

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022315\
 Data File : BF077405.D
 Acq On : 23 Feb 2015 15:12
 Operator : TP/IZ
 Sample : G1345-09
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB10PX4

Quant Time: Feb 24 00:09:57 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 23 23:58:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.33	152	171661	20.00	ng	0.00
21) Naphthalene-d8	8.91	136	652139	20.00	ng	0.00
38) Acenaphthene-d10	11.09	164	298160	20.00	ng	0.00
63) Phenanthrene-d10	12.98	188	398132	20.00	ng	0.05
75) Chrysene-d12	16.39	240	172868	20.00	ng	0.13
86) Perylene-d12	18.26	264	162475	20.00	ng	0.16

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.63	112	284636	27.68	ng	0.01
7) Phenol-d6	6.89	99	403533	30.52	ng	0.00
23) Nitrobenzene-d5	8.02	82	219433	20.92	ng	-0.01
41) 2,4,6-Tribromophenol	12.09	330	88004	30.65	ng	0.02
44) 2-Fluorobiphenyl	10.26	172	569971	29.81	ng	0.00
78) Terphenyl-d14	0.00	244	0	0.00	ng	

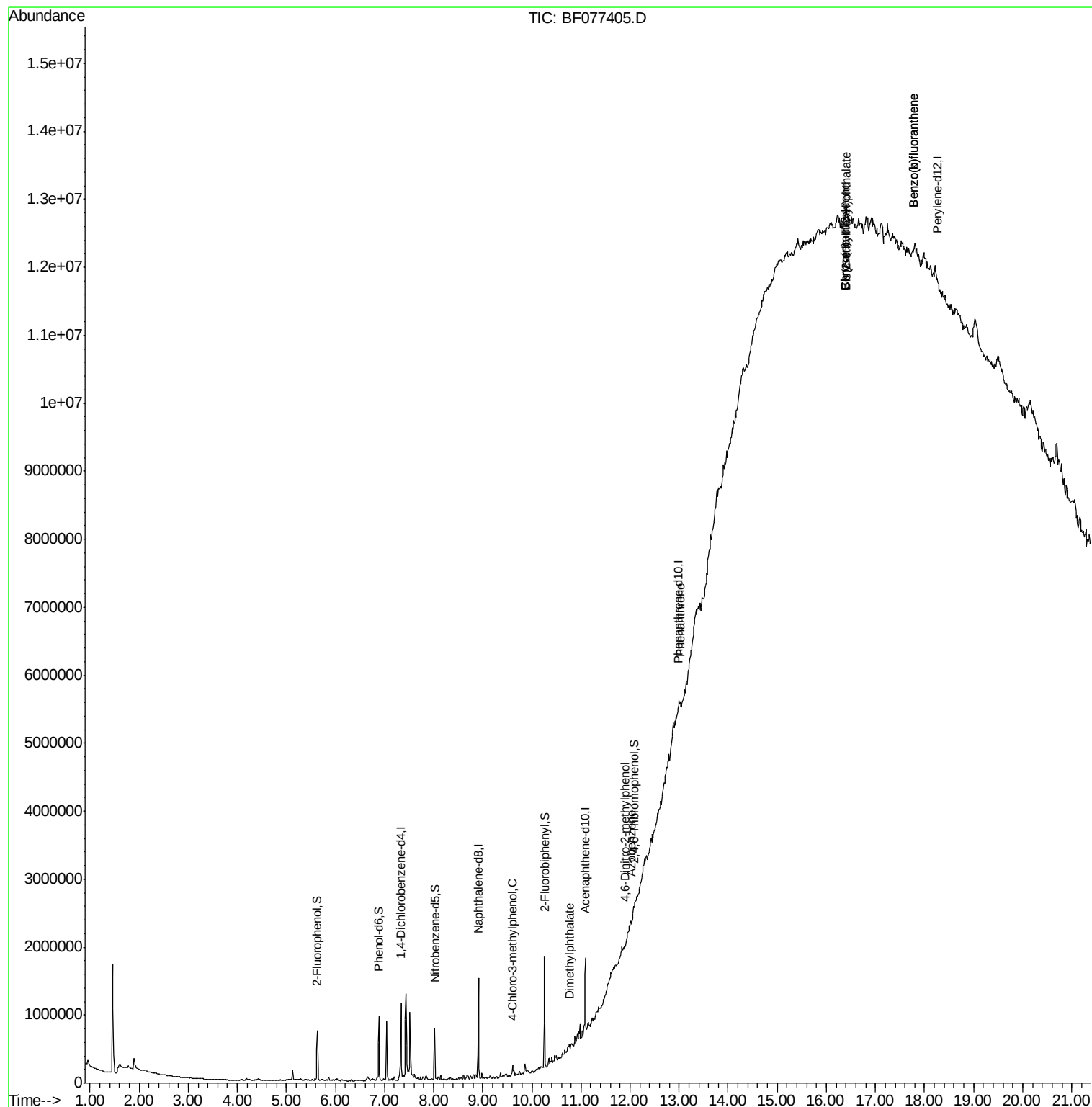
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
36) 4-Chloro-3-methylphenol	9.61	107	33191	3.48	ng	99
49) Dimethylphthalate	10.76	163	45664	2.18	ng	# 94
62) Azobenzene	12.02	77	43047	2.20	ng	# 32
64) 4,6-Dinitro-2-methylphenol	11.89	198	163	3.81	ng	# 1
70) Phenanthrene	13.03	178	148514	6.44	ng	# 14
80) Benzo(a)anthracene	16.39	228	33584	3.31	ng	# 1
82) Chrysene	16.39	228	38830	4.08	ng	# 1
83) Bis(2-ethylhexyl)phthalate	16.41	149	686918	98.47	ng	# 87
87) Benzo(b)fluoranthene	17.77	252	32799	3.47	ng	# 1
88) Benzo(k)fluoranthene	17.77	252	32165	3.47	ng	# 1

