

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF112015\
 Data File : BF083075.D
 Acq On : 20 Nov 2015 11:52
 Operator : UM/IZ
 Sample : G4438-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-WMT

Quant Time: Nov 20 14:43:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF111915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 20 01:33:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	162656	20.00	ng	0.00
21) Naphthalene-d8	8.00	136	565969	20.00	ng	0.00
38) Acenaphthene-d10	9.74	164	284687	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	419811	20.00	ng	0.00
75) Chrysene-d12	13.86	240	365485	20.00	ng	0.00
86) Perylene-d12	15.24	264	302323	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.31	112	1427653	136.32	ng	0.02
7) Phenol-d6	6.36	99	1717470	124.52	ng	0.01
23) Nitrobenzene-d5	7.26	82	1109749	89.77	ng	-0.01
41) 2,4,6-Tribromophenol	10.53	330	283875	93.92	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1740407	82.34	ng	-0.01
78) Terphenyl-d14	12.82	244	1312301	84.76	ng	0.01

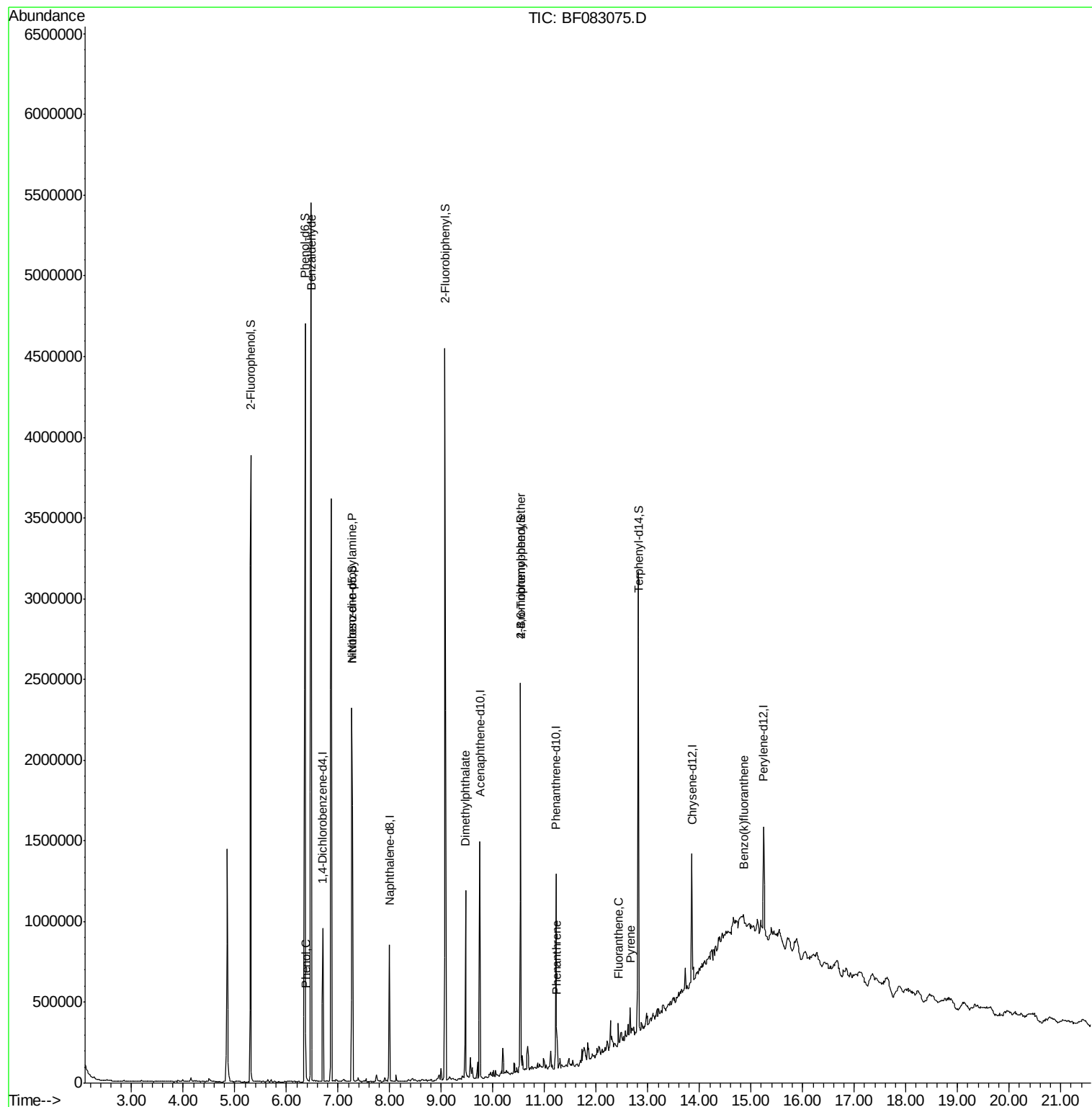
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.48	77	37586	3.70	ng	83
10) Phenol	6.37	94	35824	2.23	ng	96
19) n-Nitroso-di-n-propylamine	7.26	70	151785	15.06	ng	# 77
49) Dimethylphthalate	9.47	163	419453	17.90	ng	100
66) 4-Bromophenyl-phenylether	10.53	248	19795	4.07	ng	# 1
70) Phenanthrene	11.24	178	65966	2.60	ng	98
74) Fluoranthene	12.43	202	56176	2.13	ng	96
77) Pyrene	12.66	202	88509	3.44	ng	94
88) Benzo(k)fluoranthene	14.85	252	40008	2.48	ng	# 60

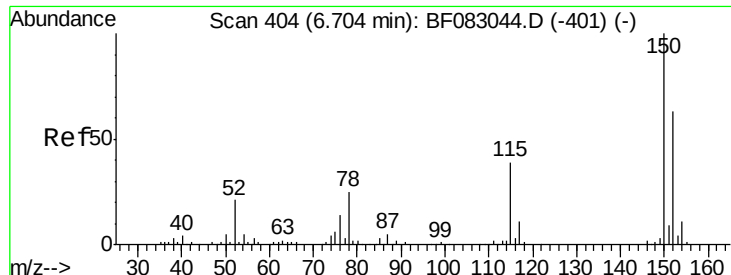
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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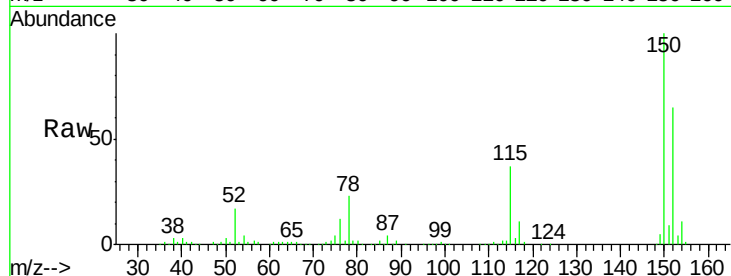


#1

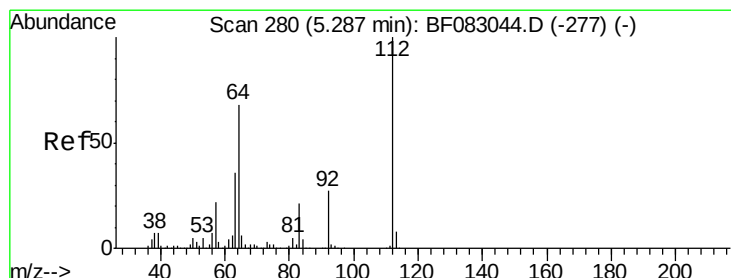
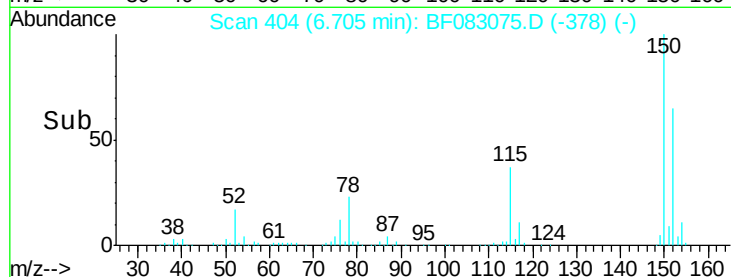
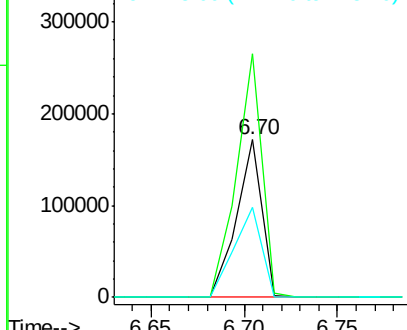
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.70 min Scan# 404
Delta R.T. 0.00 min
Lab File: BF083075.D
Acq: 20 Nov 2015 11:52

