

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080115\
 Data File : BF080779.D
 Acq On : 1 Aug 2015 14:21
 Operator : TP/UM
 Sample : G3090-02
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WCS2-072315

Quant Time: Aug 03 01:06:16 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF073015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 31 01:45:22 2015
 Response via : Initial Calibration

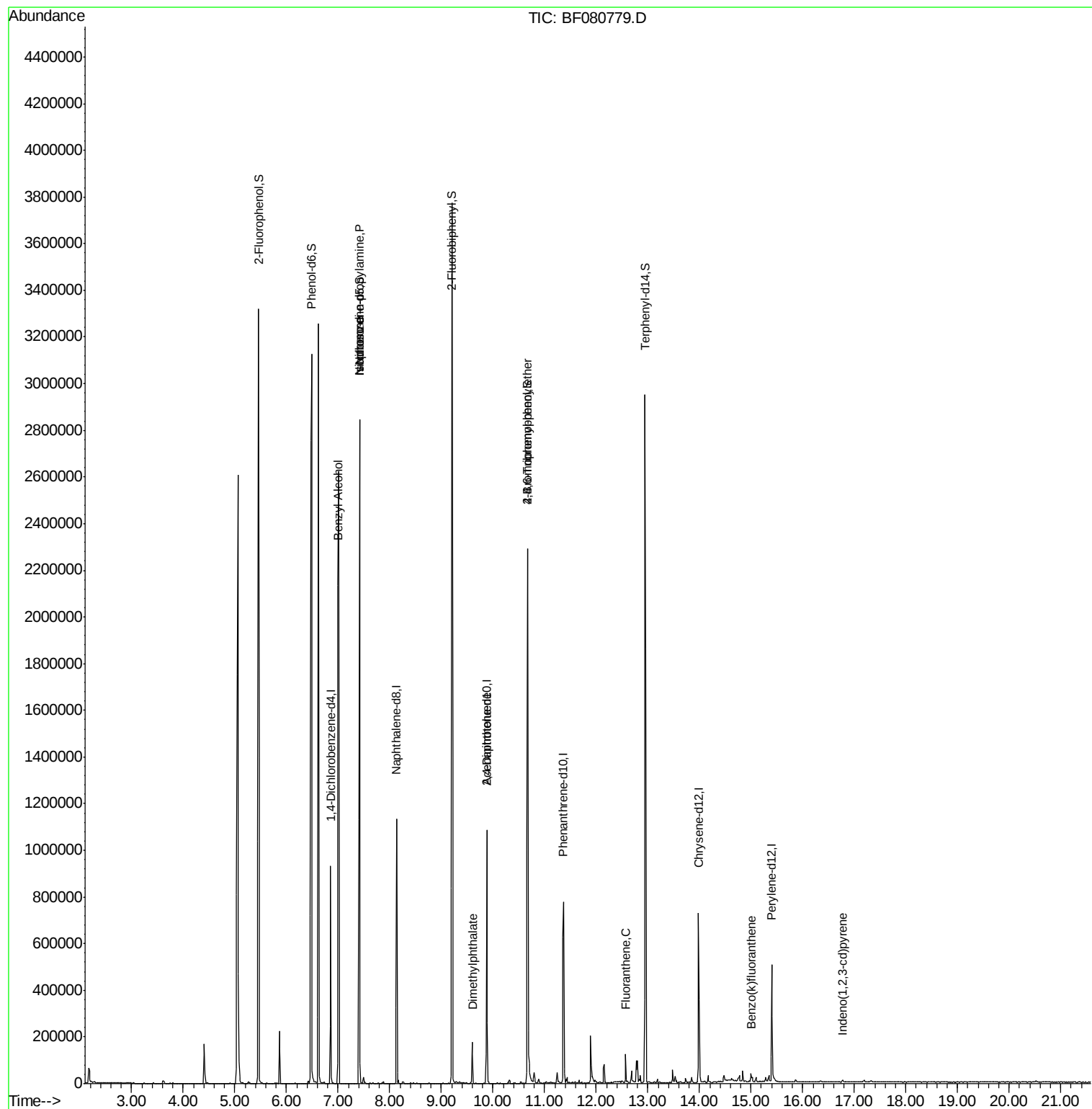
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	124771	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	468659	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	209708	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	392078	20.00	ng	0.00
75) Chrysene-d12	13.99	240	270144	20.00	ng	-0.01
86) Perylene-d12	15.40	264	252993	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	972352	133.69	ng	0.01
7) Phenol-d6	6.49	99	1496057	151.09	ng	0.00
23) Nitrobenzene-d5	7.41	82	900971	93.10	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	312220	143.48	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1369869	97.45	ng	-0.01
78) Terphenyl-d14	12.95	244	1229467	86.08	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.49	77	2437	Below Cal	#	1
15) Benzyl Alcohol	7.00	79	16941	2.06 ng	#	55
19) n-Nitroso-di-n-propylamine	7.41	70	126581	18.98 ng	#	76
25) Isophorone	7.41	82	886891	51.53 ng	#	71
49) Dimethylphthalate	9.61	163	91392	6.18 ng	#	95
56) 2,4-Dinitrotoluene	9.88	165	26369	6.41 ng	#	17
66) 4-Bromophenyl-phenylether	10.67	248	20416	5.04 ng	#	1
74) Fluoranthene	12.57	202	47423	2.48 ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	7934	3.15 ng		99
88) Benzo(k)fluoranthene	15.00	252	26356	2.12 ng	#	96

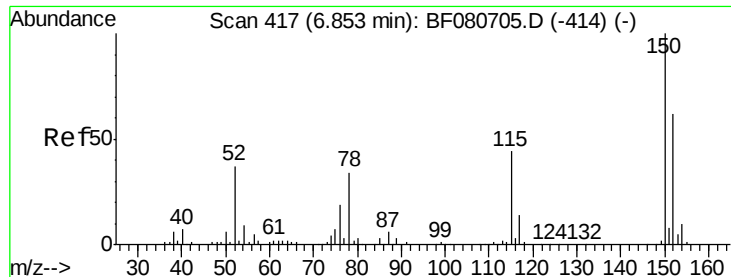
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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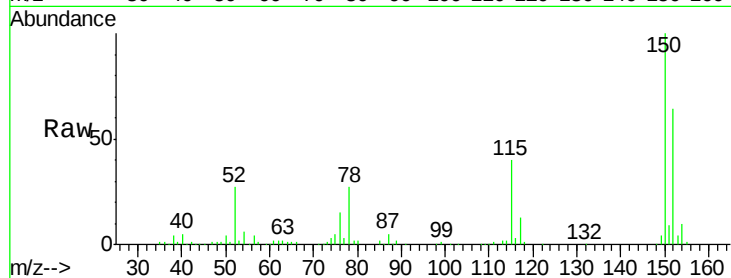


#1

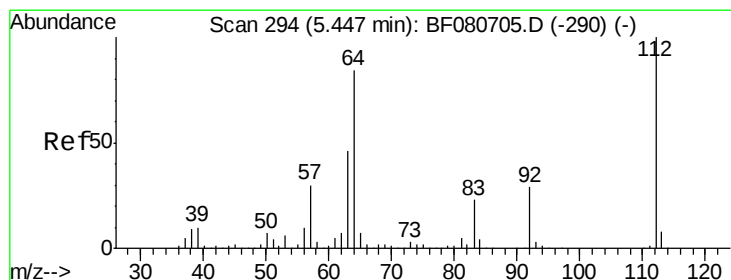
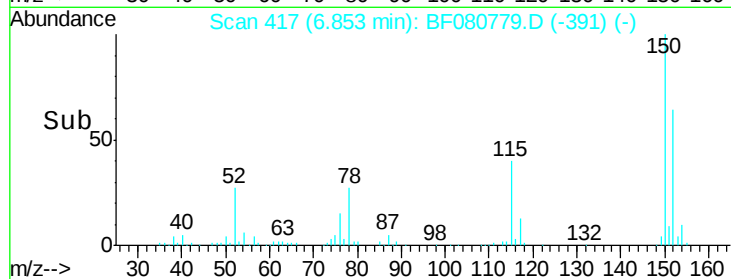
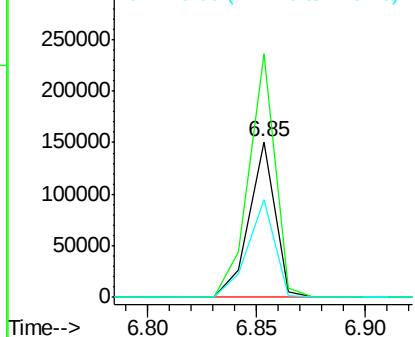
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.85 min Scan# 417
Delta R.T. 0.00 min
Lab File: BF080779.D
Acq: 1 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
WCS2-072315

