

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093366.D
 Acq On : 3 Mar 2017 18:44
 Operator : SJ/MA
 Sample : PB97309BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BL

Quant Time: Mar 03 22:12:29 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

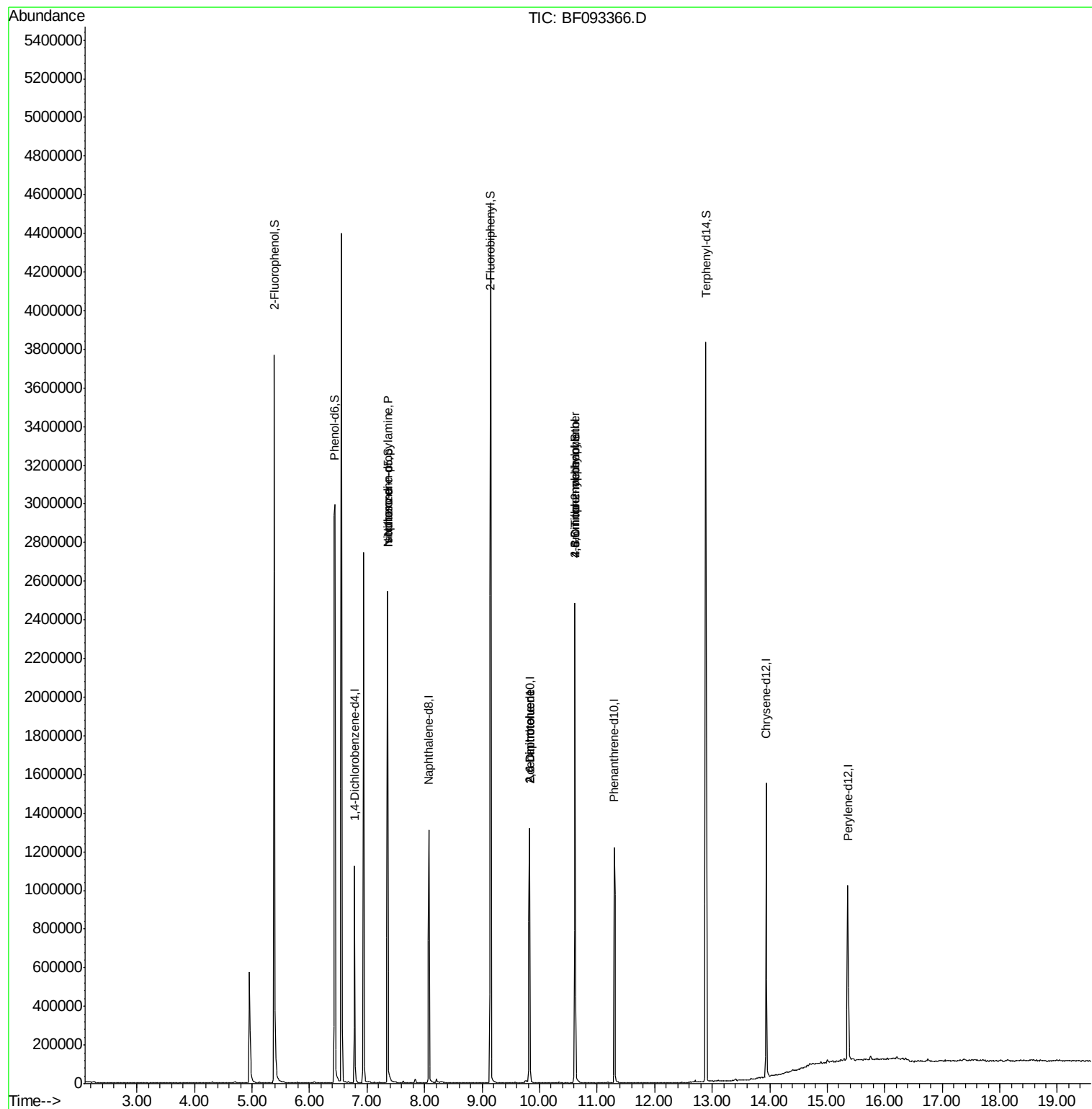
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	174910	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	734511	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	336562	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	633529	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	540466	20.00	ng	-0.08
86) Perylene-d12	15.36	264	389783	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1364698	133.86	ng	-0.06
7) Phenol-d6	6.44	99	1674142	127.62	ng	-0.05
23) Nitrobenzene-d5	7.36	82	936895	71.03	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	302292	124.18	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1781418	95.89	ng	-0.07
78) Terphenyl-d14	12.89	244	1506423	65.49	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	123899	14.84	ng	# 81
25) Isophorone	7.36	82	755193	30.73	ng	# 65
50) 2,6-Dinitrotoluene	9.82	165	41772	8.53	ng	# 31
56) 2,4-Dinitrotoluene	9.82	165	41772	6.41	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.61	198	380	2.76	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	21948	3.32	ng	# 1

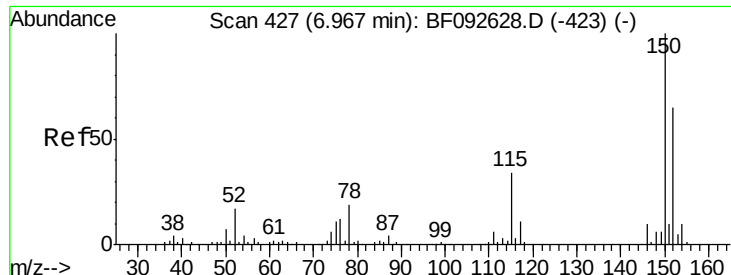
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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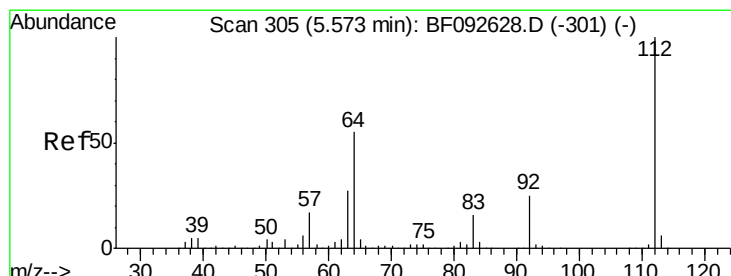
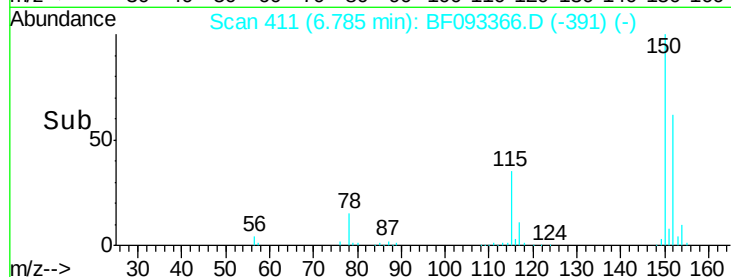
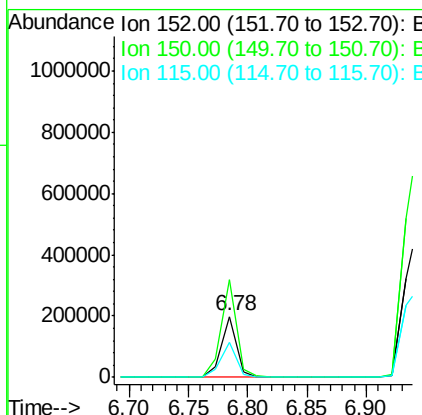
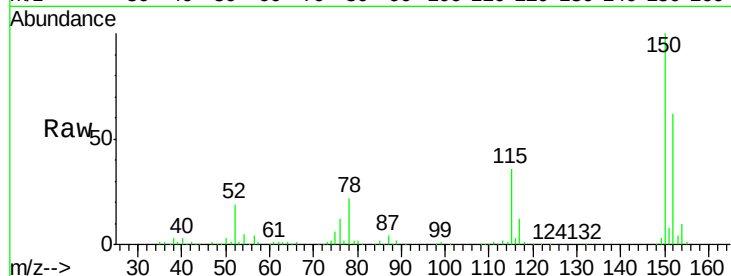


