

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022415\
 Data File : BF077426.D
 Acq On : 24 Feb 2015 20:15
 Operator : IZ / TP
 Sample : G1345-09
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 UB10PX4

Quant Time: Feb 25 03:02:23 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 25 00:25:01 2015
 Response via : Initial Calibration

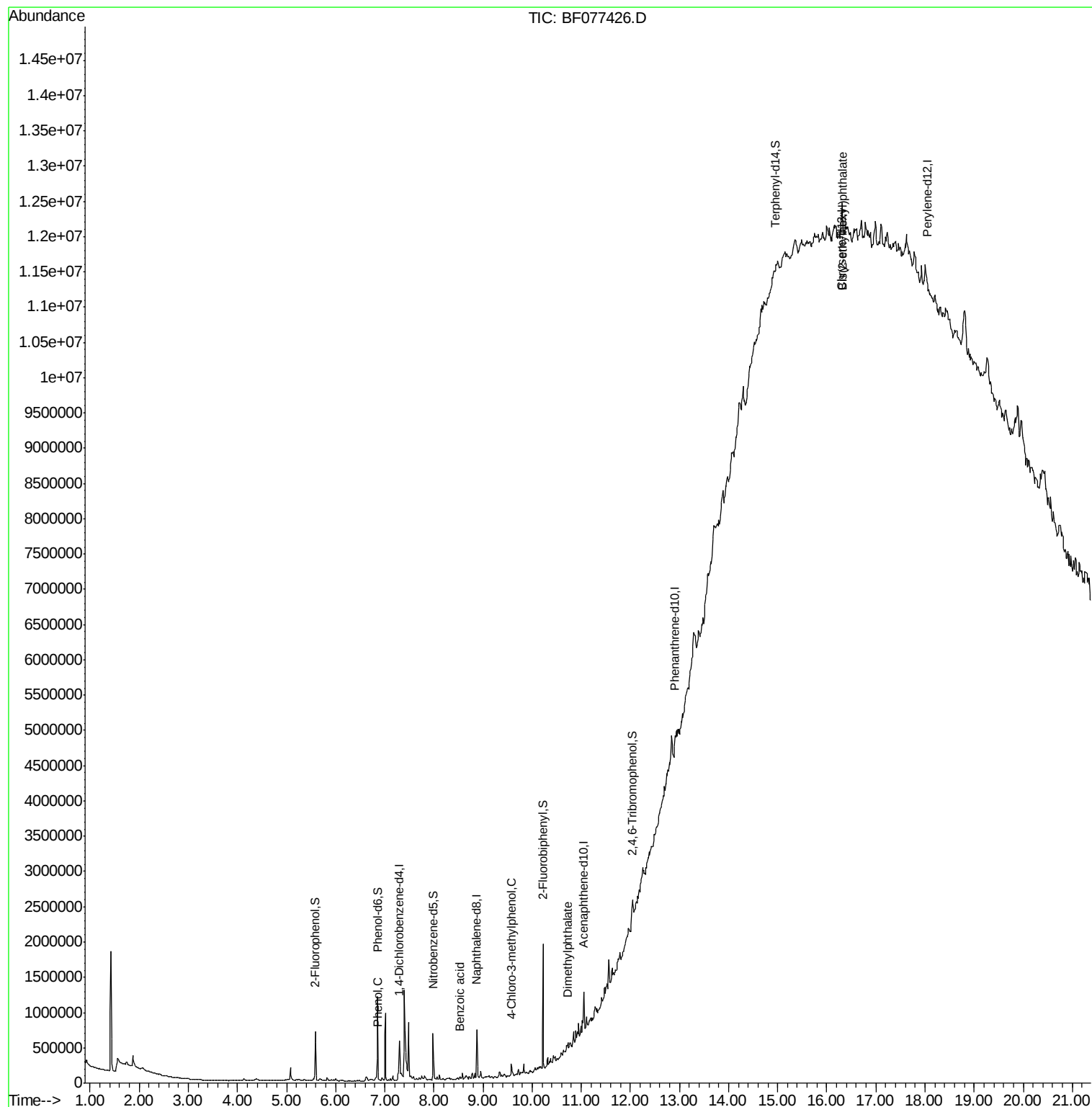
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	73001	20.00	ng	0.00
21) Naphthalene-d8	8.88	136	299808	20.00	ng	-0.01
38) Acenaphthene-d10	11.05	164	149765	20.00	ng	-0.01
63) Phenanthrene-d10	12.91	188	251854m	20.00	ng	0.01
75) Chrysene-d12	16.29	240	100340	20.00	ng	0.07
86) Perylene-d12	18.04	264	102863	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	281203	64.31	ng	-0.01
7) Phenol-d6	6.85	99	406345	72.27	ng	-0.01
23) Nitrobenzene-d5	7.98	82	216949	45.00	ng	-0.01
41) 2,4,6-Tribromophenol	12.04	330	114981m	79.73	ng	0.00
44) 2-Fluorobiphenyl	10.23	172	564891	58.81	ng	0.00
78) Terphenyl-d14	14.95	244	329274	76.72	ng	0.05
Target Compounds						
10) Phenol	6.86	94	14862	2.23	ng	Qvalue 79
32) Benzoic acid	8.53	122	6928	3.07	ng	92
36) 4-Chloro-3-methylphenol	9.57	107	39250	8.94	ng	94
49) Dimethylphthalate	10.73	163	43899	4.17	ng	# 95
83) Bis(2-ethylhexyl)phthalate	16.32	149	678827	167.64	ng	# 91

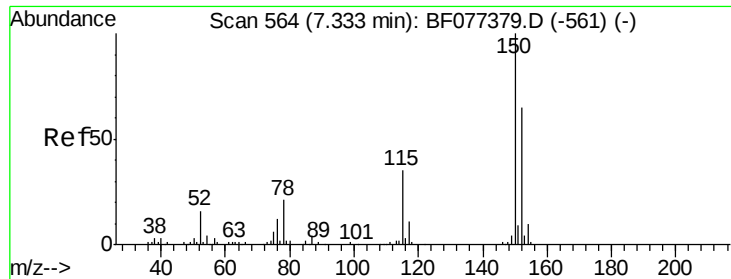
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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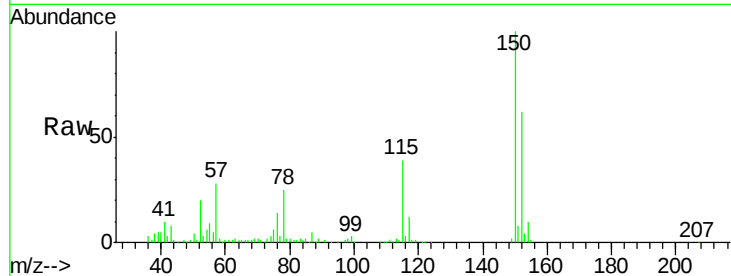


