

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
 Data File : BF079503.D
 Acq On : 27 May 2015 5:15
 Operator : TP/IZ
 Sample : G2255-20DL 10X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LF001MW001-150518DL

Manual Integrations
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 5/27/2015 2:02:33 PM

Quant Time: May 27 07:03:13 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 27 01:32:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	77779	20.00	ng	0.00
21) Naphthalene-d8	8.59	136	354597	20.00	ng	0.00
38) Acenaphthene-d10	10.76	164	185173	20.00	ng	0.00
63) Phenanthrene-d10	12.61	188	362653	20.00	ng	0.01
75) Chrysene-d12	15.87	240	381565	20.00	ng	0.00
86) Perylene-d12	17.53	264	396954	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.63	99	2808	0.49	ng	0.01
23) Nitrobenzene-d5	7.72	82	5705	0.93	ng	0.01
41) 2,4,6-Tribromophenol	11.75	330	2408	1.18	ng	0.00
44) 2-Fluorobiphenyl	9.94	172	10665	0.82	ng	0.00
78) Terphenyl-d14	14.59	244	14135	0.87	ng	0.00
Target Compounds						
10) Phenol	6.64	94	18074m	2.69	ng	
12) 1,3-Dichlorobenzene	6.95	146	16906	2.92	ng	97
13) 1,4-Dichlorobenzene	7.04	146	46658	7.91	ng	98
14) 1,2-Dichlorobenzene	7.22	146	280623	51.22	ng	97
17) 2-Methylphenol	7.38	107	18670	4.55	ng	97
20) 3+4-Methylphenols	7.58	107	75982	13.48	ng	89
27) 2,4-Dimethylphenol	8.24	122	16440m	3.19	ng	
31) Naphthalene	8.63	128	152692	8.97	ng	99

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

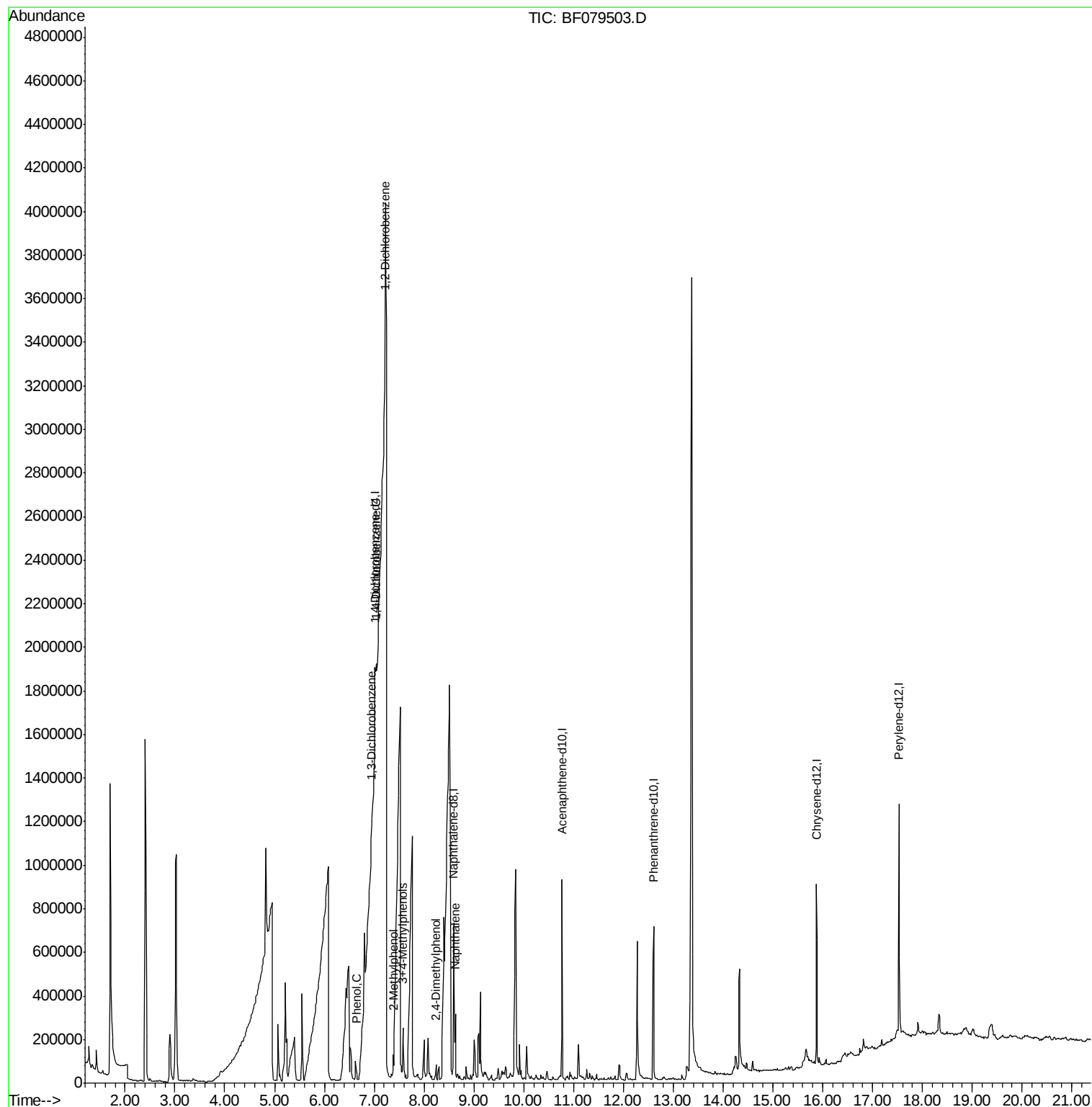
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052615\
Data File : BF079503.D
Acq On : 27 May 2015 5:15
Operator : TP/IZ
Sample : G2255-20DL 10X
Misc :
ALS Vial : 26 Sample Multiplier: 1

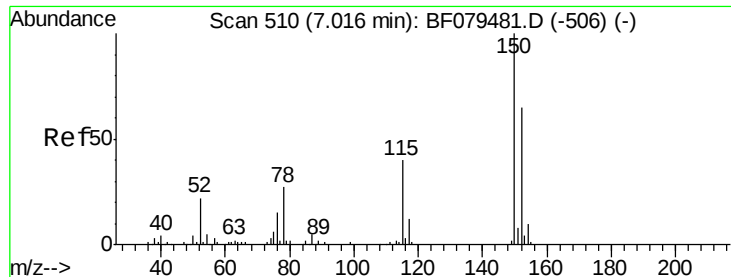
Instrument :
BNA_F
ClientSampleId :
LF001MW001-150518DL

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Quant Time: May 27 07:03:13 2015
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QLast Update : Wed May 27 01:32:46 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.02 min Scan# 510

Delta R.T. 0.00 min

Lab File: BF079503.D

Acq: 27 May 2015 5:15

Instrument :

