

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020117\
 Data File : BF092730.D
 Acq On : 2 Feb 2017 4:26
 Operator : SJ/MA
 Sample : I1615-07
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-7

Quant Time: Feb 02 04:57:45 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	155290	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	514570	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	225450	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	290422	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	320624	20.00	ng	-0.02
86) Perylene-d12	15.60	264	282495	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.56	112	1063456	117.49	ng	-0.01
7) Phenol-d6	6.59	99	1407281	120.83	ng	-0.01
23) Nitrobenzene-d5	7.52	82	755357	81.75	ng	-0.02
41) 2,4,6-Tribromophenol	10.80	330	170407	104.51	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1028717	82.67	ng	-0.02
78) Terphenyl-d14	13.07	244	753498	55.22	ng	-0.01

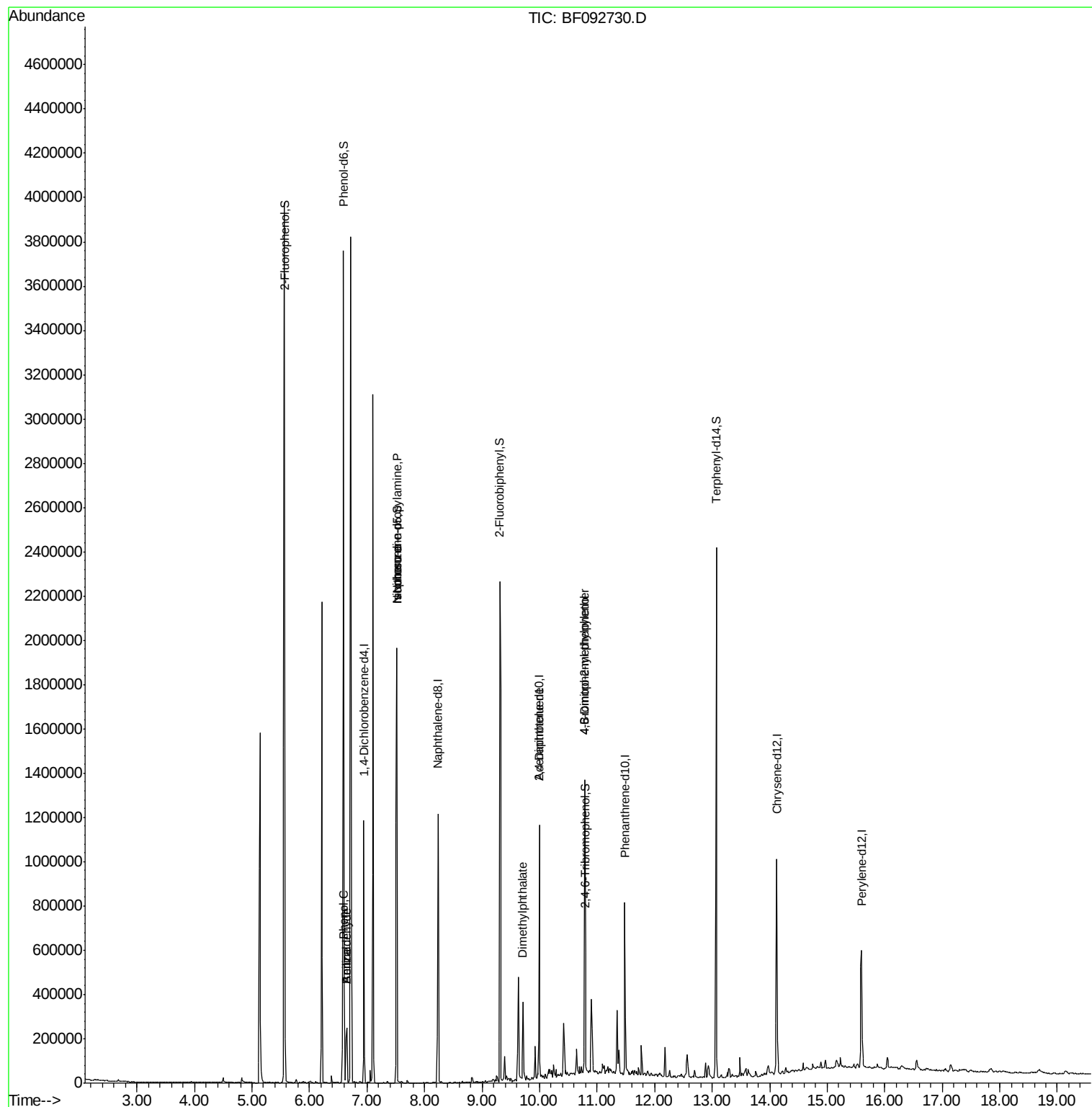
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.65	93	75766	4.77	ng	# 13
9) Benzaldehyde	6.65	77	17246	2.07	ng	# 7
10) Phenol	6.60	94	109913	8.07	ng	# 66
19) n-Nitroso-di-n-propylamine	7.52	70	97525	13.15	ng	# 79
25) Isophorone	7.52	82	736902	42.80	ng	# 65
49) Dimethylphthalate	9.71	163	117135	7.71	ng	99
56) 2,4-Dinitrotoluene	10.00	165	30493	6.98	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.78	198	257	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.78	248	11696	3.85	ng	# 1

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

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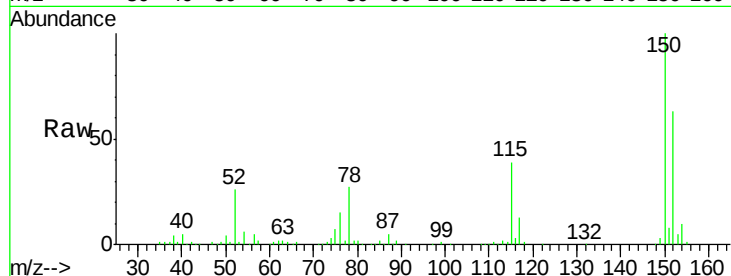


#1

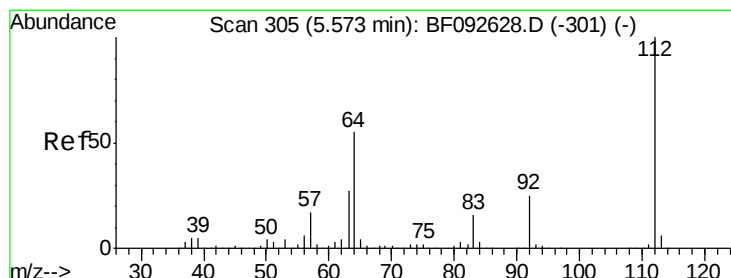
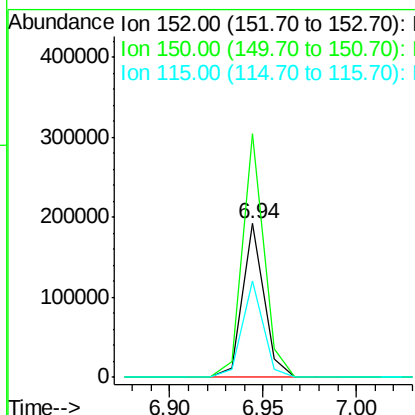
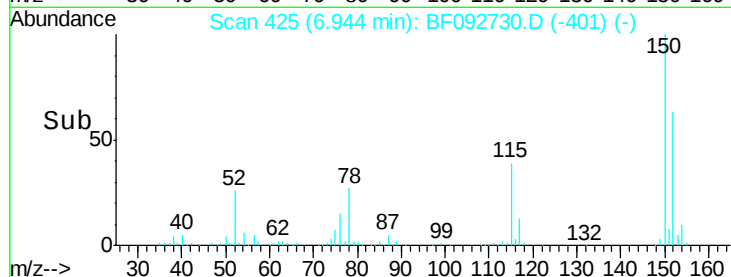
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion:152 Resp: 155290
Ion Ratio Lower Upper
152 100
150 158.2 124.9 187.3
115 62.3 46.0 69.0



