

Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
 Data File : BF079031.D
 Acq On : 8 May 2015 9:57
 Operator : TP/IZ
 Sample : G2077-09
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-17

Manual Integrations
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Quant Time: May 08 12:54:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 30 19:07:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	73951	20.00	ng	-0.02
21) Naphthalene-d8	8.92	136	308916	20.00	ng	-0.02
38) Acenaphthene-d10	11.10	164	152465	20.00	ng	-0.03
63) Phenanthrene-d10	12.95	188	299133	20.00	ng	-0.02
75) Chrysene-d12	16.25	240	327063	20.00	ng	-0.05
86) Perylene-d12	18.05	264	335111	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	131154	30.53	ng	-0.02
7) Phenol-d6	6.90	99	121594	21.41	ng	-0.02
23) Nitrobenzene-d5	8.03	82	269236	50.09	ng	-0.03
41) 2,4,6-Tribromophenol	12.08	330	102557	62.18	ng	-0.03
44) 2-Fluorobiphenyl	10.26	172	524770	47.95	ng	-0.03
78) Terphenyl-d14	14.95	244	504372	36.92	ng	-0.02
Target Compounds						
6) Aniline	6.94	93	68375	8.53	ng	96
10) Phenol	6.92	94	65305	9.91	ng	78
20) 3+4-Methylphenols	7.86	107	36538m	6.99	ng	
32) Benzoic acid	8.63	122	28834	15.37	ng	96
49) Dimethylphthalate	10.76	163	29242	2.61	ng	99

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

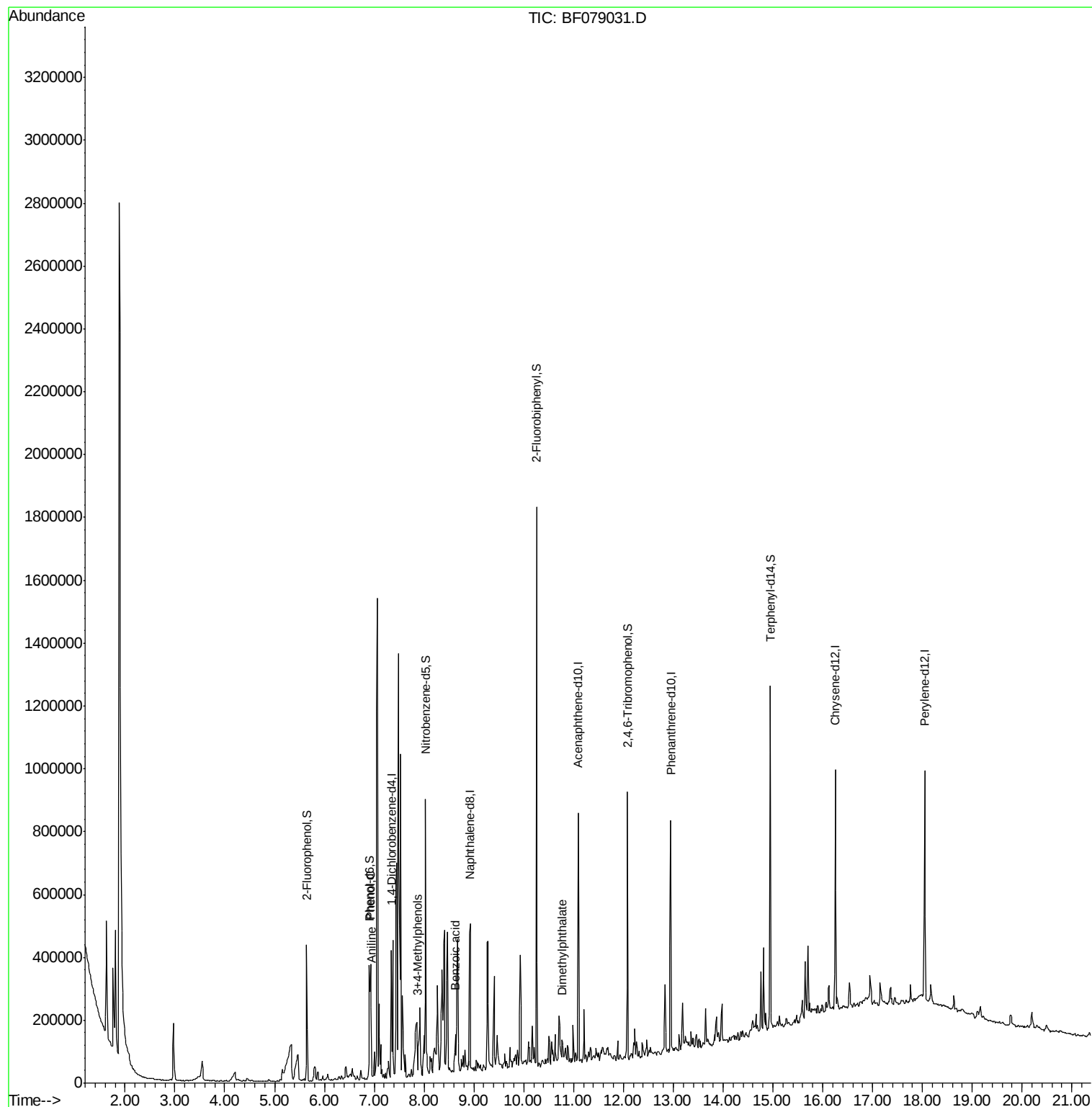
Data Path : Z:\HPCHEM1\BNA F\DATA\BF050715\
Data File : BF079031.D
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Operator : TP/IZ
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#1

