

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090916\
 Data File : BF090050.D
 Acq On : 9 Sep 2016 17:00
 Operator : UM/SJ
 Sample : H4736-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 090816-DRDC-E-D-M

Quant Time: Sep 09 17:46:23 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 08 16:07:52 2016
 Response via : Initial Calibration

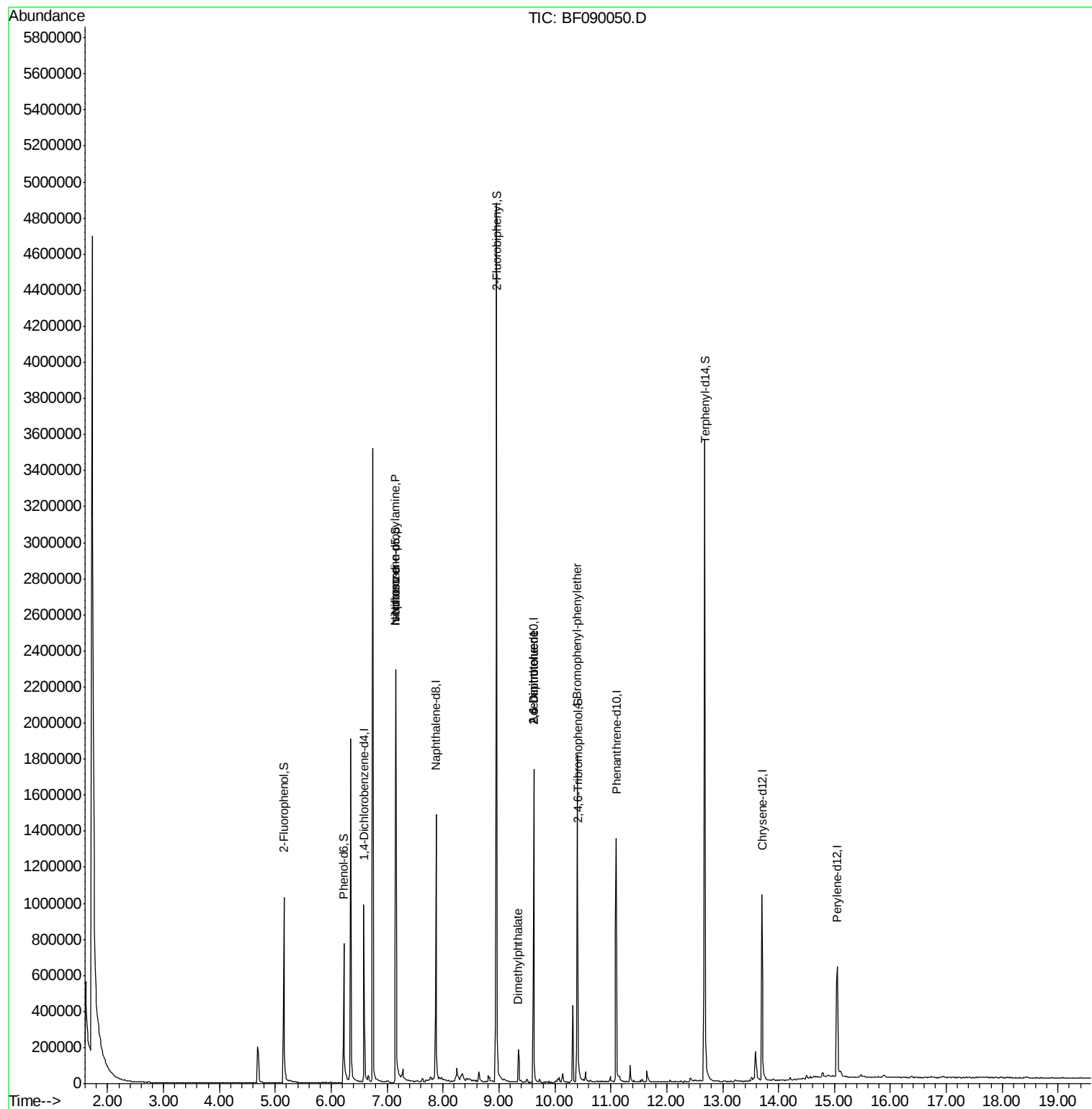
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	178139	20.00	ng	-0.02
21) Naphthalene-d8	7.87	136	745862	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	390843	20.00	ng	-0.01
63) Phenanthrene-d10	11.10	188	751186	20.00	ng	-0.01
75) Chrysene-d12	13.70	240	479870	20.00	ng	-0.02
86) Perylene-d12	15.05	264	372266	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.15	112	373472	33.56	ng	-0.01
7) Phenol-d6	6.23	99	346983	25.66	ng	-0.02
23) Nitrobenzene-d5	7.15	82	916256	71.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.41	330	328286	85.14	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	1977243	83.04	ng	-0.01
78) Terphenyl-d14	12.69	244	1921647	98.92	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.15	70	117092	13.29	ng	# 82
25) Isophorone	7.15	82	763698	29.20	ng	# 65
49) Dimethylphthalate	9.35	163	107167	3.79	ng	100
50) 2,6-Dinitrotoluene	9.62	165	50367	8.02	ng	# 26
56) 2,4-Dinitrotoluene	9.62	165	50369	6.32	ng	# 29
66) 4-Bromophenyl-phenylether	10.40	248	19573	2.59	ng	# 1

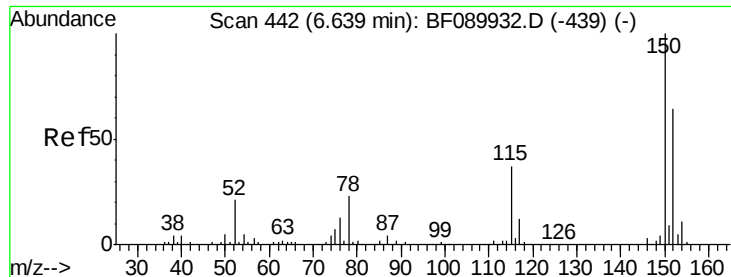
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 437

Delta R.T. -0.02 min

Lab File: BF090050.D

Acq: 9 Sep 2016 17:00

Instrument :

BNA_F

ClientSampleId :