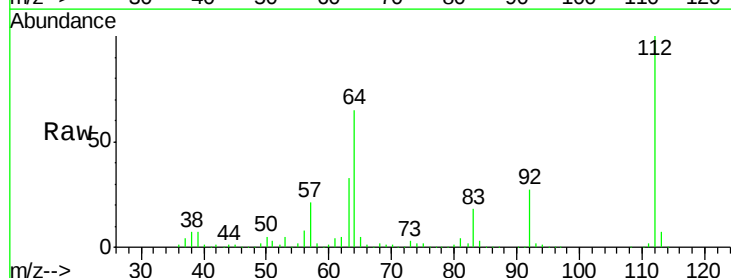
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



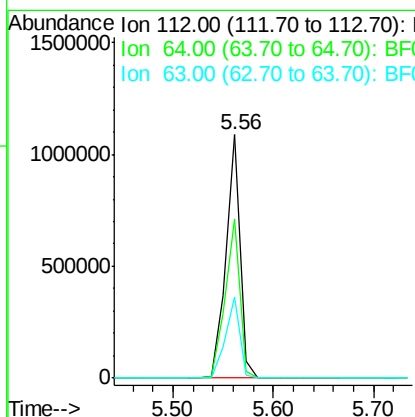
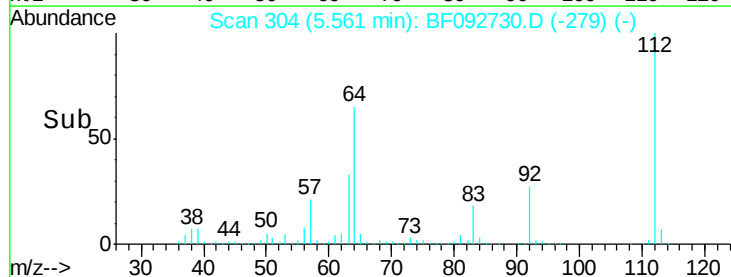
#5

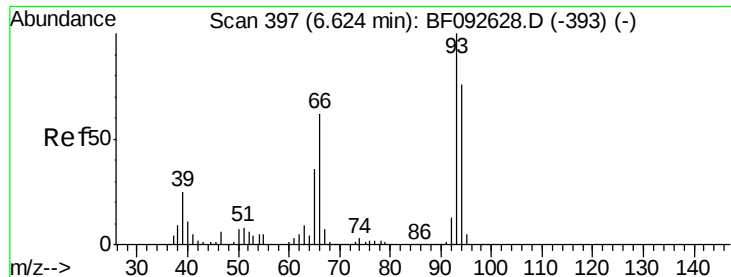
2-Fluorophenol
Concen: 117.49 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion:112 Resp: 1063456
Ion Ratio Lower Upper
112 100
64 65.1 46.1 69.1
63 33.4 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





#6

Aniline

Concen: 4.77 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.02 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

Instrument :

BNA_F

ClientSampleId :

SS-7

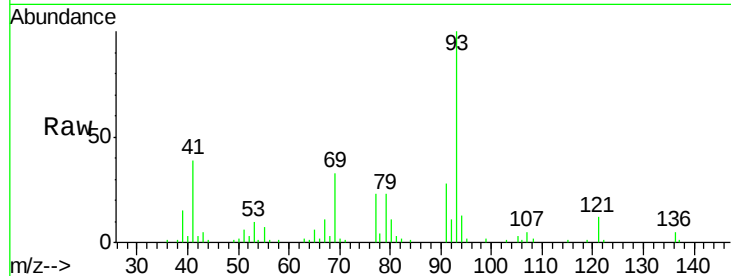
Tgt Ion: 93 Resp: 75766

Ion Ratio Lower Upper

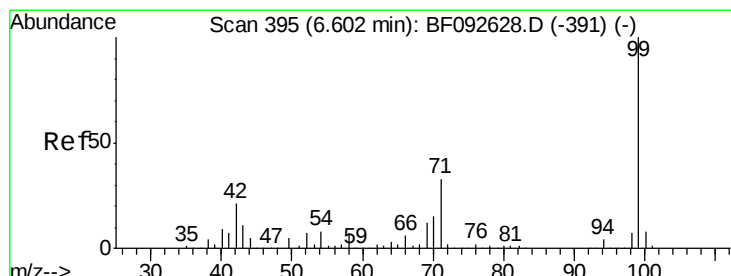
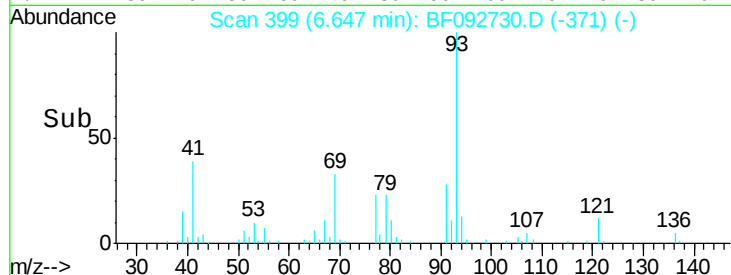
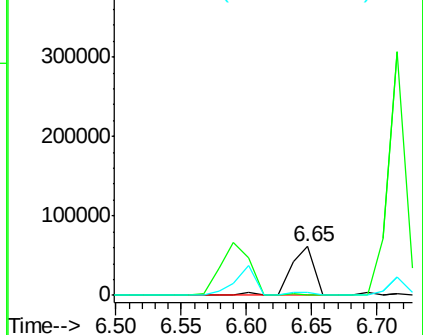
93 100

66 2.0 76.2 114.2#

65 5.7 49.3 73.9#



Abundance Ion 93.00 (92.70 to 93.70): BF0
Ion 66.00 (65.70 to 66.70): BF0
Ion 65.00 (64.70 to 65.70): BF0



#7

Phenol-d6

Concen: 120.83 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

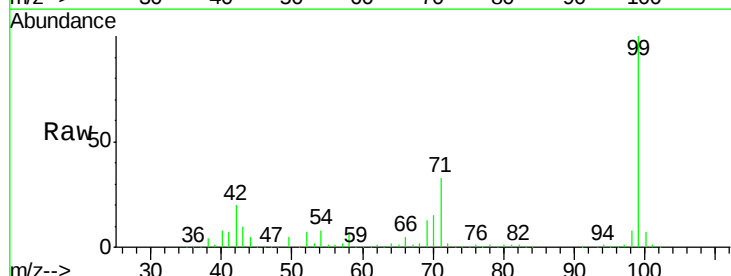
Tgt Ion: 99 Resp: 1407281

Ion Ratio Lower Upper

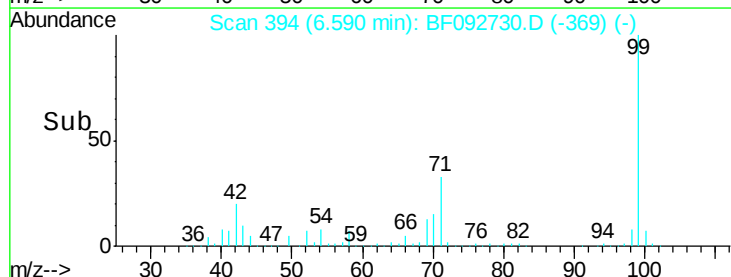
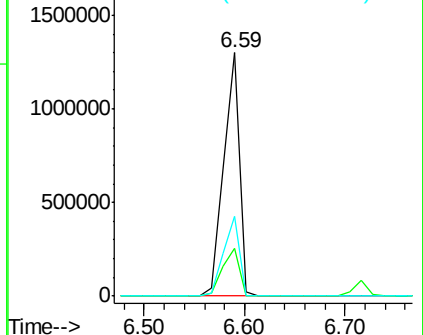
99 100