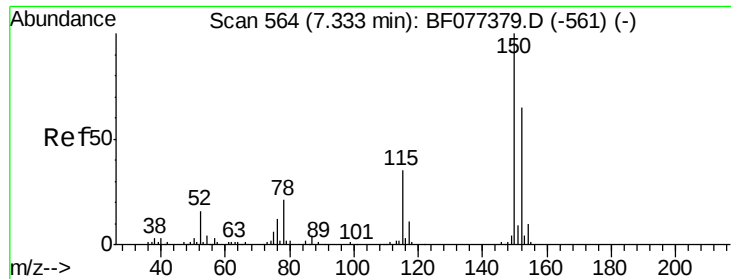
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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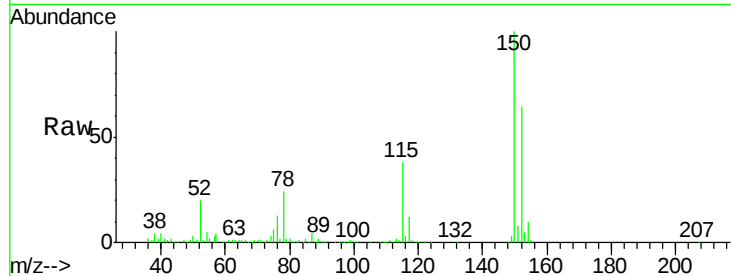


#1

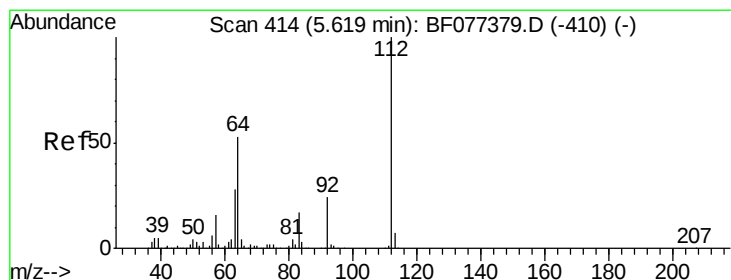
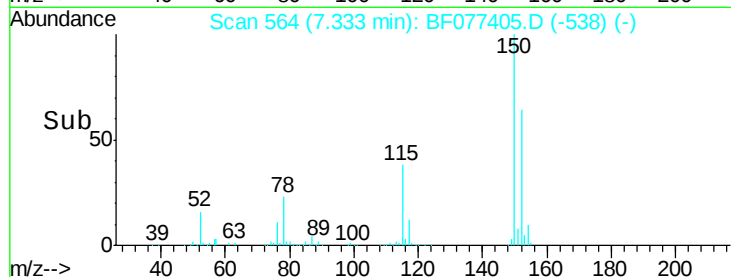
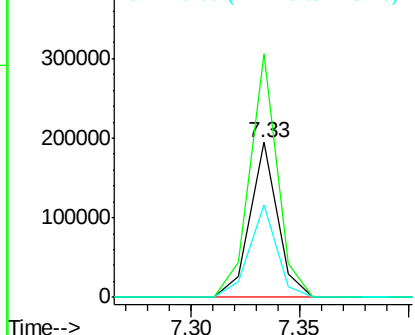
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.33 min Scan# 564
Delta R.T. 0.00 min
Lab File: BF077405.D
Acq: 23 Feb 2015 15:12