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BL

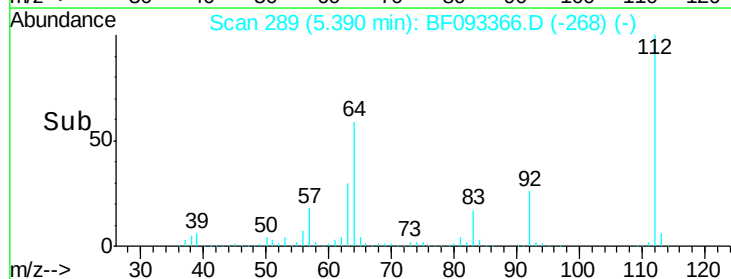
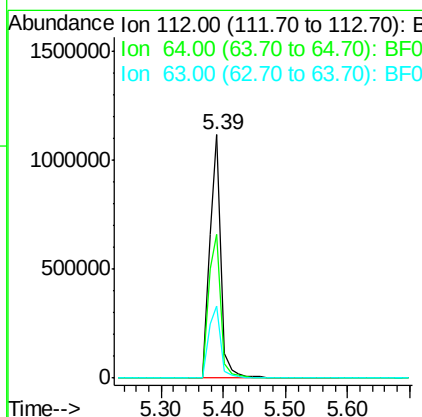
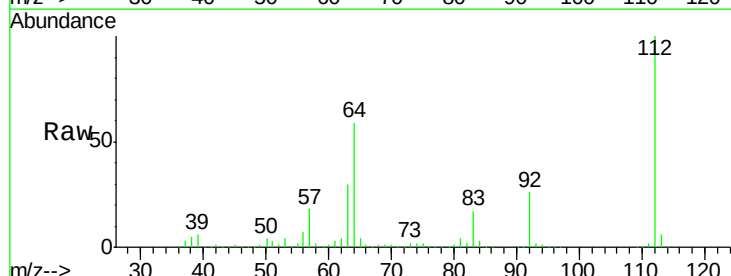
Tgt Ion:152 Resp: 174910
 Ion Ratio Lower Upper
 152 100
 150 160.1 124.9 187.3
 115 57.0 46.0 69.0

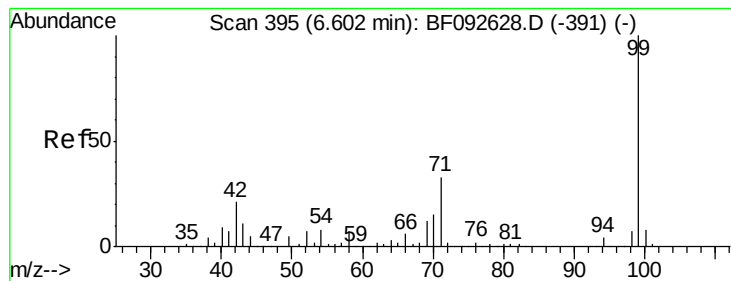


#5

2-Fluorophenol
 Concen: 133.86 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Tgt Ion:112 Resp: 1364698
 Ion Ratio Lower Upper
 112 100
 64 59.3 46.1 69.1
 63 29.6 23.8 35.6





#7

Phenol-d6

Concen: 127.62 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.05 min

Lab File: BF093366.D

Acq: 3 Mar 2017 18:44

Instrument :

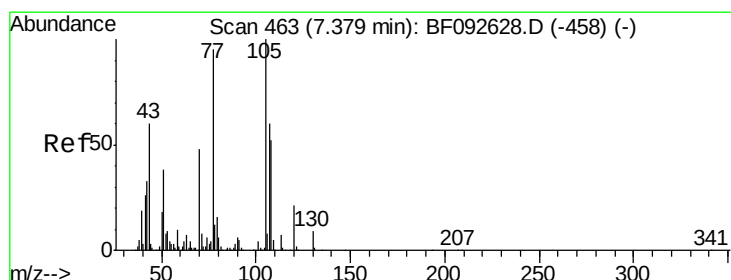
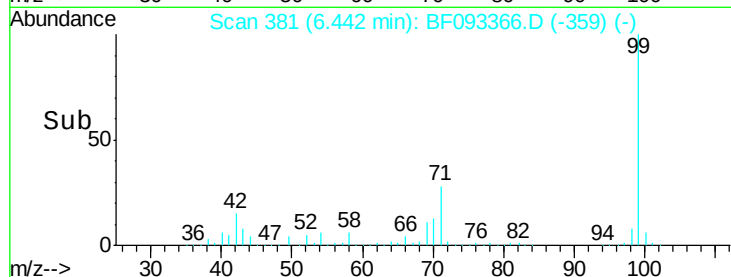
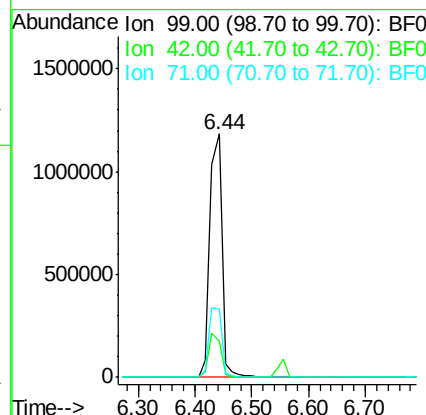
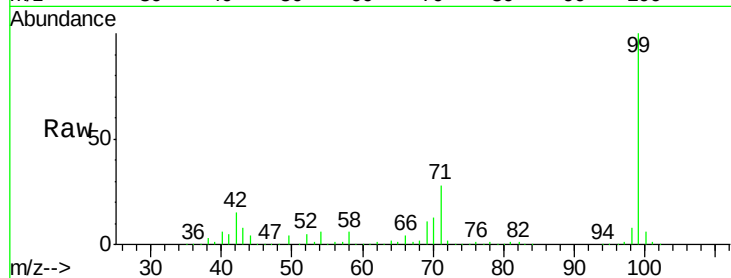
BNA_F