#1

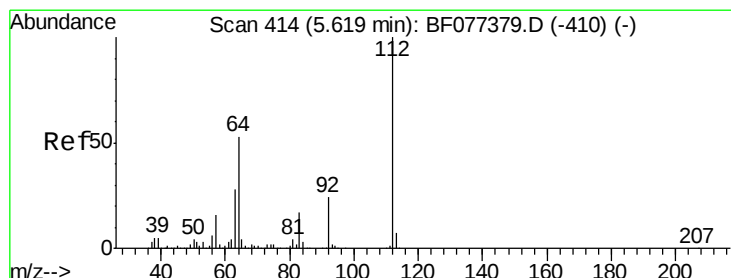
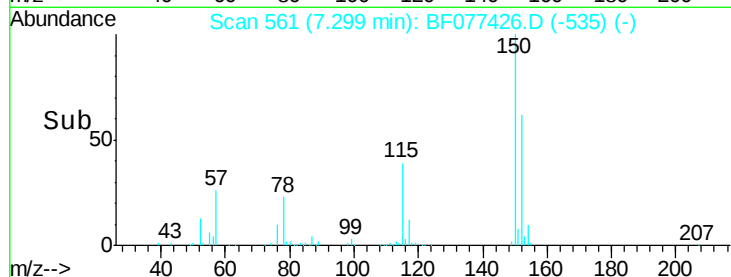
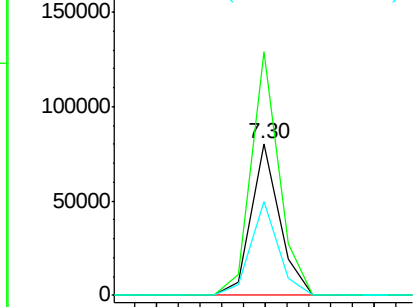
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.30 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF077426.D
Acq: 24 Feb 2015 20:15

Instrument :
BNA_F
ClientSampleId :
UB10PX4

Tgt Ion:152 Resp: 73001
Ion Ratio Lower Upper
152 100
150 160.2 124.0 186.0
115 61.9 49.4 74.2



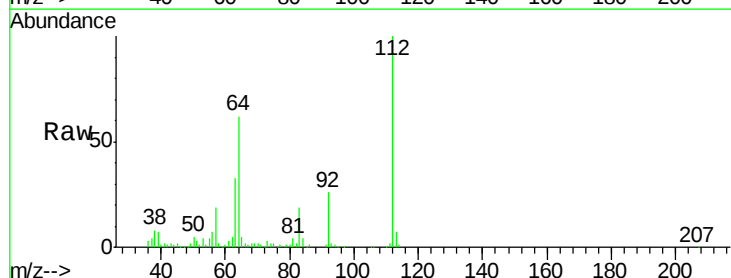
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



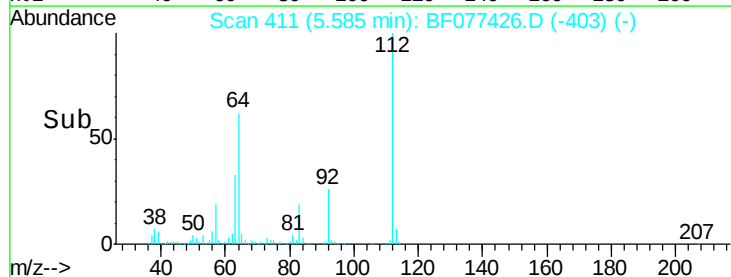
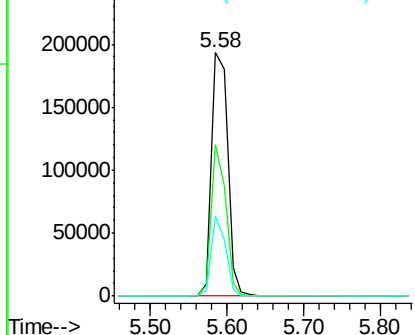
#5

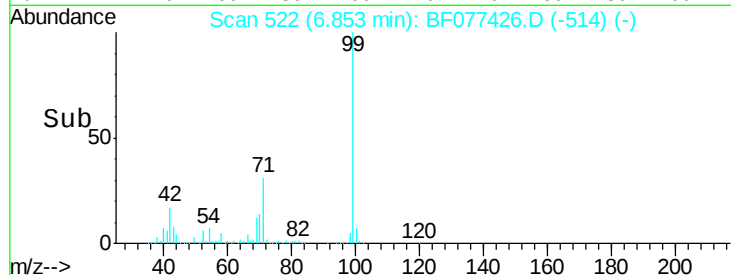
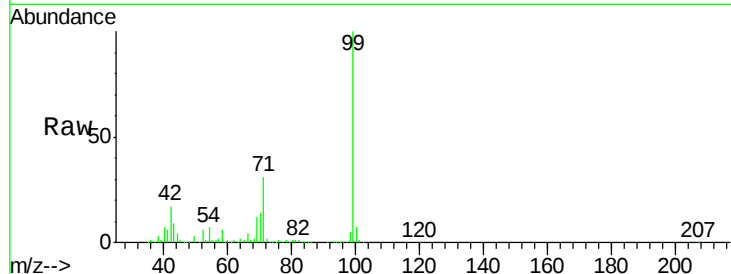
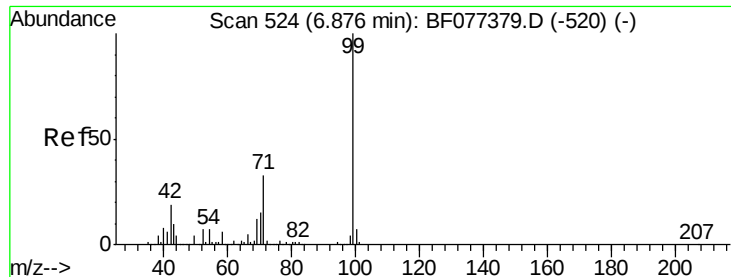
2-Fluorophenol
Concen: 64.31 ng
RT: 5.58 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF077426.D
Acq: 24 Feb 2015 20:15

Tgt Ion:112 Resp: 281203
Ion Ratio Lower Upper
112 100
64 62.0 48.5 72.7
63 32.9 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