Instrument :
BNA_F
ClientSampleId :
WC-WMT

Tgt Ion:152 Resp: 162656
Ion Ratio Lower Upper
152 100
150 154.5 126.4 189.6
115 57.2 49.0 73.6



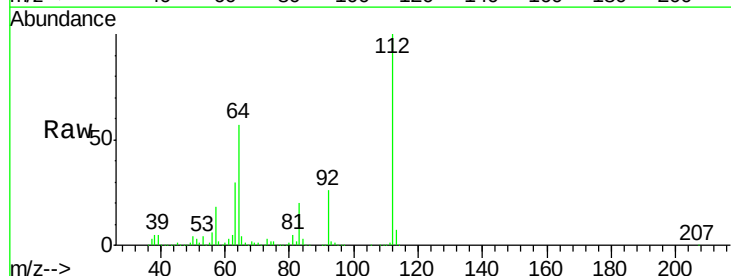
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



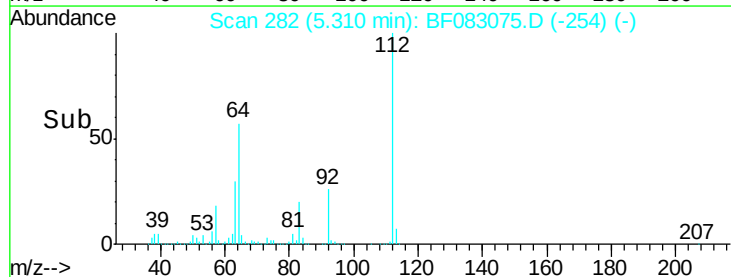
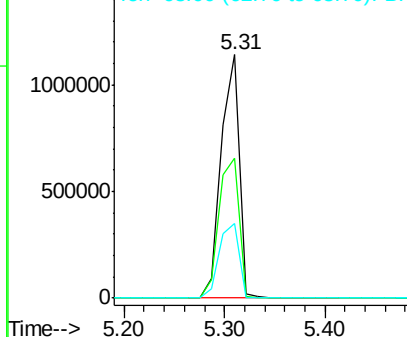
#5

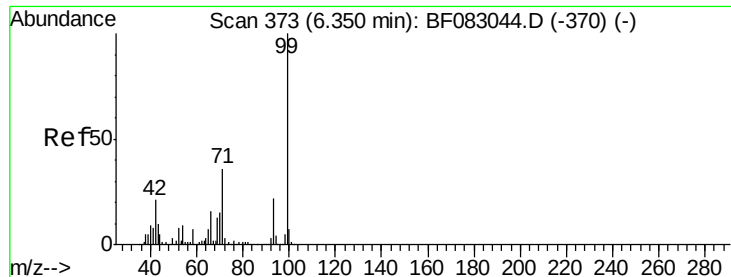
2-Fluorophenol
Concen: 136.32 ng
RT: 5.31 min Scan# 282
Delta R.T. 0.02 min
Lab File: BF083075.D
Acq: 20 Nov 2015 11:52

Tgt Ion:112 Resp: 1427653
Ion Ratio Lower Upper
112 100
64 57.2 54.8 82.2
63 30.5 29.0 43.4



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: 124.52 ng

RT: 6.36 min Scan# 374

Delta R.T. 0.01 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

WC-WMT

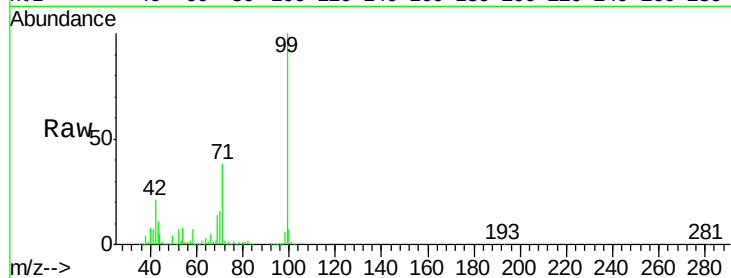
Tgt Ion: 99 Resp: 1717470

Ion Ratio Lower Upper

99 100

42 20.7 16.6 25.0

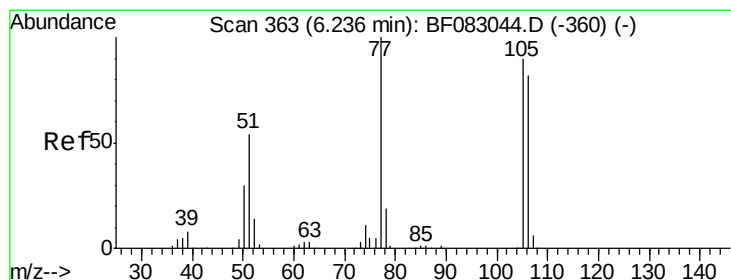
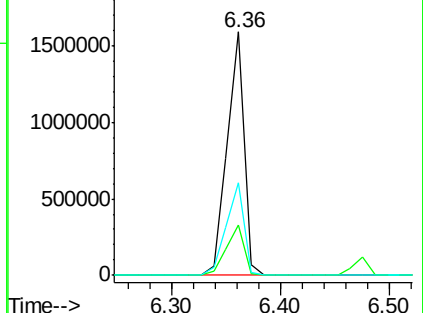
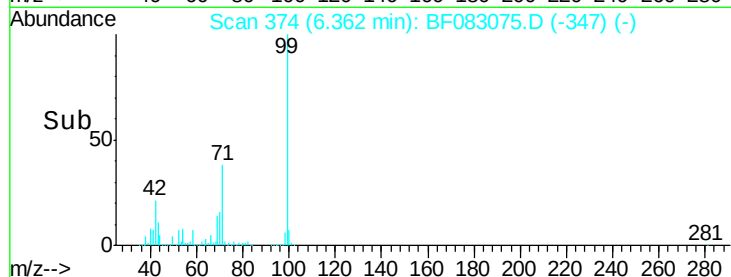
71 38.3 29.2 43.8



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



#9

Benzaldehyde

Concen: 3.70 ng

RT: 6.48 min Scan# 384

Delta R.T. 0.24 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

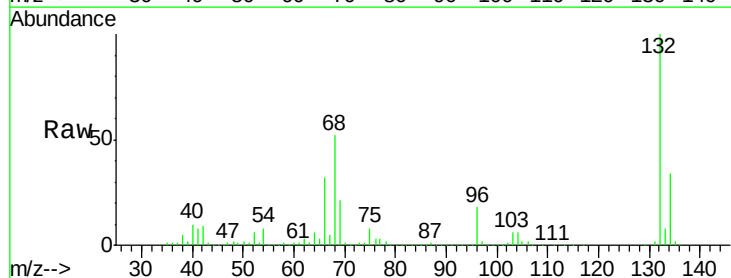
Tgt Ion: 77 Resp: 37586

Ion Ratio Lower Upper

77 100

105 74.1 69.6 109.6

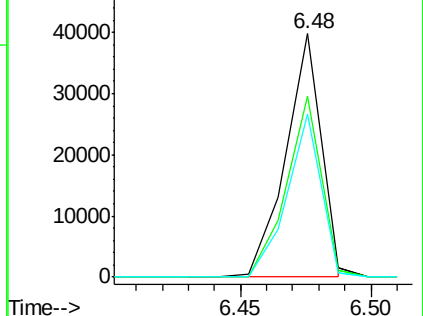
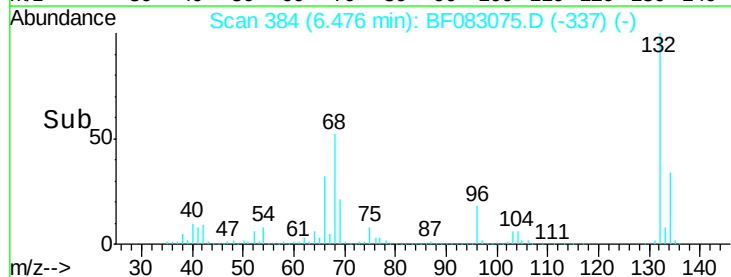
106 66.7 62.0 102.0