ClientSampleId :

PB97309BL

Tgt Ion: 99 Resp: 1674142

Ion	Ratio	Lower	Upper
99	100		
42	14.6	15.6	23.4#
71	28.1	27.5	41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.84 ng

RT: 7.36 min Scan# 461

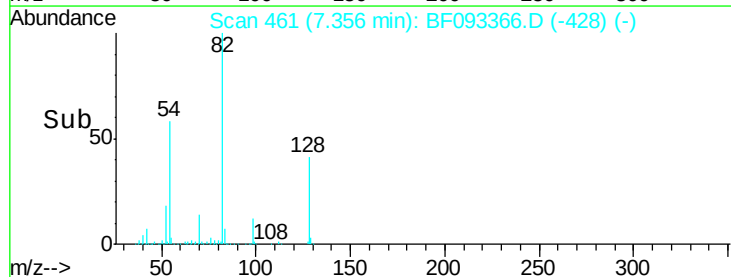
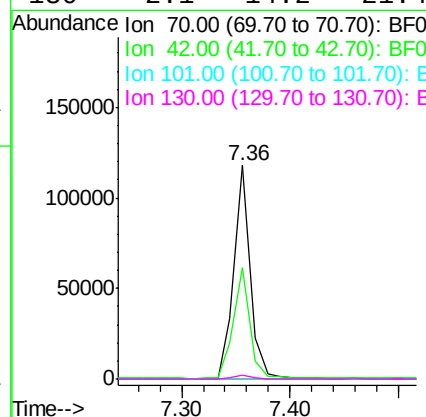
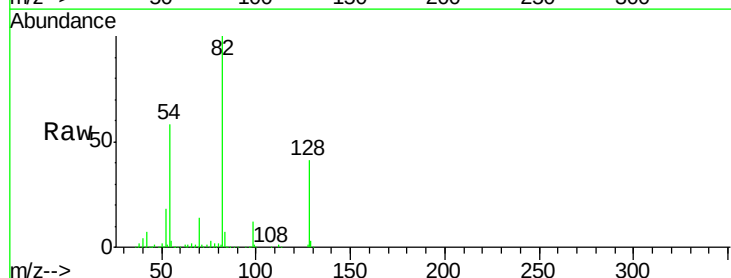
Delta R.T. 0.08 min

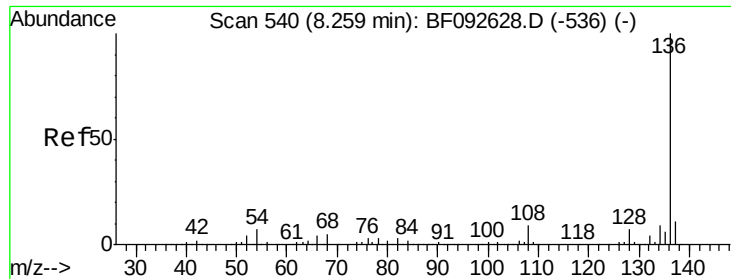
Lab File: BF093366.D

Acq: 3 Mar 2017 18:44

Tgt Ion: 70 Resp: 123899

Ion	Ratio	Lower	Upper
70	100		
42	51.9	49.4	74.0
101	0.0	7.4	11.2#
130	2.1	14.2	21.4#

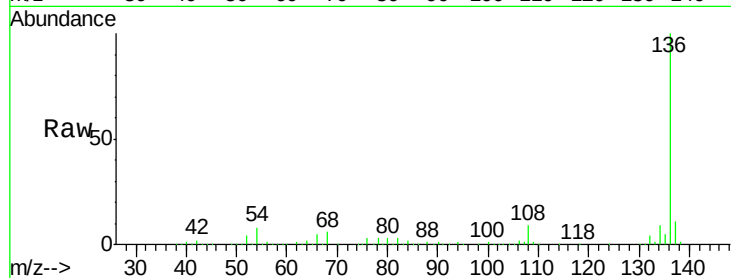




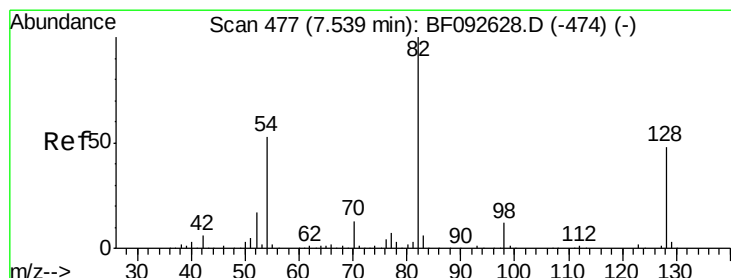
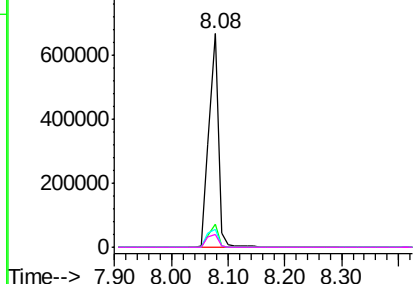
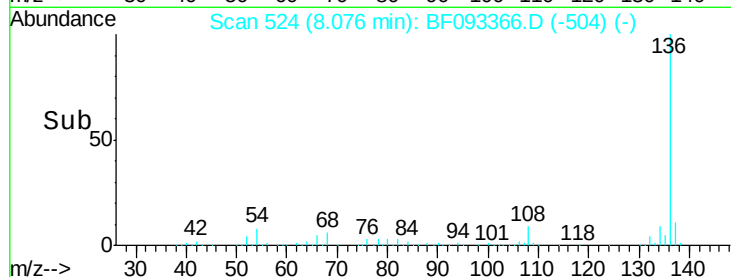
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093366.D
Acq: 3 Mar 2017 18:44

Instrument :
BNA_F
ClientSampleId :
PB97309BL

Tgt Ion:	136	Resp:	734511
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.4	12.6
54	8.2	4.5	6.7#
68	6.1	3.6	5.4#