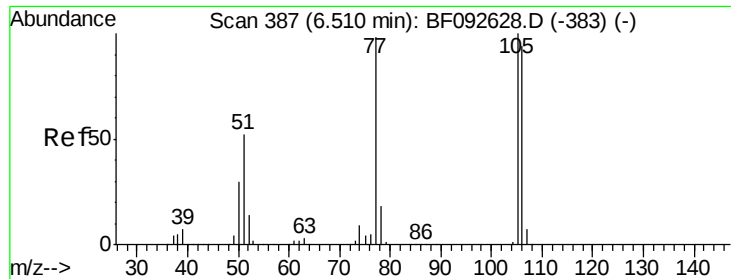
42 19.9 15.6 23.4

71 32.5 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





#9

Benzaldehyde

Concen: 2.07 ng

RT: 6.65 min Scan# 399

Delta R.T. 0.14 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

Instrument :

BNA_F

ClientSampleId :

SS-7

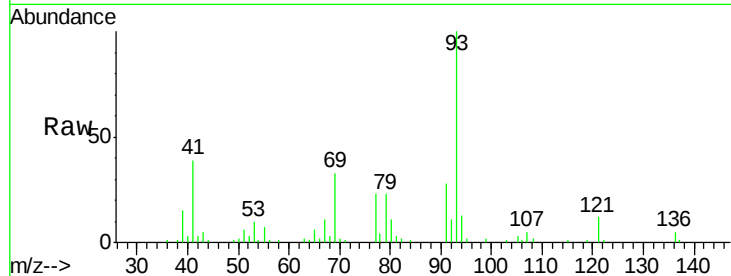
Tgt Ion: 77 Resp: 17246

Ion Ratio Lower Upper

77 100

105 12.6 83.9 123.9#

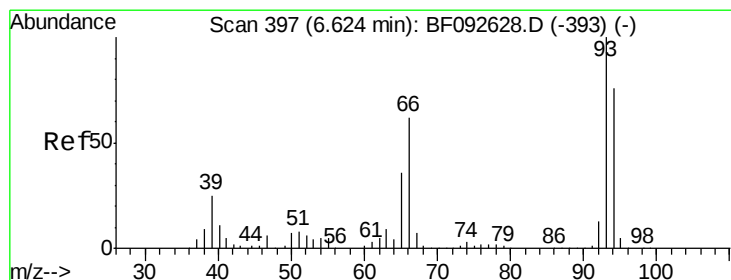
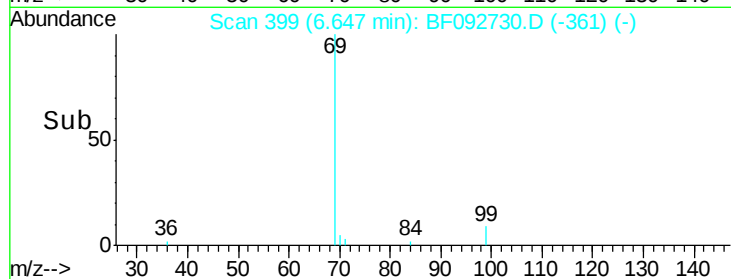
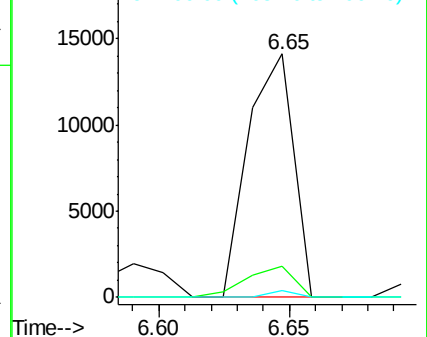
106 2.9 77.6 117.6#



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): BF0

Ion 106.00 (105.70 to 106.70): BF0



#10

Phenol

Concen: 8.07 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.02 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

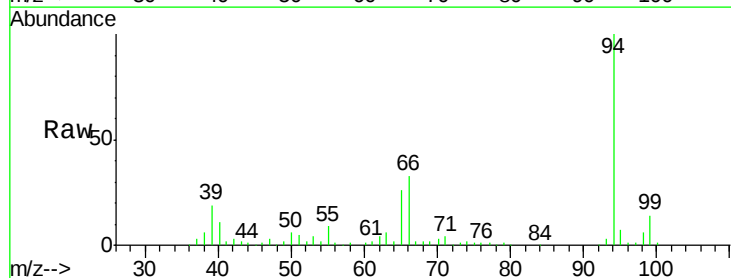
Tgt Ion: 94 Resp: 109913

Ion Ratio Lower Upper

94 100

65 25.8 21.4 61.4

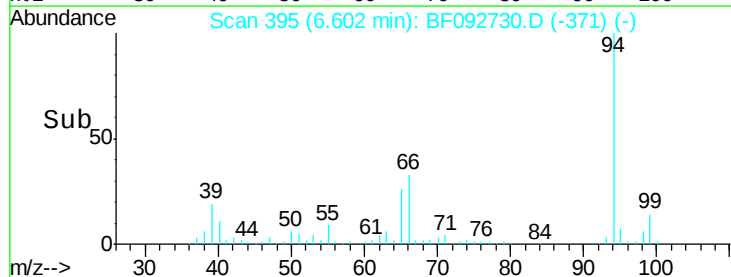
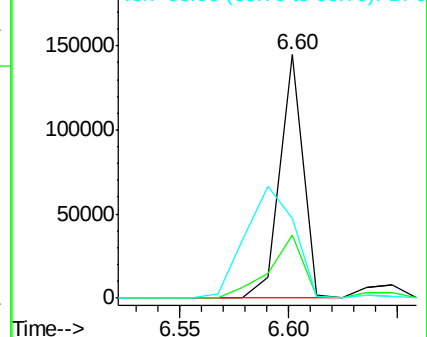
66 32.6 44.0 84.0#