BNA_F

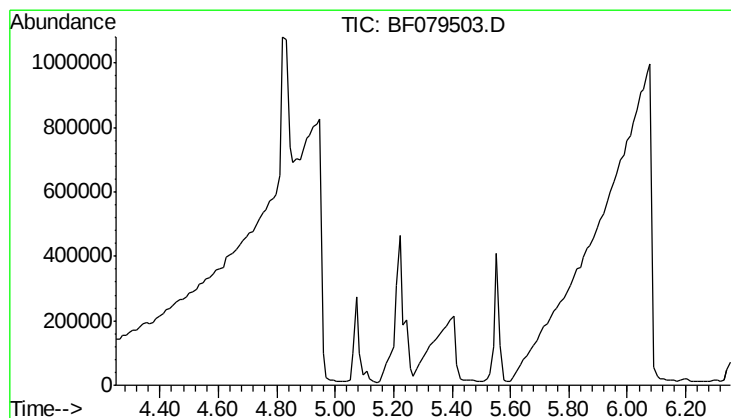
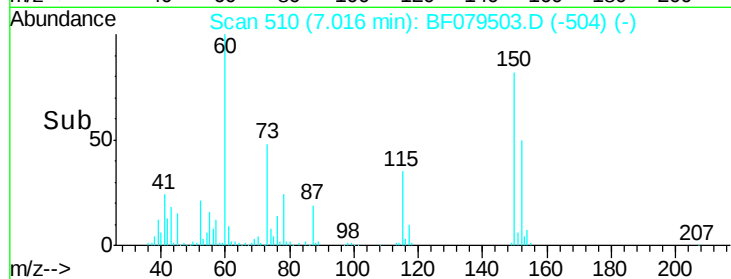
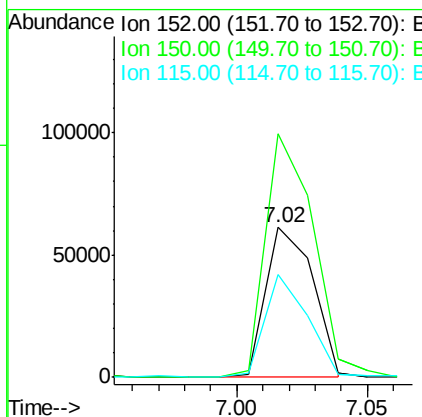
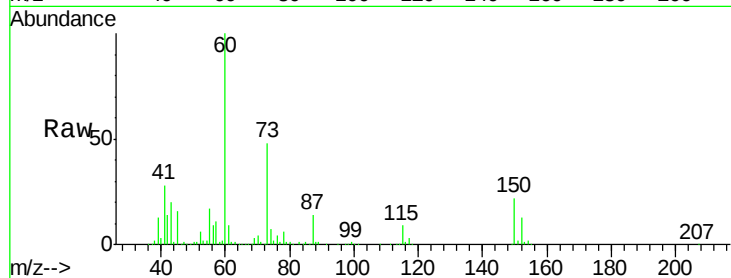
ClientSampleId :

LF001MW001-150518DL

Tot Ion:	152	Resp:	77779
Ion Ratio	Lower	Upper	
152	100		
150	162.5	124.0	186.0
115	68.7	49.6	74.4

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#5

2-Fluorophenol

Concen: 0.00 ng

Expected RT: 5.30 min

Lab File: BF079503.D

Acq: 27 May 2015 5:15

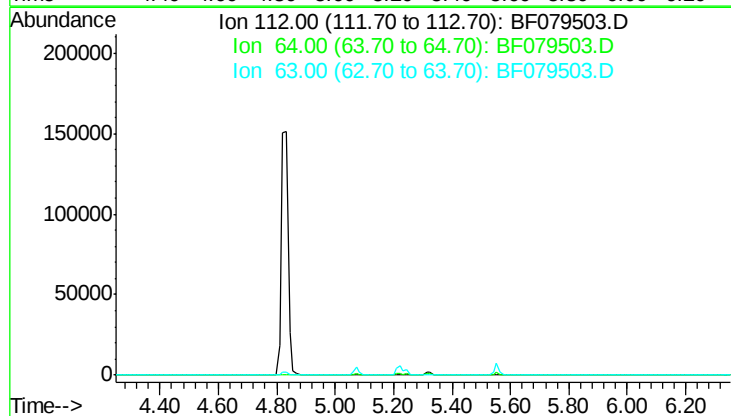
Tgt Ion: 112

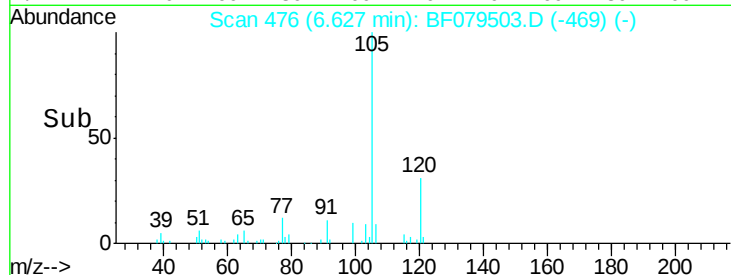
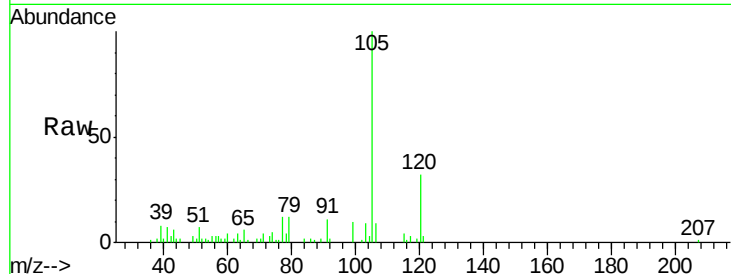
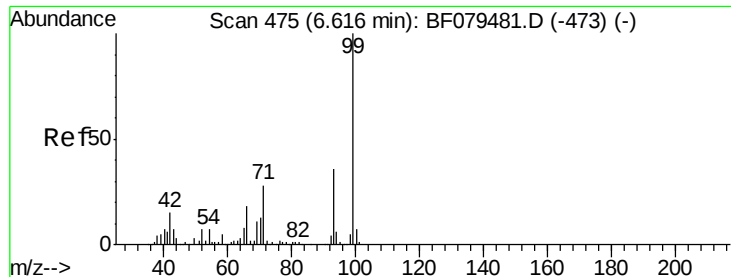
Sig Exp Ratio

112 100

64 54.4

63 27.3





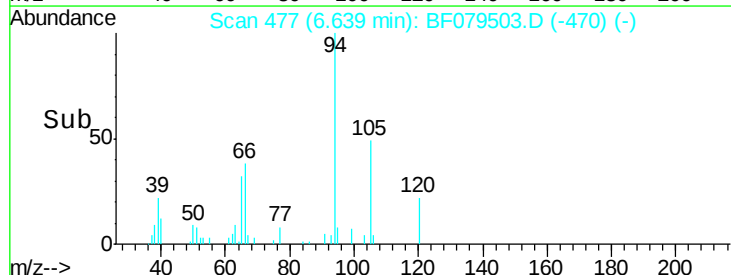
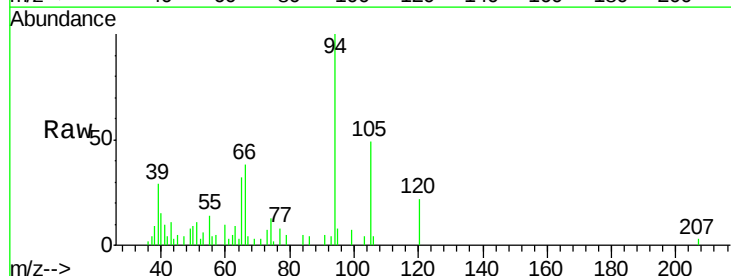
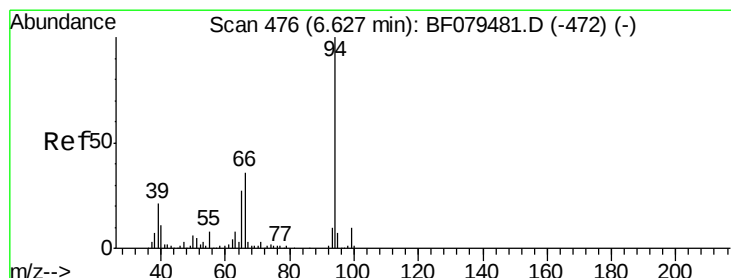
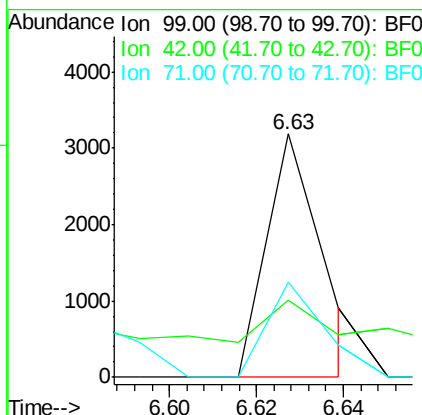
#7
Phenol-d6
Concen: 0.49 ng
RT: 6.63 min Scan# 476
Delta R.T. 0.01 min
Lab File: BF079503.D
Acq: 27 May 2015 5:15

