

Data File : BF093089.D
Acq On : 22 Feb 2017 21:38
Operator : SJ/MA
Sample : I1931-05
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-4

Quant Time: Feb 22 23:58:51 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	6.83	152	149782	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	636376	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	306811	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	577609	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	488238	20.00	ng	-0.03
86) Perylene-d12	15.41	264	363481	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	14375	1.65	ng	0.00
7) Phenol-d6	6.48	99	359572	32.01	ng	-0.01
23) Nitrobenzene-d5	7.40	82	827457	72.41	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.20	172	1441236	85.10	ng	-0.02
78) Terphenyl-d14	12.94	244	1476222	71.04	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	109515	15.32	ng	# 81
25) Isophorone	7.40	82	685284	32.18	ng	# 65
49) Dimethylphthalate	9.60	163	274110	13.26	ng	98
56) 2,4-Dinitrotoluene	9.87	165	40023	6.74	ng	# 20

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

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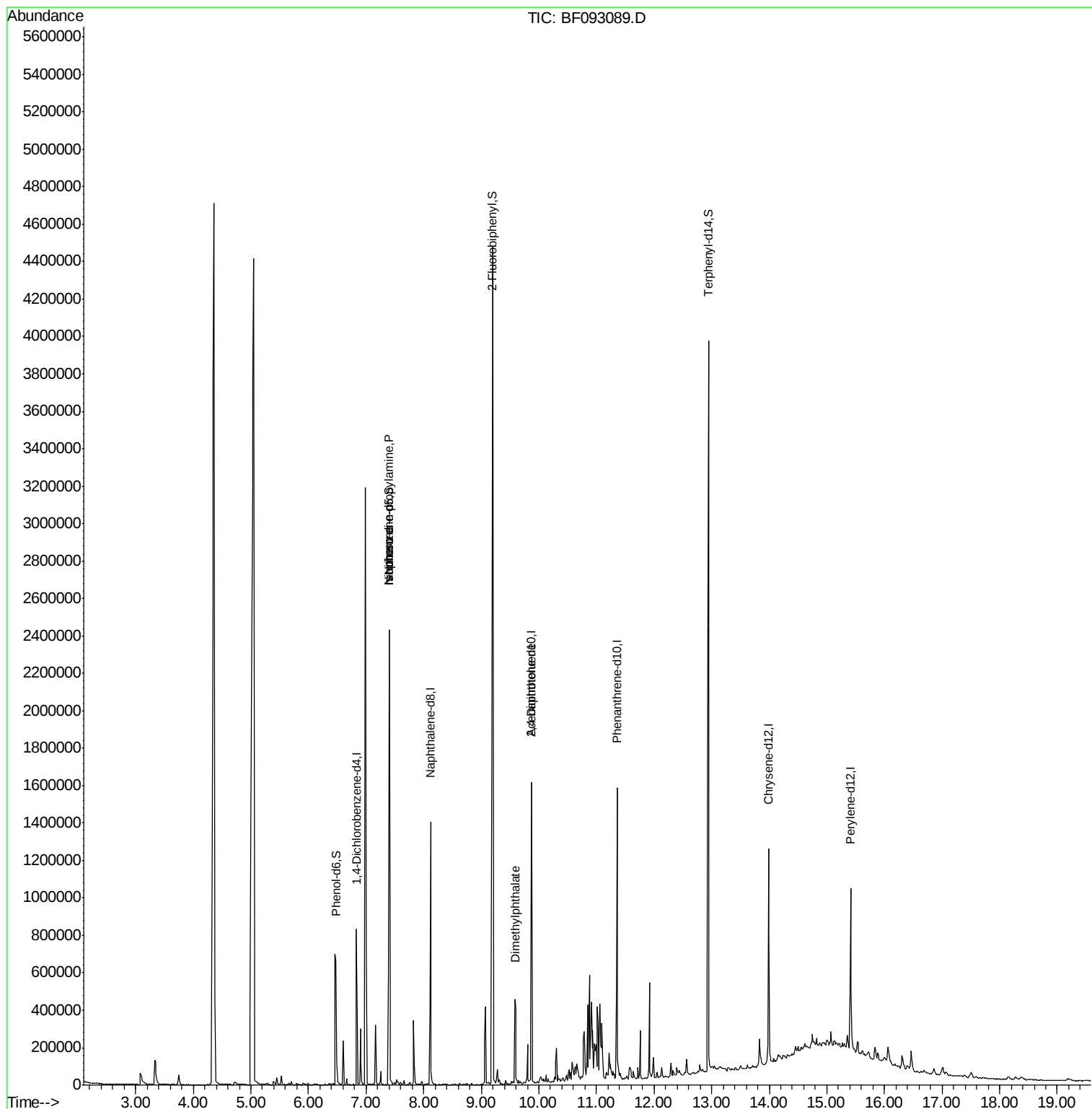
Quant Time: Feb 22 23:58:51 2017

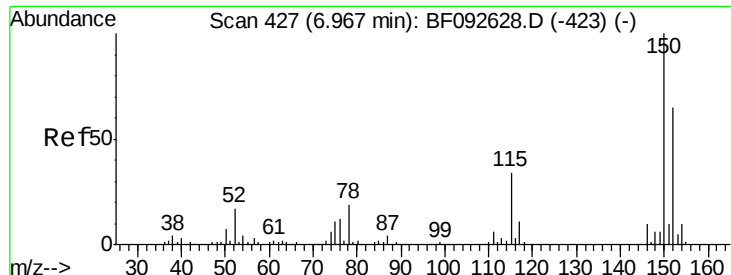
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 17:31:55 2017

Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.83 min Scan# 415

Delta R.T. -0.02 min

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Instrument :

BNA_F

ClientSampled :

