

Data File : BF093216.D
Acq On : 27 Feb 2017 20:40
Operator : SJ/MA
Sample : I1996-06
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-AA6-SWW

Quant Time: Feb 27 23:53:22 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	6.82	152	166662	20.00	ng	-0.03
21) Naphthalene-d8	8.10	136	652101	20.00	ng	-0.05
38) Acenaphthene-d10	9.86	164	319614	20.00	ng	-0.03
63) Phenanthrene-d10	11.34	188	612790	20.00	ng	-0.03
75) Chrysene-d12	13.99	240	528500	20.00	ng	-0.03
86) Perylene-d12	15.41	264	412358	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1224185	126.02	ng	-0.02
7) Phenol-d6	6.46	99	1731989	138.57	ng	-0.02
23) Nitrobenzene-d5	7.39	82	1090088	93.09	ng	-0.03
41) 2,4,6-Tribromophenol	10.65	330	326108	141.07	ng	-0.03
44) 2-Fluorobiphenyl	9.18	172	1662983	94.26	ng	-0.03
78) Terphenyl-d14	12.93	244	1331091	59.18	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.39	70	141498	17.78	ng	# 74
25) Isophorone	7.39	82	1021366	46.81	ng	# 65
49) Dimethylphthalate	9.57	163	479348	22.27	ng	99
56) 2,4-Dinitrotoluene	9.86	165	39893	6.45	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.65	198	497	2.79	ng	# 1
66) 4-Bromophenyl-phenylether	10.65	248	22360	3.49	ng	# 1

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

Data File : BF093216.D

Acq On : 27 Feb 2017 20:40

Operator : SJ/MA

Sample : I1996-06

Misc :

ALS Vial : 5 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

E2-AA6-SWW

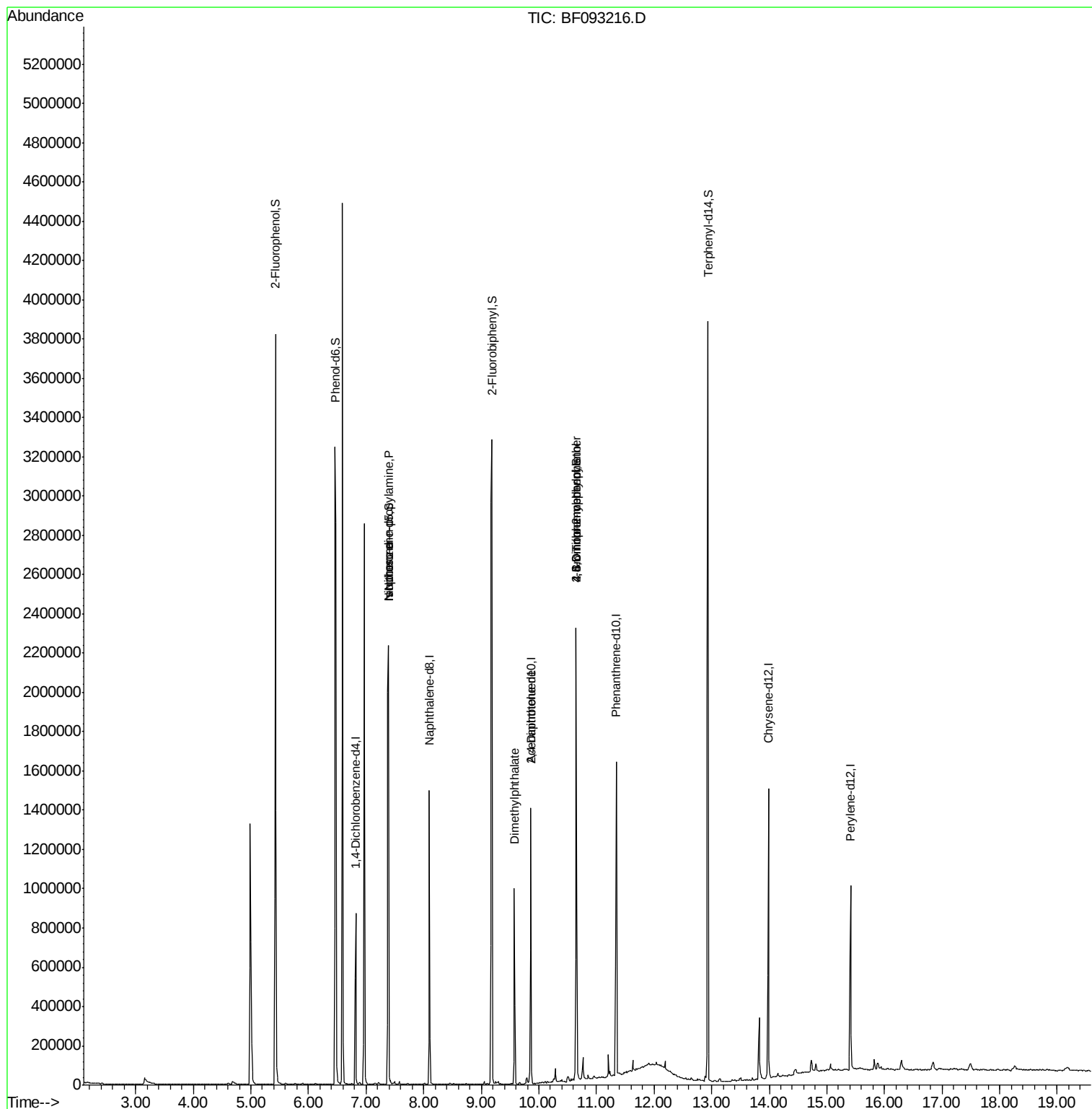
Quant Time: Feb 27 23:53:22 2017

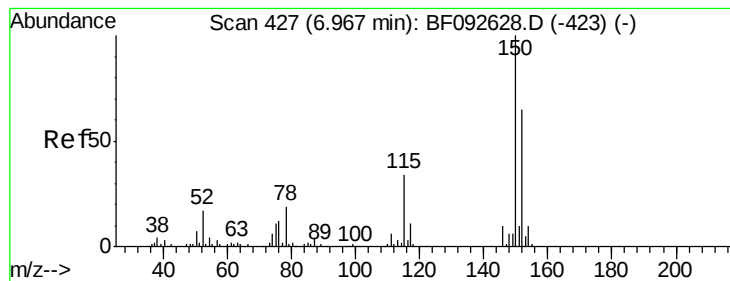
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