Tot Ion	Ratio	Resp	Lower	Upper
99	100	2808		
42	31.5		11.9	17.9#
71	38.9		22.1	33.1#

Instrument :
BNA_F
ClientSampleId :
LF001MW001-150518DL

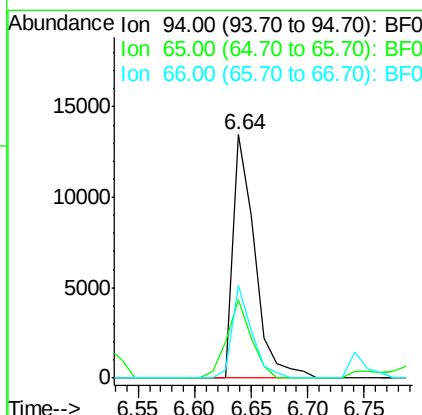
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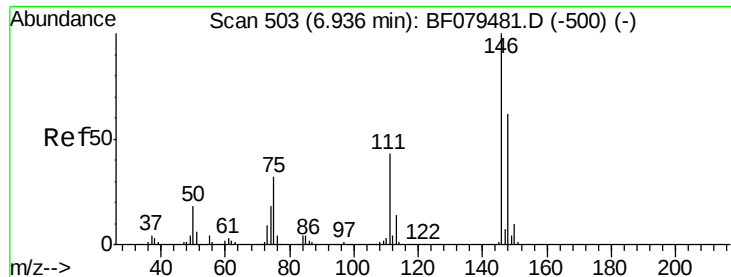
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#10
Phenol
Concen: 2.69 ng m
RT: 6.64 min Scan# 477
Delta R.T. 0.01 min
Lab File: BF079503.D
Acq: 27 May 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	18074		
65	32.1		7.2	47.2
66	38.0		16.2	56.2





#12

1,3-Dichlorobenzene

Concen: 2.92 ng

RT: 6.95 min Scan# 504

Delta R.T. 0.01 min

Lab File: BF079503.D

Acq: 27 May 2015 5:15

Instrument :

BNA_F

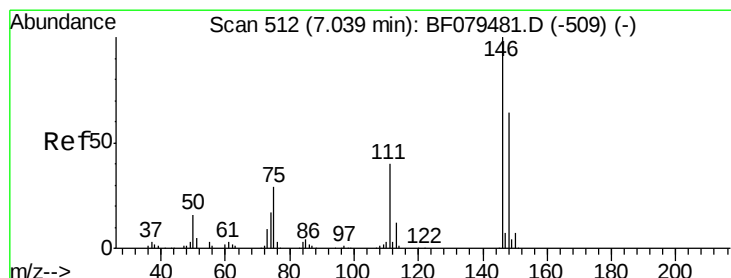
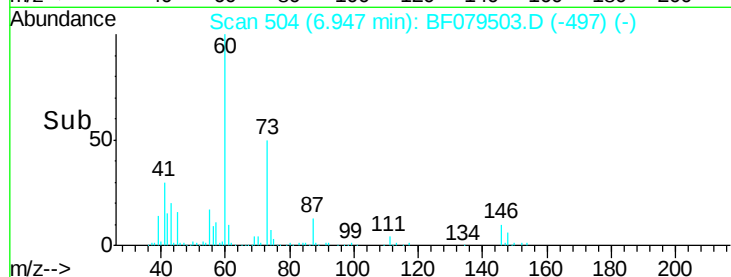
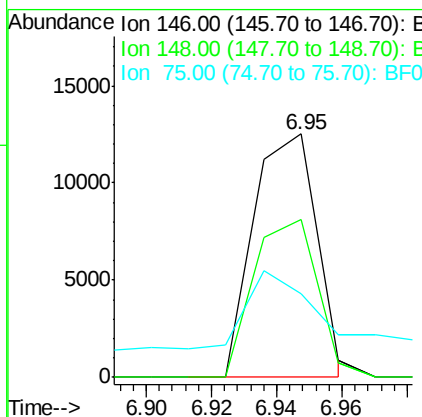
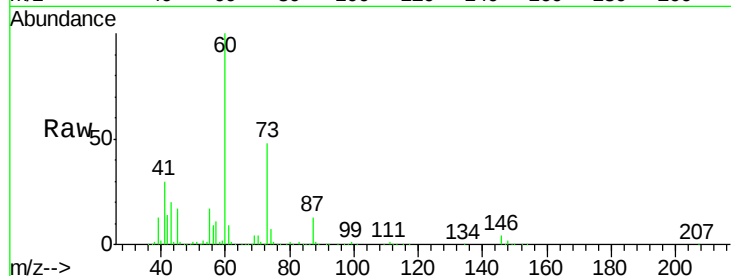
ClientSampleId :

LF001MW001-150518DL

Tot Ion:	146	Resp:	16906
Ion Ratio	Lower	Upper	
146	100		
148	64.7	49.6	74.4
75	34.2	25.9	38.9

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#13

1,4-Dichlorobenzene

Concen: 7.91 ng

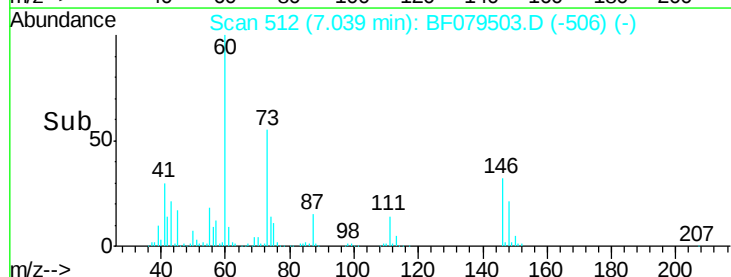
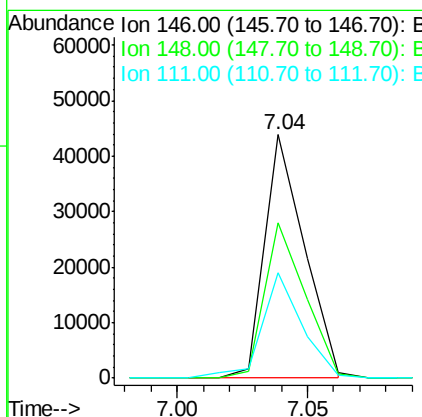
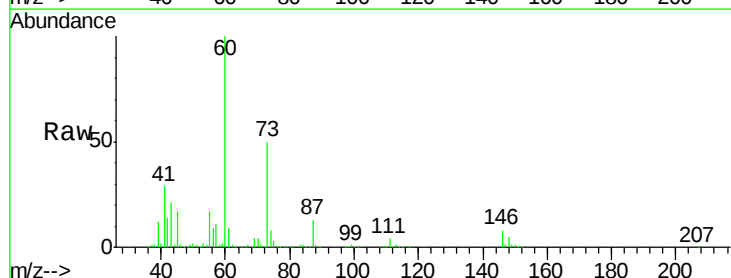
RT: 7.04 min Scan# 512

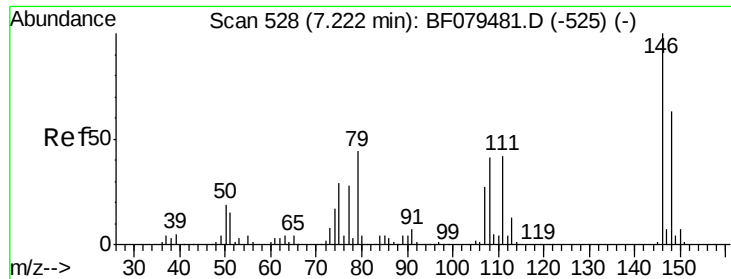
Delta R.T. 0.00 min

Lab File: BF079503.D

Acq: 27 May 2015 5:15

Tgt Ion:	146	Resp:	46658
Ion Ratio	Lower	Upper	
146	100		
148	64.0	51.3	76.9
111	43.2	31.8	47.8





