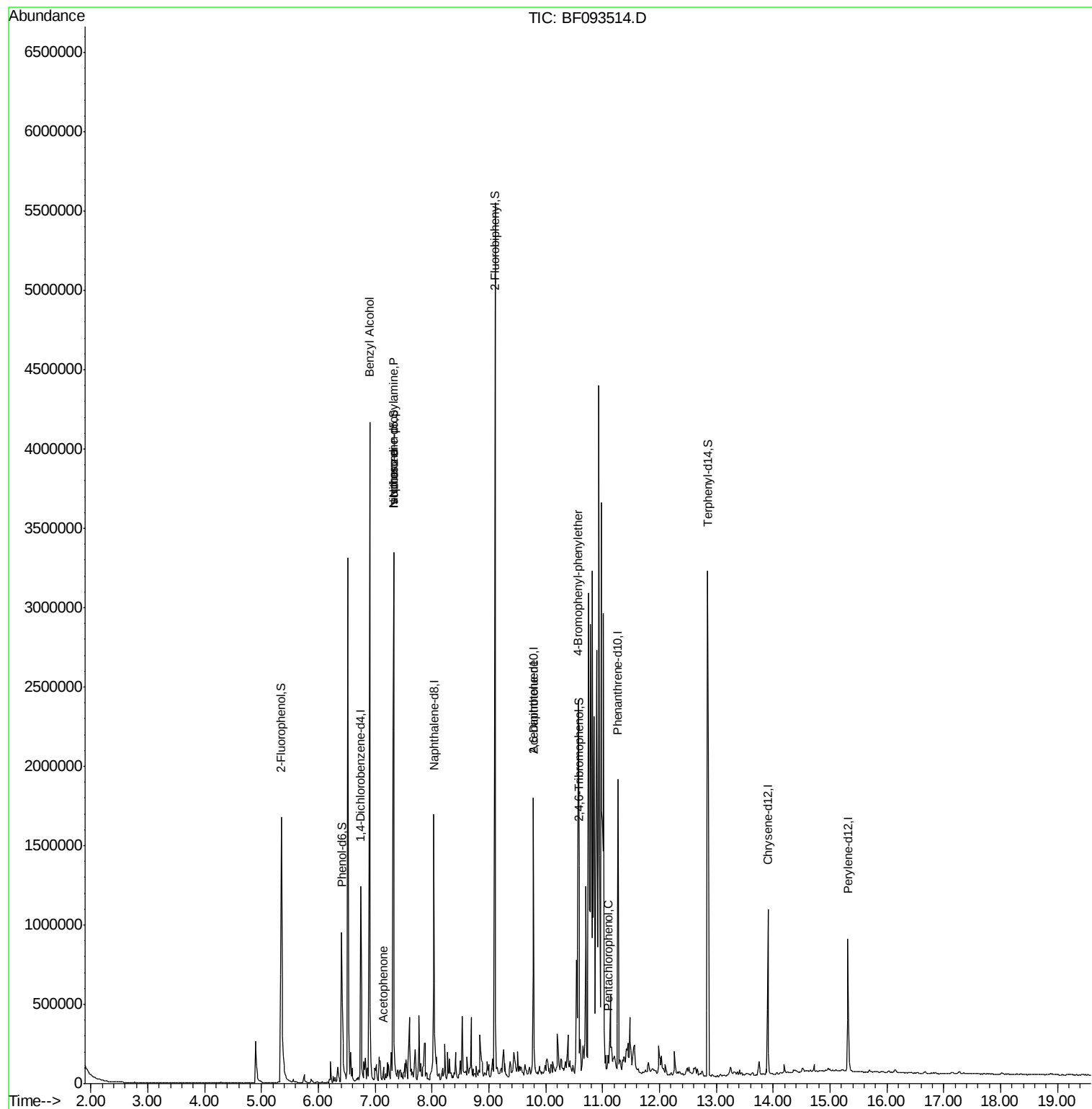
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	200508	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	748883	20.00	ng	-0.02
38) Acenaphthene-d10	9.78	164	355652	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	604143	20.00	ng	-0.01
75) Chrysene-d12	13.91	240	396085	20.00	ng	-0.01
86) Perylene-d12	15.32	264	363927	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	707369	58.72	ng	0.00
7) Phenol-d6	6.41	99	609457	40.12	ng	0.00
23) Nitrobenzene-d5	7.33	82	1381958	102.39	ng	-0.01
41) 2,4,6-Tribromophenol	10.58	330	320547	138.34	ng	-0.01
44) 2-Fluorobiphenyl	9.11	172	1748558	91.45	ng	-0.02
78) Terphenyl-d14	12.85	244	1271445	83.46	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.26	77	2357	Below Cal	#	1
15) Benzyl Alcohol	6.90	79	21934	2.03	ng	43
19) n-Nitroso-di-n-propylamine	7.33	70	182427	17.47	ng	78
22) Acetophenone	7.14	105	36441	2.02	ng	55
25) Isophorone	7.33	82	1364417	50.13	ng	65
50) 2,6-Dinitrotoluene	9.78	165	47877	9.25	ng	32
66) 4-Bromophenyl-phenylether	10.57	248	23902	3.74	ng	1
69) Pentachlorophenol	11.10	266	4400	2.09	ng	79

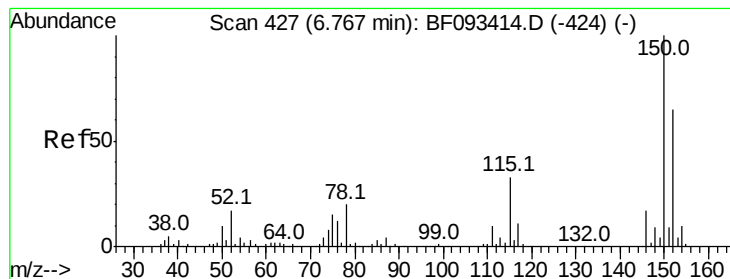
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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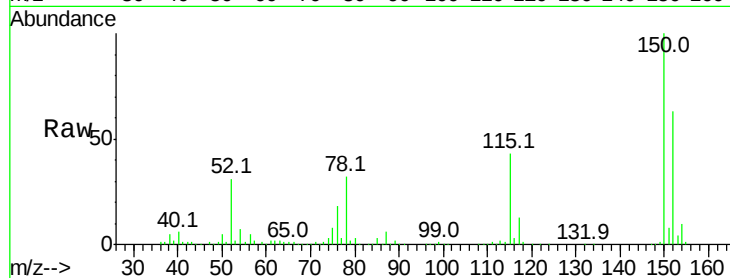


