

Data File : BF093038.D
Acq On : 20 Feb 2017 19:48
Operator : SJ/MA
Sample : I1926-01
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CORBETT-SE

Quant Time: Feb 20 23:43:18 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	169388	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	644390	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	311858	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	584709	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	584320	20.00	ng	-0.01
86) Perylene-d12	15.44	264	462413	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	894123	90.56	ng	-0.01
7) Phenol-d6	6.49	99	1293474	101.82	ng	0.00
23) Nitrobenzene-d5	7.41	82	767564	66.33	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	252141	111.79	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1373627	79.80	ng	-0.01
78) Terphenyl-d14	12.96	244	1232197	49.55	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	102199	12.64	ng	# 81
25) Isophorone	7.41	82	601533	27.90	ng	# 65
49) Dimethylphthalate	9.61	163	177777	8.46	ng	99
56) 2,4-Dinitrotoluene	9.88	165	39095	6.47	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.67	198	588	2.82	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	17768	2.91	ng	# 1

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

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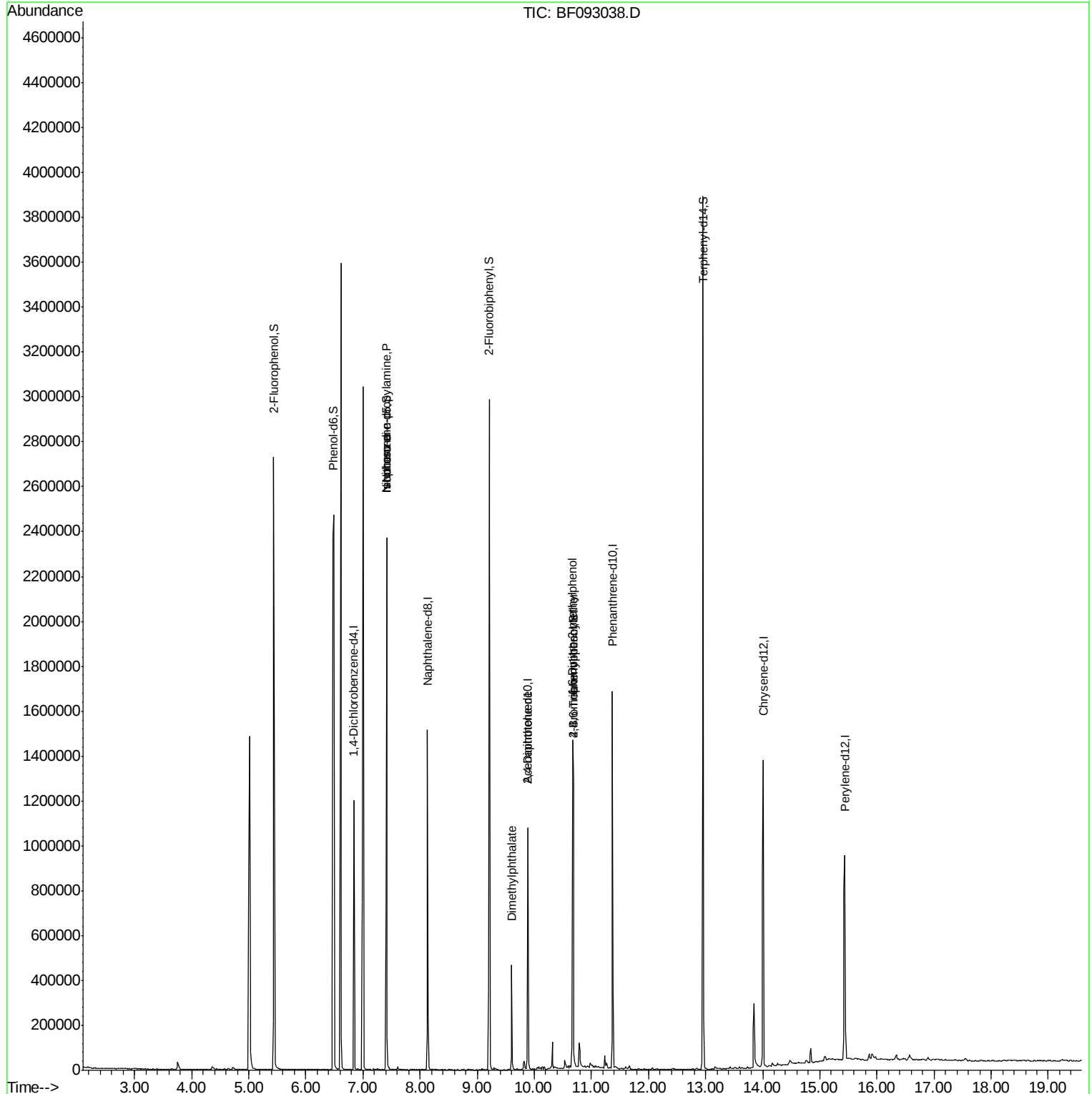
Quant Time: Feb 20 23:43:18 2017

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

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#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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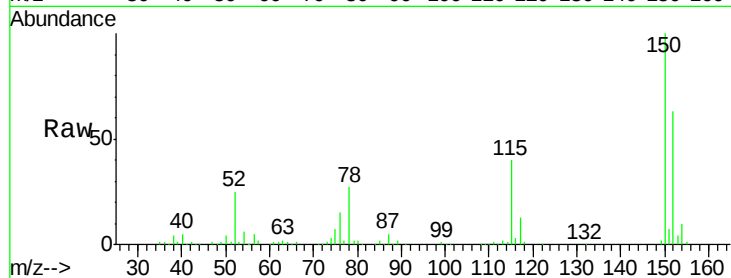
Tgt Ion:152 Resp: 169388

Ion Ratio Lower Upper

152 100

150 157.7 124.9 187.3

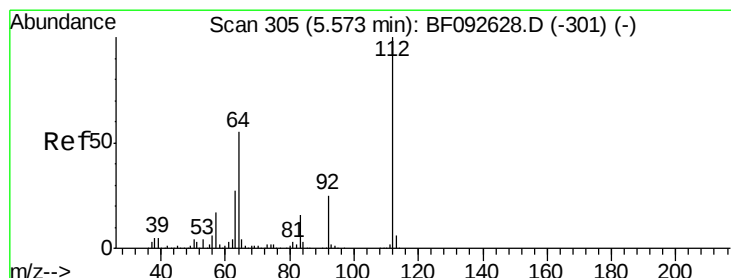
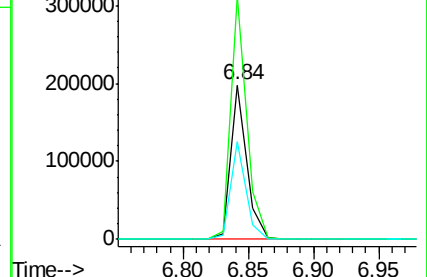
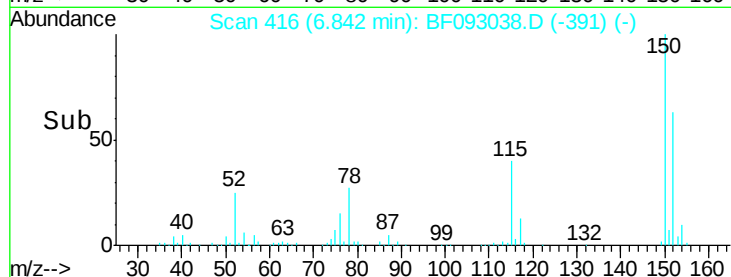
115 63.6 46.0 69.0