090816-DRDC-E-D-M

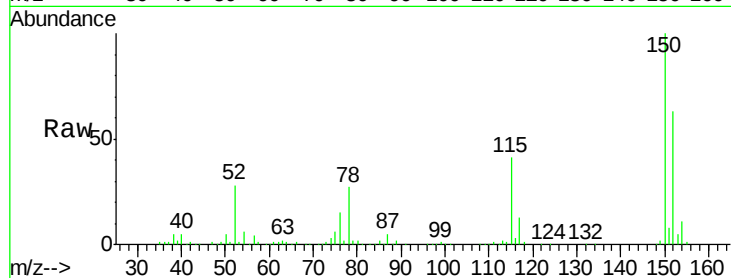
Tgt Ion:152 Resp: 178139

Ion Ratio Lower Upper

152 100

150 157.5 127.4 191.2

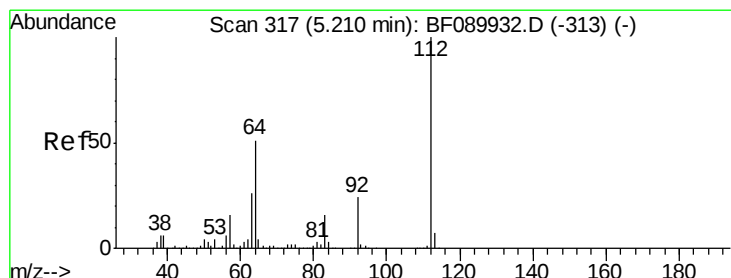
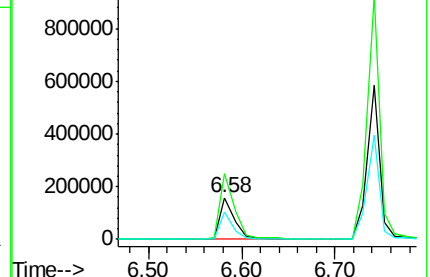
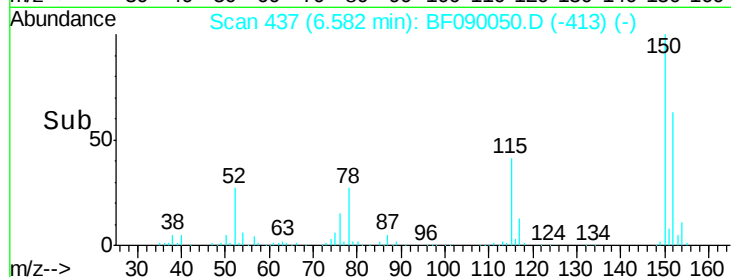
115 64.8 46.3 69.5



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: 33.56 ng

RT: 5.15 min Scan# 312

Delta R.T. -0.01 min

Lab File: BF090050.D

Acq: 9 Sep 2016 17:00

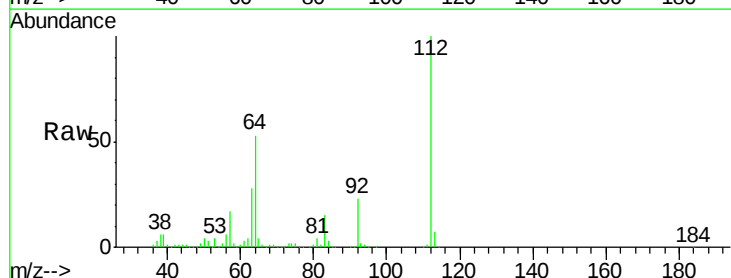
Tgt Ion:112 Resp: 373472

Ion Ratio Lower Upper

112 100

64 53.5 41.1 61.7

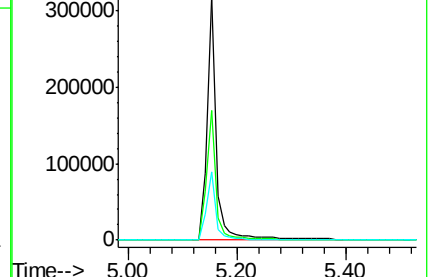
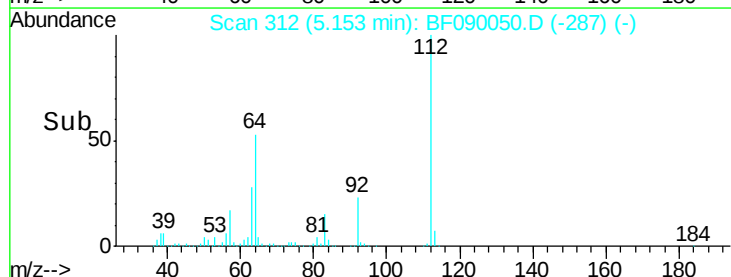
63 27.8 21.2 31.8

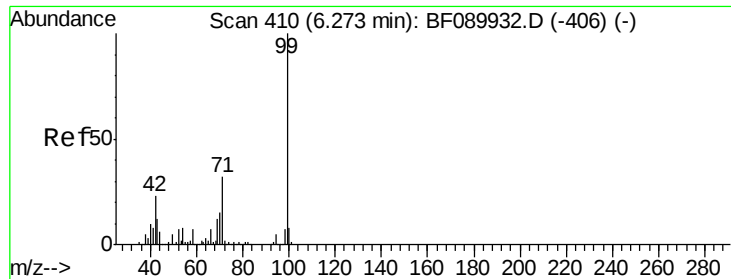


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 25.66 ng

RT: 6.23 min Scan# 406

Delta R.T. -0.02 min

Lab File: BF090050.D

Acq: 9 Sep 2016 17:00

Instrument :

BNA_F

ClientSampleId :

090816-DRDC-E-D-M

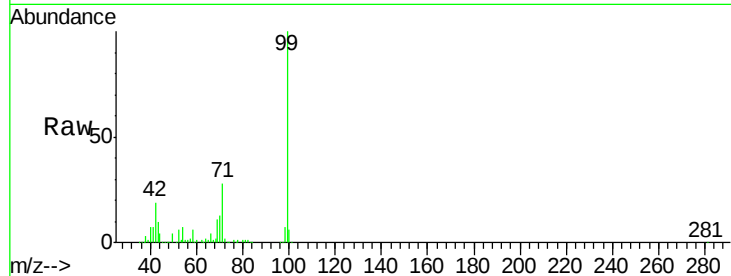
Tgt Ion: 99 Resp: 346983

Ion Ratio Lower Upper

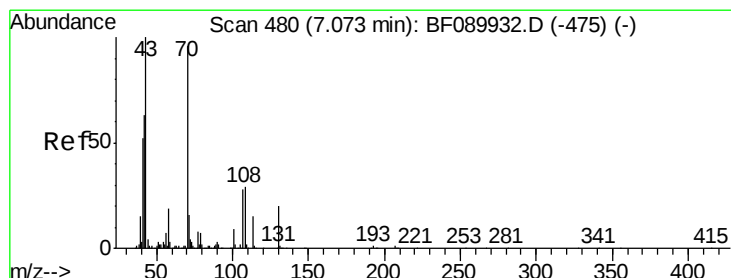
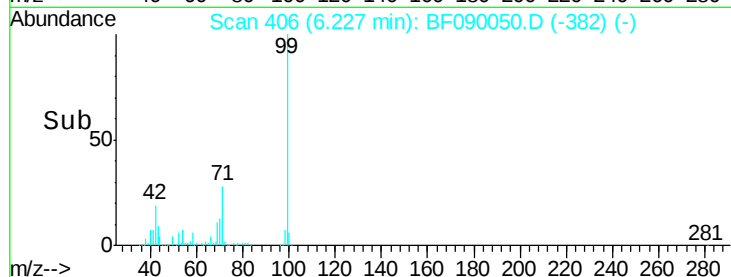
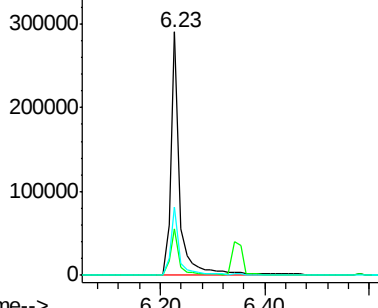
99 100

