

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
 Data File : BF079304.D
 Acq On : 16 May 2015 10:06
 Operator : TP/IZ
 Sample : G2251-05
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-F1

Manual Integrations
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Quant Time: May 18 01:42:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 18 00:56:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.18	152	68178	20.00	ng	0.00
21) Naphthalene-d8	8.75	136	279660	20.00	ng	0.00
38) Acenaphthene-d10	10.92	164	133027	20.00	ng	0.00
63) Phenanthrene-d10	12.77	188	239648	20.00	ng	0.00
75) Chrysene-d12	16.06	240	244444	20.00	ng	0.00
86) Perylene-d12	17.79	264	247307	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	411135m	103.80	ng	0.01
7) Phenol-d6	6.75	99	554969	106.00	ng	0.01
23) Nitrobenzene-d5	7.87	82	316241	64.99	ng	0.00
41) 2,4,6-Tribromophenol	11.91	330	145534	101.13	ng	0.00
44) 2-Fluorobiphenyl	10.10	172	593643	62.17	ng	0.00
78) Terphenyl-d14	14.77	244	638610	62.55	ng	0.00
Target Compounds						
22) Acetophenone	7.69	105	14026	2.22	ng	Qvalue # 87
31) Naphthalene	8.79	128	898566	67.43	ng	98
37) 2-Methylnaphthalene	9.64	142	165373	17.91	ng	98
45) 1,1'-Biphenyl	10.23	154	66202	6.26	ng	99
48) Acenaphthylene	10.75	152	46979	3.47	ng	97
49) Dimethylphthalate	10.60	163	55118	5.65	ng	100
57) Fluorene	11.61	166	31229	3.26	ng	98
70) Phenanthrene	12.80	178	97555	7.28	ng	99
74) Fluoranthene	14.27	202	70520	5.05	ng	93
77) Pyrene	14.55	202	76544	5.43	ng	98

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

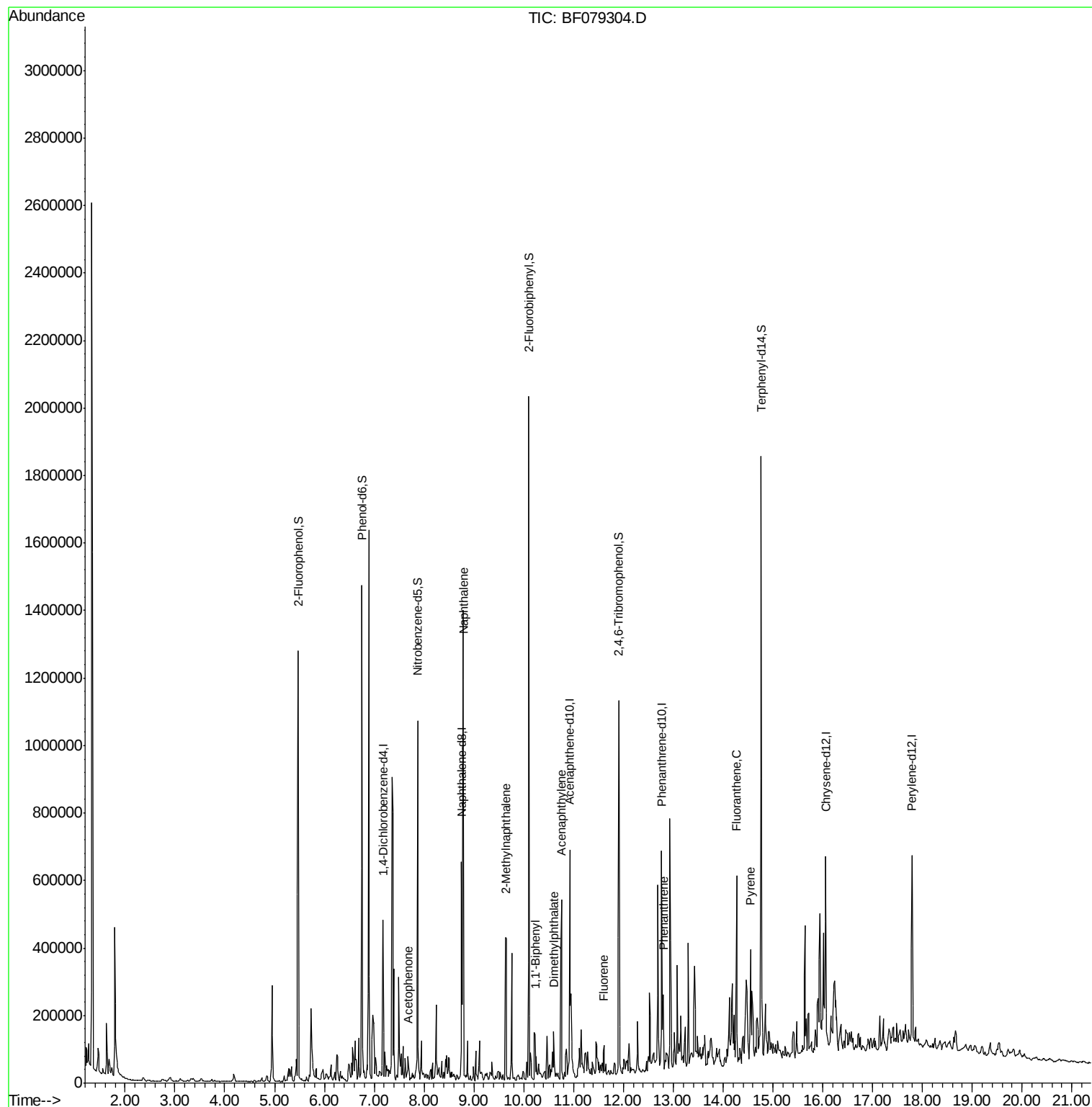
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051515\
Data File : BF079304.D
Acq On : 16 May 2015 10:06
Operator : TP/IZ
Sample : G2251-05
Misc :
ALS Vial : 37 Sample Multiplier: 1

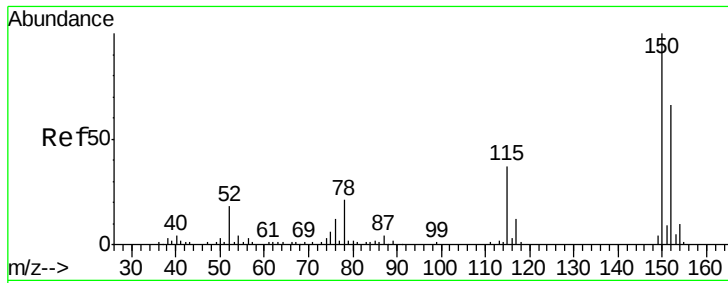
Instrument :
BNA_F
ClientSampleId :
WC-15-F1

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Quant Time: May 18 01:42:41 2015
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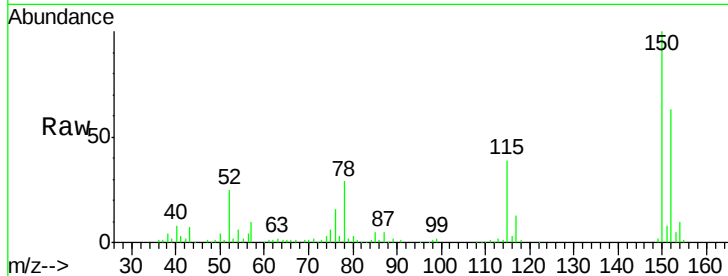
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.18 min Scan# 524
 Delta R.T. 0.00 min
 Lab File: BF079304.D
 Acq: 16 May 2015 10:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-F1