#1

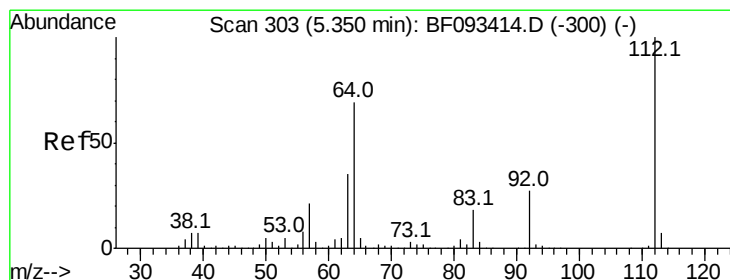
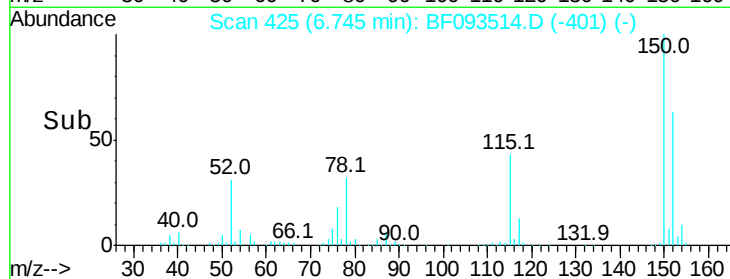
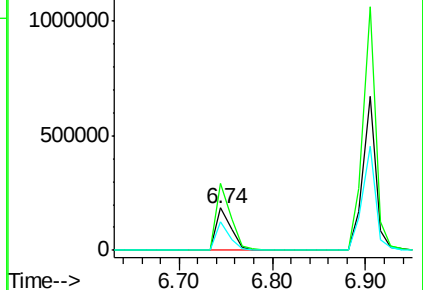
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.74 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF093514.D
Acq: 10 Mar 2017 10:01

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	124.9	187.3
115	68.2	46.0	69.0



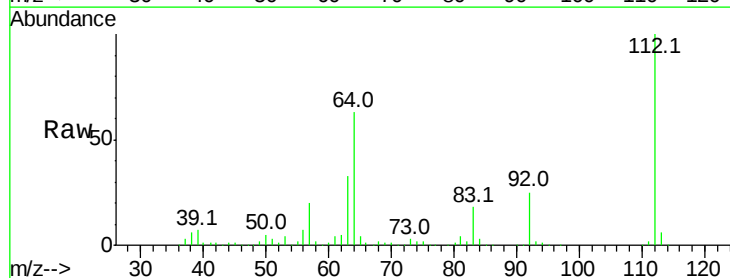
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



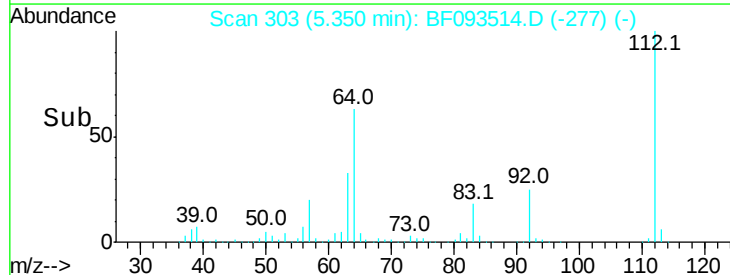
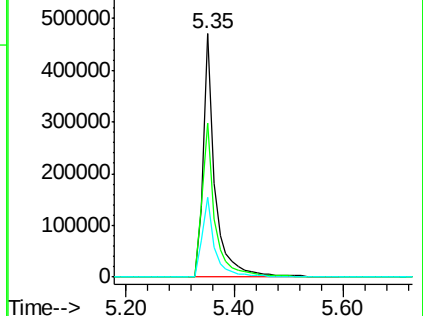
#5

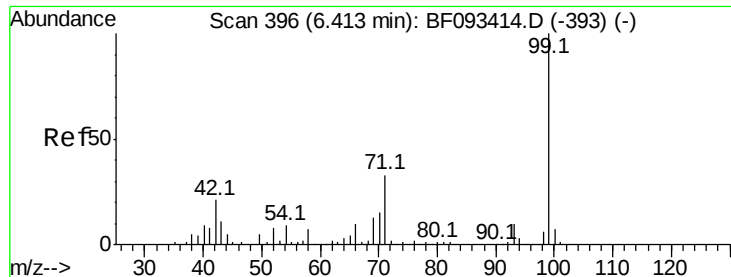
2-Fluorophenol
Concen: 58.72 ng
RT: 5.35 min Scan# 303
Delta R.T. 0.00 min
Lab File: BF093514.D
Acq: 10 Mar 2017 10:01

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.2	46.1	69.1
63	32.7	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: 40.12 ng

RT: 6.41 min Scan# 396

Delta R.T. 0.00 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

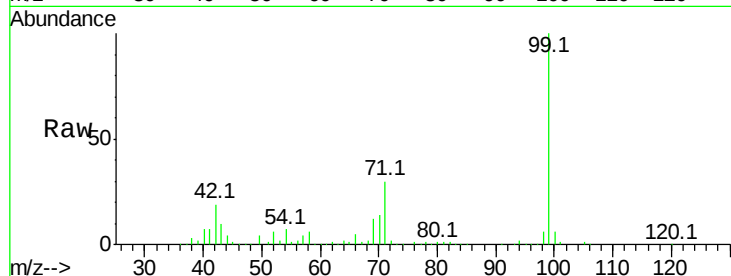
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 609457

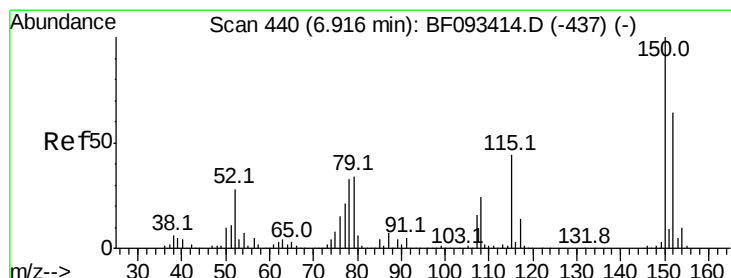
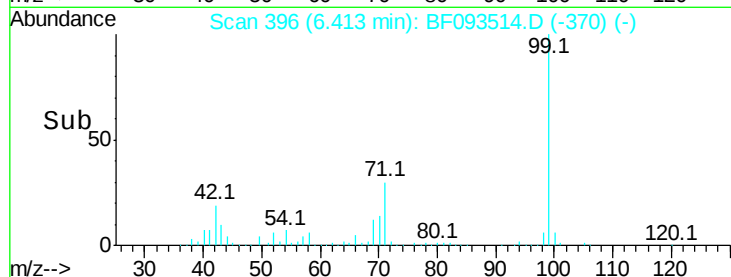
Ion	Ratio	Lower	Upper
99	100		
42	18.8	15.6	23.4
71	29.7	27.5	41.3



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: 2.03 ng

RT: 6.90 min Scan# 439

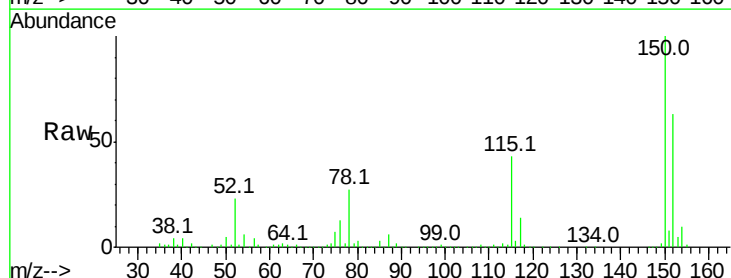
Delta R.T. -0.01 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