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: 90.56 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093038.D

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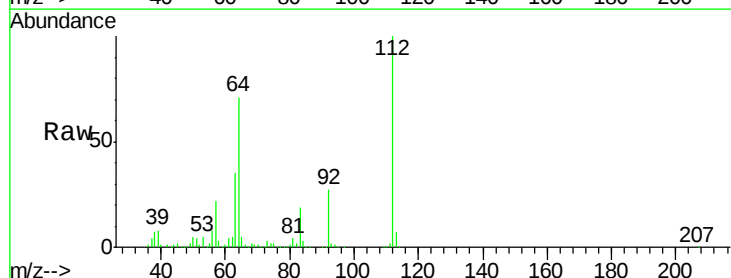
Tgt Ion:112 Resp: 894123

Ion Ratio Lower Upper

112 100

64 70.8 46.1 69.1#

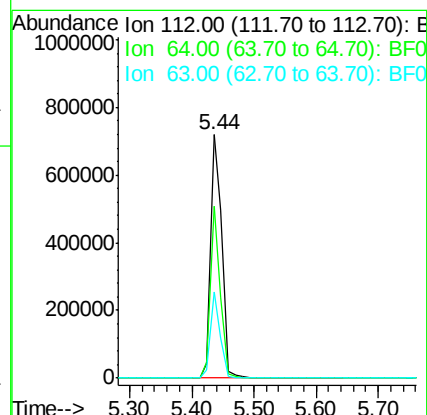
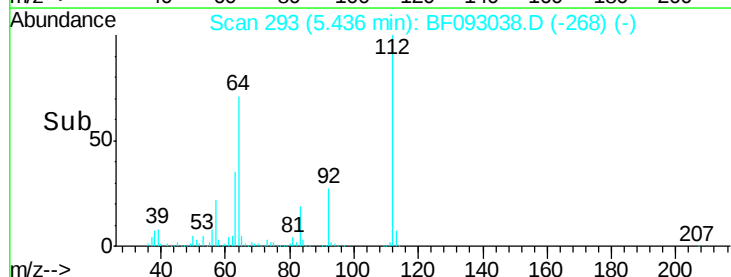
63 35.3 23.8 35.6

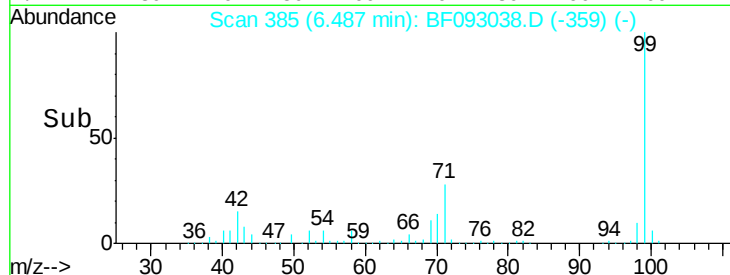
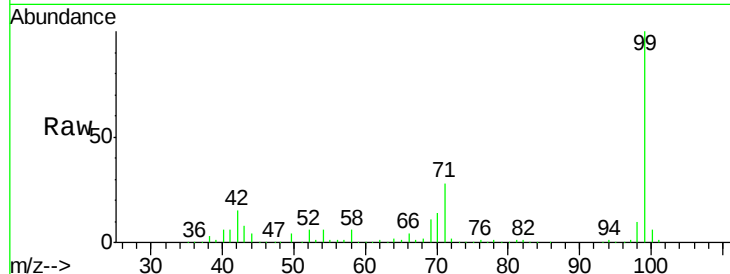
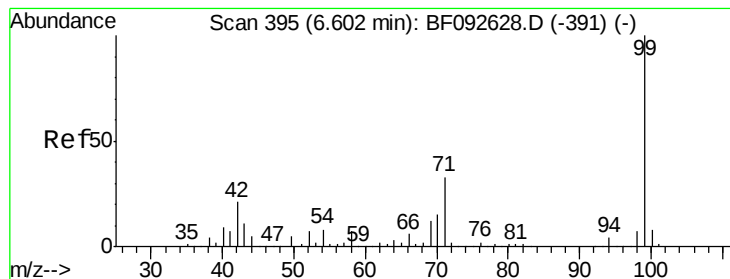


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.82 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093038.D

Acq: 20 Feb 2017 19:48

Instrument :

BNA_F

ClientSampleId :

CORBETT-SE

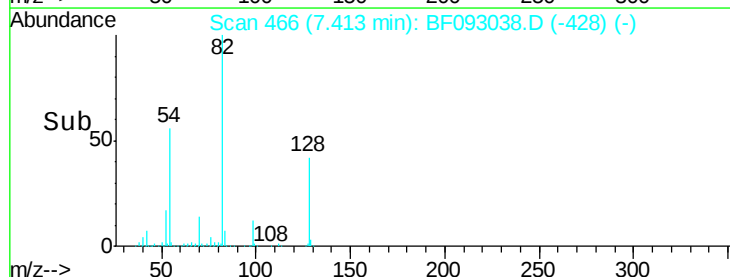
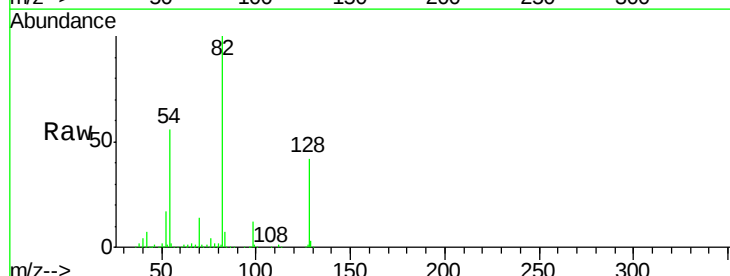
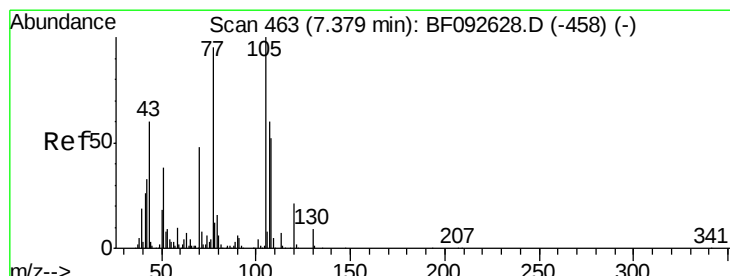
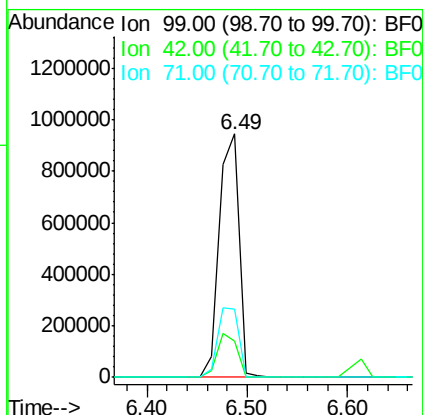
Tgt Ion: 99 Resp: 1293474