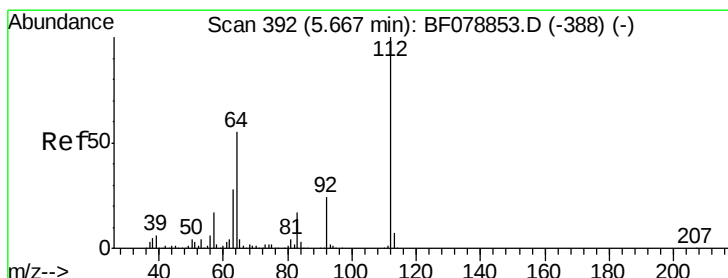
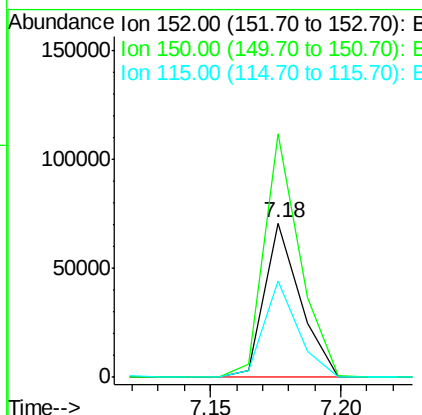
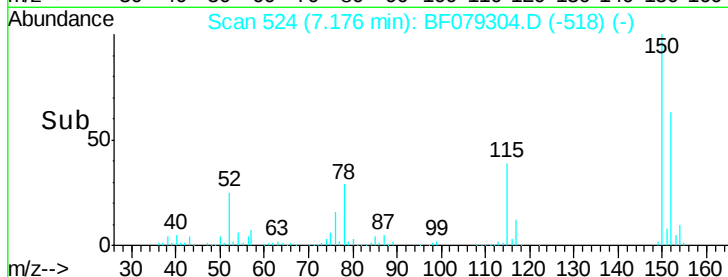
Tot Ion:	152	Resp:	68178
Ion Ratio	Lower	Upper	
152	100		
150	158.1	123.8	185.8
115	62.4	49.4	74.0

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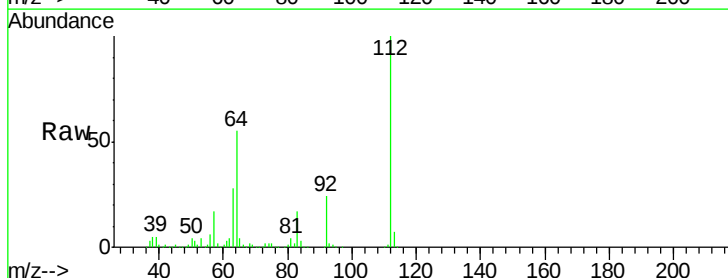


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

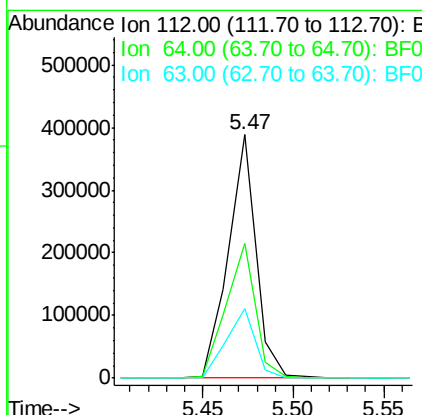
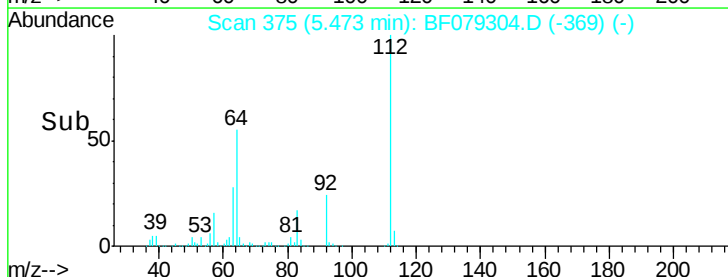


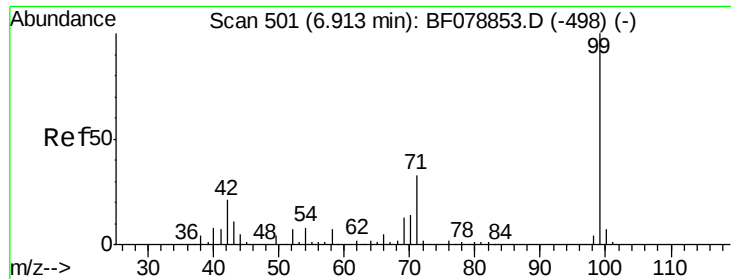
#5
 2-Fluorophenol
 Concen: 103.80 ng m
 RT: 5.47 min Scan# 375
 Delta R.T. 0.01 min
 Lab File: BF079304.D
 Acq: 16 May 2015 10:06

Tgt Ion:	112	Resp:	411135
Ion Ratio	Lower	Upper	
112	100		
64	55.4	44.2	66.2
63	28.3	22.7	34.1



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: 106.00 ng

RT: 6.75 min Scan# 487

Delta R.T. 0.01 min

Lab File: BF079304.D

Acq: 16 May 2015 10:06

Instrument :

BNA_F

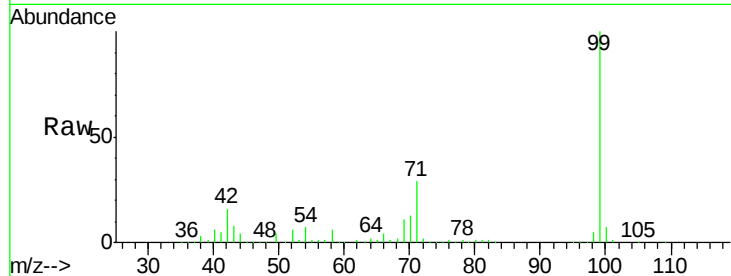
ClientSampleId :

WC-15-F1

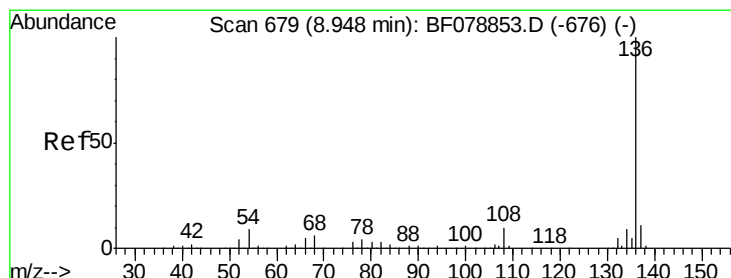
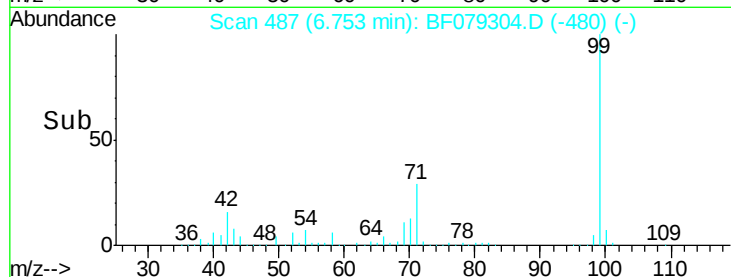
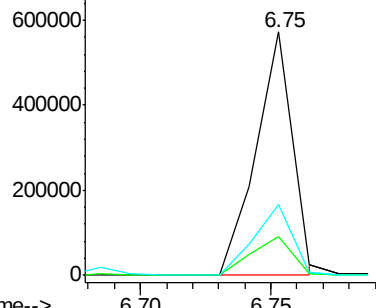
Tot Ion:	99	Resp:	554969
Ion Ratio	Lower	Upper	
99	100		
42	15.9	17.1	25.7#
71	29.3	26.3	39.5

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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: 8.75 min Scan# 662

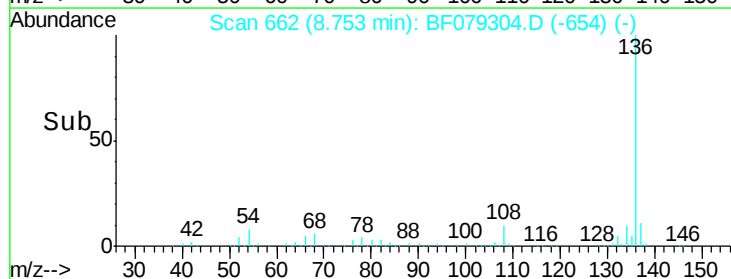
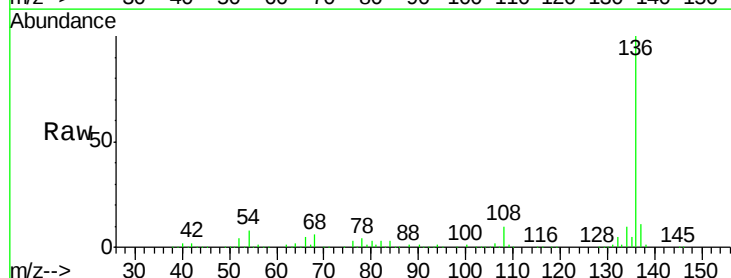
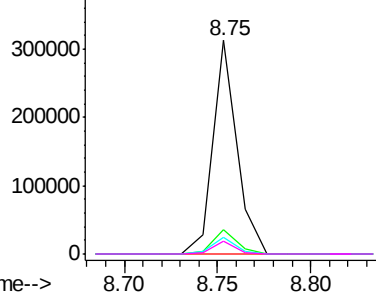
Delta R.T. 0.00 min