Instrument :
BNA_F
ClientSampleId :
UB10PX4

Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.0	124.0	186.0
115	59.4	49.4	74.2



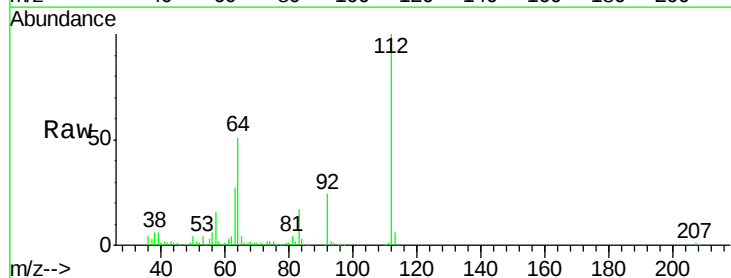
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



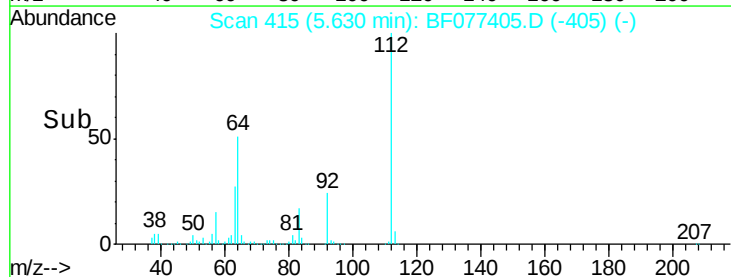
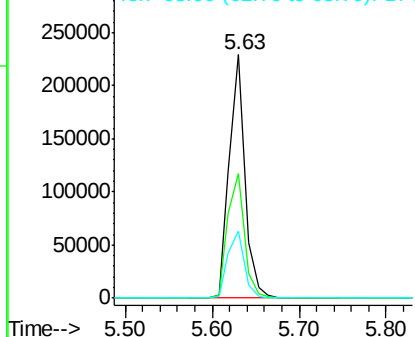
#5

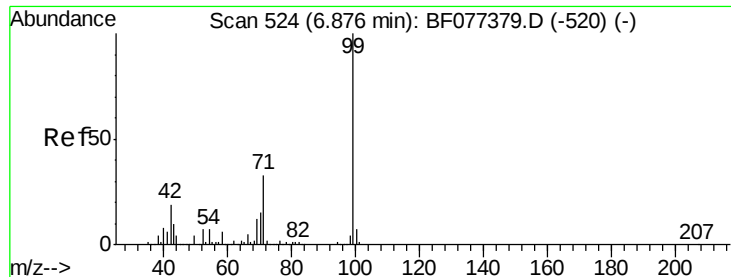
2-Fluorophenol
Concen: 27.68 ng
RT: 5.63 min Scan# 415
Delta R.T. 0.01 min
Lab File: BF077405.D
Acq: 23 Feb 2015 15:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	48.5	72.7
63	27.4	25.0	37.4



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: 30.52 ng

RT: 6.89 min Scan# 525

Delta R.T. 0.00 min

Lab File: BF077405.D

Acq: 23 Feb 2015 15:12

Instrument :

BNA_F

ClientSampleId :