#14

1,2-Dichlorobenzene

Concen: 51.22 ng

RT: 7.22 min Scan# 528

Delta R.T. 0.00 min

Lab File: BF079503.D

Acq: 27 May 2015 5:15

Instrument :

BNA_F

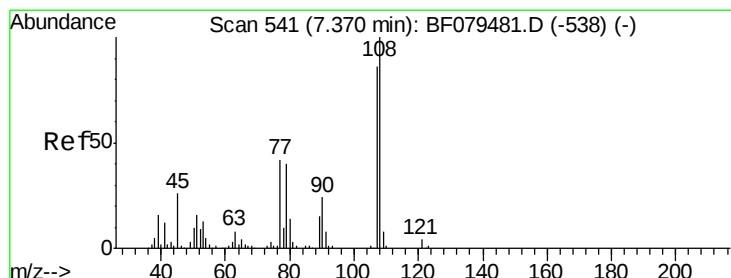
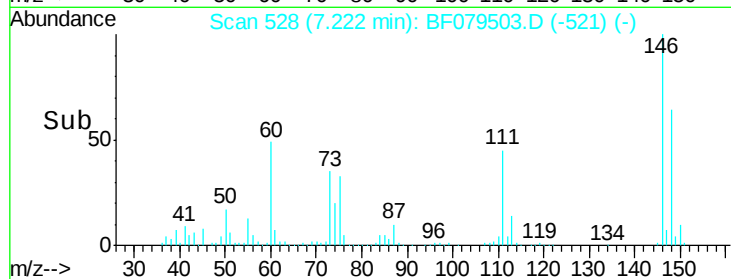
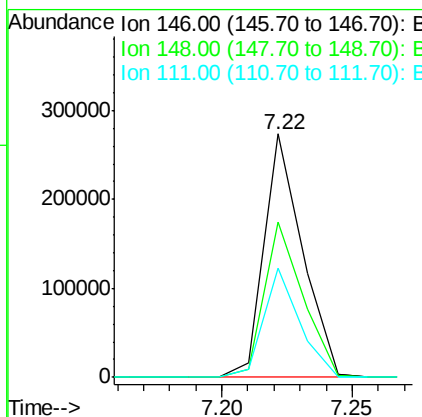
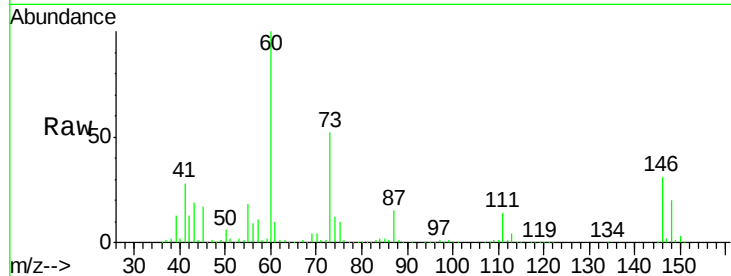
ClientSampleId :

LF001MW001-150518DL

Tot Ion:	146	Resp:	280623
Ion Ratio	Lower	Upper	
146	100		
148	63.9	50.6	76.0
111	44.8	33.2	49.8

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#17

2-Methylphenol

Concen: 4.55 ng

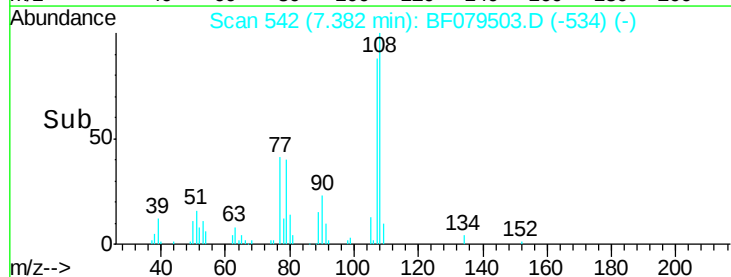
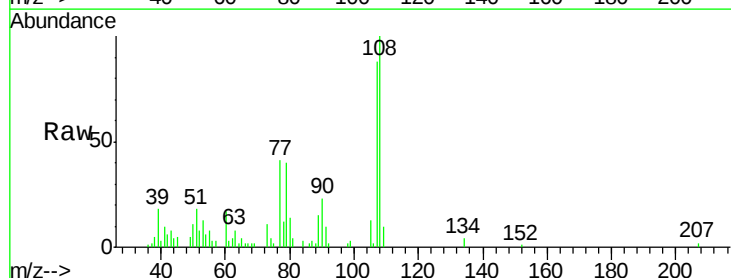
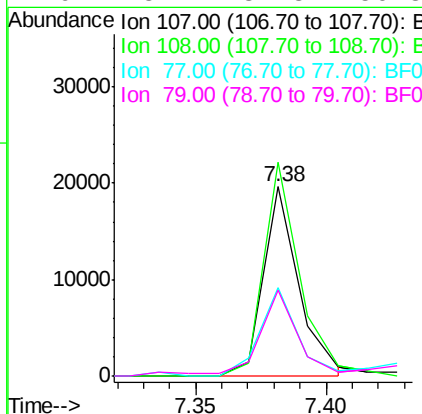
RT: 7.38 min Scan# 542

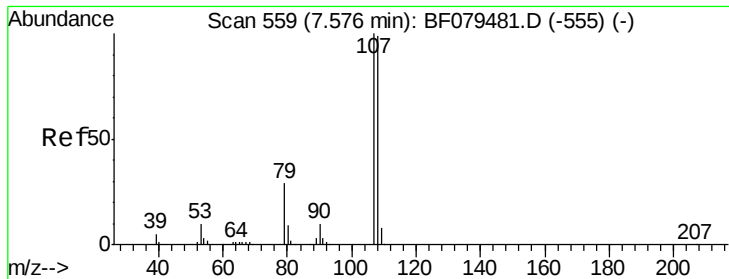
Delta R.T. 0.01 min

Lab File: BF079503.D

Acq: 27 May 2015 5:15

Tgt Ion:	107	Resp:	18670
Ion Ratio	Lower	Upper	
107	100		
108	113.0	93.1	139.7
77	46.6	39.2	58.8
79	45.2	37.8	56.8





#20

3+4-Methylphenols

Concen: 13.48 ng

RT: 7.58 min Scan# 559

Delta R.T. 0.00 min

Lab File: BF079503.D

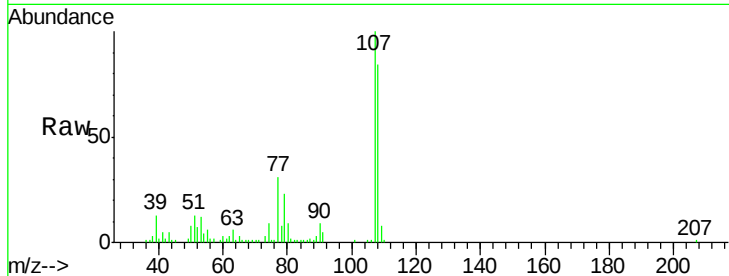
Acq: 27 May 2015 5:15

Instrument :

BNA_F

ClientSampleId :