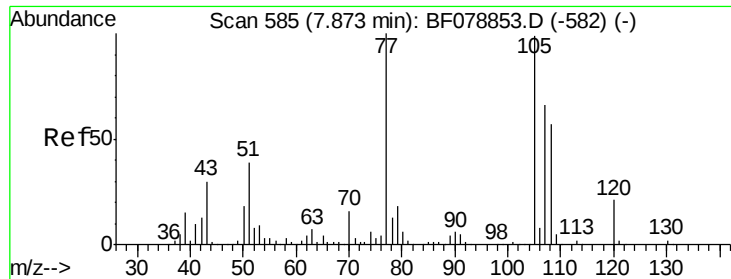
Lab File: BF079304.D

Acq: 16 May 2015 10:06

Tgt Ion:	136	Resp:	279660
Ion Ratio	Lower	Upper	
136	100		
137	11.3	8.8	13.2
54	8.0	6.9	10.3
68	6.1	4.9	7.3

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





#22

Acetophenone

Concen: 2.22 ng

RT: 7.69 min Scan# 569

Delta R.T. 0.00 min

Lab File: BF079304.D

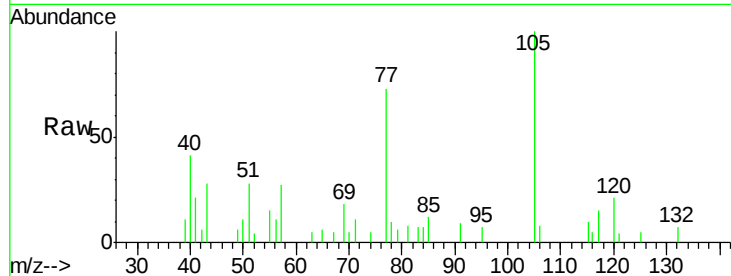
Acq: 16 May 2015 10:06

Instrument :

BNA_F

ClientSampled :

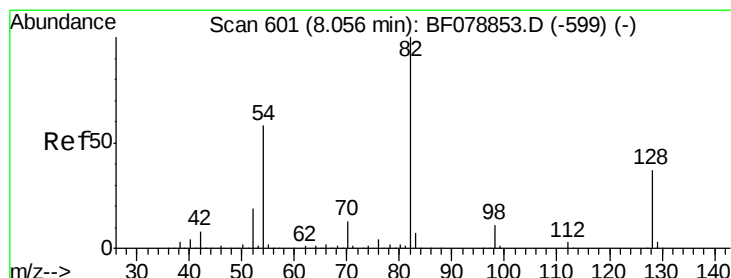
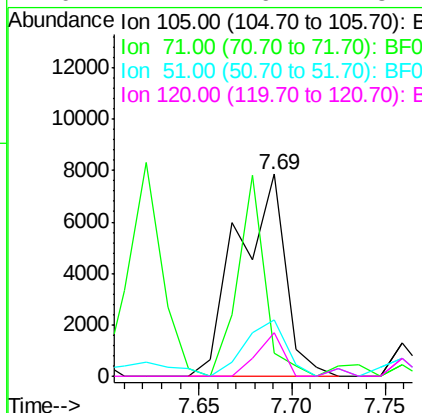
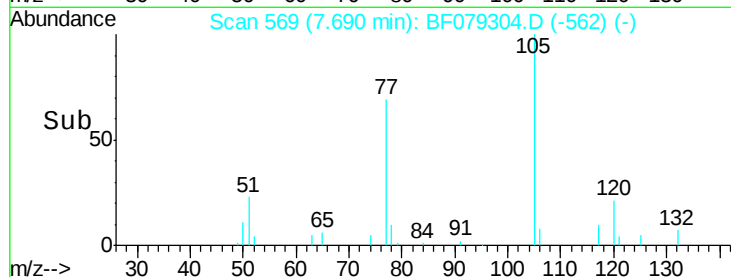
WC-15-F1



Tot Ion:	105	Resp:	14026
Ion Ratio	Lower	Upper	
105	100		
71	11.4	2.2	3.4#
51	27.8	31.1	46.7#
120	21.4	16.7	25.1

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#23

Nitrobenzene-d5

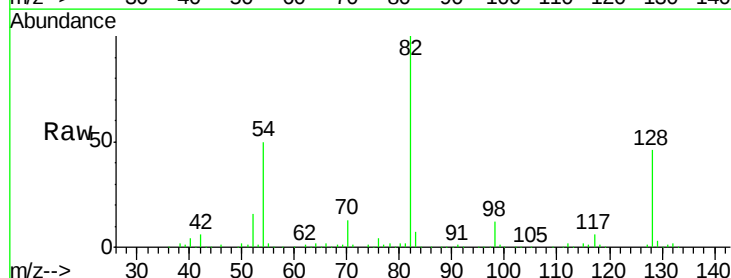
Concen: 64.99 ng

RT: 7.87 min Scan# 585

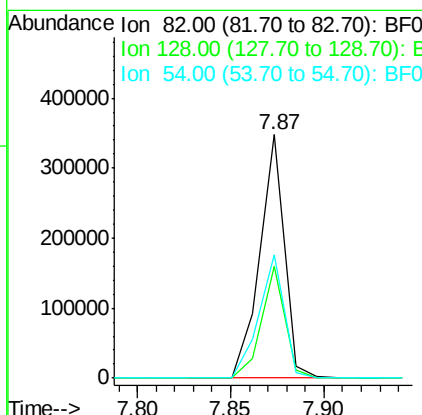
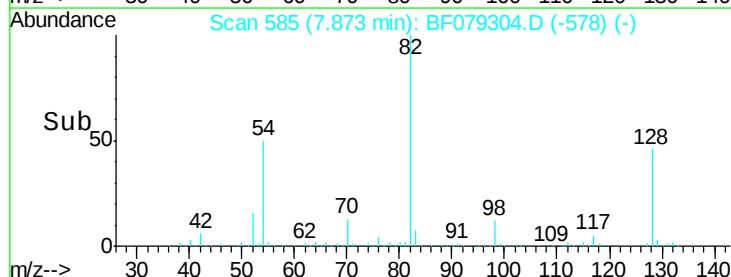
Delta R.T. 0.00 min

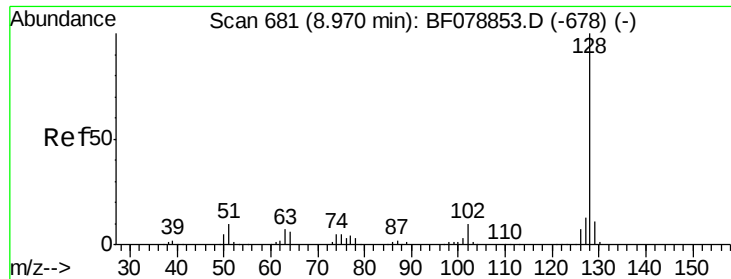
Lab File: BF079304.D

Acq: 16 May 2015 10:06



Tgt Ion:	82	Resp:	316241
Ion Ratio	Lower	Upper	
82	100		
128	46.0	29.7	44.5#
54	50.5	46.2	69.4