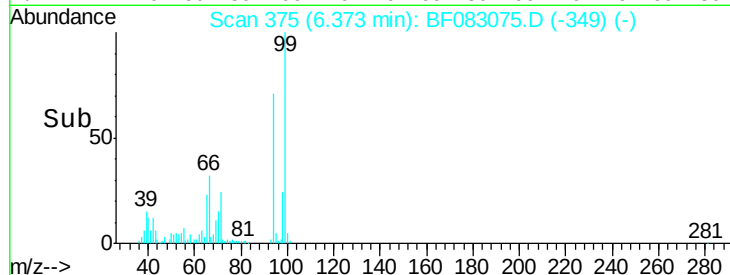
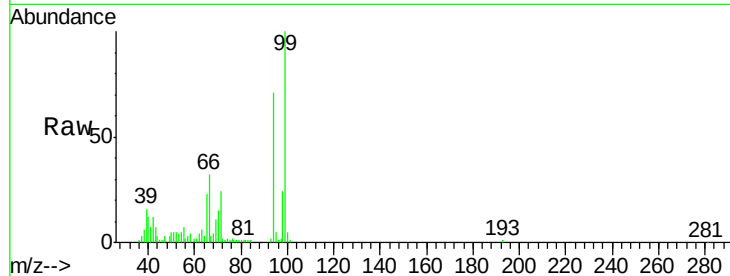
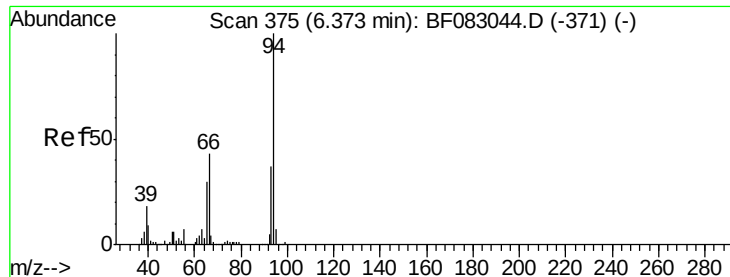


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 2.23 ng

RT: 6.37 min Scan# 375

Delta R.T. 0.00 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

WC-WMT

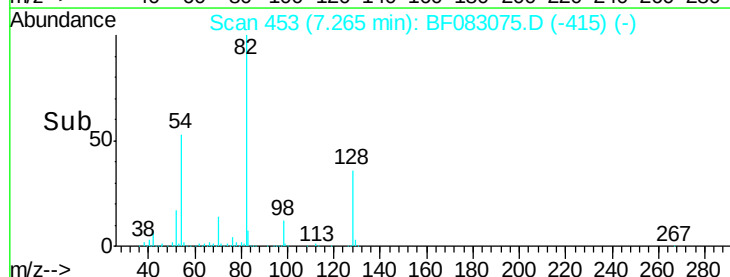
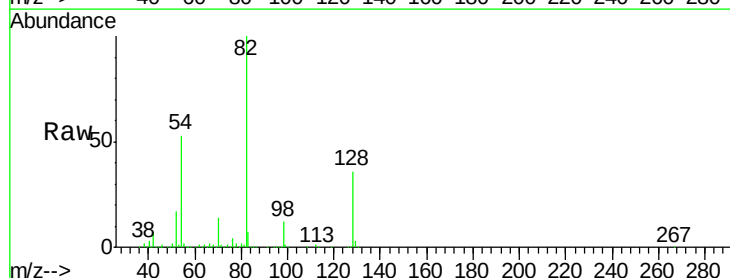
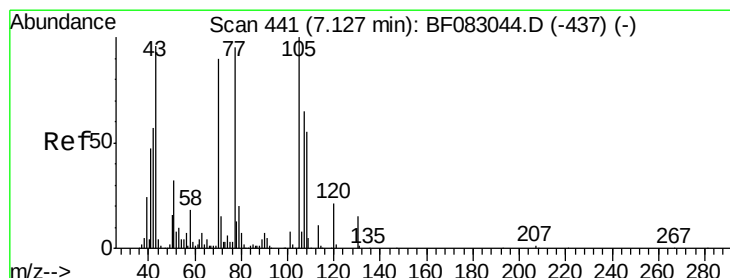
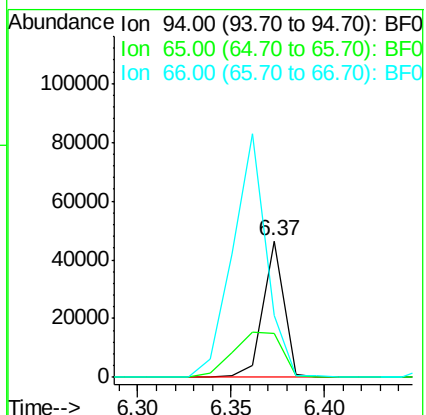
Tgt Ion: 94 Resp: 35824

Ion Ratio Lower Upper

94 100

65 32.5 10.1 50.1

66 45.4 23.2 63.2



#19

n-Nitroso-di-n-propylamine

Concen: 15.06 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.14 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