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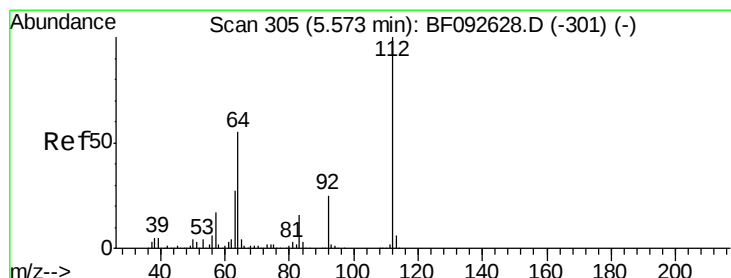
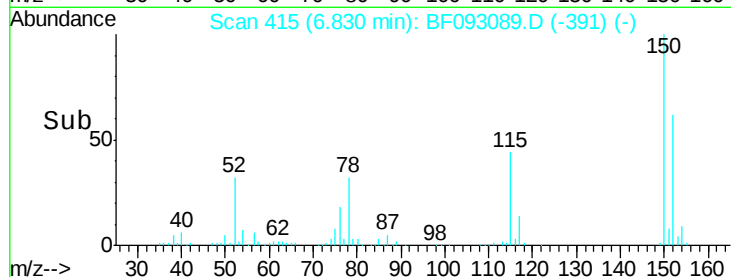
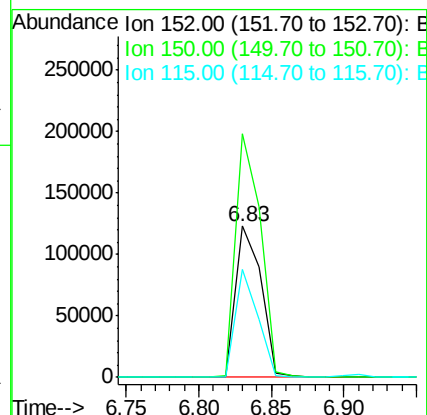
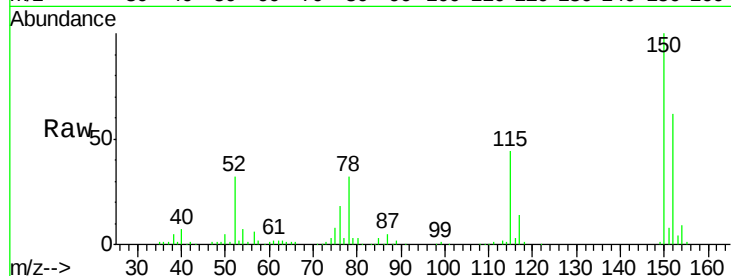
Tgt Ion:152 Resp: 149782

Ion Ratio Lower Upper

152 100

150 161.1 124.9 187.3

115 71.1 46.0 69.0#



#5

2-Fluorophenol

Concen: 1.65 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

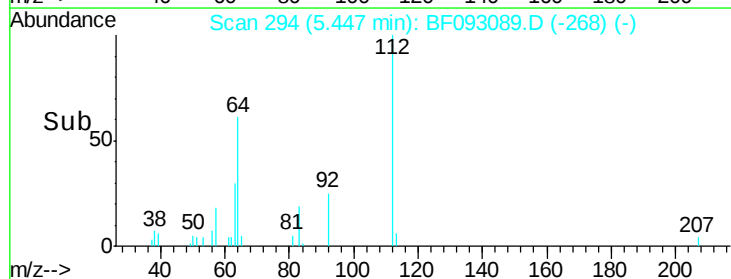
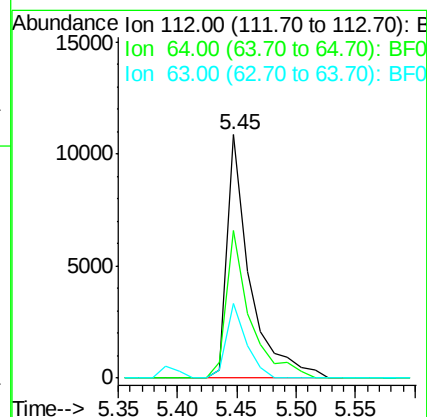
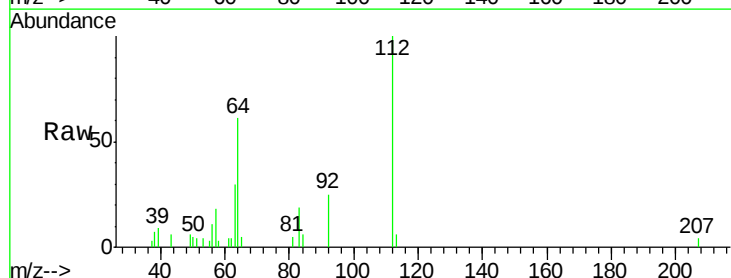
Tgt Ion:112 Resp: 14375

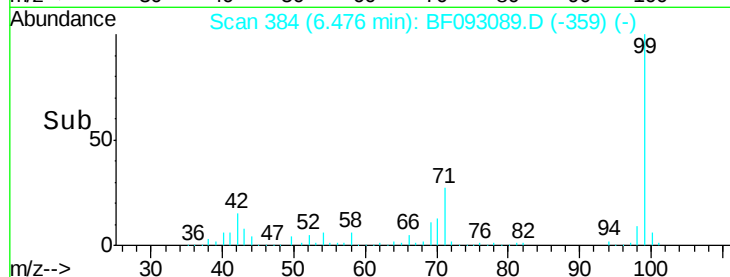
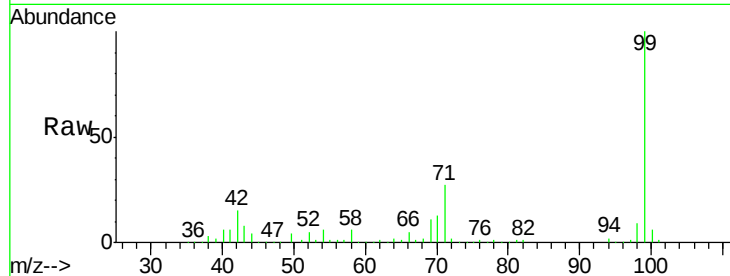
Ion Ratio Lower Upper