Response via : Initial Calibration

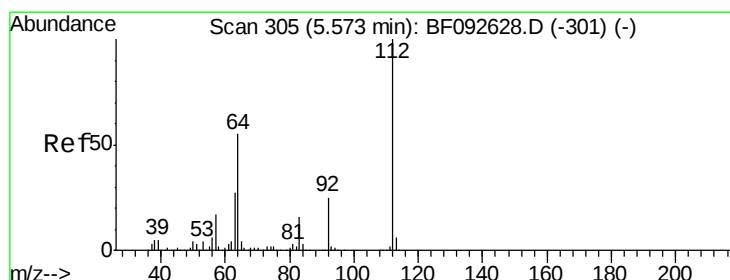
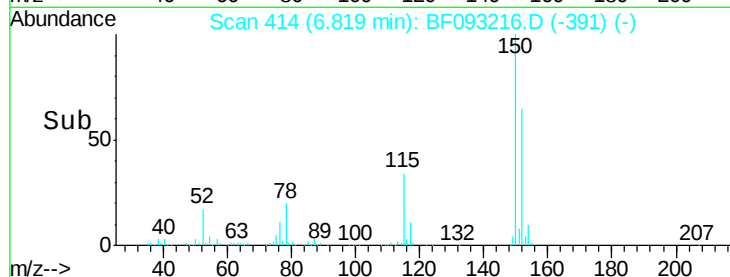
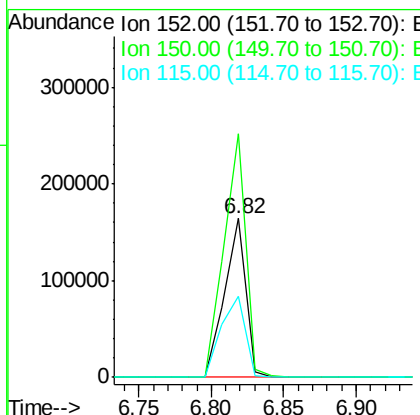
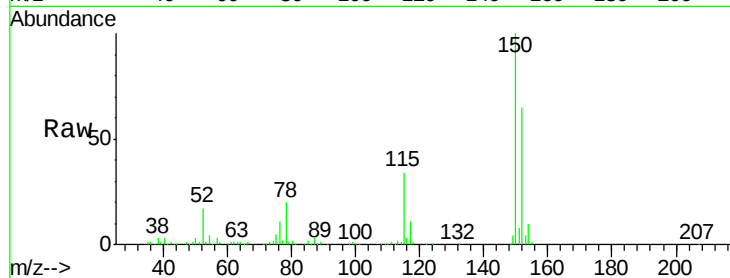




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.82 min Scan# 414
 Delta R.T. -0.03 min
 Lab File: BF093216.D
 Acq: 27 Feb 2017 20:40

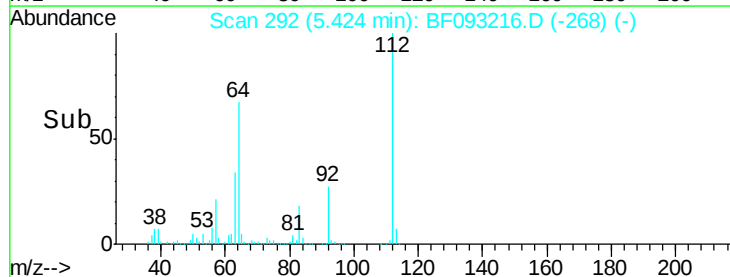
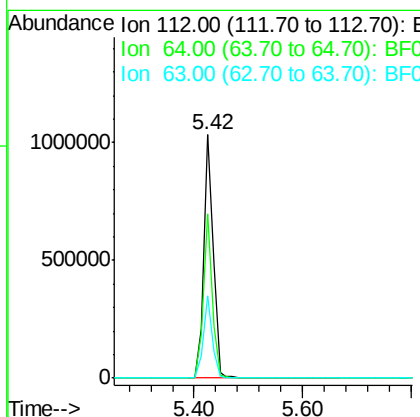
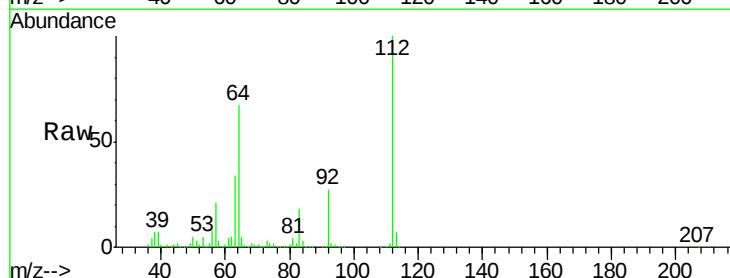
Instrument :
 BNA_F
 ClientSampleId :
 E2-AA6-SWW

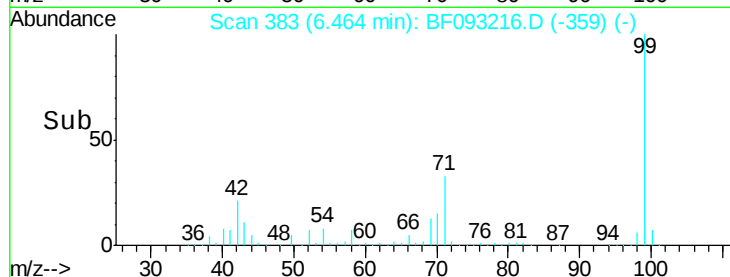
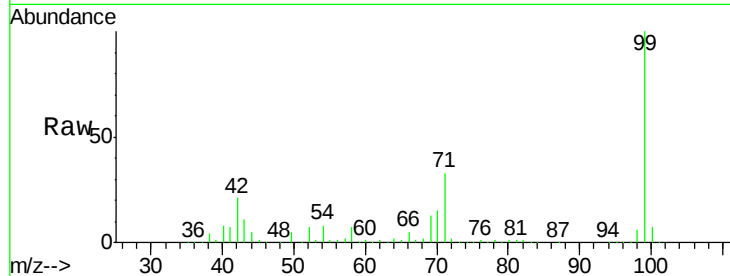
Tgt Ion:152 Resp: 166662
 Ion Ratio Lower Upper
 152 100
 150 153.1 124.9 187.3
 115 51.4 46.0 69.0



#5
 2-Fluorophenol
 Concen: 126.02 ng
 RT: 5.42 min Scan# 292
 Delta R.T. -0.02 min
 Lab File: BF093216.D
 Acq: 27 Feb 2017 20:40

Tgt Ion:112 Resp: 1224185
 Ion Ratio Lower Upper
 112 100
 64 67.3 46.1 69.1
 63 33.7 23.8 35.6





#7

Phenol-d6

Concen: 138.57 ng

RT: 6.46 min Scan# 383

Delta R.T. -0.02 min

Lab File: BF093216.D

Acq: 27 Feb 2017 20:40

Instrument :

BNA_F

ClientSampleId :