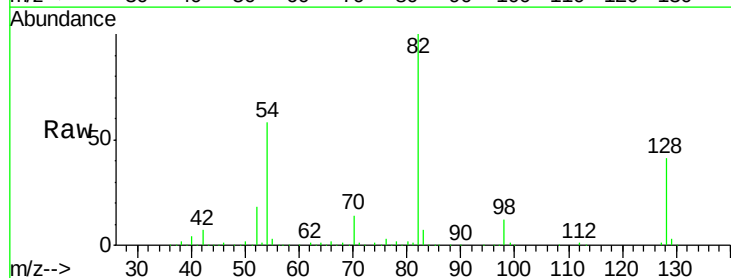


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

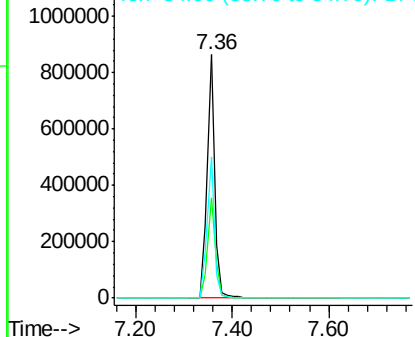
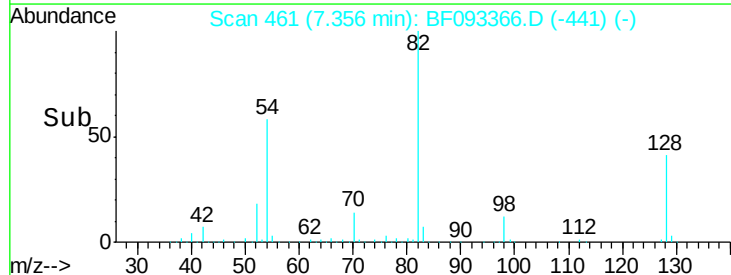


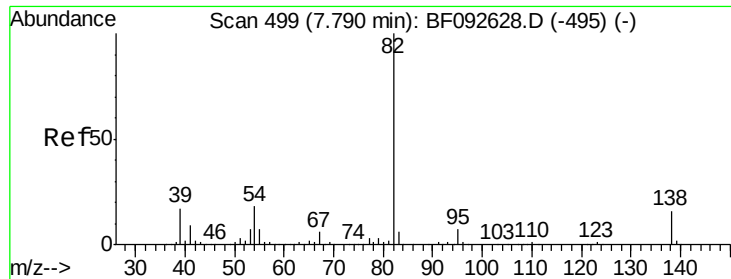
#23
Nitrobenzene-d5
Concen: 71.03 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.07 min
Lab File: BF093366.D
Acq: 3 Mar 2017 18:44

Tgt Ion:	82	Resp:	936895
Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.6	52.0
54	57.8	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: 30.73 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.33 min

Lab File: BF093366.D

Acq: 3 Mar 2017 18:44

Instrument :

BNA_F

ClientSampleId :

PB97309BL

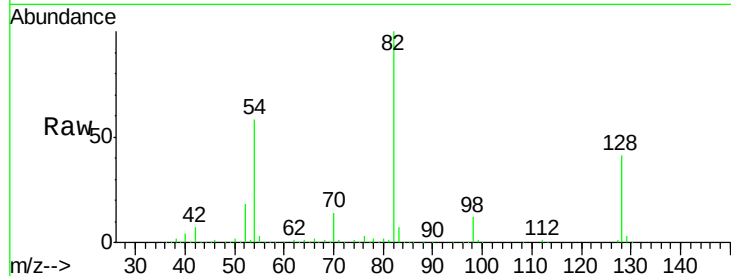
Tgt Ion: 82 Resp: 755193

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

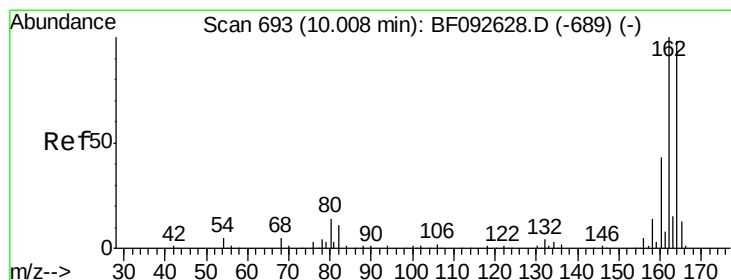
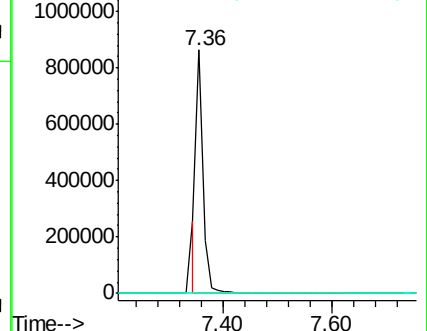
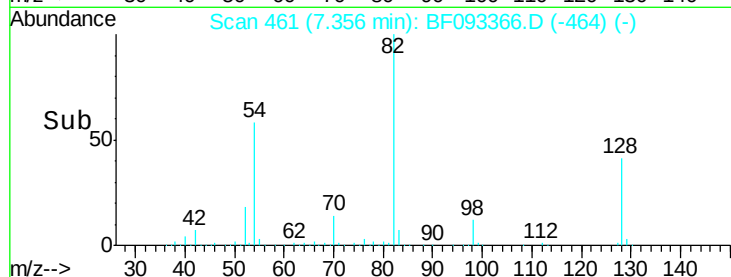
138 0.0 14.6 22.0#



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: 9.82 min Scan# 677

Delta R.T. -0.07 min

Lab File: BF093366.D

Acq: 3 Mar 2017 18:44

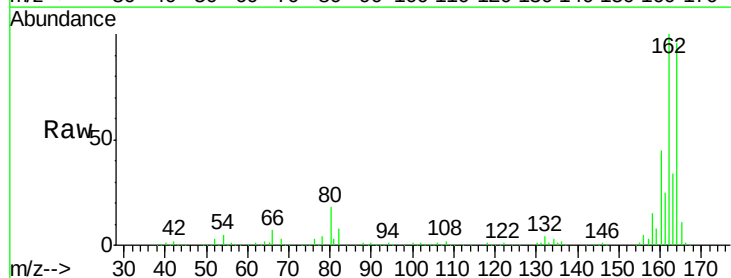
Tgt Ion: 164 Resp: 336562

Ion Ratio Lower Upper

164 100

162 104.0 80.2 120.2

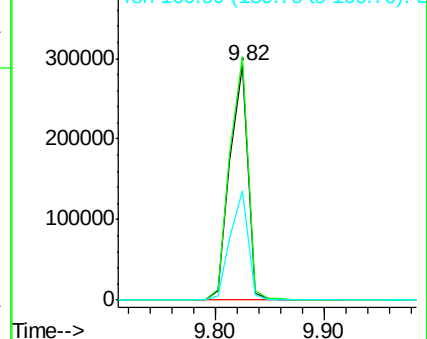
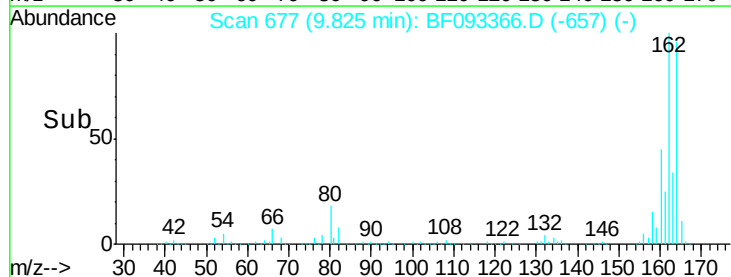
160 46.7 36.9 55.3