112 100

64 60.6 46.1 69.1

63 30.5 23.8 35.6





#7

Phenol-d6

Concen: 32.01 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

Instrument :

BNA_F

ClientSampleId :

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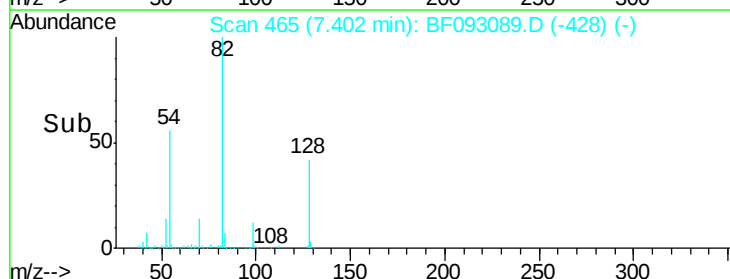
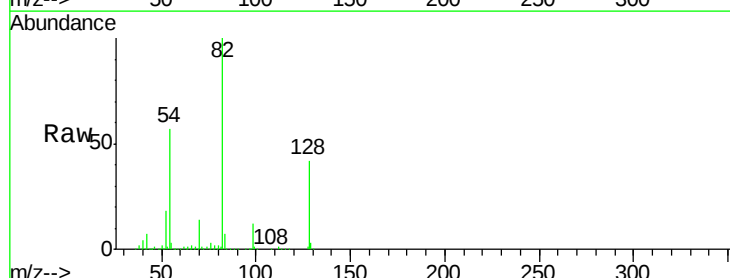
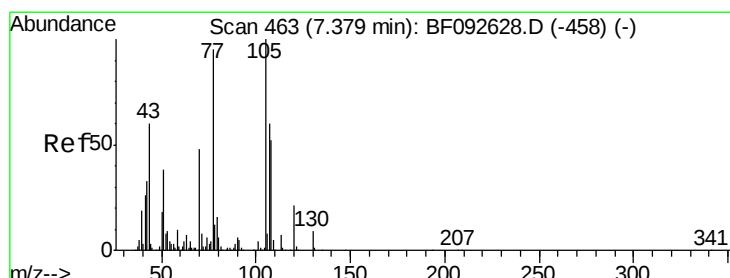
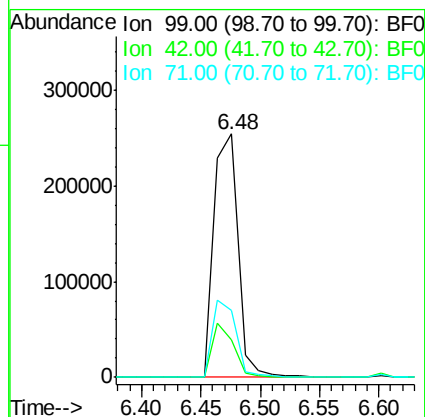
Tgt Ion: 99 Resp: 359572

Ion Ratio Lower Upper

99 100

42 15.5 15.6 23.4#

71 27.3 27.5 41.3#



#19

n-Nitroso-di-n-propylamine

Concen: 15.32 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

Tgt Ion: 70 Resp: 109515

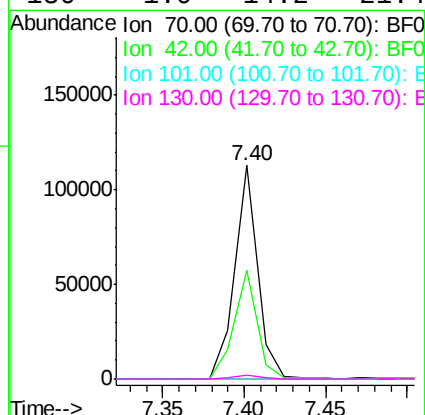
Ion Ratio Lower Upper

70 100

42 51.2 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

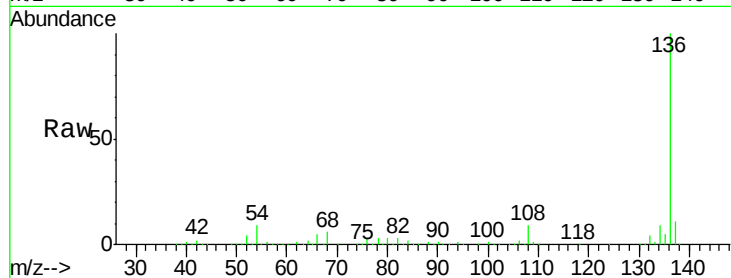




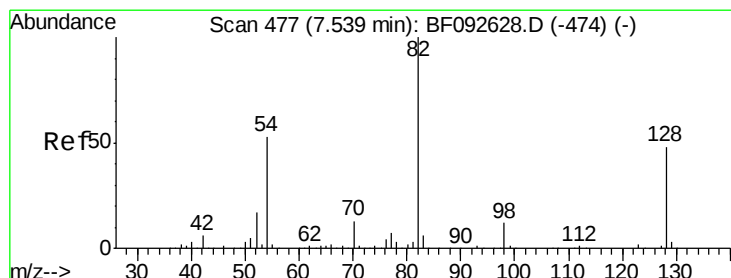
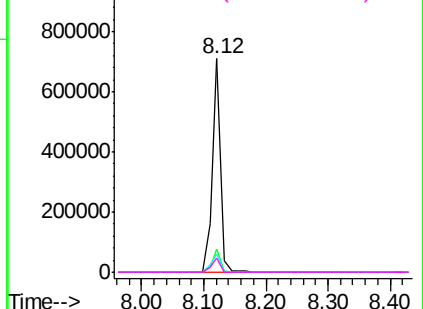
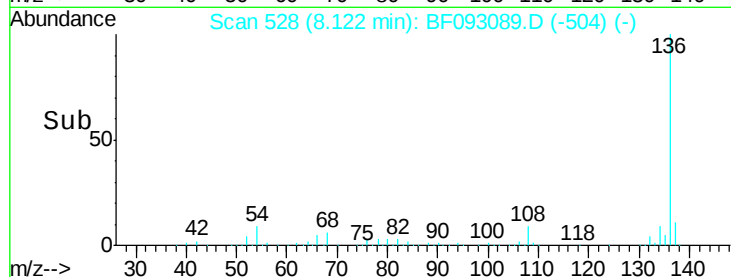
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093089.D
Acq: 22 Feb 2017 21:38