Ion Ratio Lower Upper

99 100

42 14.9 15.6 23.4#

71 28.3 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.64 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF093038.D

Acq: 20 Feb 2017 19:48

Tgt Ion: 70 Resp: 102199

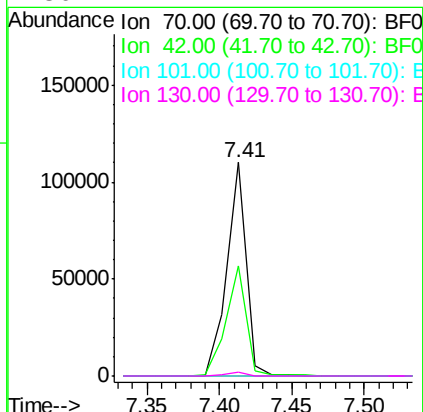
Ion Ratio Lower Upper

70 100

42 51.4 49.4 74.0

101 0.0 7.4 11.2#

130 1.7 14.2 21.4#

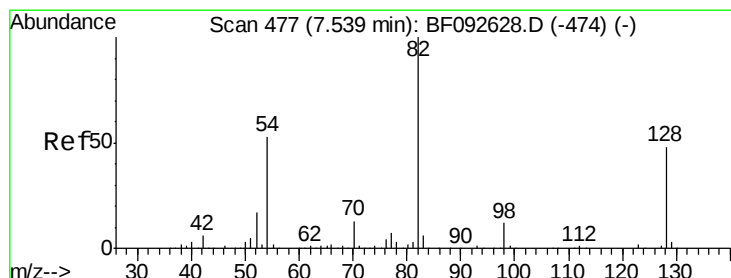
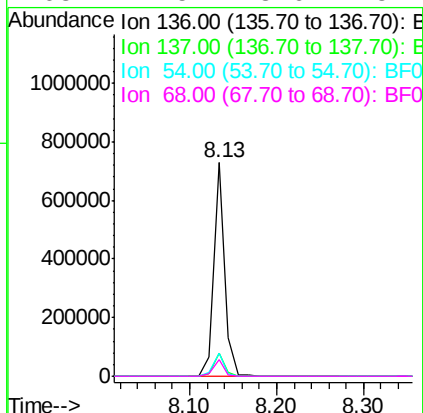
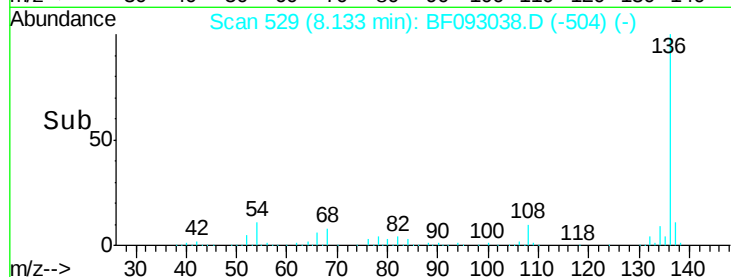
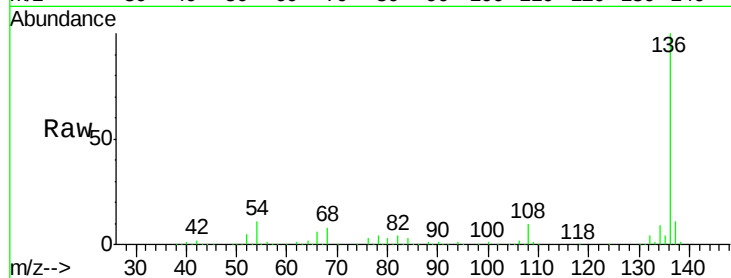




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093038.D
Acq: 20 Feb 2017 19:48

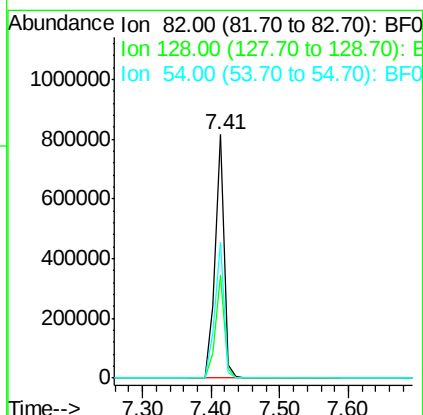
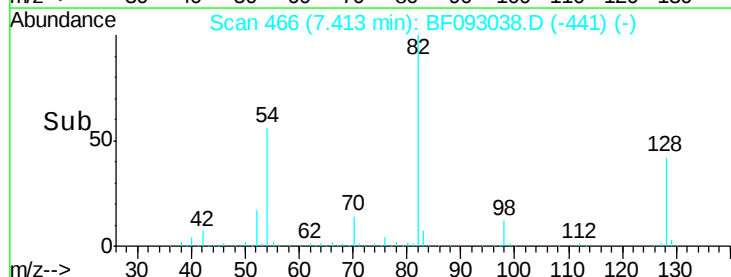
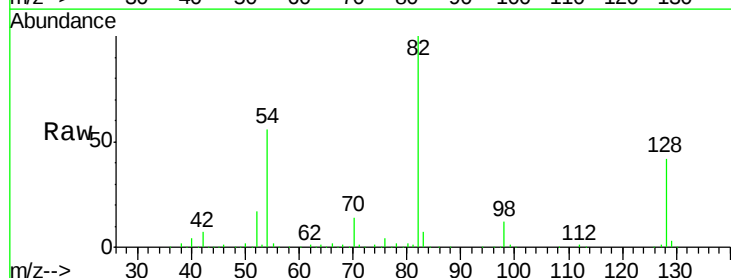
Instrument :
BNA_F
ClientSampleId :
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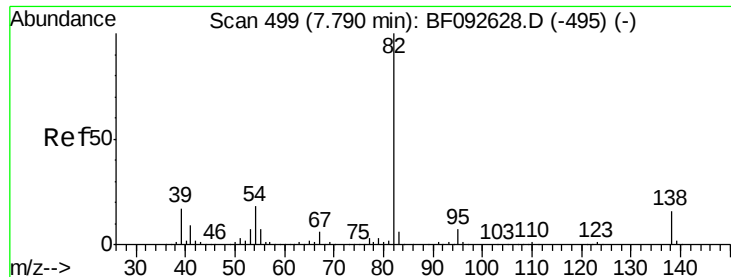
Tgt Ion:	136	Resp:	644390
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.9	4.5	6.7#
68	7.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 66.33 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093038.D
Acq: 20 Feb 2017 19:48