Tgt Ion:152 Resp: 124771
Ion Ratio Lower Upper
152 100
150 156.3 129.6 194.4
115 63.0 56.6 85.0



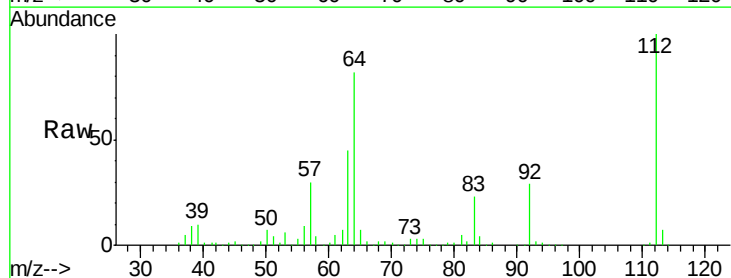
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



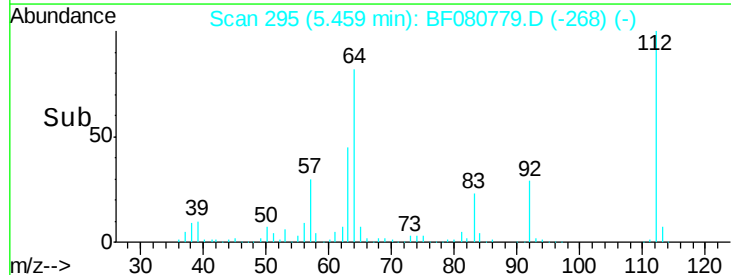
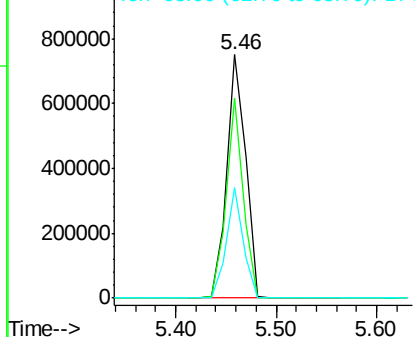
#5

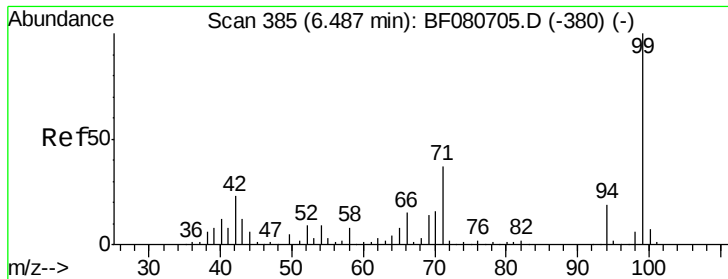
2-Fluorophenol
Concen: 133.69 ng
RT: 5.46 min Scan# 295
Delta R.T. 0.01 min
Lab File: BF080779.D
Acq: 1 Aug 2015 14:21

Tgt Ion:112 Resp: 972352
Ion Ratio Lower Upper
112 100
64 82.0 66.8 100.2
63 45.2 36.7 55.1



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: 151.09 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

Instrument :

BNA_F

ClientSampled :

WCS2-072315

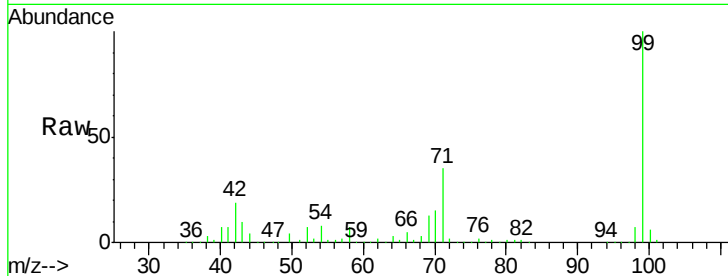
Tgt Ion: 99 Resp: 1496057

Ion Ratio Lower Upper

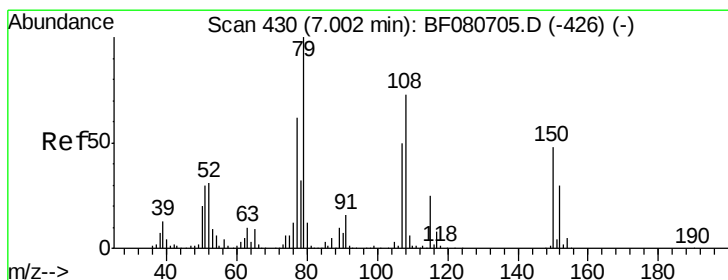
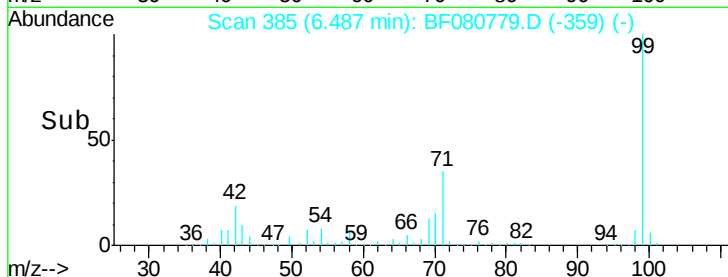
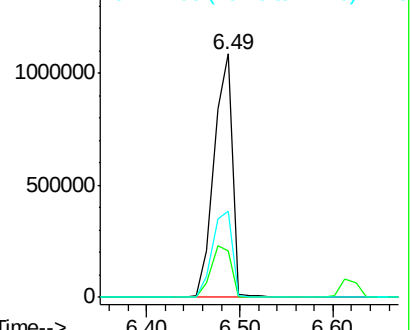
99 100

42 18.9 18.2 27.2

71 35.2 29.5 44.3



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



#15

Benzyl Alcohol

Concen: 2.06 ng

RT: 7.00 min Scan# 430

Delta R.T. 0.00 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

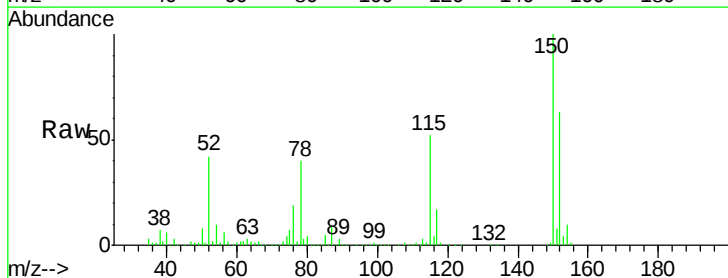
Tgt Ion: 79 Resp: 16941

Ion Ratio Lower Upper

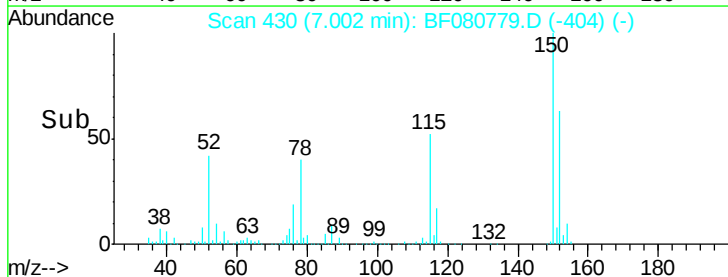
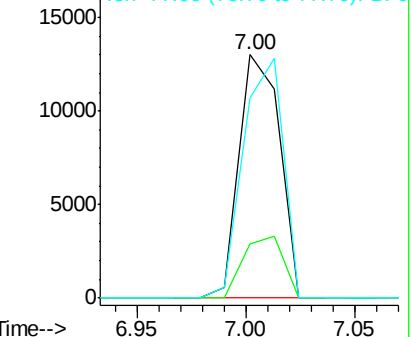
79 100