Tgt Ion: 79 Resp: 21934

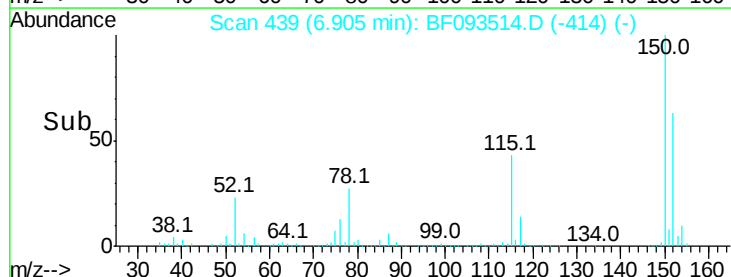
Ion	Ratio	Lower	Upper
79	100		
108	27.5	61.4	92.0#
77	107.7	50.9	76.3#

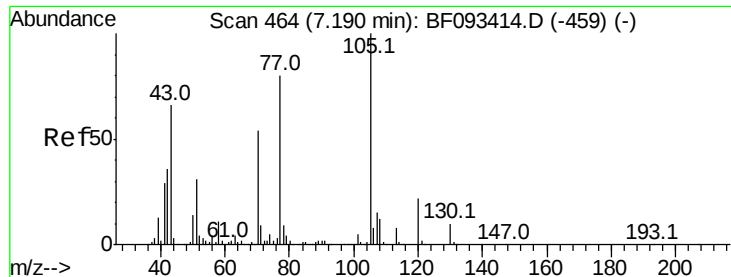


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

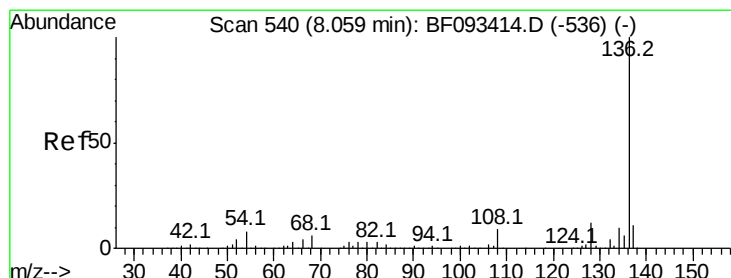
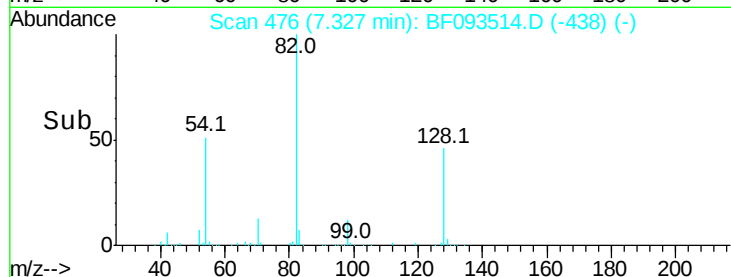
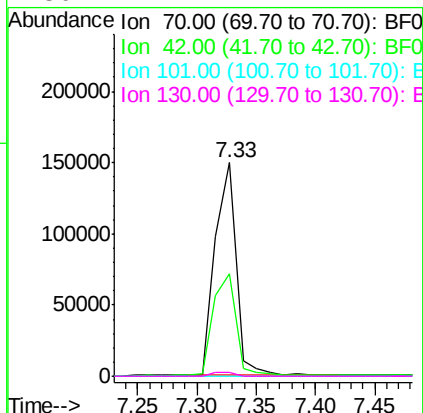
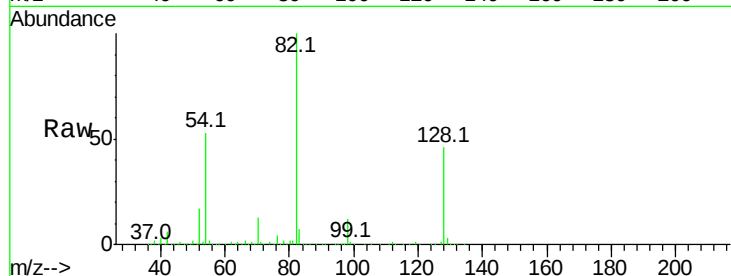




#19
n-Nitroso-di-n-propylamine
Concen: 17.47 ng
RT: 7.33 min Scan# 476
Delta R.T. 0.14 min
Lab File: BF093514.D
Acq: 10 Mar 2017 10:01

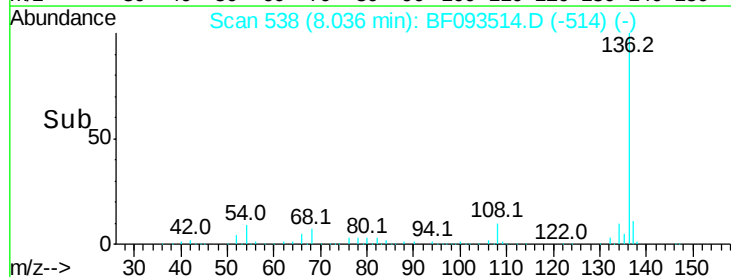
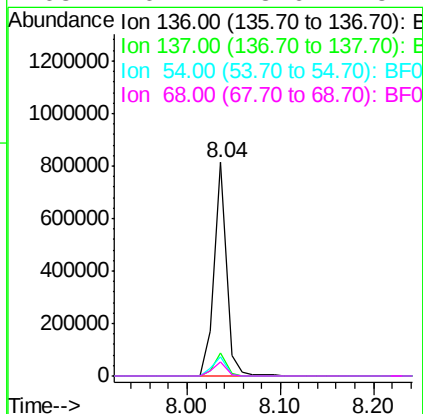
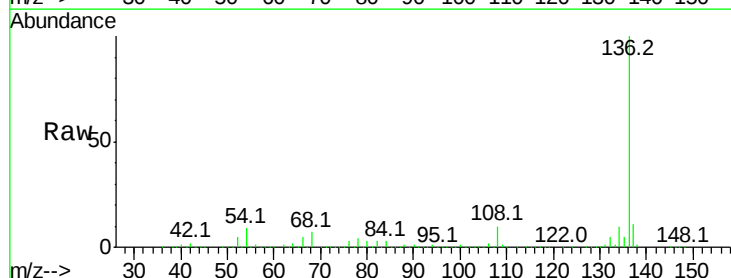
Instrument :
BNA_F
ClientSampled :