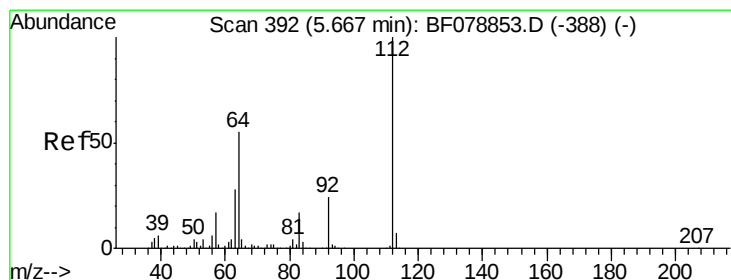
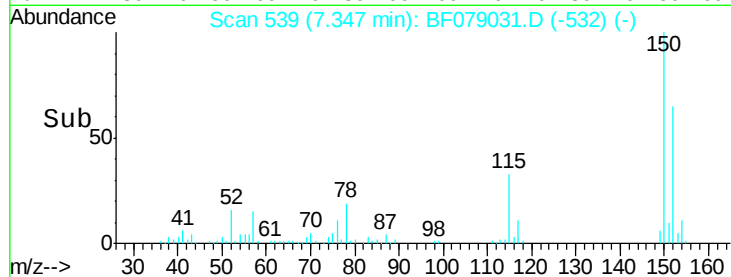
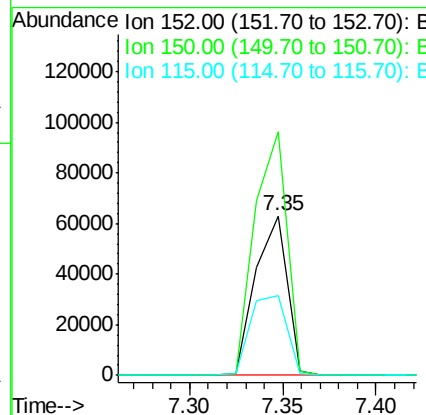
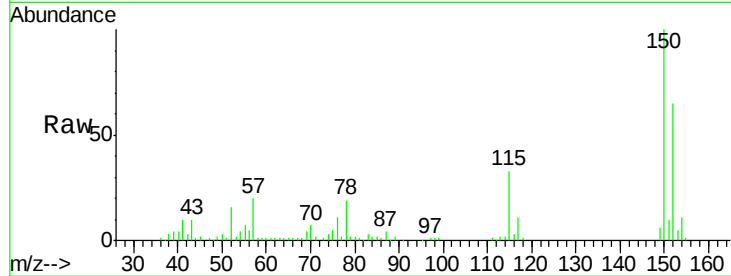
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.35 min Scan# 539
Delta R.T. -0.02 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Instrument :
BNA_F
ClientSampleId :
W-17

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.7	122.0	183.0
115	50.3	46.3	69.5

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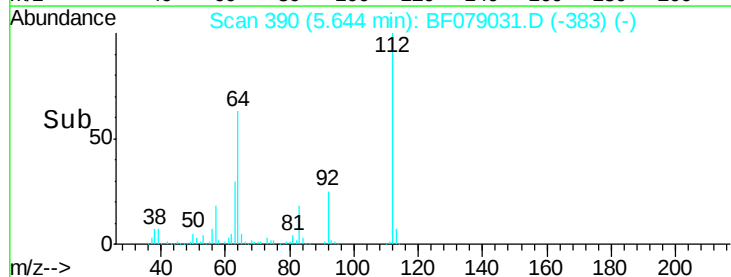
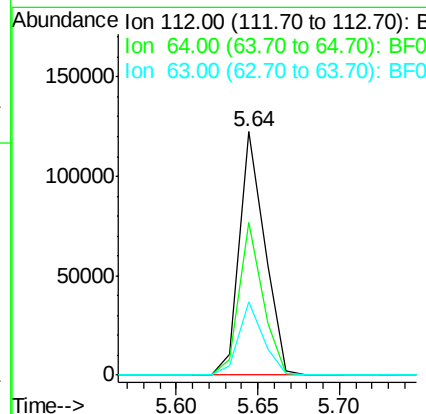
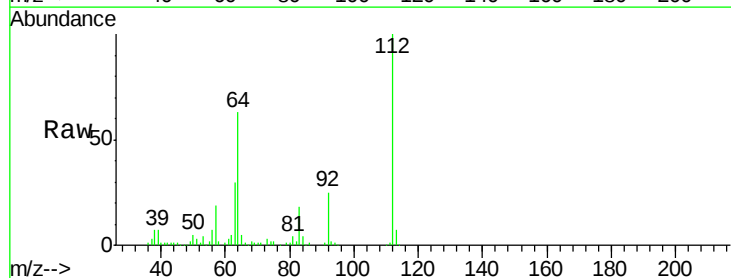
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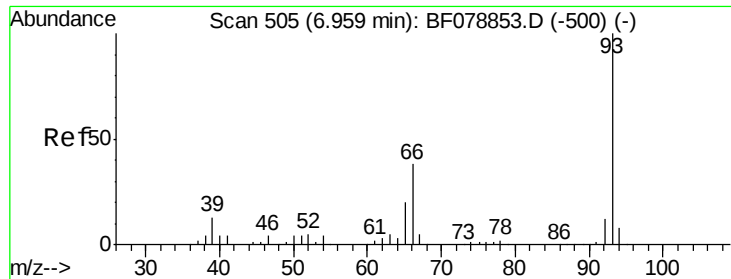


#5

2-Fluorophenol
Concen: 30.53 ng
RT: 5.64 min Scan# 390
Delta R.T. -0.02 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	53.5	80.3
63	30.0	27.5	41.3





#6

Aniline

Concen: 8.53 ng

RT: 6.94 min Scan# 503

Delta R.T. -0.02 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

Instrument :