Tgt Ion:	82	Resp:	767564
Ion	Ratio	Lower	Upper
82	100		
128	42.2	34.6	52.0
54	55.7	39.5	59.3

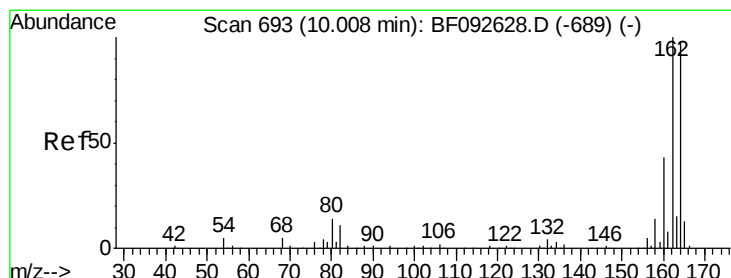
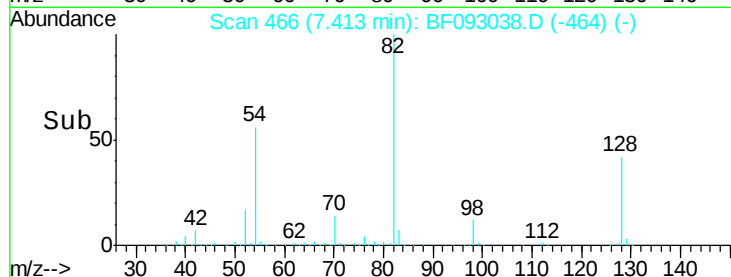
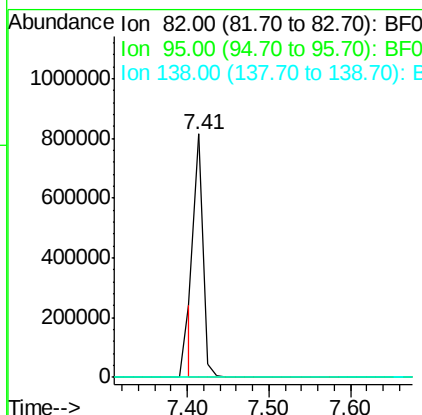
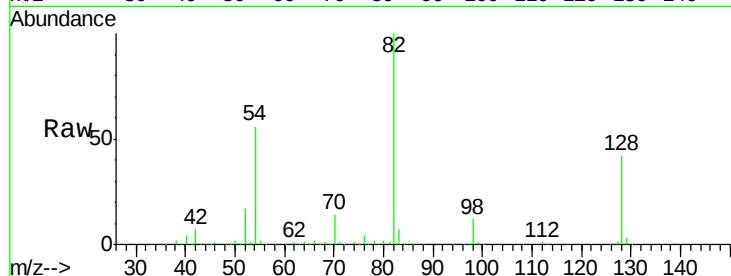




#25
Isophorone
Concen: 27.90 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.27 min
Lab File: BF093038.D
Acq: 20 Feb 2017 19:48

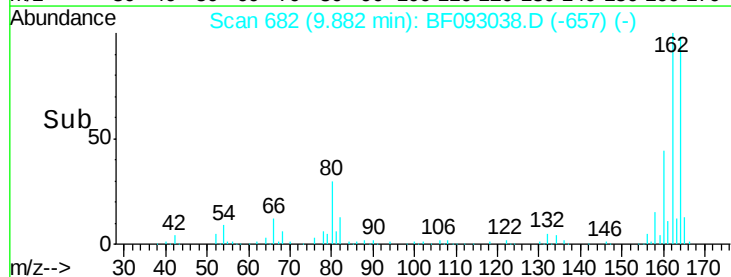
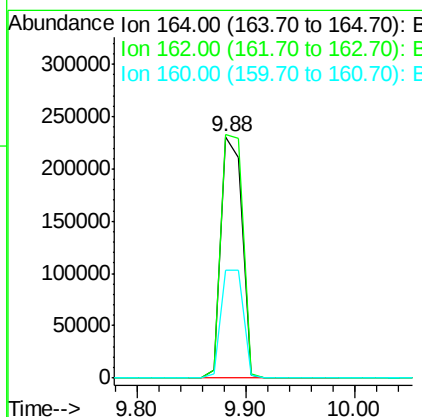
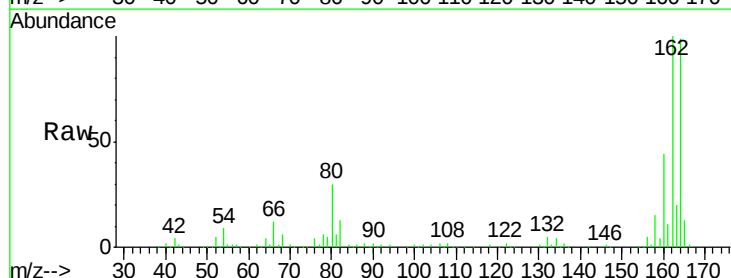
Instrument :
BNA_F
ClientSampleId :
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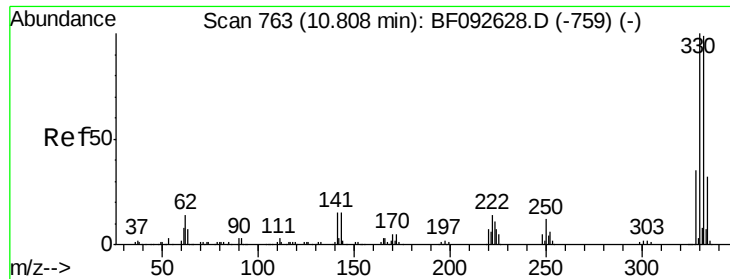
Tgt Ion: 82 Resp: 601533
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093038.D
Acq: 20 Feb 2017 19:48

