

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093303.D
 Acq On : 1 Mar 2017 21:40
 Operator : SJ/MA
 Sample : I2012-11
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-13

Quant Time: Mar 02 00:05:42 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

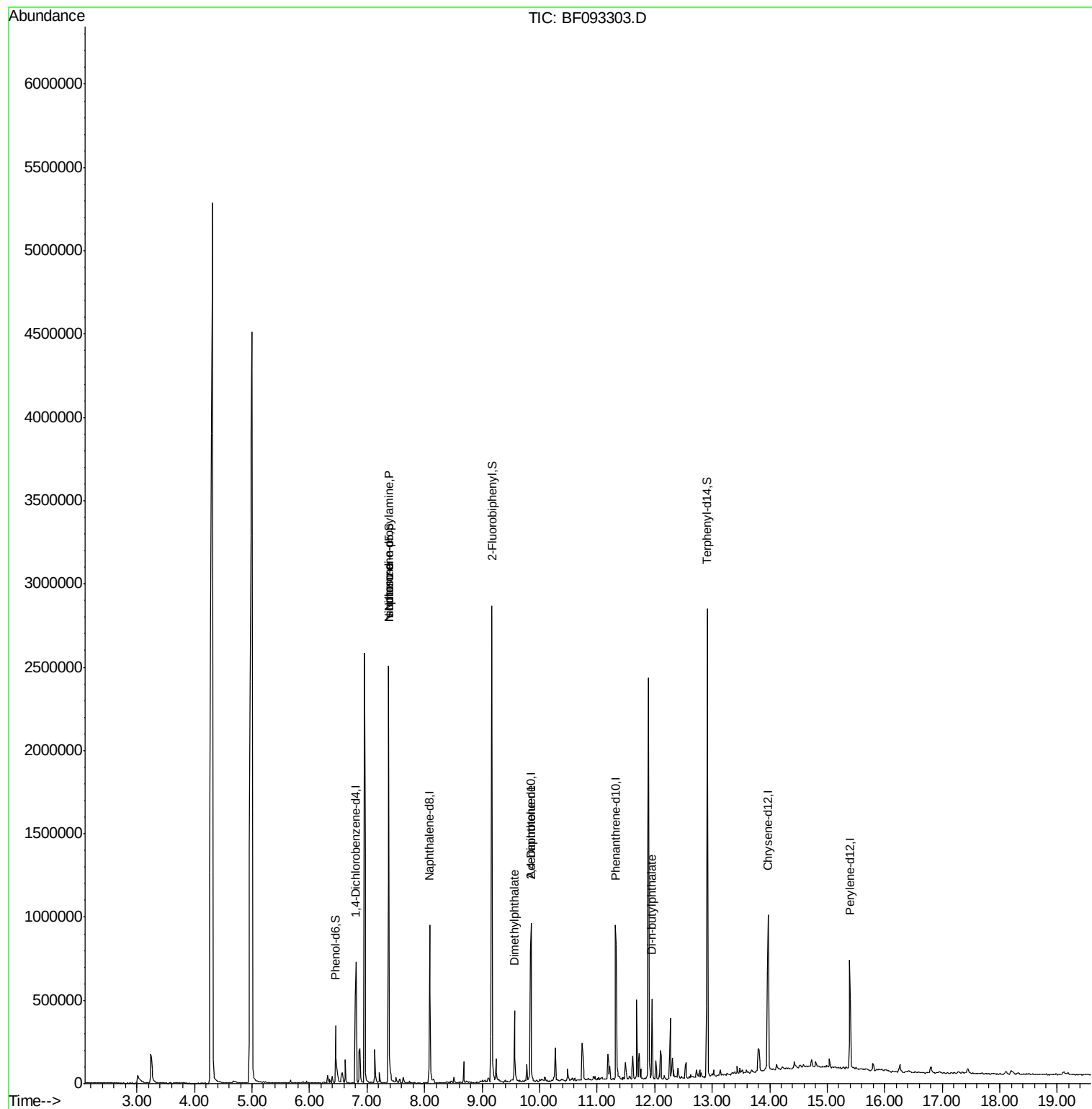
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	145276	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	553549	20.00	ng	-0.06
38) Acenaphthene-d10	9.85	164	270035	20.00	ng	-0.05
63) Phenanthrene-d10	11.32	188	492930	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	402630	20.00	ng	-0.05
86) Perylene-d12	15.39	264	286424	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2089	0.25	ng	0.00
7) Phenol-d6	6.45	99	146767	13.47	ng	-0.03
23) Nitrobenzene-d5	7.38	82	946731	95.24	ng	-0.05
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.17	172	1427471	95.77	ng	-0.05
78) Terphenyl-d14	12.91	244	1255318	73.26	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.38	70	129558	18.68	ng	# 77
25) Isophorone	7.38	82	930452	50.23	ng	# 65
49) Dimethylphthalate	9.56	163	183031	10.06	ng	99
56) 2,4-Dinitrotoluene	9.85	165	34345	6.57	ng	# 20
73) Di-n-butylphthalate	11.95	149	308192	10.51	ng	97

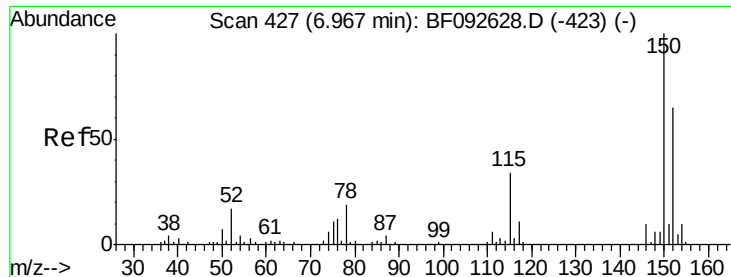
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.81 min Scan# 413

Delta R.T. -0.05 min

Lab File: BF093303.D

Acq: 1 Mar 2017 21:40

Instrument :

BNA_F

ClientSampleId :

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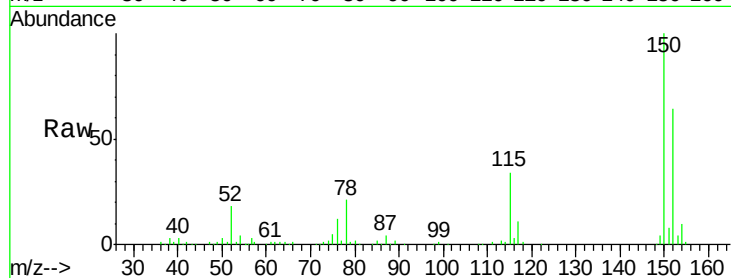
Tgt Ion:152 Resp: 145276

