

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080299.D
 Acq On : 2 Jul 2015 6:17
 Operator : TP/UM
 Sample : G2838-12
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2

Quant Time: Jul 02 08:14:06 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 03:50:52 2015
 Response via : Initial Calibration

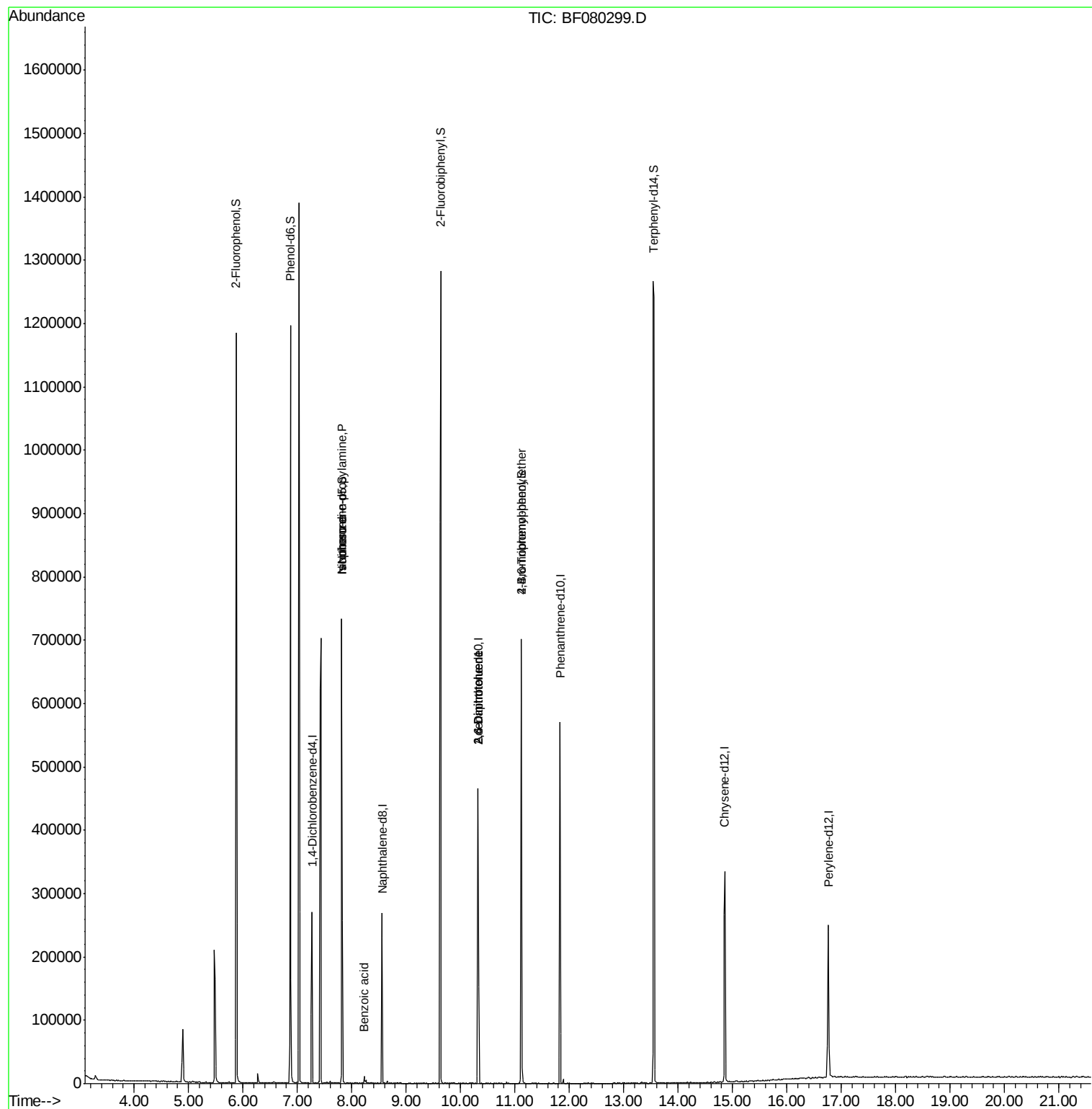
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	45628	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	169312	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	93940	20.00	ng	0.00
63) Phenanthrene-d10	11.83	188	198030	20.00	ng	0.00
75) Chrysene-d12	14.86	240	176669	20.00	ng	0.11
86) Perylene-d12	16.77	264	161920	20.00	ng	0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	299396	113.63	ng	0.00
7) Phenol-d6	6.87	99	357561	101.09	ng	0.00
23) Nitrobenzene-d5	7.82	82	237320	77.17	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	116402	130.13	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	532640	81.61	ng	0.00
78) Terphenyl-d14	13.56	244	641492	85.05	ng	0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.82	70	30535	12.98	ng	# 84
25) Isophorone	7.82	82	234381	39.22	ng	# 65
32) Benzoic acid	8.23	122	3250	5.56	ng	93
50) 2,6-Dinitrotoluene	10.32	165	12157	8.29	ng	# 43
56) 2,4-Dinitrotoluene	10.32	165	12155	6.39	ng	# 19
66) 4-Bromophenyl-phenylether	11.12	248	8177	3.82	ng	# 1

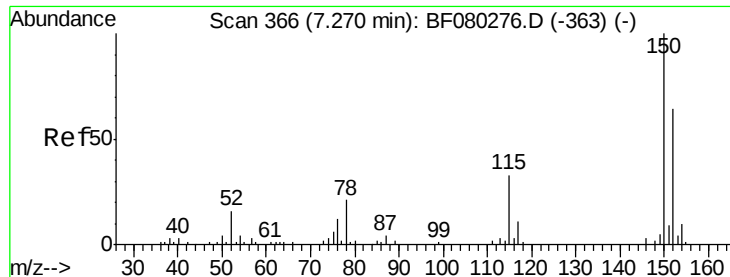
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF080299.D

Acq: 2 Jul 2015 6:17

Instrument :

BNA_F

ClientSampleId :