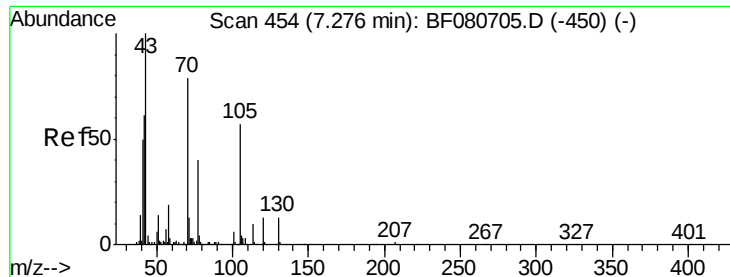
108 22.2 58.7 88.1#

77 81.9 49.8 74.8#



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

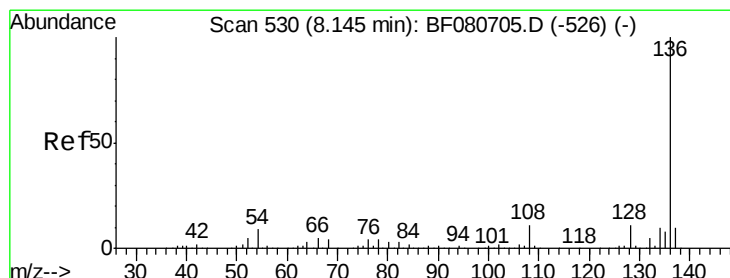
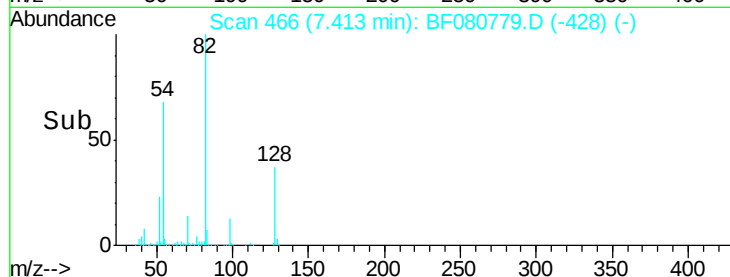
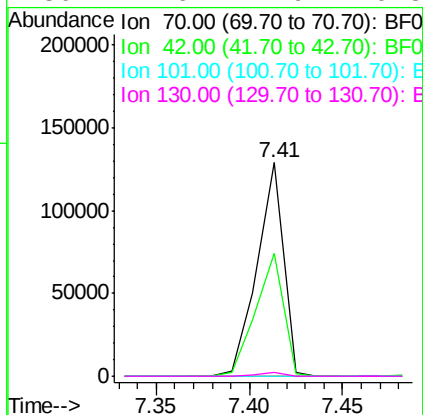
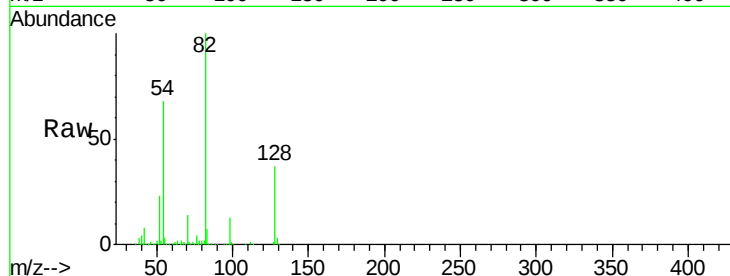




#19
n-Nitroso-di-n-propylamine
Concen: 18.98 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF080779.D
Acq: 1 Aug 2015 14:21

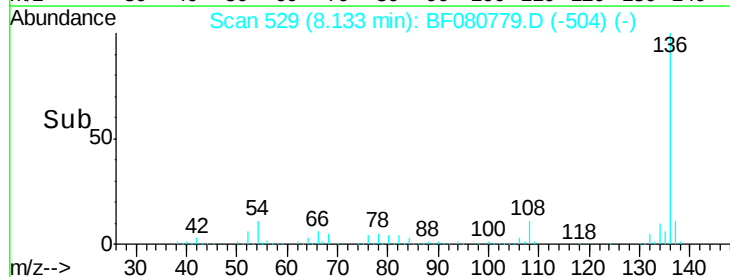
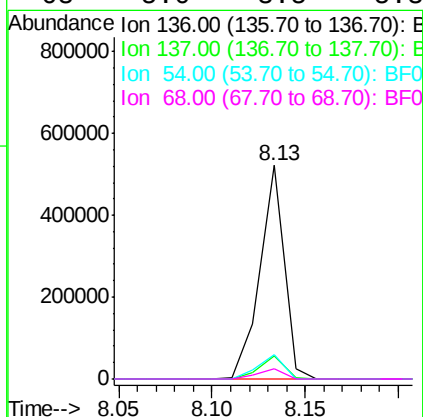
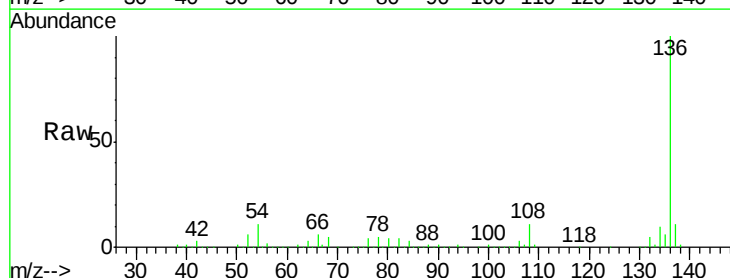
Instrument :
BNA_F
ClientSampleId :
WCS2-072315

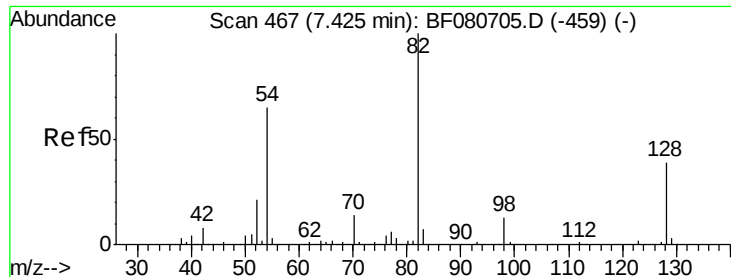
Tgt Ion:	70	Resp:	126581
Ion	Ratio	Lower	Upper
70	100		
42	57.5	61.8	92.6#
101	0.0	6.1	9.1#
130	1.6	12.9	19.3#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF080779.D
Acq: 1 Aug 2015 14:21

Tgt Ion:	136	Resp:	468659
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	11.1	6.9	10.3#
68	5.0	3.5	5.3