Ion Ratio Lower Upper

152 100

150 157.2 124.9 187.3

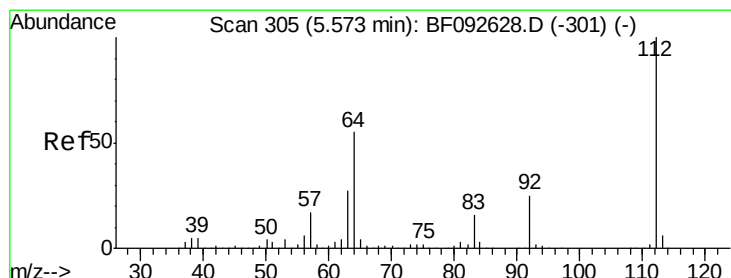
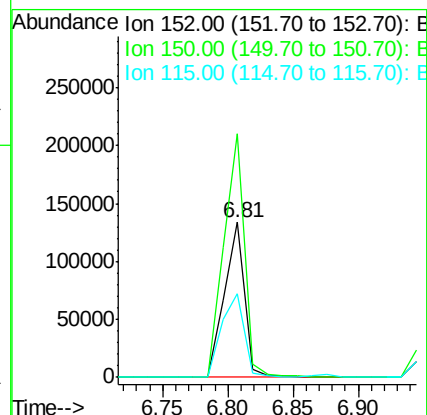
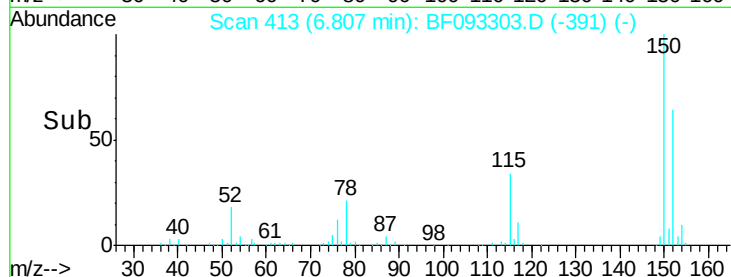
115 54.2 46.0 69.0



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: 0.25 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF093303.D

Acq: 1 Mar 2017 21:40

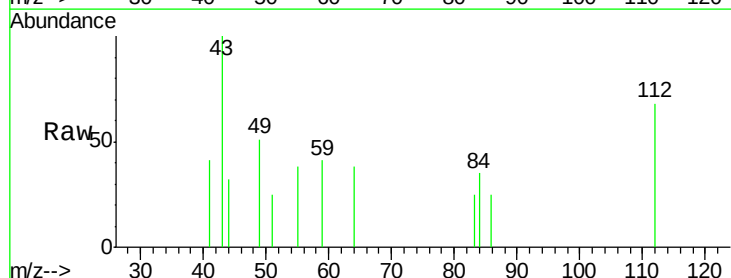
Tgt Ion:112 Resp: 2089

Ion Ratio Lower Upper

112 100

64 56.0 46.1 69.1

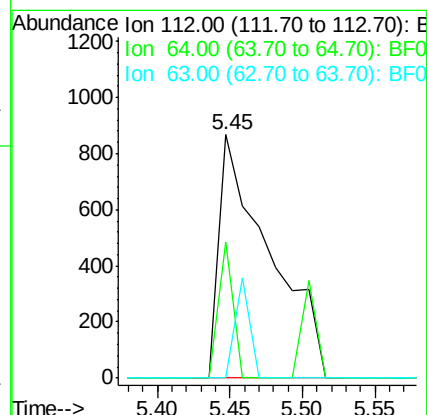
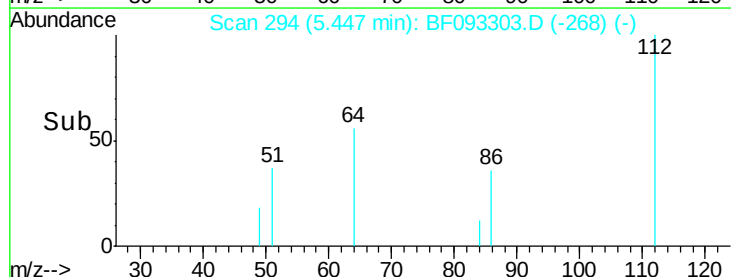
63 0.0 23.8 35.6#

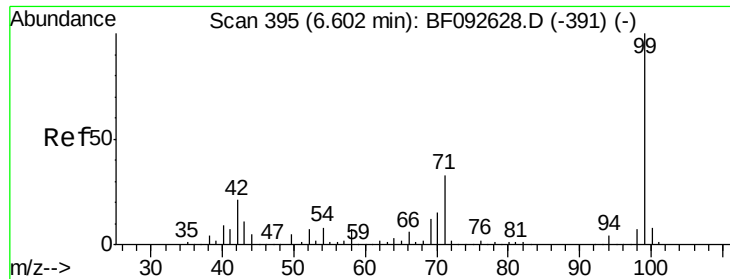


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 13.47 ng

RT: 6.45 min Scan# 382

Delta R.T. -0.03 min

Lab File: BF093303.D

Acq: 1 Mar 2017 21:40

Instrument :

BNA_F

ClientSampleId :

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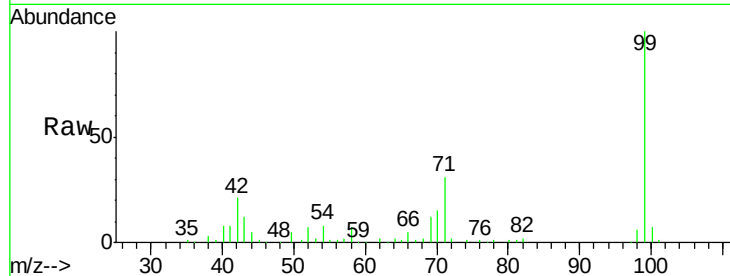
Tgt Ion: 99 Resp: 146767