BNA_F

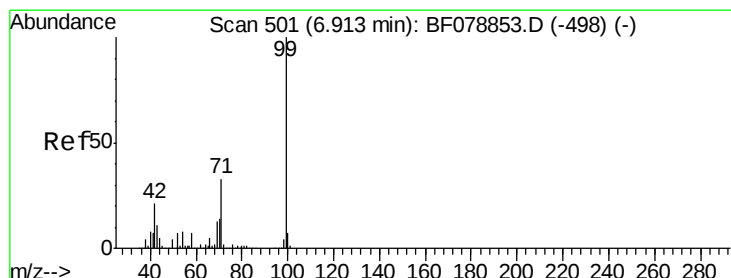
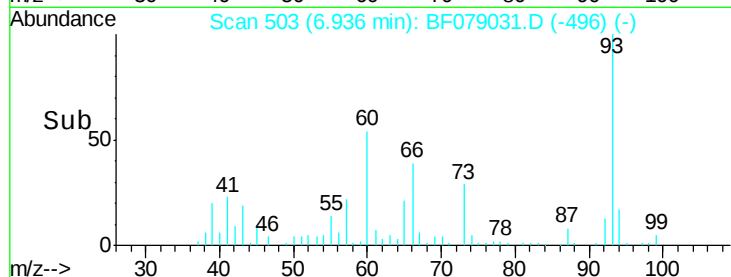
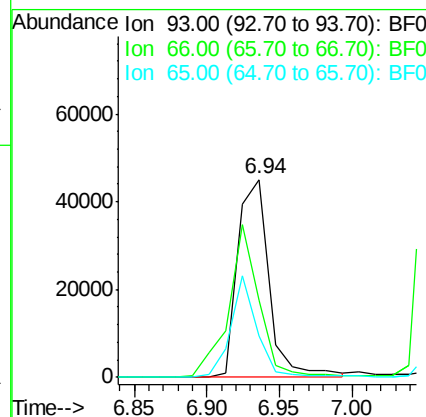
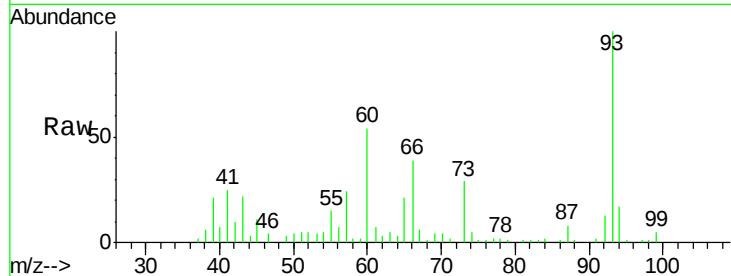
ClientSampled :

W-17

Tot Ion:	93	Resp:	68375
Ion Ratio	Lower	Upper	
93	100		
66	39.2	29.7	44.5
65	21.0	14.6	22.0

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#7

Phenol-d6

Concen: 21.41 ng

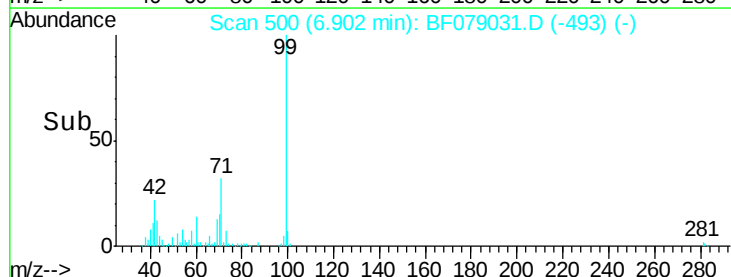
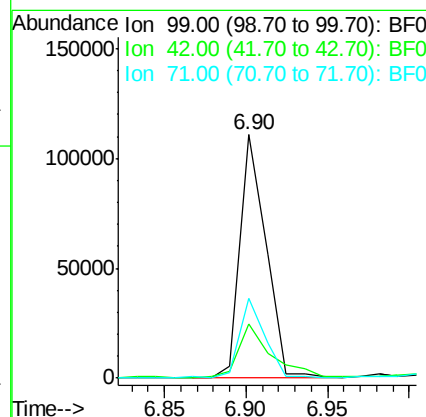
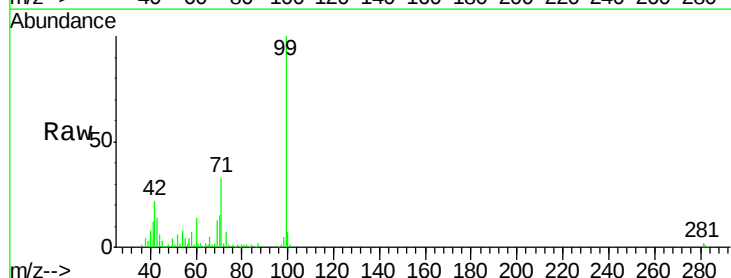
RT: 6.90 min Scan# 500

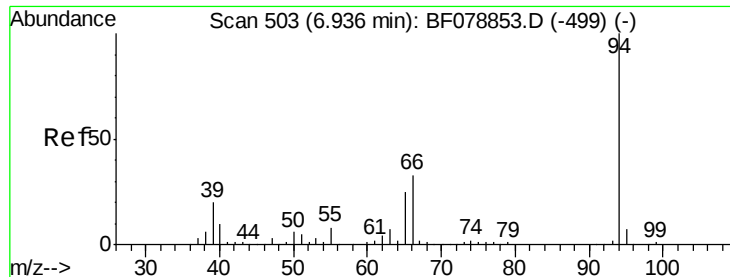
Delta R.T. -0.02 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

Tgt Ion:	99	Resp:	121594
Ion Ratio	Lower	Upper	
99	100		
42	22.1	12.8	19.2#
71	32.6	23.4	35.2





#10

Phenol

Concen: 9.91 ng

RT: 6.92 min Scan# 502

Delta R.T. -0.01 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

Instrument :