UB10PX4

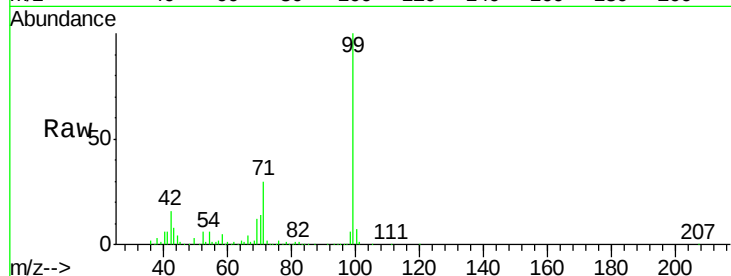
Tgt Ion: 99 Resp: 403533

Ion Ratio Lower Upper

99 100

42 15.6 16.2 24.4#

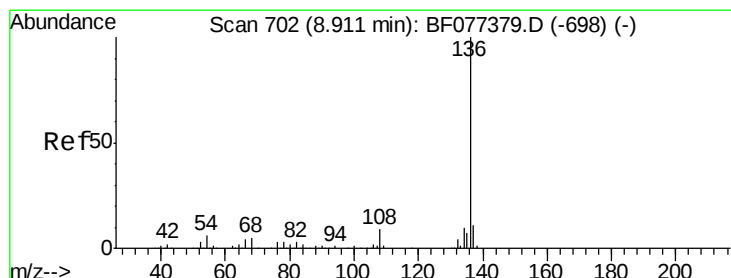
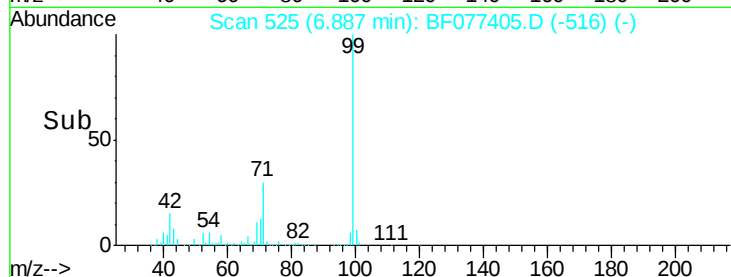
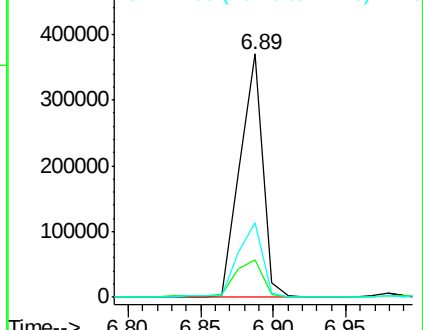
71 30.5 26.7 40.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.91 min Scan# 702

Delta R.T. 0.00 min

Lab File: BF077405.D

Acq: 23 Feb 2015 15:12

Tgt Ion: 136 Resp: 652139

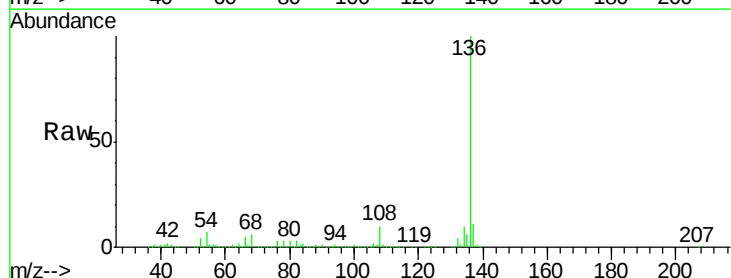
Ion Ratio Lower Upper

136 100

137 11.0 8.6 13.0

54 7.1 6.2 9.4

68 5.6 5.0 7.6

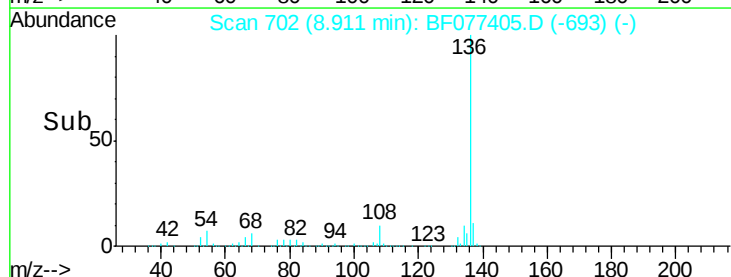
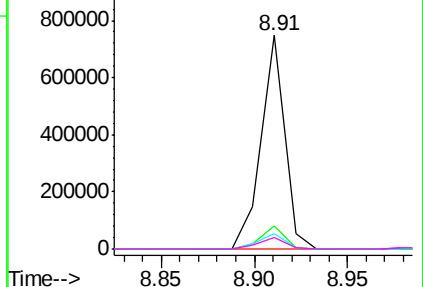