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

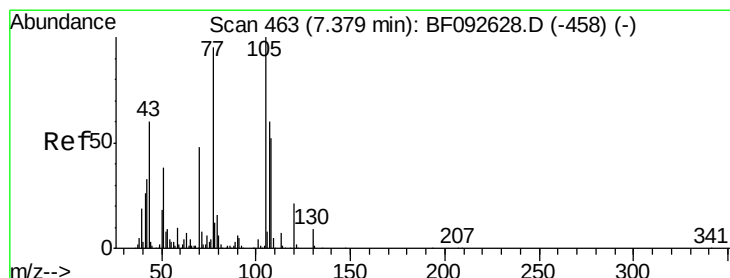
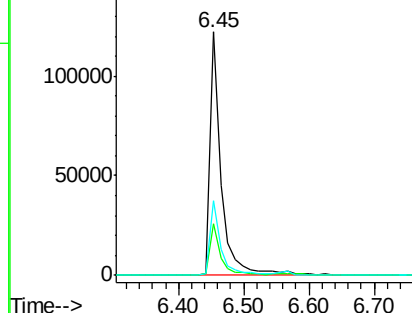
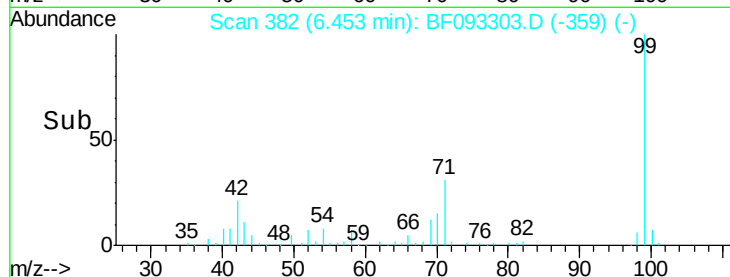
71 30.5 27.5 41.3



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: 18.68 ng

RT: 7.38 min Scan# 463

Delta R.T. 0.10 min

Lab File: BF093303.D

Acq: 1 Mar 2017 21:40

Tgt Ion: 70 Resp: 129558

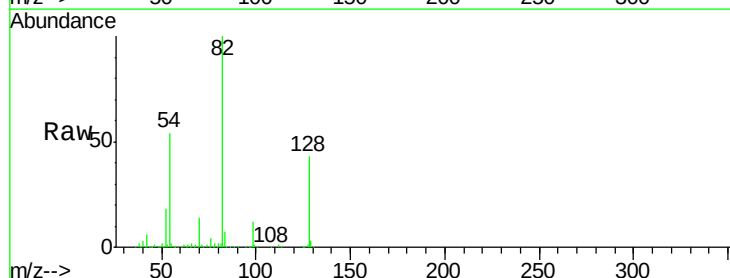
Ion Ratio Lower Upper

70 100

42 47.7 49.4 74.0#

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

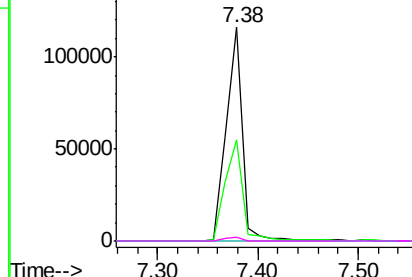
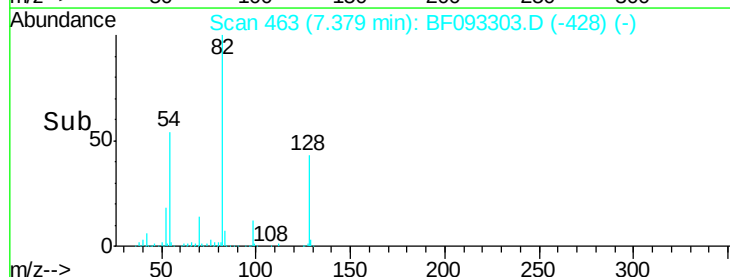


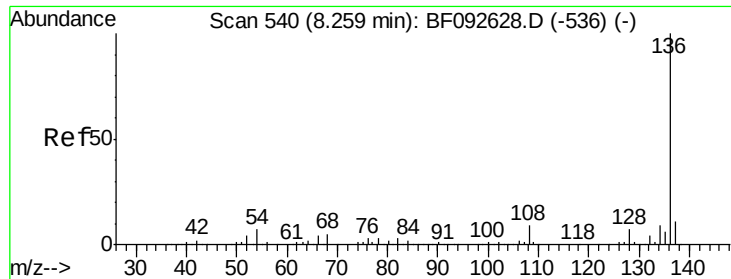
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

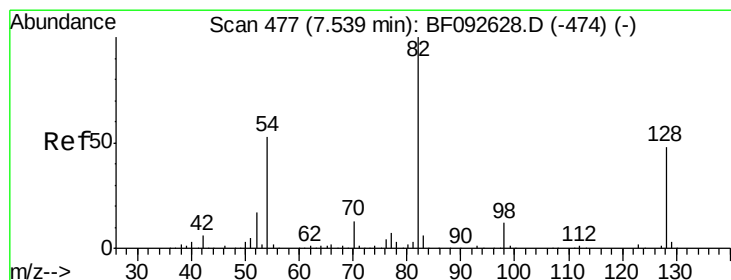
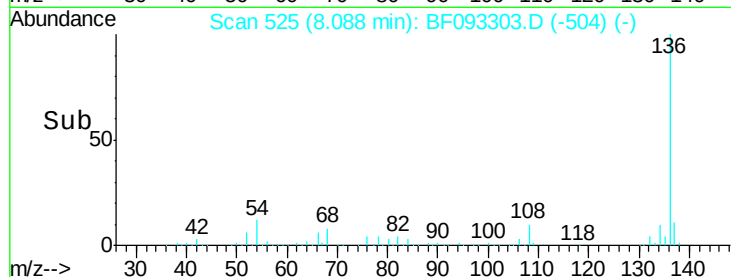
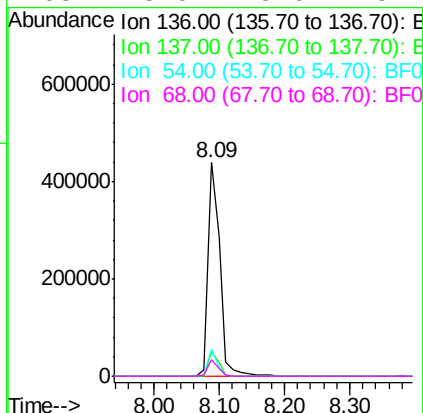
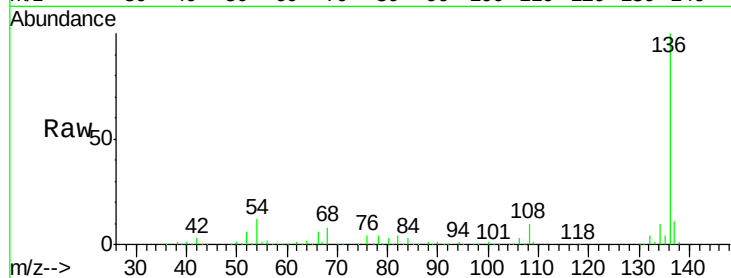