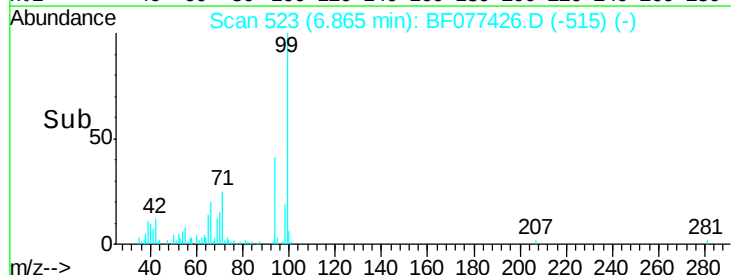
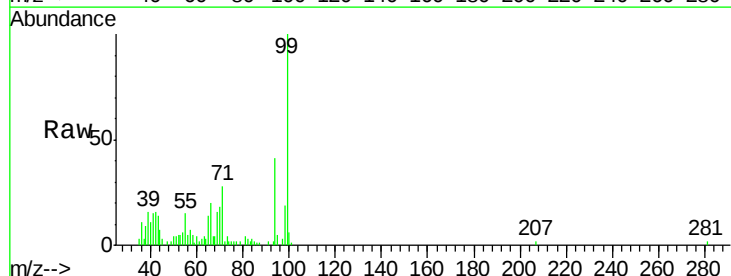
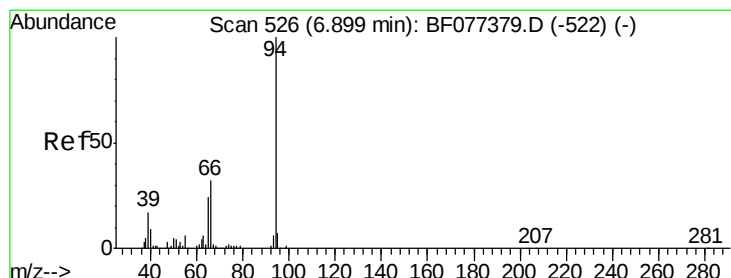
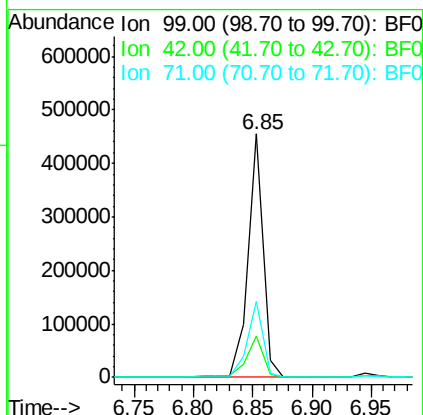




#7
Phenol-d6
Concen: 72.27 ng
RT: 6.85 min Scan# 522
Delta R.T. -0.01 min
Lab File: BF077426.D
Acq: 24 Feb 2015 20:15

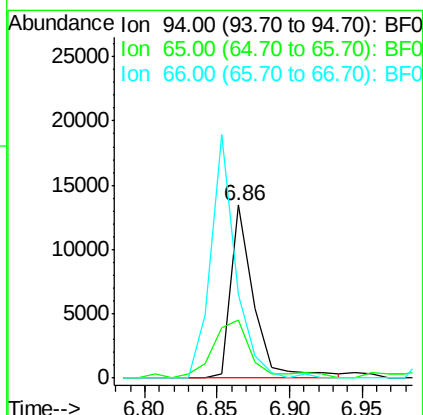
Tgt Ion	Ratio	Lower	Upper
99	100		
42	16.9	16.2	24.4
71	31.3	26.7	40.1

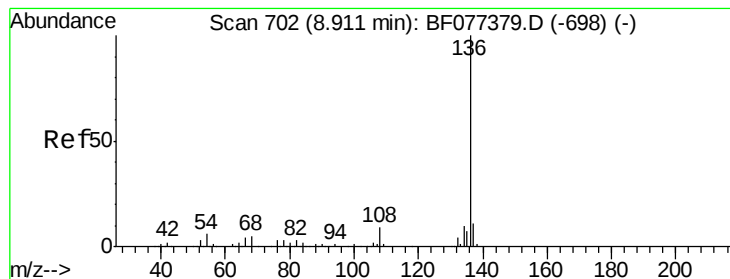
Instrument :
BNA_F
ClientSampleId :
UB10PX4



#10
Phenol
Concen: 2.23 ng
RT: 6.86 min Scan# 523
Delta R.T. -0.01 min
Lab File: BF077426.D
Acq: 24 Feb 2015 20:15

Tgt Ion	Ratio	Lower	Upper
94	100		
65	33.4	5.7	45.7
66	48.4	13.6	53.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.88 min Scan# 699

Delta R.T. -0.01 min

Lab File: BF077426.D

Acq: 24 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

UB10PX4

Tgt Ion:136 Resp: 299808

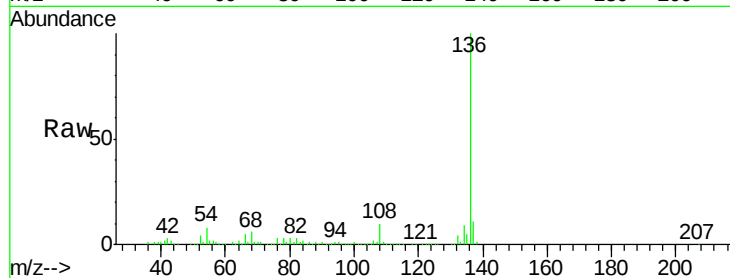
Ion Ratio Lower Upper

136 100

137 11.1 8.6 13.0

54 7.6 6.2 9.4

68 6.4 5.0 7.6

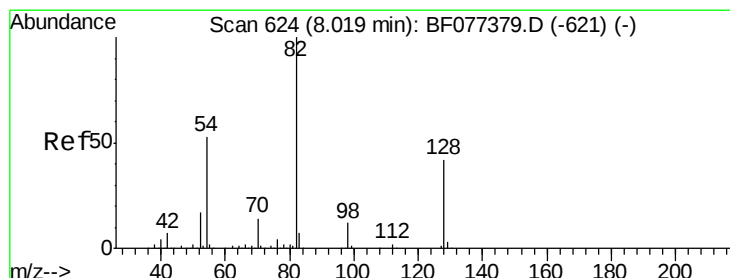
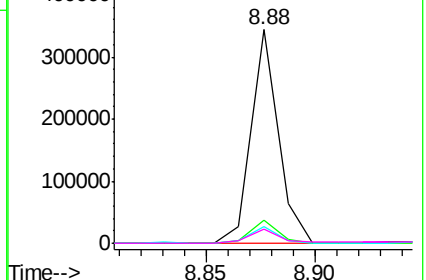
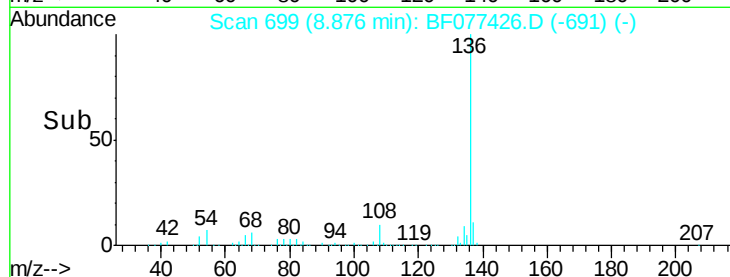