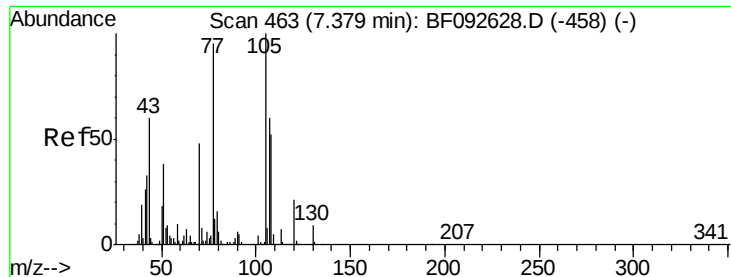


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

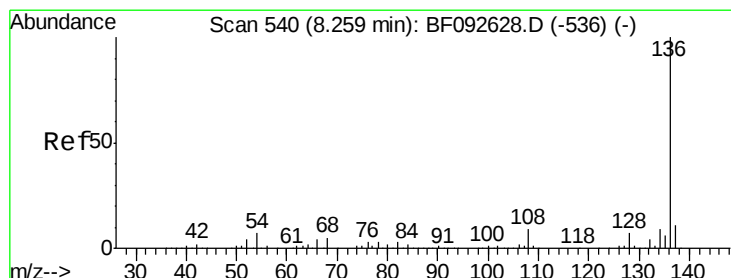
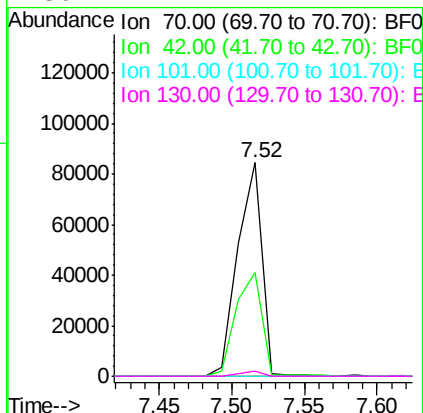
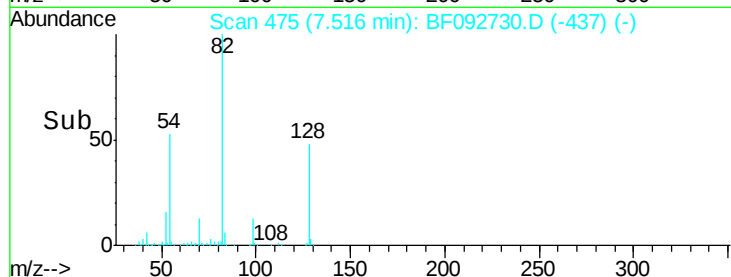
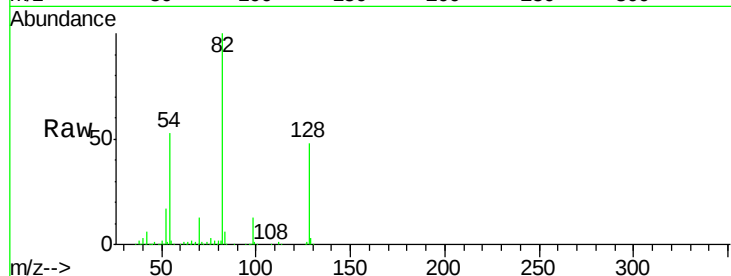




#19
n-Nitroso-di-n-propylamine
Concen: 13.15 ng
RT: 7.52 min Scan# 475
Delta R.T. 0.14 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

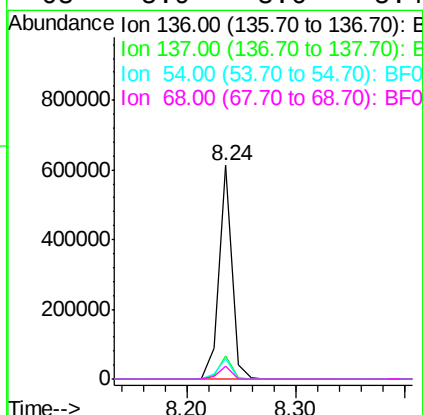
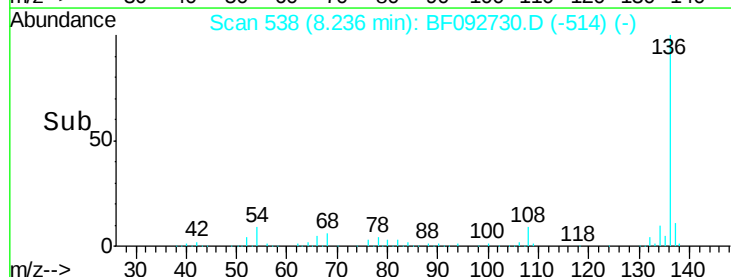
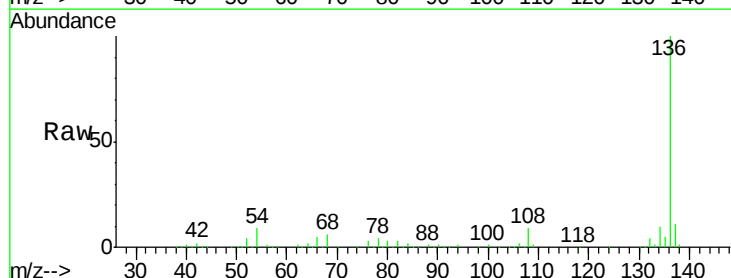
Instrument :
BNA_F
ClientSampleId :
SS-7

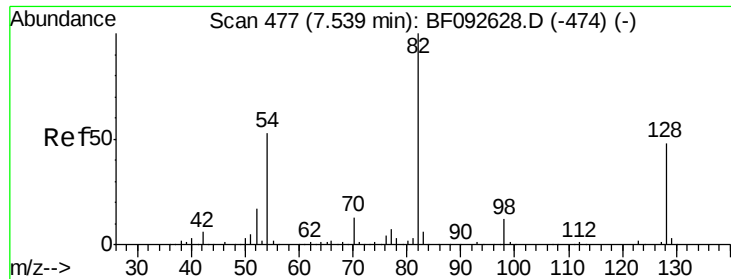
Tgt Ion:	70	Resp:	97525
Ion	Ratio	Lower	Upper
70	100		
42	48.8	49.4	74.0#
101	0.0	7.4	11.2#
130	2.4	14.2	21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion:	136	Resp:	514570
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	9.4	4.5	6.7#
68	5.9	3.6	5.4#

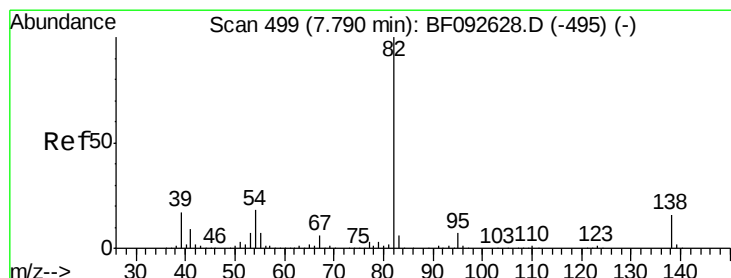
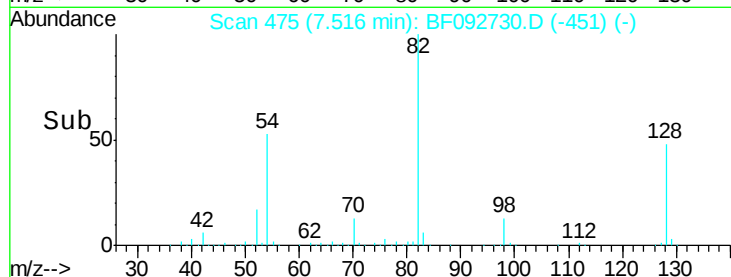
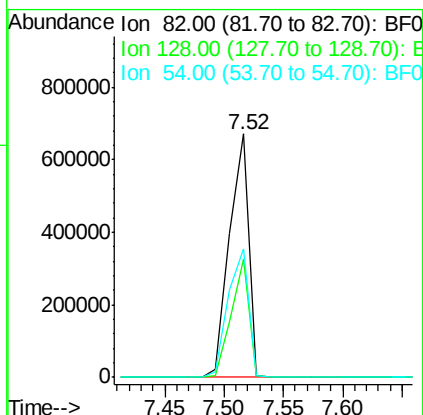
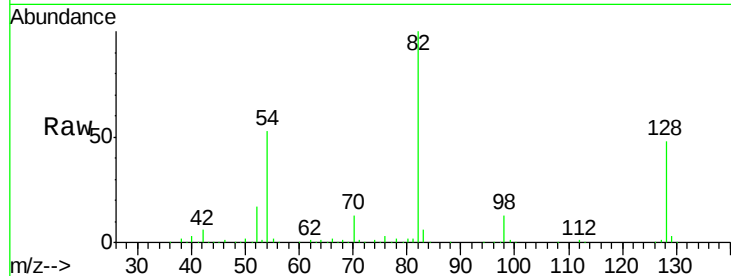




#23
Nitrobenzene-d5
Concen: 81.75 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

