

Data File : BF093086.D
Acq On : 22 Feb 2017 20:15
Operator : SJ/MA
Sample : I1936-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-B55-B63-001

Quant Time: Feb 22 23:58:12 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	6.84	152	139629	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	571493	20.00	ng	-0.02
38) Acenaphthene-d10	9.87	164	278559	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	514231	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	435951	20.00	ng	-0.03
86) Perylene-d12	15.41	264	294498	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1109524	136.33	ng	0.00
7) Phenol-d6	6.49	99	1363407	130.20	ng	0.00
23) Nitrobenzene-d5	7.40	82	839438	81.80	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	292574	145.22	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1499760	97.54	ng	-0.02
78) Terphenyl-d14	12.95	244	1589602	85.68	ng	-0.02

Target Compounds						Qvalue
19) n-Nitroso-di-n-propylamine	7.40	70	109012	16.35	ng	# 83
25) Isophorone	7.40	82	751106	39.28	ng	# 65
50) 2,6-Dinitrotoluene	9.87	165	34163	8.43	ng	# 31
56) 2,4-Dinitrotoluene	9.87	165	34163	6.33	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.66	198	485	2.82	ng	# 1
66) 4-Bromophenyl-phenylether	10.66	248	21424	3.99	ng	# 1

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

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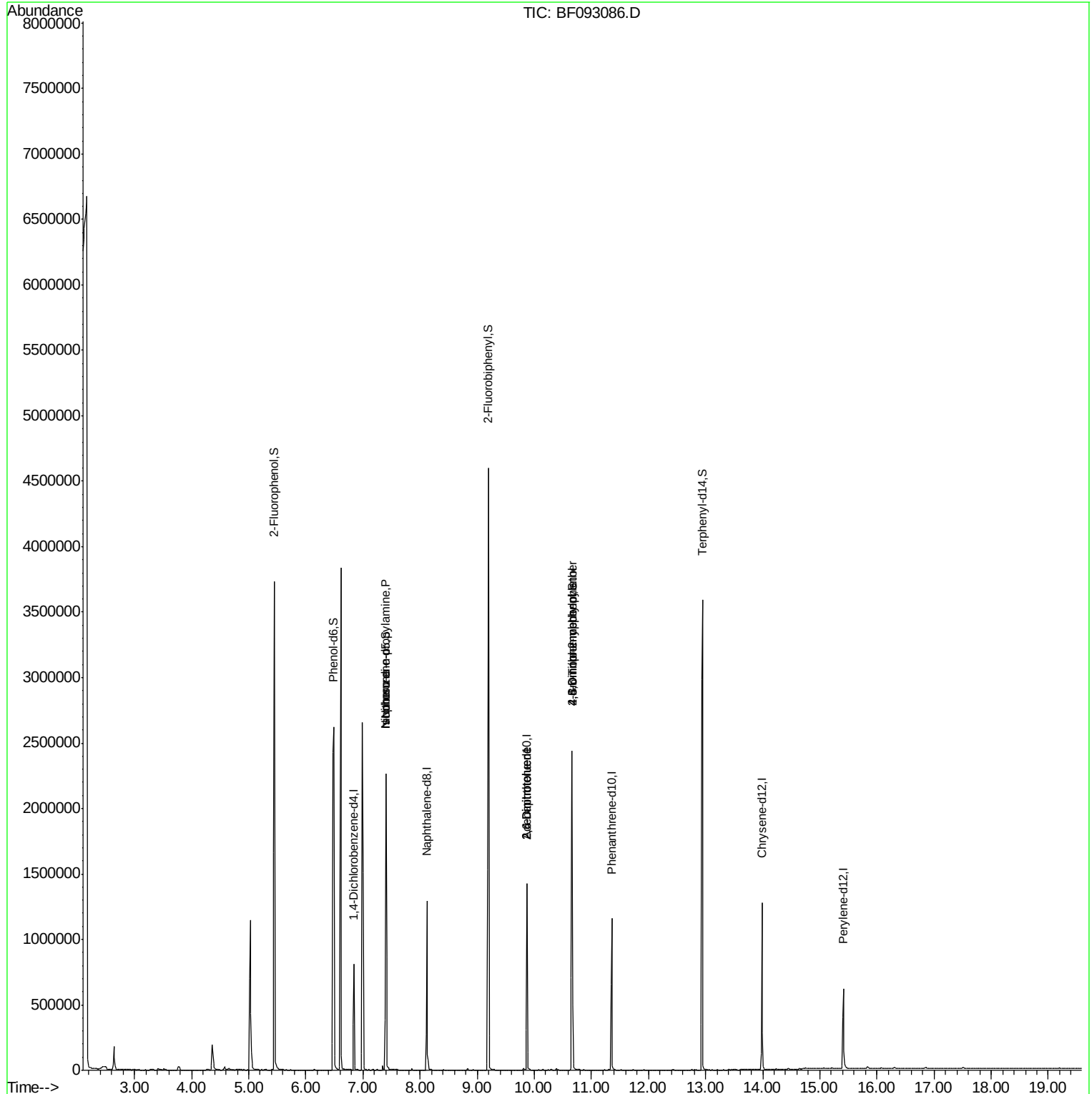
Quant Time: Feb 22 23:58:12 2017

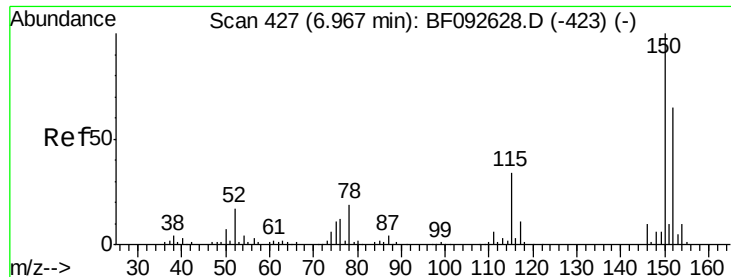
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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: 6.84 min Scan# 416

Delta R.T. -0.01 min

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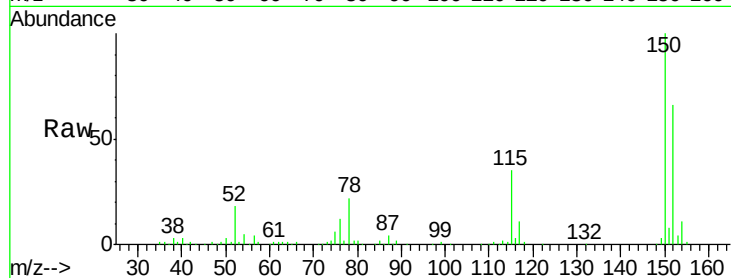
Tgt Ion:152 Resp: 139629