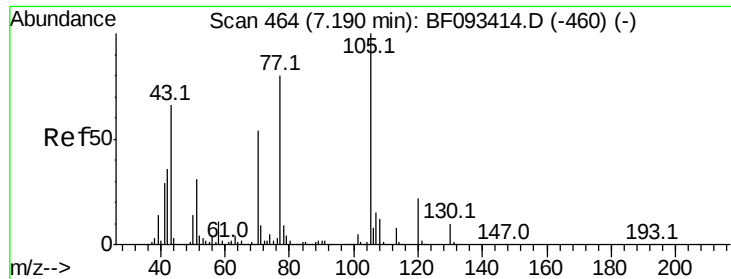
Tot Ion: 70 Resp: 182427
Ion Ratio Lower Upper
70 100
42 47.9 49.4 74.0#
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF093514.D
Acq: 10 Mar 2017 10:01

Tgt Ion:136 Resp: 748883
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 8.9 4.5 6.7#
68 6.7 3.6 5.4#





#22

Acetophenone

Concen: 2.02 ng

RT: 7.14 min Scan# 460

Delta R.T. -0.05 min

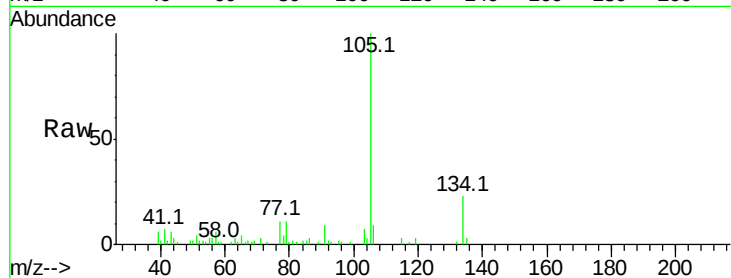
Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

Instrument :

BNA_F

ClientSampled :



Tot Ion:105 Resp: 36441

Ion Ratio Lower Upper

105 100

71 2.5 3.2 4.8#

51 4.4 26.2 39.4#

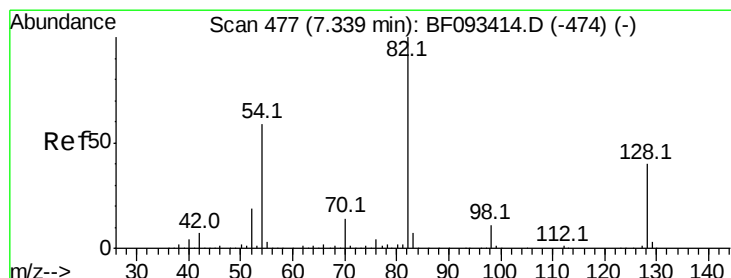
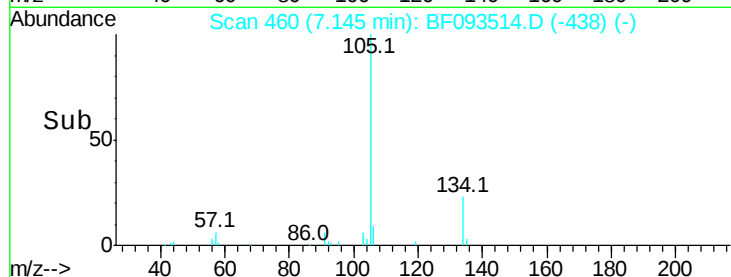
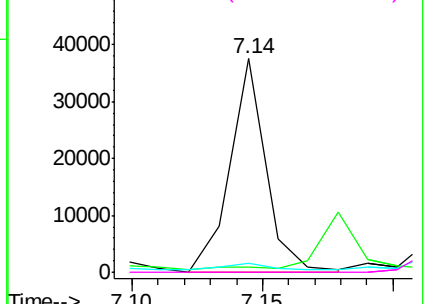
120 0.0 16.6 24.8#

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 102.39 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.01 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

Tgt Ion: 82 Resp: 1381958

Ion Ratio Lower Upper

82 100

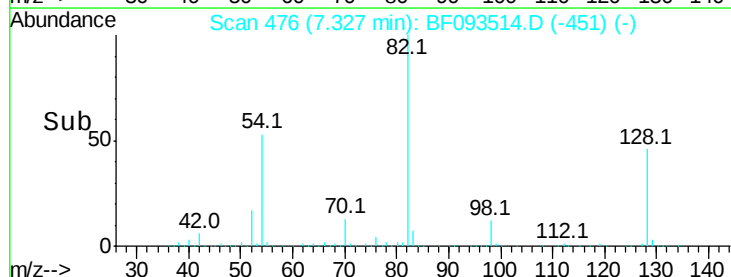
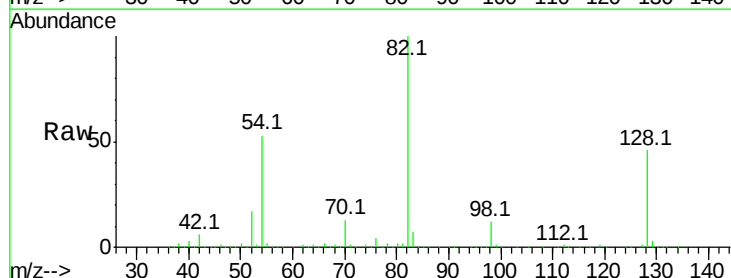
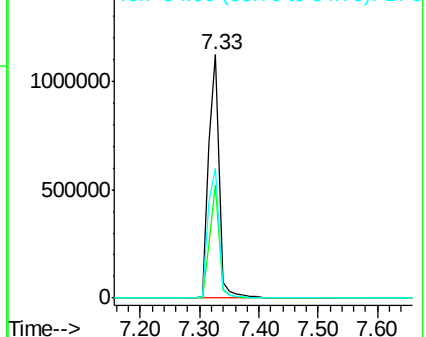
128 46.2 34.6 52.0

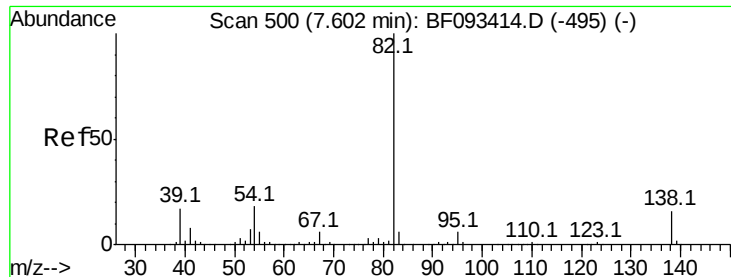
54 53.3 39.5 59.3

Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 50.13 ng

RT: 7.33 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

Instrument :

BNA_F

ClientSampleId :