42 19.0 18.6 27.8

71 28.1 25.8 38.6



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: 13.29 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF090050.D

Acq: 9 Sep 2016 17:00

Tgt Ion: 70 Resp: 117092

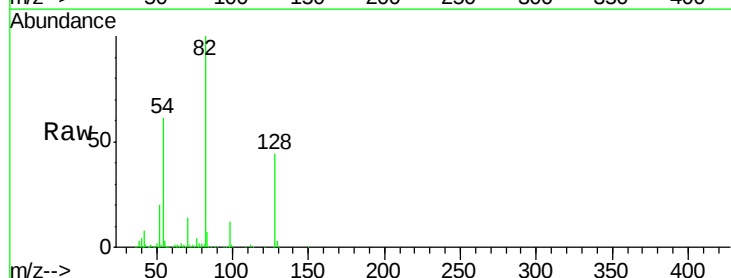
Ion Ratio Lower Upper

70 100

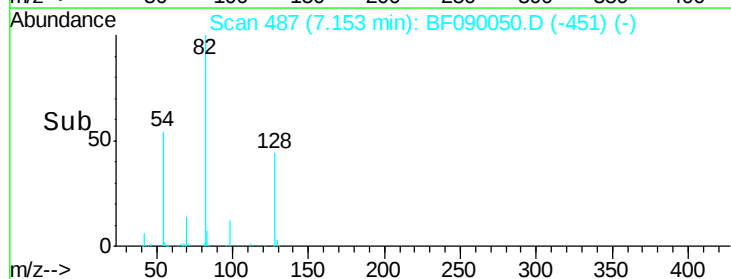
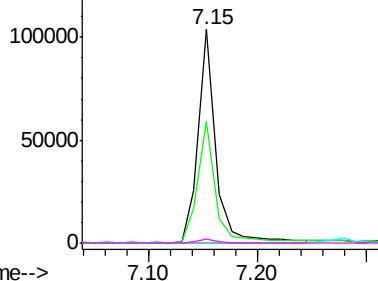
42 57.1 52.1 78.1

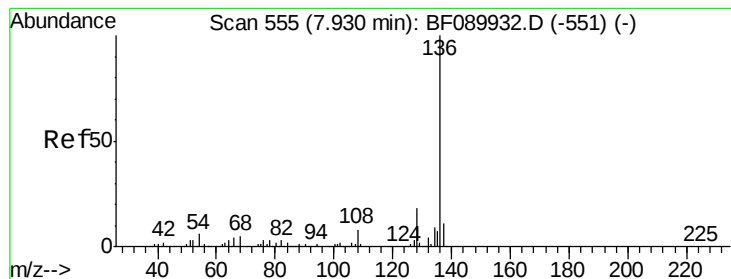
101 0.0 7.4 11.2#

130 2.1 17.0 25.4#



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

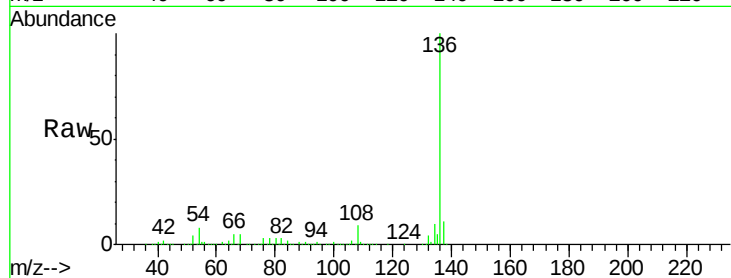




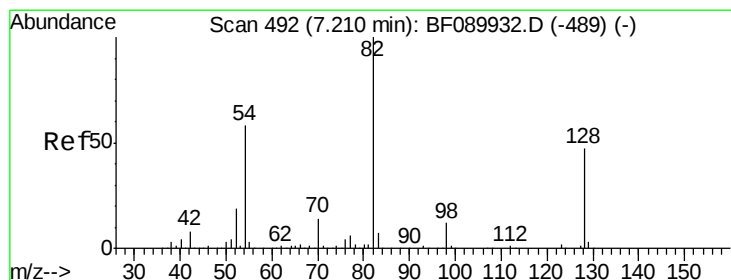
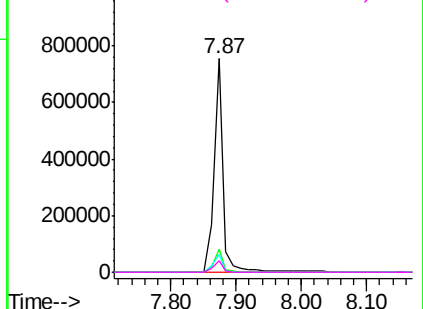
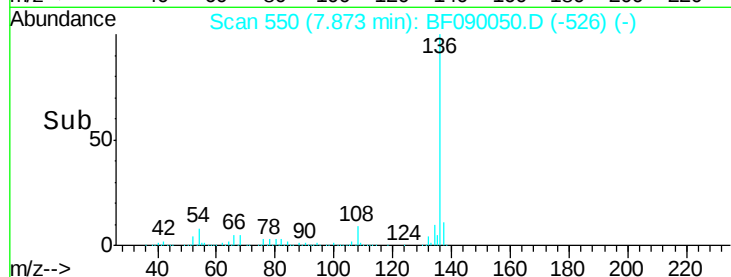
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.87 min Scan# 550
Delta R.T. -0.02 min
Lab File: BF090050.D
Acq: 9 Sep 2016 17:00

Instrument :
BNA_F
ClientSampleId :
090816-DRDC-E-D-M

Tgt Ion:	136	Resp:	745862
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.3	12.5
54	8.1	4.8	7.2#
68	5.3	3.7	5.5