Ion Ratio Lower Upper

152 100

150 150.7 124.9 187.3

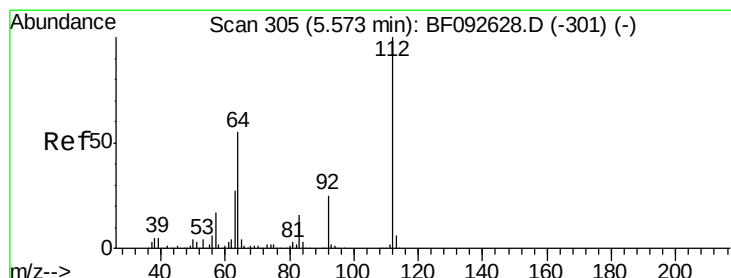
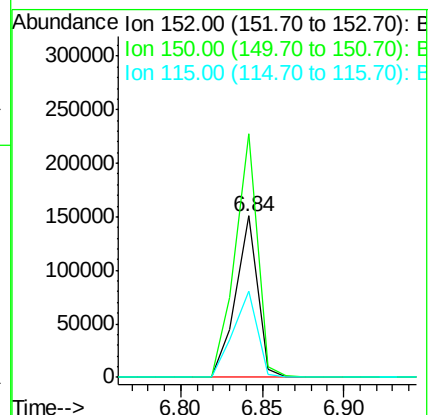
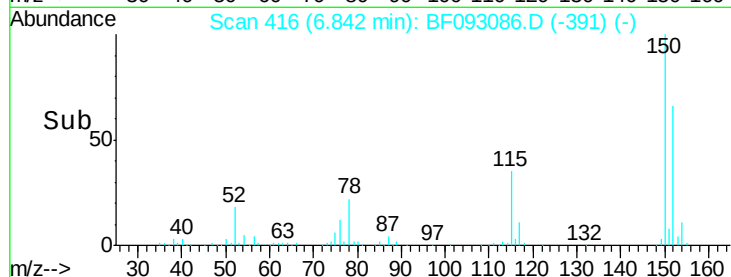
115 53.0 46.0 69.0



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: 136.33 ng

RT: 5.45 min Scan# 294

Delta R.T. 0.00 min

Lab File: BF093086.D

Acq: 22 Feb 2017 20:15

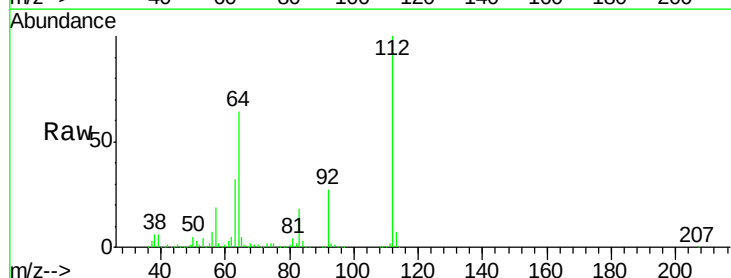
Tgt Ion:112 Resp: 1109524

Ion Ratio Lower Upper

112 100

64 63.7 46.1 69.1

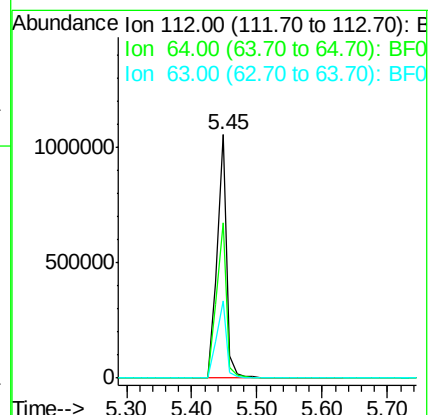
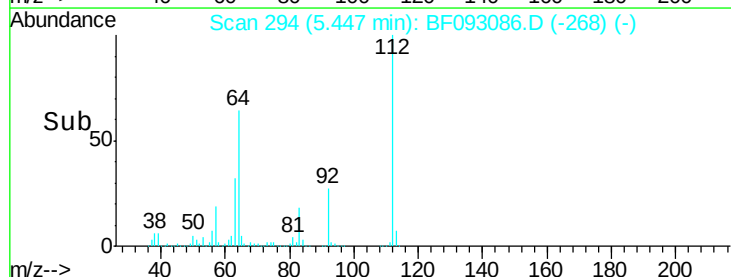
63 31.6 23.8 35.6

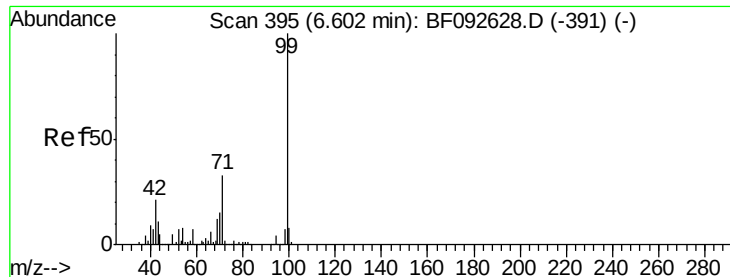


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 130.20 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

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WC-B55-B63-001

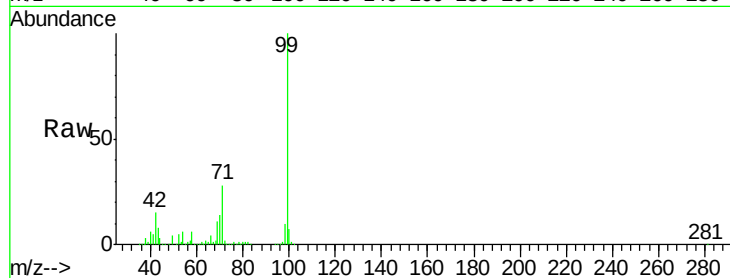
Tgt Ion: 99 Resp: 1363407

Ion Ratio Lower Upper

99 100

42 14.8 15.6 23.4#

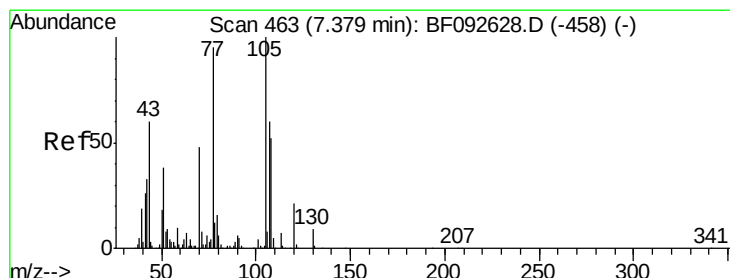
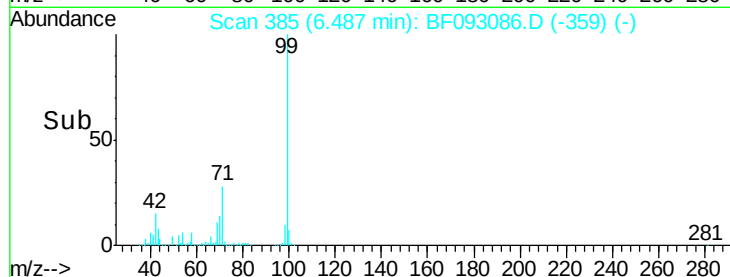
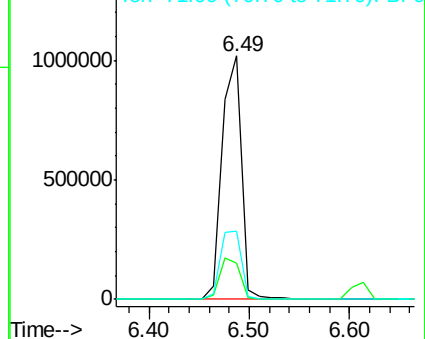
71 27.9 27.5 41.3