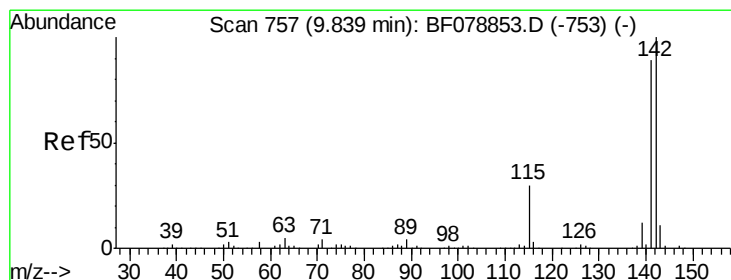
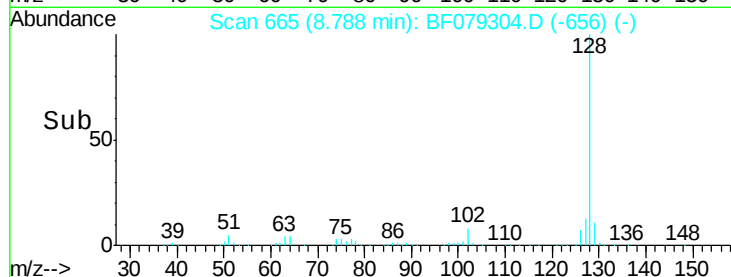
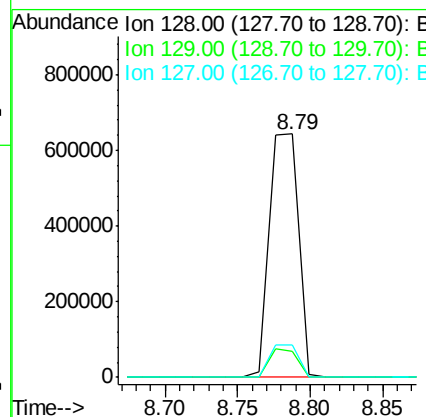
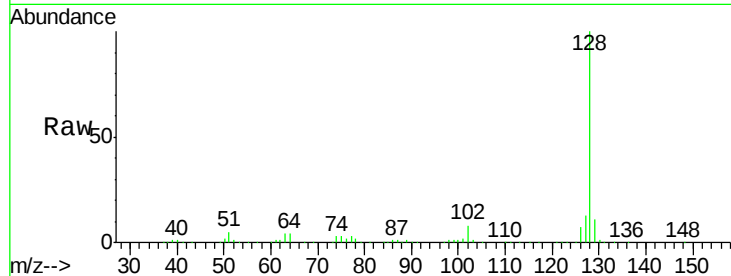
#31
Naphthalene
Concen: 67.43 ng
RT: 8.79 min Scan# 665
Delta R.T. 0.01 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tot Ion	Ratio	Resp	Lower	Upper
128	100	898566		
129	10.7		9.2	13.8
127	13.3		10.3	15.5

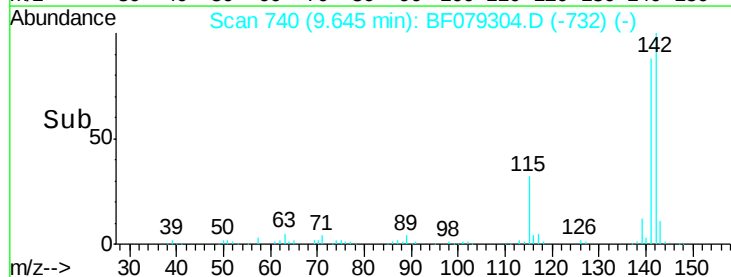
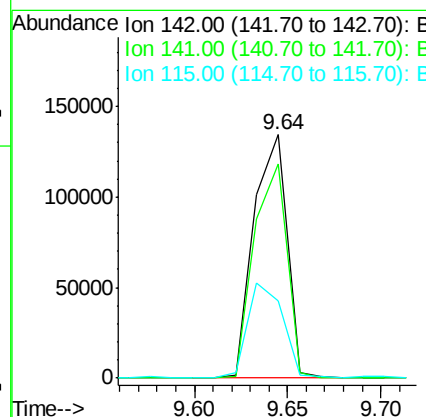
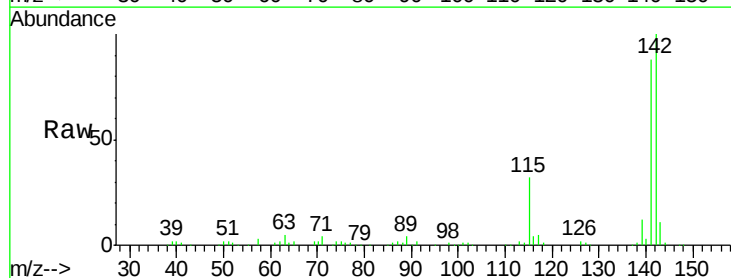
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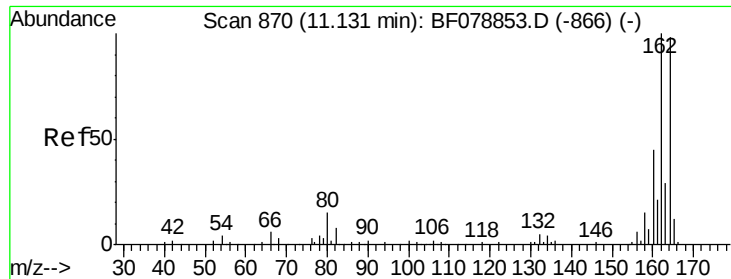
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#37
2-Methylnaphthalene
Concen: 17.91 ng
RT: 9.64 min Scan# 740
Delta R.T. 0.00 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	165373		
141	87.8		71.6	107.4
115	32.0		24.2	36.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.92 min Scan# 852

Delta R.T. 0.00 min

Lab File: BF079304.D

Acq: 16 May 2015 10:06

Instrument :

BNA_F

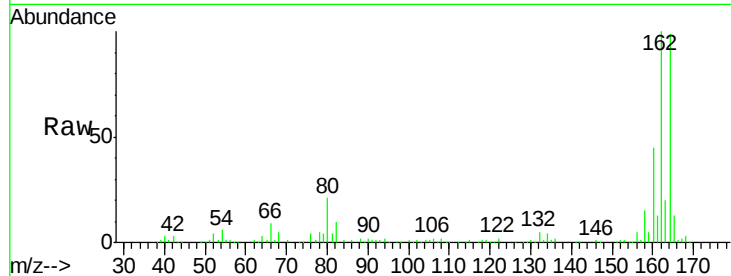
ClientSampleId :

WC-15-F1

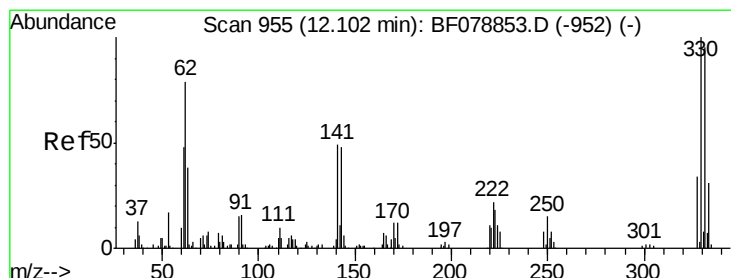
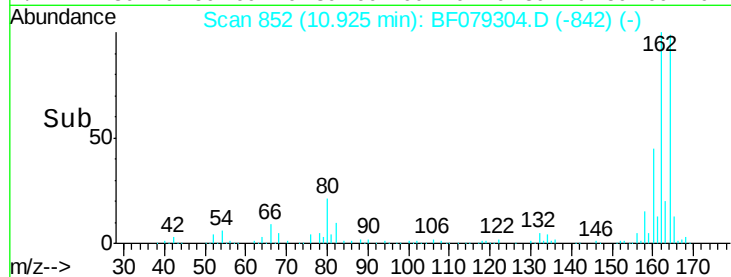
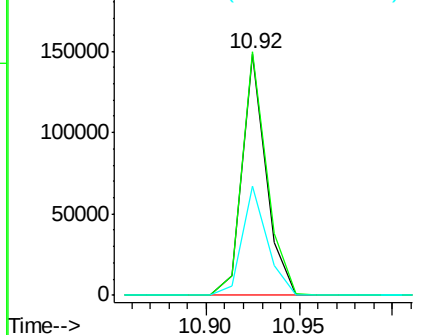
Tot Ion:	164	Resp:	133027
Ion Ratio	Lower	Upper	
164	100		
162	100.9	81.4	122.0
160	45.4	36.6	54.8

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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: 101.13 ng

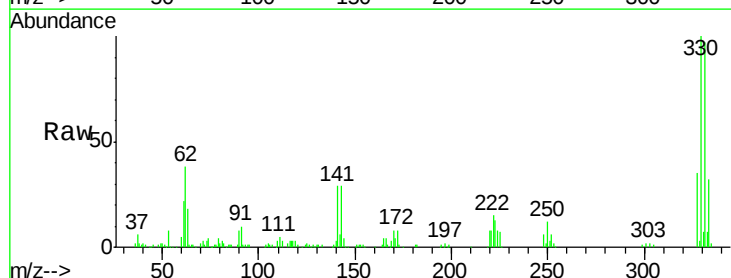
RT: 11.91 min Scan# 938

Delta R.T. 0.00 min

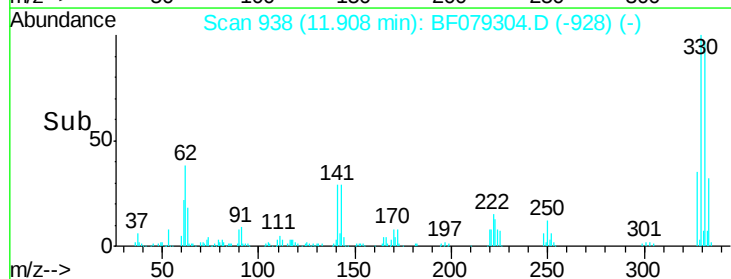
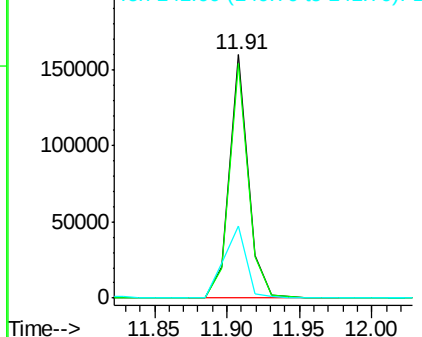
Lab File: BF079304.D