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	636376
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	8.5	4.5	6.7#
68	6.4	3.6	5.4#

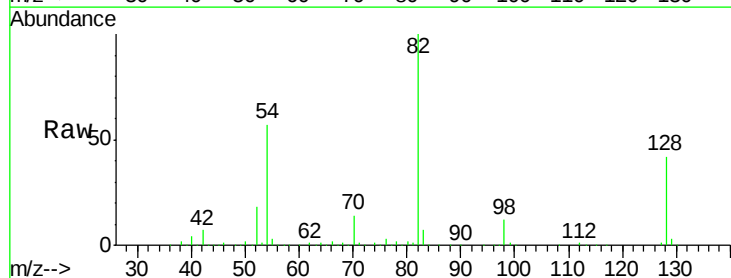


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

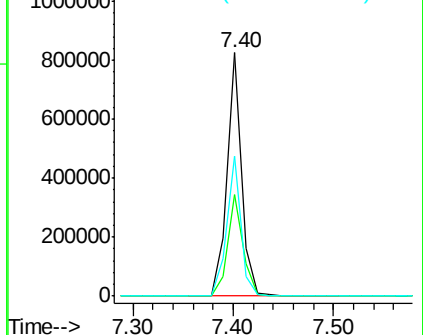
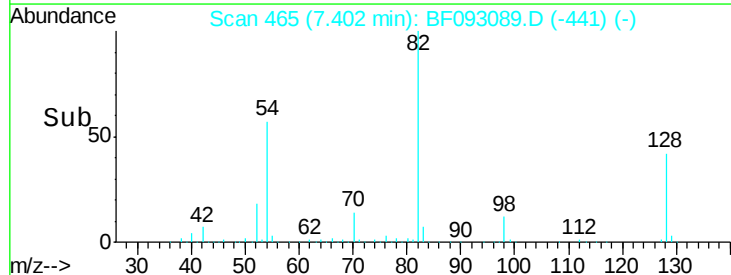


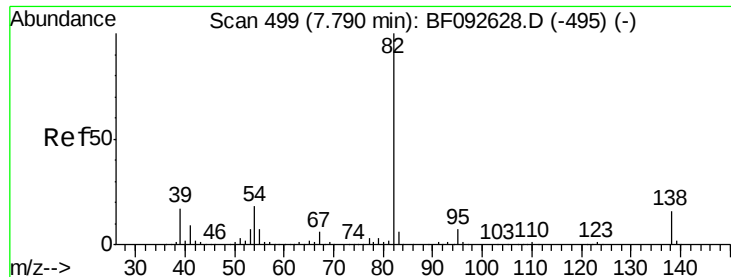
#23
Nitrobenzene-d5
Concen: 72.41 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093089.D
Acq: 22 Feb 2017 21:38

Tgt Ion:	82	Resp:	827457
Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.6	52.0
54	57.4	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: 32.18 ng

RT: 7.40 min Scan# 465

Delta R.T. -0.29 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

Instrument :

BNA_F

ClientSampleId :

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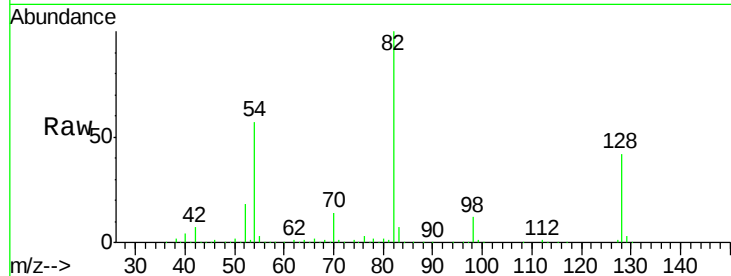
Tgt Ion: 82 Resp: 685284

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

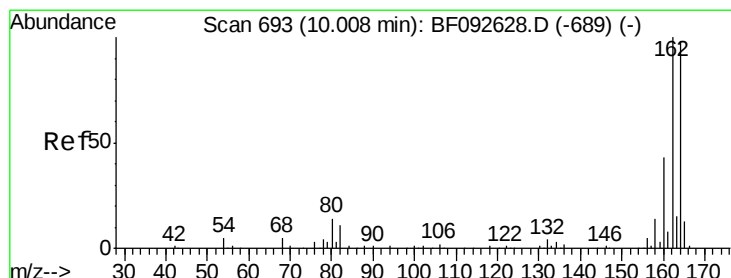
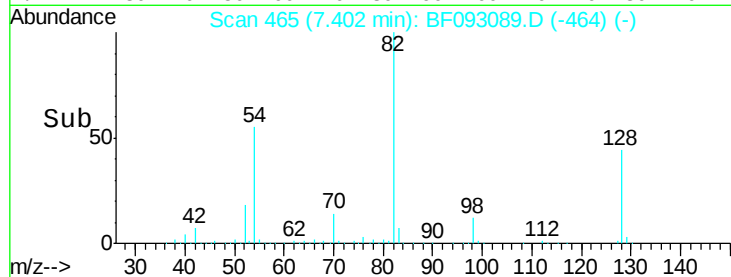
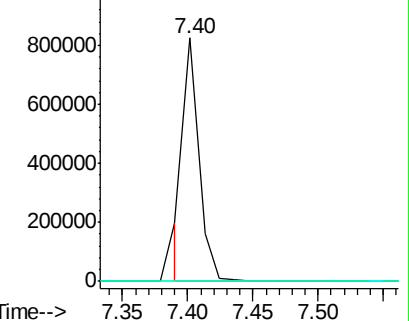
138 0.0 14.6 22.0#