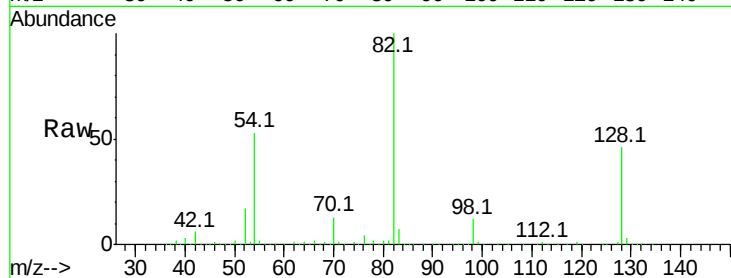
Tot Ion: 82 Resp: 1364417

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

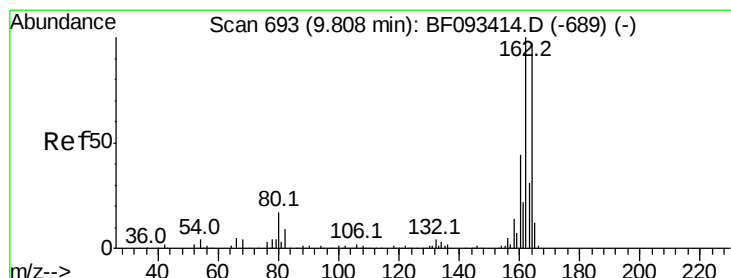
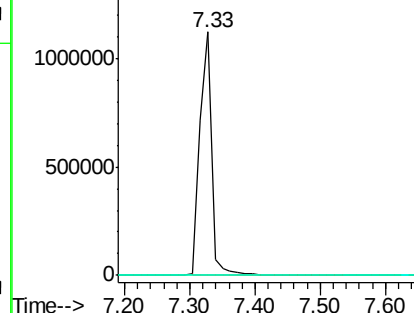
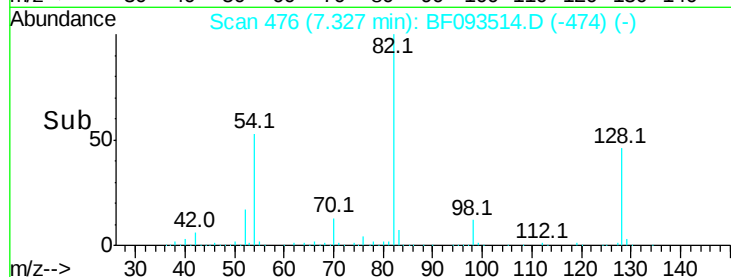
138 0.0 14.6 22.0#



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: 9.78 min Scan# 691

Delta R.T. -0.02 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

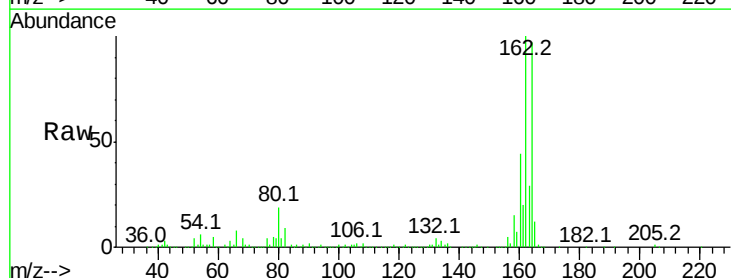
Tgt Ion:164 Resp: 355652

Ion Ratio Lower Upper

164 100

162 103.1 80.2 120.2

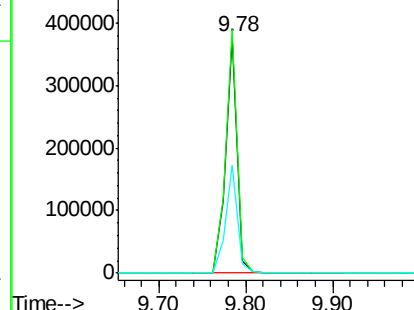
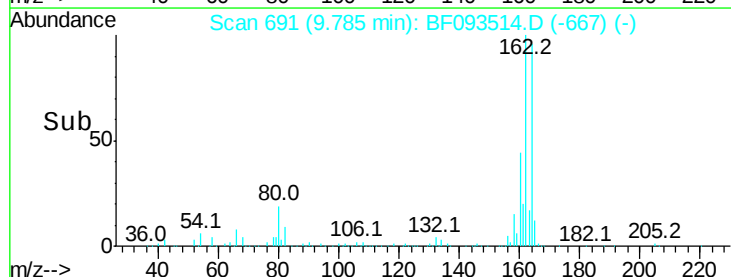
160 45.6 36.9 55.3

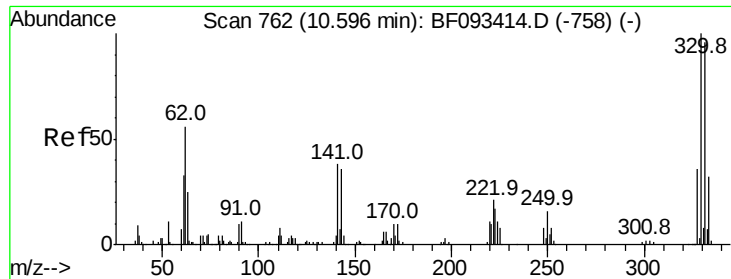


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

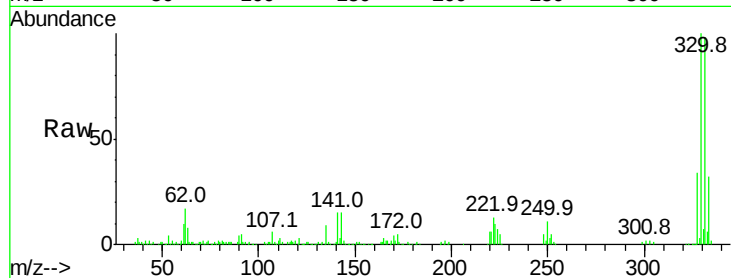




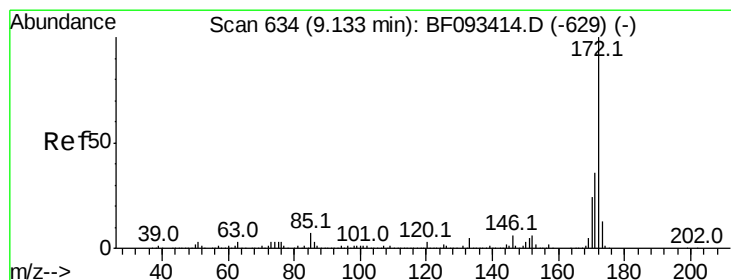
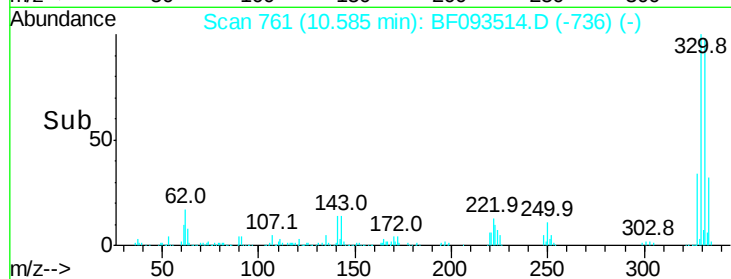
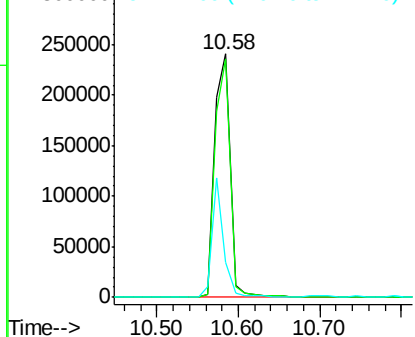
#41
 2,4,6-Tribromophenol
 Concen: 138.34 ng
 RT: 10.58 min Scan# 761
 Delta R.T. -0.01 min
 Lab File: BF093514.D
 Acq: 10 Mar 2017 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 320547
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 36.7 34.1 51.1