Tgt Ion: 164 Resp: 311858
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.5 36.9 55.3

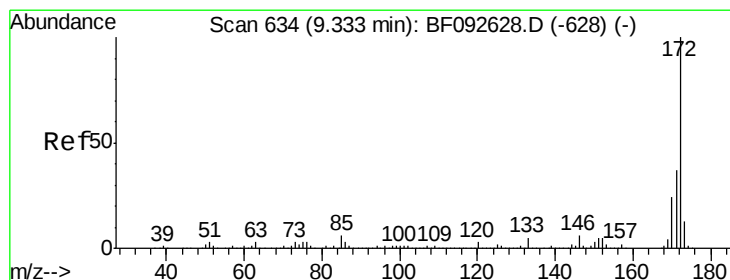
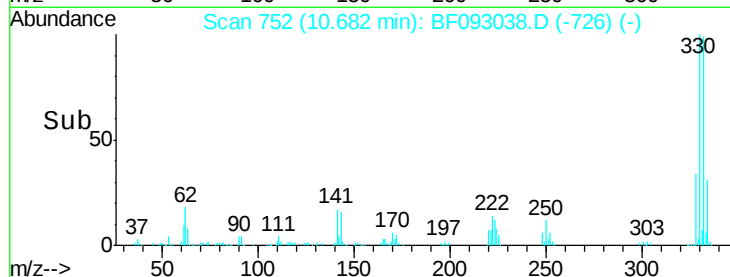
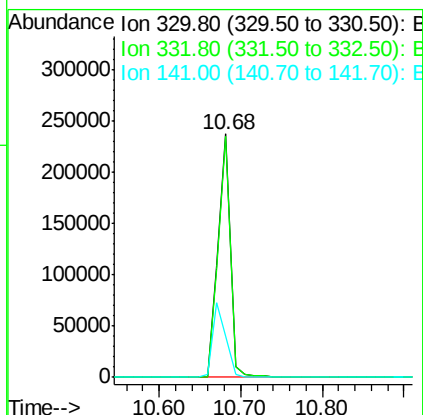
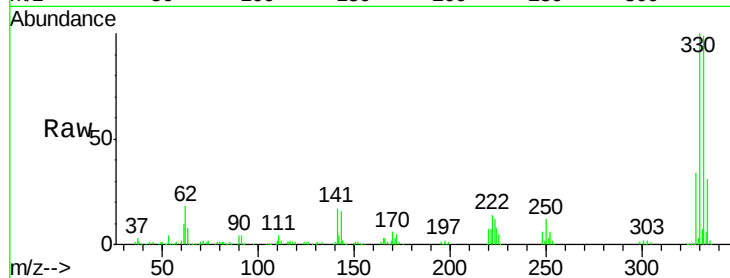




#41
 2,4,6-Tribromophenol
 Concen: 111.79 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093038.D
 Acq: 20 Feb 2017 19:48

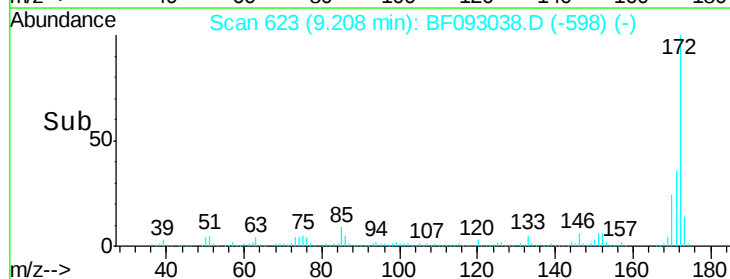
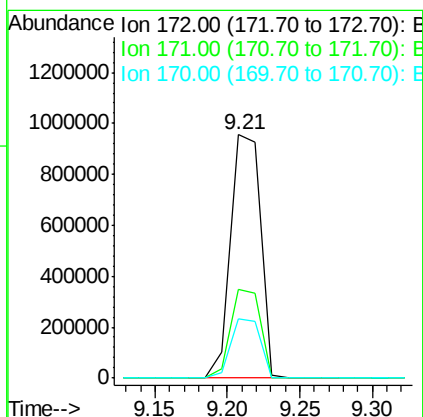
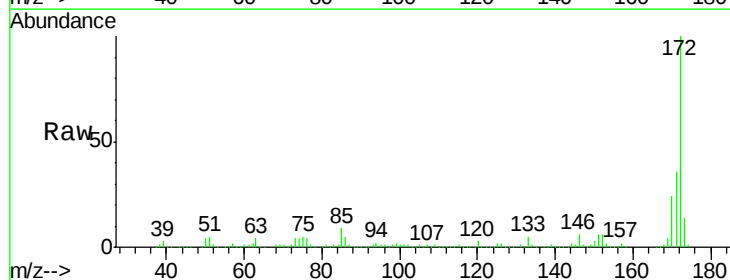
Instrument :
 BNA_F
 ClientSampleId :
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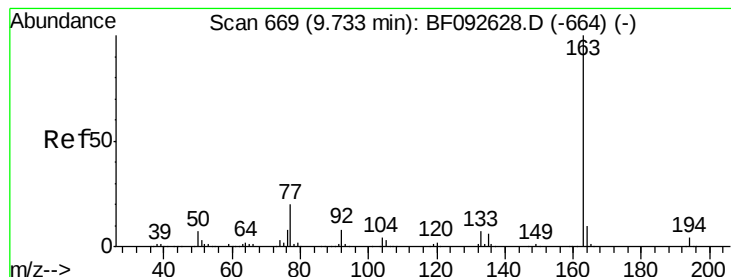
Tgt Ion:330 Resp: 252141
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 33.2 34.1 51.1#



#44
 2-Fluorobiphenyl
 Concen: 79.80 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093038.D
 Acq: 20 Feb 2017 19:48

Tgt Ion:172 Resp: 1373627
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.3 20.2 30.4





#49

Dimethylphthalate

Concen: 8.46 ng

RT: 9.61 min Scan# 658

Delta R.T. -0.01 min

Lab File: BF093038.D

Acq: 20 Feb 2017 19:48

Instrument :

BNA_F

ClientSampleId :