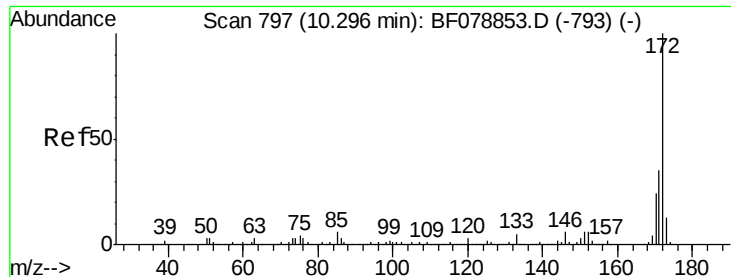
Acq: 16 May 2015 10:06

Tgt Ion:	330	Resp:	145534
Ion Ratio	Lower	Upper	
330	100		
332	96.5	76.9	115.3
141	35.6	27.8	41.8



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





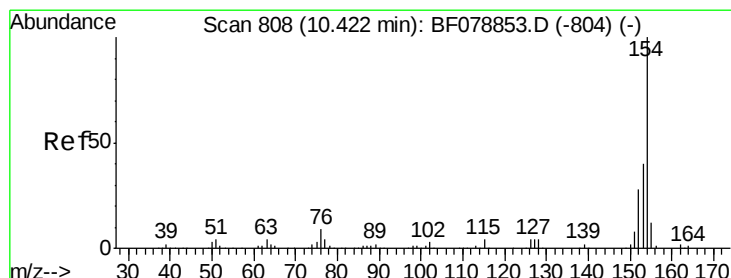
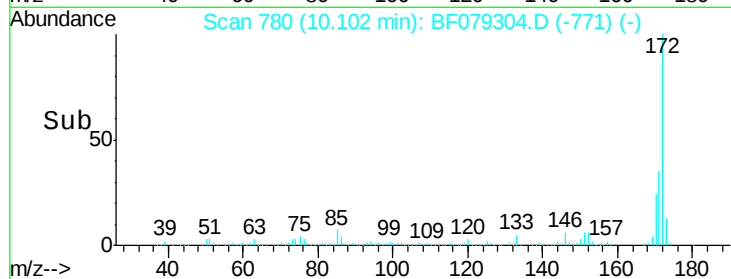
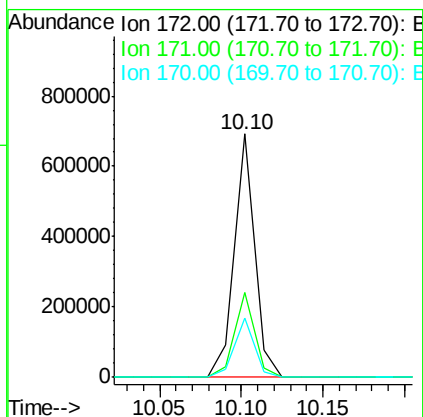
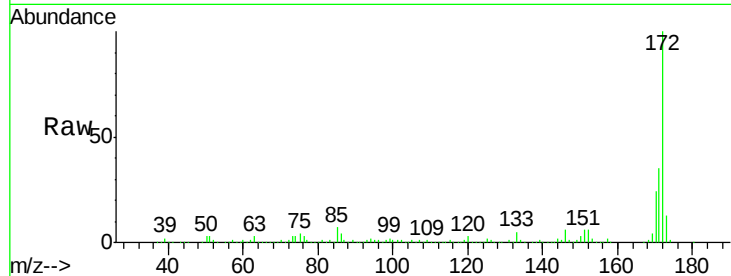
#44
2-Fluorobiphenyl
Concen: 62.17 ng
RT: 10.10 min Scan# 780
Delta R.T. 0.00 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

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Tot Ion	Ratio	Resp	Lower	Upper
172	100	593643		
171	35.1		28.3	42.5
170	24.1		19.4	29.2

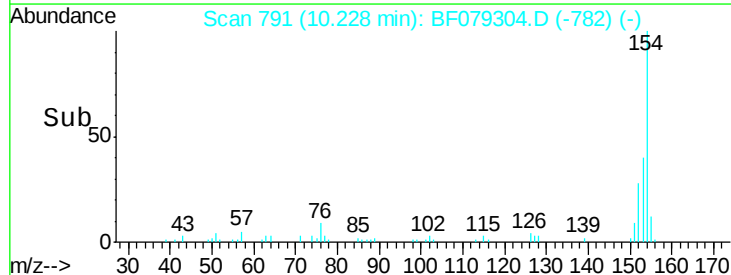
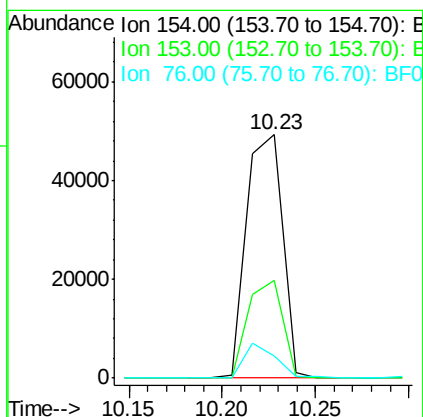
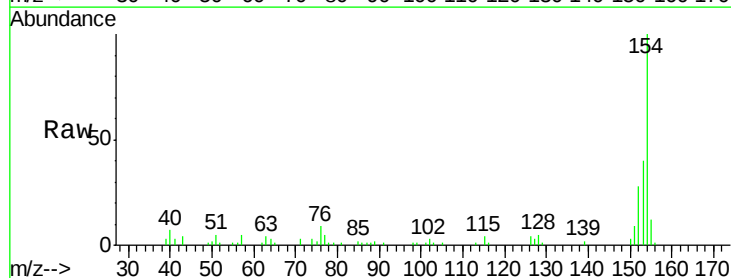
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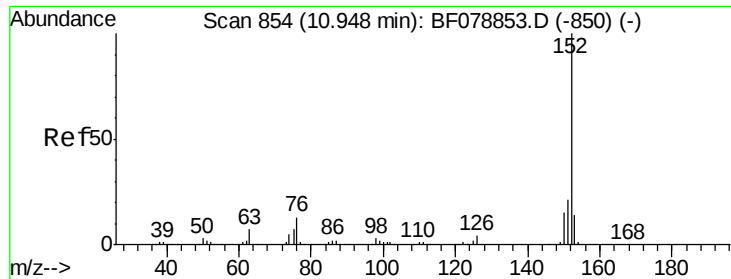
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#45
1,1'-Biphenyl
Concen: 6.26 ng
RT: 10.23 min Scan# 791
Delta R.T. 0.00 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	66202		
153	40.4		19.7	59.7
76	9.1		0.0	29.1





#48

Acenaphthylene

Concen: 3.47 ng

RT: 10.75 min Scan# 837

Delta R.T. 0.00 min

Lab File: BF079304.D

Acq: 16 May 2015 10:06

Instrument :