E2-AA6-SWW

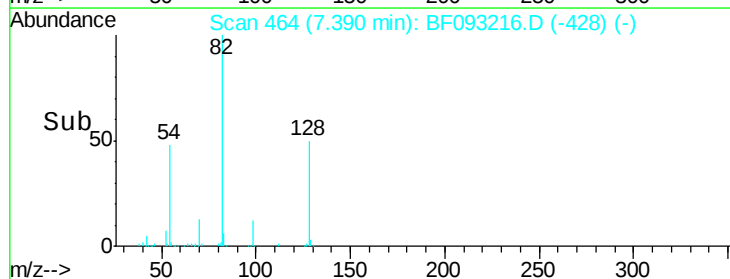
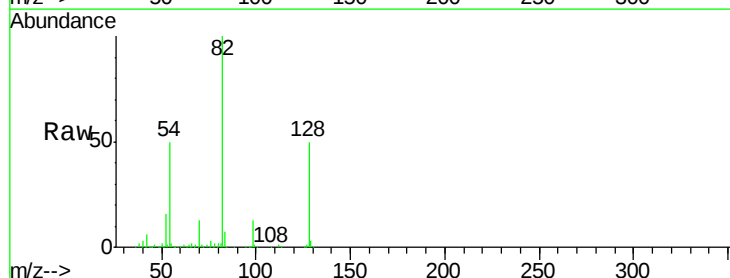
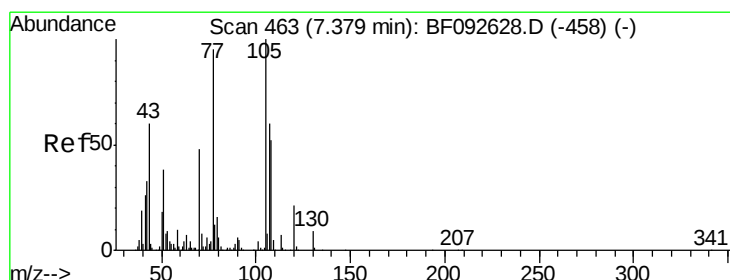
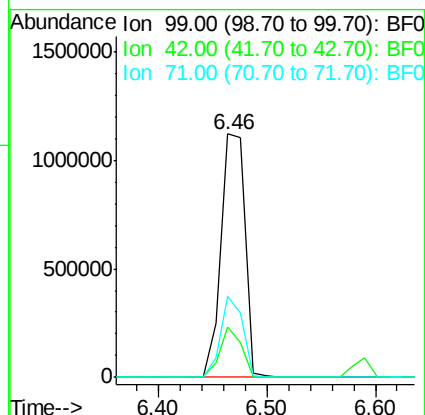
Tgt Ion: 99 Resp: 1731989

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

71 33.4 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.78 ng

RT: 7.39 min Scan# 464

Delta R.T. 0.11 min

Lab File: BF093216.D

Acq: 27 Feb 2017 20:40

Tgt Ion: 70 Resp: 141498

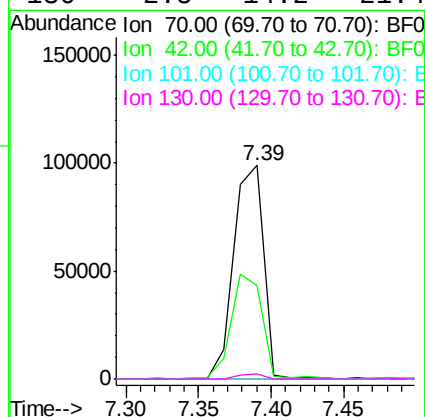
Ion Ratio Lower Upper

70 100

42 43.8 49.4 74.0#

101 0.0 7.4 11.2#

130 2.5 14.2 21.4#

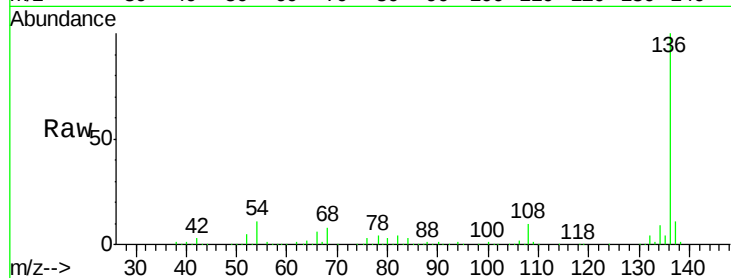




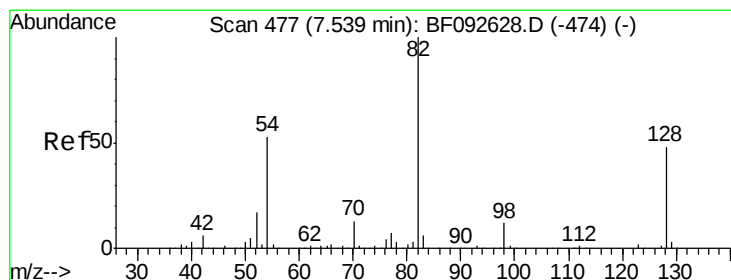
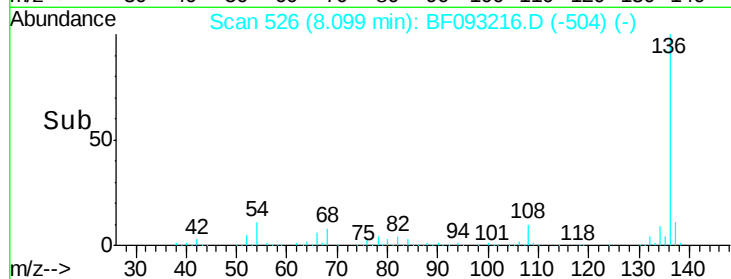
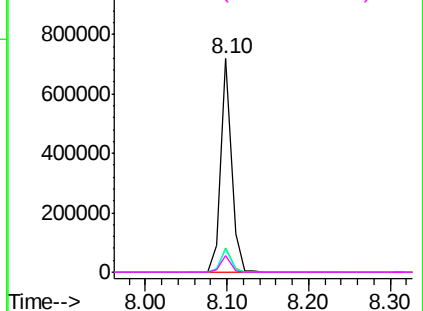
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.10 min Scan# 526
Delta R.T. -0.05 min
Lab File: BF093216.D
Acq: 27 Feb 2017 20:40

Instrument :
BNA_F
ClientSampleId :
E2-AA6-SWW

Tgt Ion:	136	Resp:	652101
Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.4	12.6
54	10.9	4.5	6.7#
68	7.6	3.6	5.4#