TEC-B2

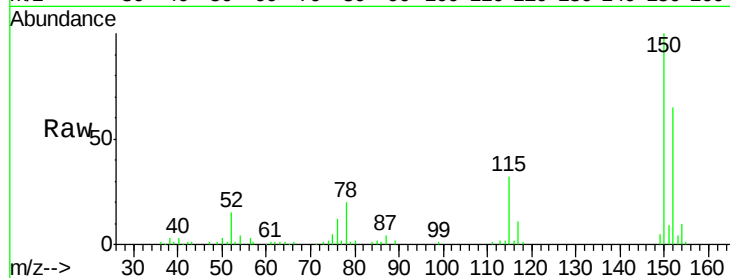
Tgt Ion:152 Resp: 45628

Ion Ratio Lower Upper

152 100

150 153.7 124.7 187.1

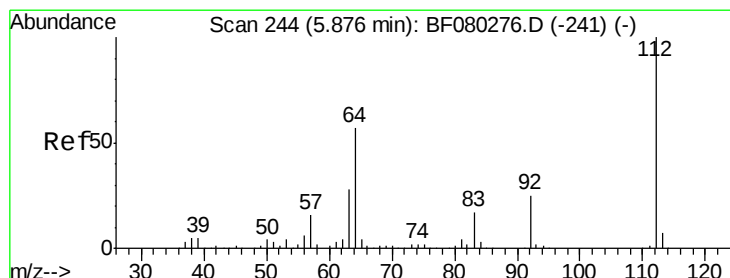
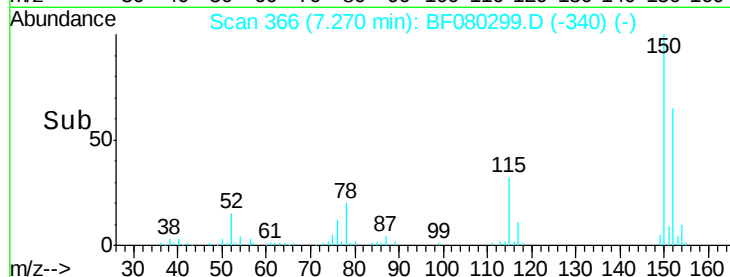
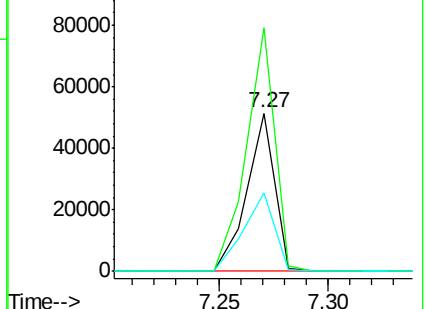
115 49.3 41.0 61.6



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: 113.63 ng

RT: 5.88 min Scan# 244

Delta R.T. 0.00 min

Lab File: BF080299.D

Acq: 2 Jul 2015 6:17

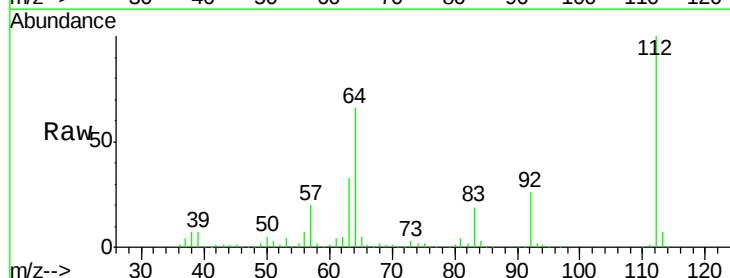
Tgt Ion:112 Resp: 299396

Ion Ratio Lower Upper

112 100

64 66.0 45.5 68.3

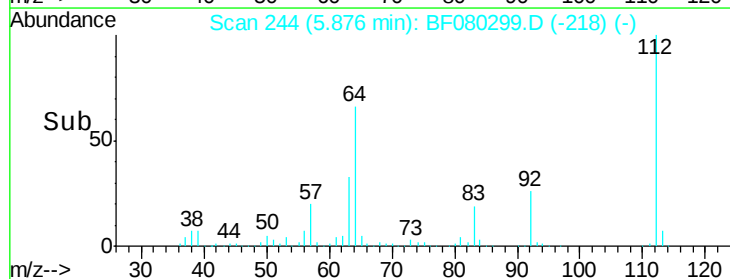
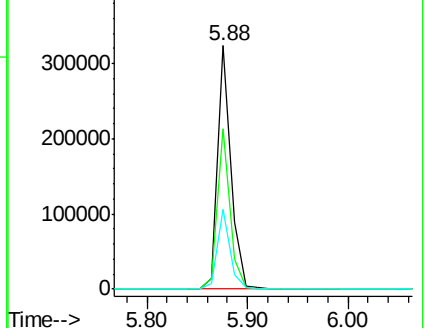
63 32.5 22.4 33.6

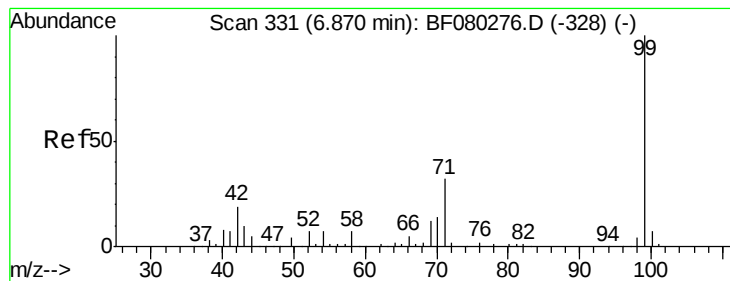


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 101.09 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080299.D

Acq: 2 Jul 2015 6:17

Instrument :

BNA_F

ClientSampled :

TEC-B2

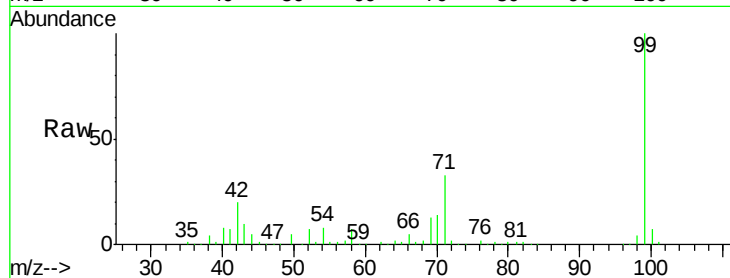
Tgt Ion: 99 Resp: 357561

Ion Ratio Lower Upper

99 100

42 19.7 15.4 23.2

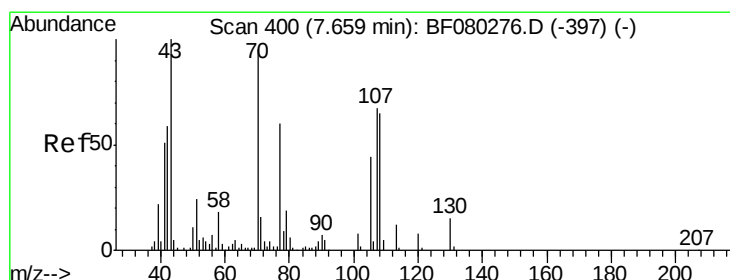
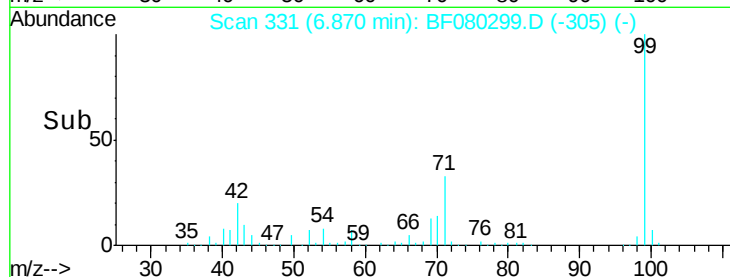
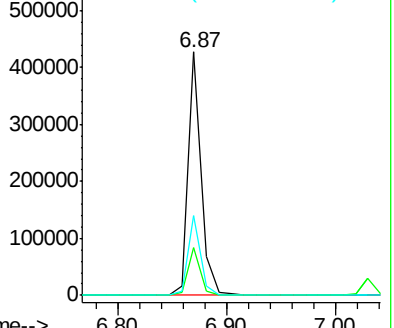
71 33.0 25.8 38.8