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: 16.35 ng

RT: 7.40 min Scan# 465

Delta R.T. 0.13 min

Lab File: BF093086.D

Acq: 22 Feb 2017 20:15

Tgt Ion: 70 Resp: 109012

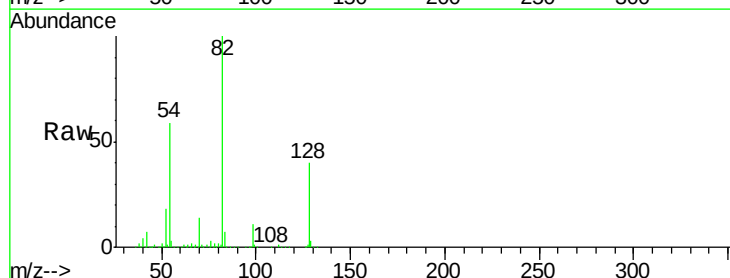
Ion Ratio Lower Upper

70 100

42 53.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

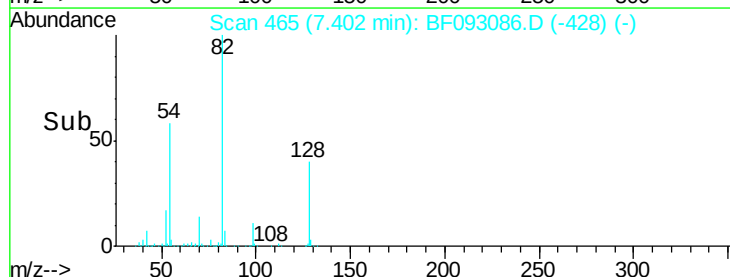
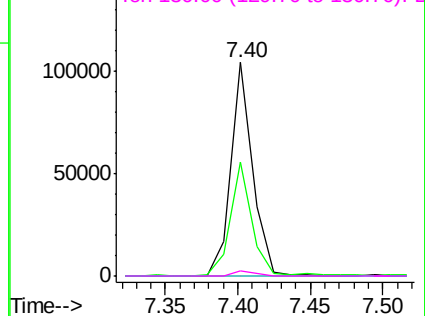


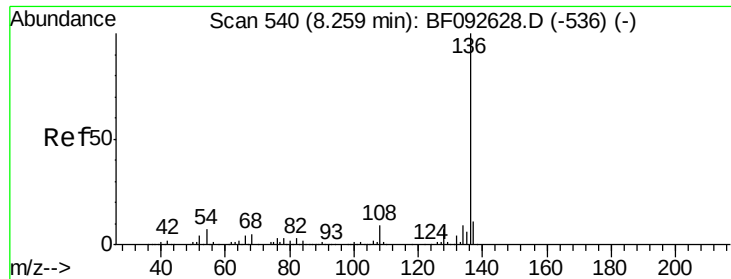
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

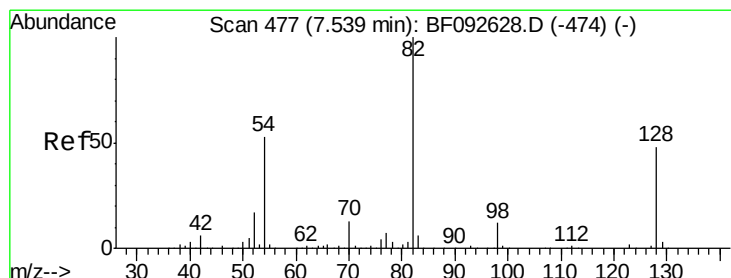
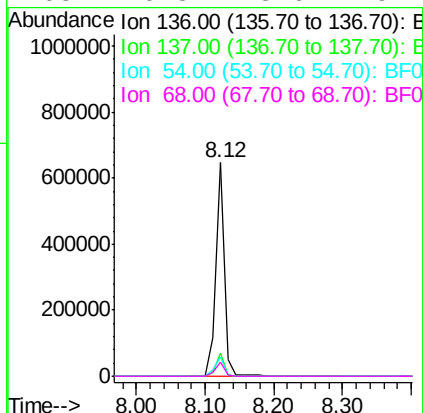
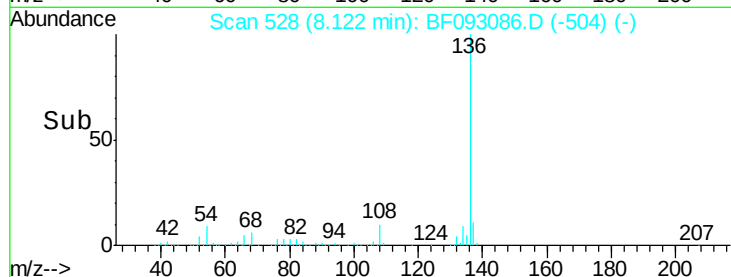
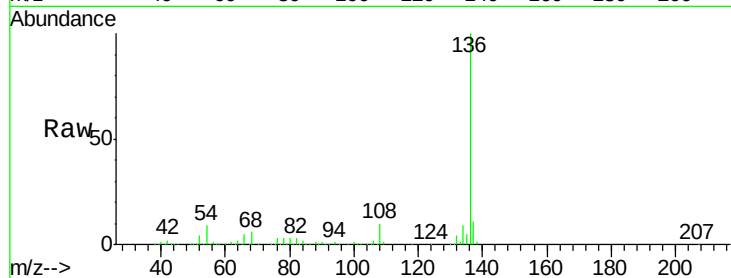




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.02 min
Lab File: BF093086.D
Acq: 22 Feb 2017 20:15