BNA_F

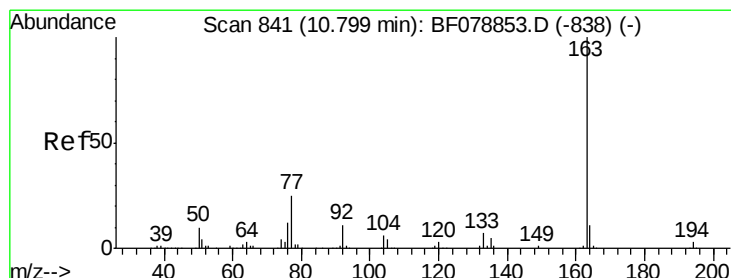
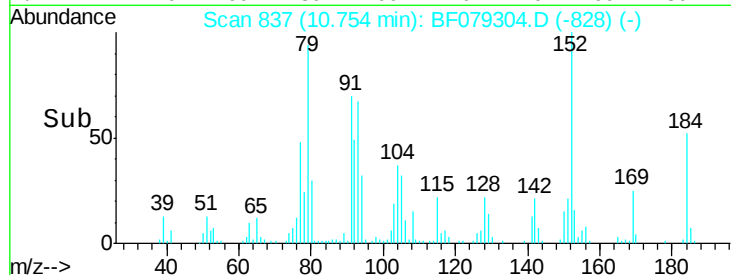
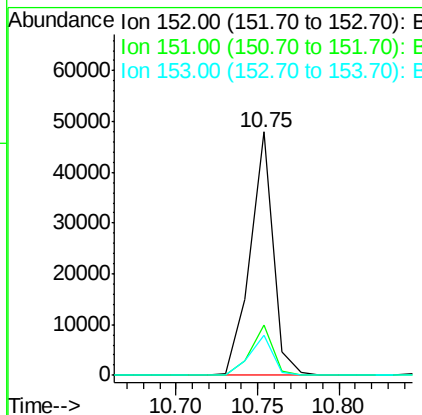
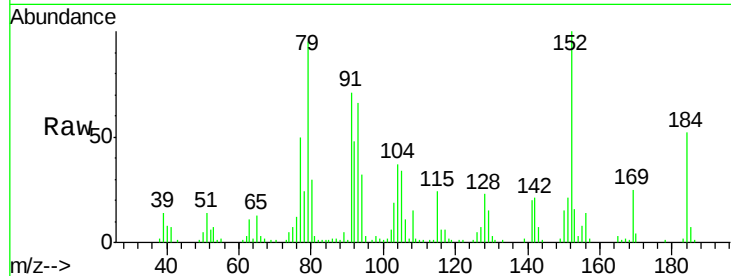
ClientSampleId :

WC-15-F1

Tot Ion:	152	Resp:	46979
Ion Ratio	Lower	Upper	
152	100		
151	20.7	16.6	24.8
153	16.5	11.0	16.6

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#49

Dimethylphthalate

Concen: 5.65 ng

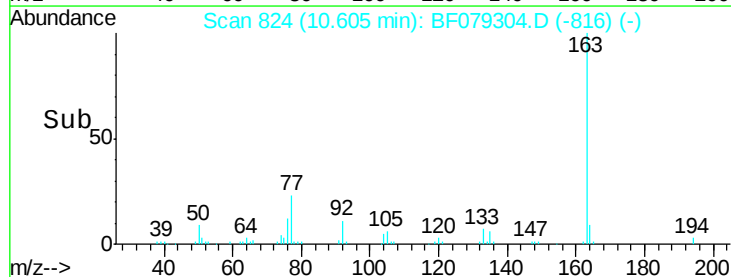
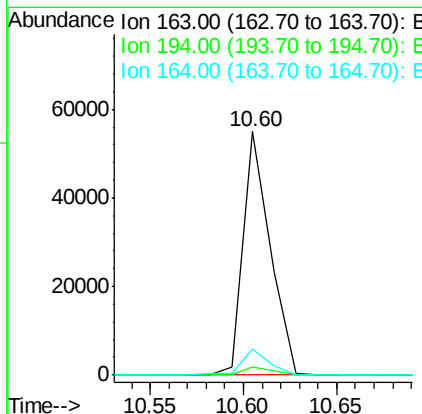
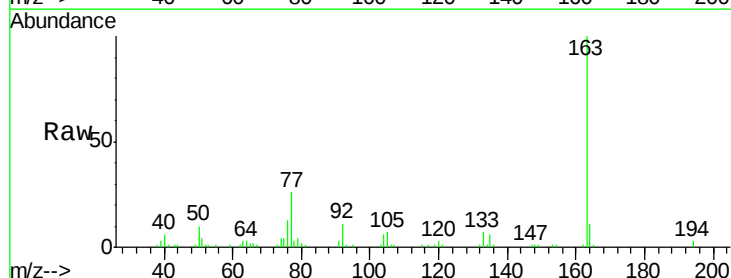
RT: 10.60 min Scan# 824

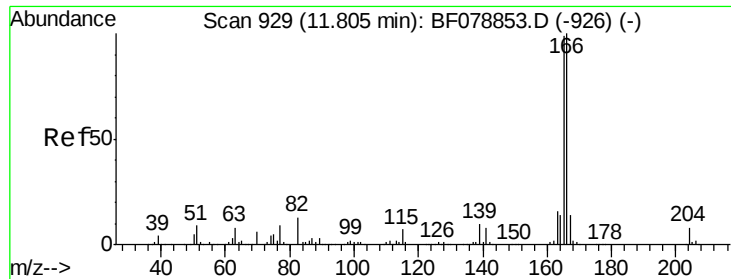
Delta R.T. -0.01 min

Lab File: BF079304.D

Acq: 16 May 2015 10:06

Tgt Ion:	163	Resp:	55118
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.4	3.6
164	10.7	8.6	12.8





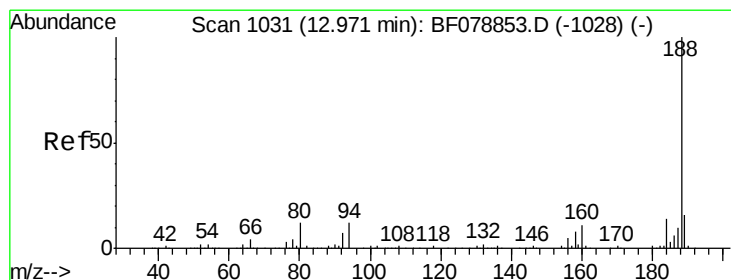
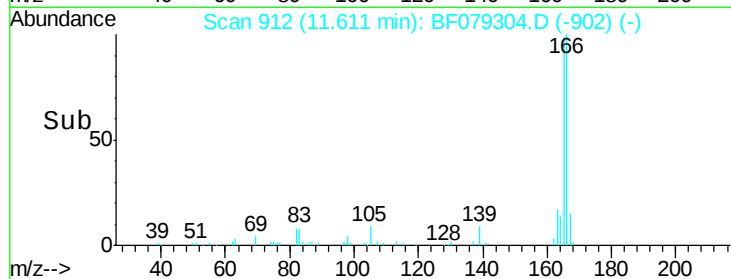
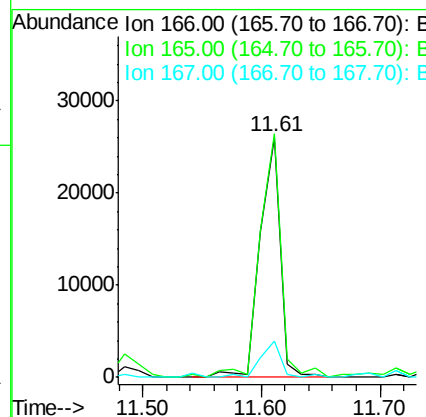
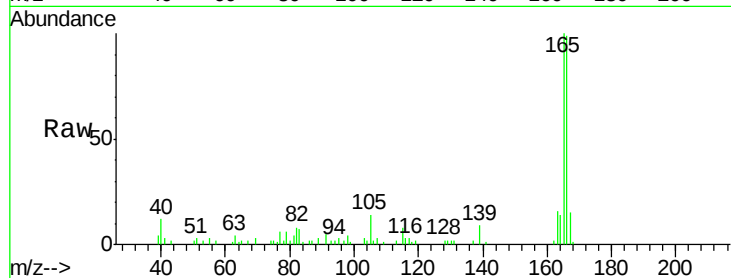
#57
 Fluorene
 Concen: 3.26 ng
 RT: 11.61 min Scan# 912
 Delta R.T. 0.00 min
 Lab File: BF079304.D
 Acq: 16 May 2015 10:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-F1