Abundance Ion 136.00 (135.70 to 136.70): E

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: 45.00 ng

RT: 7.98 min Scan# 621

Delta R.T. -0.01 min

Lab File: BF077426.D

Acq: 24 Feb 2015 20:15

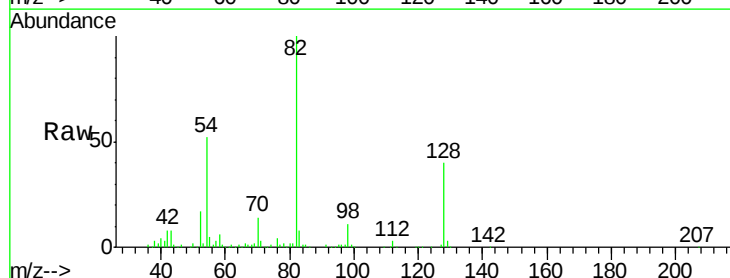
Tgt Ion: 82 Resp: 216949

Ion Ratio Lower Upper

82 100

128 39.8 43.8 65.8#

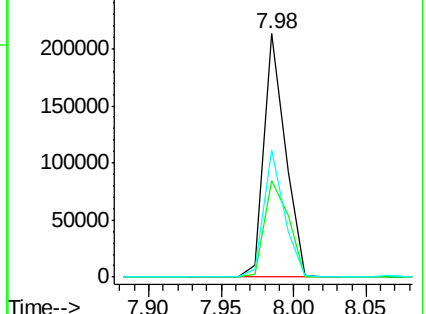
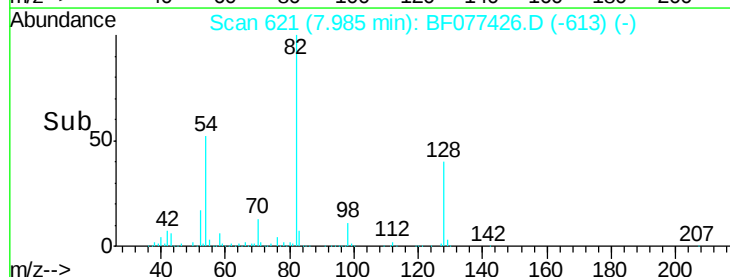
54 52.4 36.7 55.1

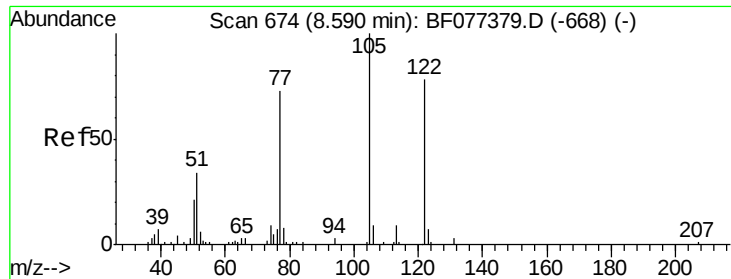


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#32

Benzoic acid

Concen: 3.07 ng

RT: 8.53 min Scan# 669

Delta R.T. -0.05 min

Lab File: BF077426.D

Acq: 24 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

UB10PX4

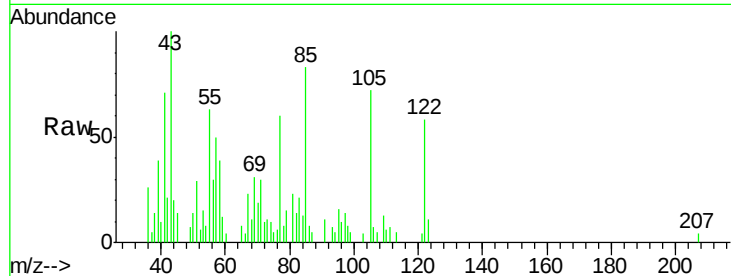
Tgt Ion:122 Resp: 6928

Ion Ratio Lower Upper

122 100

105 122.8 100.3 140.3

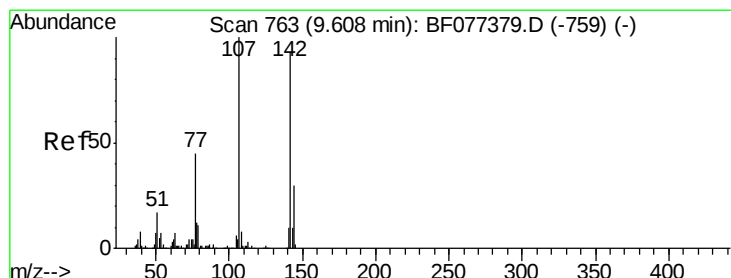
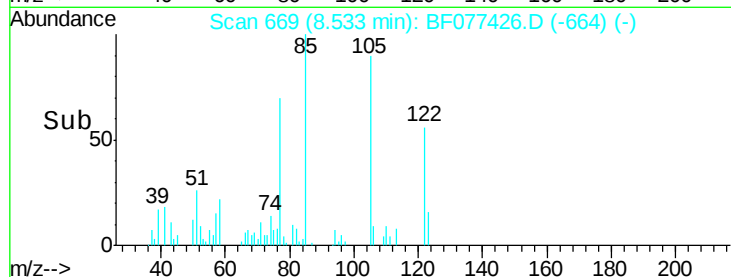
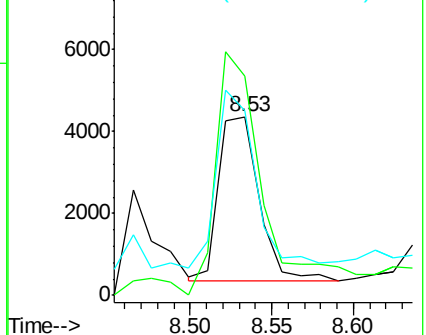
77 103.7 68.7 108.7