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: 9.87 min Scan# 681

Delta R.T. -0.02 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

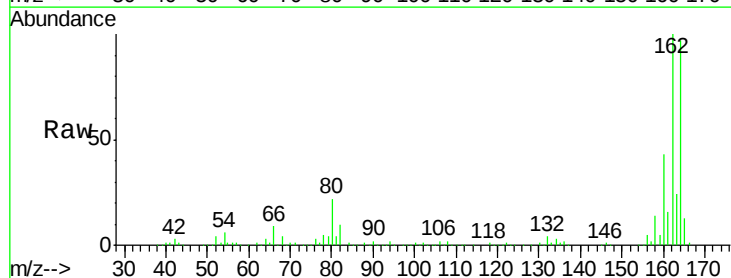
Tgt Ion: 164 Resp: 306811

Ion Ratio Lower Upper

164 100

162 103.6 80.2 120.2

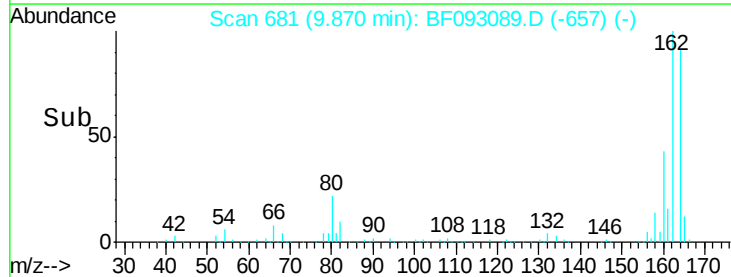
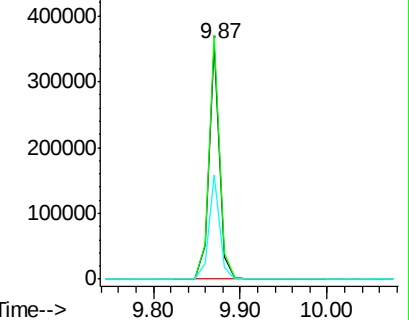
160 44.3 36.9 55.3

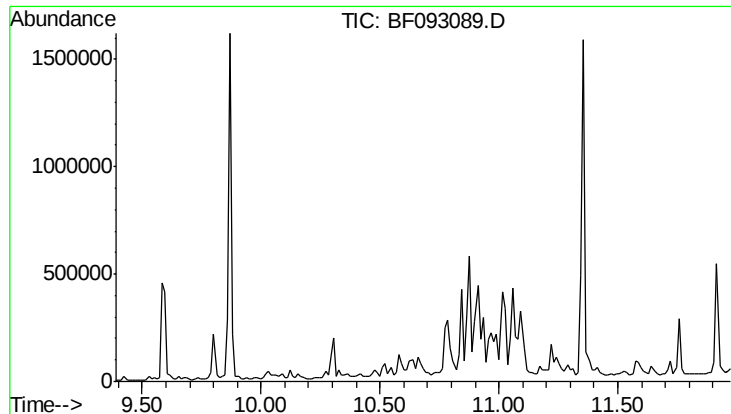


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

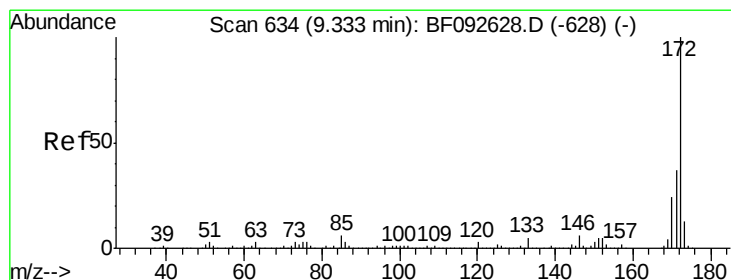
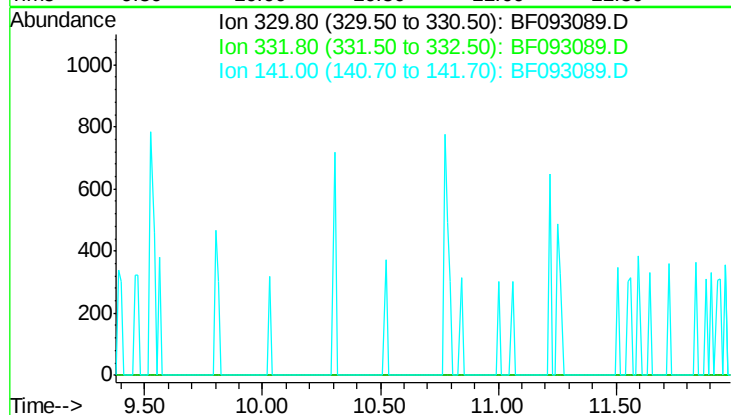




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.68 min
 Lab File: BF093089.D
 Acq: 22 Feb 2017 21:38