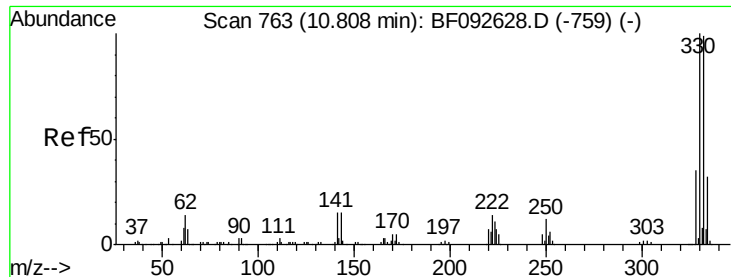


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

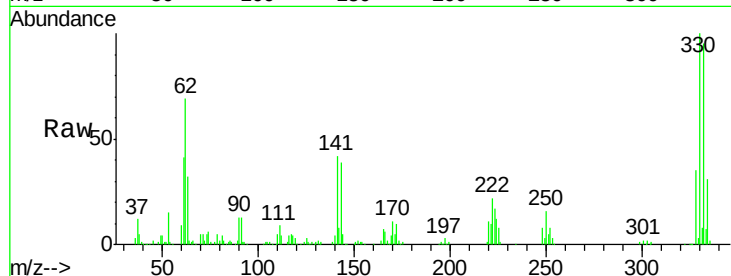




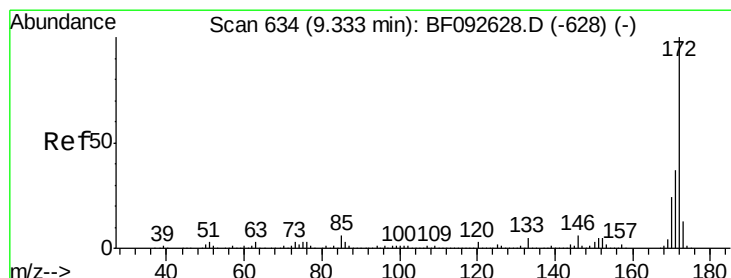
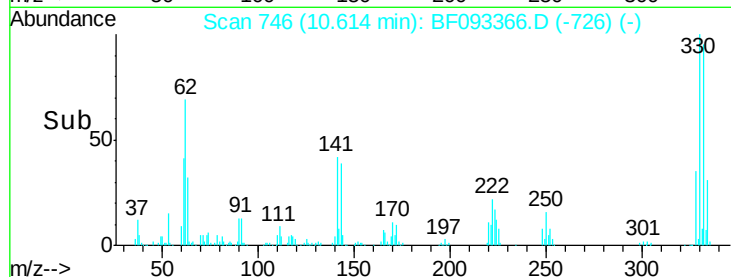
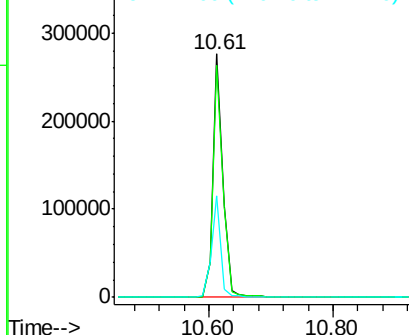
#41
 2,4,6-Tribromophenol
 Concen: 124.18 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BL

Tgt Ion:330 Resp: 302292
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 38.8 34.1 51.1

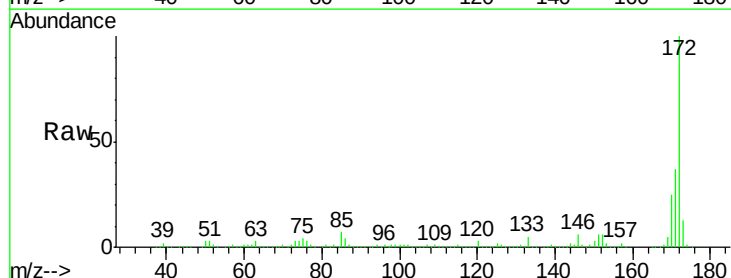


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

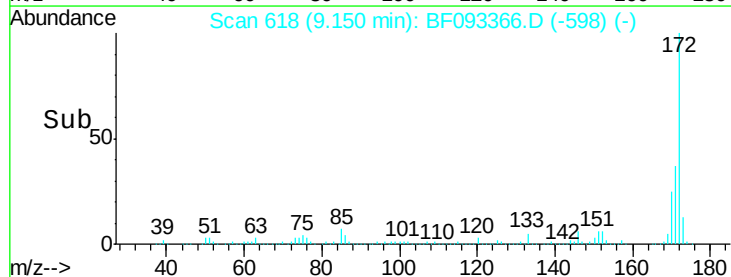
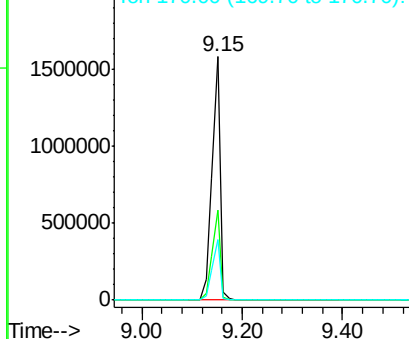


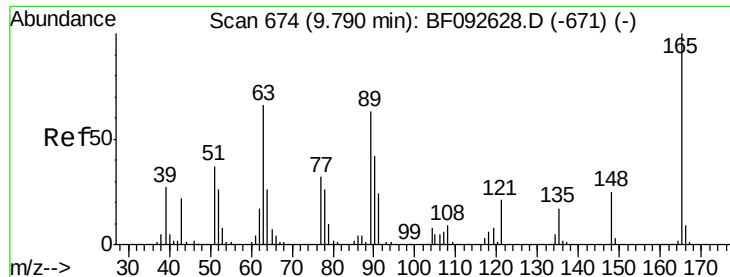
#44
 2-Fluorobiphenyl
 Concen: 95.89 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Tgt Ion:172 Resp: 1781418
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 24.8 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