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): E



#36

4-Chloro-3-methylphenol

Concen: 8.94 ng

RT: 9.57 min Scan# 760

Delta R.T. -0.01 min

Lab File: BF077426.D

Acq: 24 Feb 2015 20:15

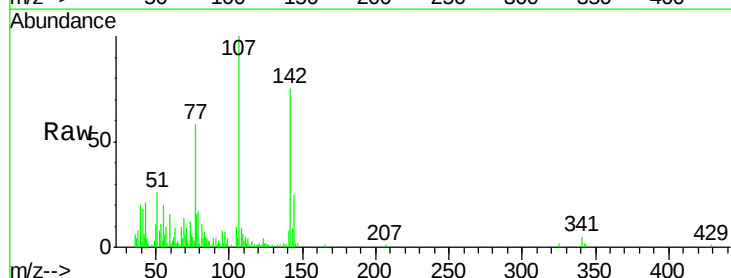
Tgt Ion:107 Resp: 39250

Ion Ratio Lower Upper

107 100

144 24.7 21.1 31.7

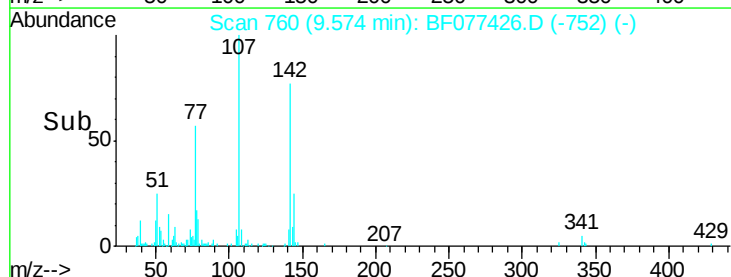
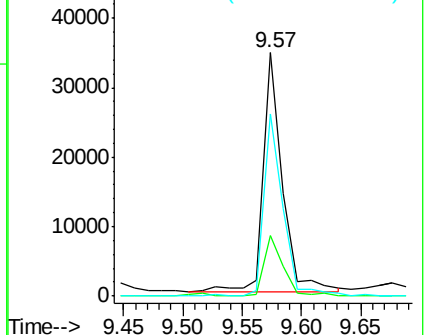
142 75.0 65.3 97.9

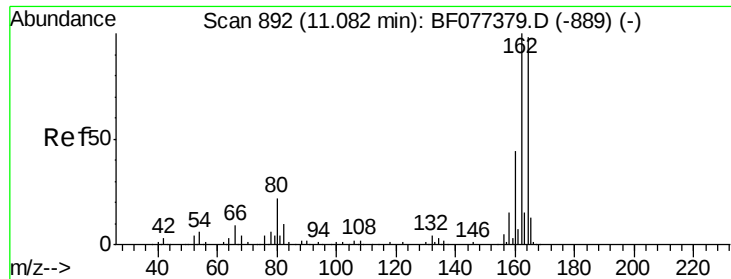


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

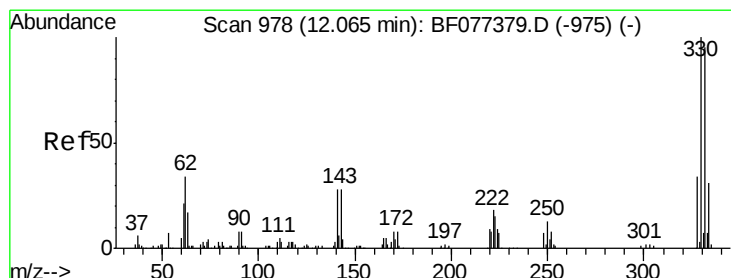
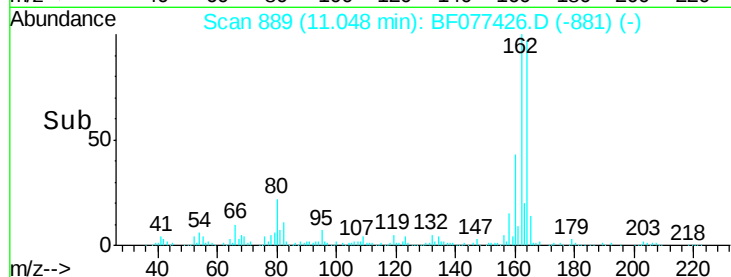
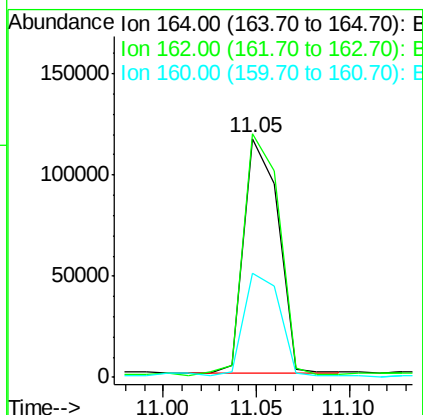
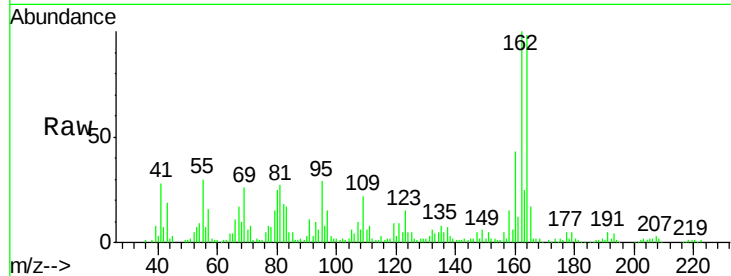




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 11.05 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF077426.D
Acq: 24 Feb 2015 20:15

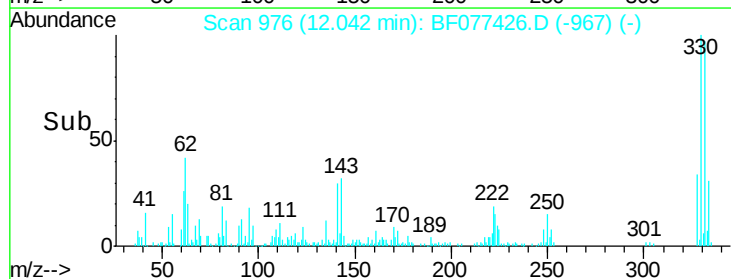
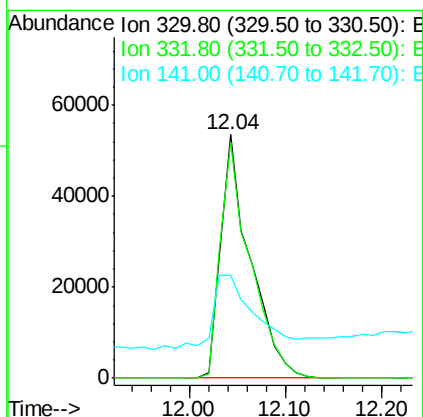
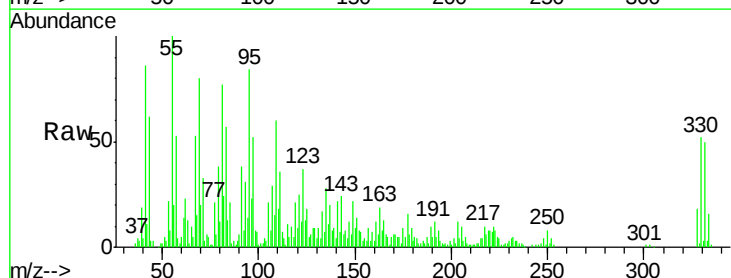
Instrument :
BNA_F
ClientSampleId :
UB10PX4