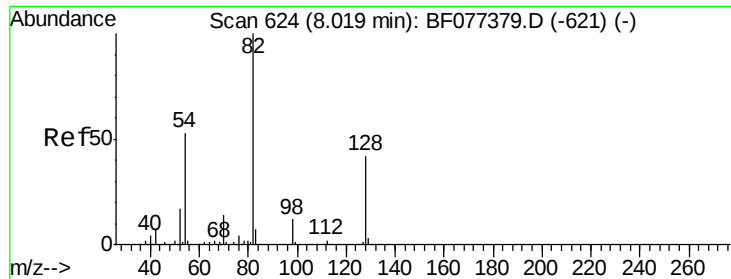
Abundance Ion 136.00 (135.70 to 136.70): E

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

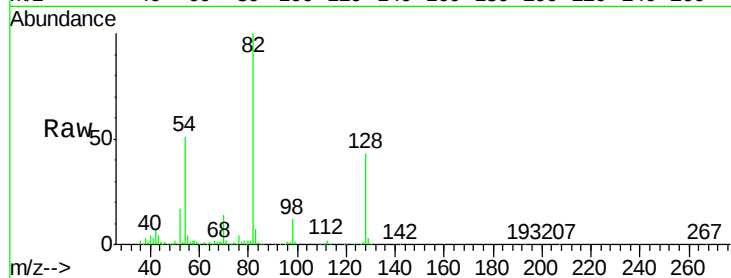




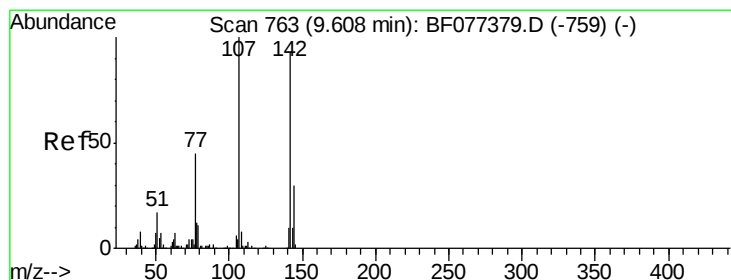
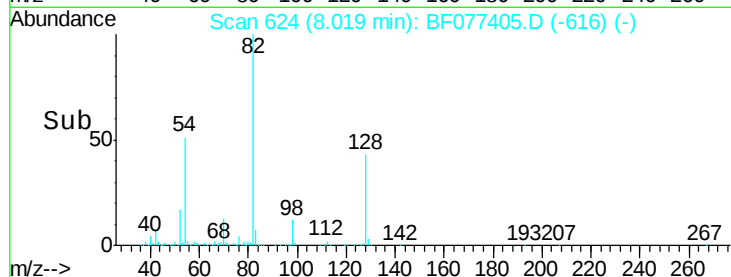
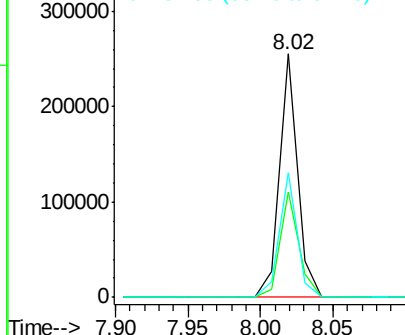
#23
 Nitrobenzene-d5
 Concen: 20.92 ng
 RT: 8.02 min Scan# 624
 Delta R.T. -0.01 min
 Lab File: BF077405.D
 Acq: 23 Feb 2015 15:12