Tot Ion	Ratio	Lower	Upper
166	100		
165	101.3	79.5	119.3
167	14.8	11.0	16.6

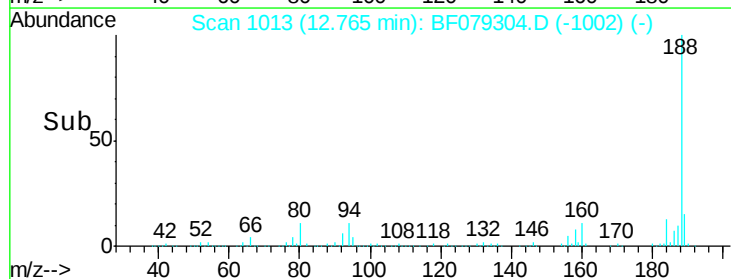
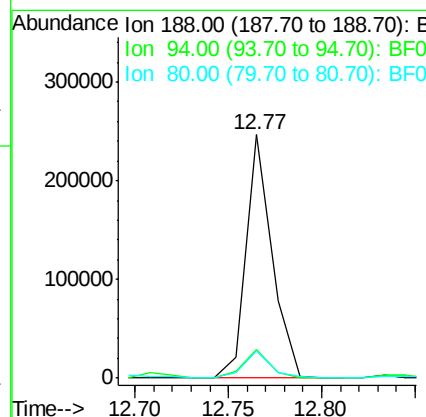
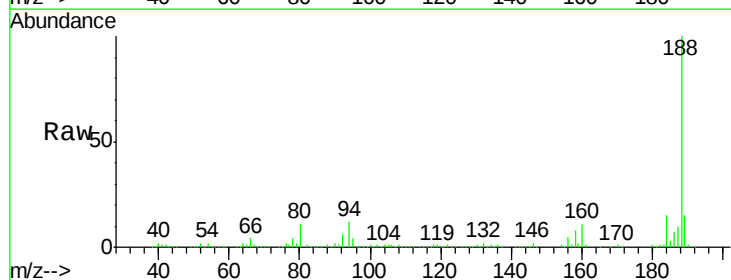
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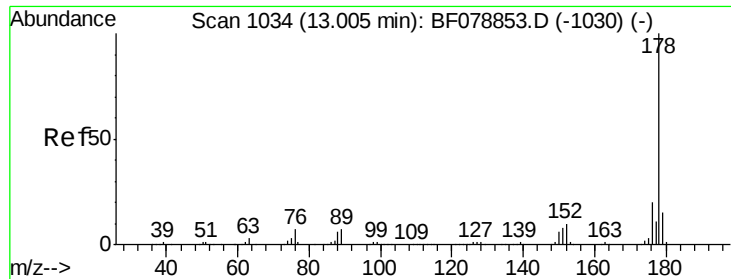
apatel
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#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.77 min Scan# 1013
 Delta R.T. 0.00 min
 Lab File: BF079304.D
 Acq: 16 May 2015 10:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.8	9.4	14.0
80	11.5	9.8	14.6





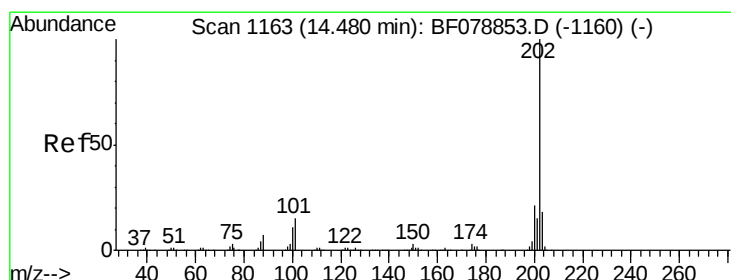
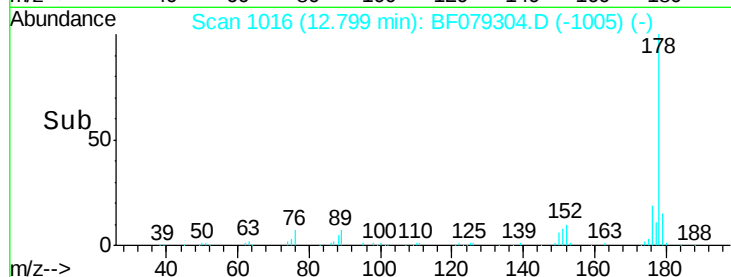
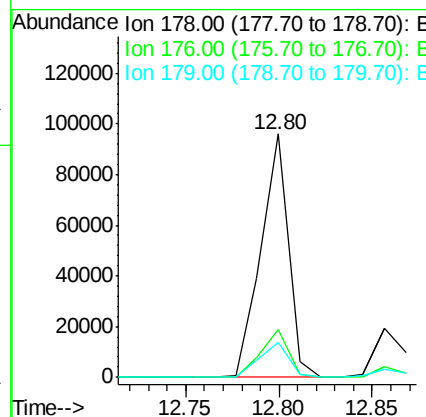
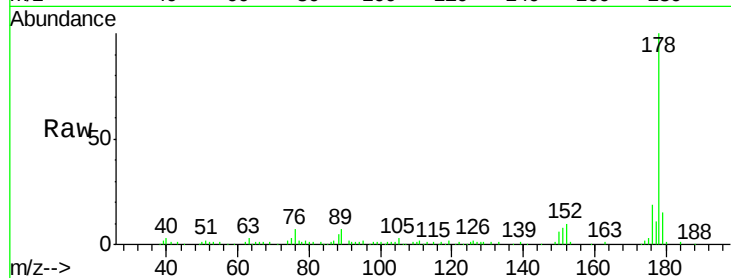
#70
Phenanthrene
Concen: 7.28 ng
RT: 12.80 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Instrument :
BNA_F
ClientSampleId :
WC-15-F1

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	14.6	12.2	18.4

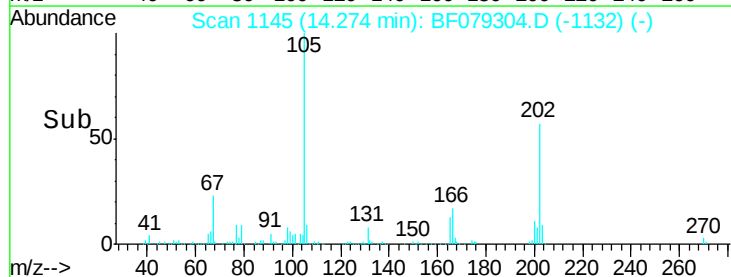
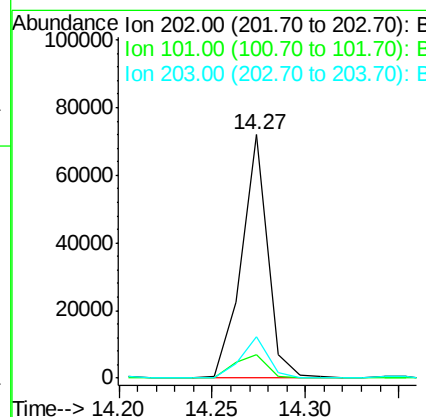
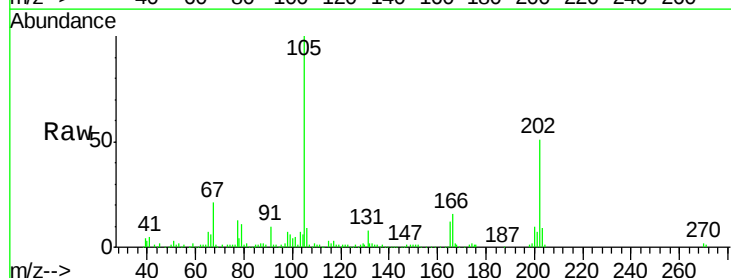
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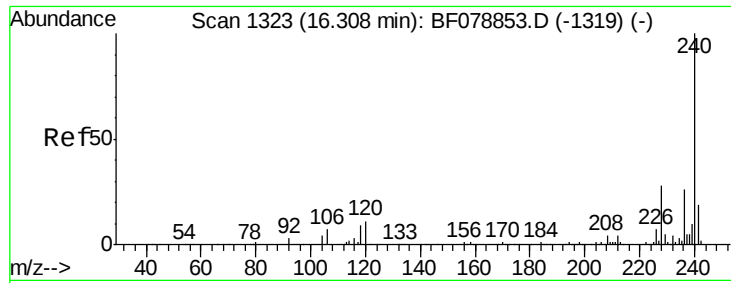
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#74
Fluoranthene
Concen: 5.05 ng
RT: 14.27 min Scan# 1145
Delta R.T. 0.00 min
Lab File: BF079304.D
Acq: 16 May 2015 10:06

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	34.7
203	16.8	0.0	37.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.06 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF079304.D

Acq: 16 May 2015 10:06

Instrument :