CORBETT-SE

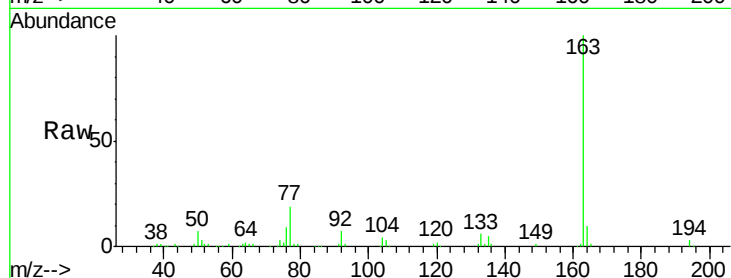
Tgt Ion:163 Resp: 177777

Ion Ratio Lower Upper

163 100

194 3.3 3.0 4.4

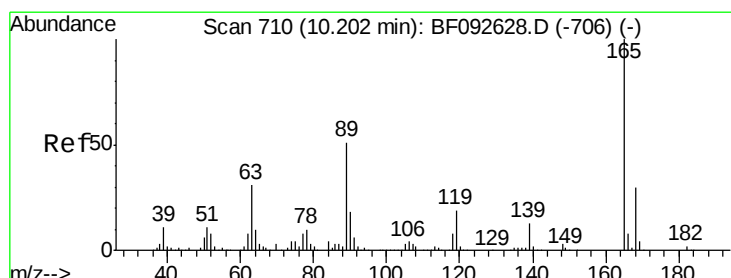
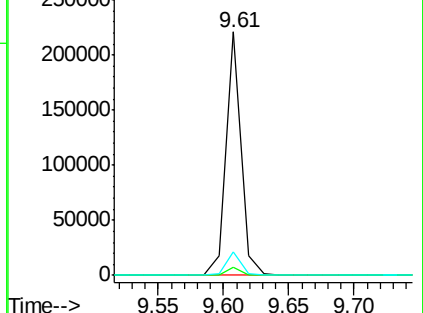
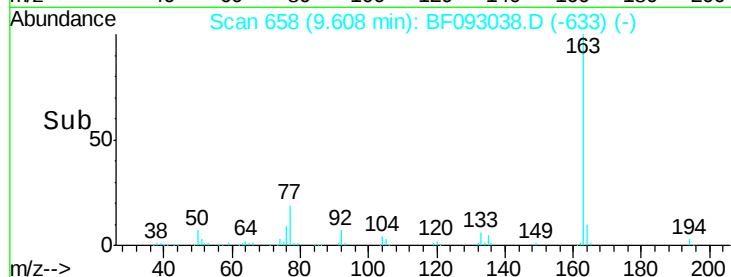
164 9.7 8.0 12.0



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: 6.47 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.21 min

Lab File: BF093038.D

Acq: 20 Feb 2017 19:48

Tgt Ion:165 Resp: 39095

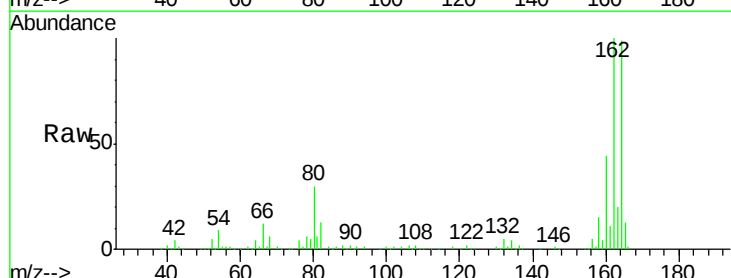
Ion Ratio Lower Upper

165 100

63 1.3 40.2 60.4#

89 1.1 62.5 93.7#

182 0.0 1.8 2.8#

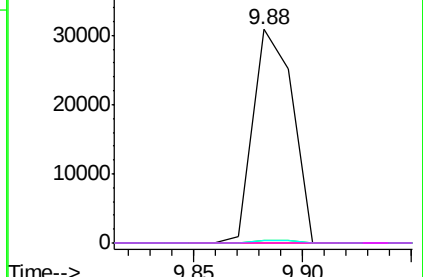
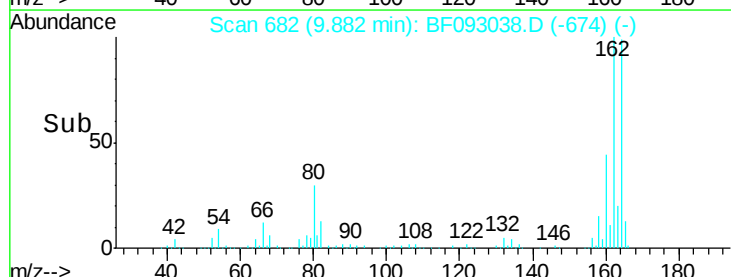


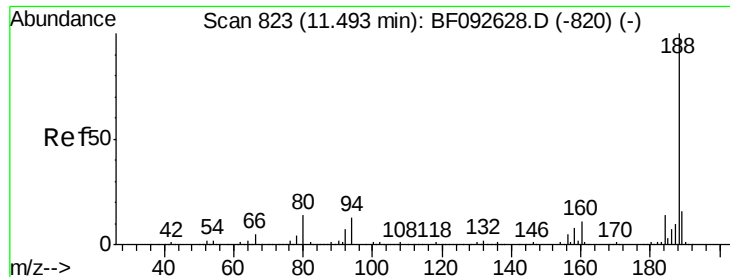
Abundance Ion 165.00 (164.70 to 165.70): E

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

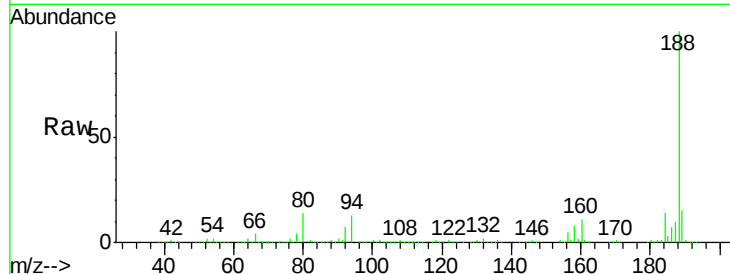




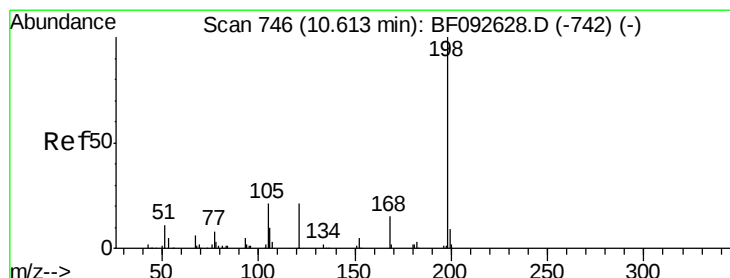
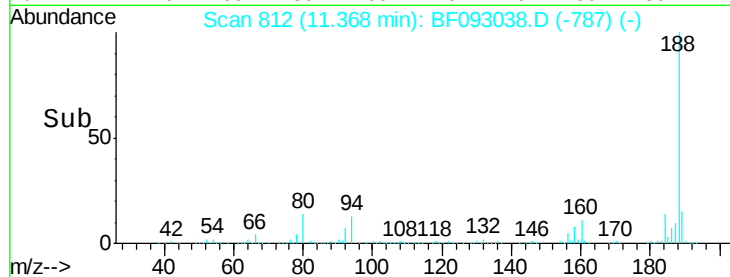
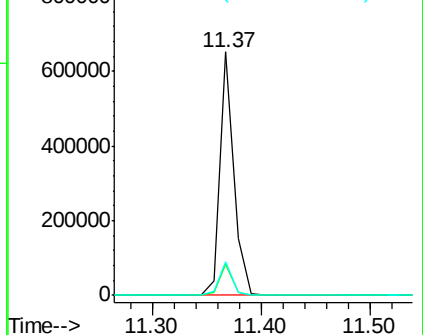
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093038.D
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Tgt Ion:188 Resp: 584709
Ion Ratio Lower Upper
188 100
94 13.0 10.0 15.0
80 13.8 11.2 16.8