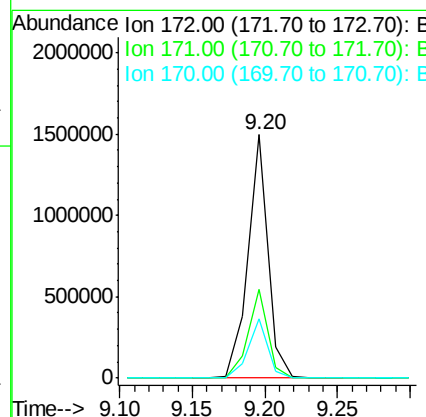
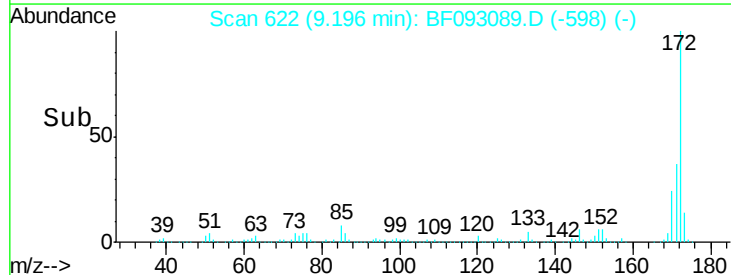
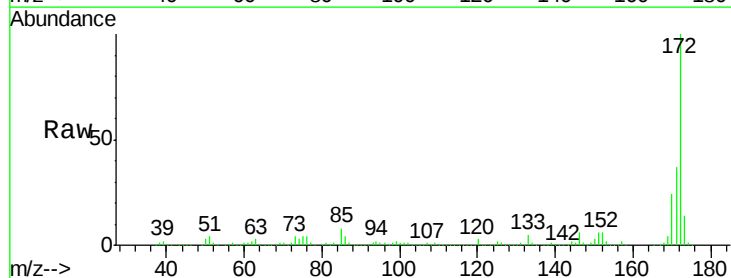
Instrument :
 BNA_F
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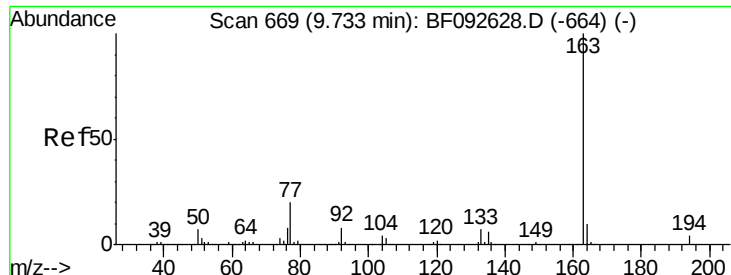
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 42.6



#44
 2-Fluorobiphenyl
 Concen: 85.10 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093089.D
 Acq: 22 Feb 2017 21:38

Tgt Ion: 172 Resp: 1441236
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.4 20.2 30.4





#49

Dimethylphthalate

Concen: 13.26 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

Instrument :

BNA_F

ClientSampled :

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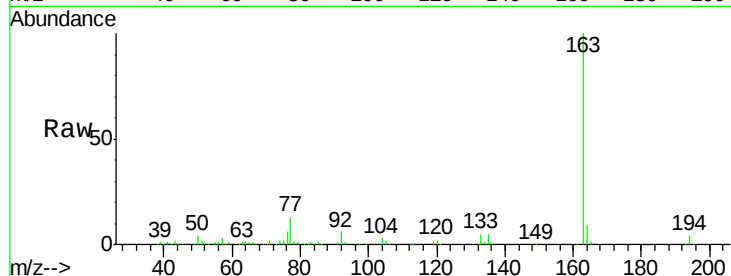
Tgt Ion:163 Resp: 274110

Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.4

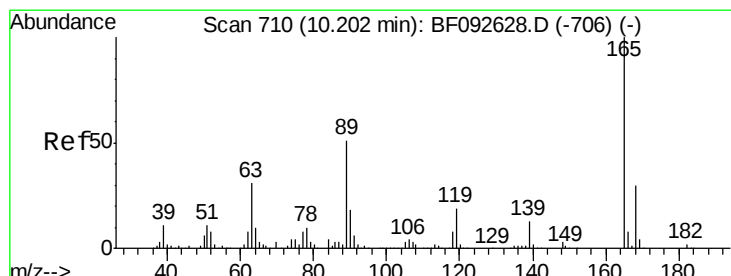
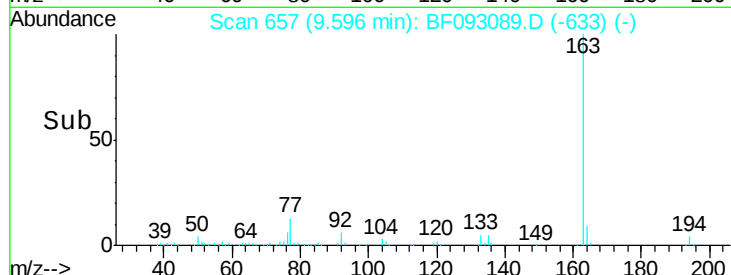
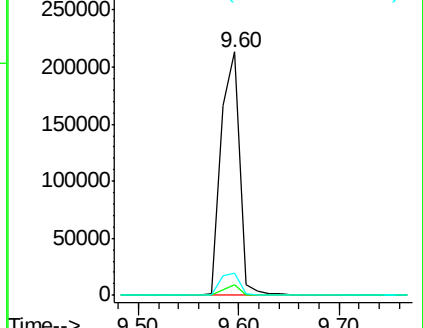
164 9.3 8.0 12.0