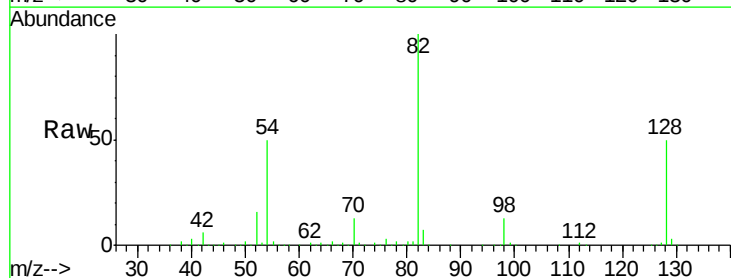


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

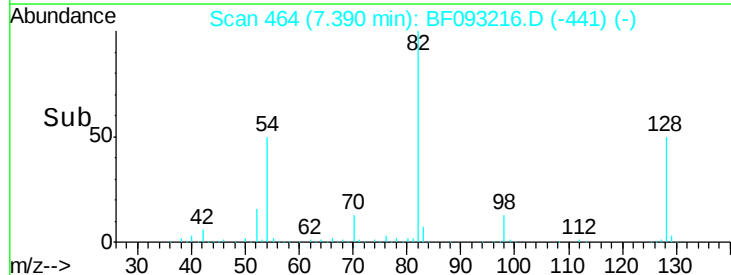
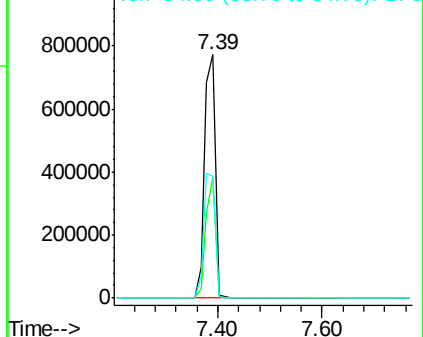


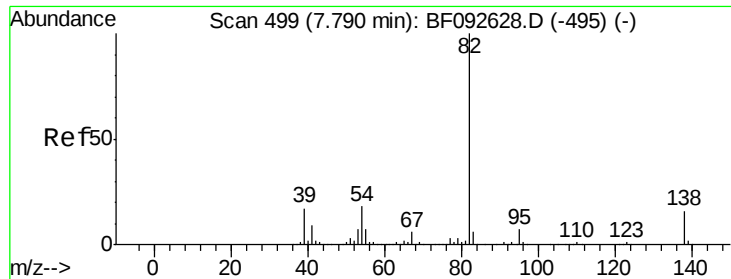
#23
Nitrobenzene-d5
Concen: 93.09 ng
RT: 7.39 min Scan# 464
Delta R.T. -0.03 min
Lab File: BF093216.D
Acq: 27 Feb 2017 20:40

Tgt Ion:	82	Resp:	1090088
Ion	Ratio	Lower	Upper
82	100		
128	49.5	34.6	52.0
54	49.9	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: 46.81 ng

RT: 7.39 min Scan# 464

Delta R.T. -0.30 min

Lab File: BF093216.D

Acq: 27 Feb 2017 20:40

Instrument :

BNA_F

ClientSampleId :

E2-AA6-SWW

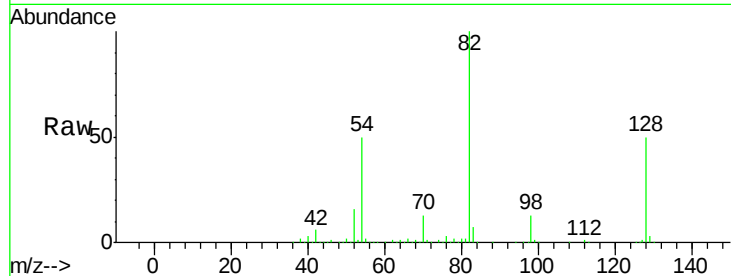
Tgt Ion: 82 Resp: 1021366

Ion Ratio Lower Upper

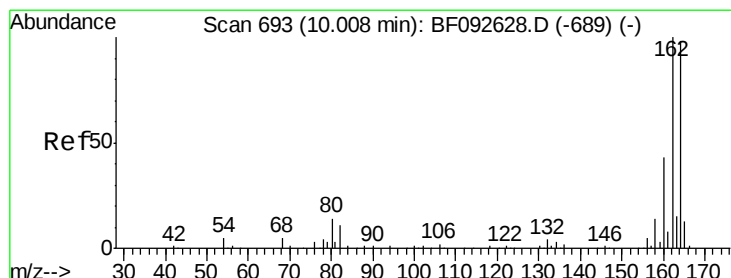
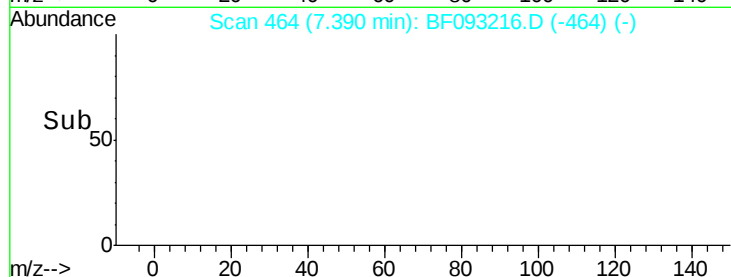
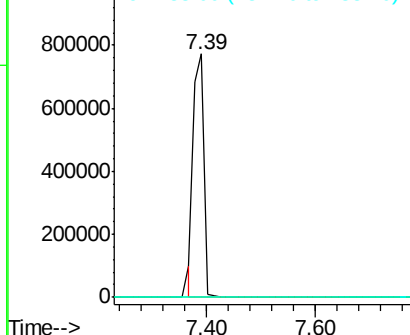
82 100

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: 9.86 min Scan# 680

Delta R.T. -0.03 min

Lab File: BF093216.D

Acq: 27 Feb 2017 20:40

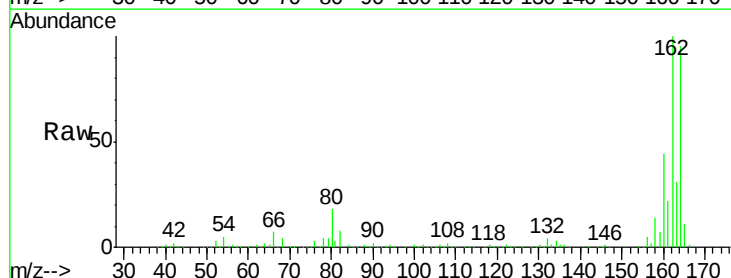
Tgt Ion:164 Resp: 319614

Ion Ratio Lower Upper

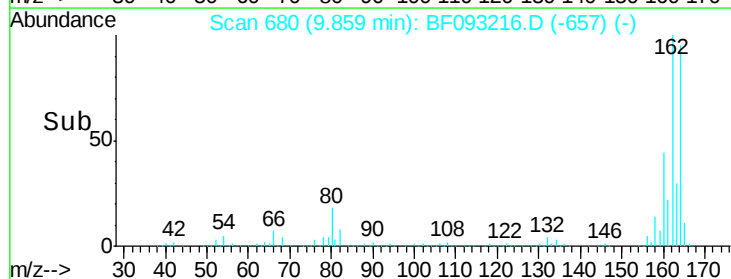
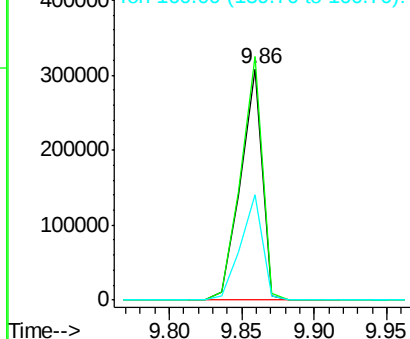
164 100