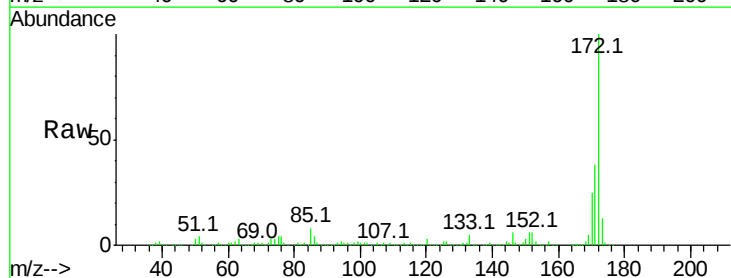


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

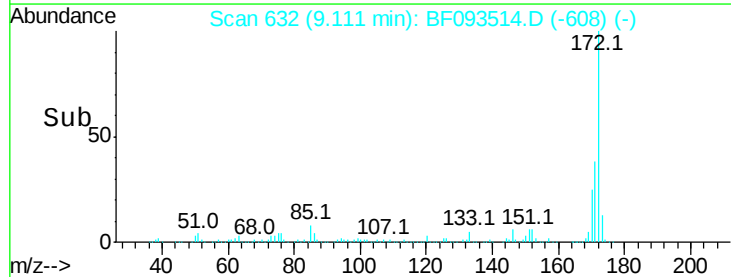
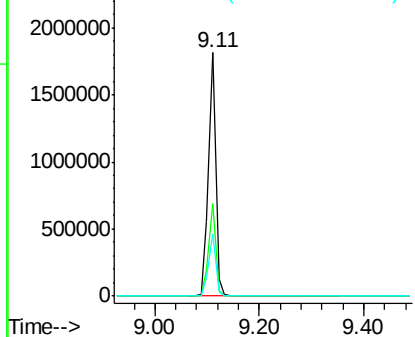


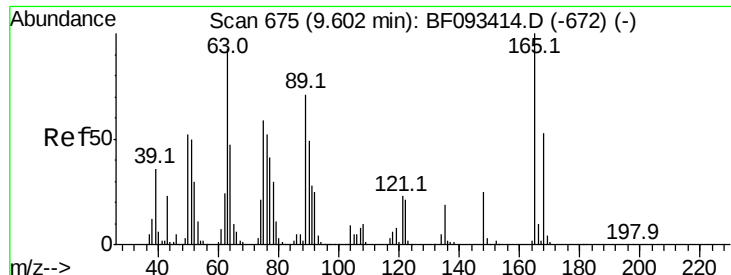
#44
 2-Fluorobiphenyl
 Concen: 91.45 ng
 RT: 9.11 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF093514.D
 Acq: 10 Mar 2017 10:01

Tgt Ion:172 Resp: 1748558
 Ion Ratio Lower Upper
 172 100
 171 37.8 29.4 44.0
 170 25.2 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

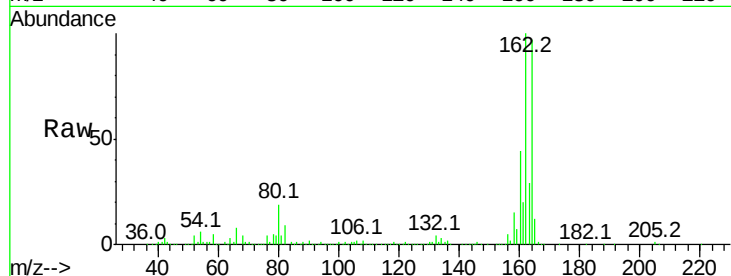




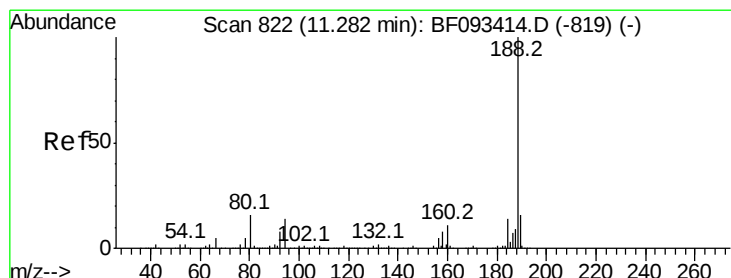
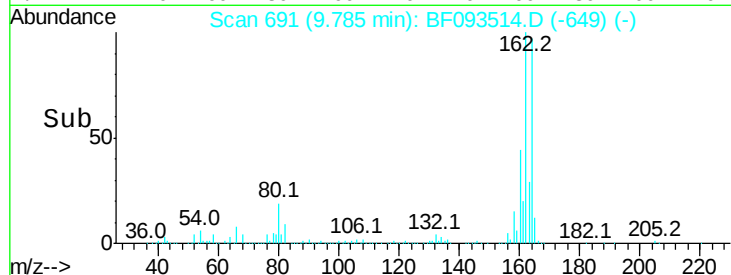
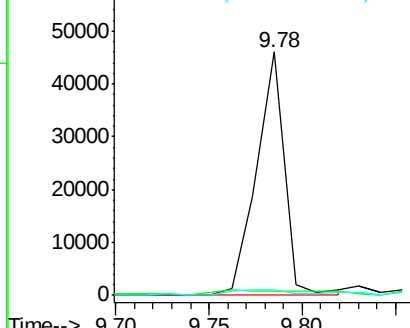
#50
 2,6-Dinitrotoluene
 Concen: 9.25 ng
 RT: 9.78 min Scan# 691
 Delta R.T. 0.18 min
 Lab File: BF093514.D
 Acq: 10 Mar 2017 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 47877
 Ion Ratio Lower Upper
 165 100
 63 1.9 36.2 54.4#
 89 2.1 40.2 60.4#