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: 6.74 ng

RT: 9.87 min Scan# 681

Delta R.T. -0.22 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

Tgt Ion:165 Resp: 40023

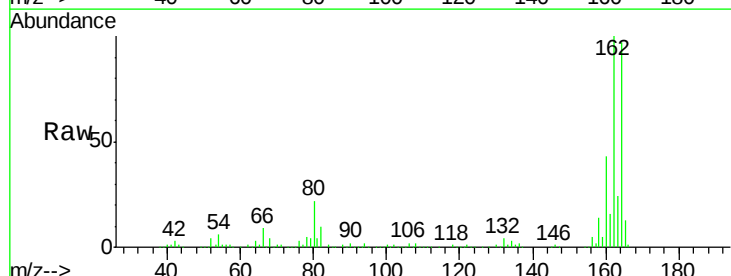
Ion Ratio Lower Upper

165 100

63 1.8 40.2 60.4#

89 1.4 62.5 93.7#

182 0.0 1.8 2.8#

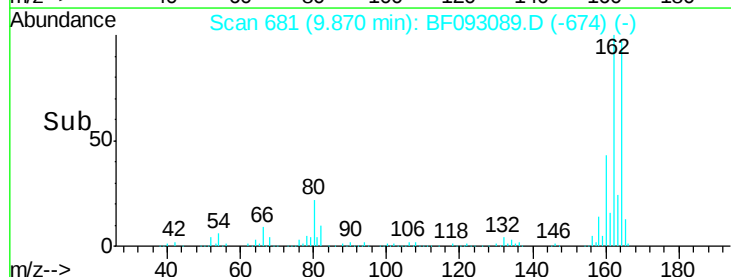
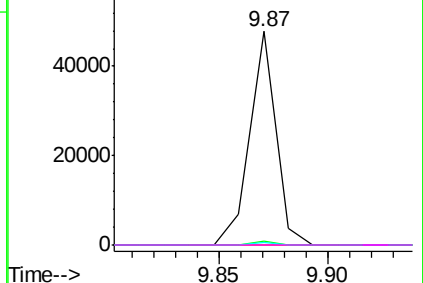


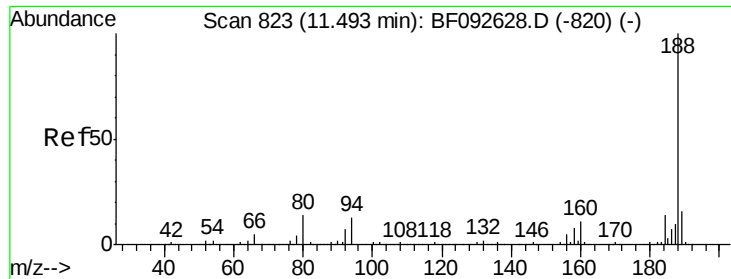
Abundance Ion 165.00 (164.70 to 165.70): E

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

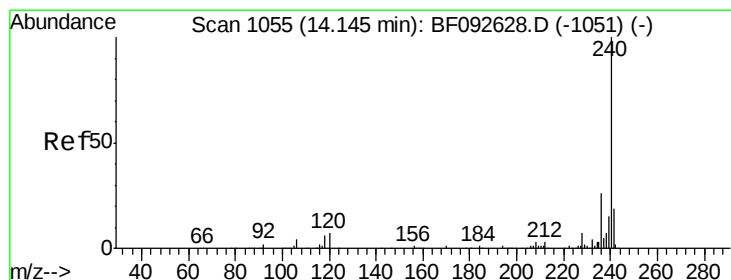
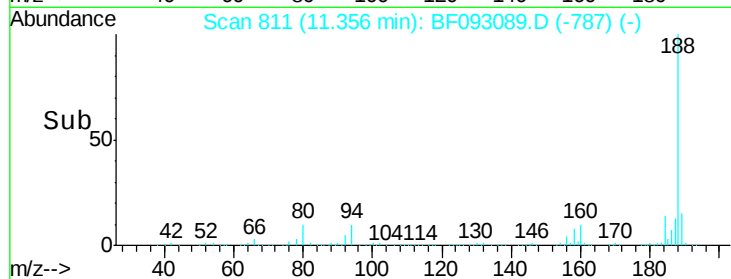
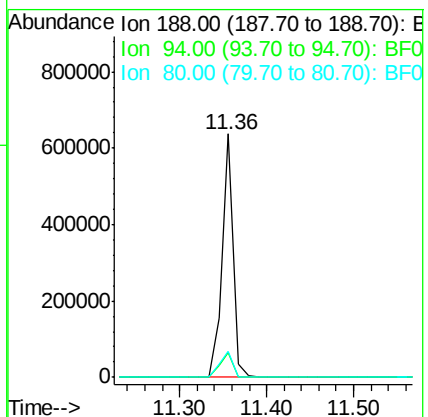
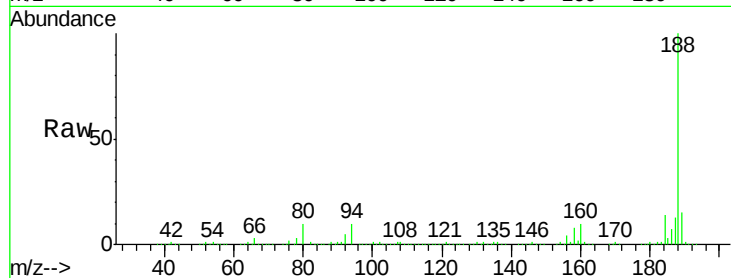




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093089.D
Acq: 22 Feb 2017 21:38