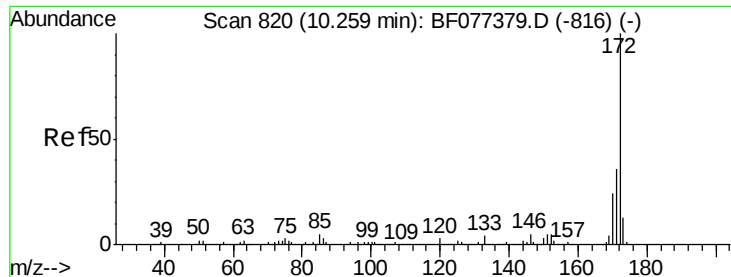
Tgt Ion:164 Resp: 149765
Ion Ratio Lower Upper
164 100
162 102.0 83.2 124.8
160 43.6 34.6 52.0



#41
2,4,6-Tribromophenol
Concen: 79.73 ng m
RT: 12.04 min Scan# 976
Delta R.T. 0.00 min
Lab File: BF077426.D
Acq: 24 Feb 2015 20:15

Tgt Ion:330 Resp: 114981
Ion Ratio Lower Upper
330 100
332 95.6 77.4 116.2
141 40.2 28.8 43.2

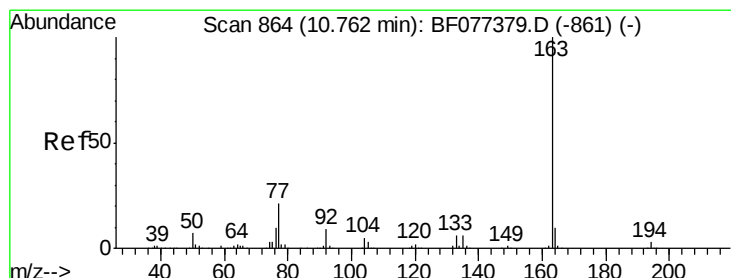
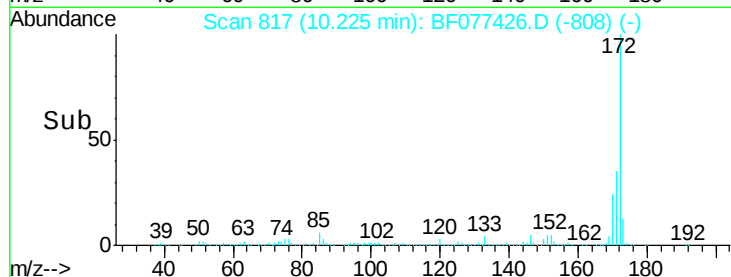
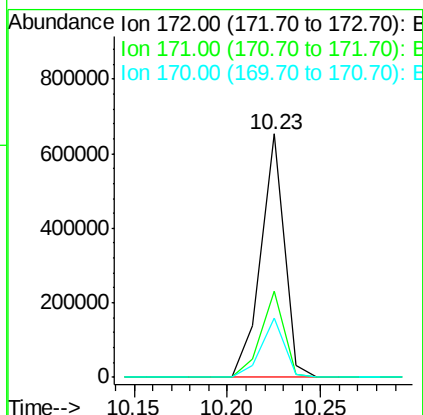
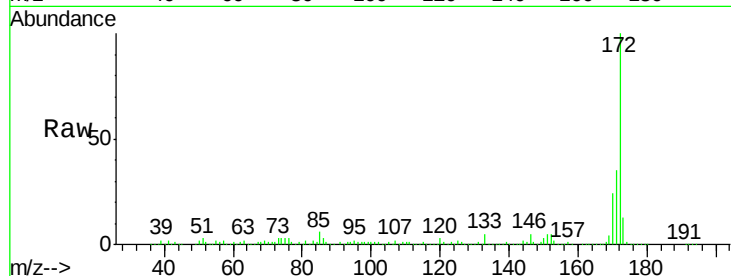




#44
2-Fluorobiphenyl
Concen: 58.81 ng
RT: 10.23 min Scan# 817
Delta R.T. 0.00 min
Lab File: BF077426.D
Acq: 24 Feb 2015 20:15

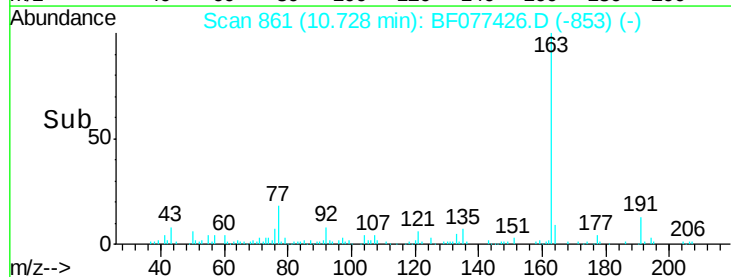
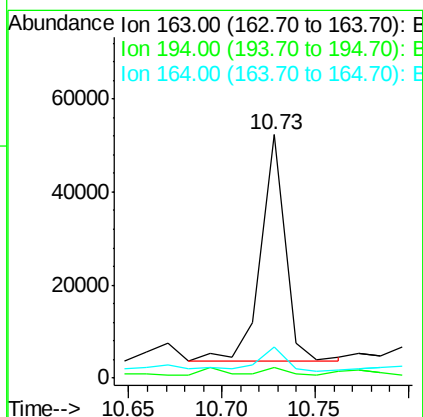
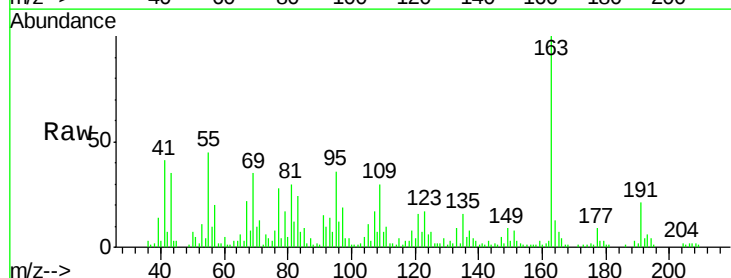
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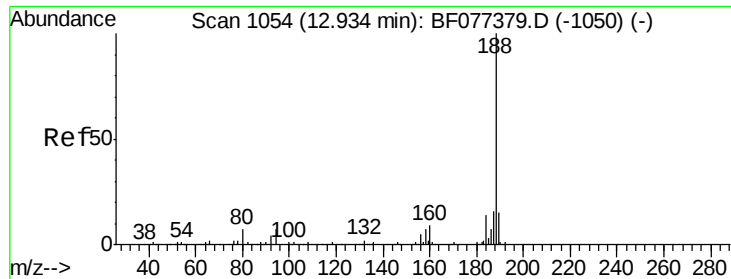
Tgt Ion:172 Resp: 564891
Ion Ratio Lower Upper
172 100
171 35.4 28.9 43.3
170 24.2 19.4 29.2



#49
Dimethylphthalate
Concen: 4.17 ng
RT: 10.73 min Scan# 861
Delta R.T. -0.01 min
Lab File: BF077426.D
Acq: 24 Feb 2015 20:15