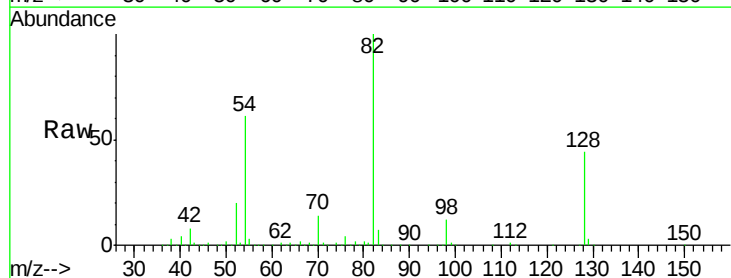


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

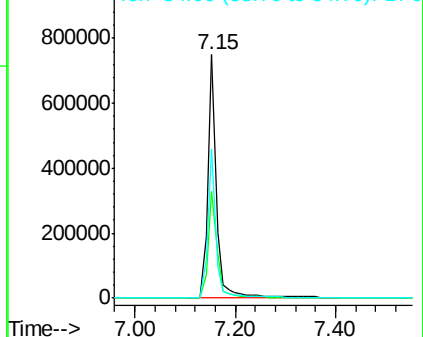
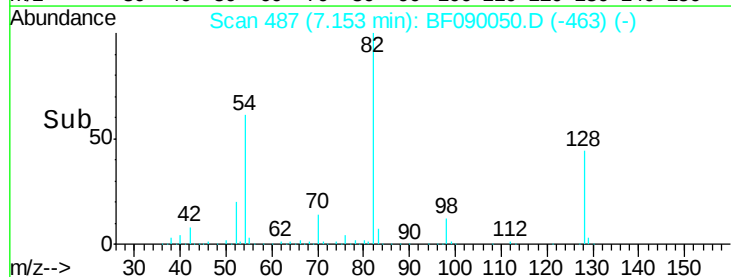


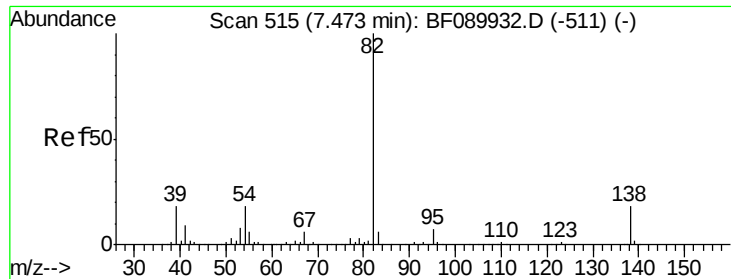
#23
Nitrobenzene-d5
Concen: 71.24 ng
RT: 7.15 min Scan# 487
Delta R.T. -0.02 min
Lab File: BF090050.D
Acq: 9 Sep 2016 17:00

Tgt Ion:	82	Resp:	916256
Ion	Ratio	Lower	Upper
82	100		
128	43.8	37.8	56.8
54	61.0	46.9	70.3



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: 29.20 ng

RT: 7.15 min Scan# 487

Delta R.T. -0.29 min

Lab File: BF090050.D

Acq: 9 Sep 2016 17:00

Instrument :

BNA_F

ClientSampleId :

090816-DRDC-E-D-M

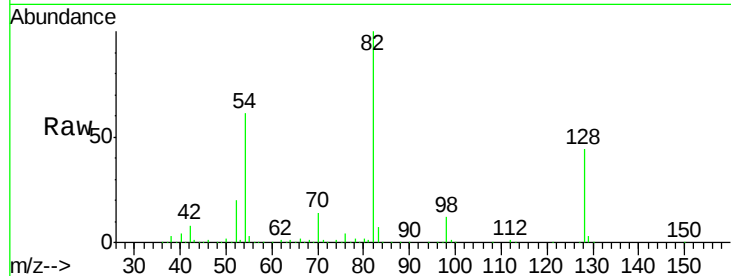
Tgt Ion: 82 Resp: 763698

Ion Ratio Lower Upper

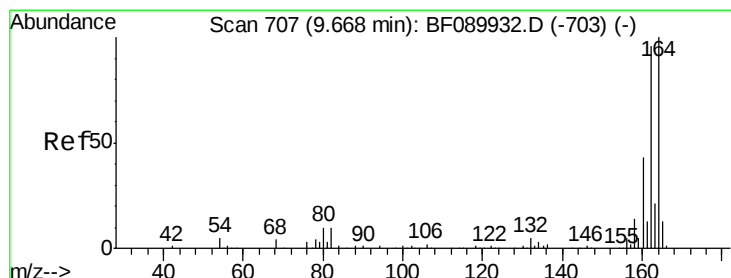
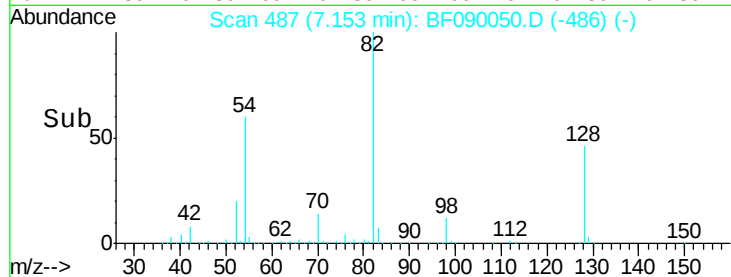
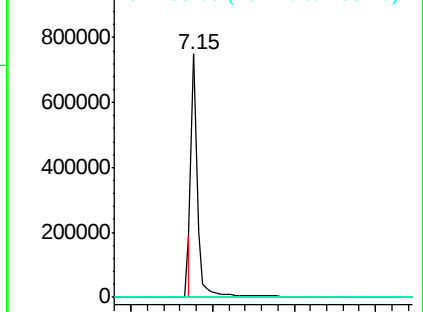
82 100

95 0.0 5.5 8.3#

138 0.0 14.4 21.6#



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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.01 min

Lab File: BF090050.D

Acq: 9 Sep 2016 17:00

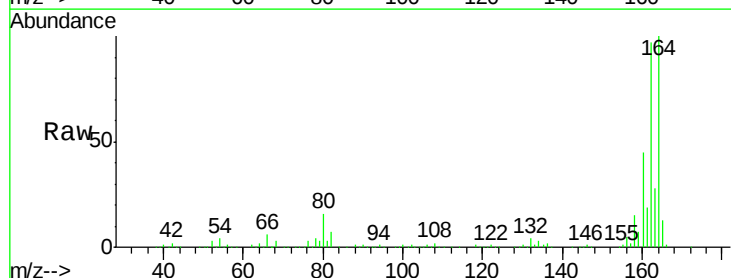
Tgt Ion: 164 Resp: 390843

Ion Ratio Lower Upper

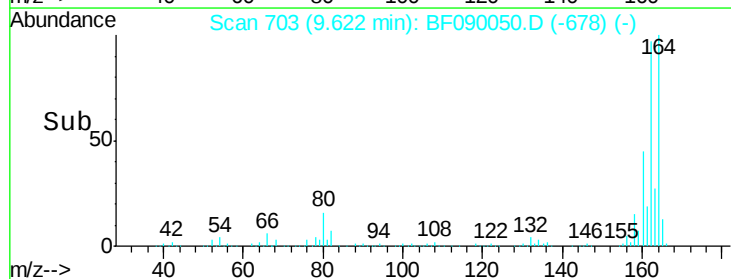
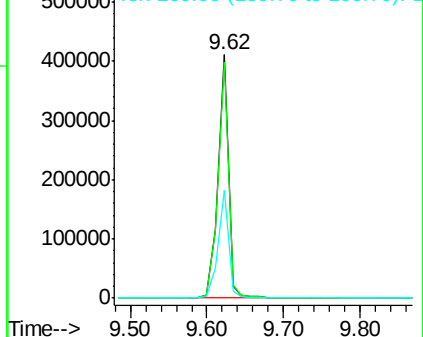
164 100