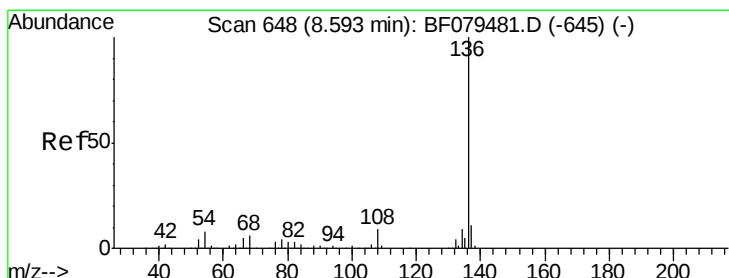
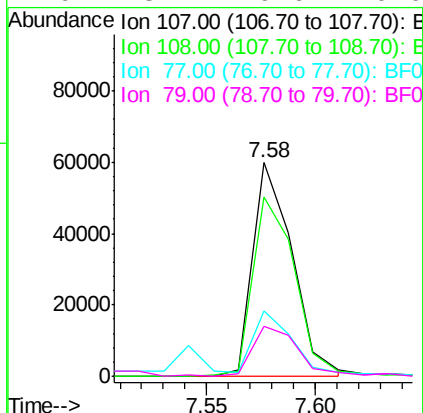
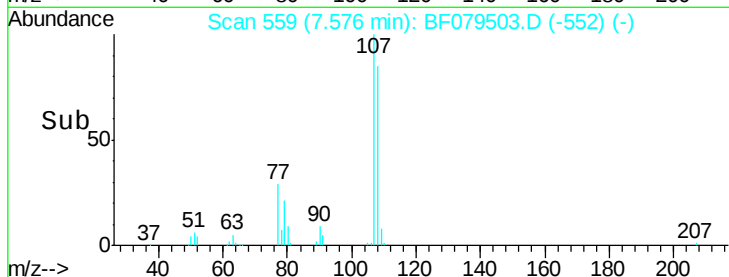
LF001MW001-150518DL



Tot Ion:	107	Resp:	75982
Ion Ratio	Lower	Upper	
107	100		
108	84.0	77.7	117.7
77	30.7	11.4	51.4
79	23.4	9.6	49.6

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#21

Naphthalene-d8

Concen: 20.00 ng

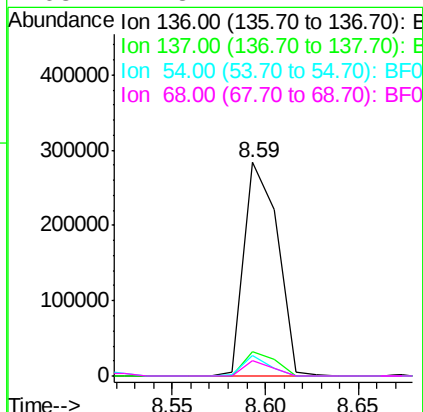
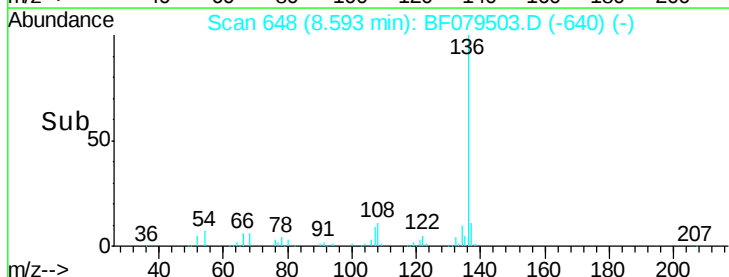
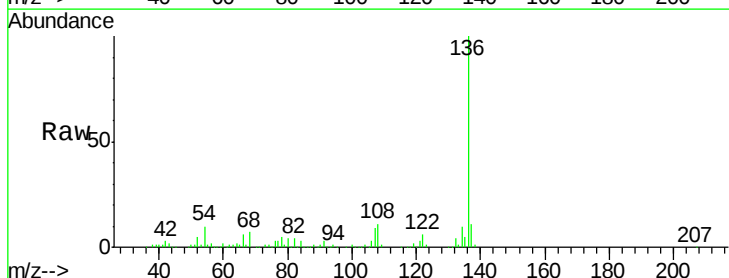
RT: 8.59 min Scan# 648

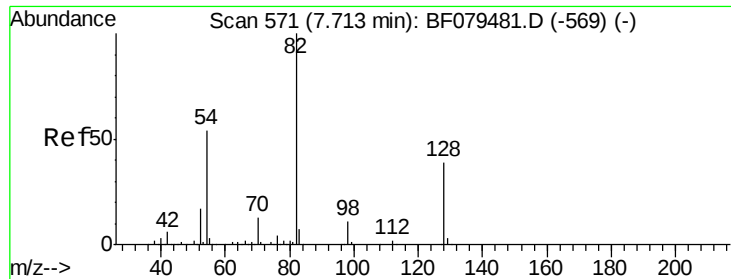
Delta R.T. 0.00 min

Lab File: BF079503.D

Acq: 27 May 2015 5:15

Tgt Ion:	136	Resp:	354597
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.5	12.7
54	9.6	6.6	9.8
68	7.3	4.7	7.1#





#23

Nitrobenzene-d5

Concen: 0.93 ng

RT: 7.72 min Scan# 572

Delta R.T. 0.01 min

Lab File: BF079503.D

Acq: 27 May 2015 5:15

Instrument :

BNA_F

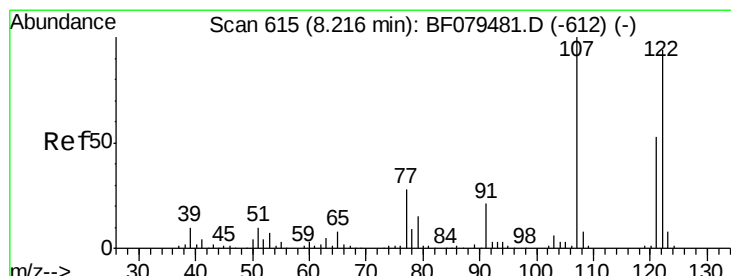
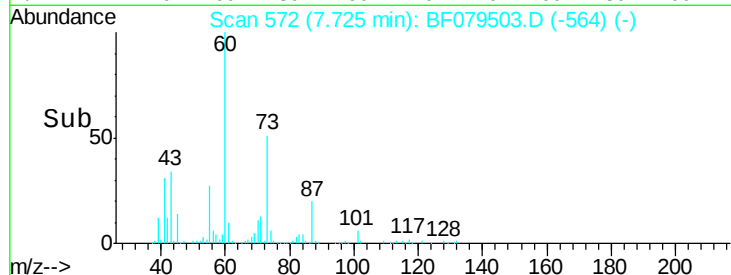
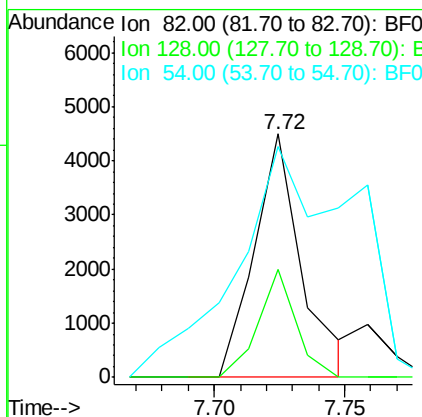
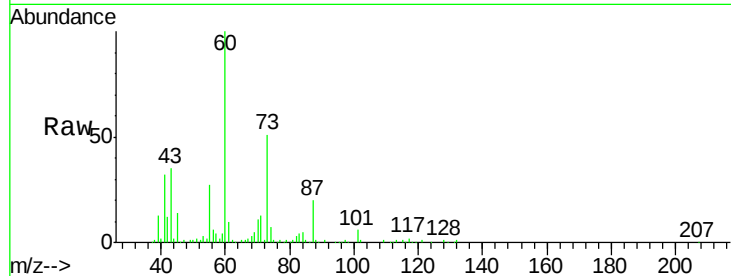
ClientSampleId :

LF001MW001-150518DL

Tot Ion:	82	Resp:	5705
Ion Ratio	Lower	Upper	
82	100		
128	44.2	30.8	46.2
54	94.7	42.8	64.2#