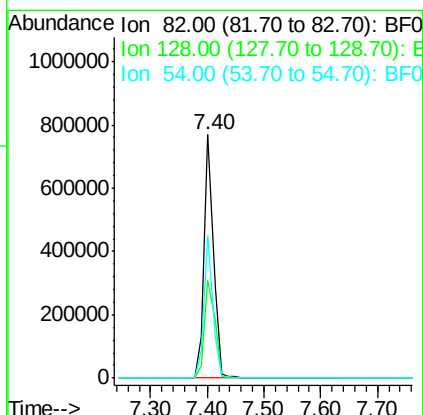
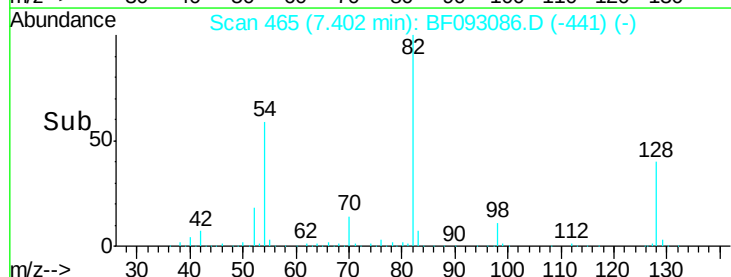
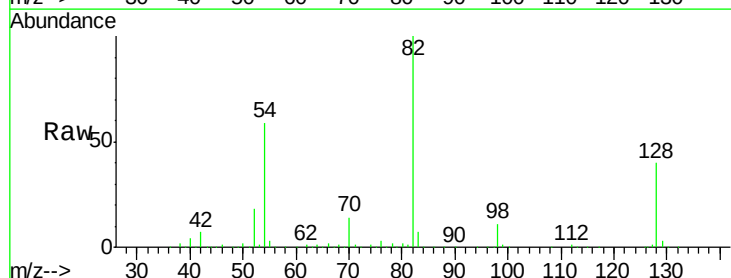
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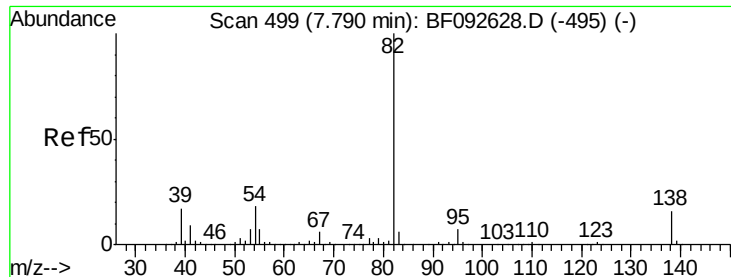
Tgt Ion:	136	Resp:	571493
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.1	4.5	6.7#
68	6.3	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 81.80 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.02 min
Lab File: BF093086.D
Acq: 22 Feb 2017 20:15

Tgt Ion:	82	Resp:	839438
Ion	Ratio	Lower	Upper
82	100		
128	40.3	34.6	52.0
54	58.6	39.5	59.3

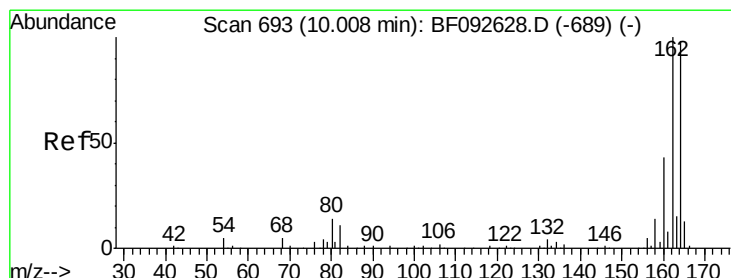
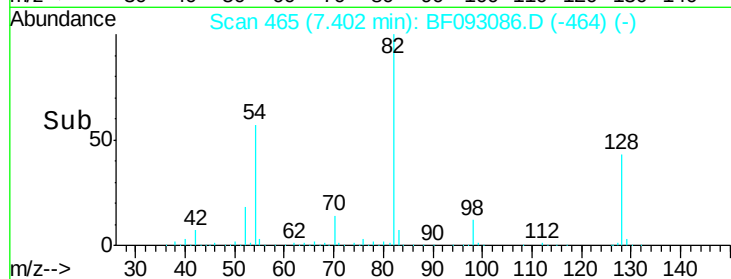
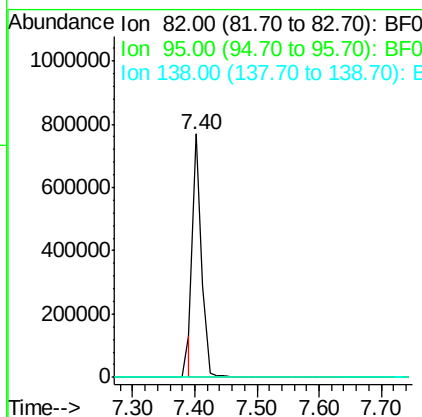
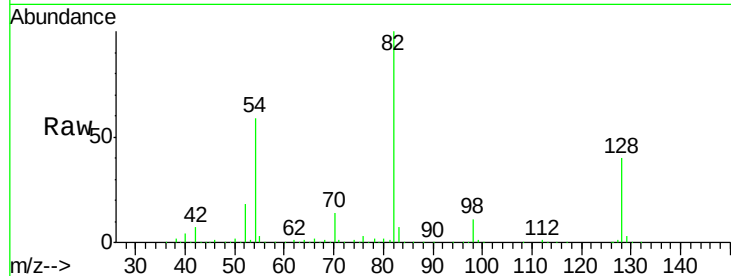




#25
Isophorone
Concen: 39.28 ng
RT: 7.40 min Scan# 465
Delta R.T. -0.29 min
Lab File: BF093086.D
Acq: 22 Feb 2017 20:15

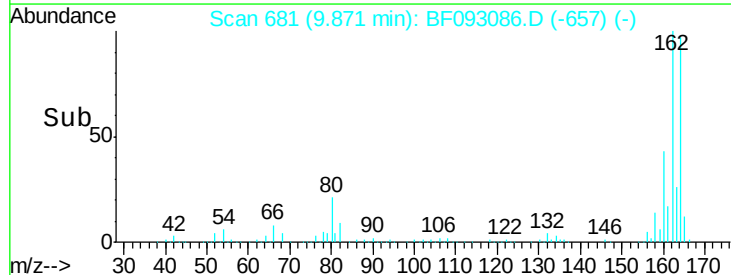
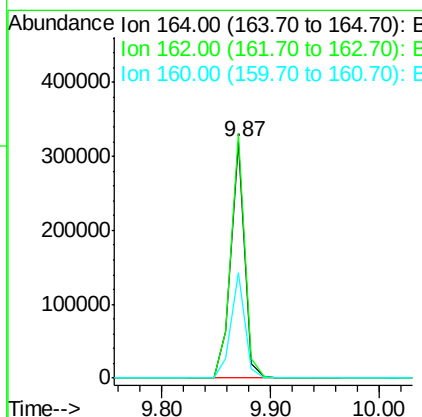
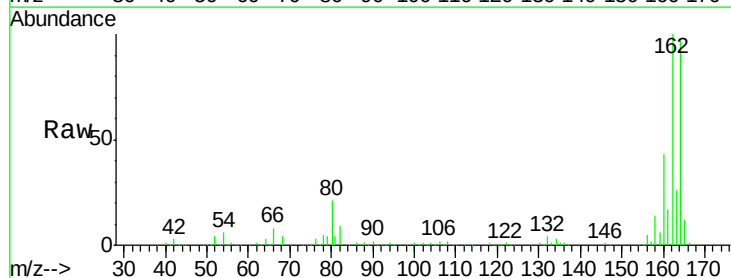
Instrument :
BNA_F
ClientSampleId :
WC-B55-B63-001