Tgt Ion:163 Resp: 43899
Ion Ratio Lower Upper
163 100
194 4.4 2.6 4.0#
164 12.7 8.6 13.0





#63

Phenanthrene-d10

Concen: 20.00 ng m

RT: 12.91 min Scan# 1052

Delta R.T. 0.01 min

Lab File: BF077426.D

Acq: 24 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

UB10PX4

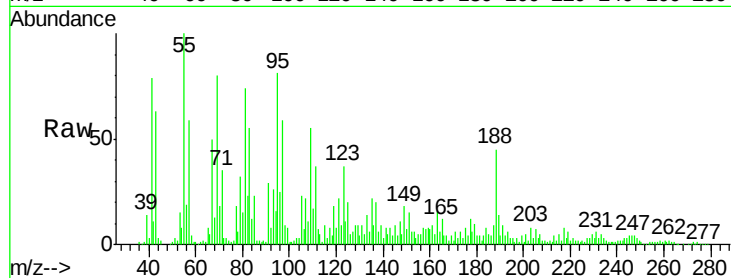
Tgt Ion:188 Resp: 251854

Ion Ratio Lower Upper

188 100

94 35.7 7.4 11.2#

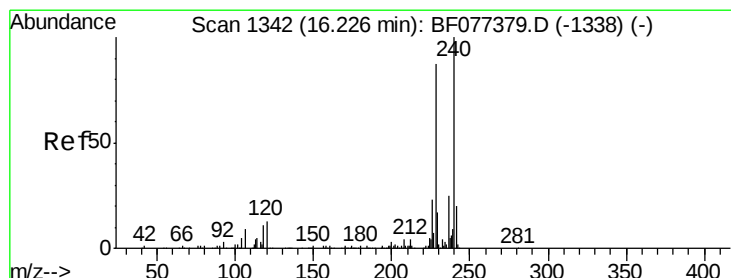
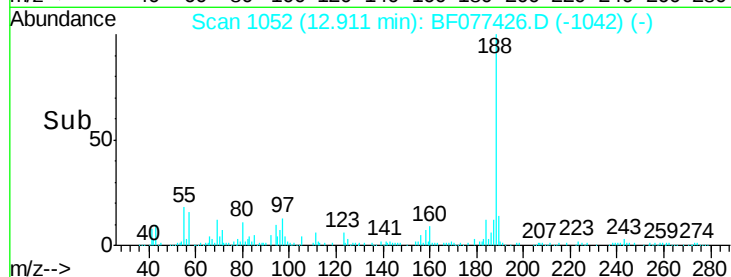
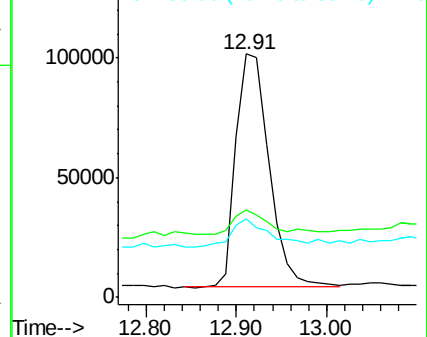
80 32.1 8.0 12.0#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.29 min Scan# 1348

Delta R.T. 0.07 min

Lab File: BF077426.D

Acq: 24 Feb 2015 20:15

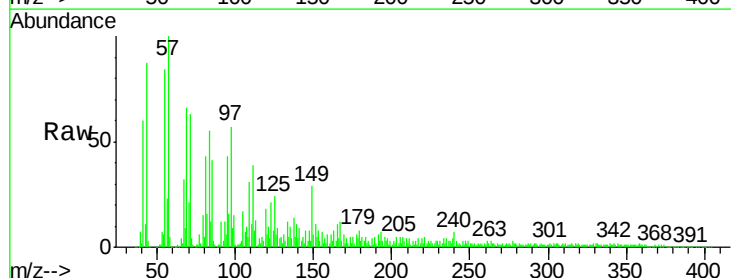
Tgt Ion:240 Resp: 100340

Ion Ratio Lower Upper

240 100

120 94.2 8.8 13.2#

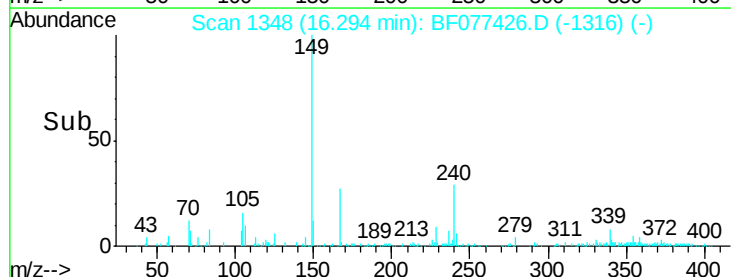
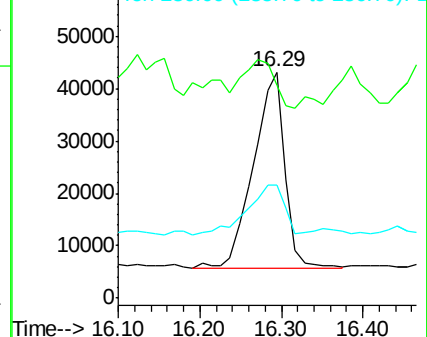
236 49.8 20.7 31.1#