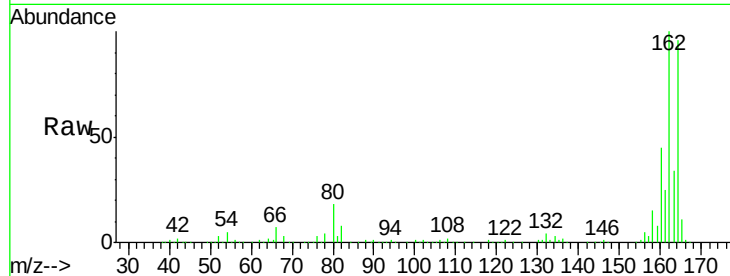




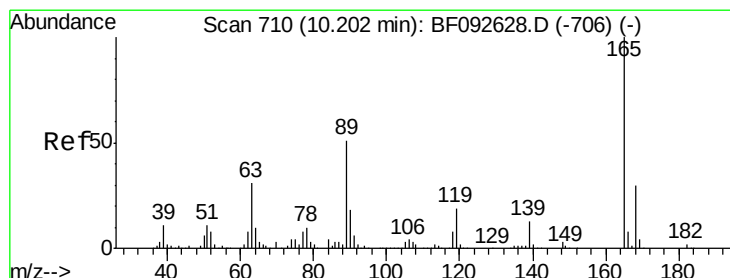
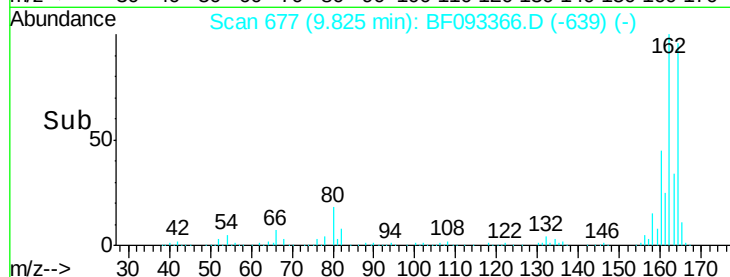
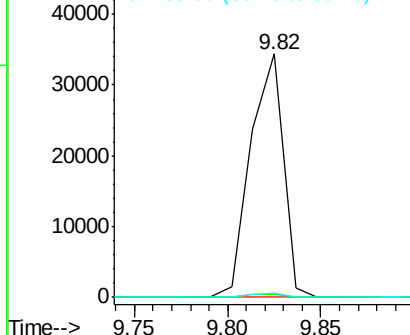
#50
 2,6-Dinitrotoluene
 Concen: 8.53 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.14 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BL

Tgt Ion:165 Resp: 41772
 Ion Ratio Lower Upper
 165 100
 63 1.3 36.2 54.4#
 89 1.7 40.2 60.4#



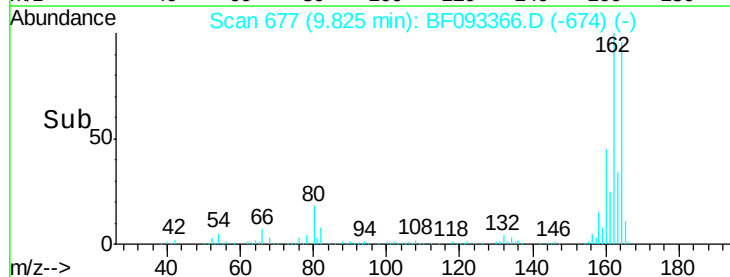
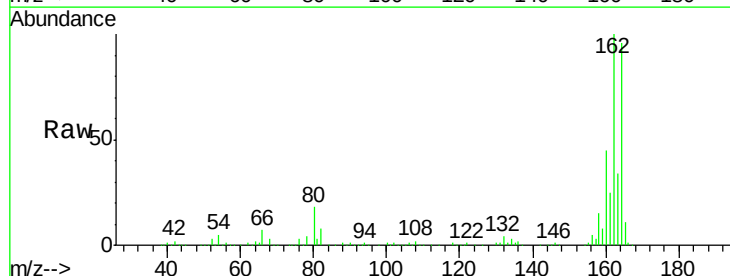
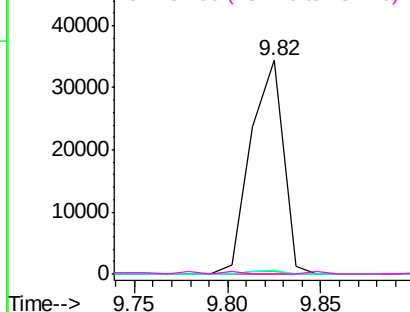
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

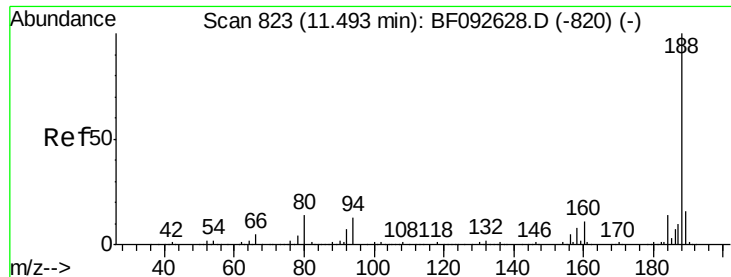


#56
 2,4-Dinitrotoluene
 Concen: 6.41 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.26 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Tgt Ion:165 Resp: 41772
 Ion Ratio Lower Upper
 165 100
 63 1.3 40.2 60.4#
 89 1.7 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