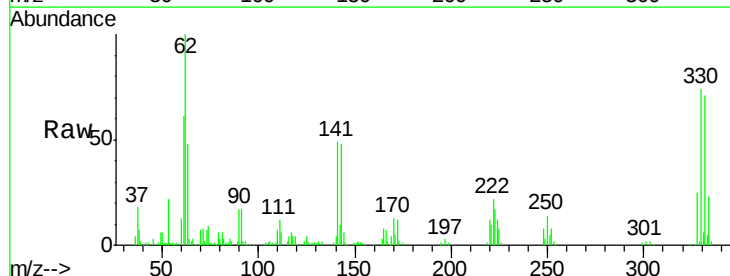


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

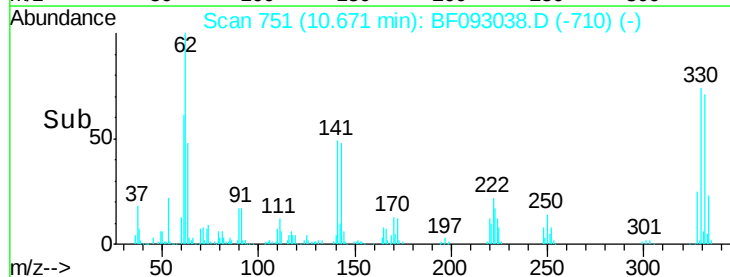
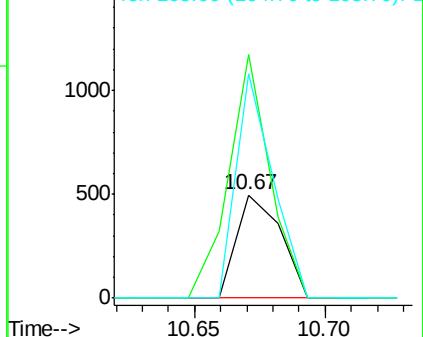


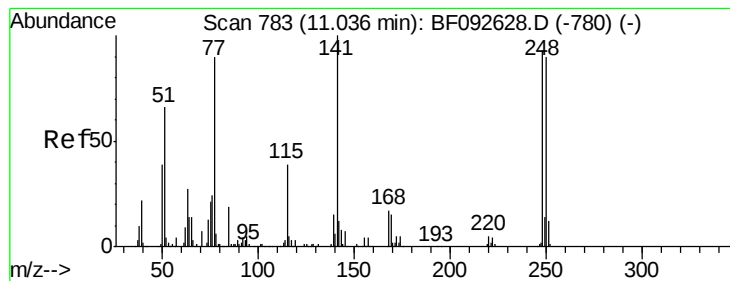
#64
4,6-Dinitro-2-methylphenol
Concen: 2.82 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.17 min
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Tgt Ion:198 Resp: 588
Ion Ratio Lower Upper
198 100
51 235.8 6.7 46.7#
105 217.7 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E





#66

4-Bromophenyl-phenylether

Concen: 2.91 ng

RT: 10.68 min Scan# 752

Delta R.T. -0.24 min

Lab File: BF093038.D

Acq: 20 Feb 2017 19:48

Instrument :

BNA_F

ClientSampleId :

CORBETT-SE

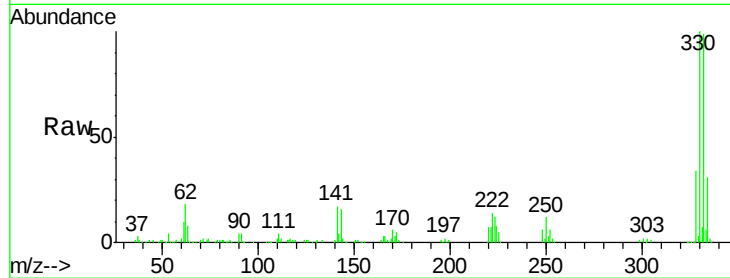
Tgt Ion:248 Resp: 17768

Ion Ratio Lower Upper

248 100

250 215.5 76.9 115.3#

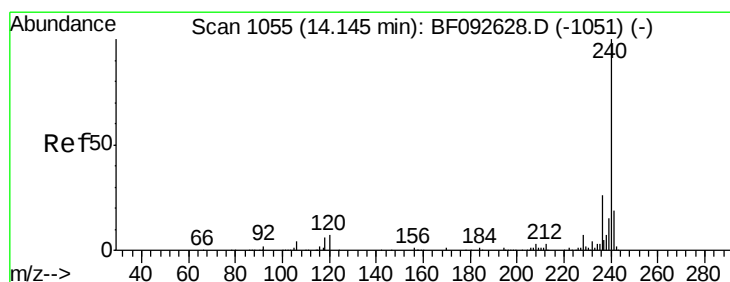
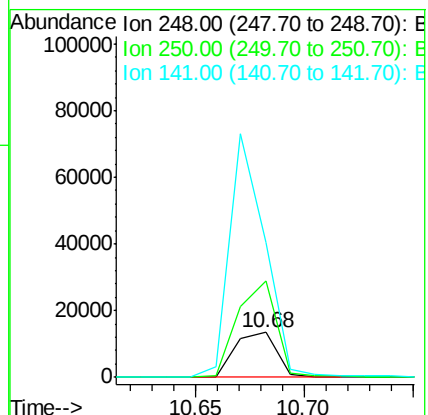
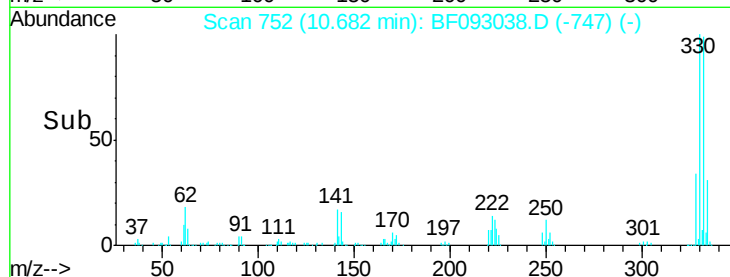
141 300.6 68.2 102.4#