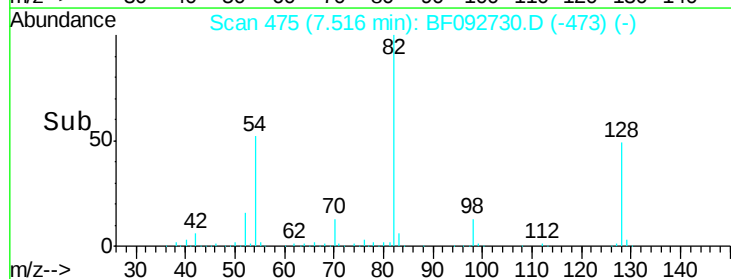
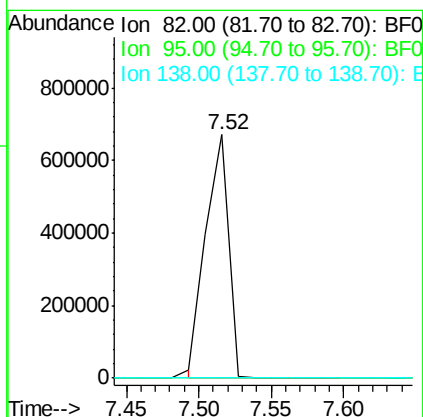
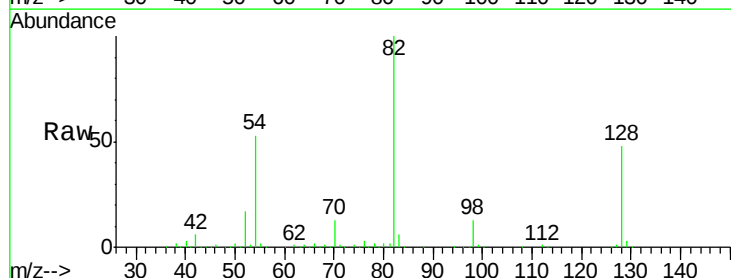
Instrument :
BNA_F
ClientSampleId :
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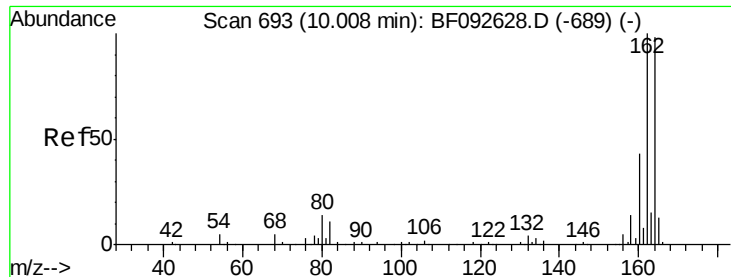
Tgt Ion	Ratio	Lower	Upper
82	100		
128	48.4	34.6	52.0
54	52.6	39.5	59.3



#25
Isophorone
Concen: 42.80 ng
RT: 7.52 min Scan# 475
Delta R.T. -0.27 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt 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: 10.00 min Scan# 692

Delta R.T. -0.01 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

Instrument :

BNA_F

ClientSampleId :

SS-7

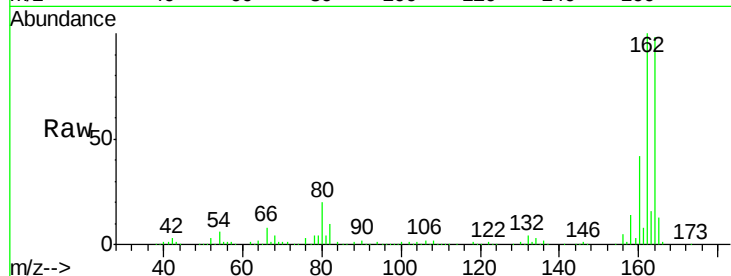
Tgt Ion:164 Resp: 225450

Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

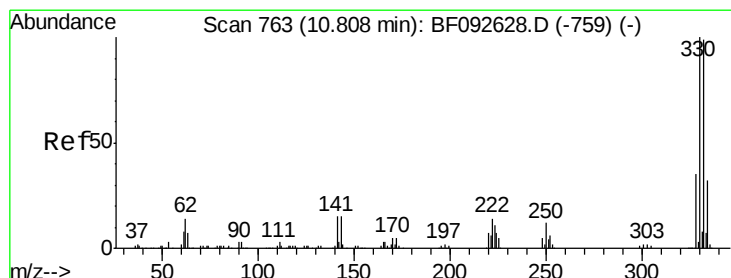
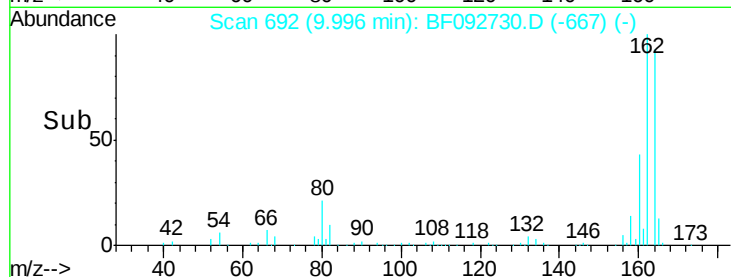
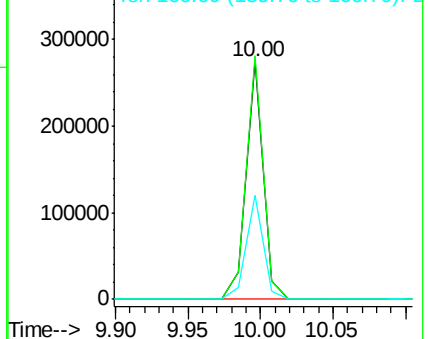
160 43.5 36.9 55.3



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: 104.51 ng

RT: 10.80 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

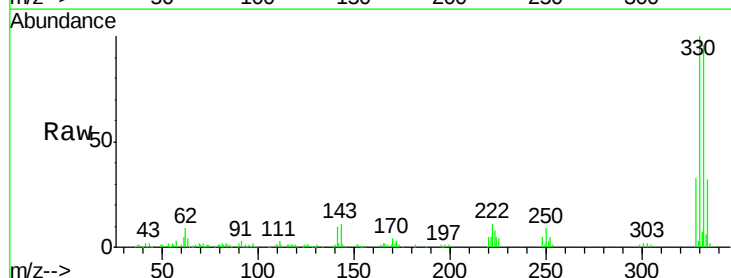
Tgt Ion:330 Resp: 170407

Ion Ratio Lower Upper

330 100

332 97.4 77.4 116.2

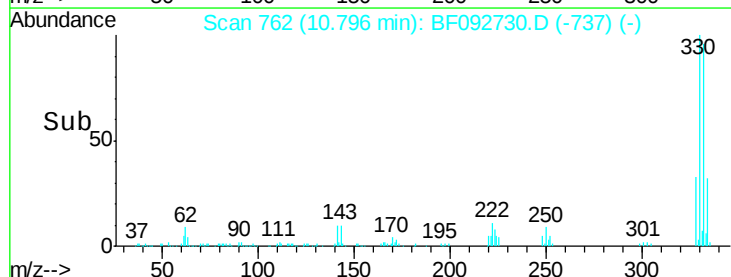
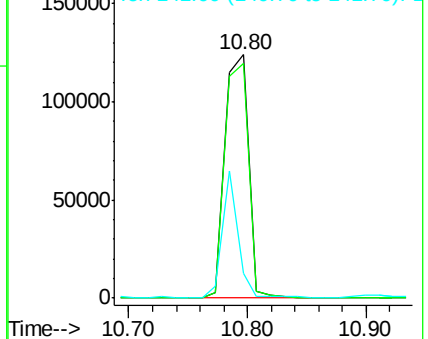
141 34.2 34.1 51.1