Tgt Ion: 70 Resp: 151785

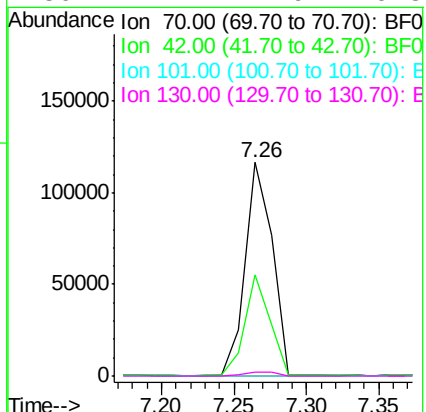
Ion Ratio Lower Upper

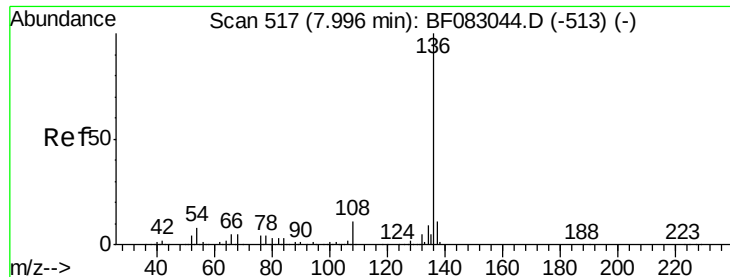
70 100

42 47.6 50.2 75.2#

101 0.0 6.8 10.2#

130 1.7 12.9 19.3#

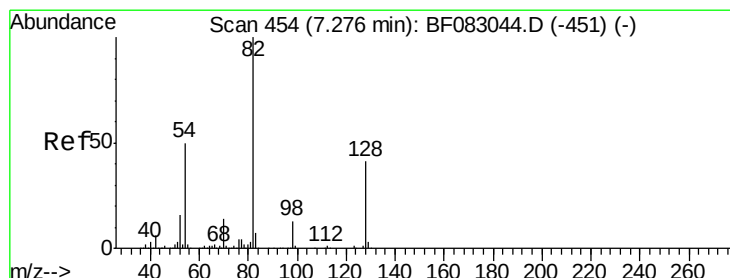
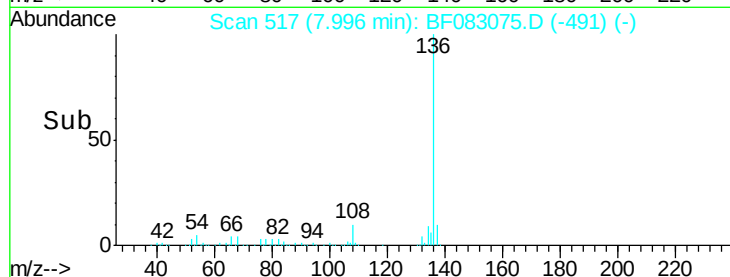
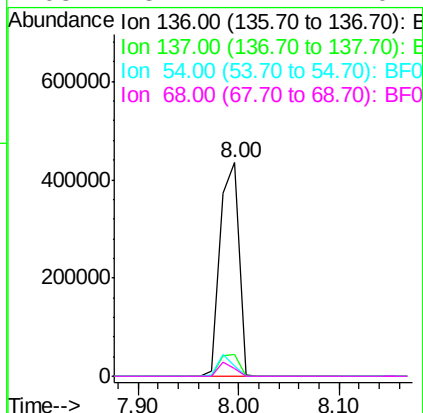
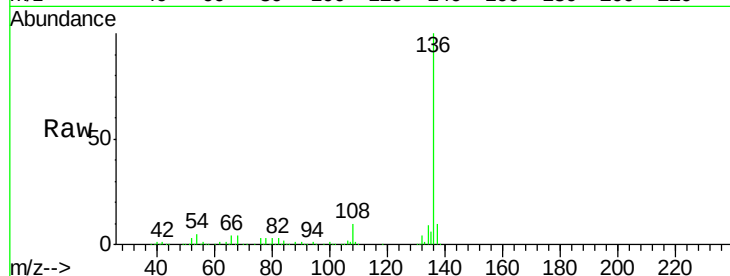




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 517
Delta R.T. 0.00 min
Lab File: BF083075.D
Acq: 20 Nov 2015 11:52

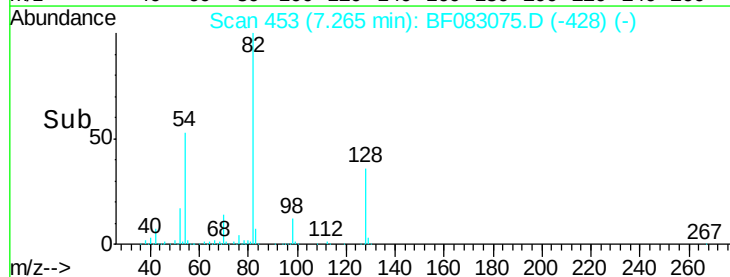
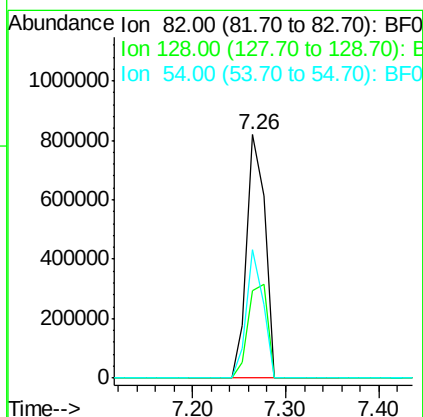
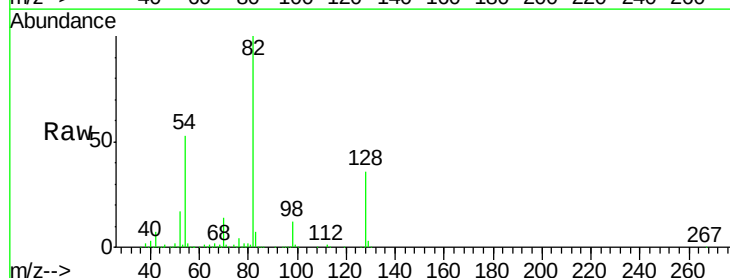
Instrument :
BNA_F
ClientSampleId :
WC-WMT

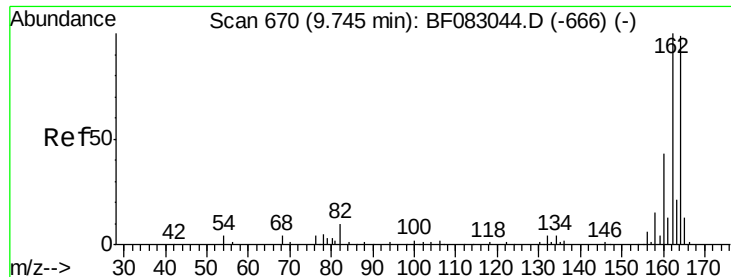
Tgt Ion:	136	Resp:	565969
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.6	12.8
54	5.1	6.2	9.2#
68	3.7	4.2	6.2#



#23
Nitrobenzene-d5
Concen: 89.77 ng
RT: 7.26 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF083075.D
Acq: 20 Nov 2015 11:52

Tgt Ion:	82	Resp:	1109749
Ion	Ratio	Lower	Upper
82	100		
128	35.7	33.1	49.7
54	52.9	39.8	59.6





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.74 min Scan# 670

Delta R.T. 0.00 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

WC-WMT

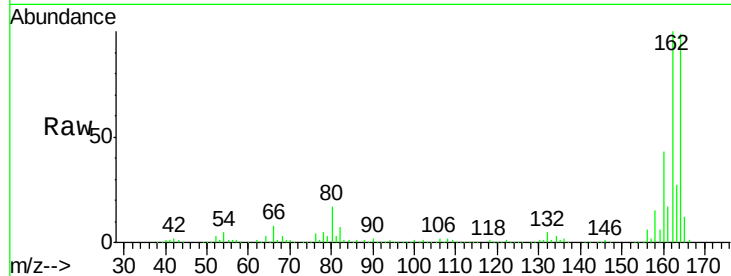
Tgt Ion:164 Resp: 284687

Ion Ratio Lower Upper

164 100

162 100.8 80.5 120.7

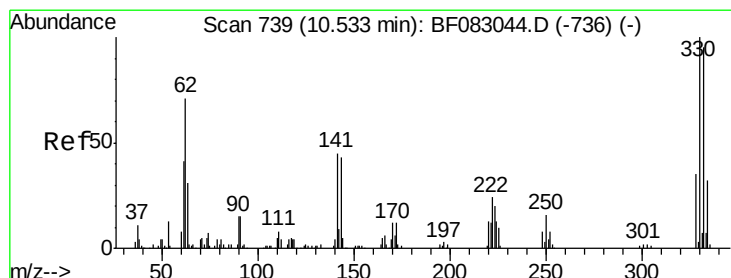
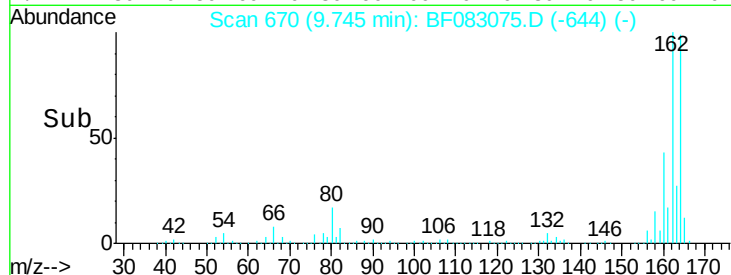
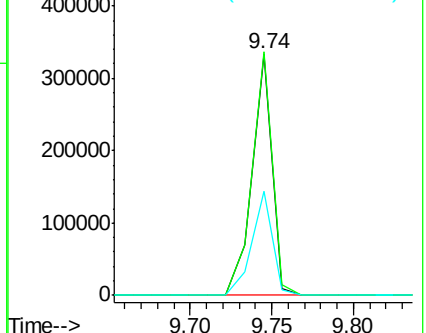
160 43.3 35.0 52.4