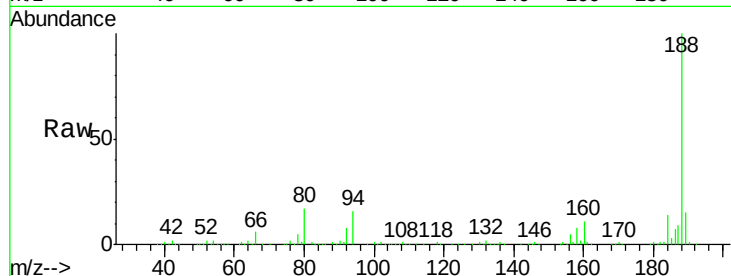




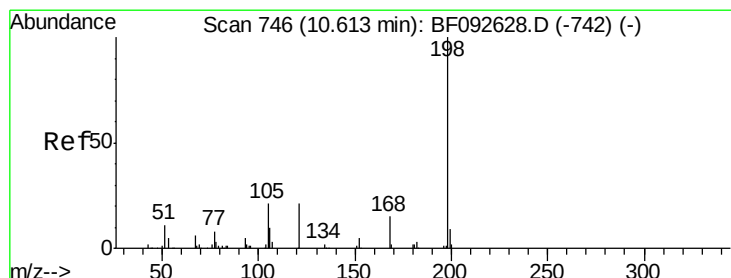
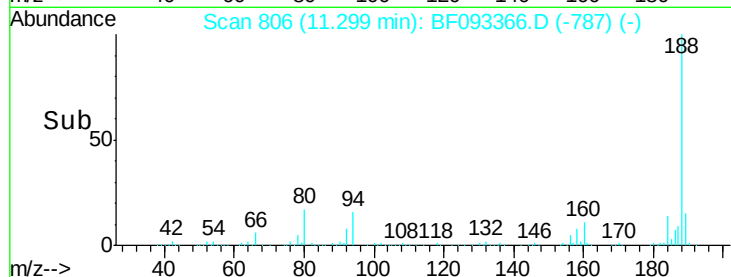
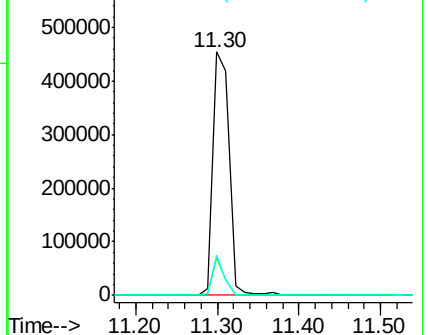
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BL

Tgt Ion:188 Resp: 633529
 Ion Ratio Lower Upper
 188 100
 94 15.5 10.0 15.0#
 80 16.6 11.2 16.8

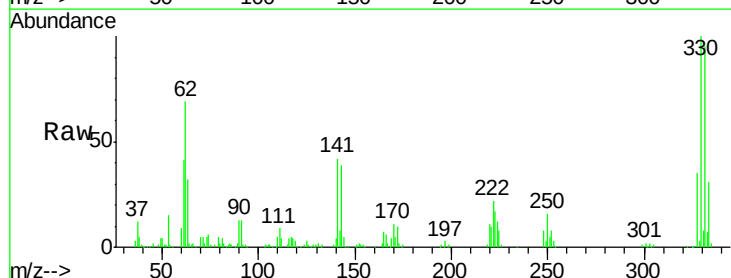


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

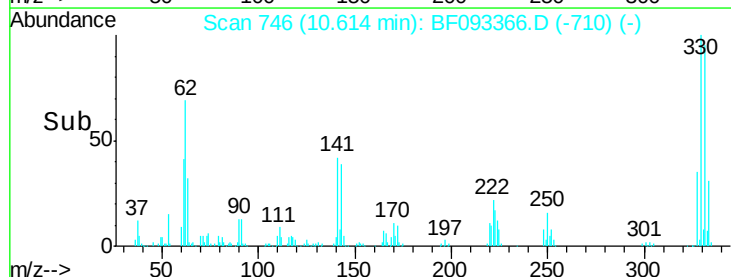
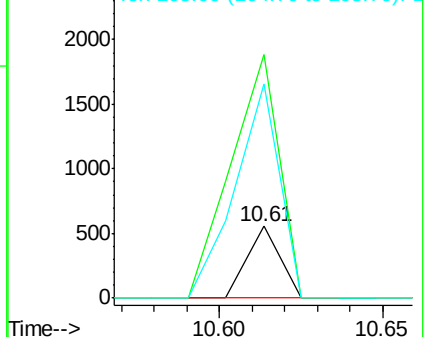


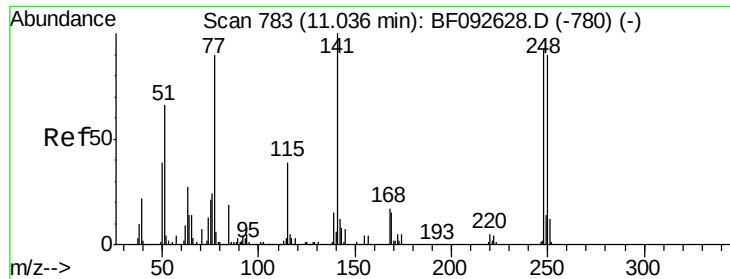
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.76 ng
 RT: 10.61 min Scan# 746
 Delta R.T. 0.11 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Tgt Ion:198 Resp: 380
 Ion Ratio Lower Upper
 198 100
 51 340.1 6.7 46.7#
 105 298.4 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: 3.32 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.31 min

Lab File: BF093366.D

Acq: 3 Mar 2017 18:44

Instrument :

BNA_F

ClientSampleId :

PB97309BL

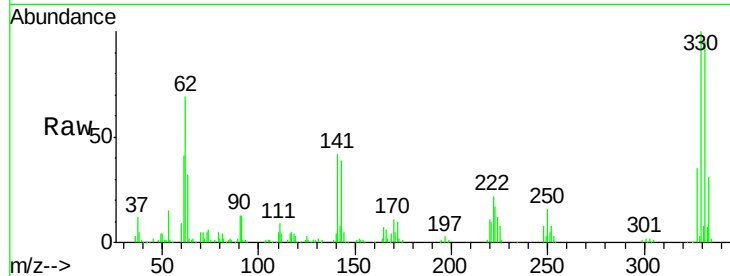
Tgt Ion:248 Resp: 21948

Ion Ratio Lower Upper

248 100

250 196.4 76.9 115.3#

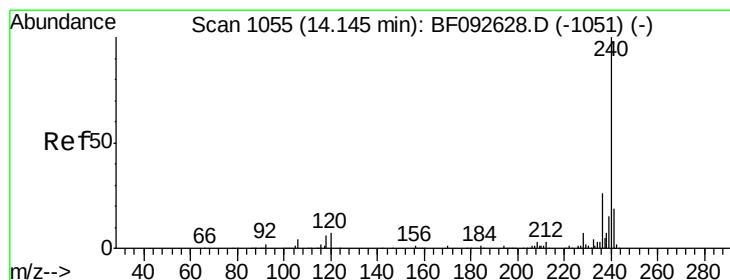
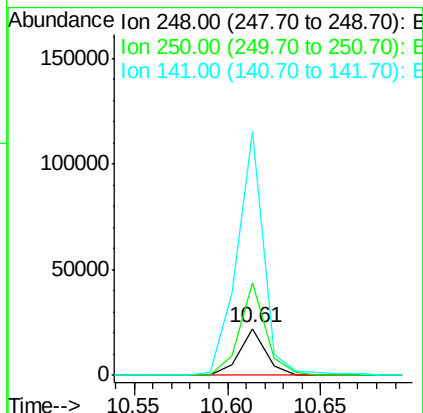
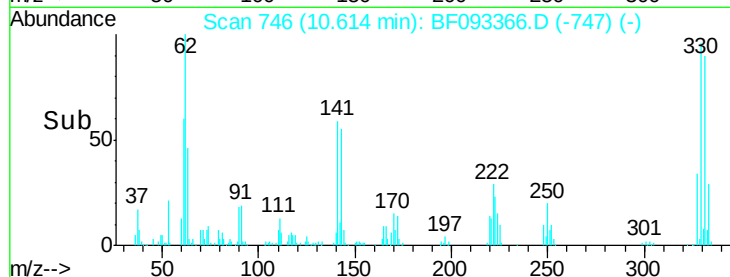
141 519.4 68.2 102.4#