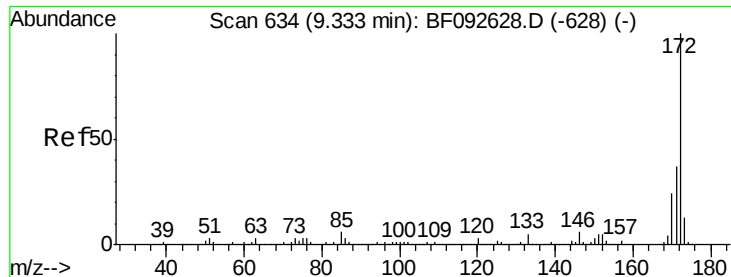


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

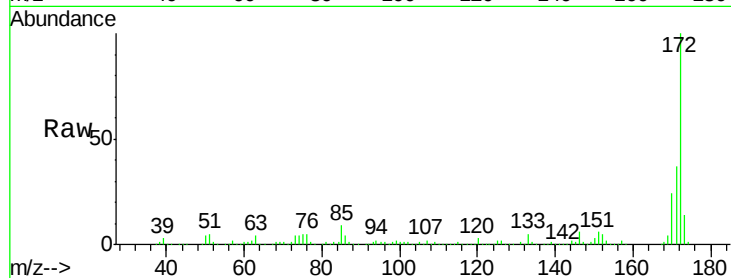




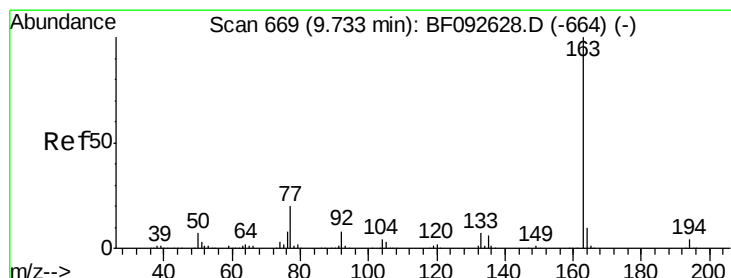
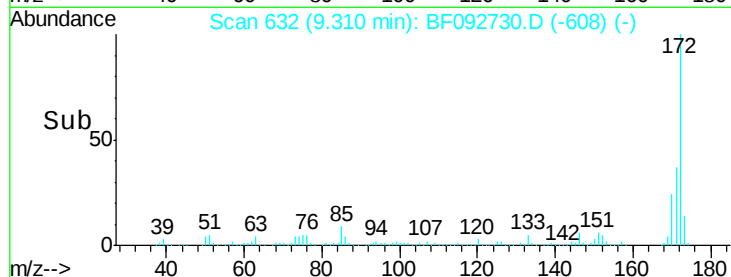
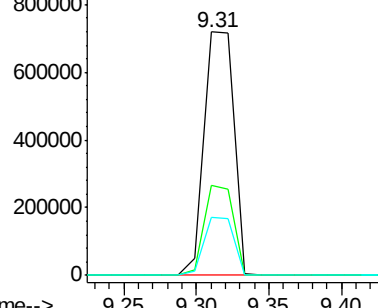
#44
2-Fluorobiphenyl
Concen: 82.67 ng
RT: 9.31 min Scan# 632
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion:172 Resp: 1028717
Ion Ratio Lower Upper
172 100
171 36.8 29.4 44.0
170 24.0 20.2 30.4

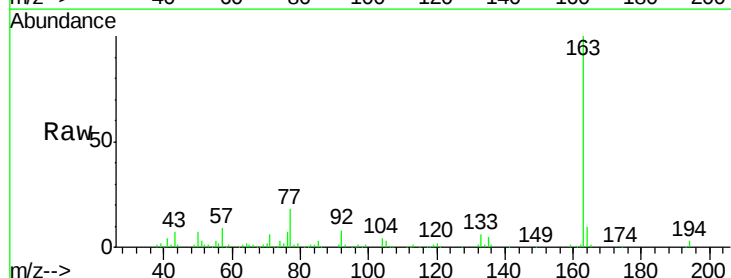


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

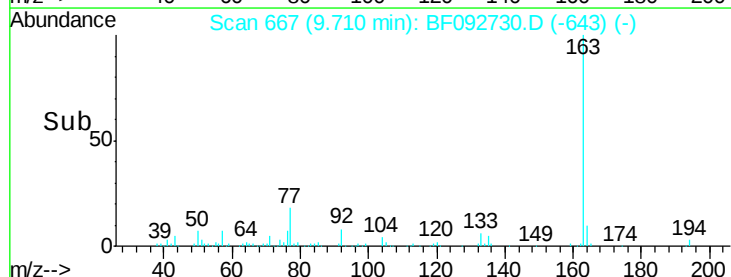
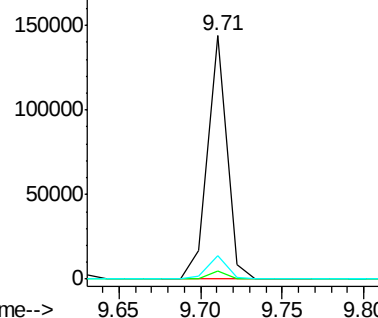


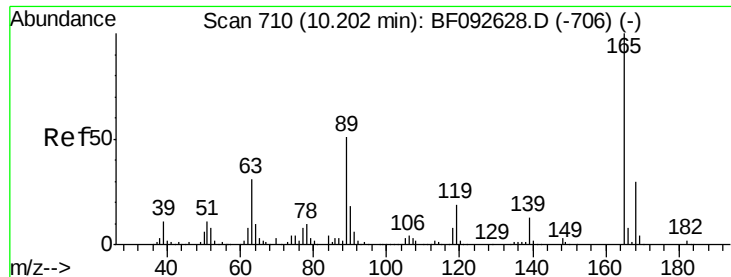
#49
Dimethylphthalate
Concen: 7.71 ng
RT: 9.71 min Scan# 667
Delta R.T. -0.02 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Tgt Ion:163 Resp: 117135
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

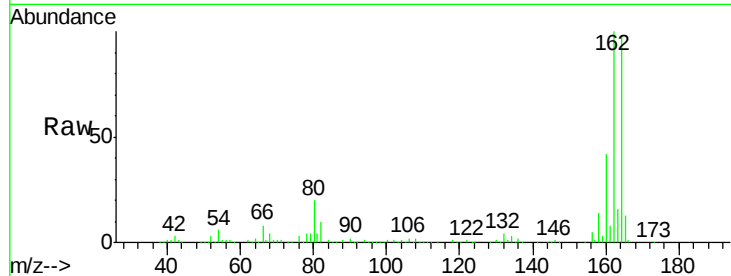




#56
 2,4-Dinitrotoluene
 Concen: 6.98 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.21 min
 Lab File: BF092730.D
 Acq: 2 Feb 2017 4:26

Instrument :
 BNA_F
 ClientSampleId :
 SS-7

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#

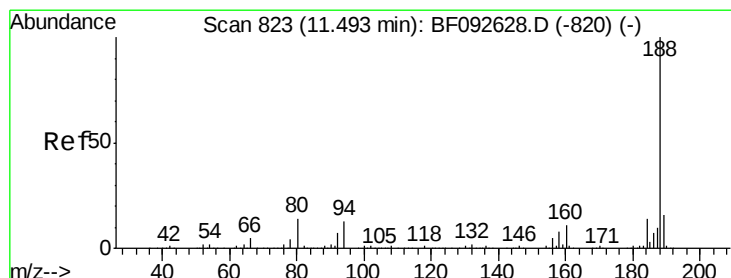
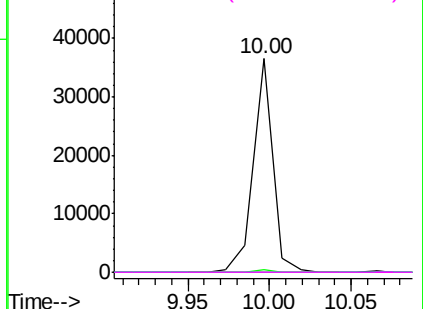
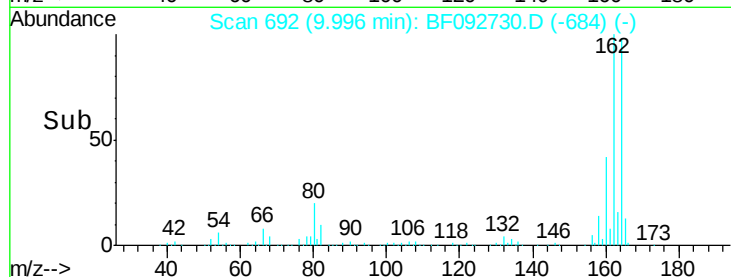