Instrument :
 BNA_F
 ClientSampleId :
 UB10PX4

Tgt Ion	Ratio	Lower	Upper
82	100		
128	43.1	43.8	65.8#
54	51.3	36.7	55.1

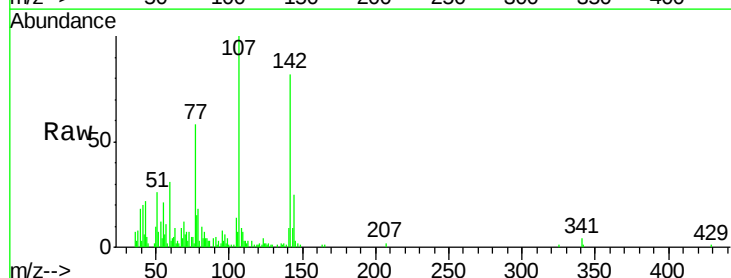


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

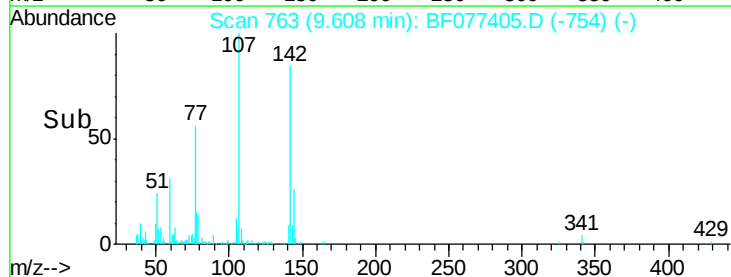
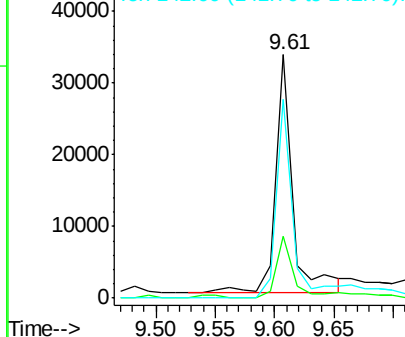


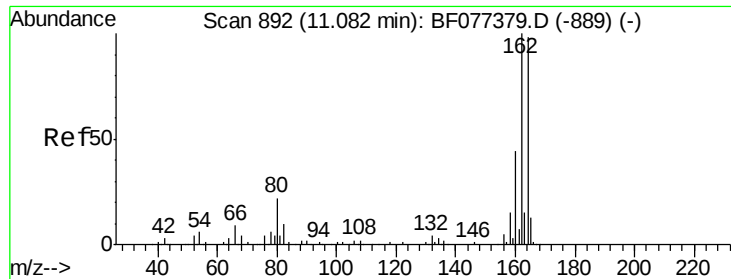
#36
 4-Chloro-3-methylphenol
 Concen: 3.48 ng
 RT: 9.61 min Scan# 763
 Delta R.T. 0.00 min
 Lab File: BF077405.D
 Acq: 23 Feb 2015 15:12

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.3	21.1	31.7
142	81.7	65.3	97.9



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E

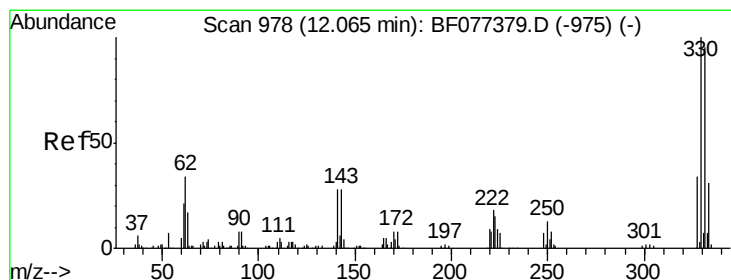
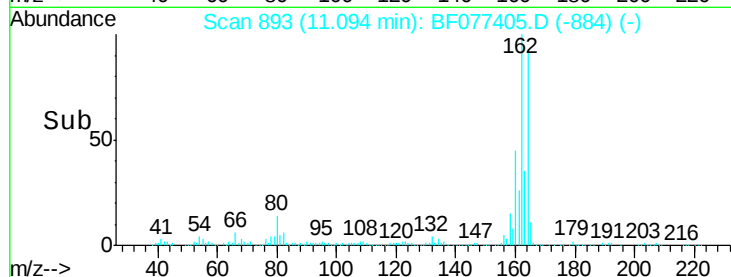
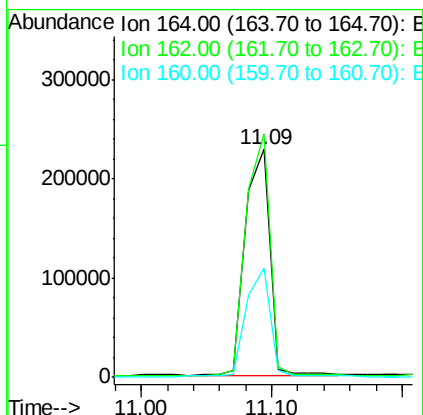
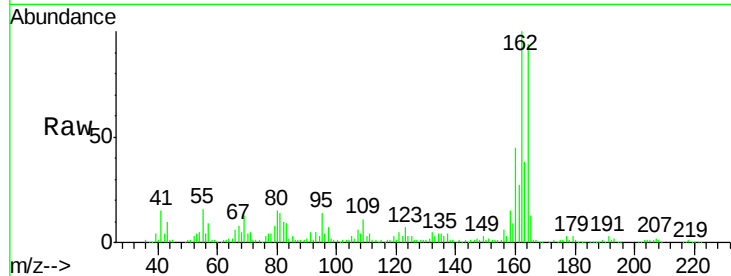