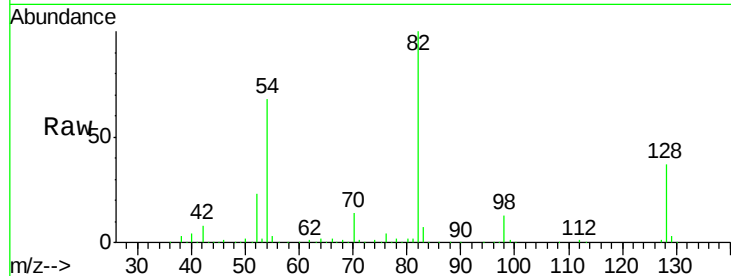




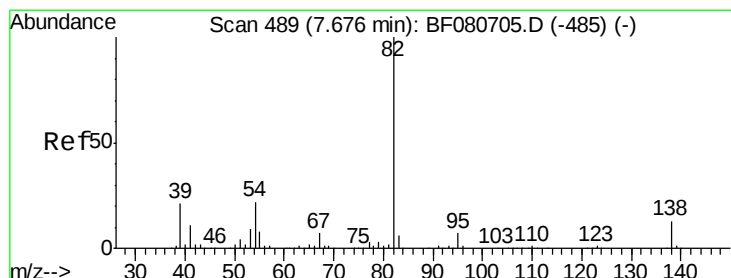
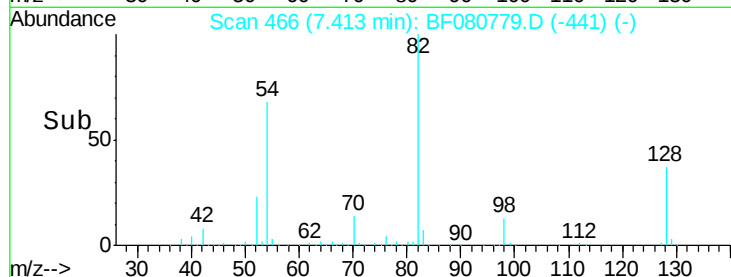
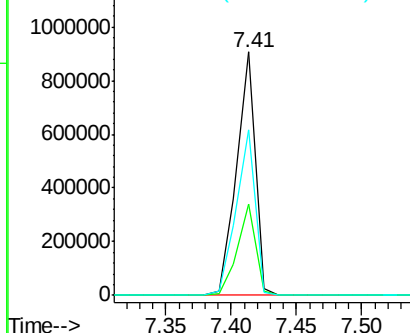
#23
Nitrobenzene-d5
Concen: 93.10 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF080779.D
Acq: 1 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
WCS2-072315

Tgt Ion: 82 Resp: 900971
Ion Ratio Lower Upper
82 100
128 37.3 31.5 47.3
54 68.1 51.8 77.8

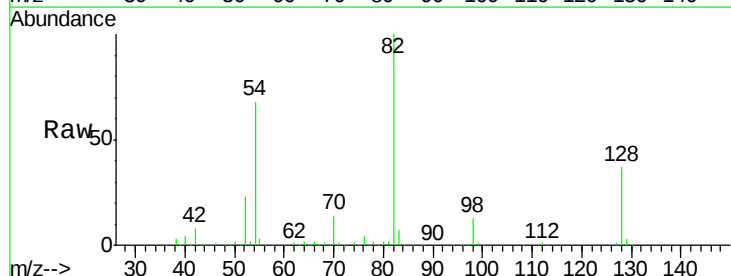


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

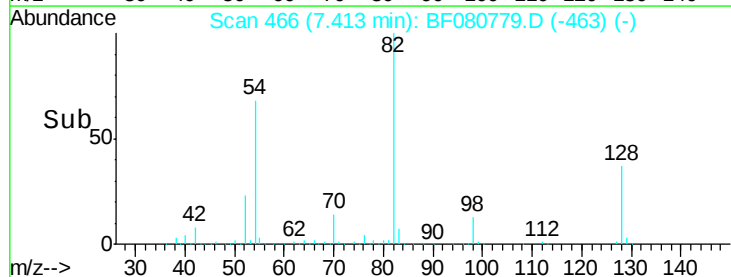
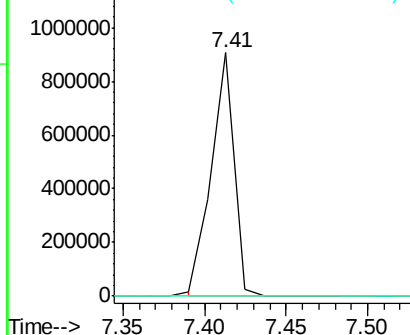


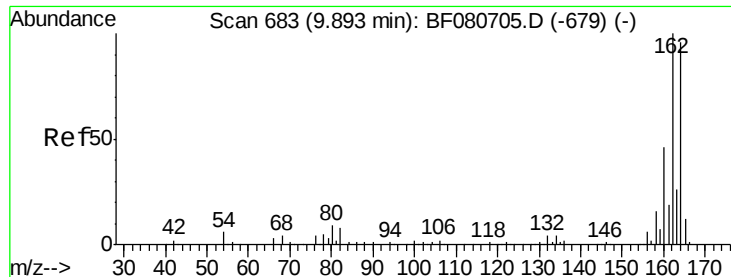
#25
Isophorone
Concen: 51.53 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.26 min
Lab File: BF080779.D
Acq: 1 Aug 2015 14:21

Tgt Ion: 82 Resp: 886891
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 10.7 16.1#



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: 9.88 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

WCS2-072315

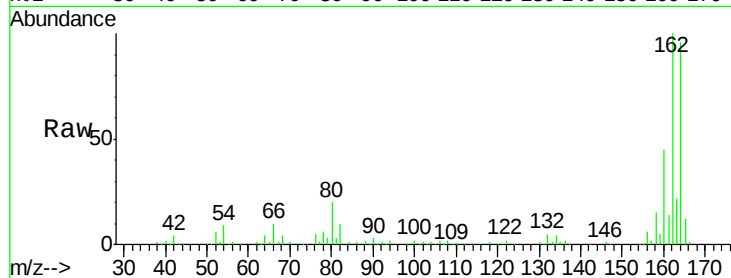
Tgt Ion:164 Resp: 209708

Ion Ratio Lower Upper

164 100

162 104.0 83.4 125.0

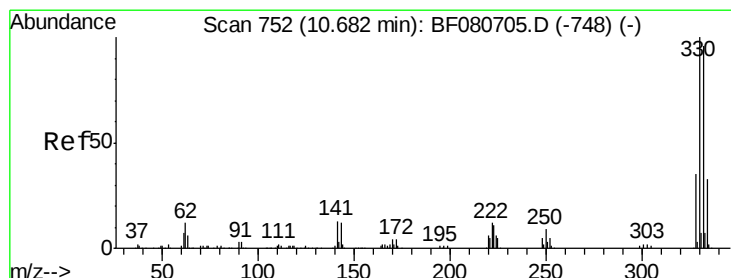
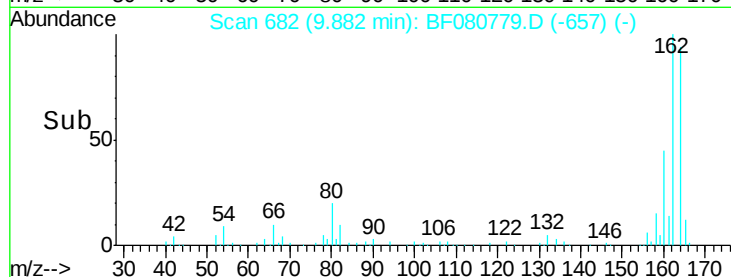
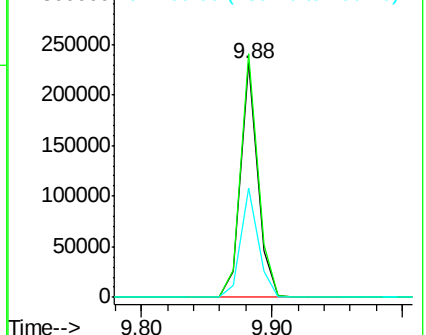
160 46.8 38.0 57.0