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

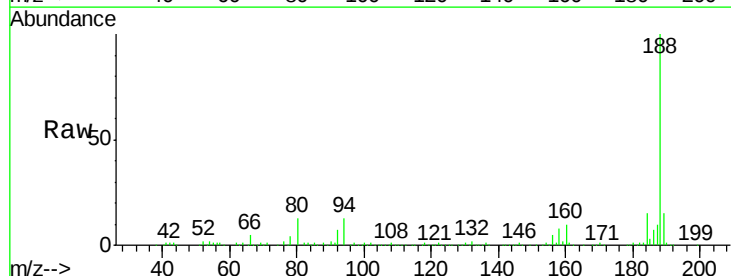
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF092730.D
 Acq: 2 Feb 2017 4:26

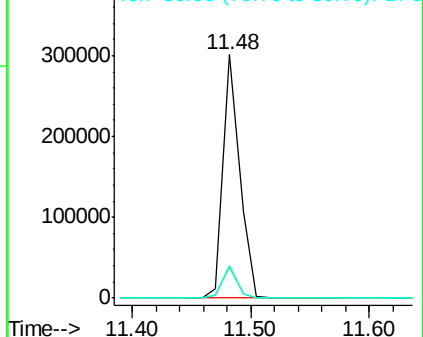
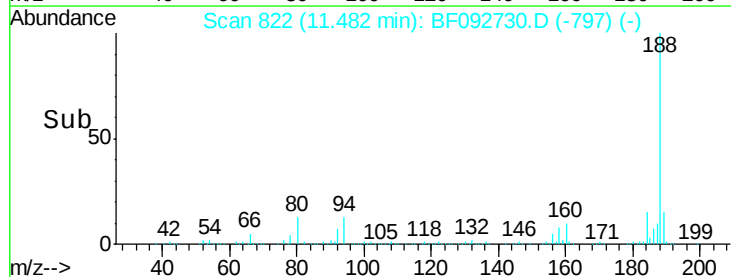
Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.9	10.0	15.0
80	13.4	11.2	16.8

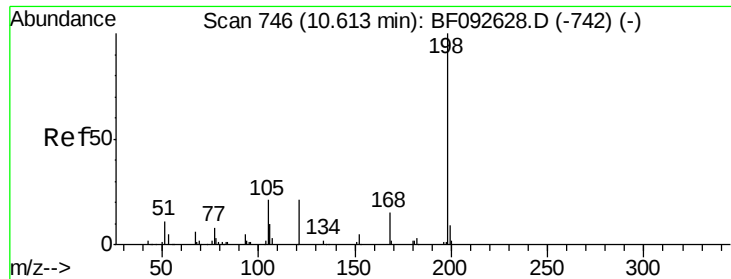


Abundance Ion 188.00 (187.70 to 188.70): E

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: 2.81 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.17 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

Instrument :

BNA_F

ClientSampleId :

SS-7

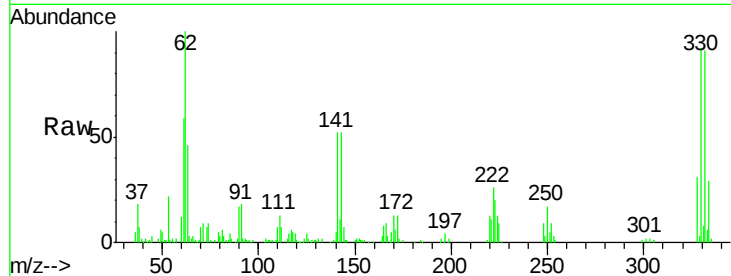
Tgt Ion:198 Resp: 257

Ion Ratio Lower Upper

198 100

51 342.7 6.7 46.7#

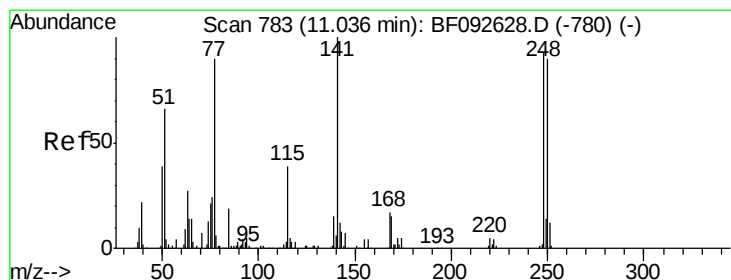
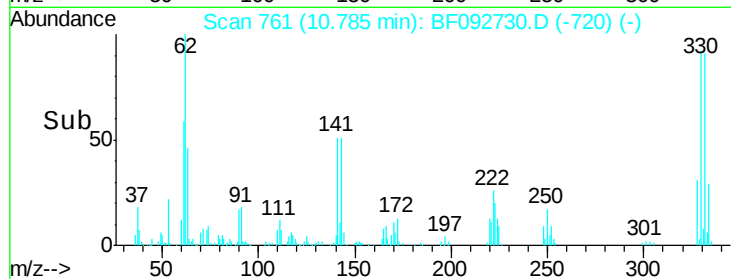
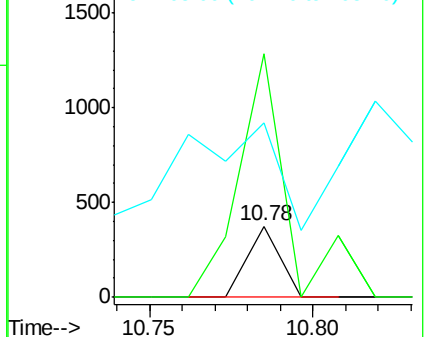
105 245.9 16.6 56.6#



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: 3.85 ng

RT: 10.78 min Scan# 761

Delta R.T. -0.25 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

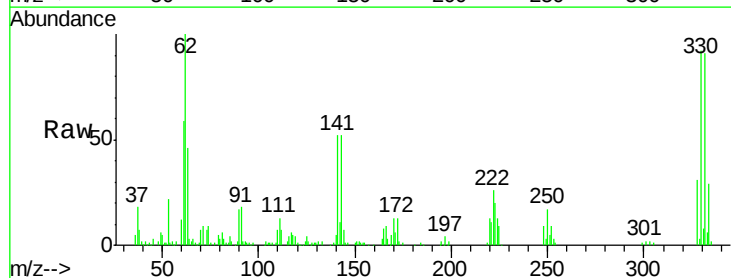
Tgt Ion:248 Resp: 11696

Ion Ratio Lower Upper

248 100

250 198.1 76.9 115.3#

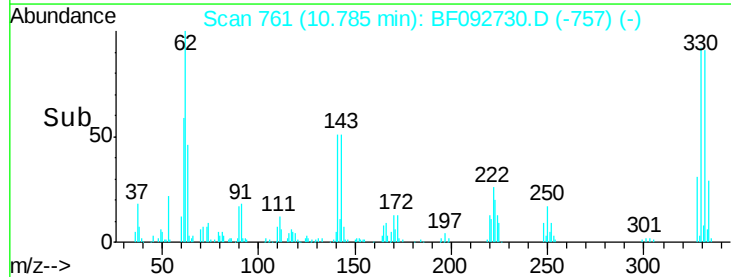
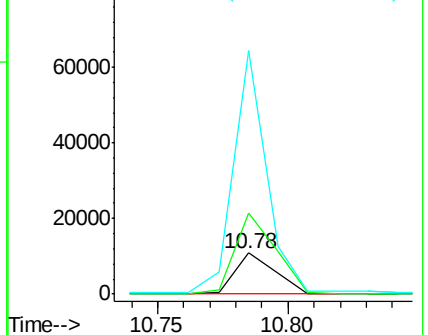
141 591.4 68.2 102.4#