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: 12.98 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.16 min

Lab File: BF080299.D

Acq: 2 Jul 2015 6:17

Tgt Ion: 70 Resp: 30535

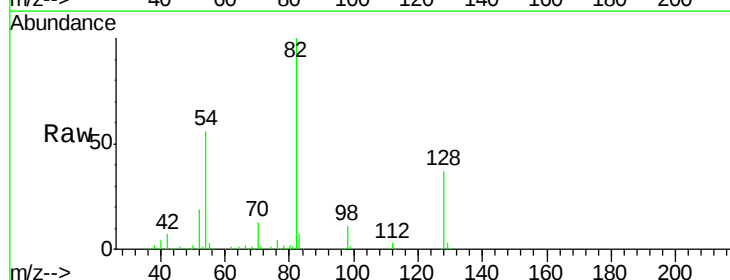
Ion Ratio Lower Upper

70 100

42 54.3 49.8 74.8

101 0.0 6.8 10.2#

130 1.8 13.0 19.4#

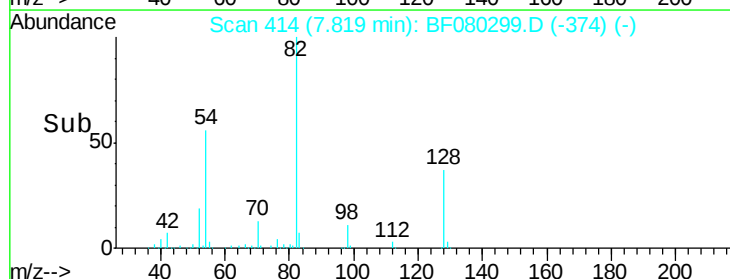
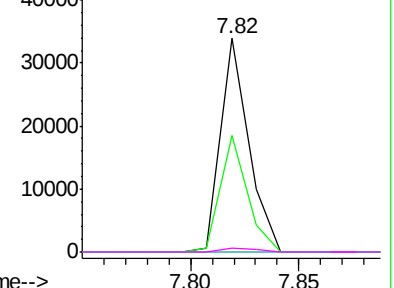


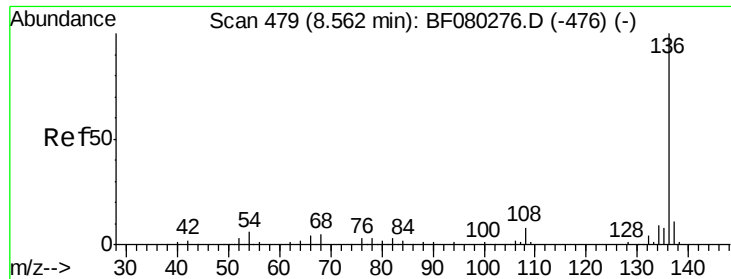
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

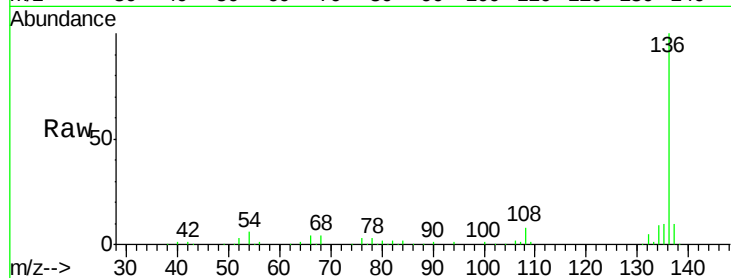




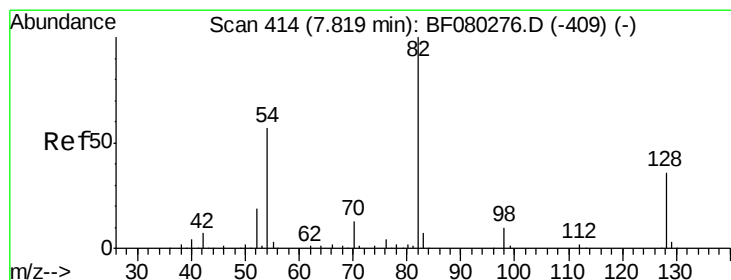
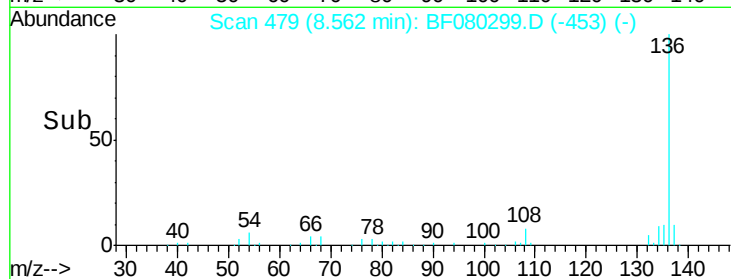
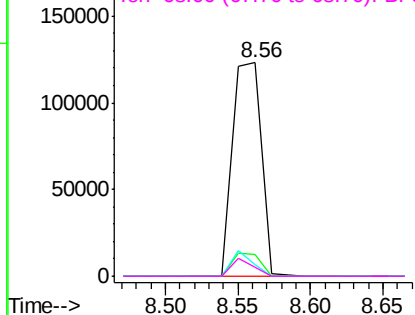
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080299.D
Acq: 2 Jul 2015 6:17

Instrument :
BNA_F
ClientSampleId :
TEC-B2

Tgt Ion:	136	Resp:	169312
Ion	Ratio	Lower	Upper
136	100		
137	10.0	8.4	12.6
54	5.7	4.9	7.3
68	4.0	4.0	6.0