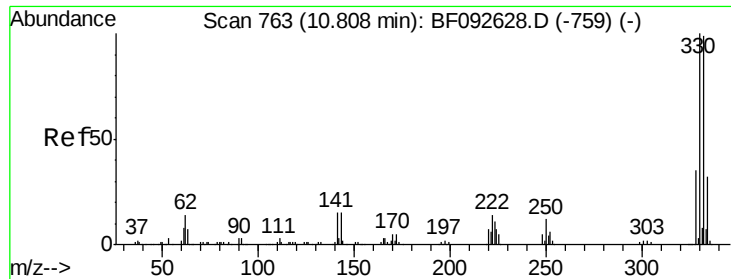
162 105.4 80.2 120.2

160 45.8 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

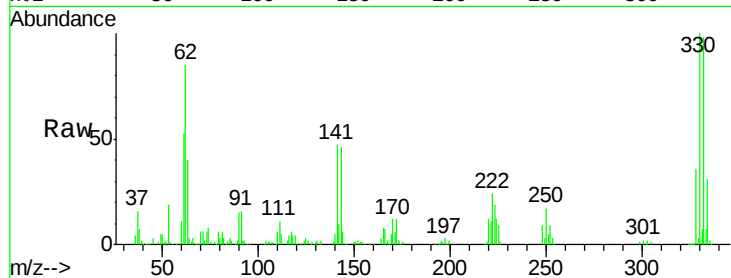




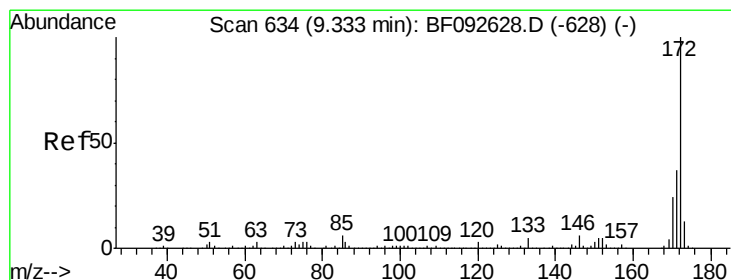
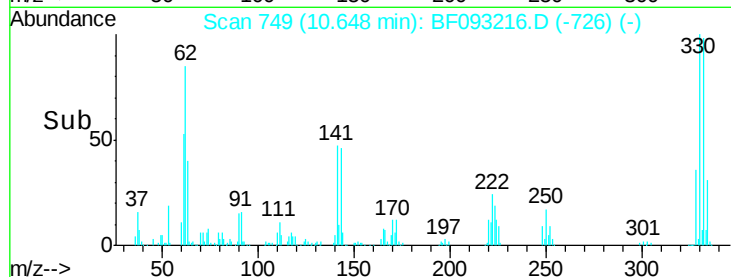
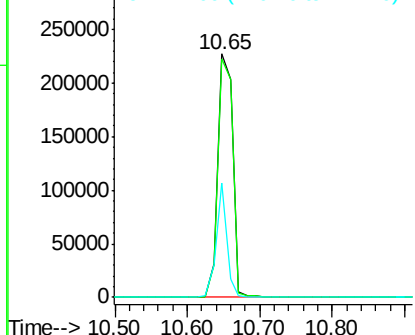
#41
 2,4,6-Tribromophenol
 Concen: 141.07 ng
 RT: 10.65 min Scan# 749
 Delta R.T. -0.03 min
 Lab File: BF093216.D
 Acq: 27 Feb 2017 20:40

Instrument :
 BNA_F
 ClientSampleId :
 E2-AA6-SWW

Tgt Ion:330 Resp: 326108
 Ion Ratio Lower Upper
 330 100
 332 98.5 77.4 116.2
 141 33.5 34.1 51.1#

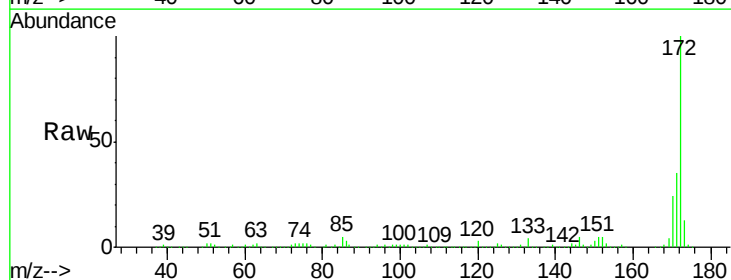


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

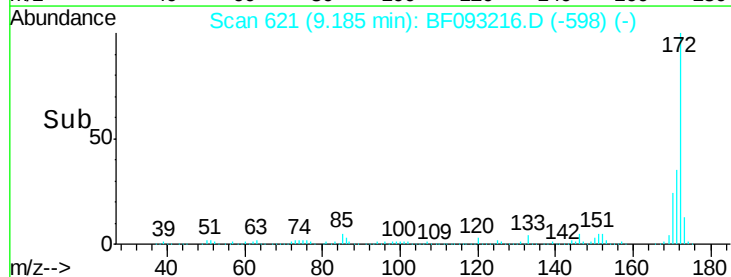
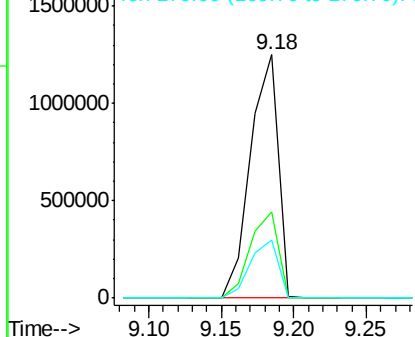


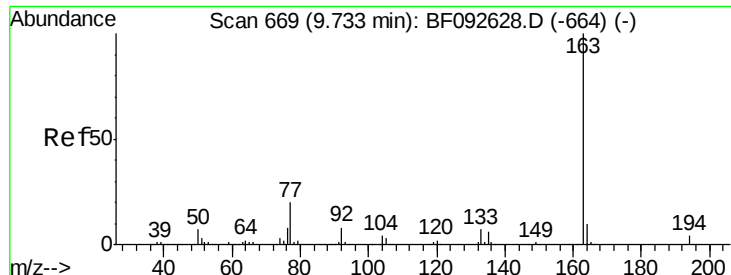
#44
 2-Fluorobiphenyl
 Concen: 94.26 ng
 RT: 9.18 min Scan# 621
 Delta R.T. -0.03 min
 Lab File: BF093216.D
 Acq: 27 Feb 2017 20:40

Tgt Ion:172 Resp: 1662983
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.4 44.0
 170 24.0 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