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: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF093366.D

Acq: 3 Mar 2017 18:44

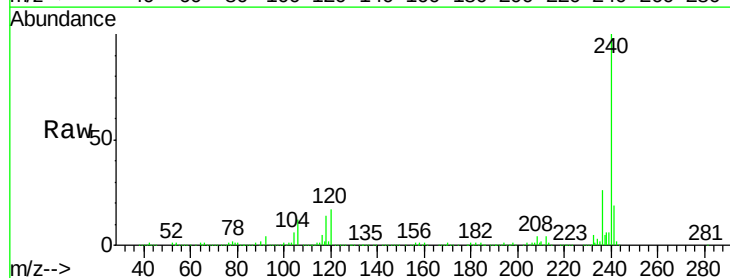
Tgt Ion:240 Resp: 540466

Ion Ratio Lower Upper

240 100

120 16.8 12.9 19.3

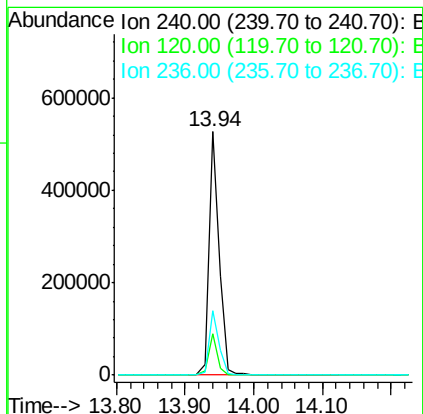
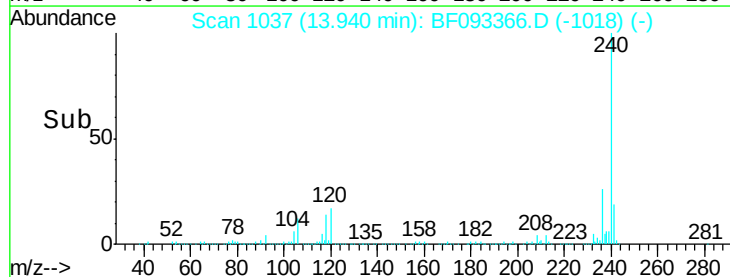
236 26.4 20.9 31.3

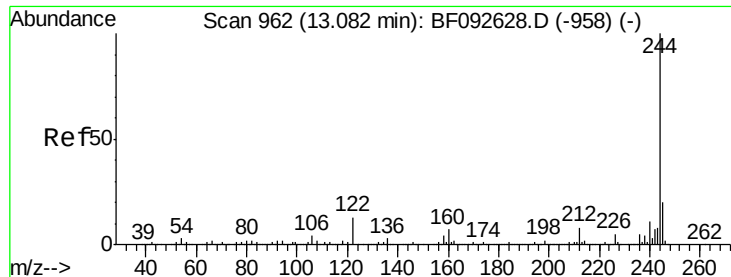


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

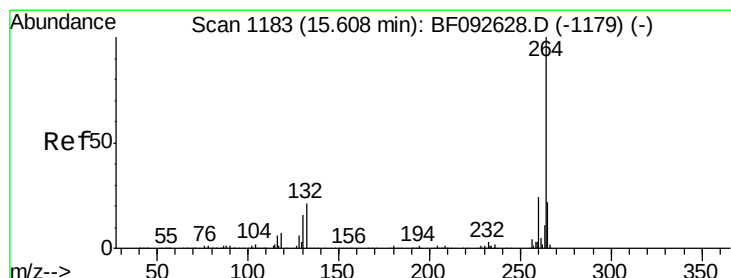
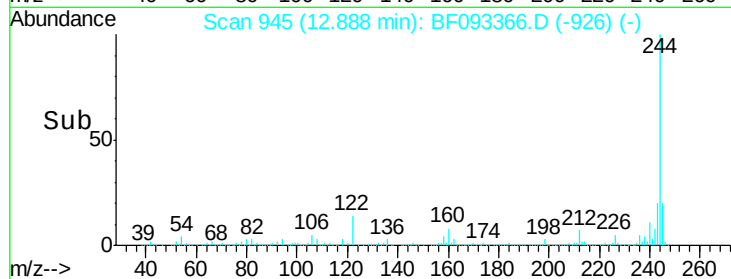
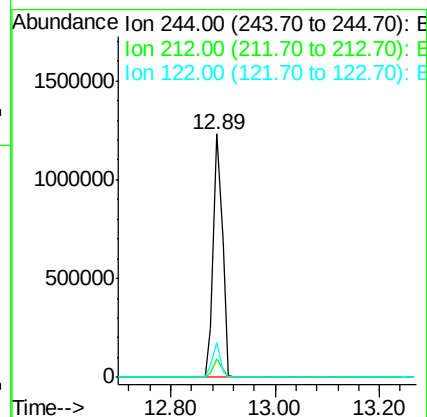
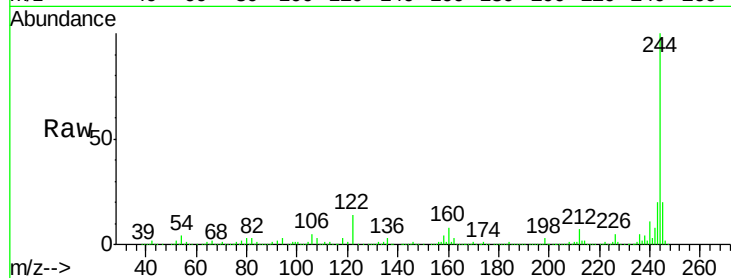




#78
 Terphenyl-d14
 Concen: 65.49 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.08 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Instrument :
 BNA_F
 ClientSampleId :
 PB97309BL

Tgt Ion:244 Resp: 1506423
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.2 9.2
 122 14.2 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF093366.D
 Acq: 3 Mar 2017 18:44

Tgt Ion:264 Resp: 389783
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.3 17.4 26.0