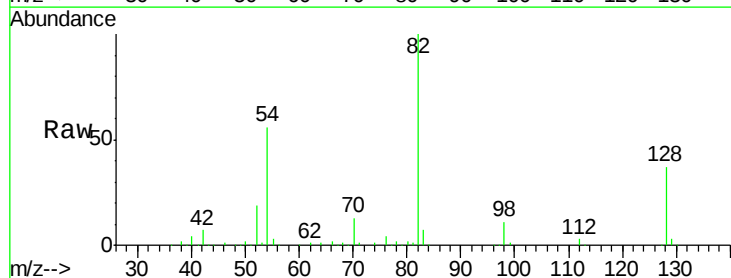


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

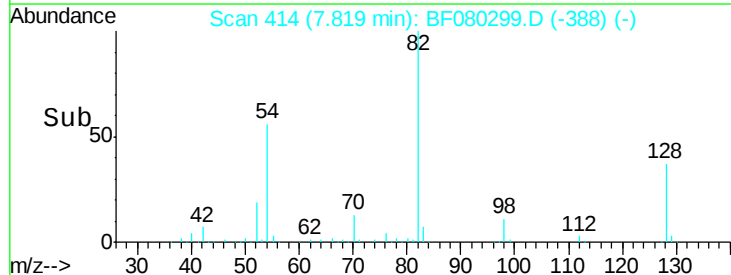
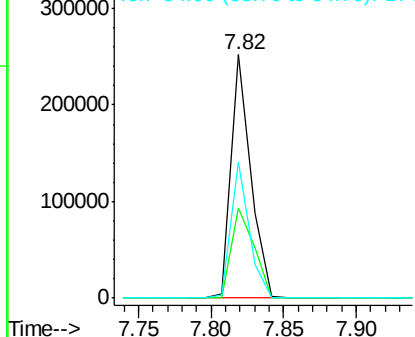


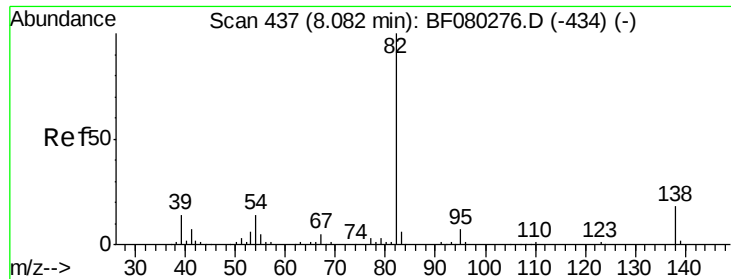
#23
Nitrobenzene-d5
Concen: 77.17 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080299.D
Acq: 2 Jul 2015 6:17

Tgt Ion:	82	Resp:	237320
Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.0	43.4
54	56.1	45.3	67.9



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

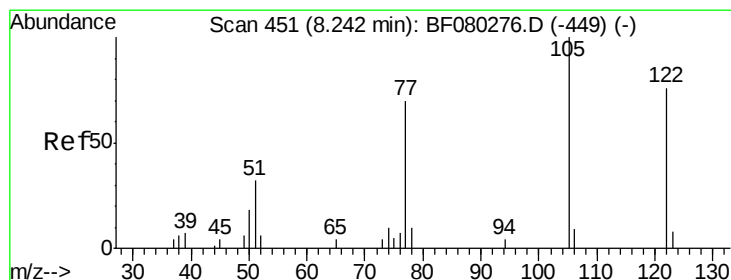
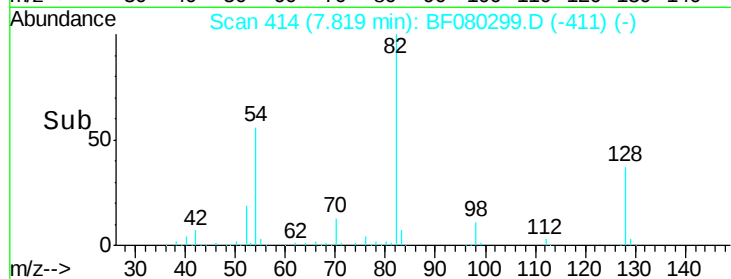
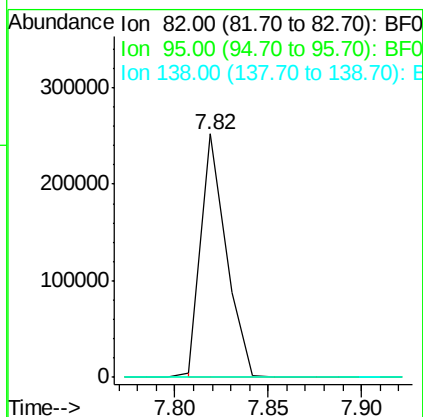
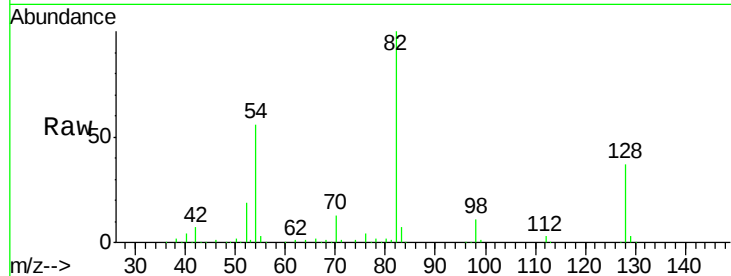




#25
Isophorone
Concen: 39.22 ng
RT: 7.82 min Scan# 414
Delta R.T. -0.26 min
Lab File: BF080299.D
Acq: 2 Jul 2015 6:17

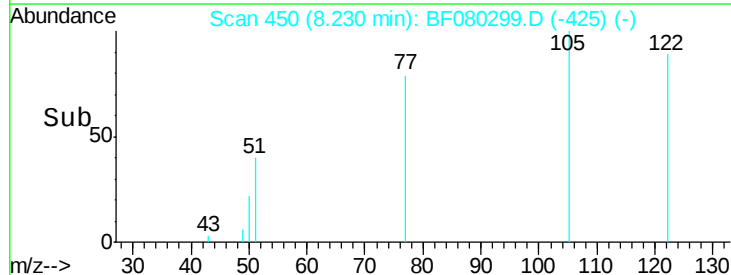
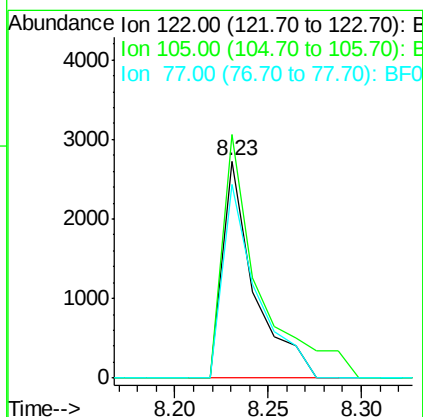
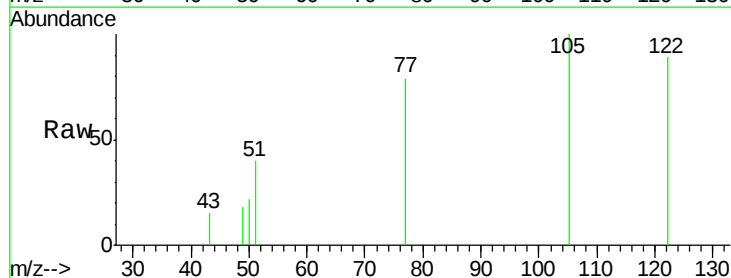
Instrument :
BNA_F
ClientSampleId :
TEC-B2