BNA_F

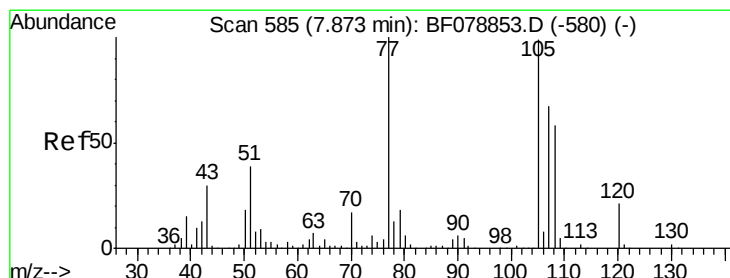
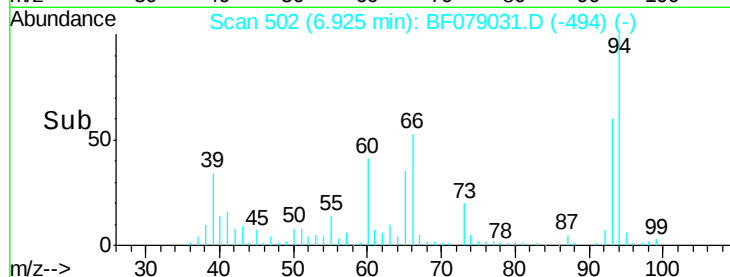
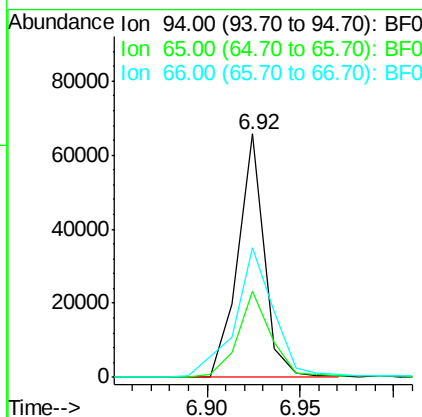
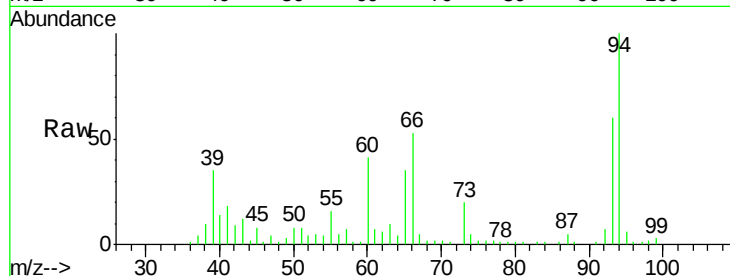
ClientSampled :

W-17

Tot Ion:	94	Resp:	65305
Ion Ratio	Lower	Upper	
94	100		
65	35.4	8.5	48.5
66	53.1	16.0	56.0

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#20

3+4-Methylphenols

Concen: 6.99 ng m

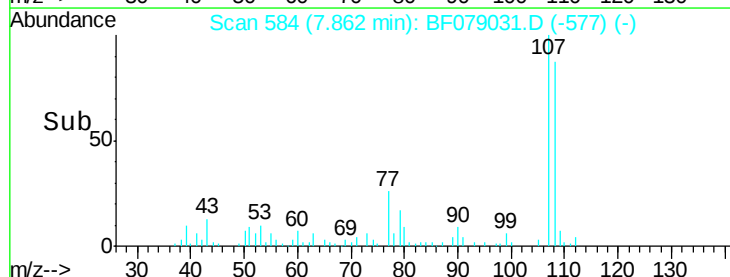
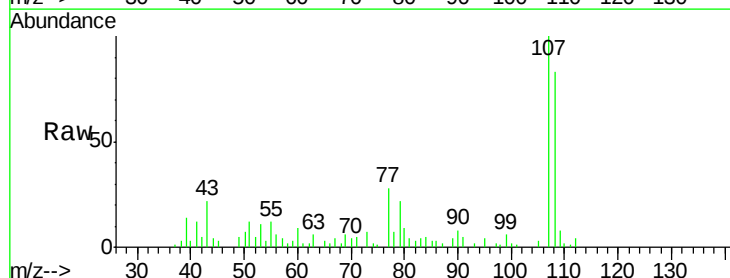
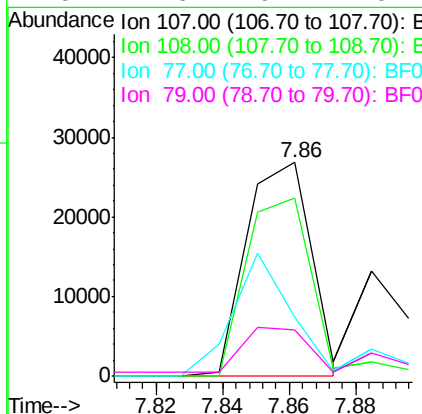
RT: 7.86 min Scan# 584

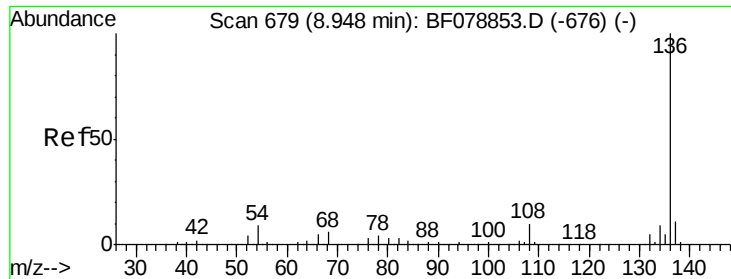
Delta R.T. -0.02 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

Tgt Ion:	107	Resp:	36538
Ion Ratio	Lower	Upper	
107	100		
108	83.1	76.9	116.9
77	27.5	136.8	176.8#
79	21.6	9.7	49.7