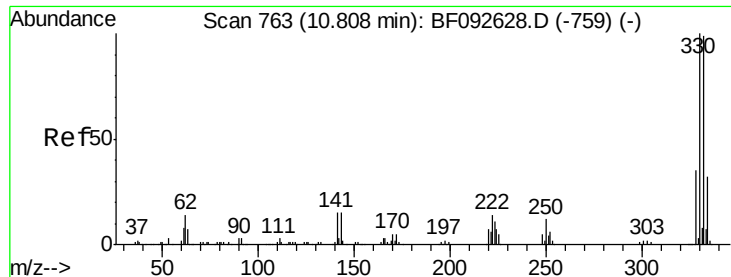
Tgt Ion: 82 Resp: 751106
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.87 min Scan# 681
Delta R.T. -0.02 min
Lab File: BF093086.D
Acq: 22 Feb 2017 20:15

Tgt Ion: 164 Resp: 278559
Ion Ratio Lower Upper
164 100
162 103.1 80.2 120.2
160 44.4 36.9 55.3

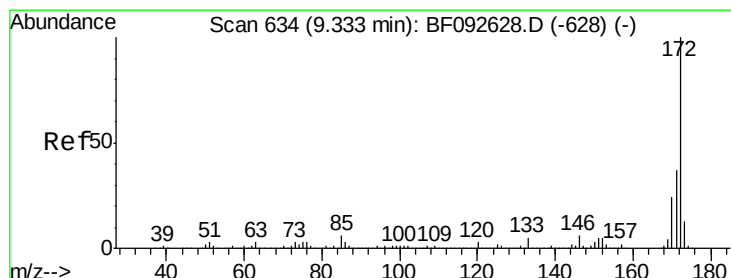
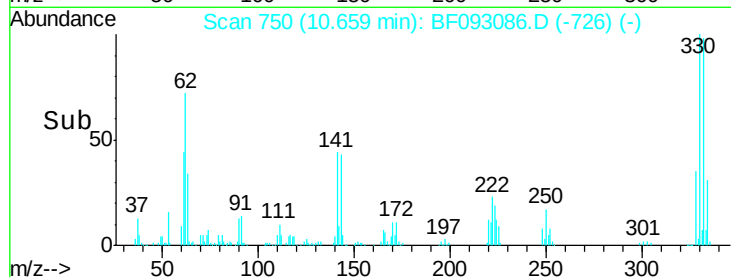
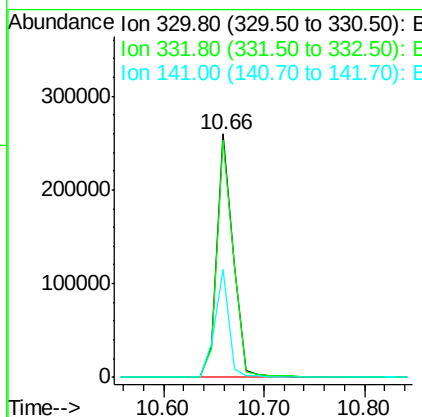
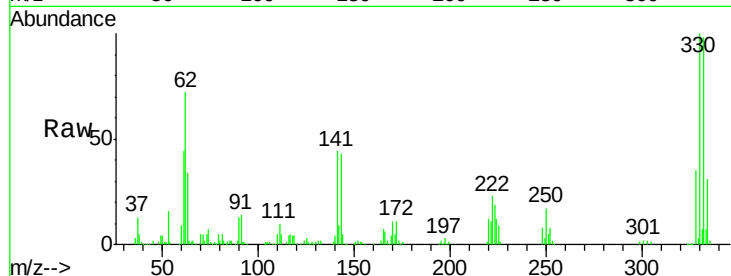




#41
 2,4,6-Tribromophenol
 Concen: 145.22 ng
 RT: 10.66 min Scan# 750
 Delta R.T. -0.02 min
 Lab File: BF093086.D
 Acq: 22 Feb 2017 20:15

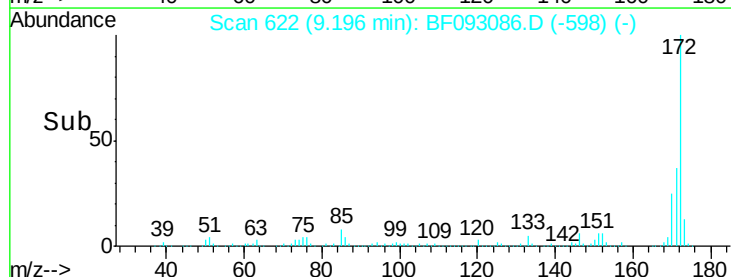
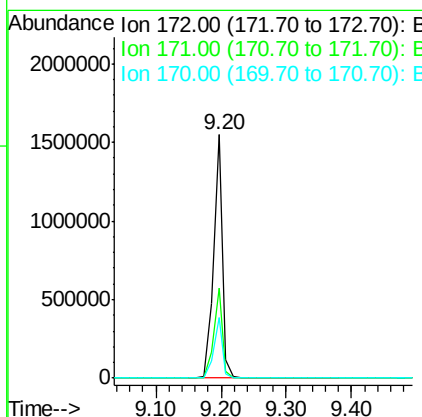
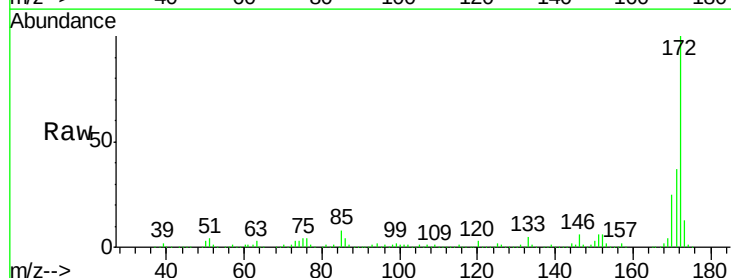
Instrument :
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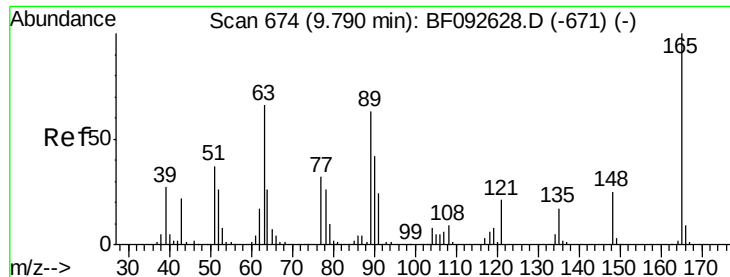
Tgt Ion:330 Resp: 292574
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.4 116.2
 141 38.9 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 97.54 ng
 RT: 9.20 min Scan# 622
 Delta R.T. -0.02 min
 Lab File: BF093086.D
 Acq: 22 Feb 2017 20:15