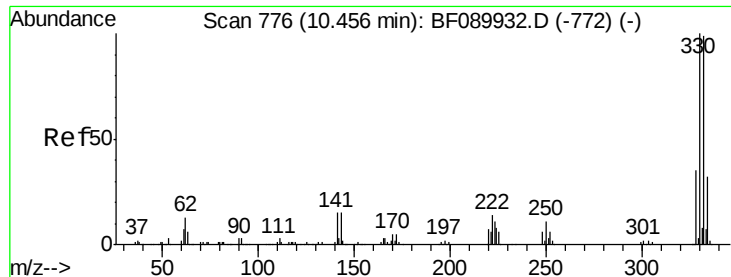
162 97.1 77.1 115.7

160 44.6 35.3 52.9



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

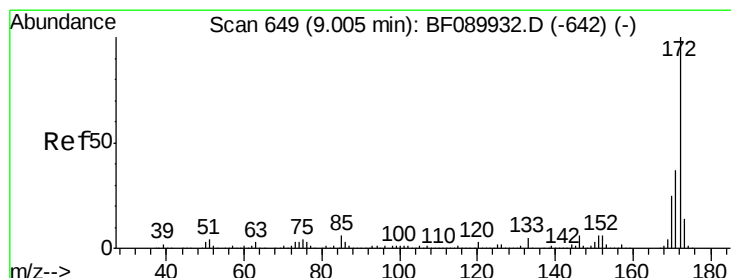
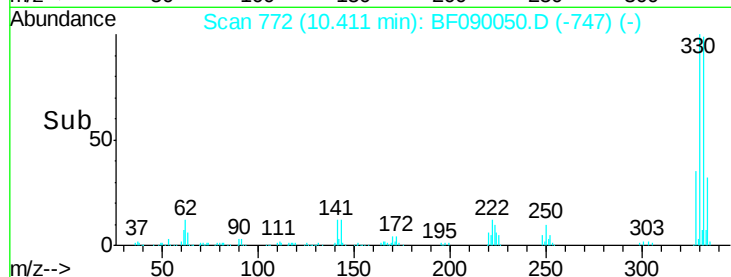
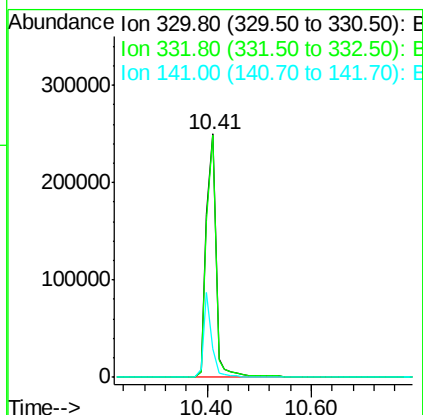
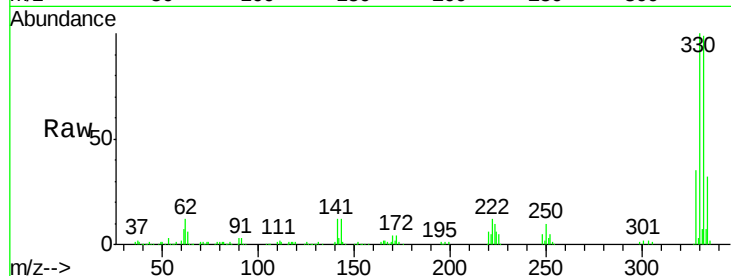




#41
 2,4,6-Tribromophenol
 Concen: 85.14 ng
 RT: 10.41 min Scan# 772
 Delta R.T. -0.01 min
 Lab File: BF090050.D
 Acq: 9 Sep 2016 17:00

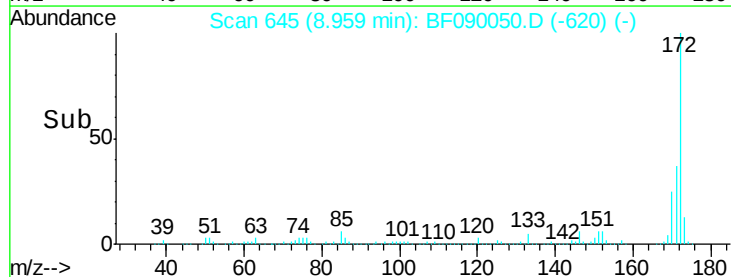
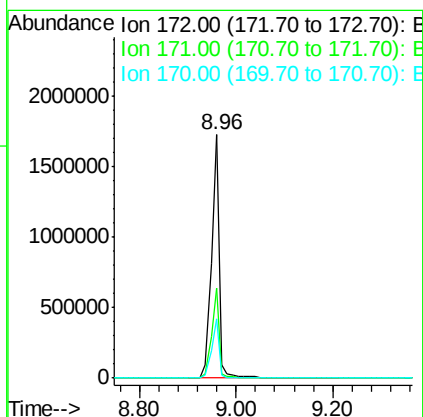
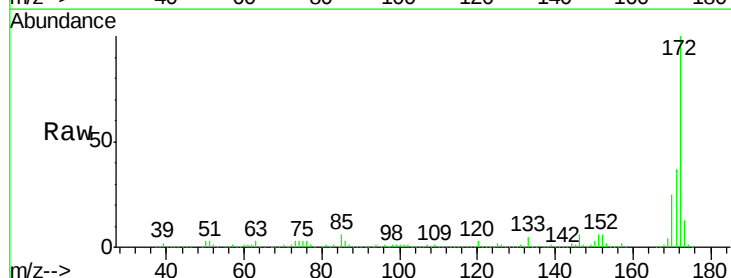
Instrument :
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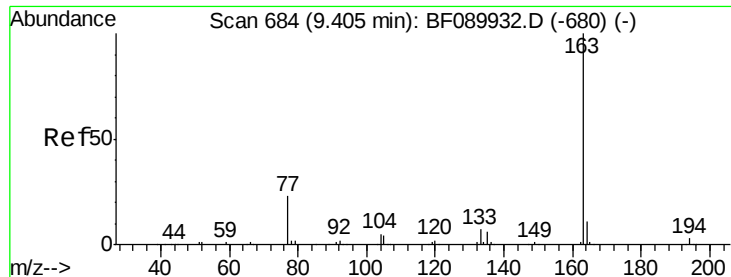
Tgt Ion:330 Resp: 328286
 Ion Ratio Lower Upper
 330 100
 332 97.3 78.6 117.8
 141 29.2 23.3 34.9