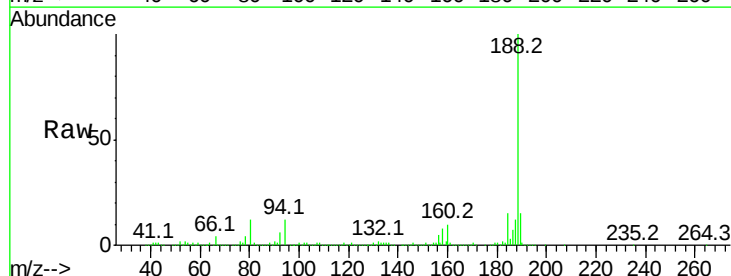


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

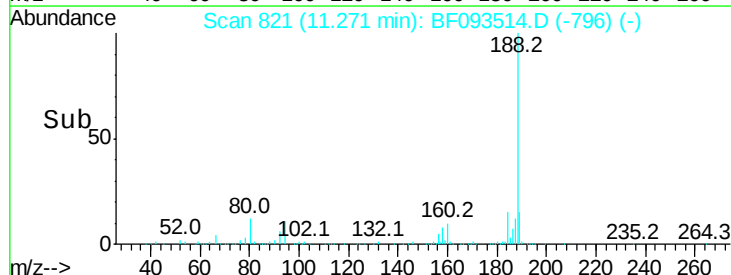
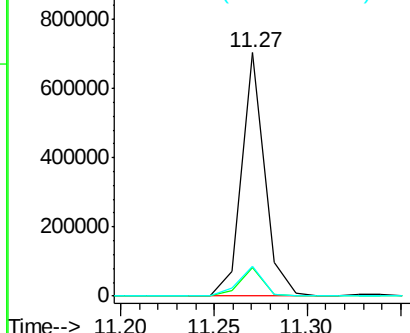


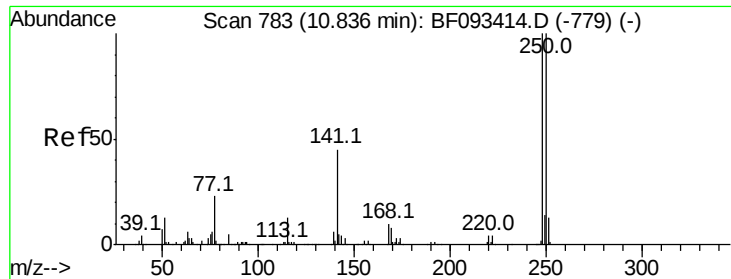
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.27 min Scan# 821
 Delta R.T. -0.01 min
 Lab File: BF093514.D
 Acq: 10 Mar 2017 10:01

Tgt Ion:188 Resp: 604143
 Ion Ratio Lower Upper
 188 100
 94 11.6 10.0 15.0
 80 12.1 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: 3.74 ng

RT: 10.57 min Scan# 760

Delta R.T. -0.26 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

Instrument :

BNA_F

ClientSampleId :

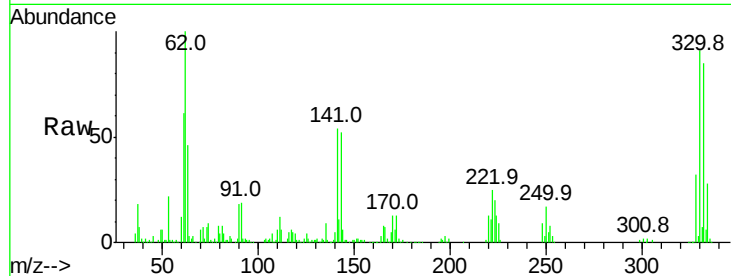
Tot Ion:248 Resp: 23902

Ion Ratio Lower Upper

248 100

250 185.7 76.9 115.3#

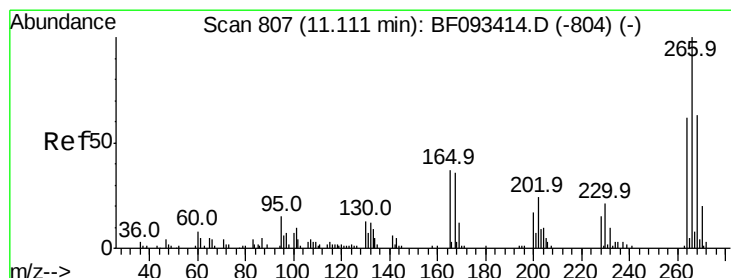
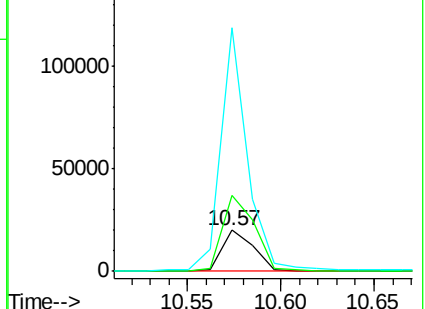
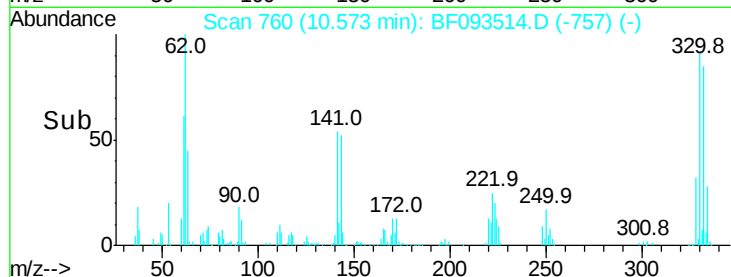
141 591.3 68.2 102.4#



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



#69

Pentachlorophenol

Concen: 2.09 ng

RT: 11.10 min Scan# 806

Delta R.T. -0.01 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

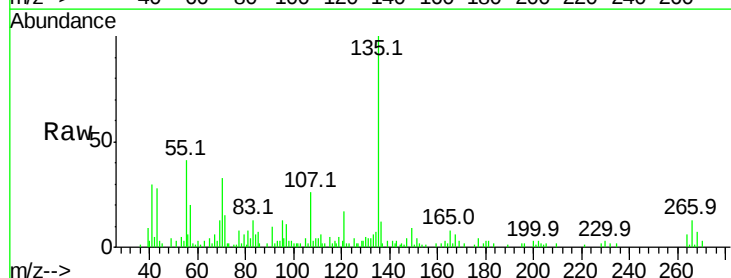
Tgt Ion:266 Resp: 4400

Ion Ratio Lower Upper

266 100

268 52.9 53.3 79.9#

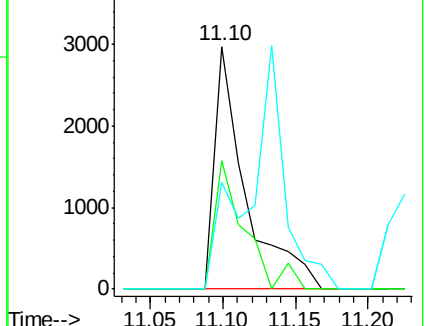
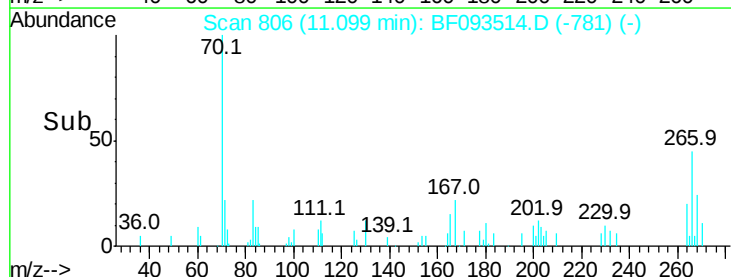
264 44.1 50.3 75.5#