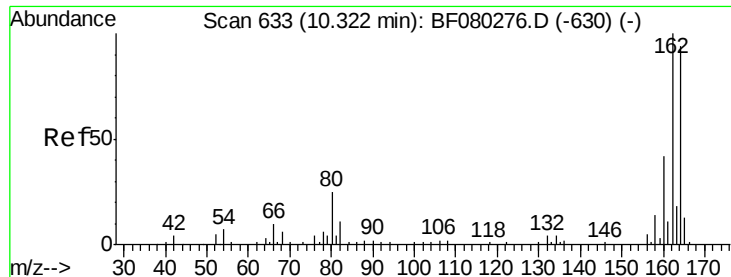
Tgt Ion: 82 Resp: 234381
Ion Ratio Lower Upper
82 100
95 0.0 5.3 7.9#
138 0.0 14.4 21.6#



#32
Benzoic acid
Concen: 5.56 ng
RT: 8.23 min Scan# 450
Delta R.T. -0.01 min
Lab File: BF080299.D
Acq: 2 Jul 2015 6:17

Tgt Ion: 122 Resp: 3250
Ion Ratio Lower Upper
122 100
105 112.1 103.3 143.3
77 88.9 71.5 111.5

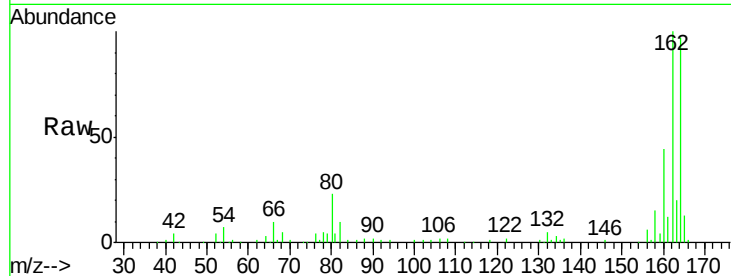




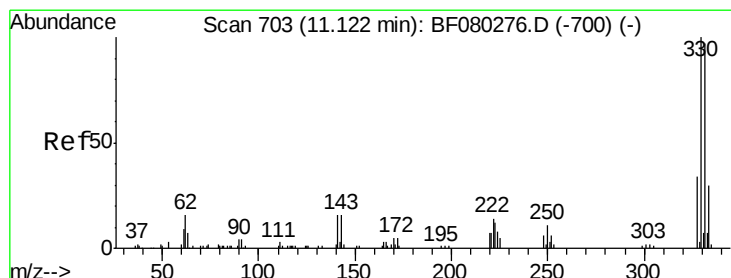
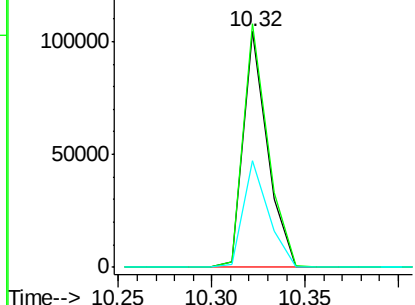
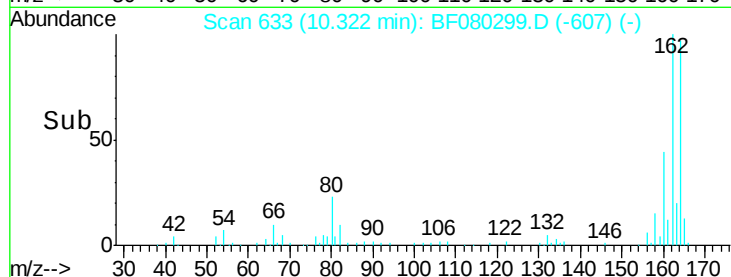
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.32 min Scan# 633
Delta R.T. 0.00 min
Lab File: BF080299.D
Acq: 2 Jul 2015 6:17

Instrument :
BNA_F
ClientSampled :
TEC-B2

Tgt Ion:164 Resp: 93940
Ion Ratio Lower Upper
164 100
162 103.4 84.8 127.2
160 45.3 35.8 53.8

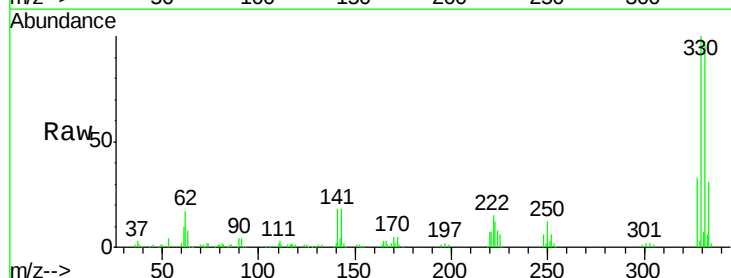


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

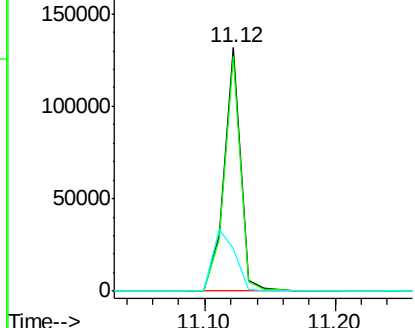
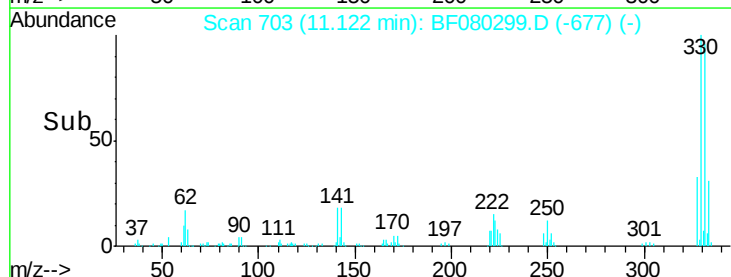


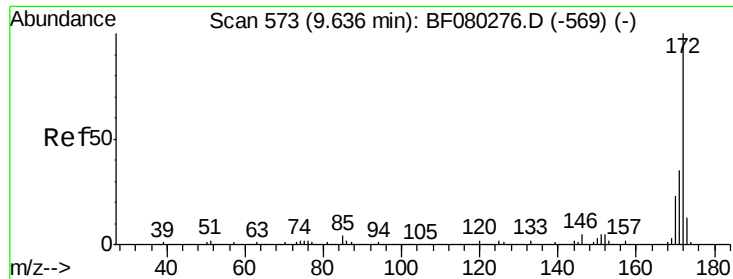
#41
2,4,6-Tribromophenol
Concen: 130.13 ng
RT: 11.12 min Scan# 703
Delta R.T. 0.00 min
Lab File: BF080299.D
Acq: 2 Jul 2015 6:17