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093303.D
Acq: 1 Mar 2017 21:40

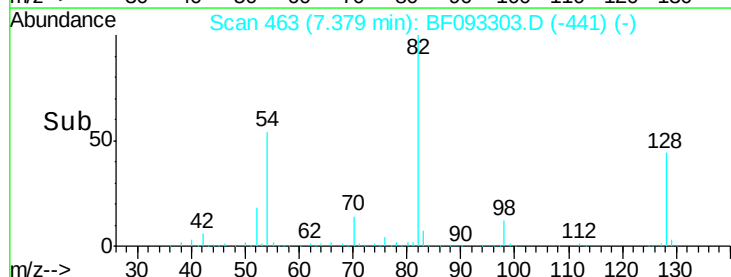
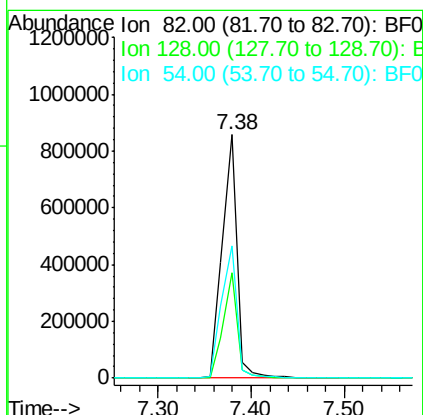
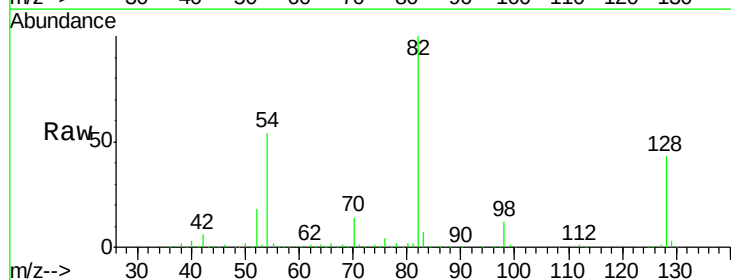
Instrument :
BNA_F
ClientSampleId :
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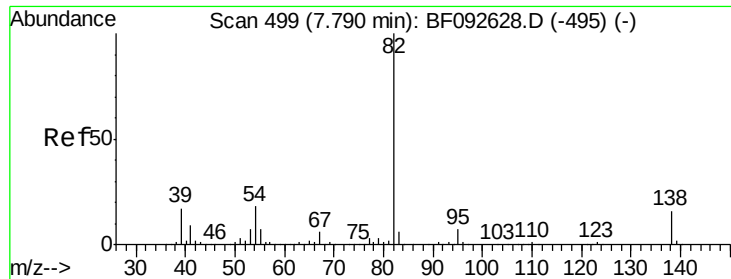
Tgt Ion:	136	Resp:	553549
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	12.4	4.5	6.7#
68	8.0	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 95.24 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.05 min
Lab File: BF093303.D
Acq: 1 Mar 2017 21:40

Tgt Ion:	82	Resp:	946731
Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.6	52.0
54	54.4	39.5	59.3

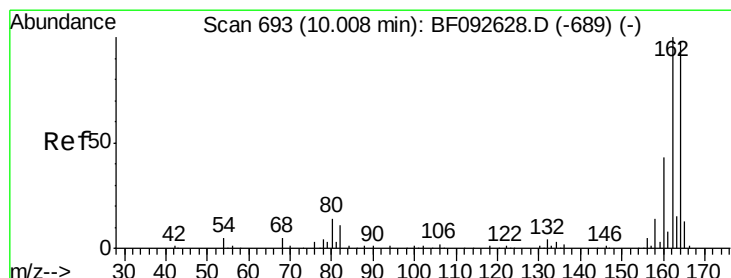
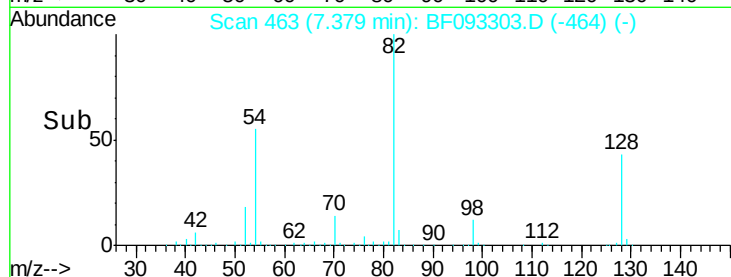
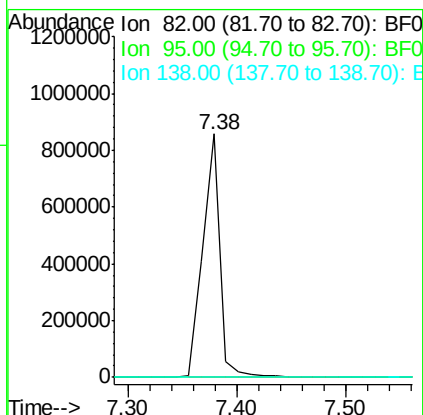
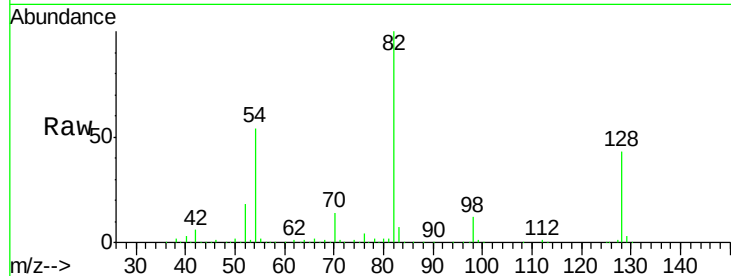




#25
Isophorone
Concen: 50.23 ng
RT: 7.38 min Scan# 463
Delta R.T. -0.31 min
Lab File: BF093303.D
Acq: 1 Mar 2017 21:40