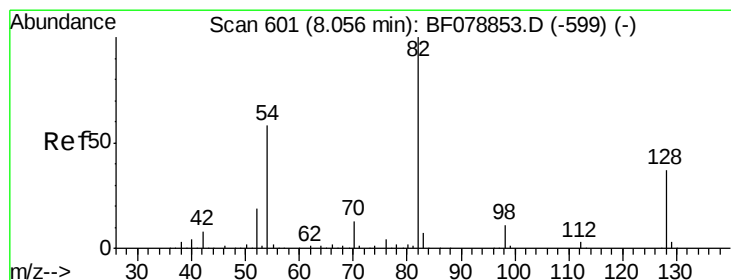
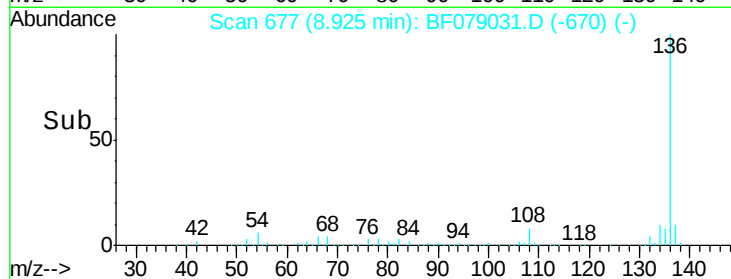
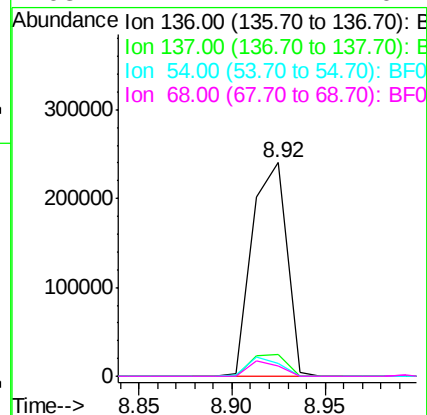
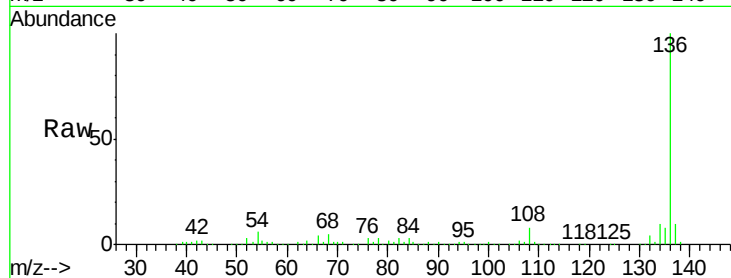
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. -0.02 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
136	100		
137	10.3	8.7	13.1
54	6.1	5.8	8.8
68	4.7	4.2	6.4

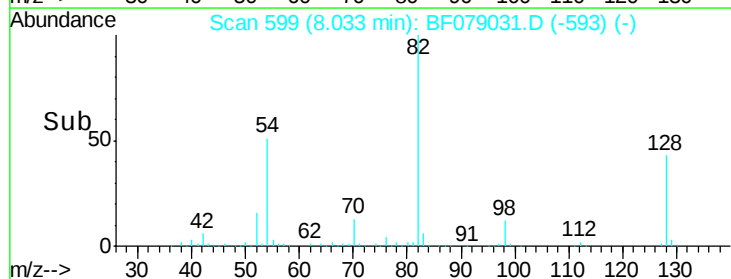
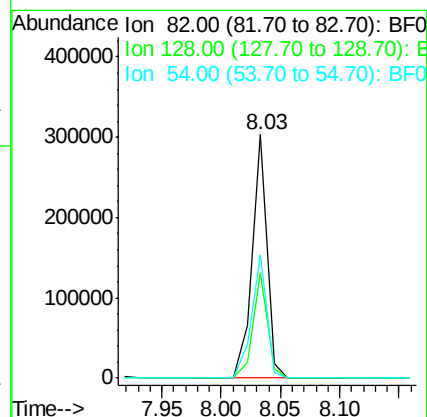
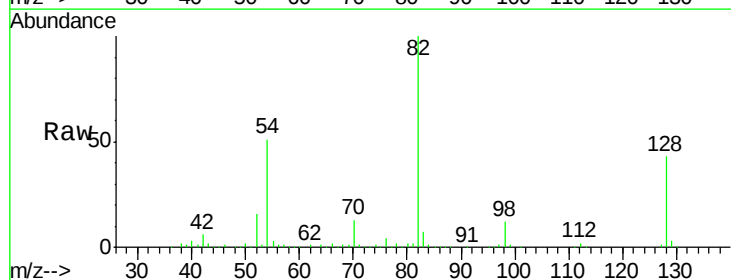
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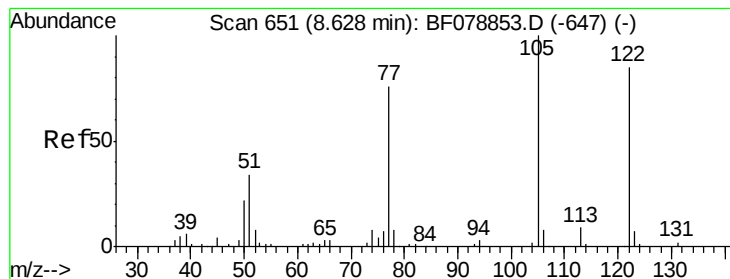
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#23
Nitrobenzene-d5
Concen: 50.09 ng
RT: 8.03 min Scan# 599
Delta R.T. -0.03 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	43.5	30.0	45.0
54	50.8	46.4	69.6





#32

Benzoic acid

Concen: 15.37 ng

RT: 8.63 min Scan# 651

Delta R.T. -0.03 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

Instrument :