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: 93.92 ng

RT: 10.53 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

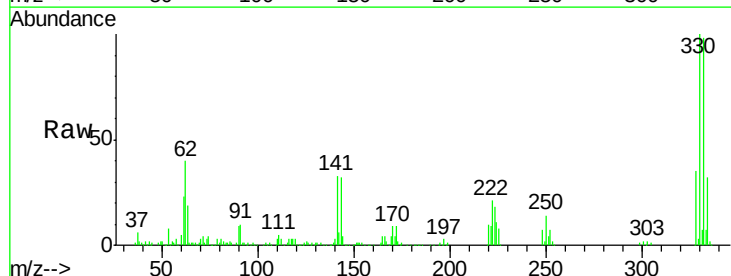
Tgt Ion:330 Resp: 283875

Ion Ratio Lower Upper

330 100

332 97.6 77.6 116.4

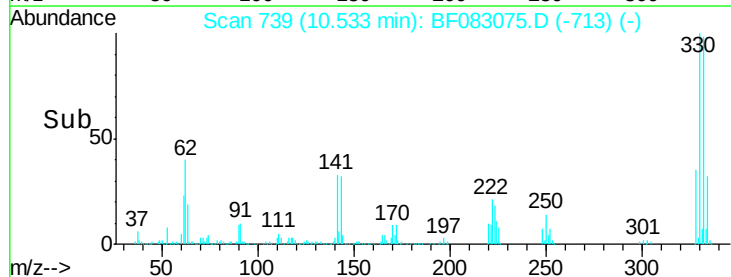
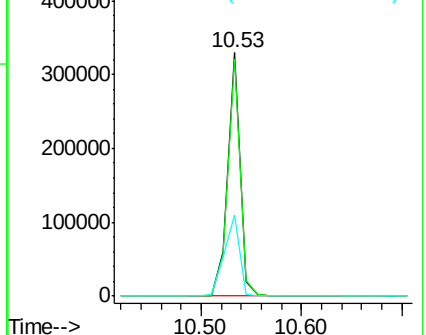
141 41.3 34.6 52.0

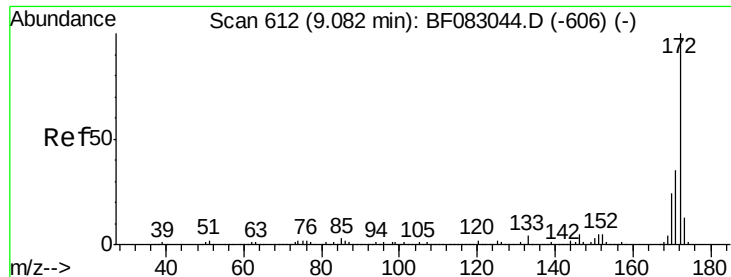


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

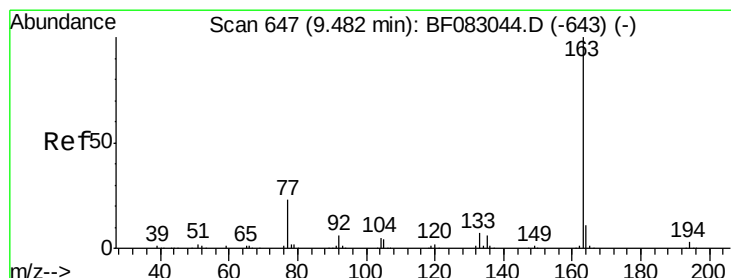
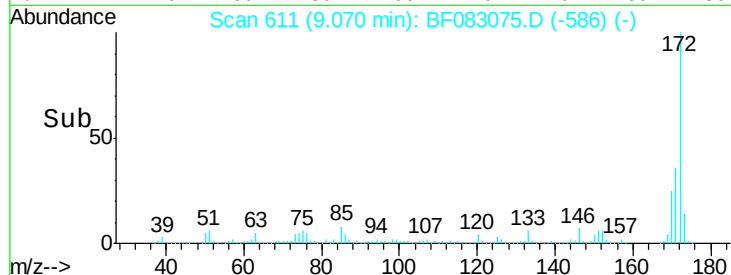
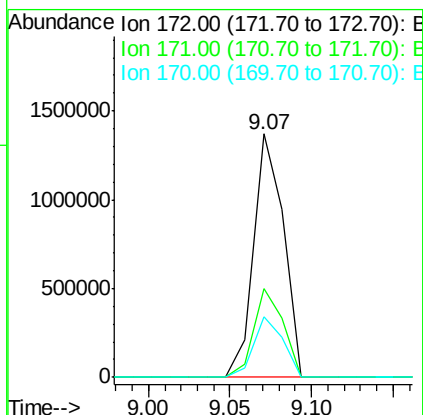
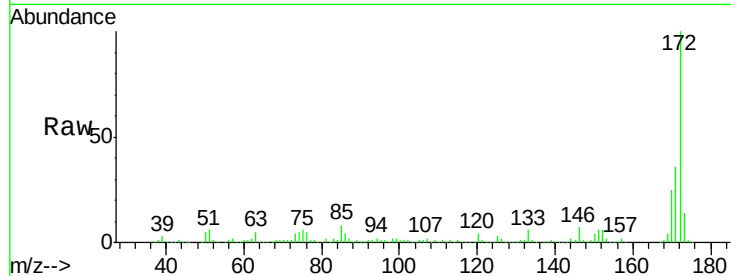




#44
2-Fluorobiphenyl
Concen: 82.34 ng
RT: 9.07 min Scan# 611
Delta R.T. -0.01 min
Lab File: BF083075.D
Acq: 20 Nov 2015 11:52

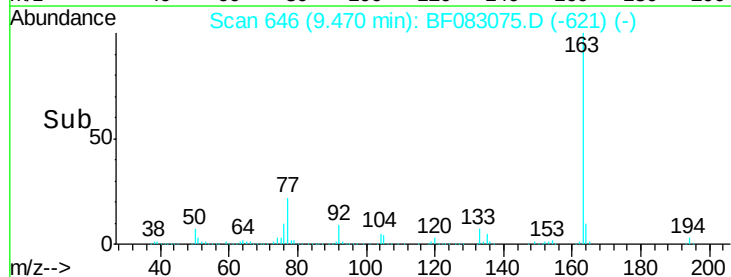
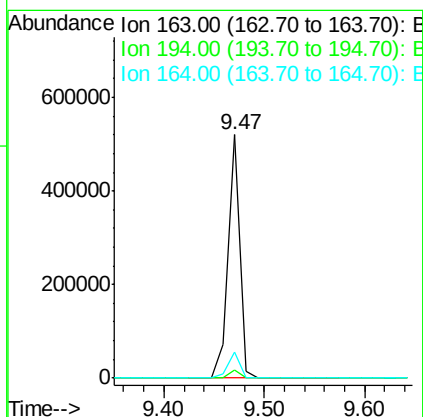
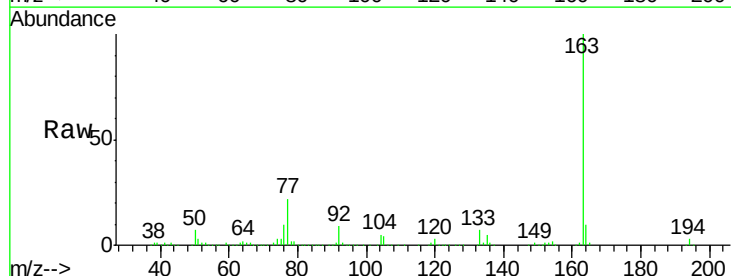
Instrument :
BNA_F
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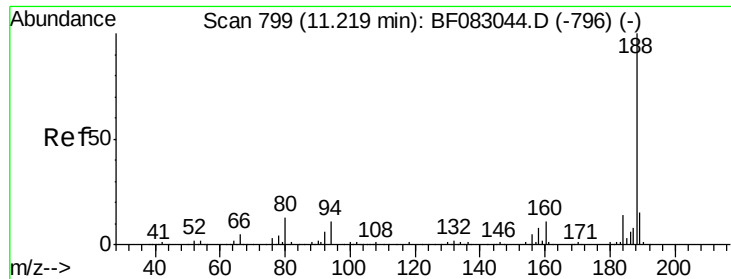
Tgt Ion:172 Resp: 1740407
Ion Ratio Lower Upper
172 100
171 36.5 28.2 42.4
170 24.8 19.4 29.0