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.09 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF077405.D
 Acq: 23 Feb 2015 15:12

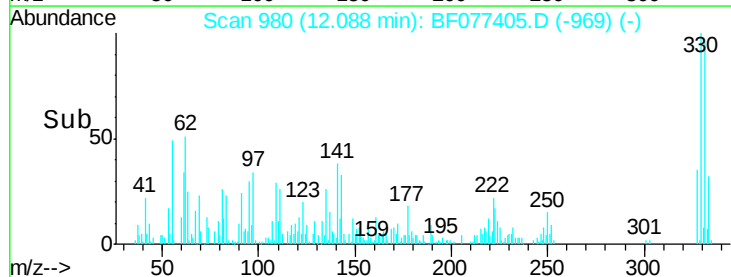
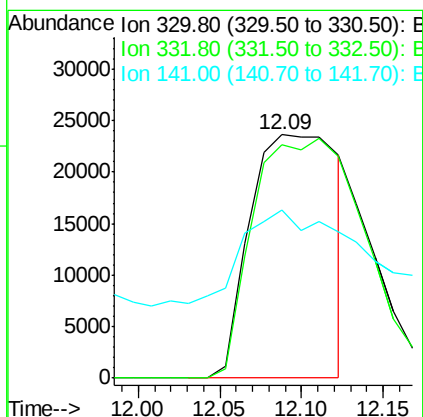
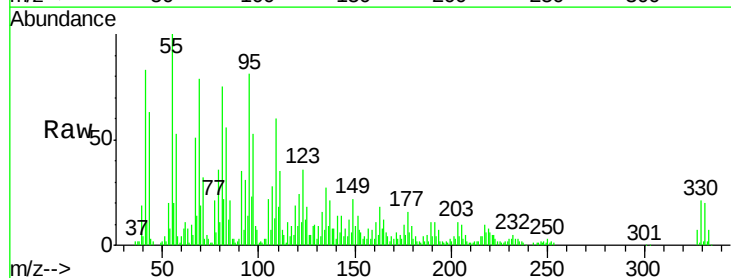
Instrument :
 BNA_F
 ClientSampleId :
 UB10PX4

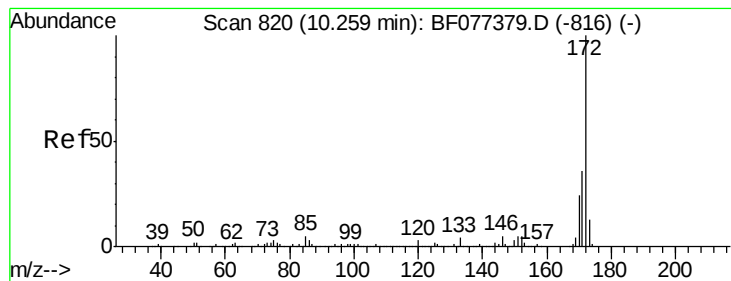
Tgt Ion:164 Resp: 298160
 Ion Ratio Lower Upper
 164 100
 162 106.8 83.2 124.8
 160 48.0 34.6 52.0



#41
 2,4,6-Tribromophenol
 Concen: 30.65 ng
 RT: 12.09 min Scan# 980
 Delta R.T. 0.02 min
 Lab File: BF077405.D
 Acq: 23 Feb 2015 15:12