Tgt Ion:330 Resp: 116402
Ion Ratio Lower Upper
330 100
332 95.4 77.4 116.2
141 34.1 28.0 42.0



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

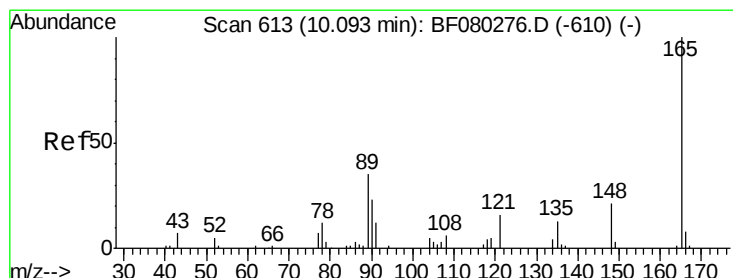
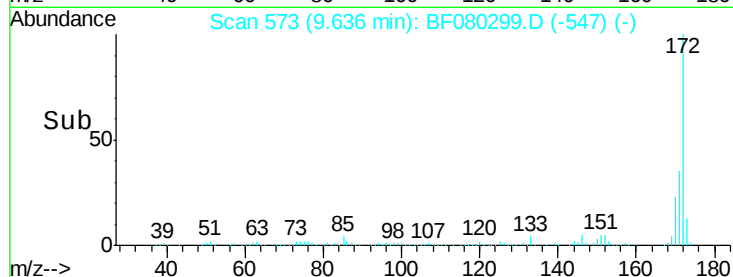
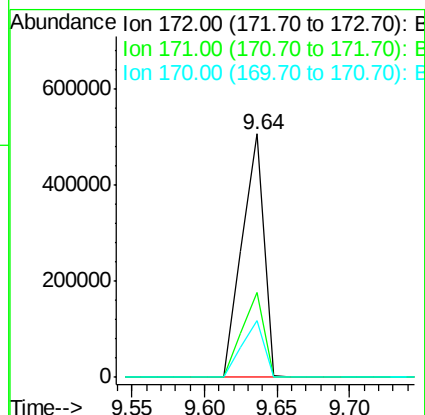
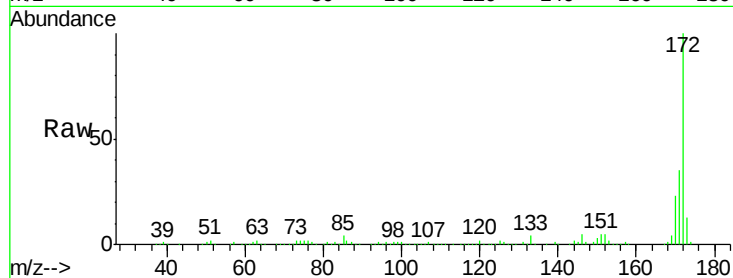




#44
 2-Fluorobiphenyl
 Concen: 81.61 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080299.D
 Acq: 2 Jul 2015 6:17

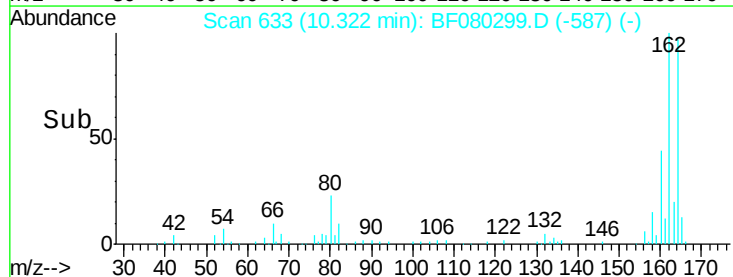
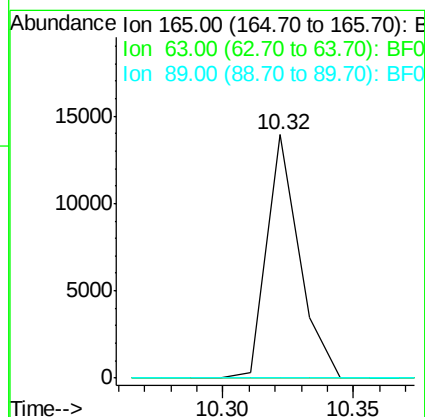
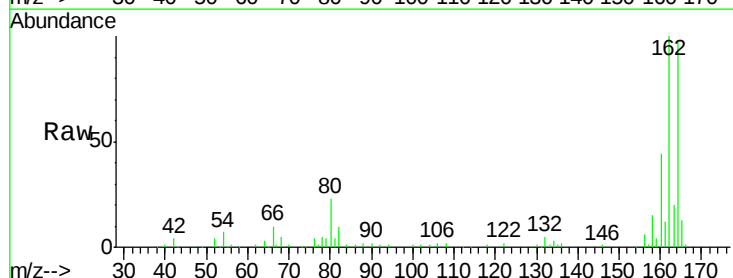
Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2

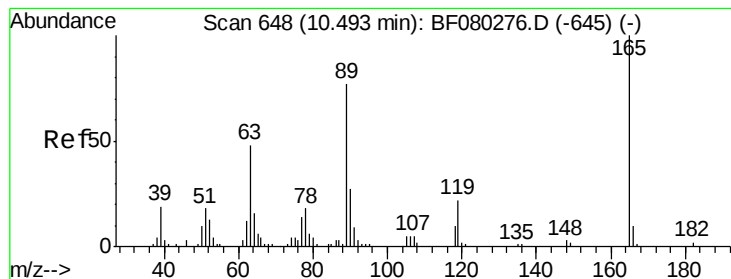
Tgt Ion:172 Resp: 532640
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.1 42.1
 170 23.3 18.6 28.0



#50
 2,6-Dinitrotoluene
 Concen: 8.29 ng
 RT: 10.32 min Scan# 633
 Delta R.T. 0.23 min
 Lab File: BF080299.D
 Acq: 2 Jul 2015 6:17

Tgt Ion:165 Resp: 12157
 Ion Ratio Lower Upper
 165 100
 63 0.0 23.4 35.0#
 89 0.0 27.7 41.5#





#56

2,4-Dinitrotoluene

Concen: 6.39 ng

RT: 10.32 min Scan# 633

Delta R.T. -0.17 min

Lab File: BF080299.D

Acq: 2 Jul 2015 6:17

Instrument :

BNA_F

ClientSampleId :