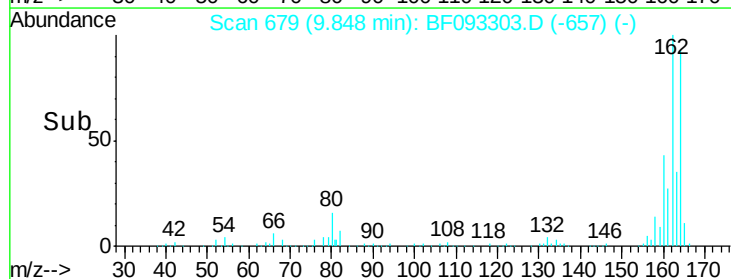
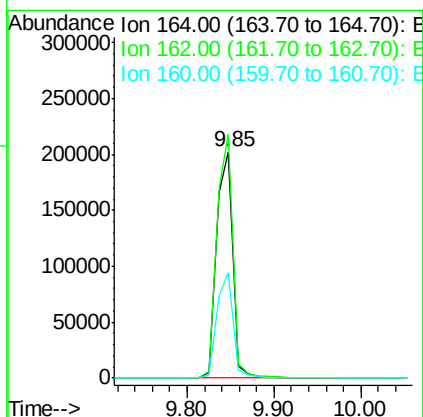
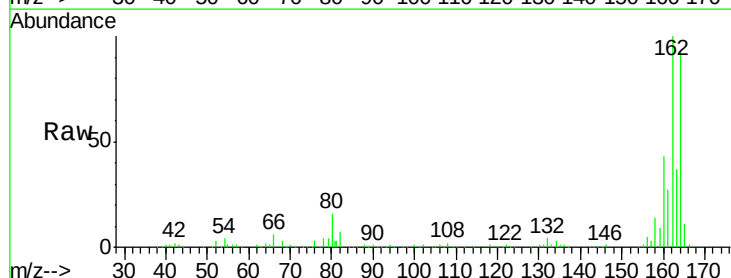
Instrument :
BNA_F
ClientSampled :
P-13

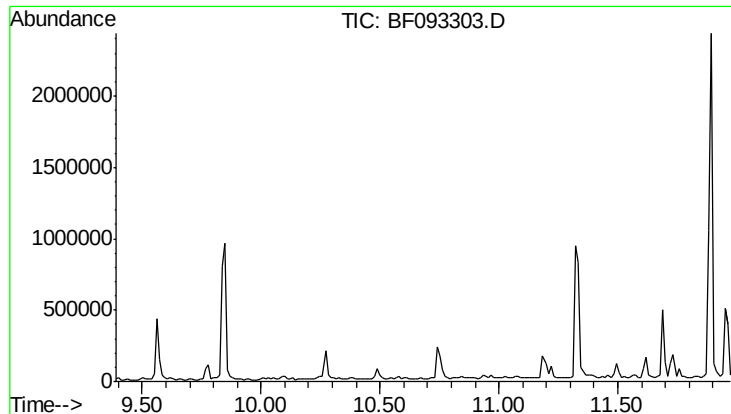
Tgt Ion: 82 Resp: 930452
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.85 min Scan# 679
Delta R.T. -0.05 min
Lab File: BF093303.D
Acq: 1 Mar 2017 21:40

Tgt Ion: 164 Resp: 270035
Ion Ratio Lower Upper
164 100
162 107.8 80.2 120.2
160 46.6 36.9 55.3

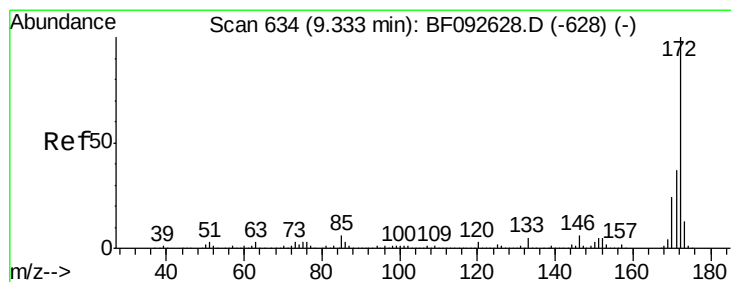
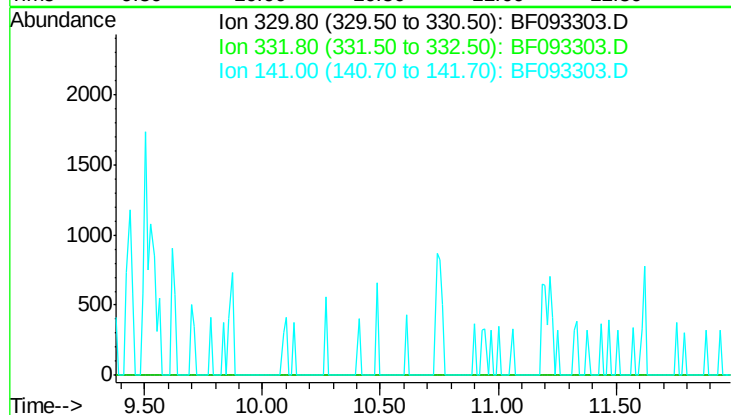




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.68 min
 Lab File: BF093303.D
 Acq: 1 Mar 2017 21:40

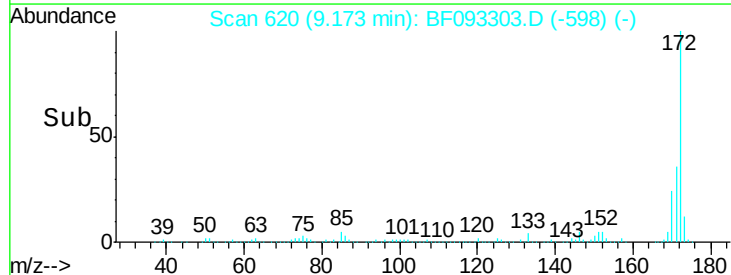
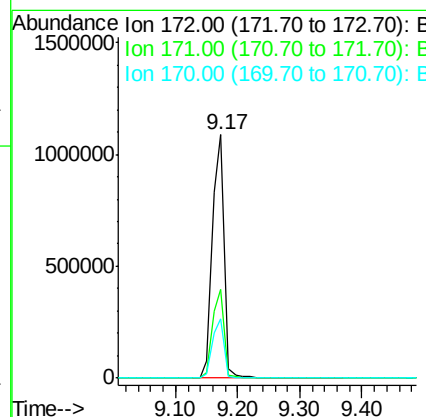
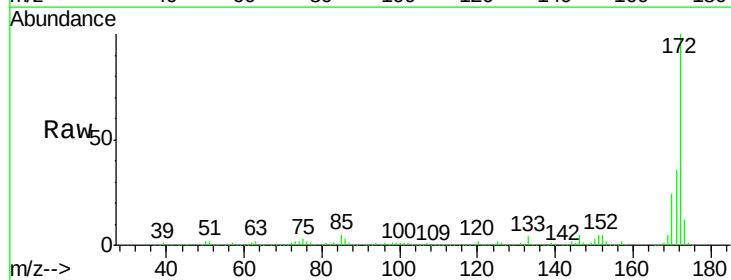
Instrument :
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 ClientSampleId :
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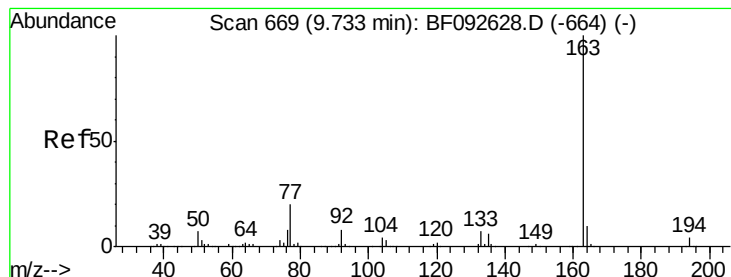
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 42.6