Tgt Ion:330 Resp: 88004
 Ion Ratio Lower Upper
 330 100
 332 0.0 77.4 116.2#
 141 39.1 28.8 43.2





#44

2-Fluorobiphenyl

Concen: 29.81 ng

RT: 10.26 min Scan# 820

Delta R.T. 0.00 min

Lab File: BF077405.D

Acq: 23 Feb 2015 15:12

Instrument :

BNA_F

ClientSampleId :

UB10PX4

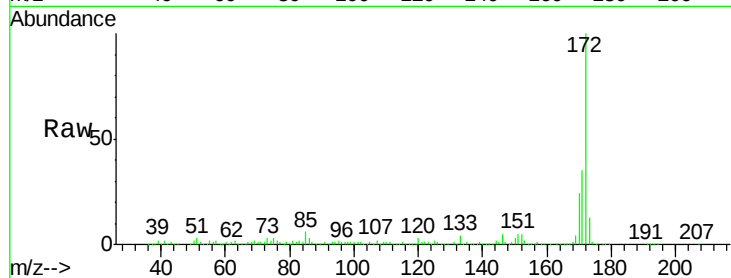
Tgt Ion:172 Resp: 569971

Ion Ratio Lower Upper

172 100

171 35.2 28.9 43.3

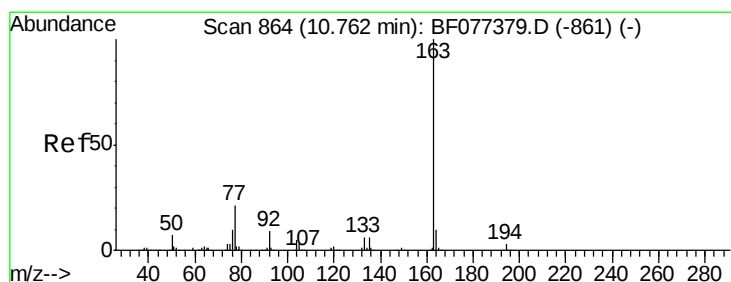
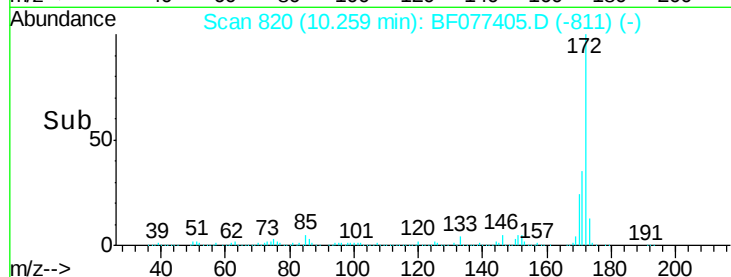
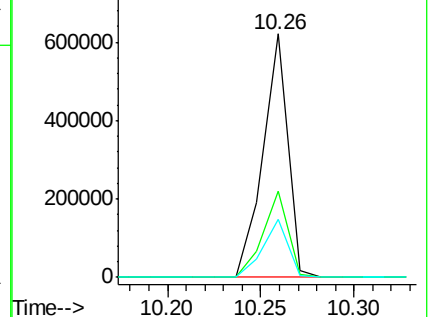
170 23.6 19.4 29.2



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: 2.18 ng

RT: 10.76 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF077405.D

Acq: 23 Feb 2015 15:12

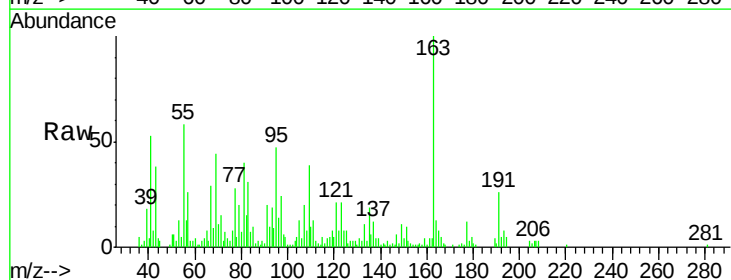
Tgt Ion:163 Resp: 45664

Ion Ratio Lower Upper

163 100

194 5.0 2.6 4.0#

164 13.2 8.6 13.0#



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