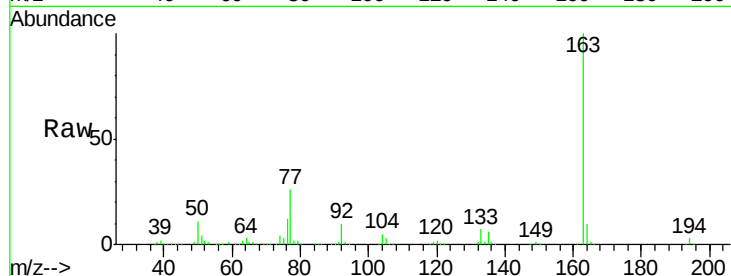




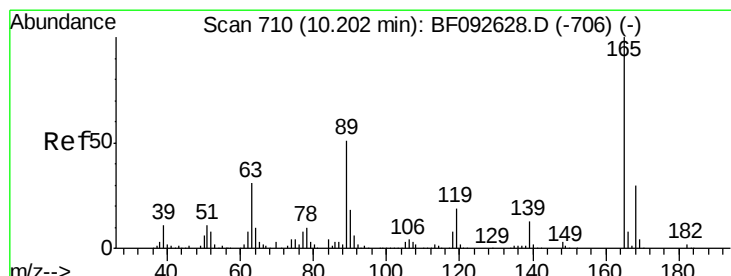
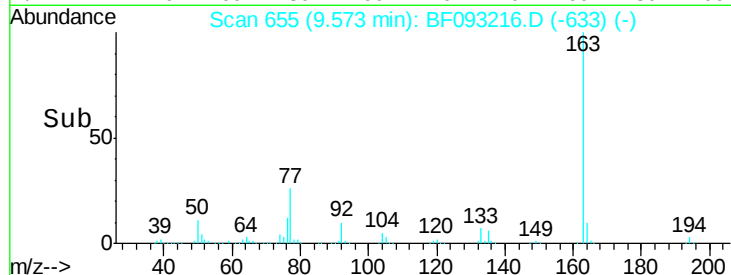
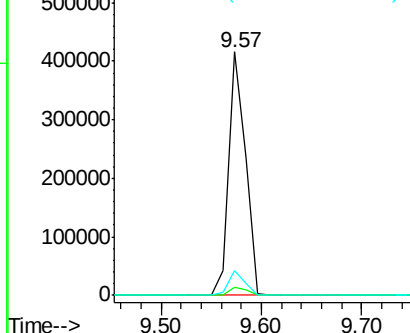
#49
Dimethylphthalate
Concen: 22.27 ng
RT: 9.57 min Scan# 655
Delta R.T. -0.05 min
Lab File: BF093216.D
Acq: 27 Feb 2017 20:40

Instrument :
BNA_F
ClientSampleId :
E2-AA6-SWW

Tgt Ion:163 Resp: 479348
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.3 8.0 12.0

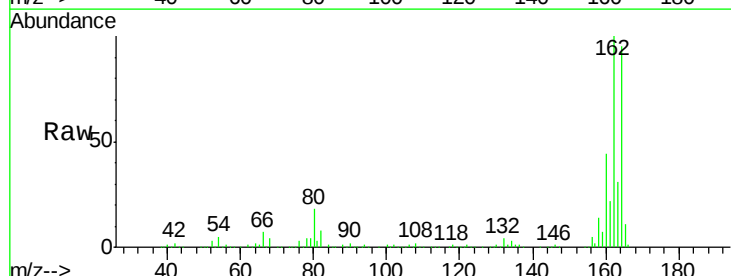


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

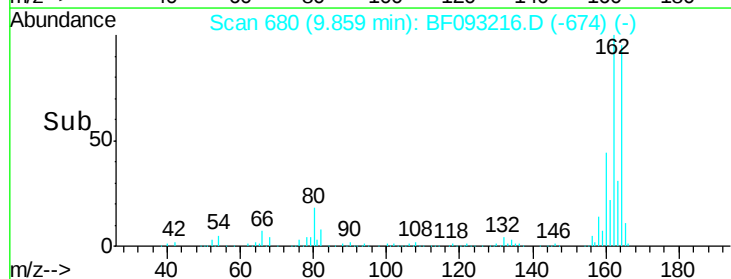
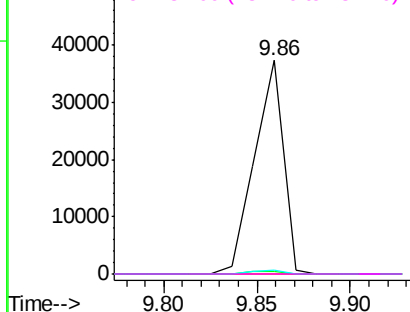


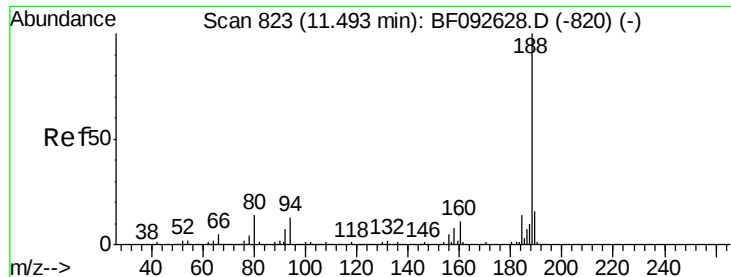
#56
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.86 min Scan# 680
Delta R.T. -0.23 min
Lab File: BF093216.D
Acq: 27 Feb 2017 20:40

Tgt Ion:165 Resp: 39893
Ion Ratio Lower Upper
165 100
63 1.4 40.2 60.4#
89 1.9 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

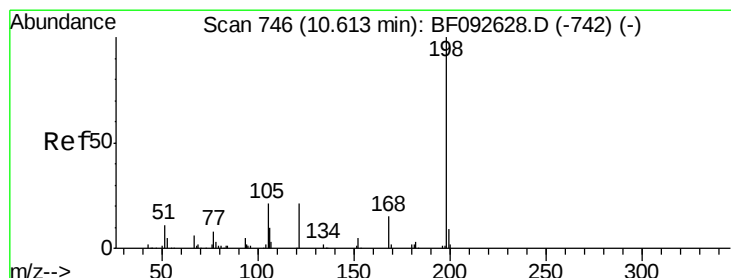
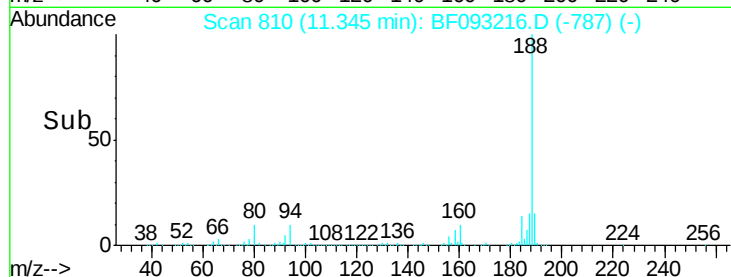
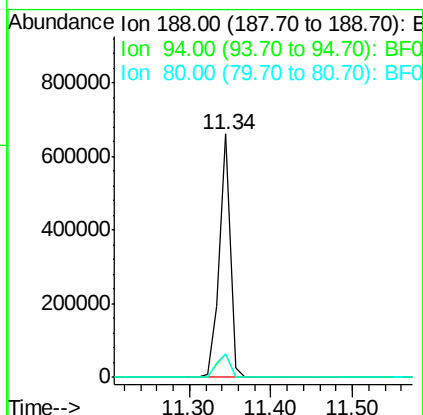
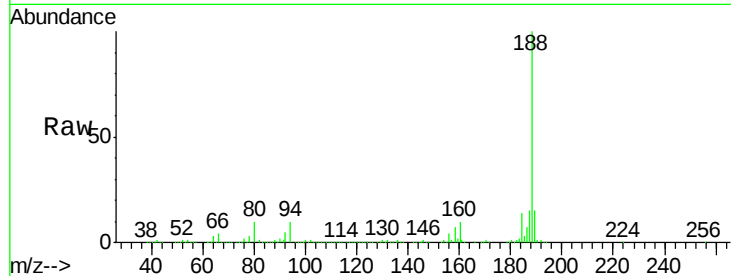