#44
 2-Fluorobiphenyl
 Concen: 83.04 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF090050.D
 Acq: 9 Sep 2016 17:00

Tgt Ion:172 Resp: 1977243
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.2
 170 24.5 20.1 30.1

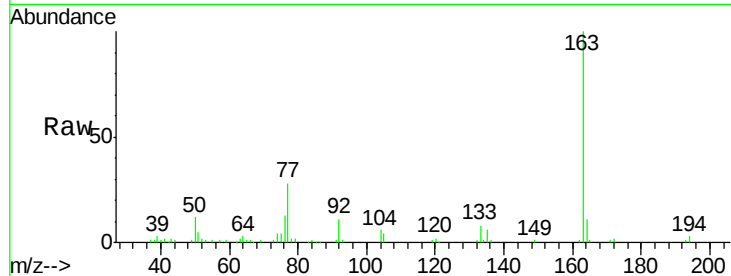




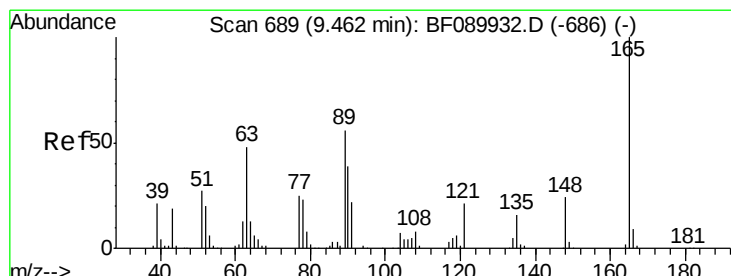
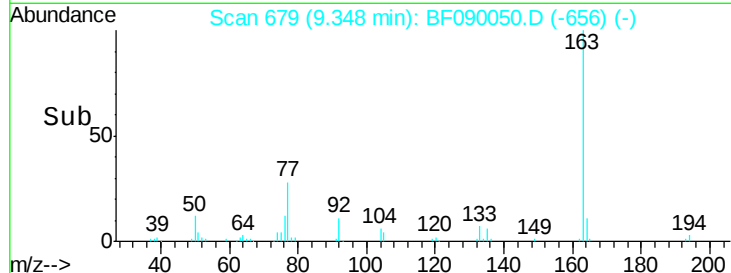
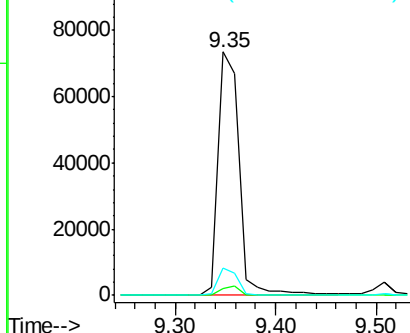
#49
Dimethylphthalate
Concen: 3.79 ng
RT: 9.35 min Scan# 679
Delta R.T. -0.03 min
Lab File: BF090050.D
Acq: 9 Sep 2016 17:00

Instrument :
BNA_F
ClientSampleId :
090816-DRDC-E-D-M

Tgt Ion:163 Resp: 107167
Ion Ratio Lower Upper
163 100
194 2.9 2.7 4.1
164 11.2 9.0 13.4

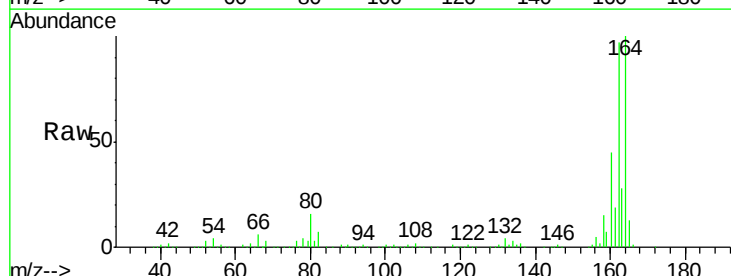


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

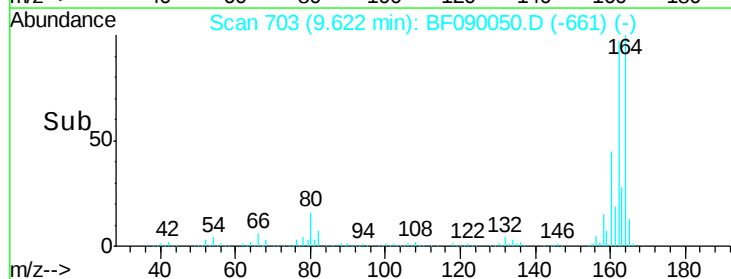
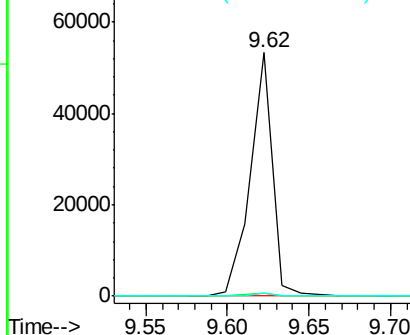


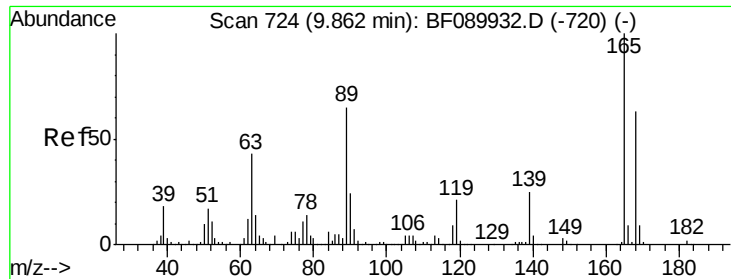
#50
2,6-Dinitrotoluene
Concen: 8.02 ng
RT: 9.62 min Scan# 703
Delta R.T. 0.18 min
Lab File: BF090050.D
Acq: 9 Sep 2016 17:00

Tgt Ion:165 Resp: 50367
Ion Ratio Lower Upper
165 100
63 1.1 45.0 67.4#
89 1.3 41.5 62.3#



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

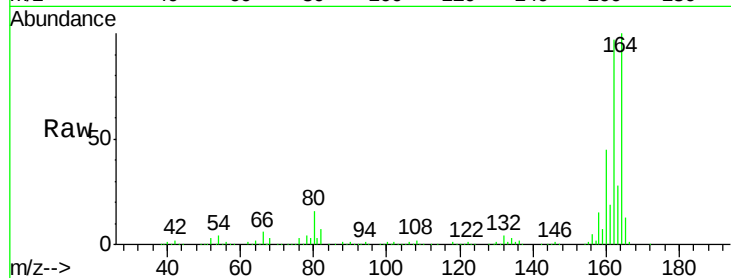




#56
 2,4-Dinitrotoluene
 Concen: 6.32 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.21 min
 Lab File: BF090050.D
 Acq: 9 Sep 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 090816-DRDC-E-D-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	32.5	48.7#
89	1.3	48.3	72.5#
182	0.0	1.7	2.5#