Tgt Ion:172 Resp: 1499760
 Ion Ratio Lower Upper
 172 100
 171 36.7 29.4 44.0
 170 25.0 20.2 30.4

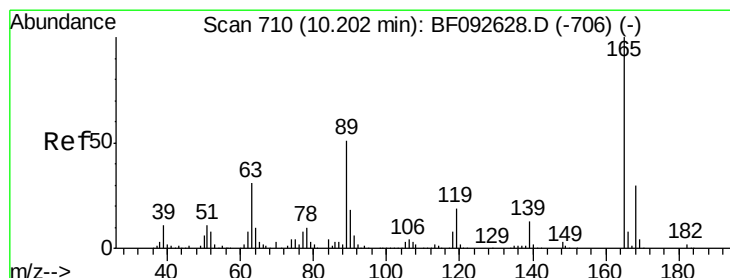
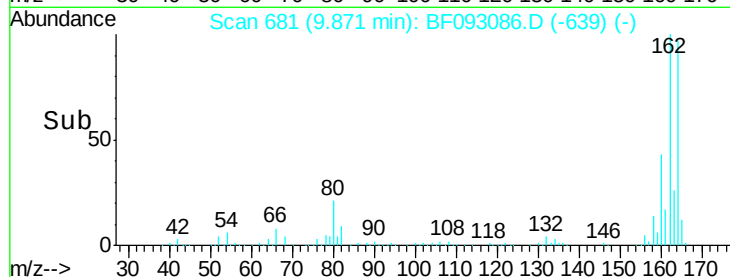
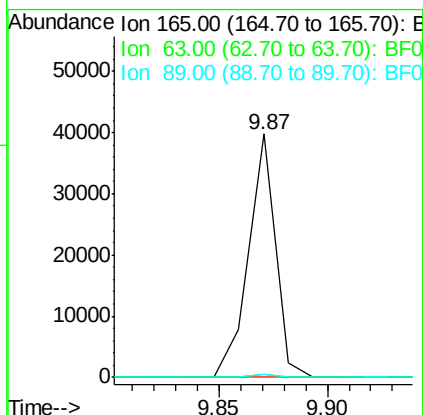
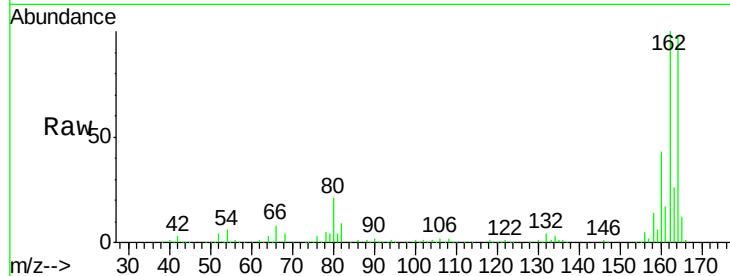




#50
 2,6-Dinitrotoluene
 Concen: 8.43 ng
 RT: 9.87 min Scan# 681
 Delta R.T. 0.18 min
 Lab File: BF093086.D
 Acq: 22 Feb 2017 20:15

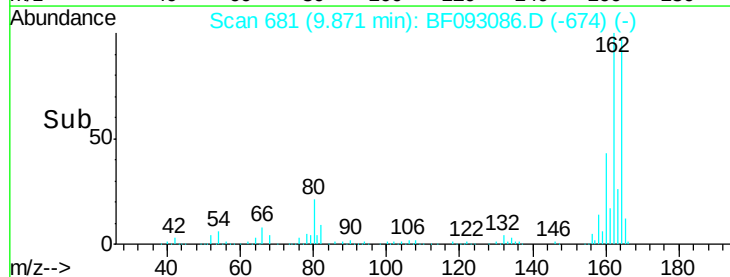
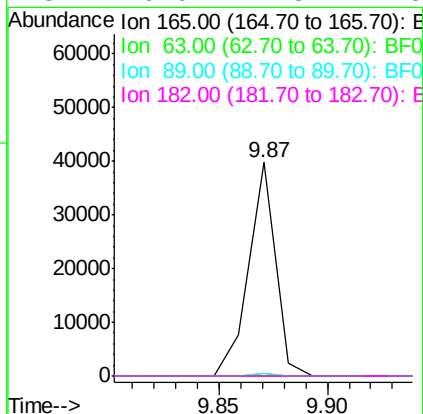
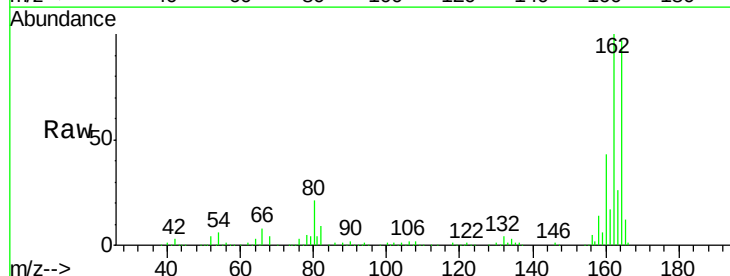
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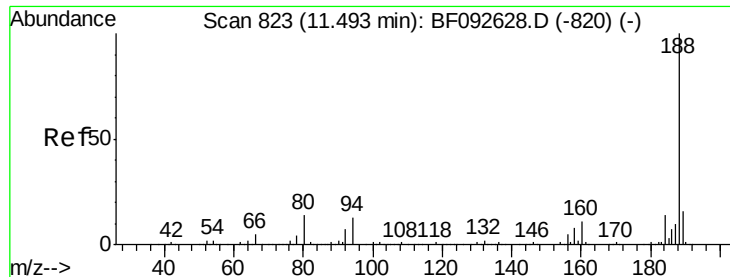
Tgt Ion:165 Resp: 34163
 Ion Ratio Lower Upper
 165 100
 63 1.1 36.2 54.4#
 89 1.4 40.2 60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.33 ng
 RT: 9.87 min Scan# 681
 Delta R.T. -0.22 min
 Lab File: BF093086.D
 Acq: 22 Feb 2017 20:15

Tgt Ion:165 Resp: 34163
 Ion Ratio Lower Upper
 165 100
 63 1.1 40.2 60.4#
 89 1.4 62.5 93.7#
 182 0.0 1.8 2.8#