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: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093038.D

Acq: 20 Feb 2017 19:48

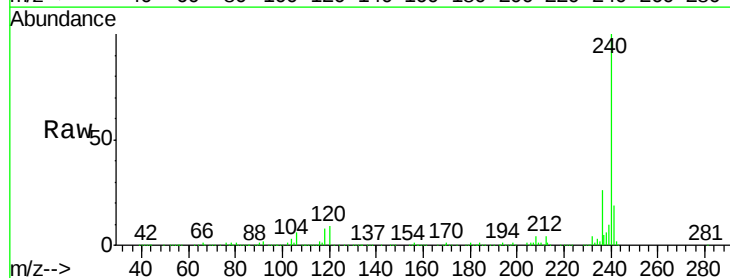
Tgt Ion:240 Resp: 584320

Ion Ratio Lower Upper

240 100

120 9.5 12.9 19.3#

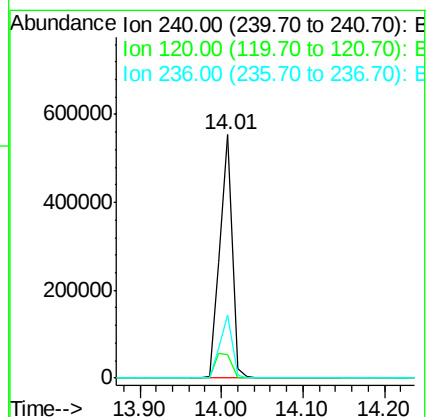
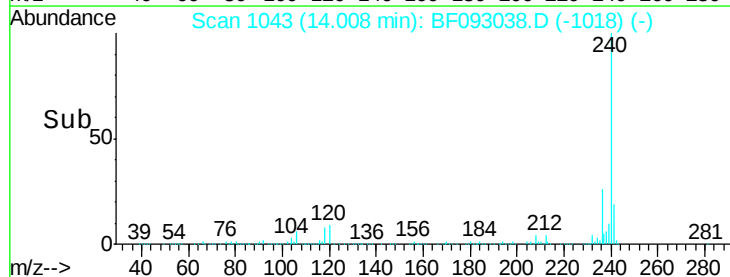
236 25.9 20.9 31.3

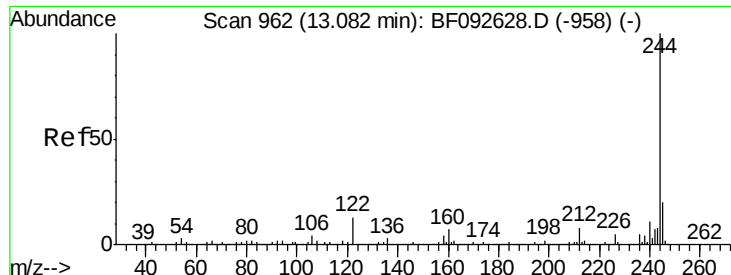


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 49.55 ng

RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093038.D

Acq: 20 Feb 2017 19:48

Instrument :

BNA_F

ClientSampleId :

CORBETT-SE

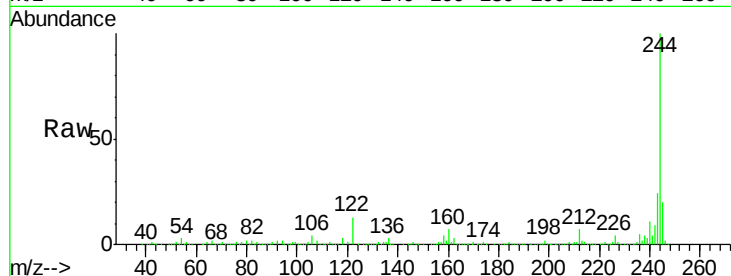
Tgt Ion:244 Resp: 1232197

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

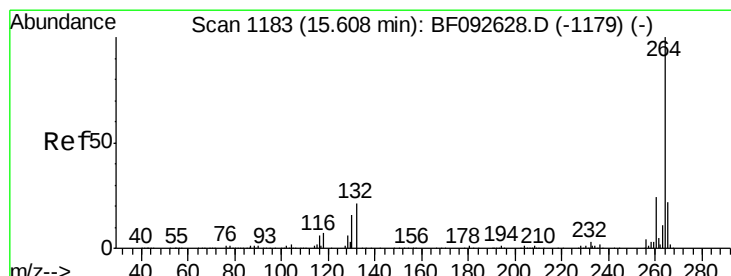
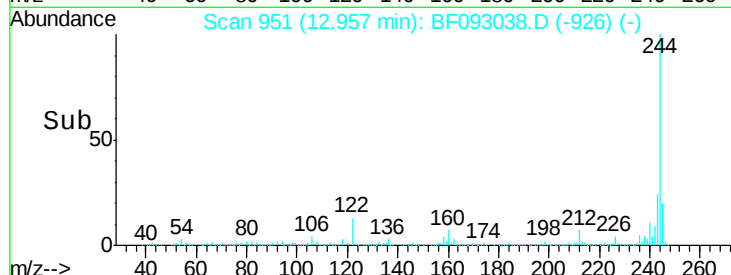
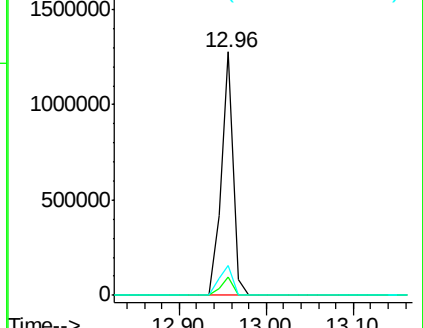
122 12.5 11.4 17.2



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: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093038.D

Acq: 20 Feb 2017 19:48

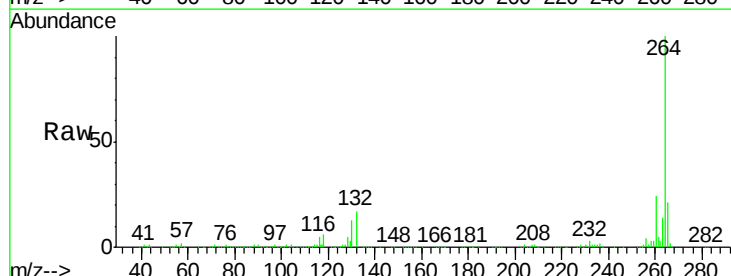
Tgt Ion:264 Resp: 462413

Ion Ratio Lower Upper

264 100

260 23.6 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