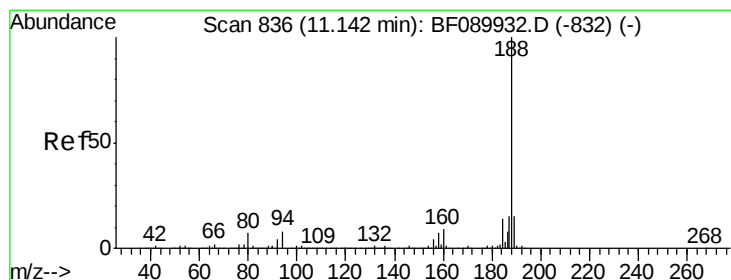
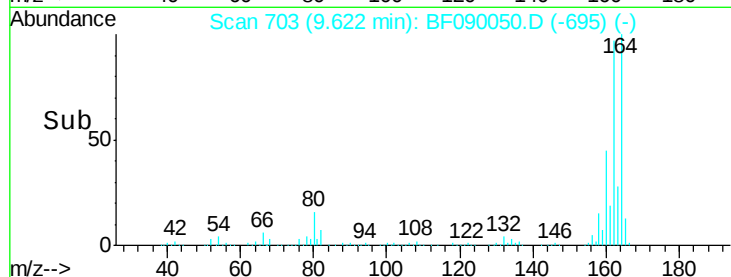
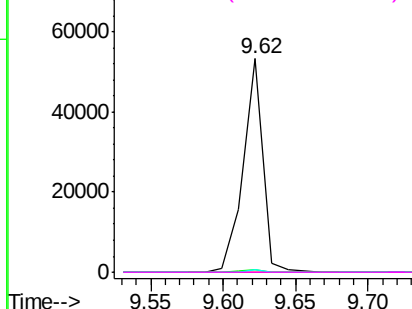


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

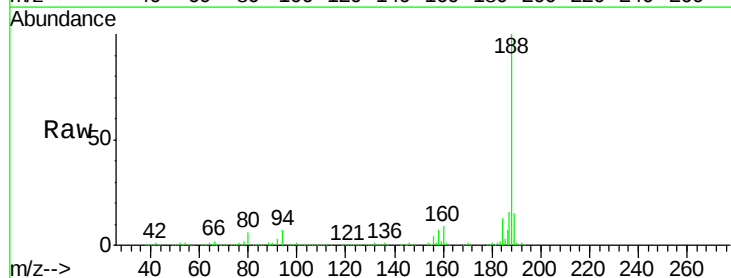
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.10 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF090050.D
 Acq: 9 Sep 2016 17:00

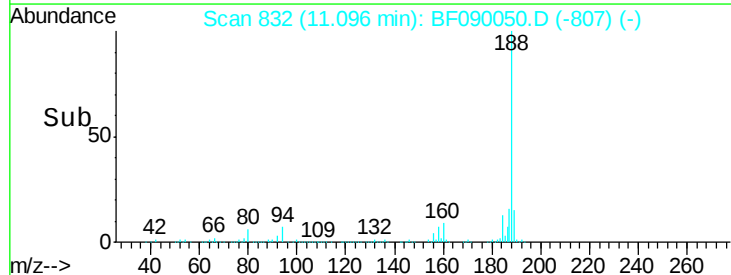
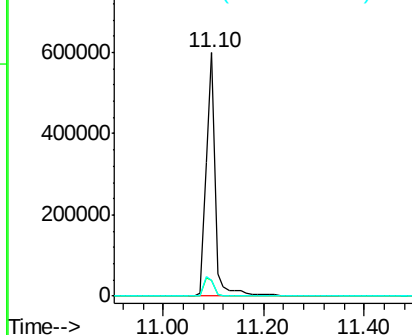
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.7	5.9	8.9
80	6.3	5.8	8.8

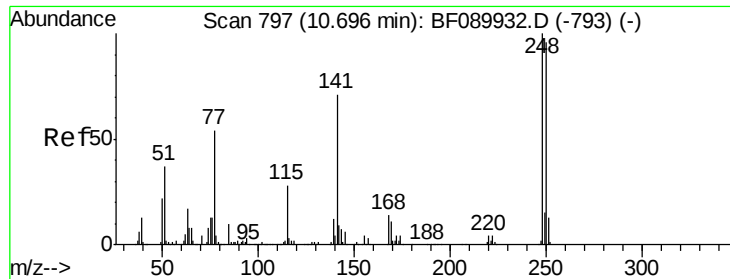


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

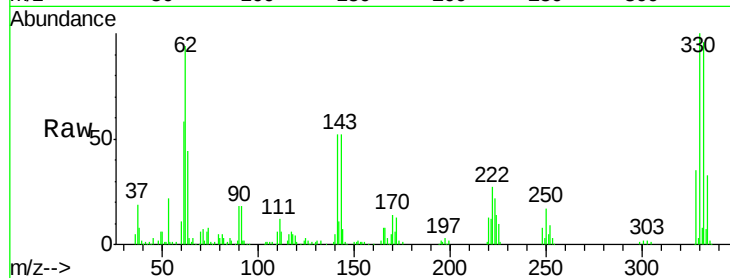




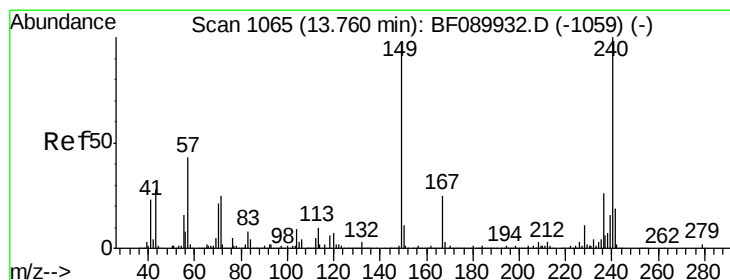
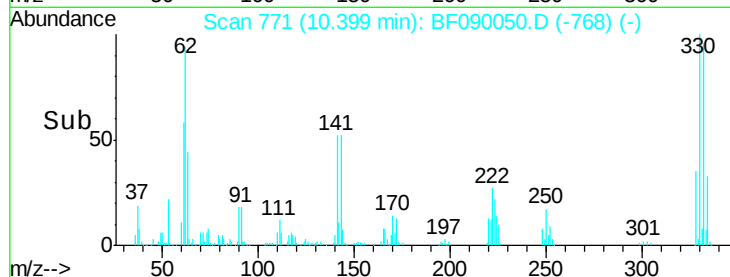
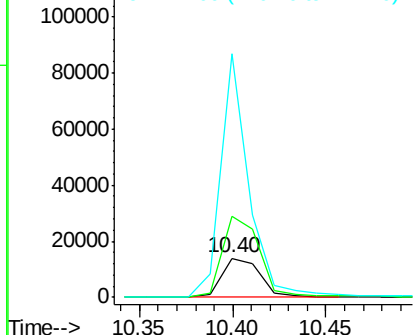
#66
4-Bromophenyl-phenylether
Concen: 2.59 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.26 min
Lab File: BF090050.D
Acq: 9 Sep 2016 17:00