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.34 min Scan# 810
Delta R.T. -0.03 min
Lab File: BF093216.D
Acq: 27 Feb 2017 20:40

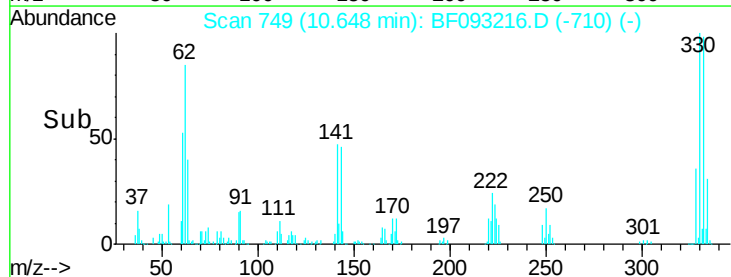
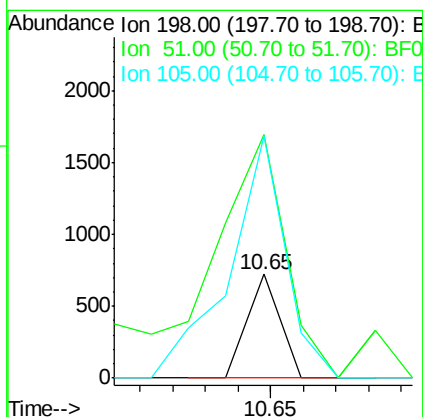
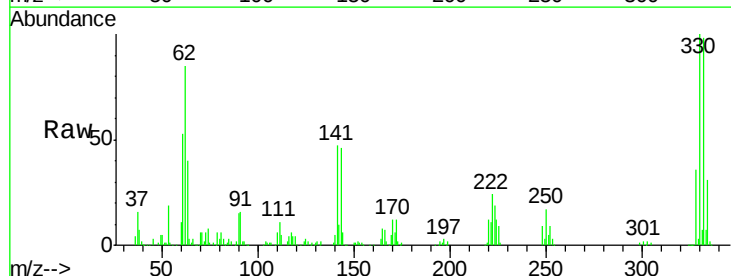
Instrument :
BNA_F
ClientSampleId :
E2-AA6-SWW

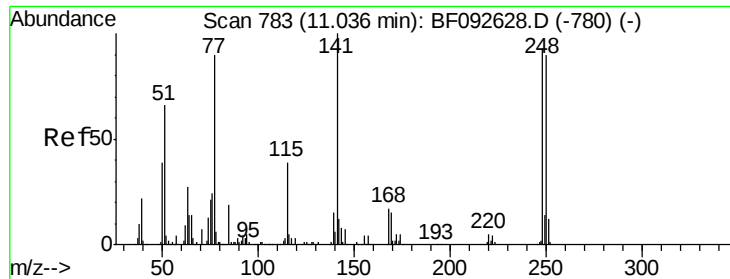
Tgt Ion:188 Resp: 612790
Ion Ratio Lower Upper
188 100
94 9.6 10.0 15.0#
80 9.7 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.79 ng
RT: 10.65 min Scan# 749
Delta R.T. 0.15 min
Lab File: BF093216.D
Acq: 27 Feb 2017 20:40

Tgt Ion:198 Resp: 497
Ion Ratio Lower Upper
198 100
51 234.0 6.7 46.7#
105 233.0 16.6 56.6#

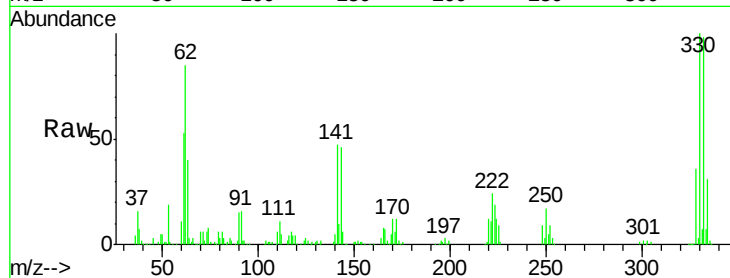




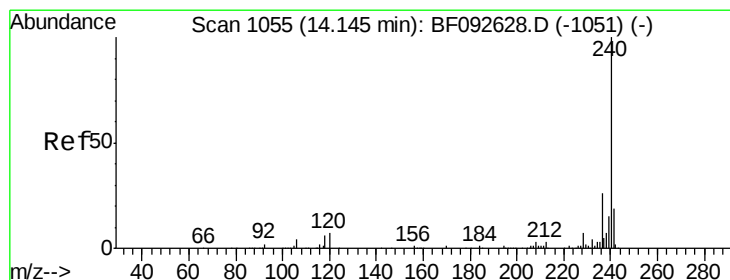
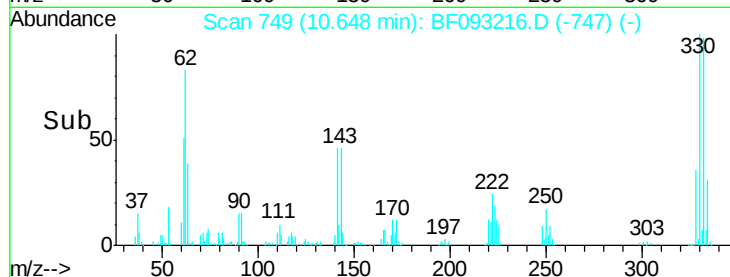
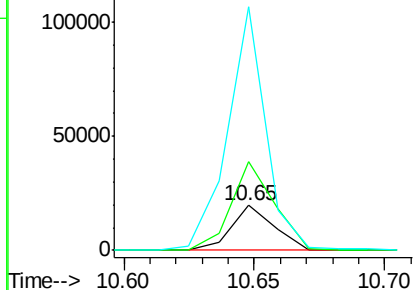
#66
4-Bromophenyl-phenylether
Concen: 3.49 ng
RT: 10.65 min Scan# 749
Delta R.T. -0.27 min
Lab File: BF093216.D
Acq: 27 Feb 2017 20:40