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: 143.48 ng

RT: 10.67 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

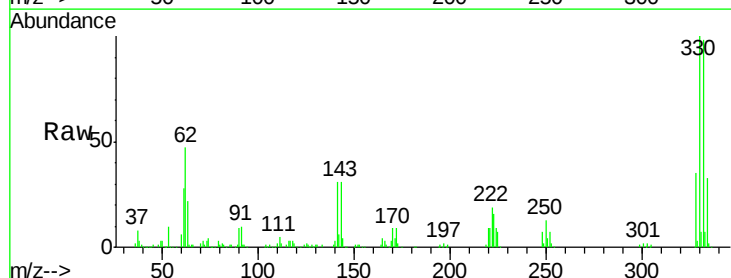
Tgt Ion:330 Resp: 312220

Ion Ratio Lower Upper

330 100

332 97.8 76.6 114.8

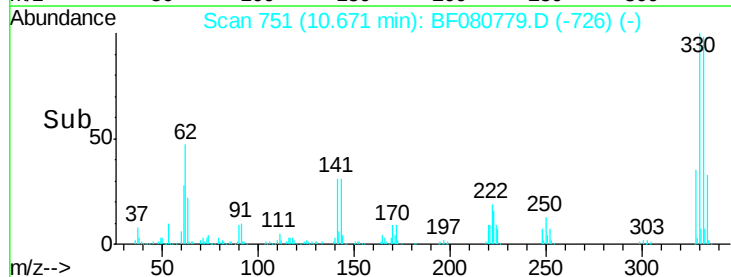
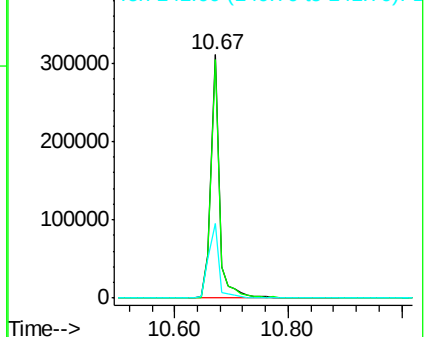
141 37.4 26.0 39.0

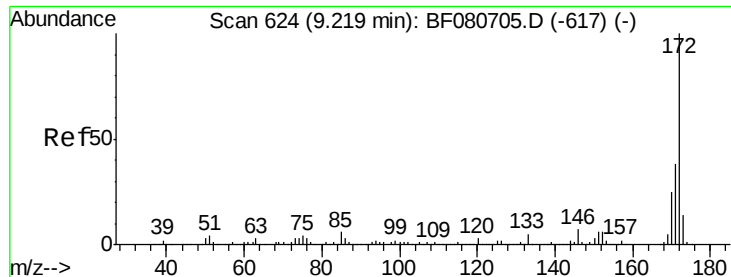


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

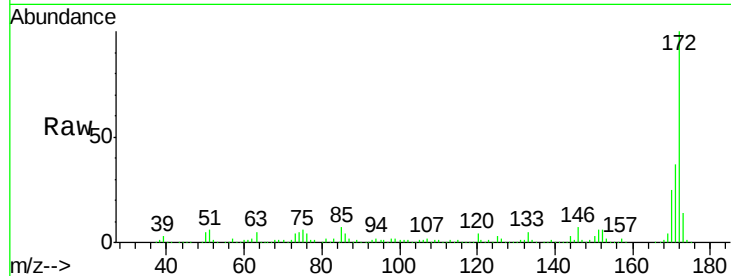




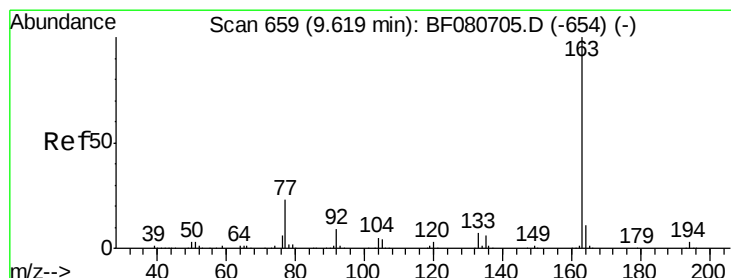
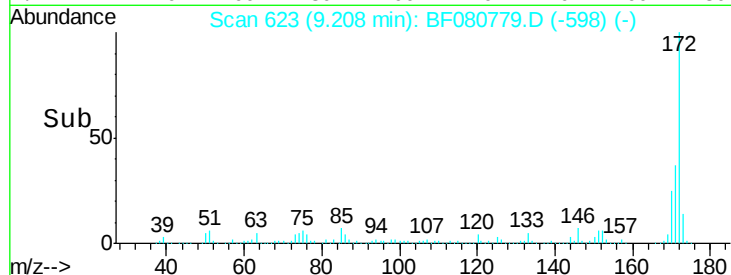
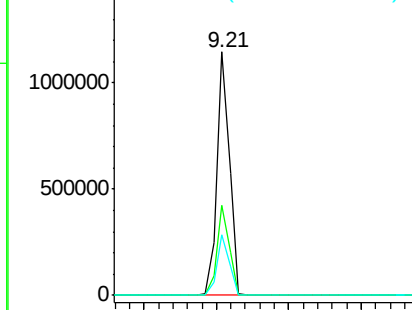
#44
2-Fluorobiphenyl
Concen: 97.45 ng
RT: 9.21 min Scan# 623
Delta R.T. -0.01 min
Lab File: BF080779.D
Acq: 1 Aug 2015 14:21

Instrument :
BNA_F
ClientSampleId :
WCS2-072315

Tgt Ion:172 Resp: 1369869
Ion Ratio Lower Upper
172 100
171 36.9 30.2 45.4
170 25.1 20.2 30.2

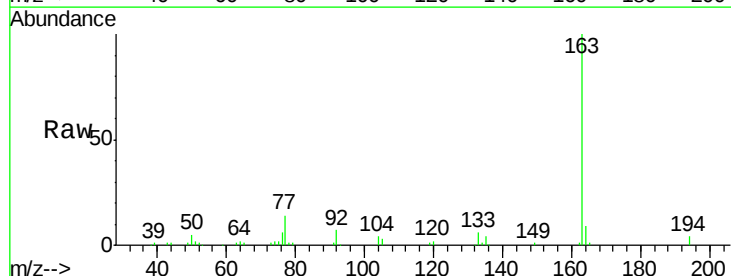


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

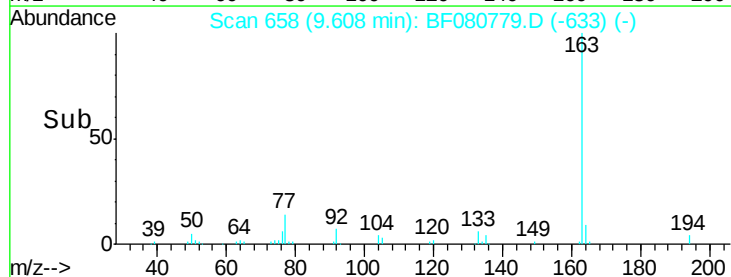
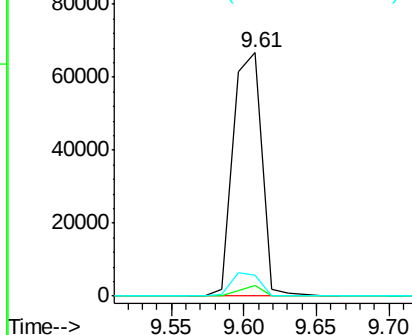


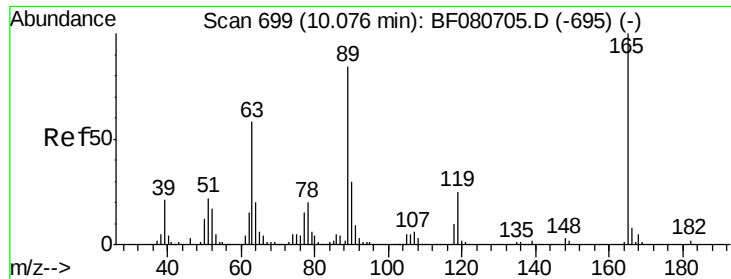
#49
Dimethylphthalate
Concen: 6.18 ng
RT: 9.61 min Scan# 658
Delta R.T. -0.01 min
Lab File: BF080779.D
Acq: 1 Aug 2015 14:21