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#27

2,4-Dimethylphenol

Concen: 3.19 ng m

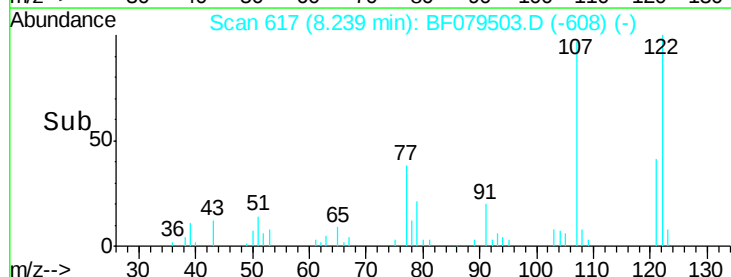
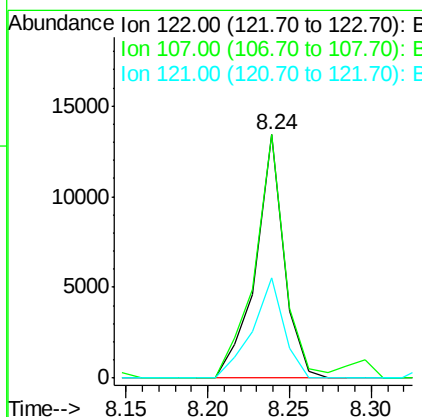
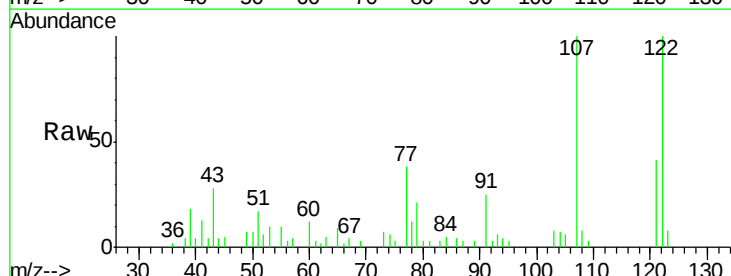
RT: 8.24 min Scan# 617

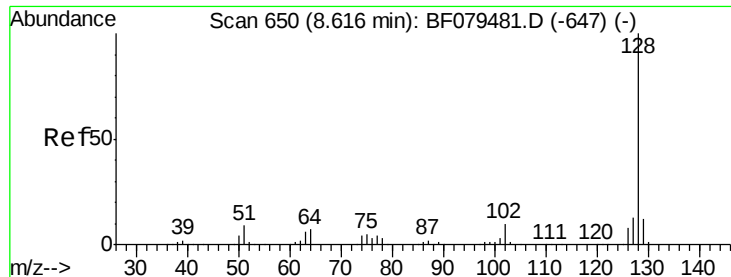
Delta R.T. 0.02 min

Lab File: BF079503.D

Acq: 27 May 2015 5:15

Tgt Ion:	122	Resp:	16440
Ion Ratio	Lower	Upper	
122	100		
107	99.9	85.2	127.8
121	41.2	45.2	67.8#





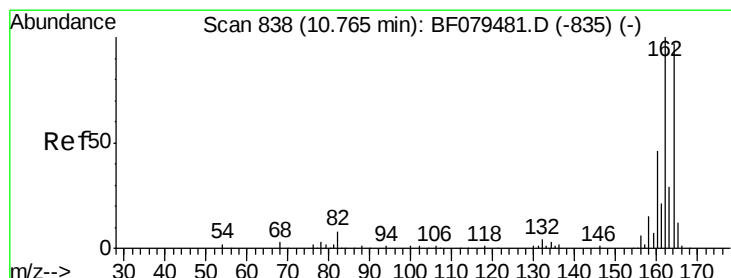
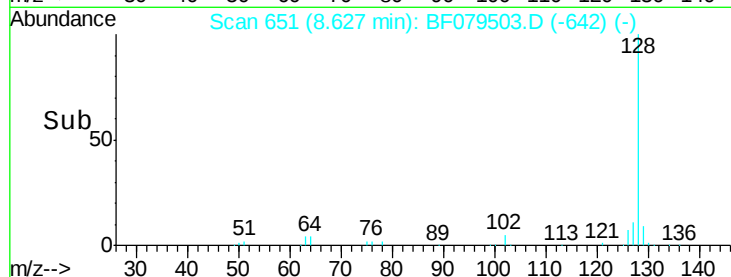
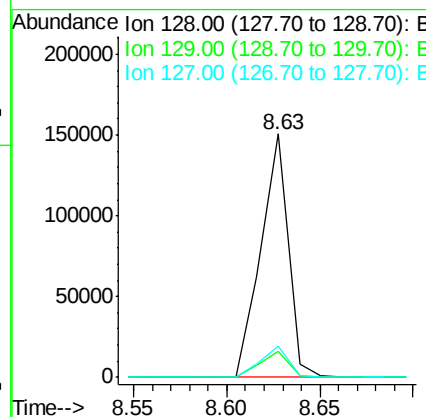
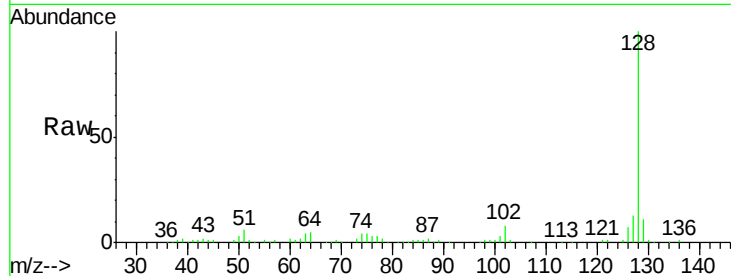
#31
Naphthalene
Concen: 8.97 ng
RT: 8.63 min Scan# 651
Delta R.T. 0.01 min
Lab File: BF079503.D
Acq: 27 May 2015 5:15

Instrument :
BNA_F
ClientSampleId :
LF001MW001-150518DL

Tot Ion	Ratio	Resp	Lower	Upper
128	100	152692		
129	10.8	9.3	13.9	
127	12.8	10.6	15.8	

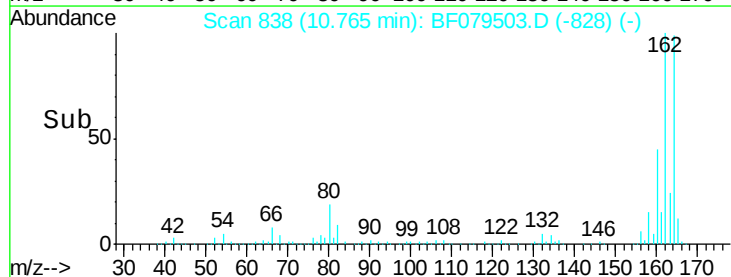
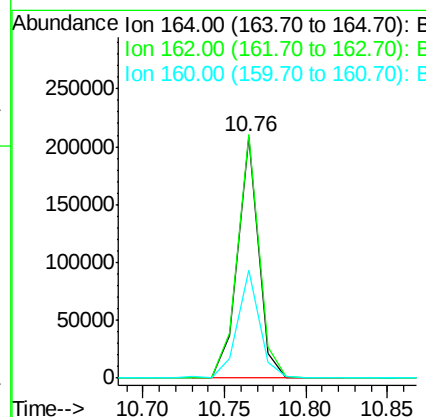
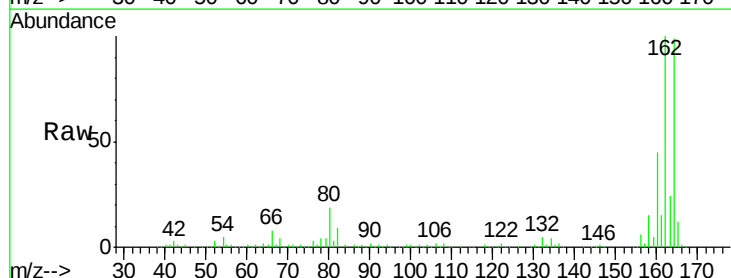
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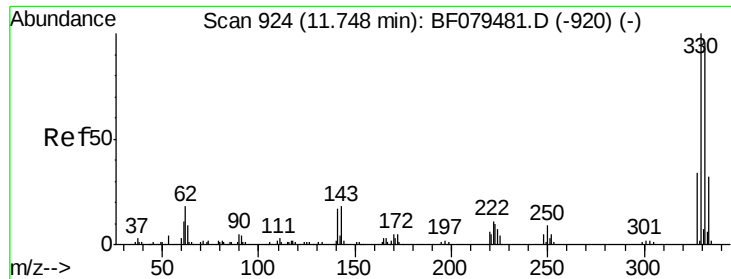
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.76 min Scan# 838
Delta R.T. 0.00 min
Lab File: BF079503.D
Acq: 27 May 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185173		
162	100.7	82.6	124.0	
160	44.9	37.7	56.5	