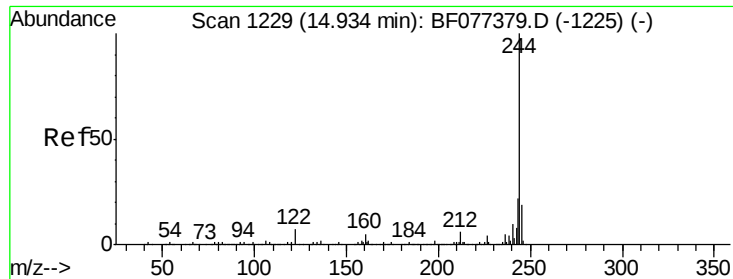


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 76.72 ng

RT: 14.95 min Scan# 1230

Delta R.T. 0.05 min

Lab File: BF077426.D

Acq: 24 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

UB10PX4

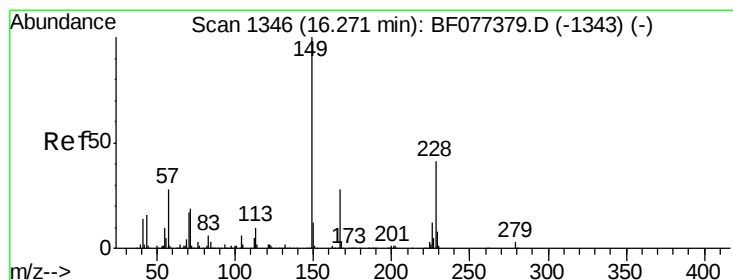
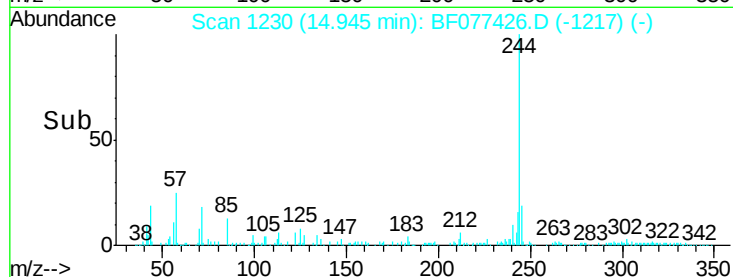
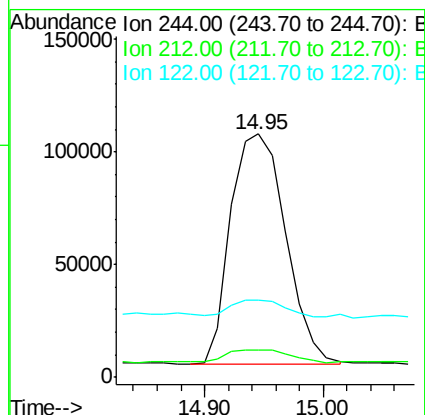
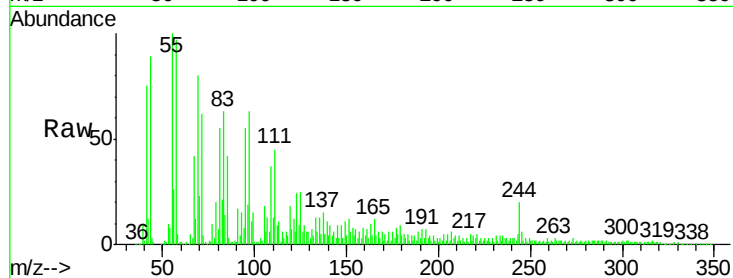
Tgt Ion:244 Resp: 329274

Ion Ratio Lower Upper

244 100

212 11.0 5.2 7.8#

122 31.5 7.8 11.8#



#83

Bis(2-ethylhexyl)phthalate

Concen: 167.64 ng

RT: 16.32 min Scan# 1350

Delta R.T. 0.05 min

Lab File: BF077426.D

Acq: 24 Feb 2015 20:15

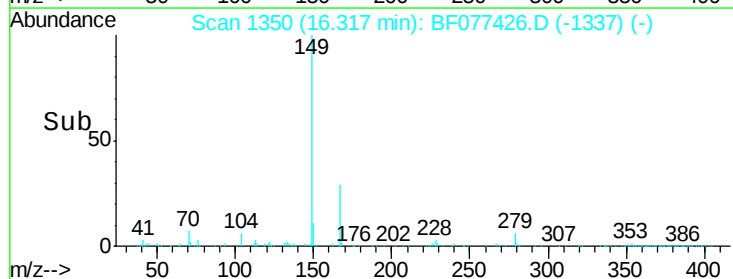
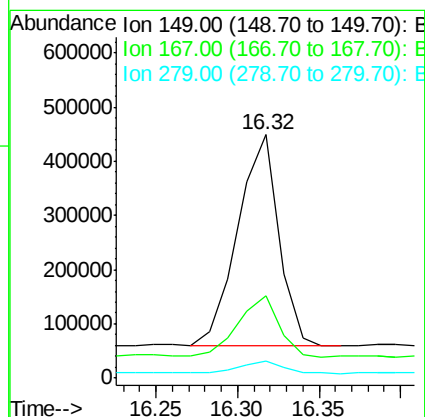
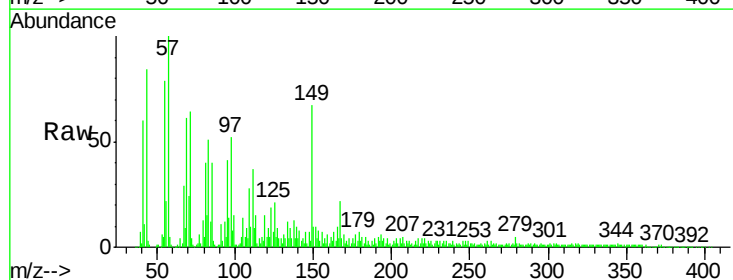
Tgt Ion:149 Resp: 678827

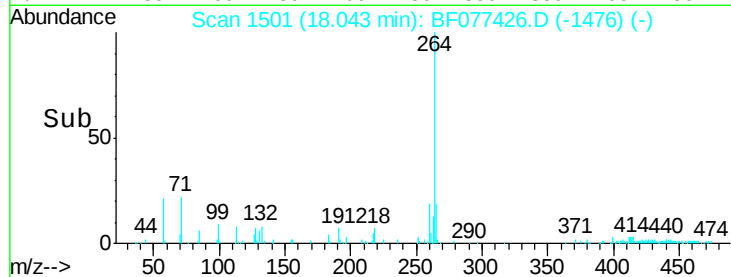
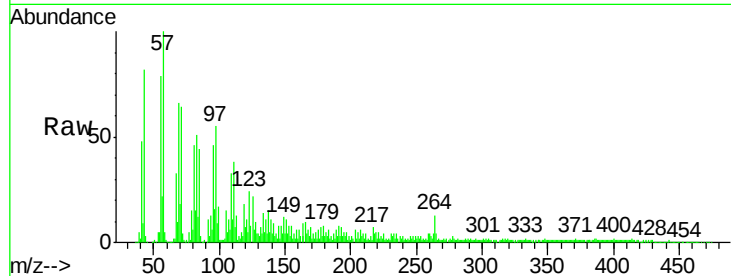
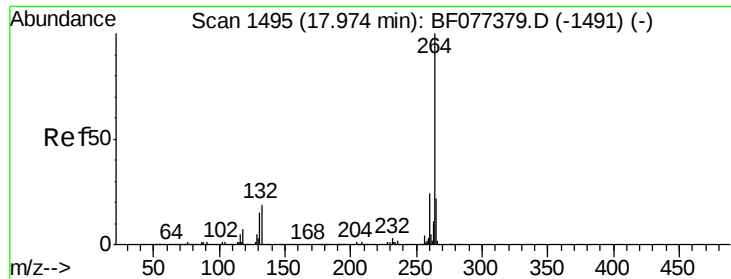
Ion Ratio Lower Upper

149 100

167 33.7 22.8 34.2

279 6.9 3.8 5.6#





#86

Perylene-d12

Concen: 20.00 ng

RT: 18.04 min Scan# 1501

Delta R.T. -0.01 min

Lab File: BF077426.D

Acq: 24 Feb 2015 20:15

Instrument :

BNA_F

ClientSampleId :

UB10PX4

Tgt Ion: 264 Resp: 102863

Ion Ratio Lower Upper

264 100

260 30.9 19.3 28.9#

265 32.9 16.8 25.2#