Tgt Ion:163 Resp: 91392
Ion Ratio Lower Upper
163 100
194 4.3 2.7 4.1#
164 8.7 8.7 13.1#



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

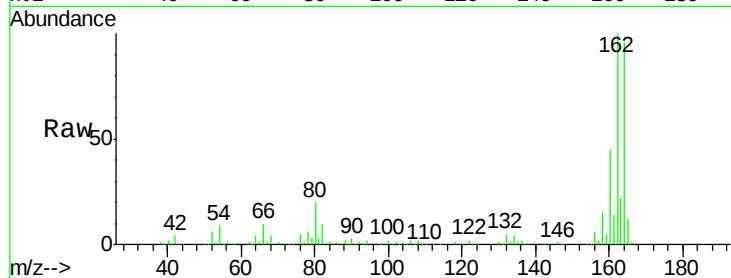




#56
 2,4-Dinitrotoluene
 Concen: 6.41 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.19 min
 Lab File: BF080779.D
 Acq: 1 Aug 2015 14:21

Instrument :
 BNA_F
 ClientSampleId :
 WCS2-072315

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.9	46.7	70.1#
89	2.0	67.4	101.2#
182	0.0	1.8	2.6#

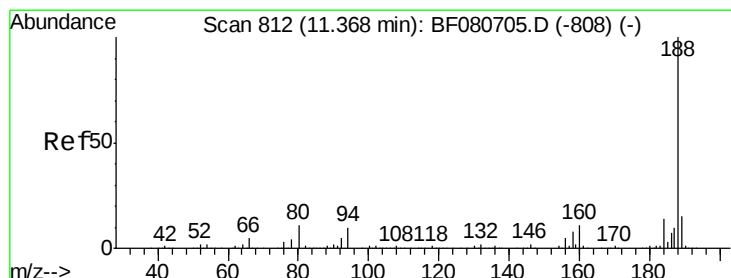
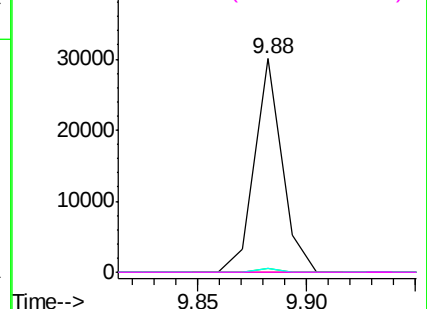
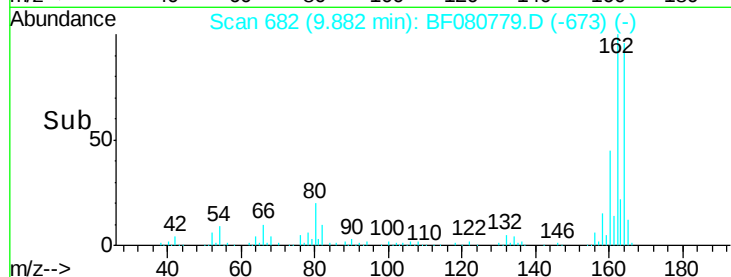


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

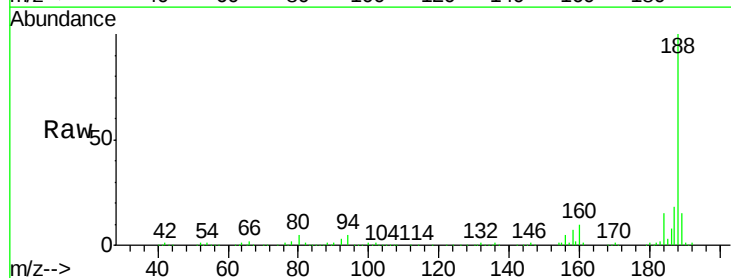
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 812
 Delta R.T. 0.00 min
 Lab File: BF080779.D
 Acq: 1 Aug 2015 14:21

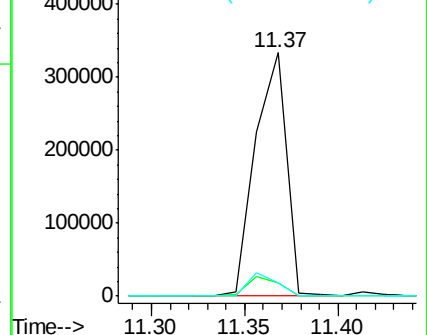
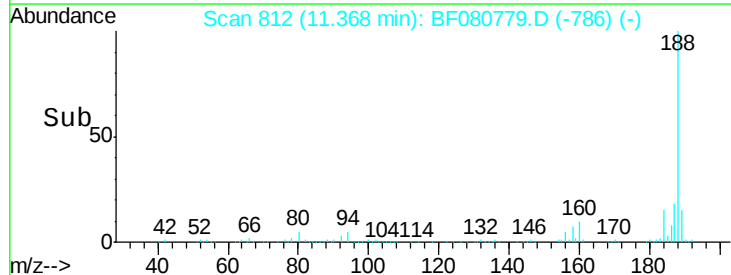
Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.3	8.1	12.1#
80	5.2	9.1	13.7#

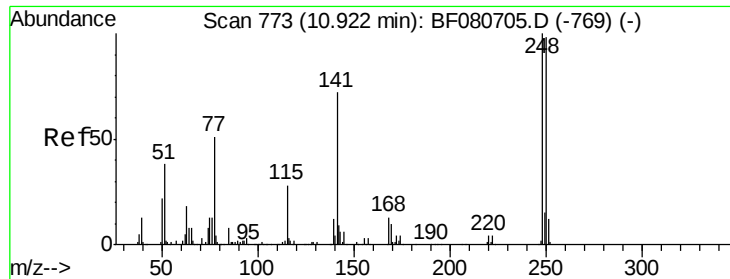


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

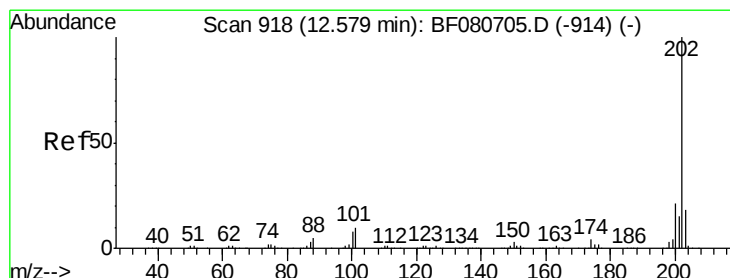
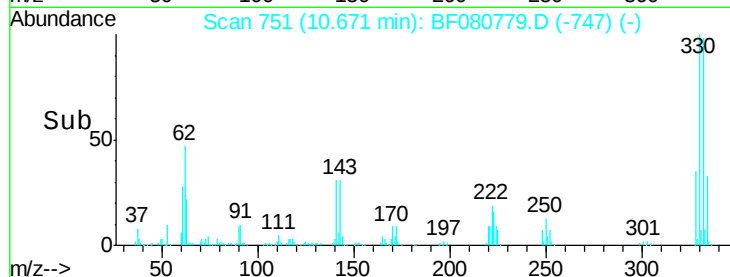
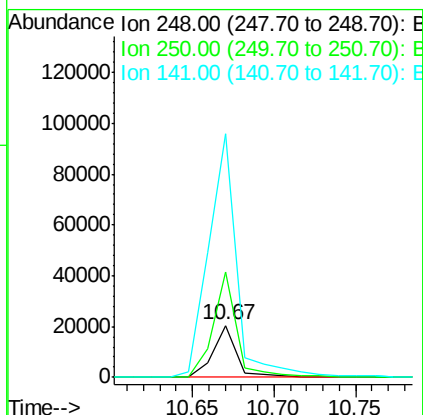
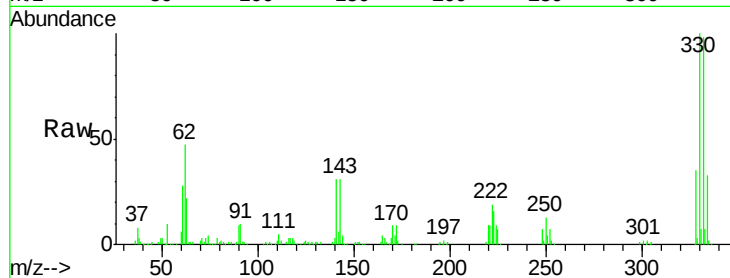