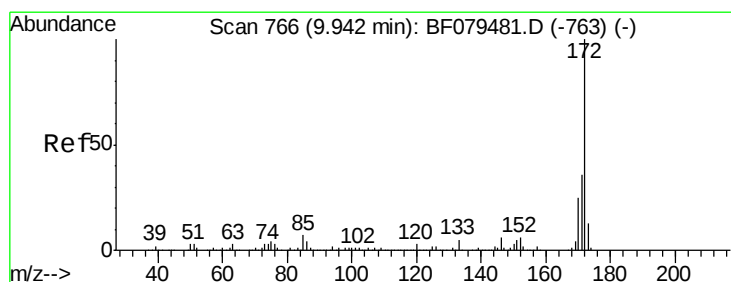
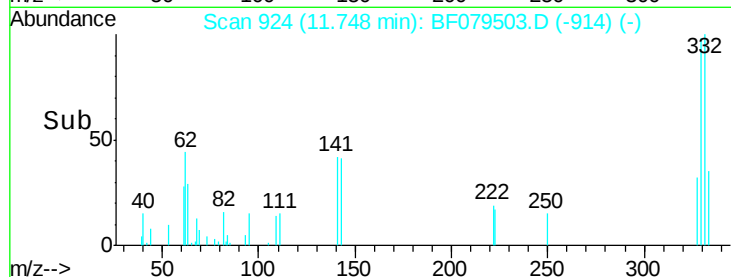
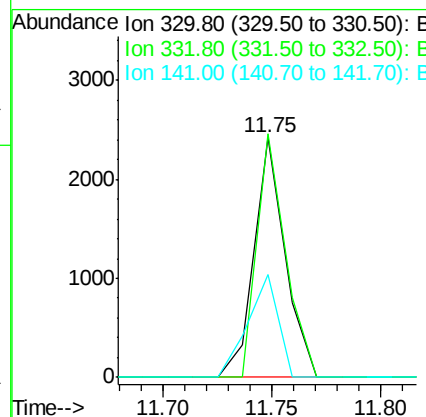
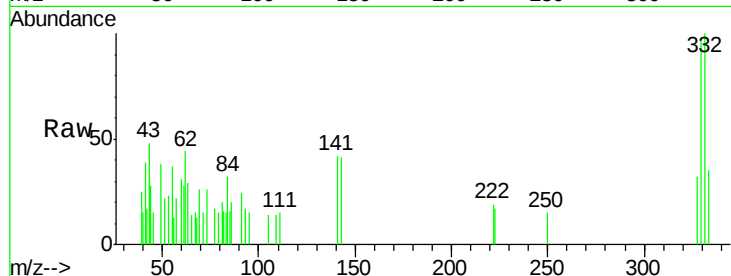
#41
 2,4,6-Tribromophenol
 Concen: 1.18 ng
 RT: 11.75 min Scan# 924
 Delta R.T. 0.00 min
 Lab File: BF079503.D
 Acq: 27 May 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 LF001MW001-150518DL

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	93.1	0.0	0.0	0.0
141	41.4	0.0	0.0	0.0

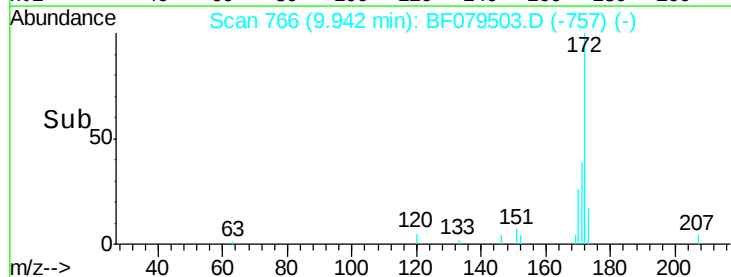
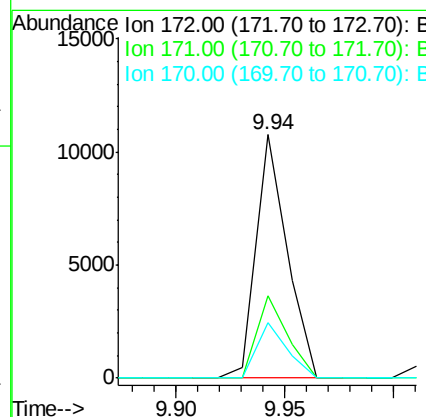
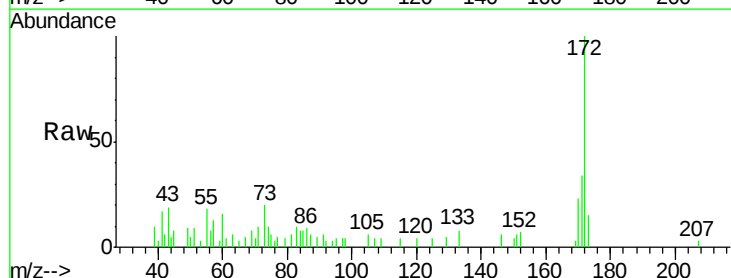
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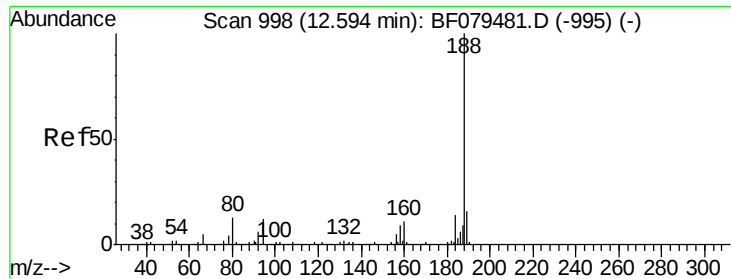
apatel
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#44
 2-Fluorobiphenyl
 Concen: 0.82 ng
 RT: 9.94 min Scan# 766
 Delta R.T. 0.00 min
 Lab File: BF079503.D
 Acq: 27 May 2015 5:15

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	33.8	28.5	42.7	
170	22.5	19.7	29.5	





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.61 min Scan# 999

Delta R.T. 0.01 min

Lab File: BF079503.D

Acq: 27 May 2015 5:15

Instrument :