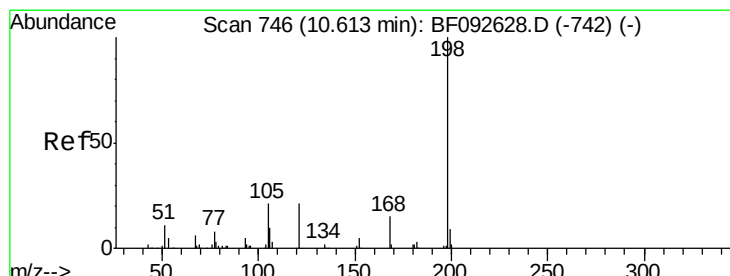
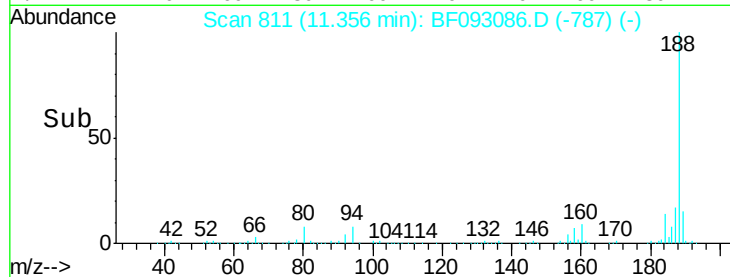
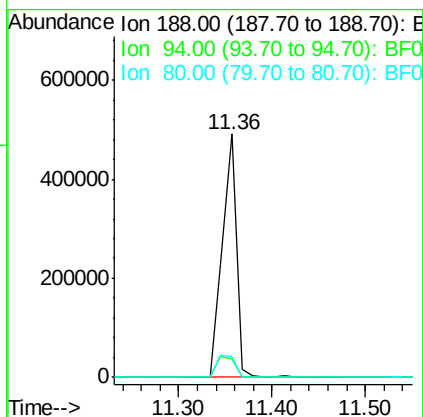
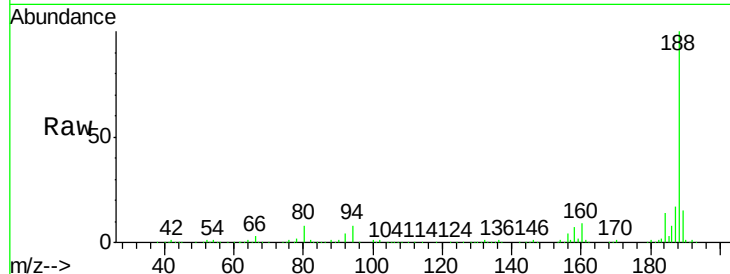




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093086.D
Acq: 22 Feb 2017 20:15

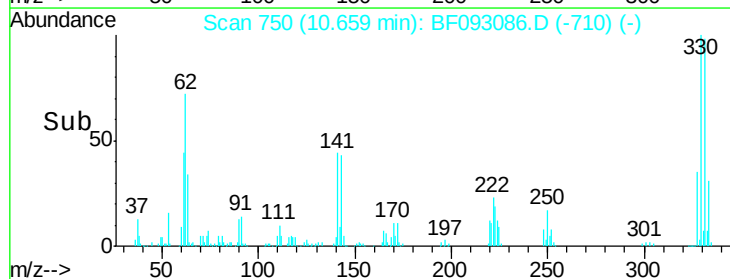
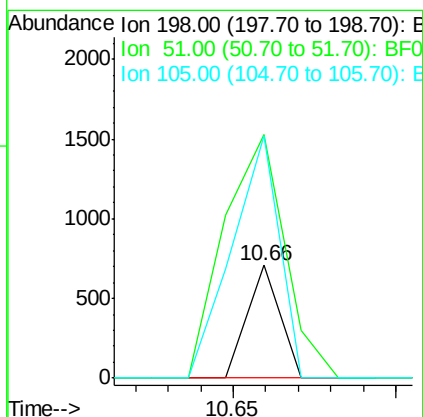
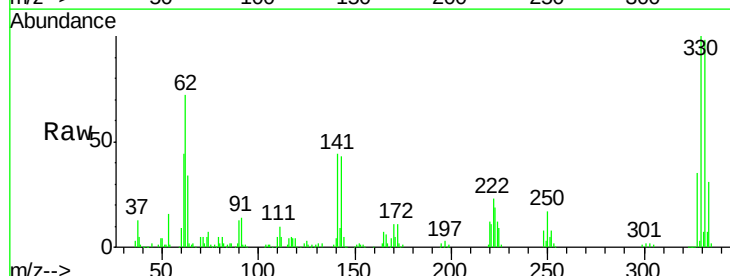
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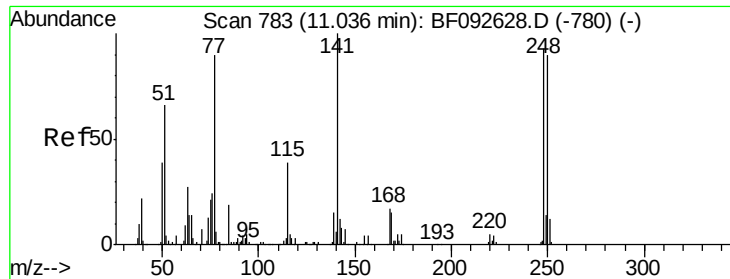
Tgt Ion:188 Resp: 514231
Ion Ratio Lower Upper
188 100
94 7.8 10.0 15.0#
80 8.4 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.82 ng
RT: 10.66 min Scan# 750
Delta R.T. 0.16 min
Lab File: BF093086.D
Acq: 22 Feb 2017 20:15

Tgt Ion:198 Resp: 485
Ion Ratio Lower Upper
198 100
51 216.1 6.7 46.7#
105 214.6 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 3.99 ng

RT: 10.66 min Scan# 750

Delta R.T. -0.26 min

Lab File: BF093086.D

Acq: 22 Feb 2017 20:15

Instrument :

BNA_F

ClientSampleId :