#66
 4-Bromophenyl-phenylether
 Concen: 5.04 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF080779.D
 Acq: 1 Aug 2015 14:21

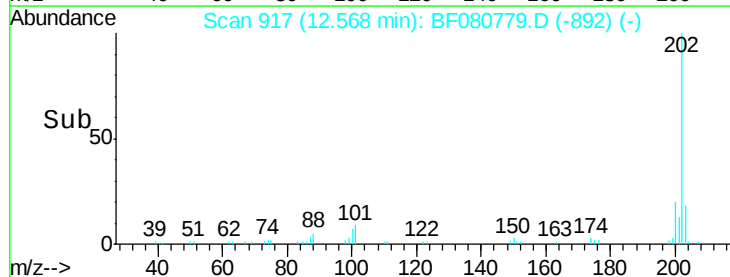
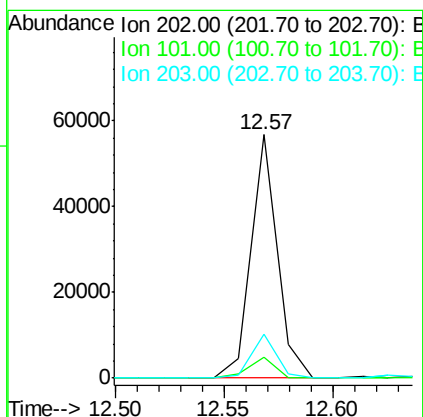
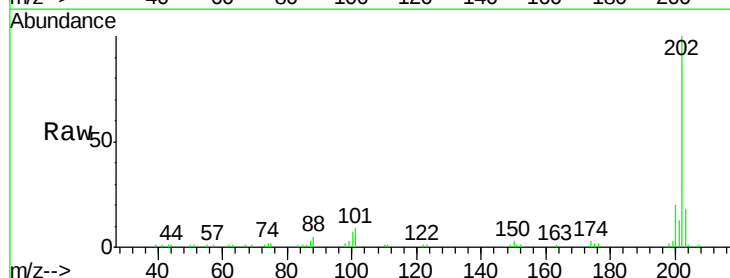
Instrument :
 BNA_F
 ClientSampleId :
 WCS2-072315

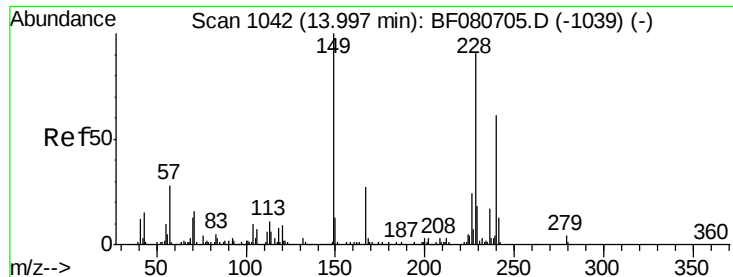
Tgt Ion:248 Resp: 20416
 Ion Ratio Lower Upper
 248 100
 250 203.9 78.4 117.6#
 141 470.3 57.5 86.3#



#74
 Fluoranthene
 Concen: 2.48 ng
 RT: 12.57 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BF080779.D
 Acq: 1 Aug 2015 14:21

Tgt Ion:202 Resp: 47423
 Ion Ratio Lower Upper
 202 100
 101 8.7 0.0 29.6
 203 18.0 0.0 37.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.99 min Scan# 1041

Delta R.T. -0.01 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

WCS2-072315

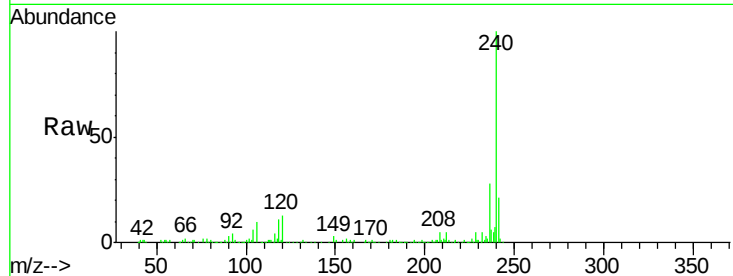
Tgt Ion:240 Resp: 270144

Ion Ratio Lower Upper

240 100

120 12.6 11.8 17.8

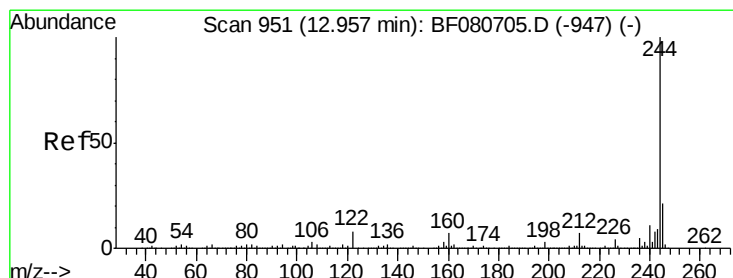
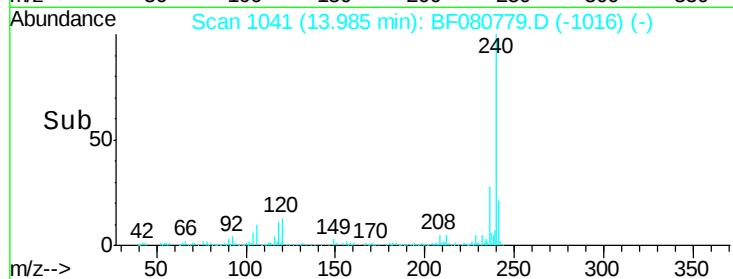
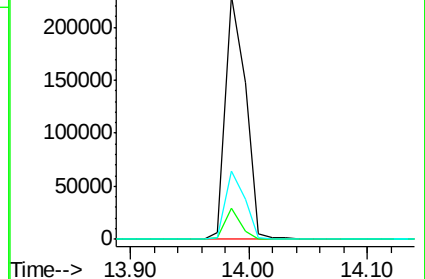
236 27.8 21.8 32.8



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: 86.08 ng

RT: 12.95 min Scan# 950

Delta R.T. -0.01 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

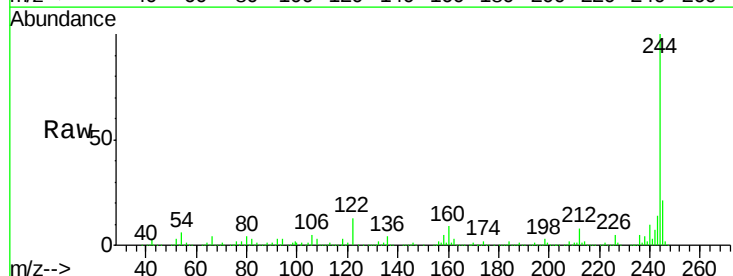
Tgt Ion:244 Resp: 1229467

Ion Ratio Lower Upper

244 100

212 8.1 5.9 8.9

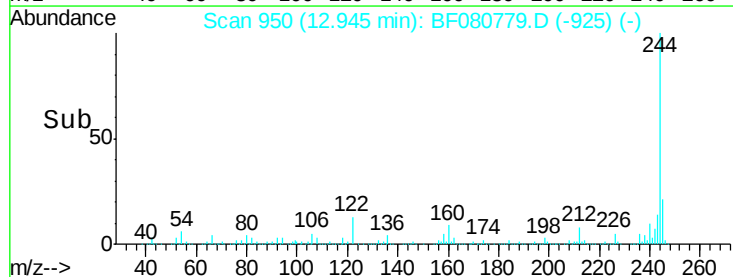
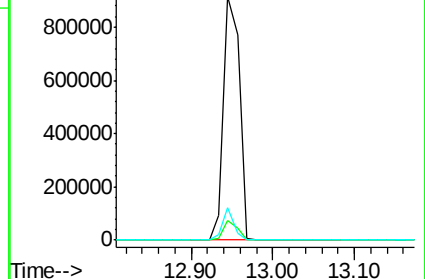
122 13.5 6.6 9.8#