BNA_F

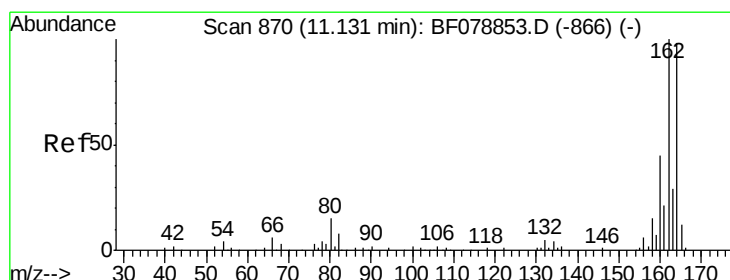
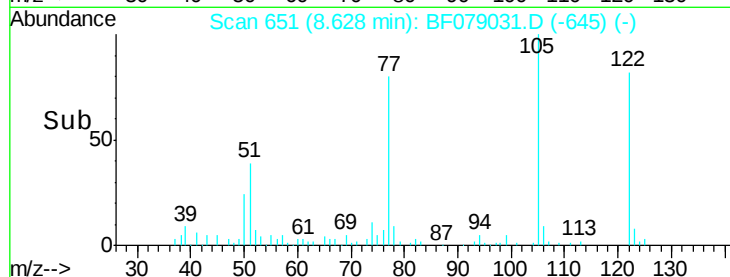
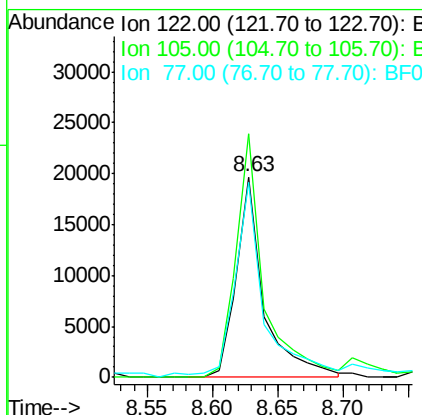
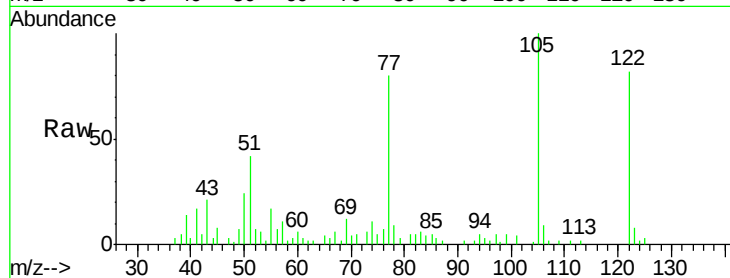
ClientSampleId :

W-17

Tot Ion:	122	Resp:	28834
Ion Ratio	Lower	Upper	
122	100		
105	121.5	107.1	147.1
77	97.5	73.9	113.9

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#38

Acenaphthene-d10

Concen: 20.00 ng

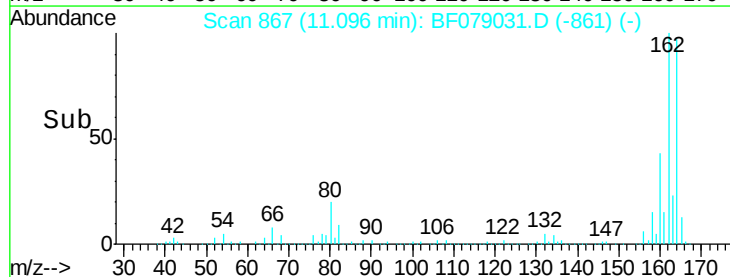
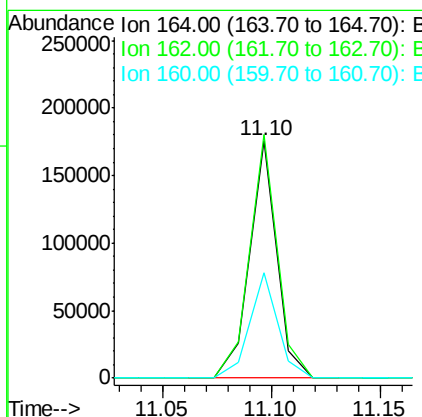
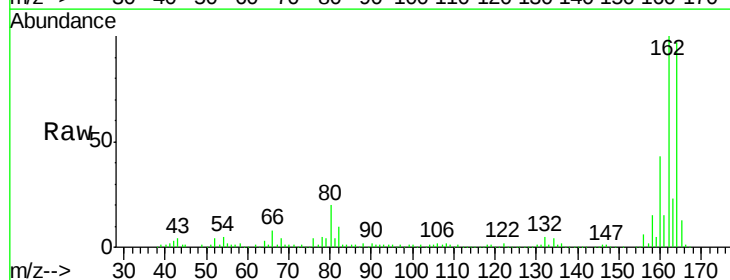
RT: 11.10 min Scan# 867

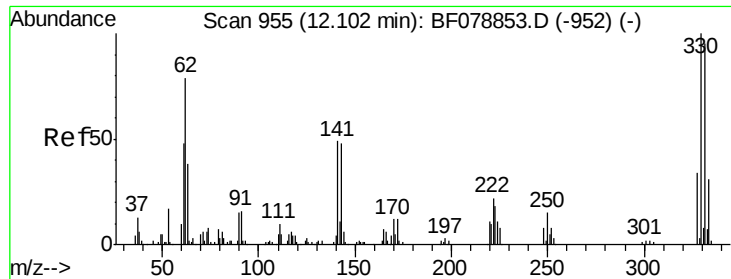
Delta R.T. -0.03 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

Tgt Ion:	164	Resp:	152465
Ion Ratio	Lower	Upper	
164	100		
162	102.6	82.7	124.1
160	44.6	35.8	53.8