#49
Dimethylphthalate
Concen: 17.90 ng
RT: 9.47 min Scan# 646
Delta R.T. -0.01 min
Lab File: BF083075.D
Acq: 20 Nov 2015 11:52

Tgt Ion:163 Resp: 419453
Ion Ratio Lower Upper
163 100
194 3.3 2.7 4.1
164 10.5 8.5 12.7





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.22 min Scan# 799

Delta R.T. 0.00 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

WC-WMT

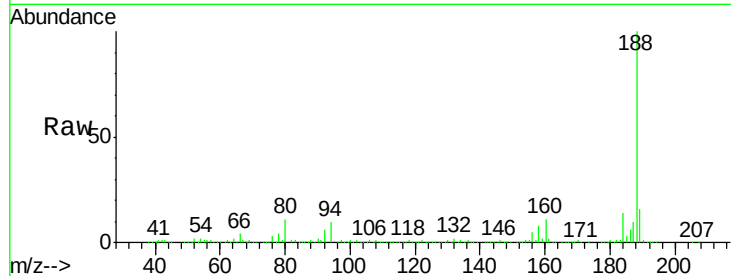
Tgt Ion:188 Resp: 419811

Ion Ratio Lower Upper

188 100

94 10.4 9.0 13.4

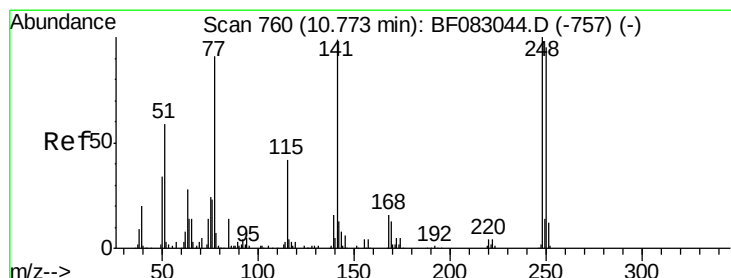
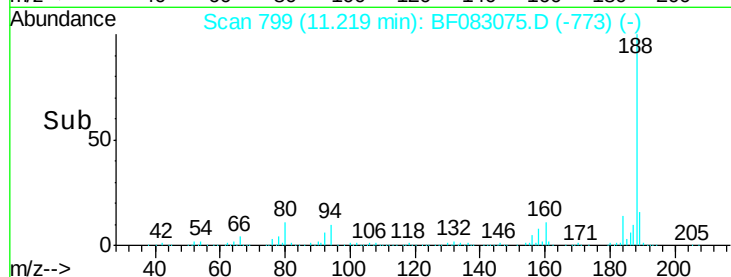
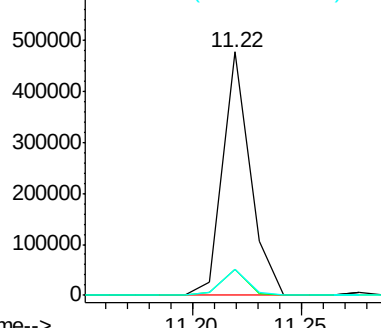
80 10.9 10.2 15.4



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: 4.07 ng

RT: 10.53 min Scan# 739

Delta R.T. -0.24 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

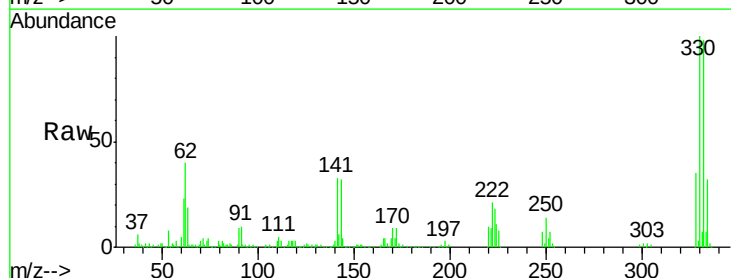
Tgt Ion:248 Resp: 19795

Ion Ratio Lower Upper

248 100

250 210.1 76.1 114.1#

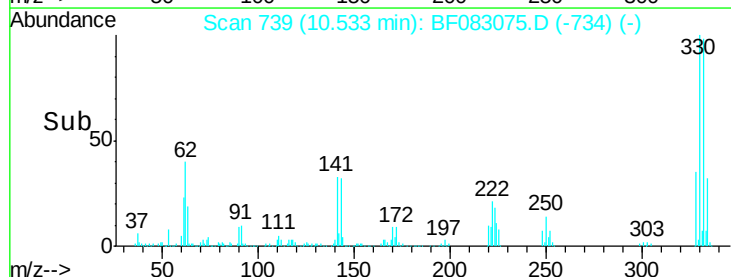
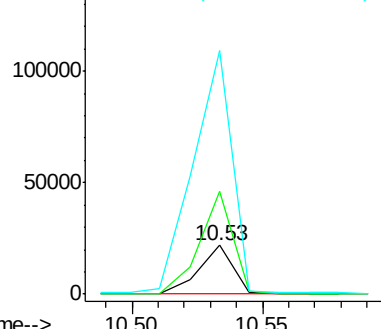
141 498.1 79.2 118.8#

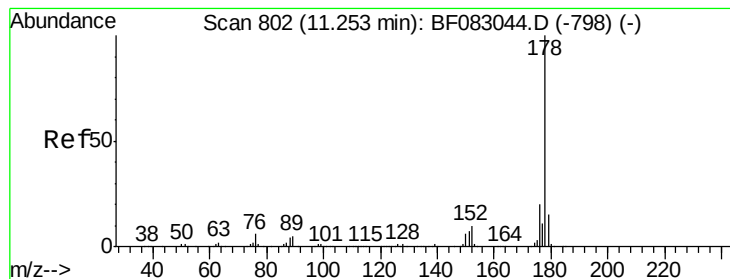


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#70

Phenanthrene

Concen: 2.60 ng

RT: 11.24 min Scan# 801

Delta R.T. -0.01 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

WC-WMT

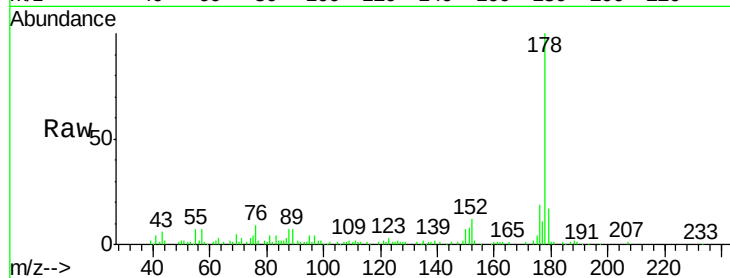
Tgt Ion:178 Resp: 65966

Ion Ratio Lower Upper

178 100

176 19.1 15.6 23.4

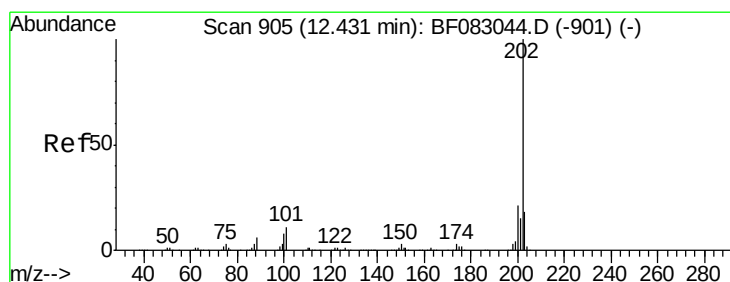
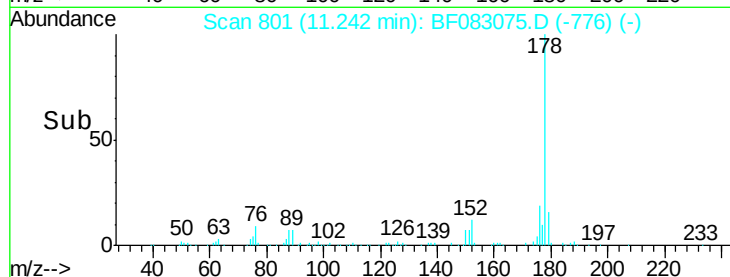
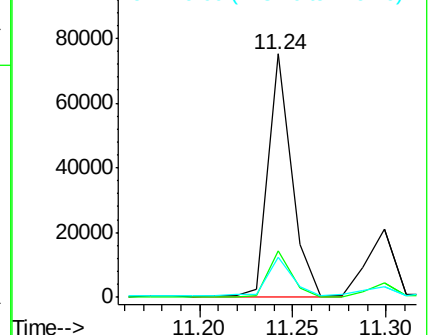
179 16.6 12.3 18.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 2.13 ng