Instrument :
BNA_F
ClientSampleId :
090816-DRDC-E-D-M

Tgt Ion:248 Resp: 19573
Ion Ratio Lower Upper
248 100
250 207.4 77.3 115.9#
141 619.4 55.8 83.8#

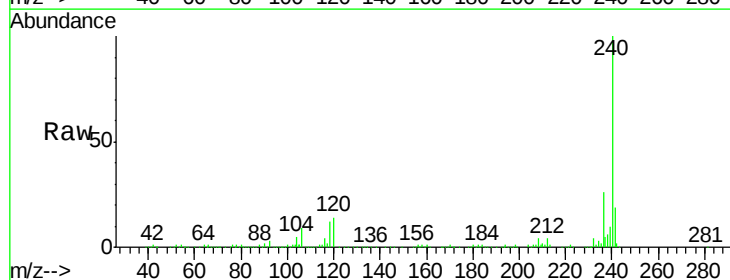


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

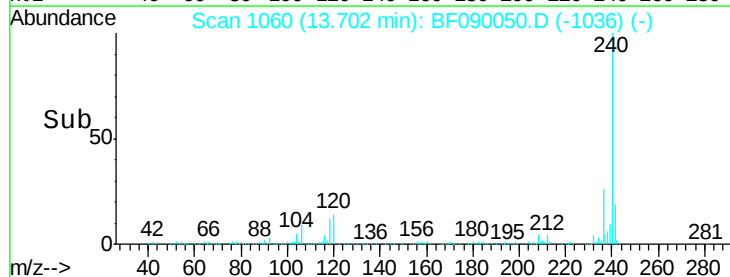
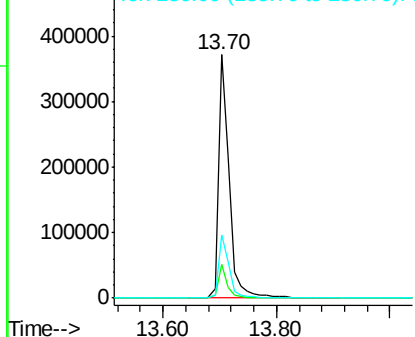


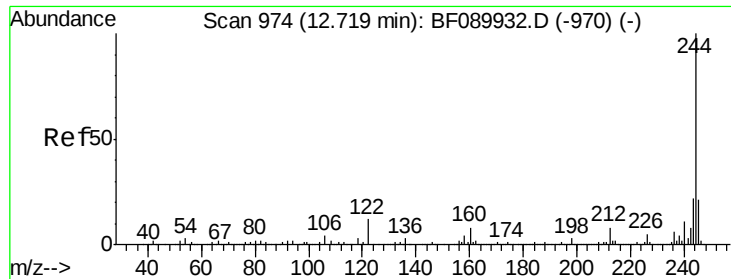
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.70 min Scan# 1060
Delta R.T. -0.02 min
Lab File: BF090050.D
Acq: 9 Sep 2016 17:00

Tgt Ion:240 Resp: 479870
Ion Ratio Lower Upper
240 100
120 13.8 5.7 8.5#
236 25.8 21.3 31.9



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

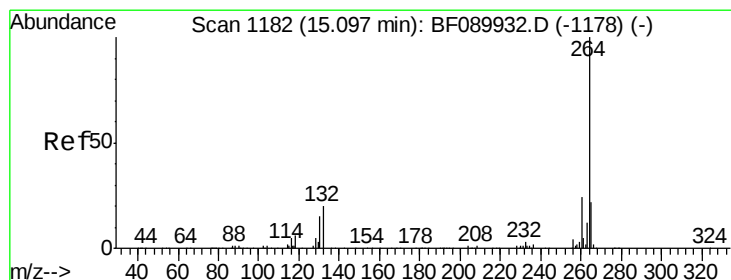
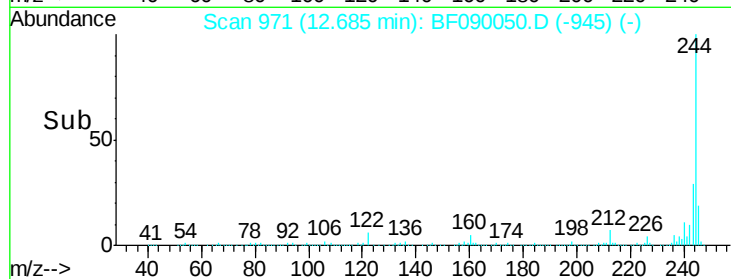
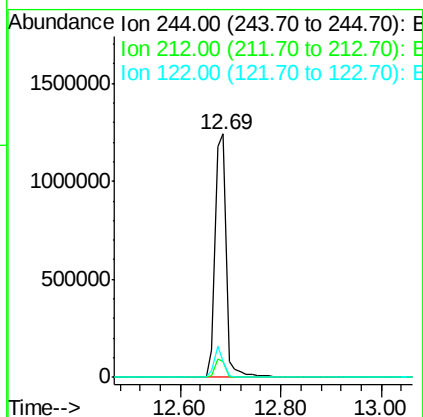
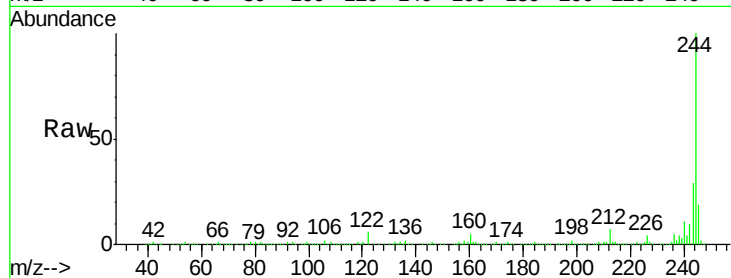




#78
 Terphenyl-d14
 Concen: 98.92 ng
 RT: 12.69 min Scan# 971
 Delta R.T. 0.00 min
 Lab File: BF090050.D
 Acq: 9 Sep 2016 17:00

Instrument :
 BNA_F
 ClientSampleId :
 090816-DRDC-E-D-M

Tgt Ion:244 Resp: 1921647
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 6.3 9.6 14.4#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF090050.D
 Acq: 9 Sep 2016 17:00

Tgt Ion:264 Resp: 372266
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.4 29.0
 265 21.5 17.4 26.2