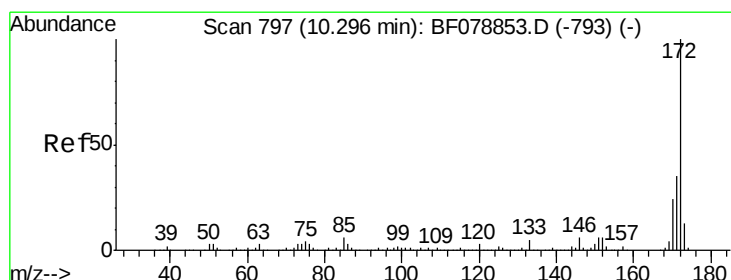
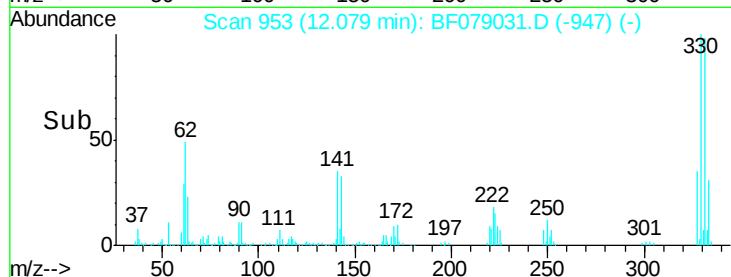
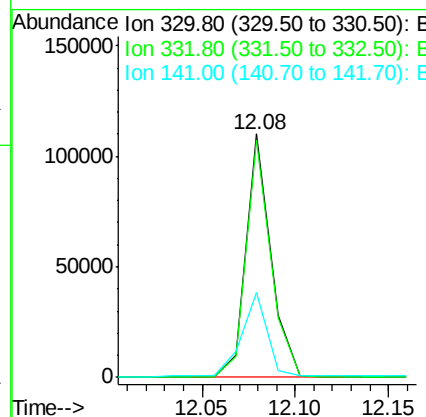
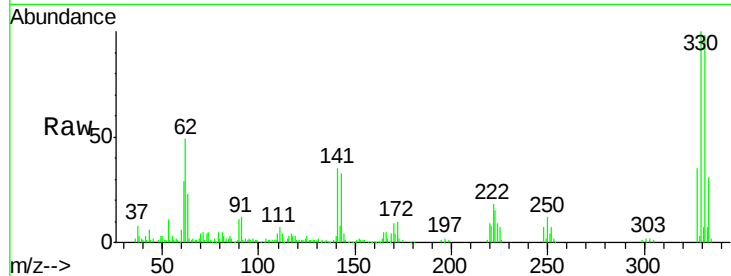
#41
 2,4,6-Tribromophenol
 Concen: 62.18 ng
 RT: 12.08 min Scan# 953
 Delta R.T. -0.03 min
 Lab File: BF079031.D
 Acq: 8 May 2015 9:57

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 BNA_F
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Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.9	0.0	0.0#
141	36.4	0.0	0.0#

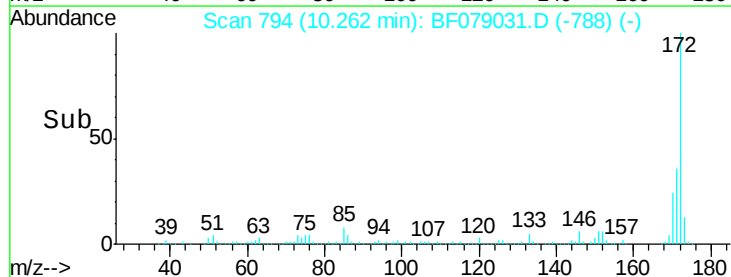
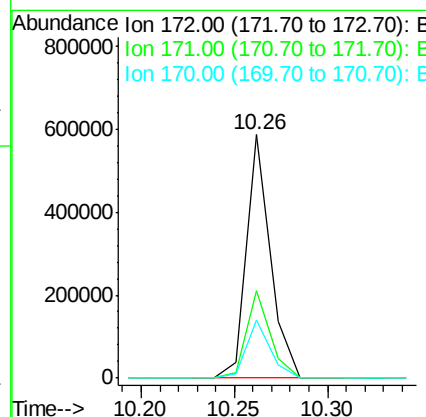
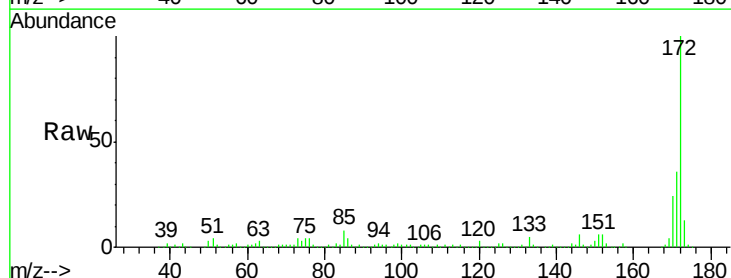
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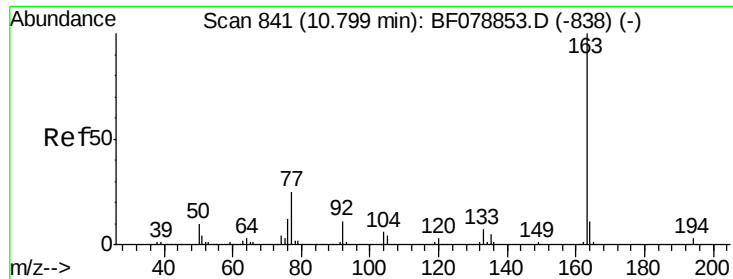
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#44
 2-Fluorobiphenyl
 Concen: 47.95 ng
 RT: 10.26 min Scan# 794
 Delta R.T. -0.03 min
 Lab File: BF079031.D
 Acq: 8 May 2015 9:57

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.7	27.9	41.9
170	24.1	19.4	29.0