#44
 2-Fluorobiphenyl
 Concen: 95.77 ng
 RT: 9.17 min Scan# 620
 Delta R.T. -0.05 min
 Lab File: BF093303.D
 Acq: 1 Mar 2017 21:40

Tgt Ion: 172 Resp: 1427471
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.5 20.2 30.4





#49

Dimethylphthalate

Concen: 10.06 ng

RT: 9.56 min Scan# 654

Delta R.T. -0.06 min

Lab File: BF093303.D

Acq: 1 Mar 2017 21:40

Instrument :

BNA_F

ClientSampleId :

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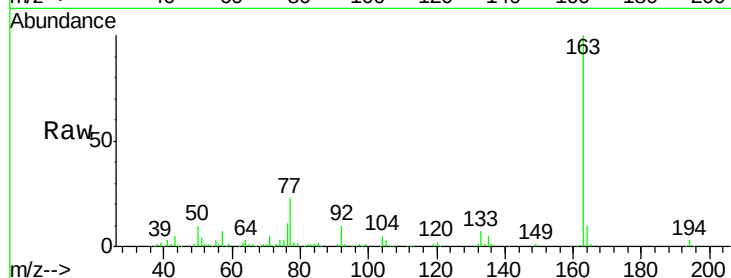
Tgt Ion:163 Resp: 183031

Ion Ratio Lower Upper

163 100

194 3.0 3.0 4.4

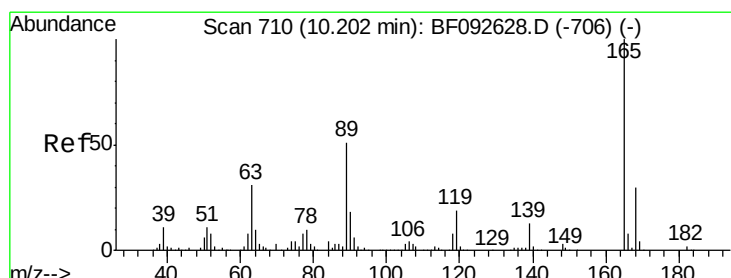
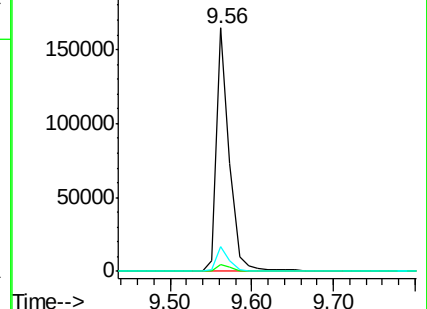
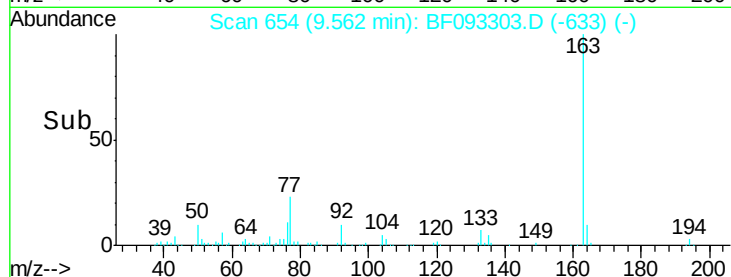
164 10.3 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.57 ng

RT: 9.85 min Scan# 679

Delta R.T. -0.24 min

Lab File: BF093303.D

Acq: 1 Mar 2017 21:40

Tgt Ion:165 Resp: 34345

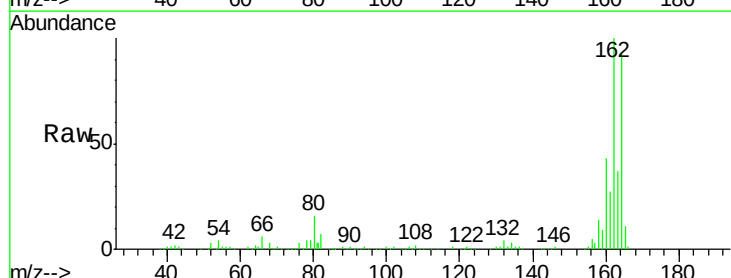
Ion Ratio Lower Upper

165 100

63 1.6 40.2 60.4#

89 1.6 62.5 93.7#

182 0.0 1.8 2.8#

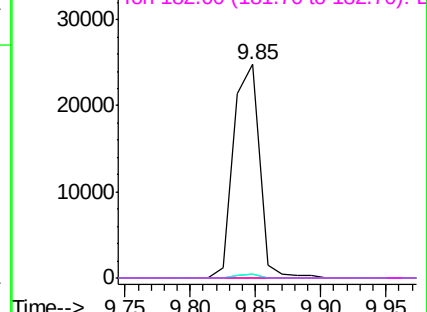
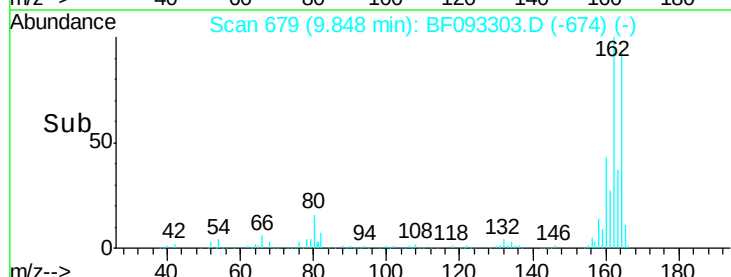