BNA_F

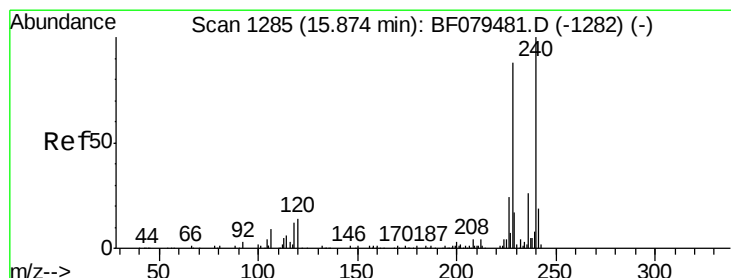
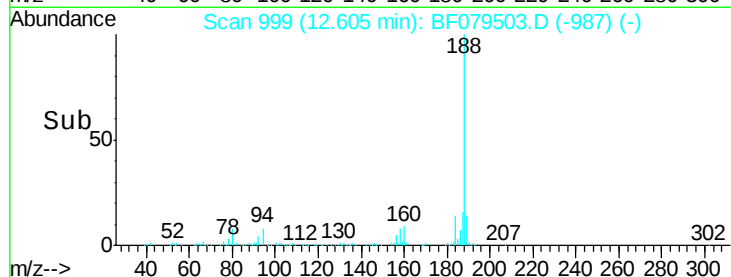
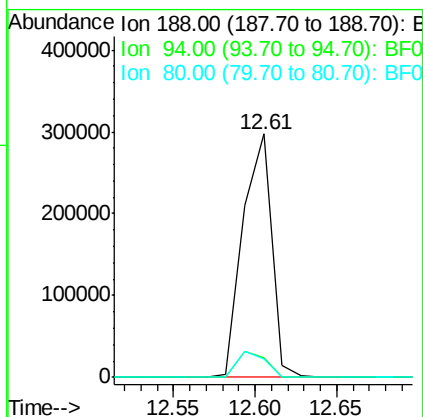
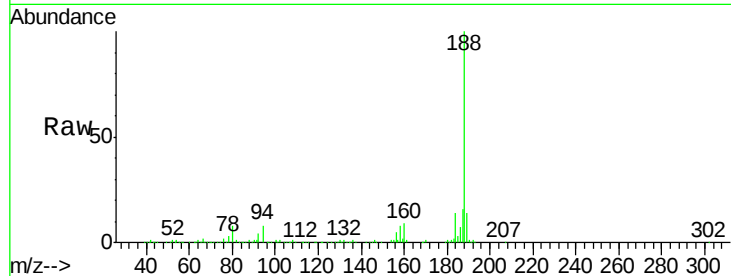
ClientSampleId :

LF001MW001-150518DL

Tot Ion:	188	Resp:	362653
Ion Ratio	Lower	Upper	
188	100		
94	7.9	9.8	14.6#
80	7.5	10.5	15.7#

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#75

Chrysene-d12

Concen: 20.00 ng

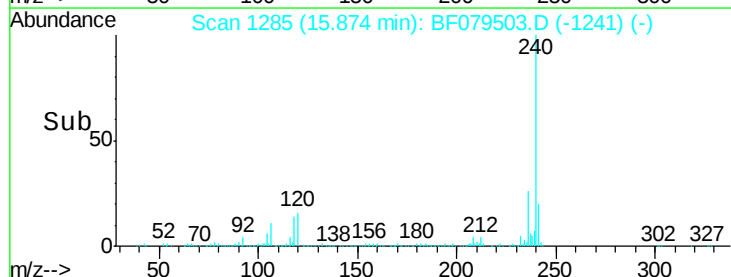
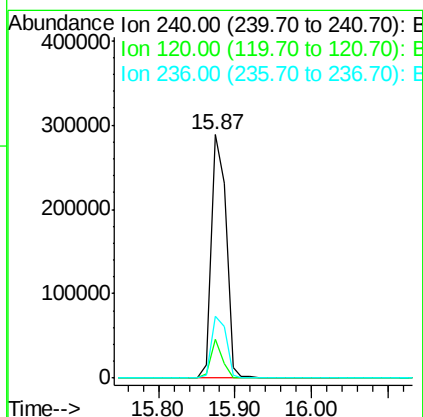
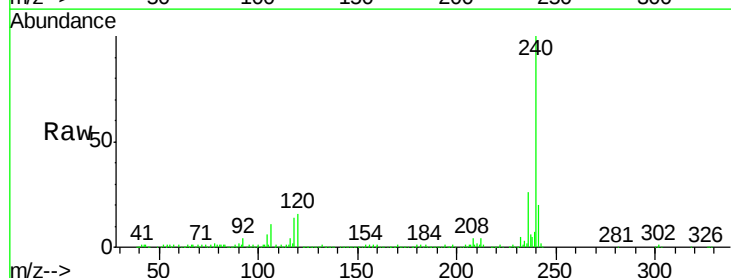
RT: 15.87 min Scan# 1285

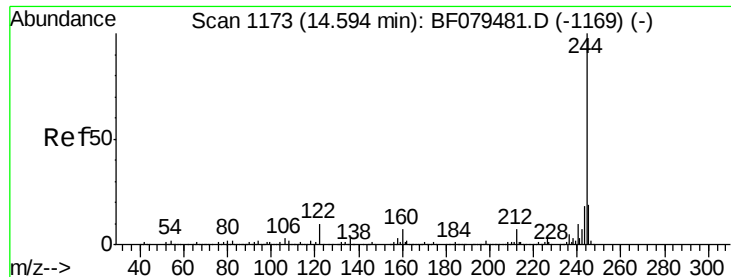
Delta R.T. 0.00 min

Lab File: BF079503.D

Acq: 27 May 2015 5:15

Tgt Ion:	240	Resp:	381565
Ion Ratio	Lower	Upper	
240	100		
120	16.2	10.8	16.2
236	25.7	21.0	31.6





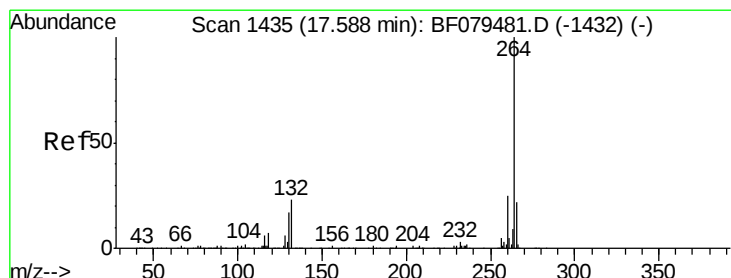
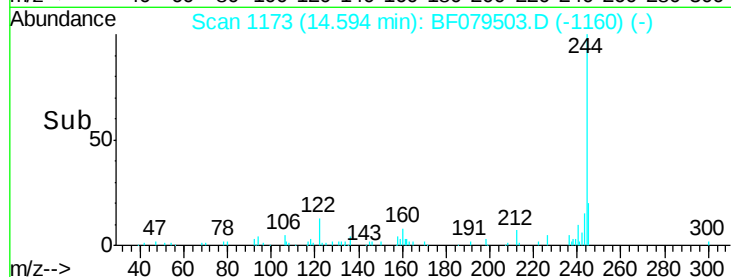
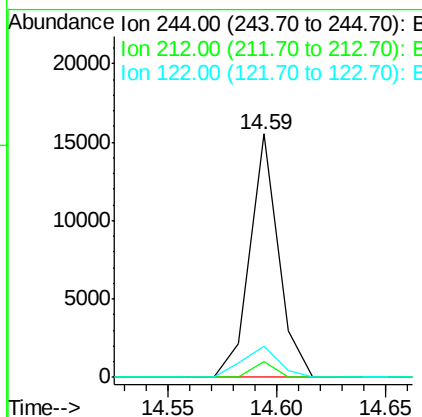
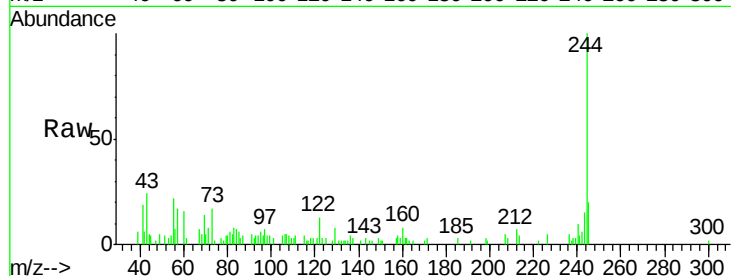
#78
 Terphenyl-d14
 Concen: 0.87 ng
 RT: 14.59 min Scan# 1173
 Delta R.T. 0.00 min
 Lab File: BF079503.D
 Acq: 27 May 2015 5:15

Instrument :
 BNA_F
 ClientSampleId :
 LF001MW001-150518DL

Tot Ion:	244	Resp:	14135
Ion Ratio		Lower	Upper
244	100		
212	6.7	5.2	7.8
122	12.6	8.0	12.0

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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.53 min Scan# 1430
 Delta R.T. -0.06 min
 Lab File: BF079503.D
 Acq: 27 May 2015 5:15

Tgt Ion:	264	Resp:	396954
Ion Ratio		Lower	Upper
264	100		
260	23.9	19.8	29.8
265	21.9	17.8	26.6