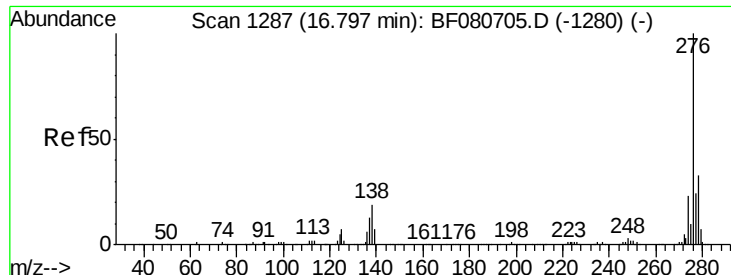


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#85

Indeno(1,2,3-cd)pyrene

Concen: 3.15 ng

RT: 16.77 min Scan# 1285

Delta R.T. -0.02 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

WCS2-072315

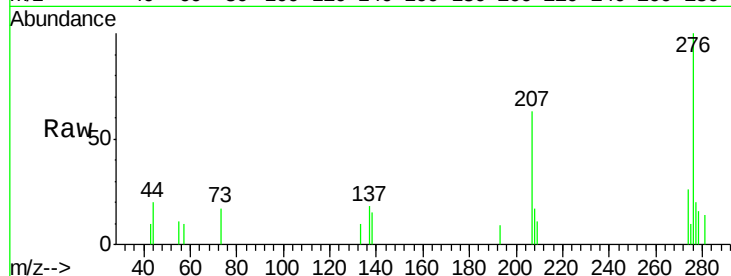
Tgt Ion: 276 Resp: 7934

Ion Ratio Lower Upper

276 100

138 16.5 13.2 19.8

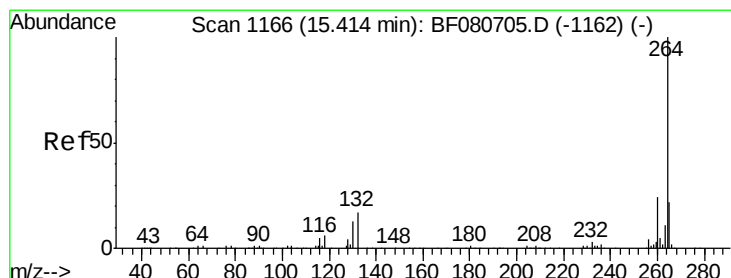
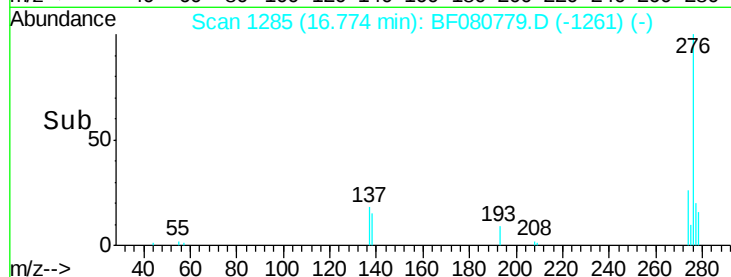
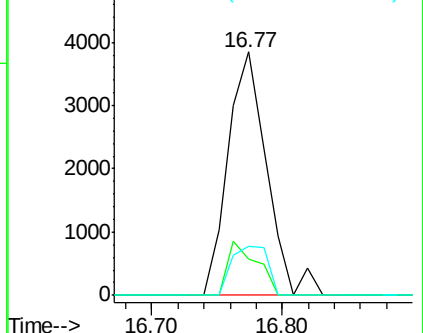
277 18.7 15.4 23.2



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.40 min Scan# 1165

Delta R.T. -0.01 min

Lab File: BF080779.D

Acq: 1 Aug 2015 14:21

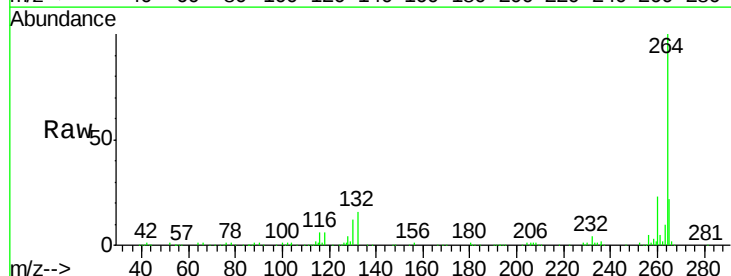
Tgt Ion: 264 Resp: 252993

Ion Ratio Lower Upper

264 100

260 22.6 19.4 29.0

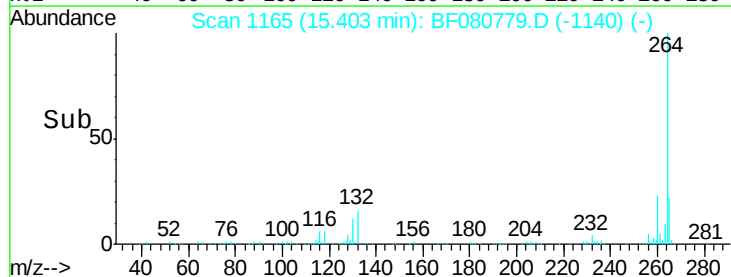
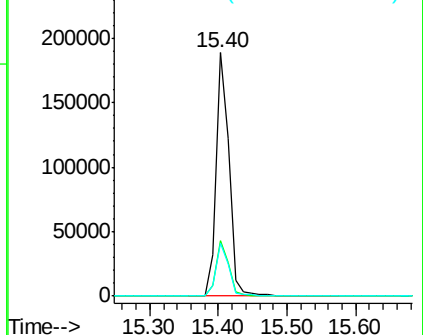
265 21.6 17.3 25.9

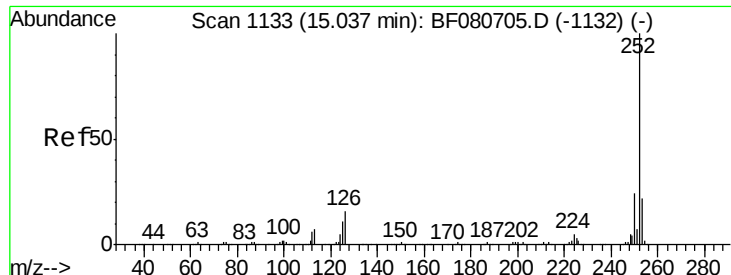


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(k)fluoranthene

Concen: 2.12 ng

RT: 15.00 min Scan# 1130

Delta R.T. -0.03 min

Lab File: BF080779.D

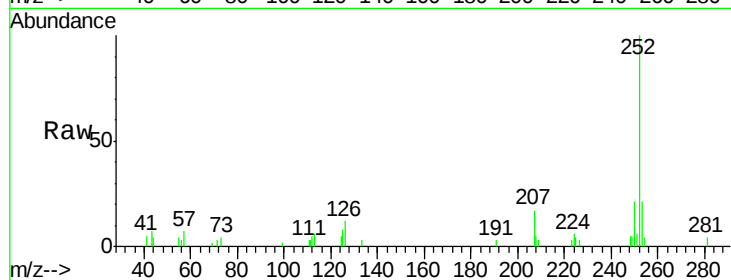
Acq: 1 Aug 2015 14:21

Instrument :

BNA_F

ClientSampleId :

WCS2-072315



Tgt Ion:	252	Resp:	26356
Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.8	26.6
125	7.9	9.0	13.4#