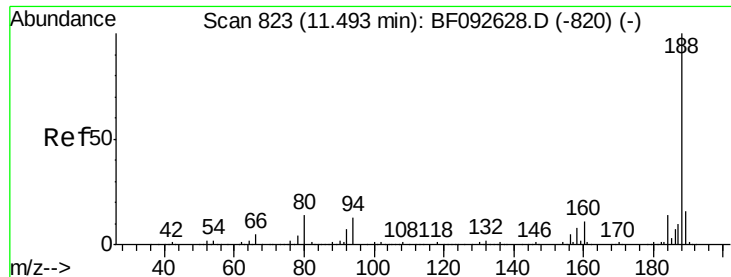
Abundance Ion 165.00 (164.70 to 165.70): E

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

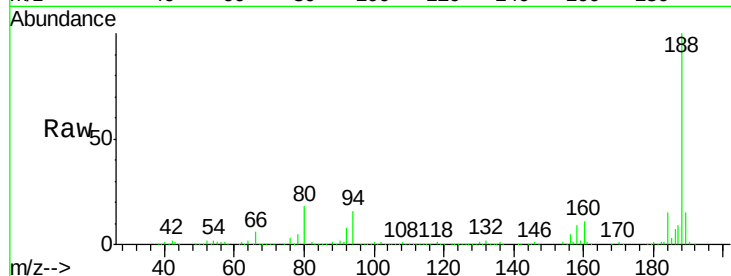




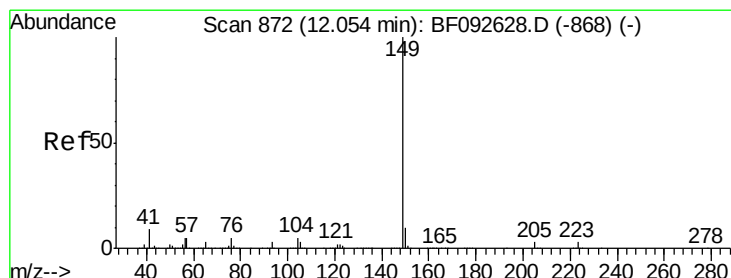
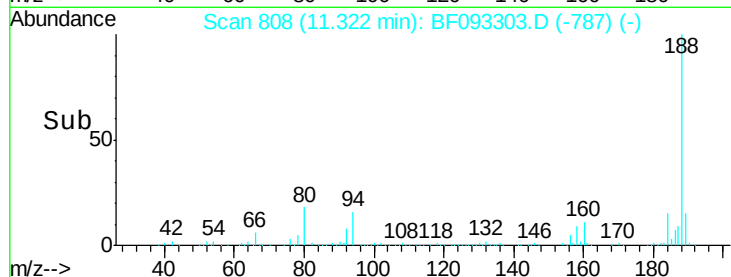
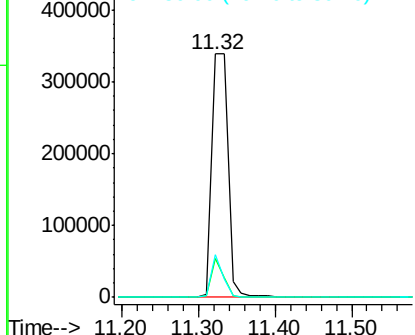
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF093303.D
Acq: 1 Mar 2017 21:40

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Tgt Ion:188 Resp: 492930
Ion Ratio Lower Upper
188 100
94 16.1 10.0 15.0#
80 17.7 11.2 16.8#

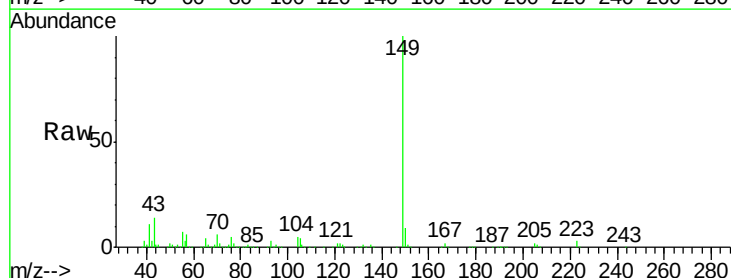


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

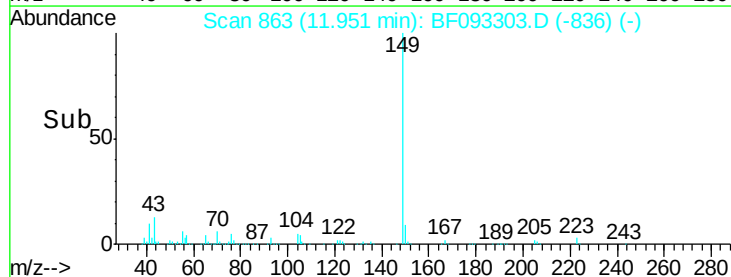
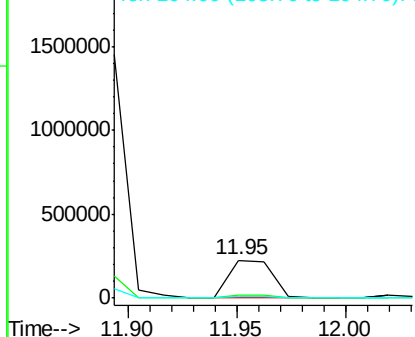


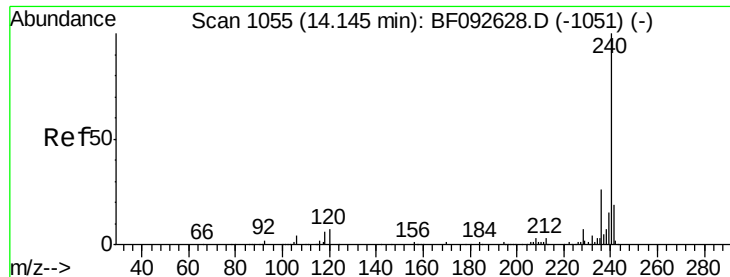
#73
Di-n-butylphthalate
Concen: 10.51 ng
RT: 11.95 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF093303.D
Acq: 1 Mar 2017 21:40

Tgt Ion:149 Resp: 308192
Ion Ratio Lower Upper
149 100
150 9.2 8.1 12.1
104 4.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093303.D