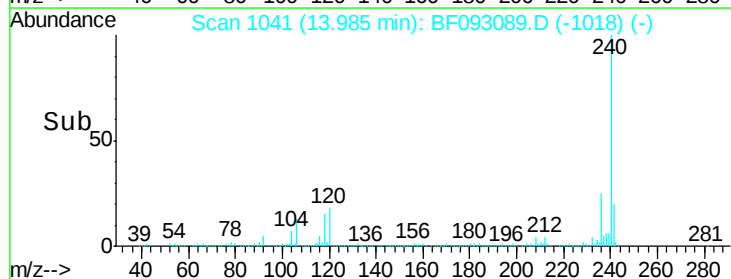
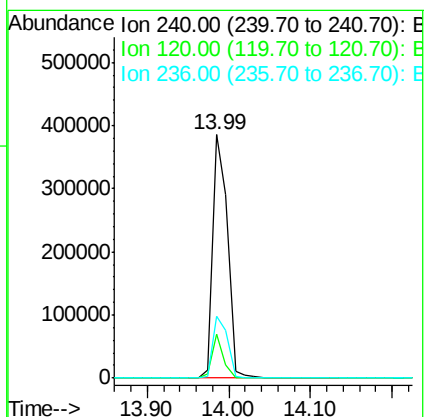
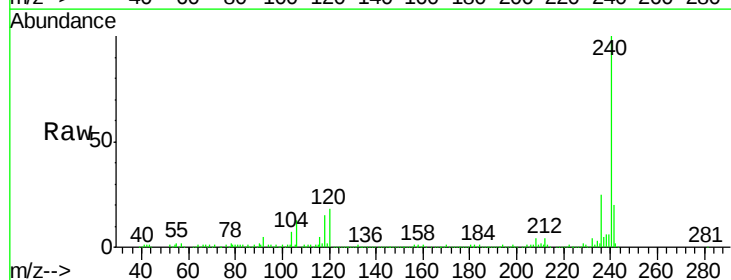
Instrument :
BNA_F
ClientSampleId :
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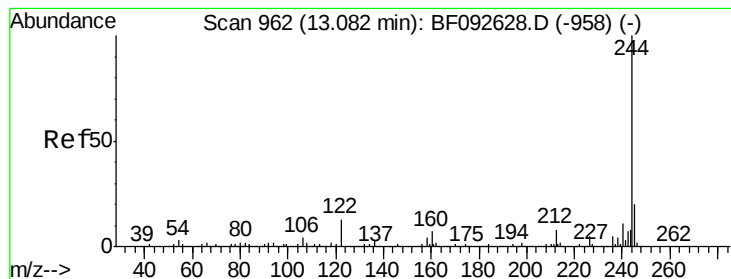
Tgt Ion:188 Resp: 577609
Ion Ratio Lower Upper
188 100
94 9.9 10.0 15.0#
80 10.5 11.2 16.8#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093089.D
Acq: 22 Feb 2017 21:38

Tgt Ion:240 Resp: 488238
Ion Ratio Lower Upper
240 100
120 18.2 12.9 19.3
236 25.5 20.9 31.3





#78

Terphenyl-d14

Concen: 71.04 ng

RT: 12.94 min Scan# 950

Delta R.T. -0.02 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

Instrument :

BNA_F

ClientSampleId :

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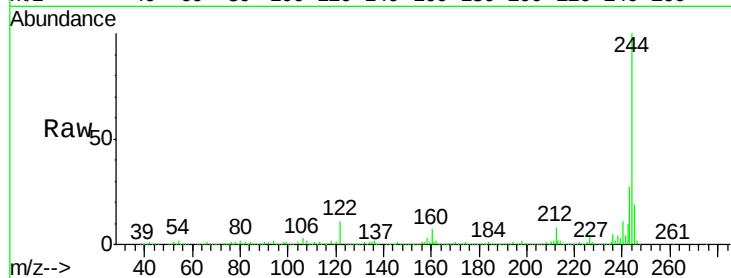
Tgt Ion:244 Resp: 1476222

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

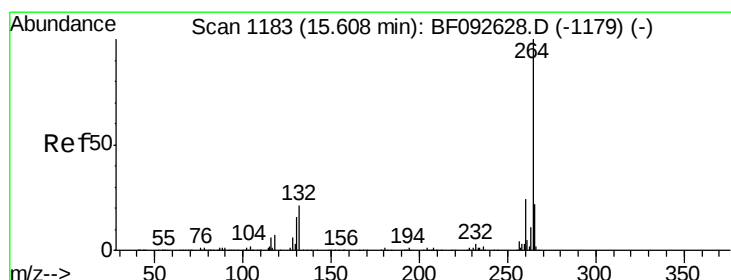
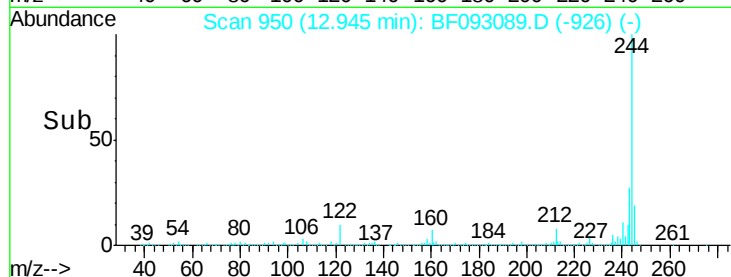
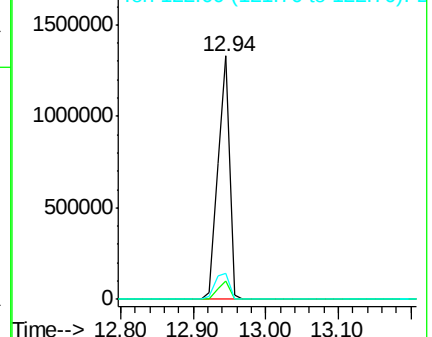
122 10.5 11.4 17.2#



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: 15.41 min Scan# 1166

Delta R.T. -0.03 min

Lab File: BF093089.D

Acq: 22 Feb 2017 21:38

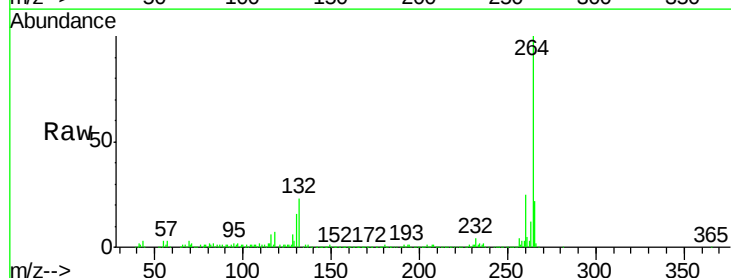
Tgt Ion:264 Resp: 363481

Ion Ratio Lower Upper

264 100

260 25.0 19.2 28.8

265 21.7 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