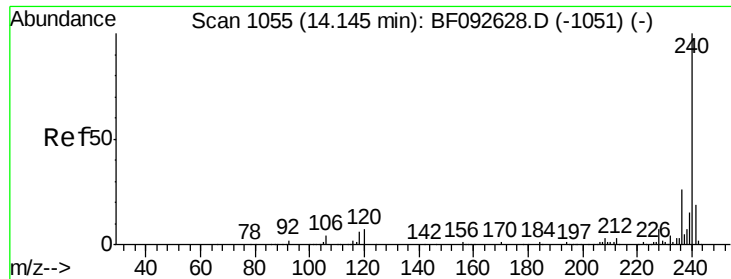


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

Instrument :

BNA_F

ClientSampleId :

SS-7

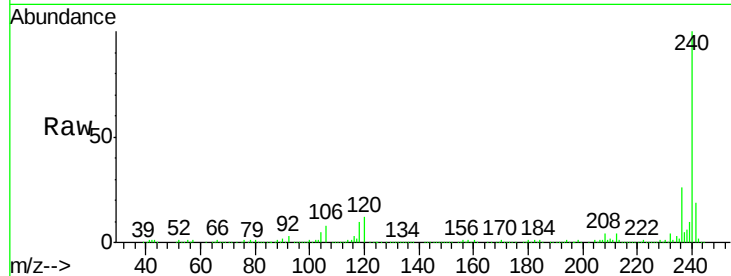
Tgt Ion:240 Resp: 320624

Ion Ratio Lower Upper

240 100

120 12.4 12.9 19.3#

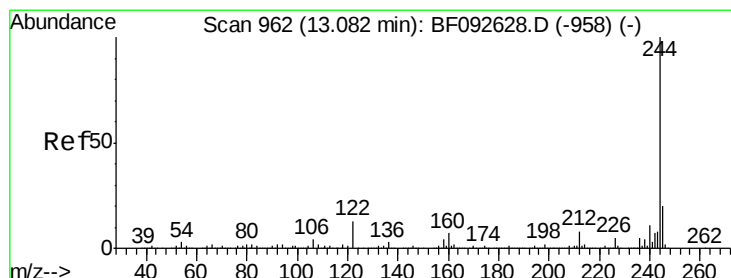
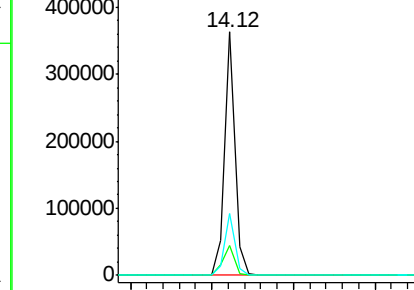
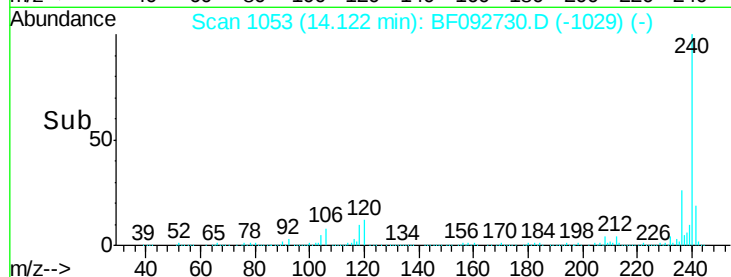
236 25.6 20.9 31.3



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: 55.22 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092730.D

Acq: 2 Feb 2017 4:26

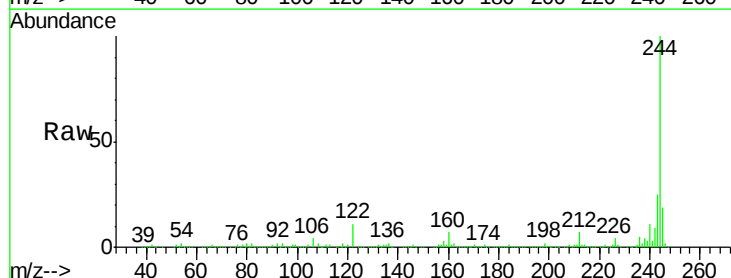
Tgt Ion:244 Resp: 753498

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

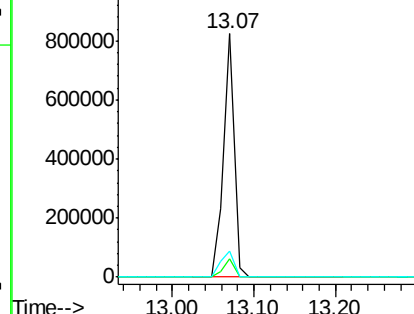
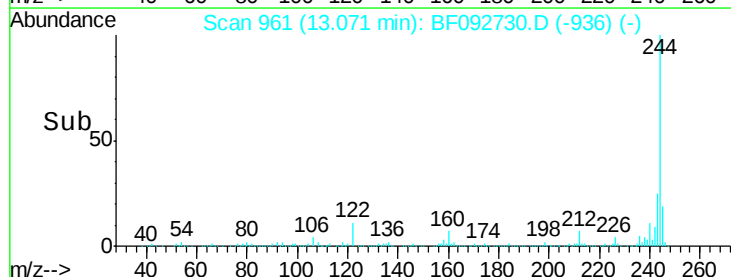
122 10.6 11.4 17.2#

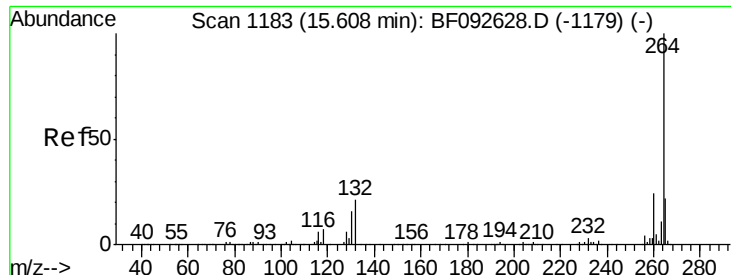


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

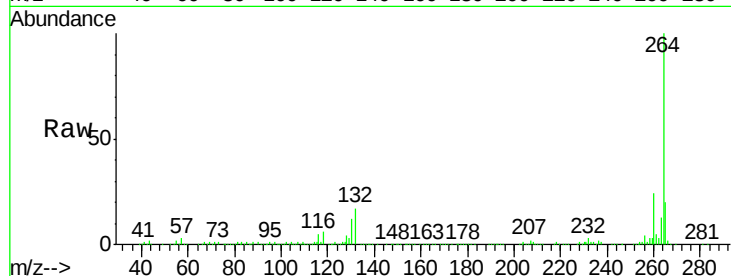




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.60 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF092730.D
Acq: 2 Feb 2017 4:26

Instrument :
BNA_F
ClientSampleId :
SS-7

Tgt Ion: 264 Resp: 282495
Ion Ratio Lower Upper
264 100
260 24.2 19.2 28.8
265 20.4 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