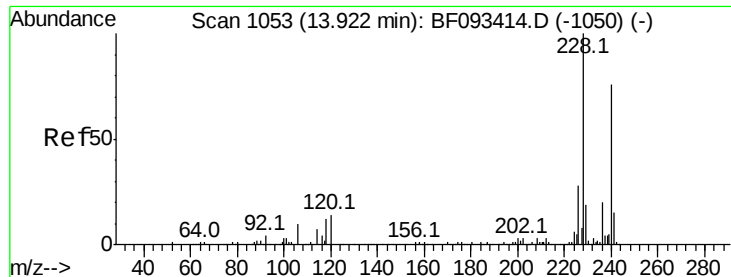


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.91 min Scan# 1052

Delta R.T. -0.01 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

Instrument :

BNA_F

ClientSampleId :

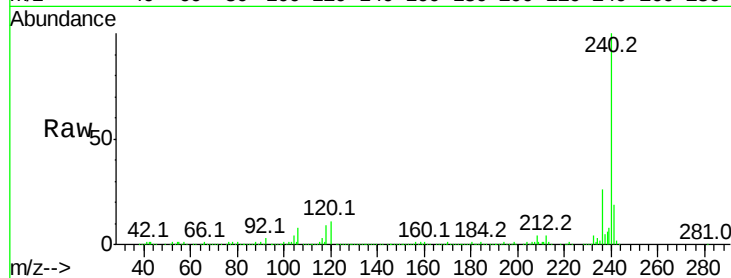
Tot Ion:240 Resp: 396085

Ion Ratio Lower Upper

240 100

120 10.8 12.9 19.3#

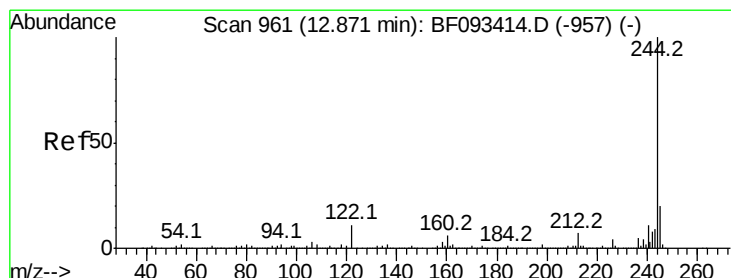
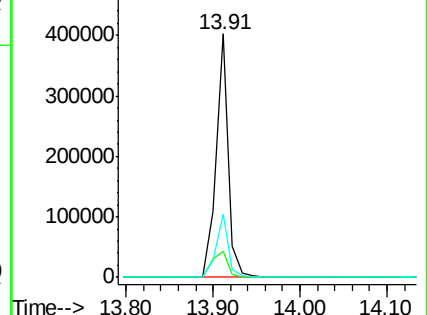
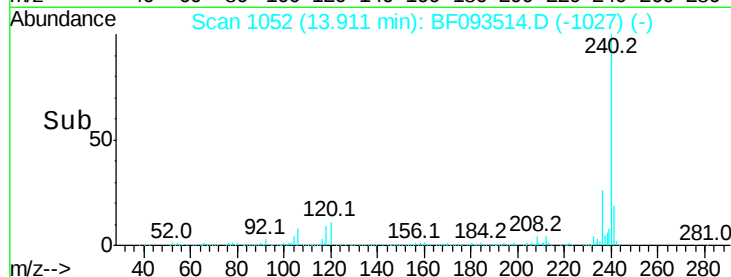
236 26.0 20.9 31.3



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: 83.46 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093514.D

Acq: 10 Mar 2017 10:01

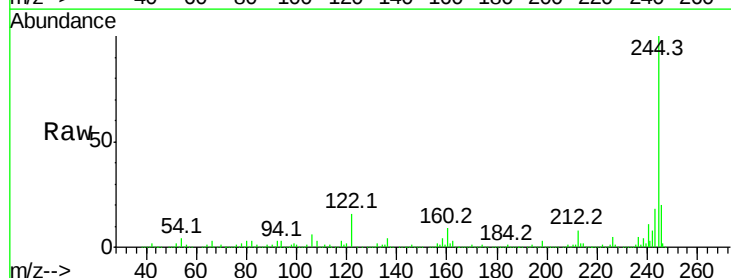
Tgt Ion:244 Resp: 1271445

Ion Ratio Lower Upper

244 100

212 8.2 6.2 9.2

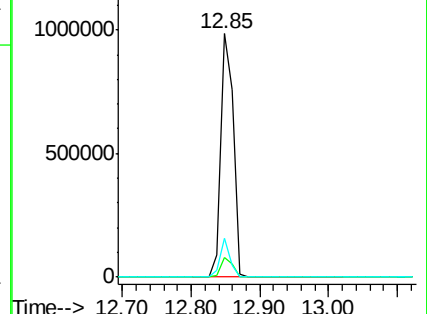
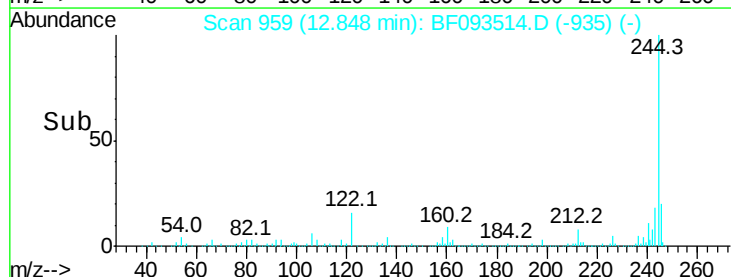
122 16.0 11.4 17.2

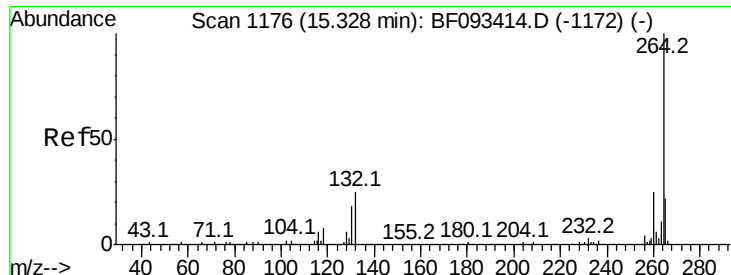


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

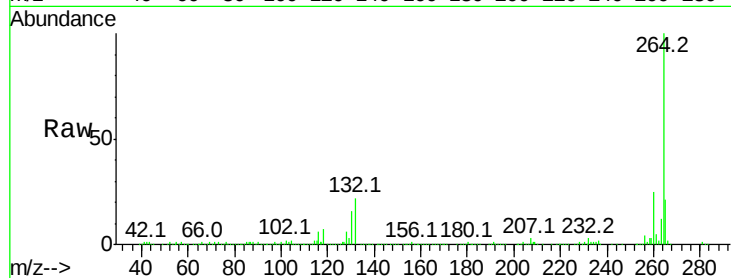




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.32 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BF093514.D
 Acq: 10 Mar 2017 10:01

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	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