RT: 12.43 min Scan# 905

Delta R.T. 0.00 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

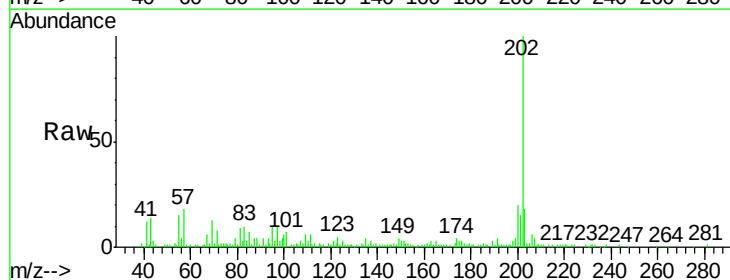
Tgt Ion:202 Resp: 56176

Ion Ratio Lower Upper

202 100

101 7.2 0.0 31.1

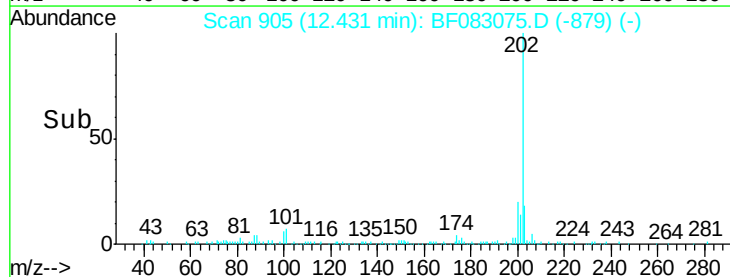
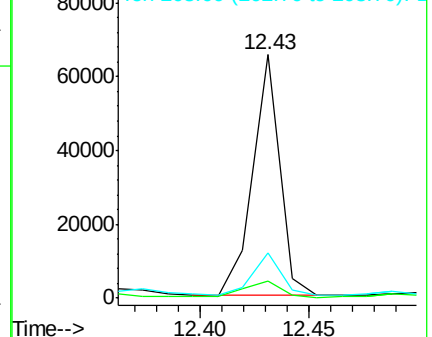
203 18.4 0.0 38.4

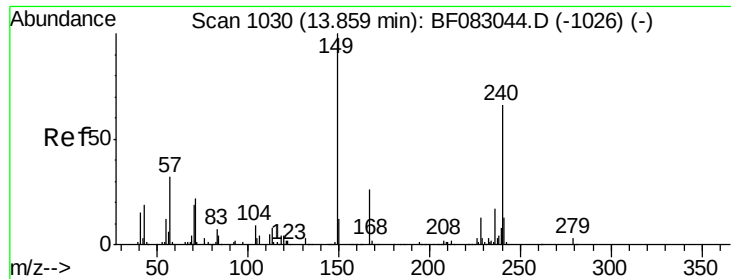


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 1030

Delta R.T. 0.00 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

WC-WMT

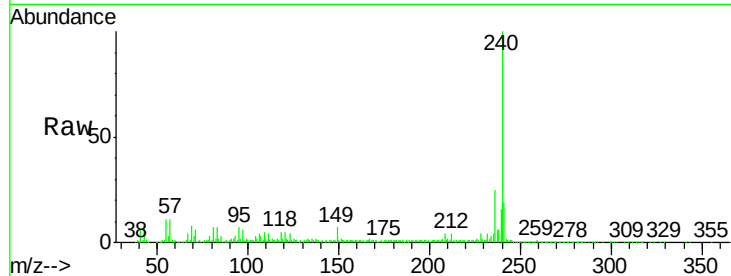
Tgt Ion:240 Resp: 365485

Ion Ratio Lower Upper

240 100

120 5.3 5.3 7.9#

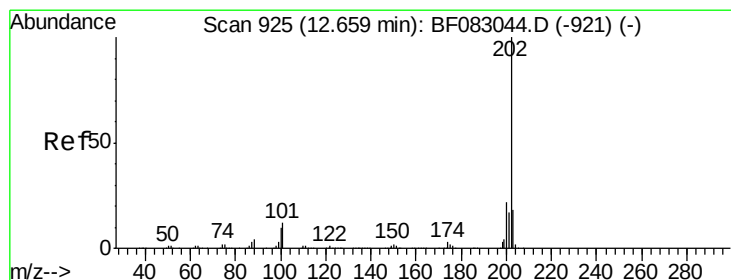
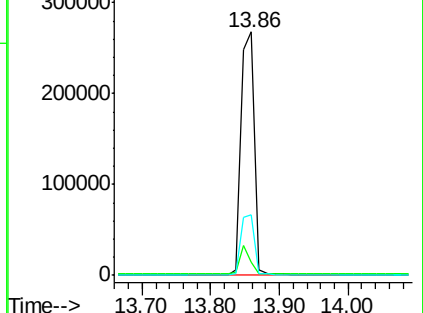
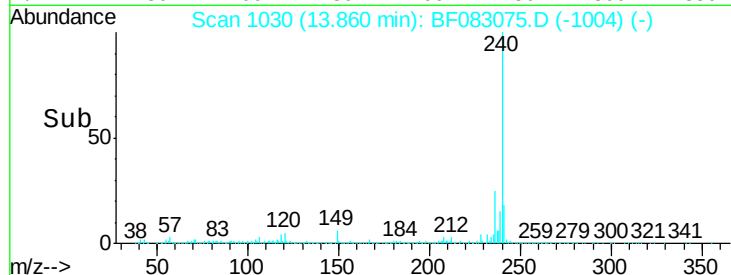
236 24.7 20.4 30.6



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



#77

Pyrene

Concen: 3.44 ng

RT: 12.66 min Scan# 925

Delta R.T. 0.00 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

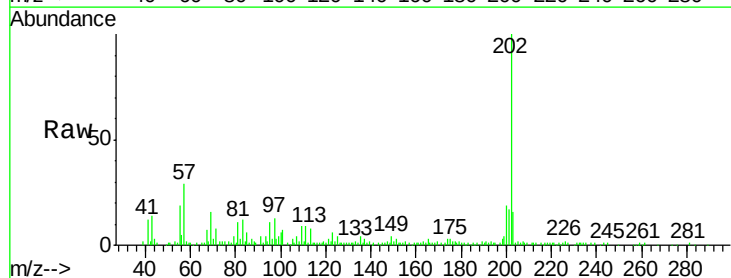
Tgt Ion:202 Resp: 88509

Ion Ratio Lower Upper

202 100

200 19.0 17.6 26.4

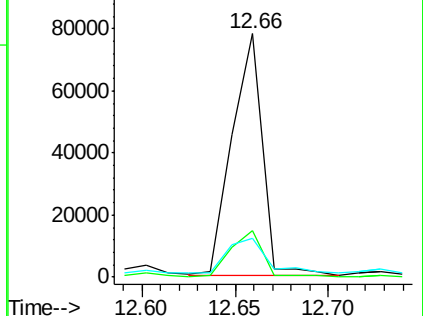
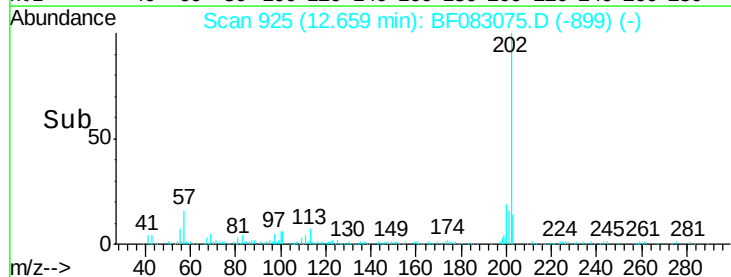
203 15.9 14.6 22.0