Instrument :
BNA_F
ClientSampleId :
E2-AA6-SWW

Tgt Ion:248 Resp: 22360
Ion Ratio Lower Upper
248 100
250 197.4 76.9 115.3#
141 544.1 68.2 102.4#

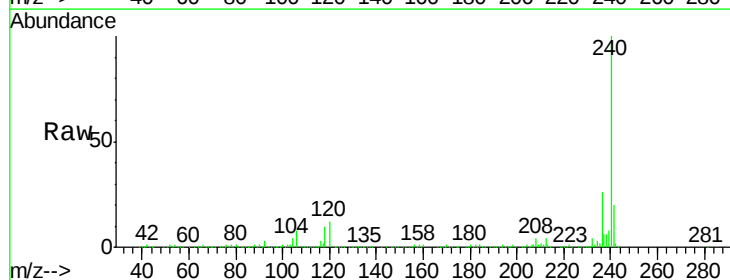


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

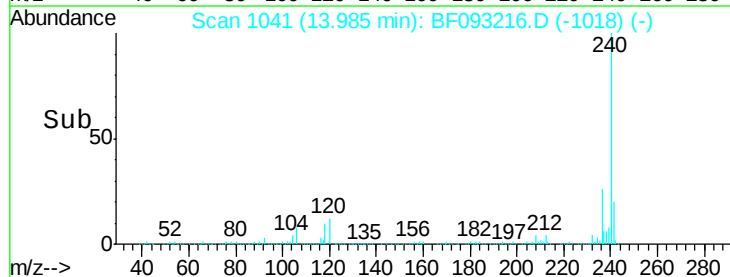
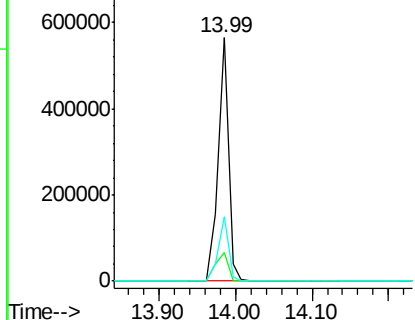


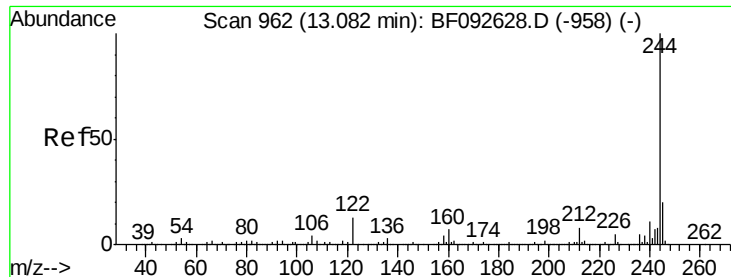
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1041
Delta R.T. -0.03 min
Lab File: BF093216.D
Acq: 27 Feb 2017 20:40

Tgt Ion:240 Resp: 528500
Ion Ratio Lower Upper
240 100
120 11.9 12.9 19.3#
236 26.5 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: 59.18 ng

RT: 12.93 min Scan# 949

Delta R.T. -0.03 min

Lab File: BF093216.D

Acq: 27 Feb 2017 20:40

Instrument :

BNA_F

ClientSampleId :

E2-AA6-SWW

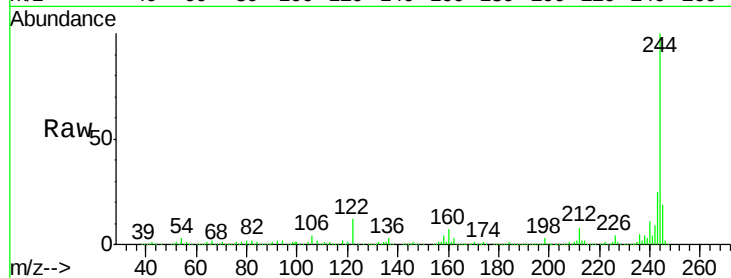
Tgt Ion:244 Resp: 1331091

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

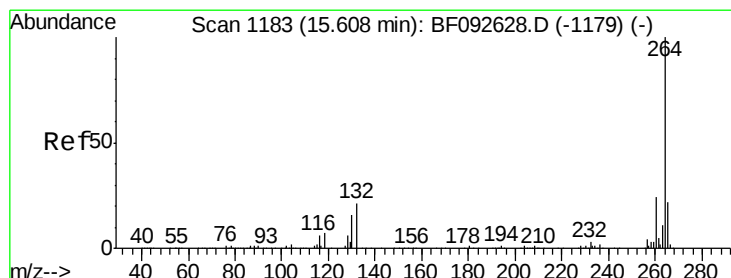
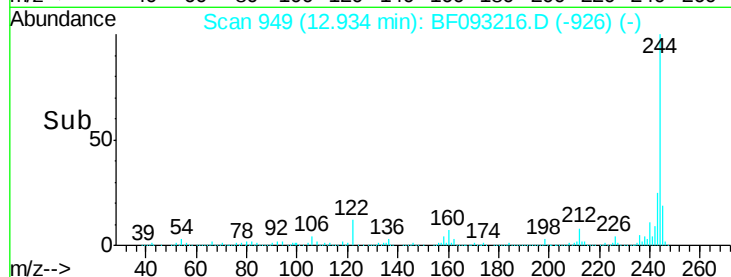
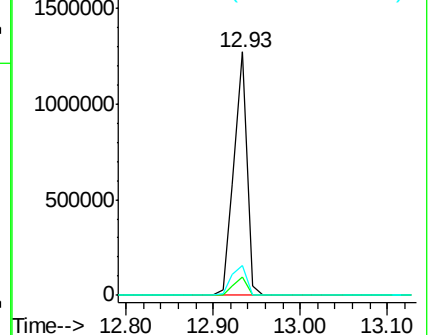
122 12.3 11.4 17.2



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: BF093216.D

Acq: 27 Feb 2017 20:40

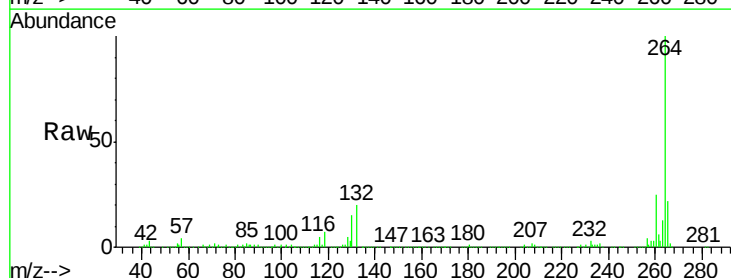
Tgt Ion:264 Resp: 412358

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 21.8 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