WC-B55-B63-001

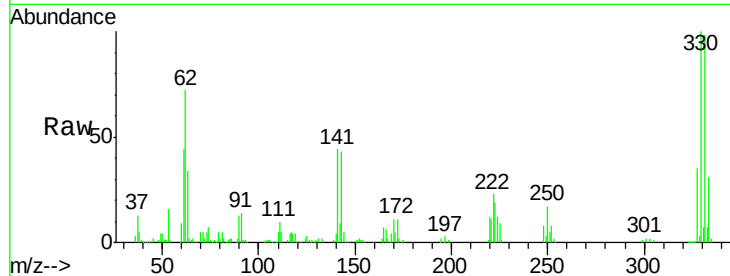
Tgt Ion:248 Resp: 21424

Ion Ratio Lower Upper

248 100

250 197.6 76.9 115.3#

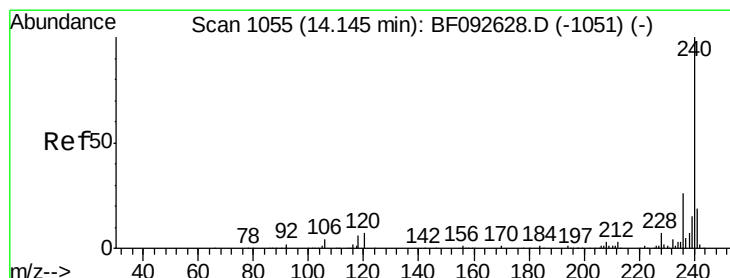
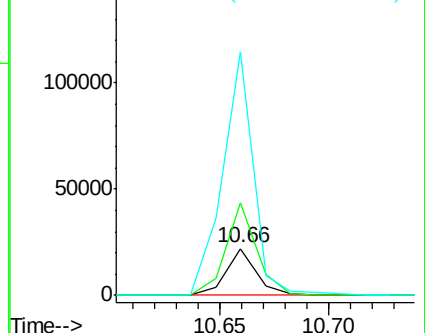
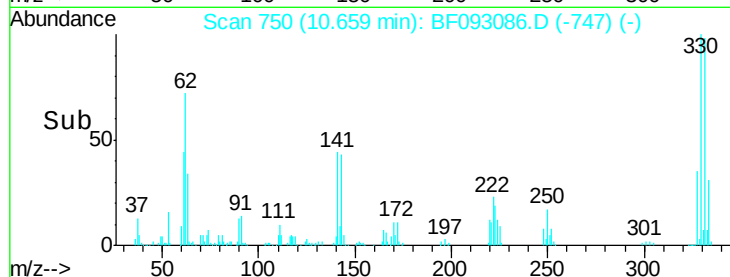
141 521.2 68.2 102.4#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.03 min

Lab File: BF093086.D

Acq: 22 Feb 2017 20:15

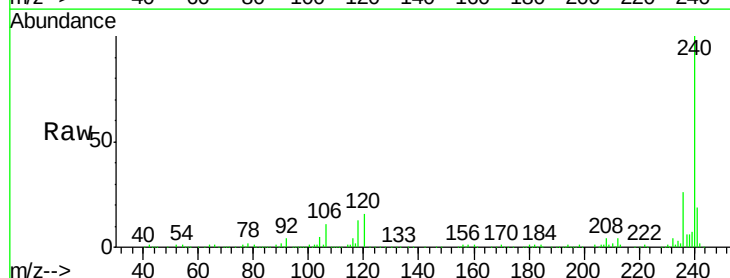
Tgt Ion:240 Resp: 435951

Ion Ratio Lower Upper

240 100

120 15.5 12.9 19.3

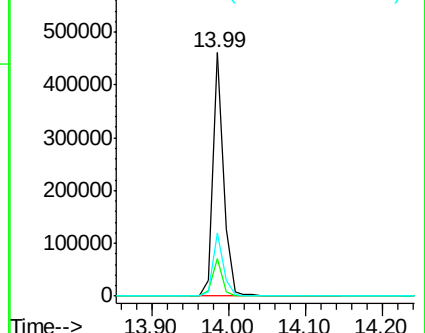
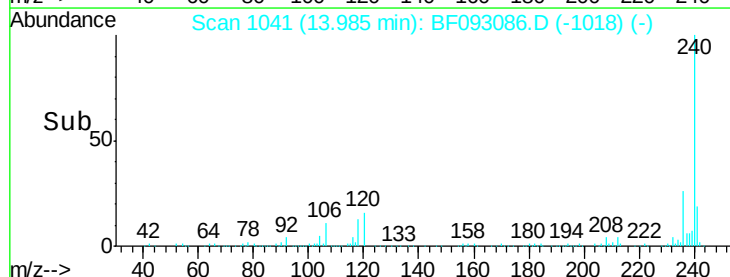
236 25.9 20.9 31.3

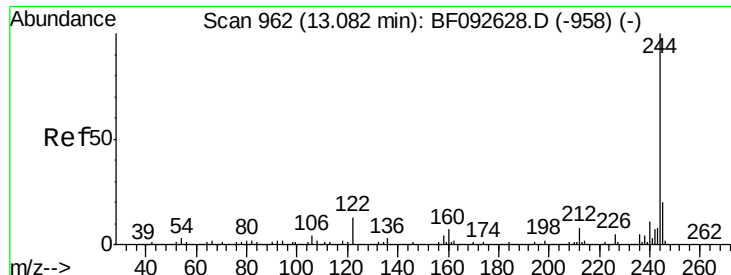


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

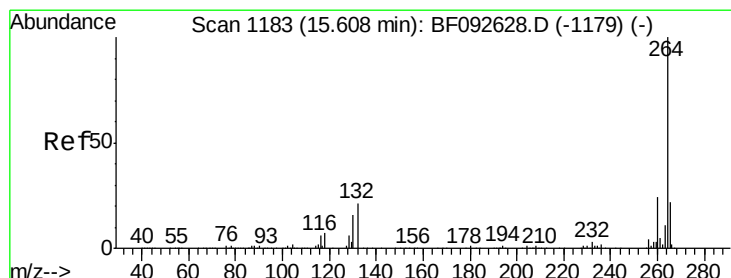
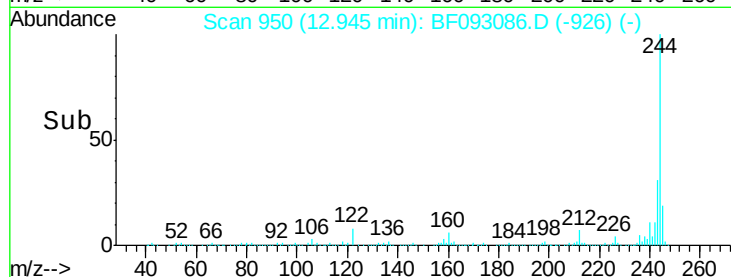
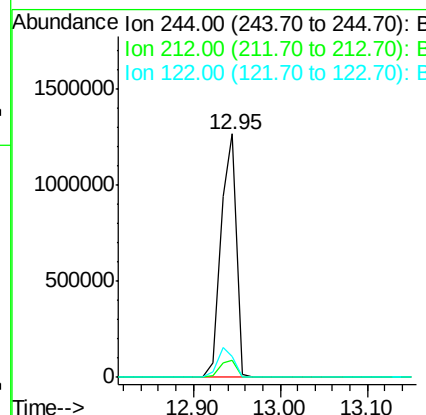
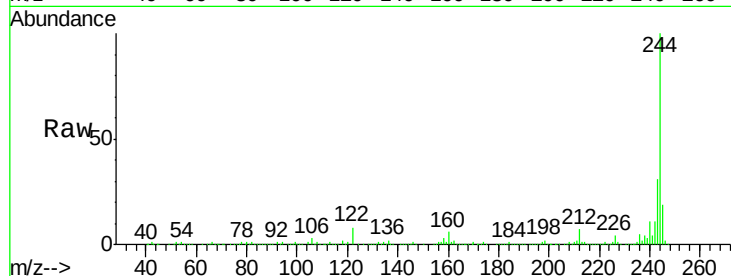




#78
 Terphenyl-d14
 Concen: 85.68 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093086.D
 Acq: 22 Feb 2017 20:15

Instrument :
 BNA_F
 ClientSampleId :
 WC-B55-B63-001

Tgt Ion:244 Resp: 1589602
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.2 9.2
 122 8.4 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093086.D
 Acq: 22 Feb 2017 20:15

Tgt Ion:264 Resp: 294498
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.2 28.8
 265 20.8 17.4 26.0