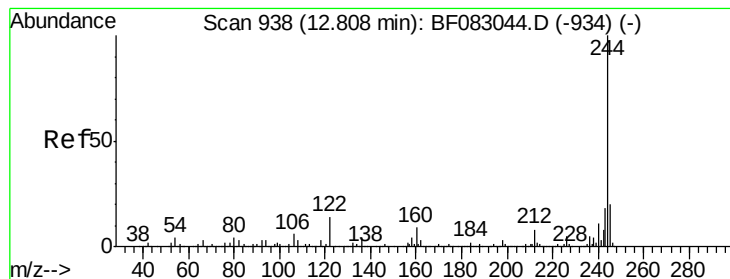


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 84.76 ng

RT: 12.82 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

WC-WMT

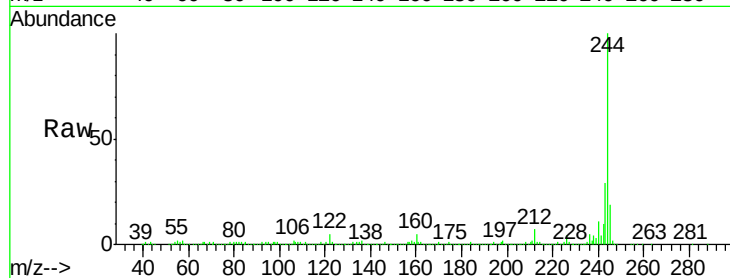
Tgt Ion:244 Resp: 1312301

Ion Ratio Lower Upper

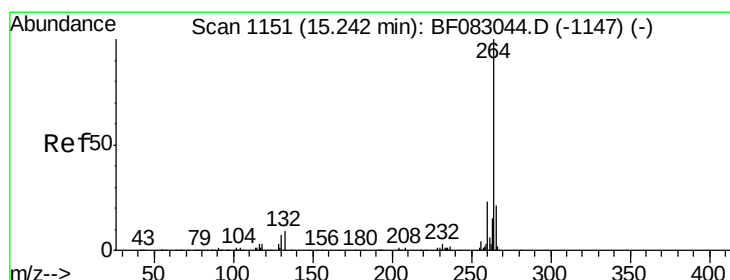
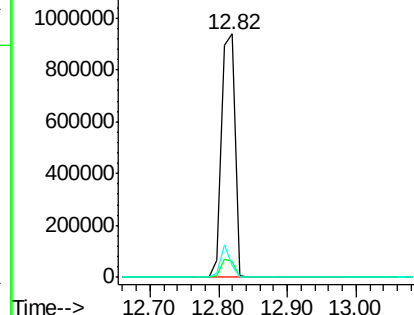
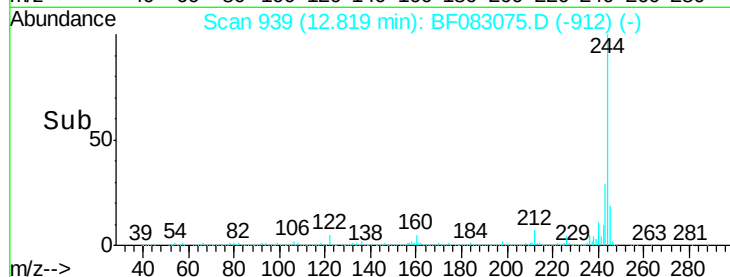
244 100

212 6.5 6.4 9.6

122 4.7 10.9 16.3#



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: 15.24 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF083075.D

Acq: 20 Nov 2015 11:52

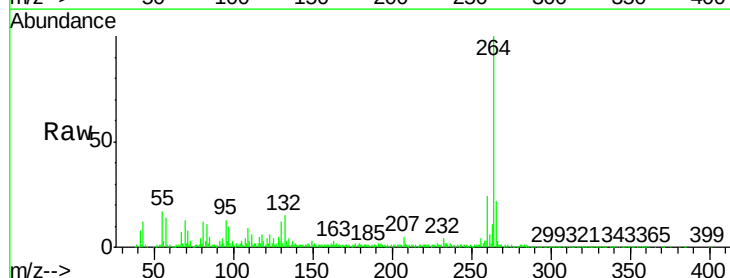
Tgt Ion:264 Resp: 302323

Ion Ratio Lower Upper

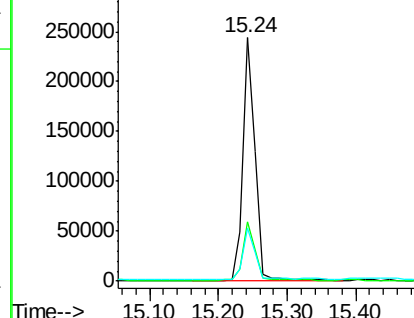
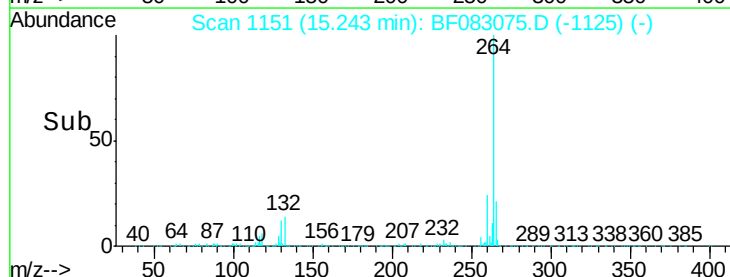
264 100

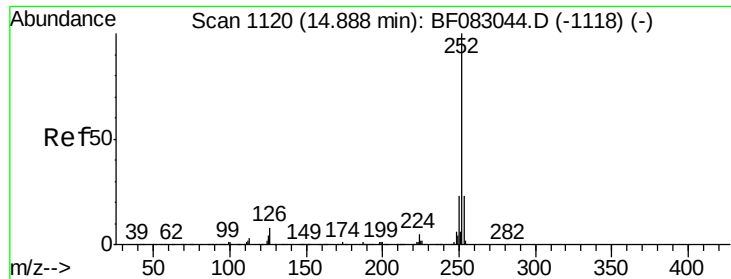
260 24.3 18.6 27.8

265 21.8 17.0 25.6



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: 2.48 ng

RT: 14.85 min Scan# 1117

Delta R.T. -0.03 min

Lab File: BF083075.D

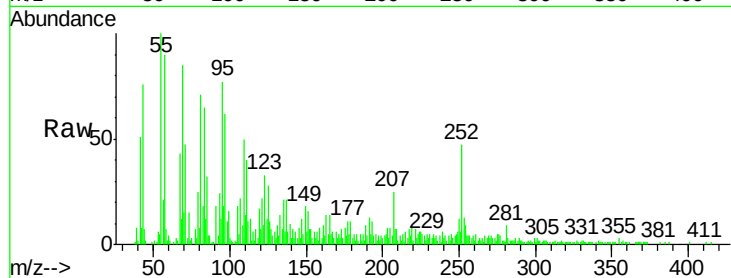
Acq: 20 Nov 2015 11:52

Instrument :

BNA_F

ClientSampleId :

WC-WMT



Tgt Ion: 252 Resp: 40008

Ion Ratio Lower Upper

252 100

253 28.5 17.8 26.6#

125 60.7 3.8 5.6#