Acq: 1 Mar 2017 21:40

Instrument :

BNA_F

ClientSampled :

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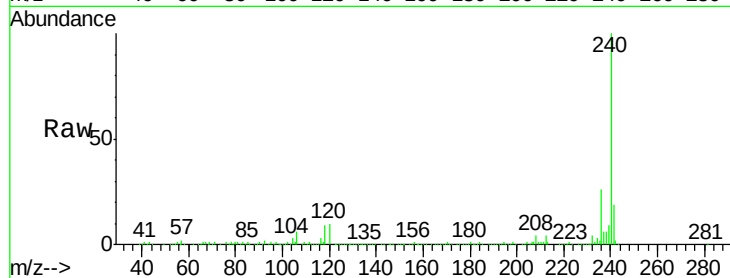
Tgt Ion:240 Resp: 402630

Ion Ratio Lower Upper

240 100

120 9.7 12.9 19.3#

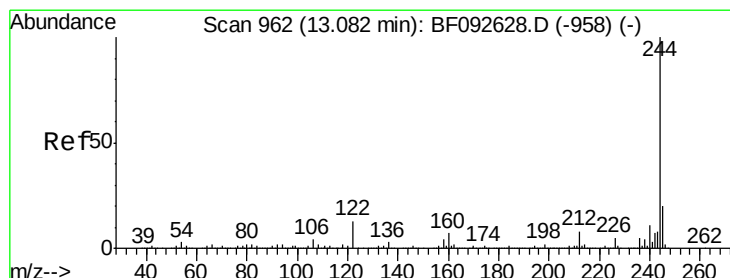
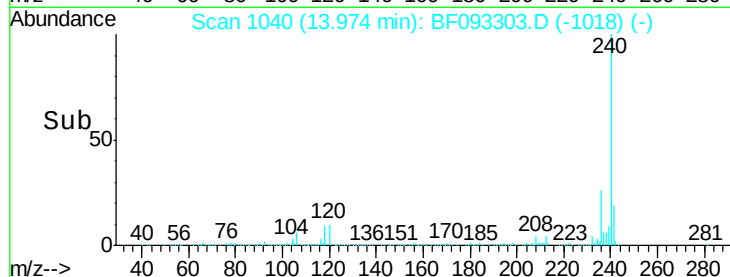
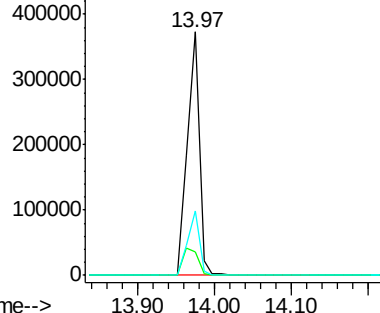
236 26.3 20.9 31.3



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: 73.26 ng

RT: 12.91 min Scan# 947

Delta R.T. -0.06 min

Lab File: BF093303.D

Acq: 1 Mar 2017 21:40

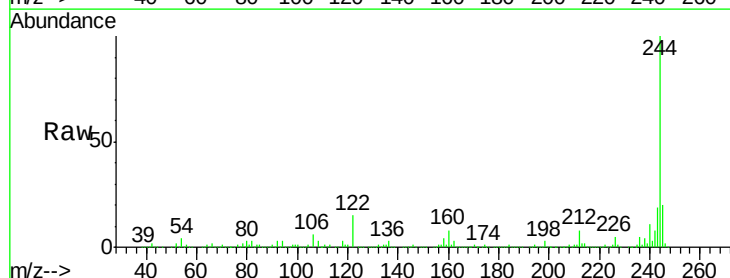
Tgt Ion:244 Resp: 1255318

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

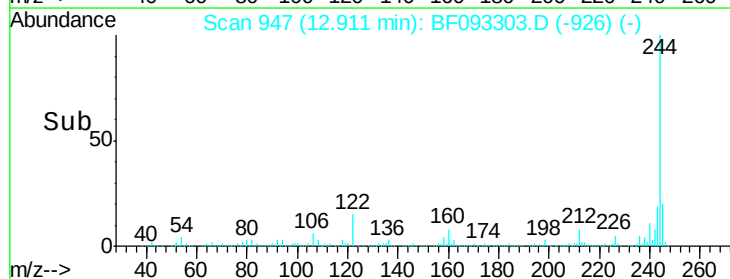
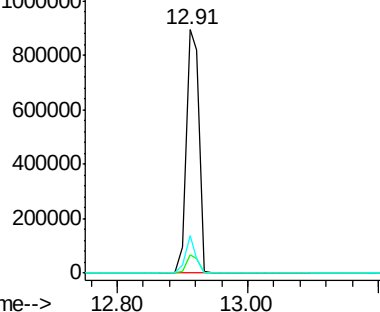
122 15.4 11.4 17.2

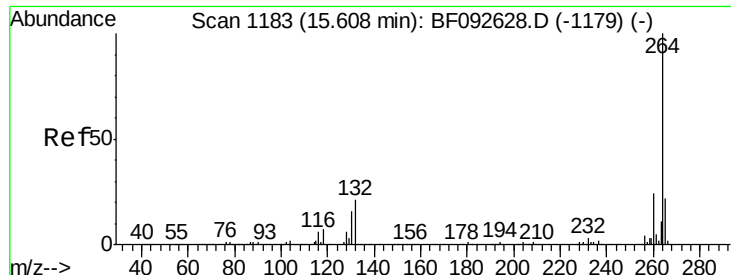


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

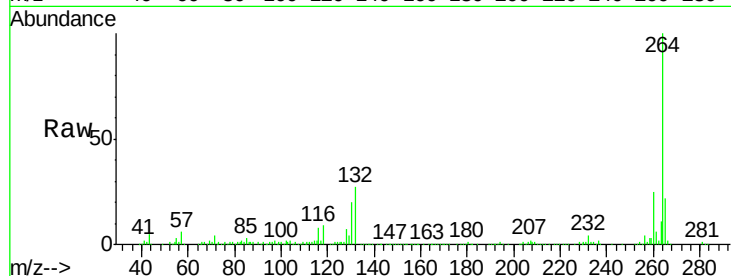




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.39 min Scan# 1164
Delta R.T. -0.06 min
Lab File: BF093303.D
Acq: 1 Mar 2017 21:40

Instrument :
BNA_F
ClientSampleId :
P-13

Tgt Ion: 264 Resp: 286424
Ion Ratio Lower Upper
264 100
260 24.8 19.2 28.8
265 21.6 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