TEC-B2

Tgt Ion:165 Resp: 12155

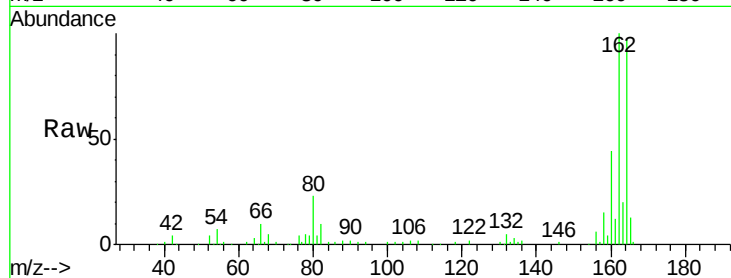
Ion Ratio Lower Upper

165 100

63 0.0 38.7 58.1#

89 0.0 62.0 93.0#

182 0.0 1.8 2.8#

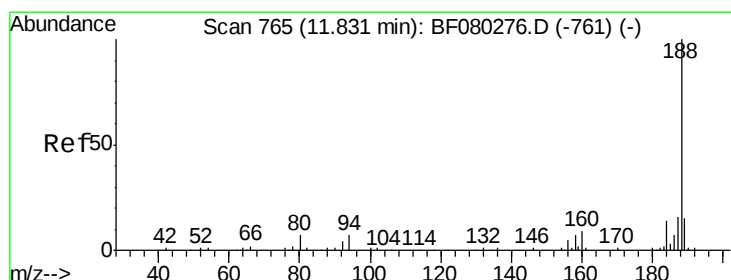
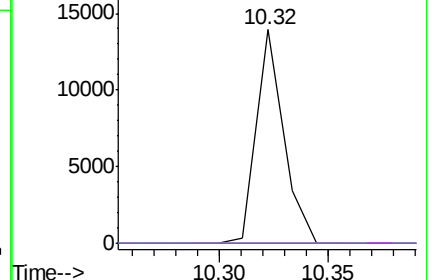
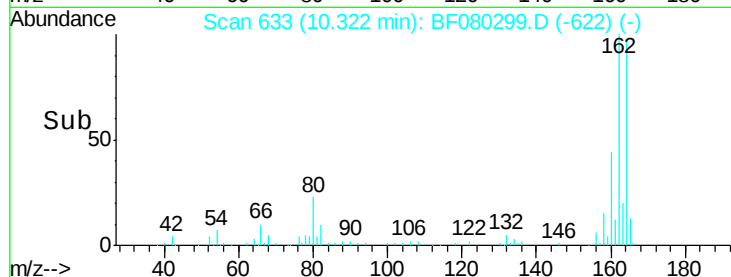


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.83 min Scan# 765

Delta R.T. 0.00 min

Lab File: BF080299.D

Acq: 2 Jul 2015 6:17

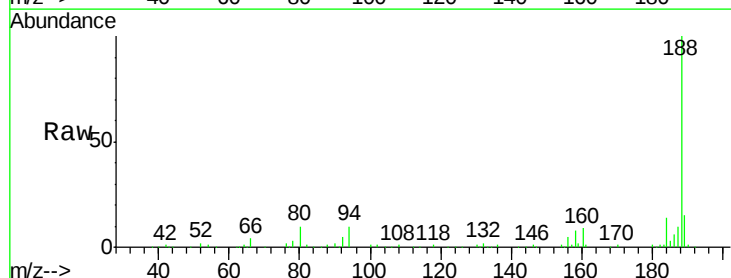
Tgt Ion:188 Resp: 198030

Ion Ratio Lower Upper

188 100

94 9.7 5.4 8.0#

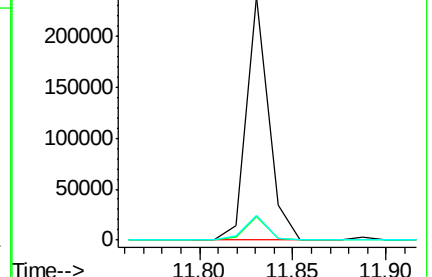
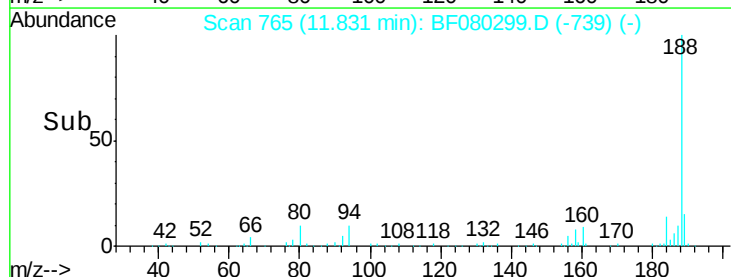
80 10.4 5.8 8.6#

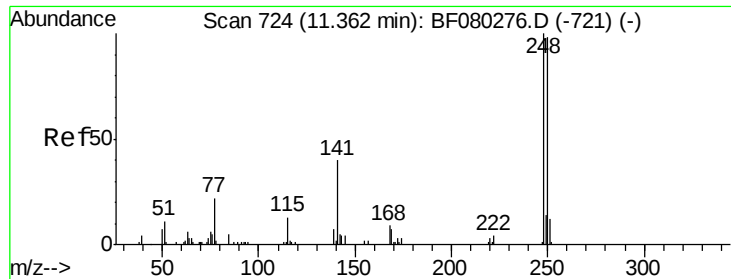


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

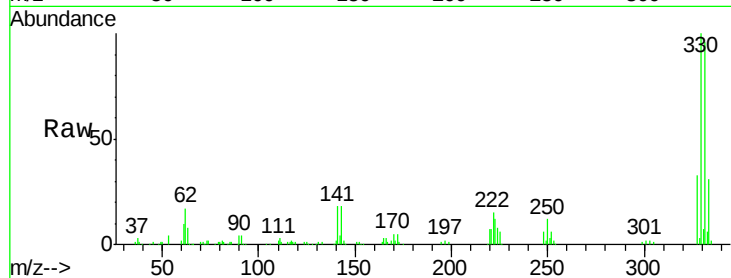




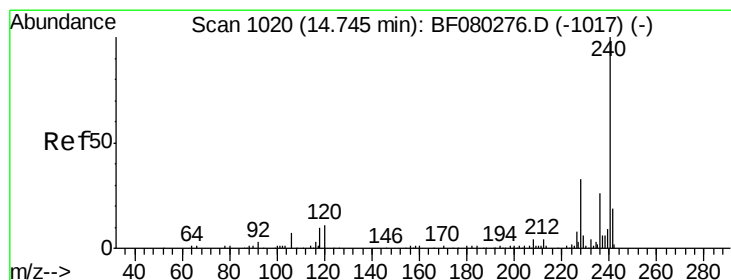
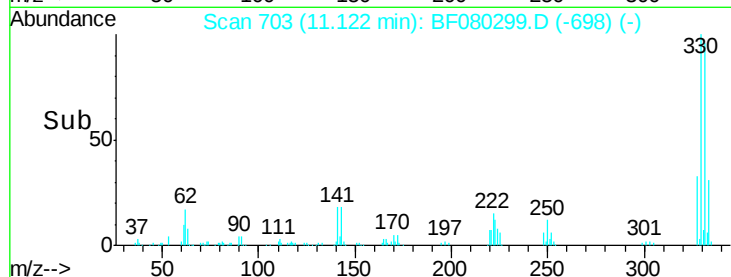
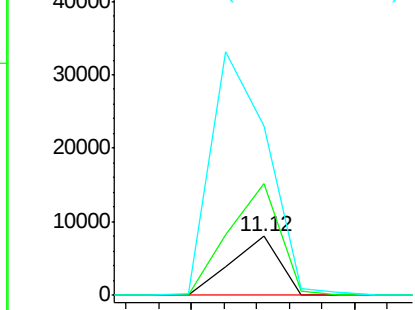
#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 11.12 min Scan# 703
Delta R.T. -0.24 min
Lab File: BF080299.D
Acq: 2 Jul 2015 6:17