BNA_F

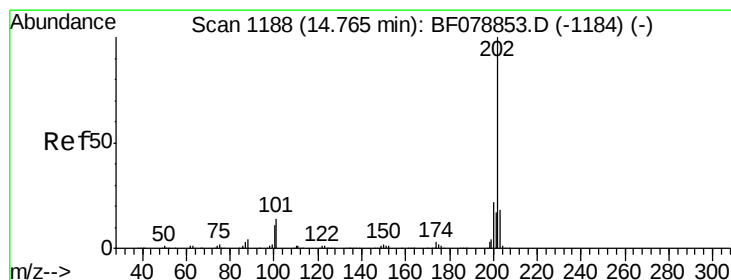
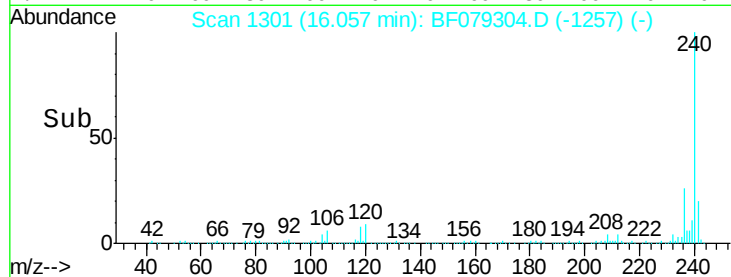
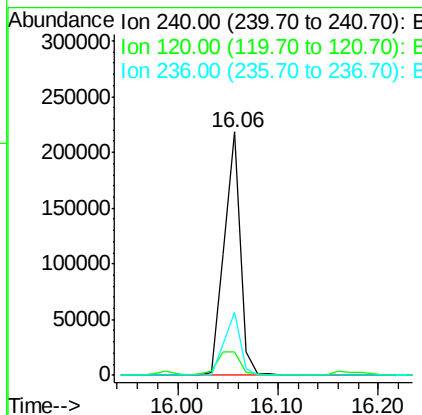
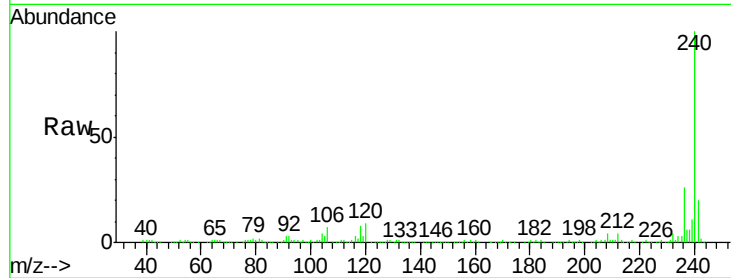
ClientSampled :

WC-15-F1

Tot Ion:	240	Resp:	244444
Ion Ratio	Lower	Upper	
240	100		
120	9.4	8.6	12.8
236	25.8	21.0	31.6

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#77

Pyrene

Concen: 5.43 ng

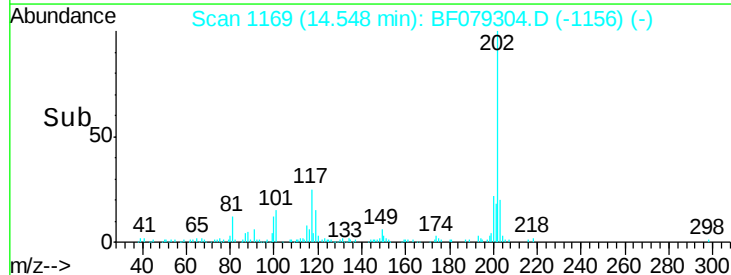
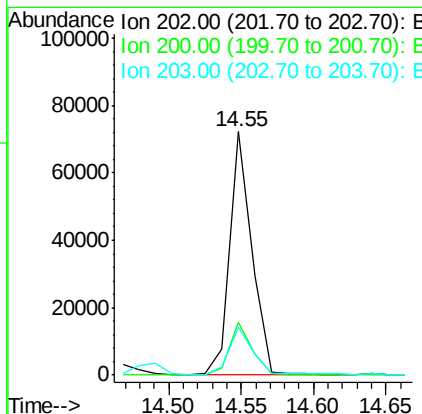
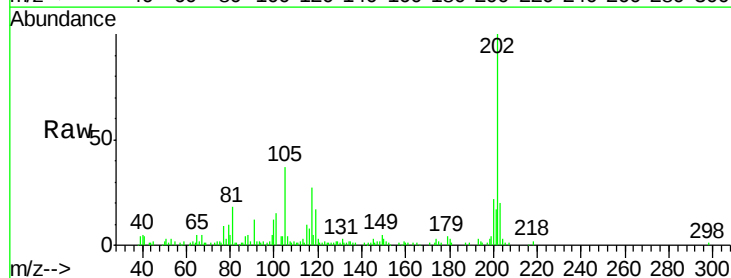
RT: 14.55 min Scan# 1169

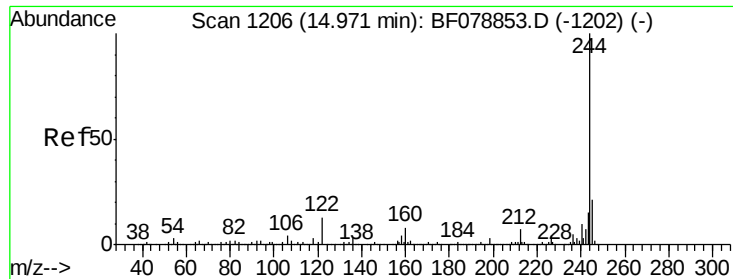
Delta R.T. 0.00 min

Lab File: BF079304.D

Acq: 16 May 2015 10:06

Tgt Ion:	202	Resp:	76544
Ion Ratio	Lower	Upper	
202	100		
200	21.6	17.5	26.3
203	19.8	14.7	22.1





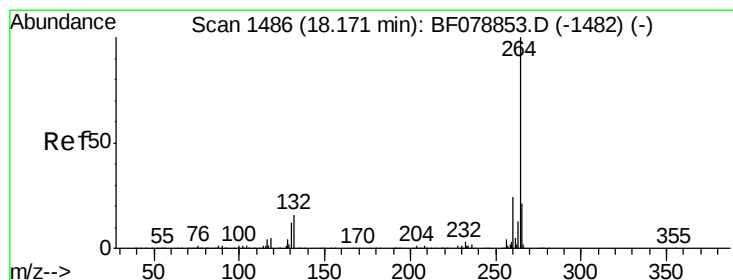
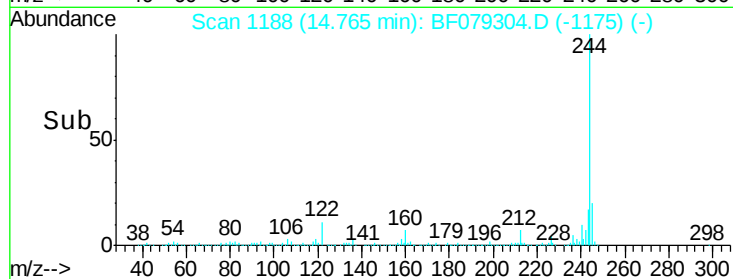
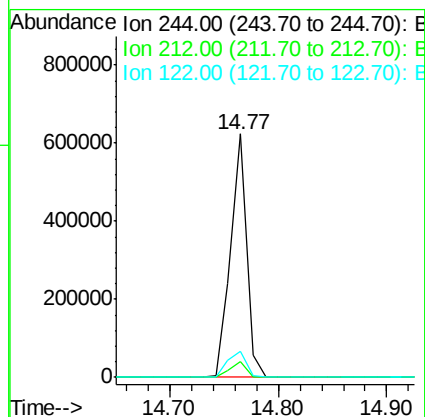
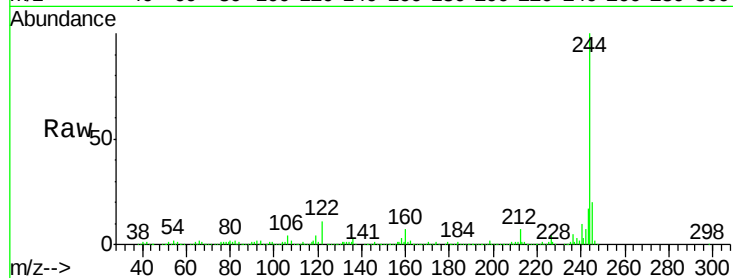
#78
 Terphenyl-d14
 Concen: 62.55 ng
 RT: 14.77 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF079304.D
 Acq: 16 May 2015 10:06

Instrument :
 BNA_F
 ClientSampleId :
 WC-15-F1

Tot Ion:	244	Resp:	638610
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.6	8.4
122	10.5	10.5	15.7

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.79 min Scan# 1453
 Delta R.T. 0.03 min
 Lab File: BF079304.D
 Acq: 16 May 2015 10:06

Tgt Ion:	264	Resp:	247307
Ion Ratio	Lower	Upper	
264	100		
260	24.5	19.2	28.8
265	21.2	17.2	25.8