Instrument :
BNA_F
ClientSampleId :
TEC-B2

Tgt Ion:248 Resp: 8177
Ion Ratio Lower Upper
248 100
250 190.6 78.2 117.4#
141 289.4 31.9 47.9#

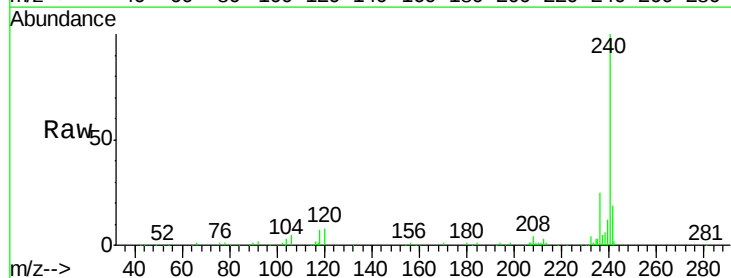


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

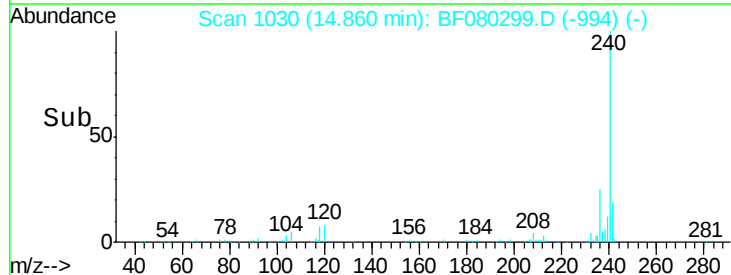
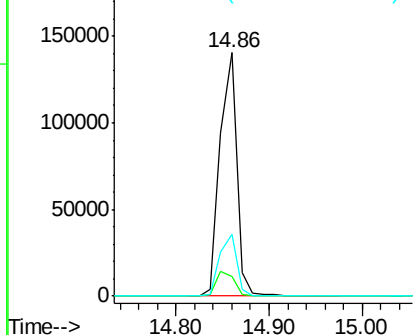


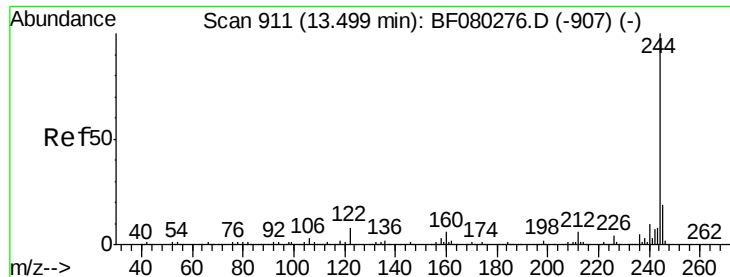
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.86 min Scan# 1030
Delta R.T. 0.11 min
Lab File: BF080299.D
Acq: 2 Jul 2015 6:17

Tgt Ion:240 Resp: 176669
Ion Ratio Lower Upper
240 100
120 8.0 8.7 13.1#
236 25.4 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

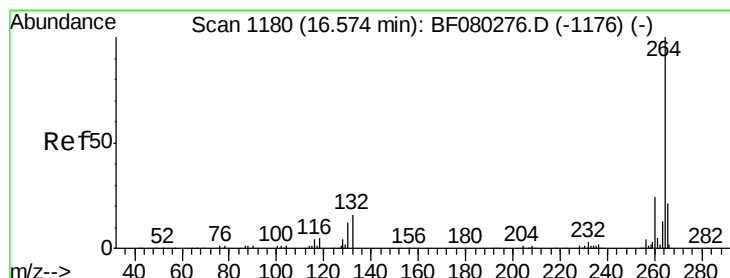
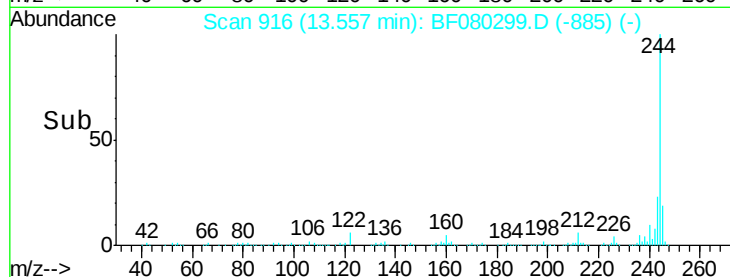
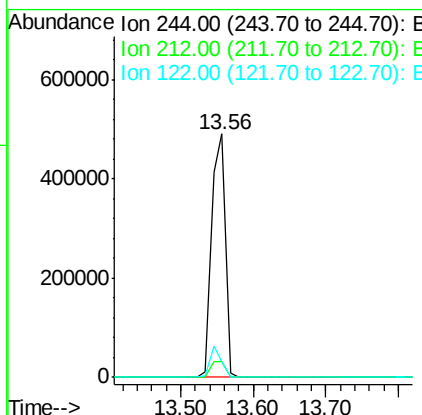
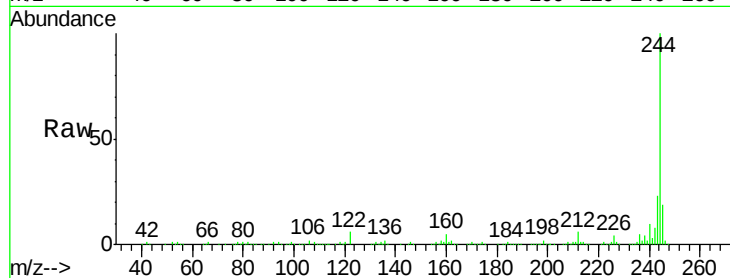




#78
 Terphenyl-d14
 Concen: 85.05 ng
 RT: 13.56 min Scan# 916
 Delta R.T. 0.06 min
 Lab File: BF080299.D
 Acq: 2 Jul 2015 6:17

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B2

Tgt Ion:244 Resp: 641492
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.0 7.6
 122 6.3 6.6 9.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.77 min Scan# 1197
 Delta R.T. 0.19 min
 Lab File: BF080299.D
 Acq: 2 Jul 2015 6:17

Tgt Ion:264 Resp: 161920
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.0 16.9 25.3