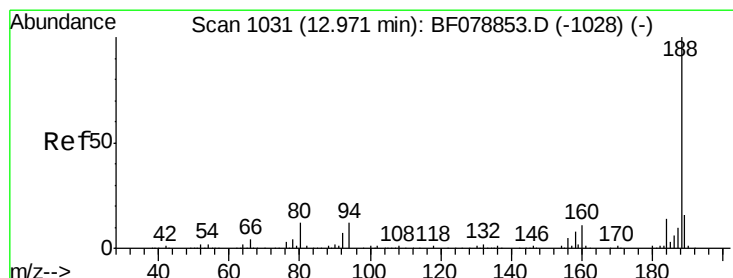
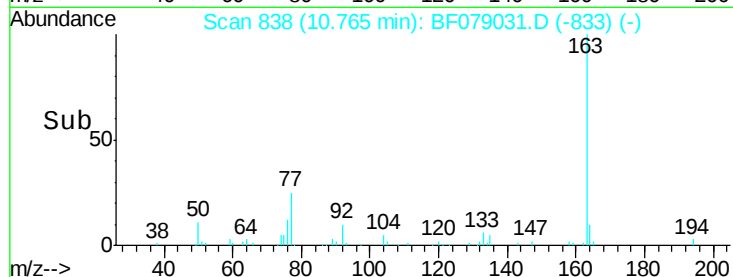
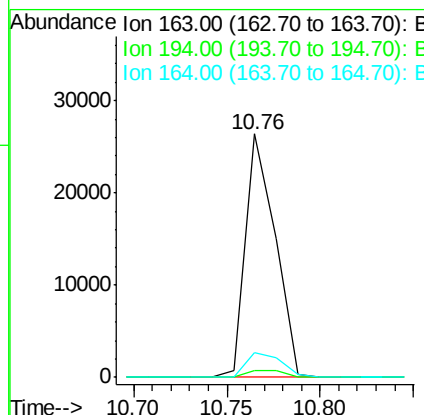
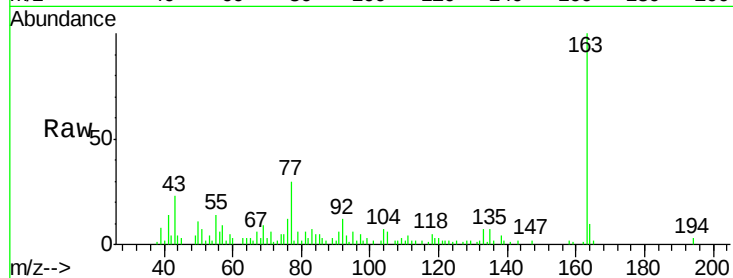
#49
Dimethylphthalate
Concen: 2.61 ng
RT: 10.76 min Scan# 838
Delta R.T. -0.05 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	29242		
194	2.8		2.6	4.0
164	10.3		8.1	12.1

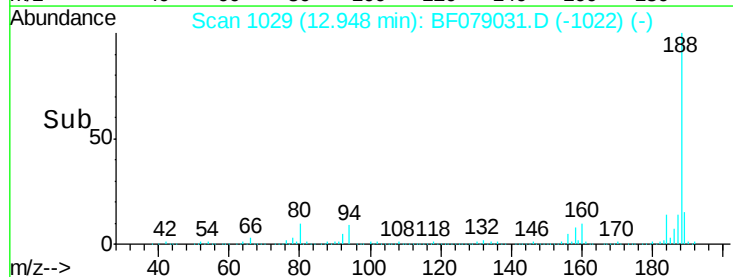
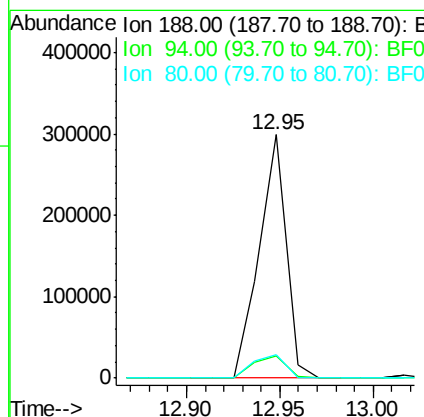
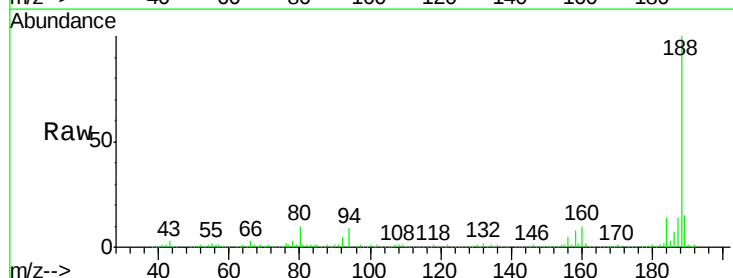
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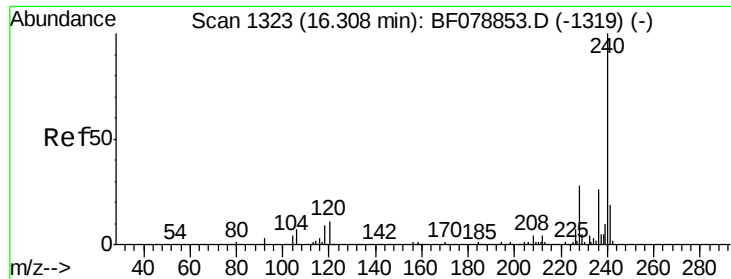
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.95 min Scan# 1029
Delta R.T. -0.02 min
Lab File: BF079031.D
Acq: 8 May 2015 9:57

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	299133		
94	9.3		8.2	12.2
80	9.7		8.9	13.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.05 min

Lab File: BF079031.D

Acq: 8 May 2015 9:57

Instrument :

BNA_F

ClientSampleId :

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Tot Ion:	240	Resp:	327063
Ion Ratio	Lower	Upper	
240	100		
120	15.4	9.7	14.5#
236	26.4	20.2	30.4

Manual Integrations
APPROVED

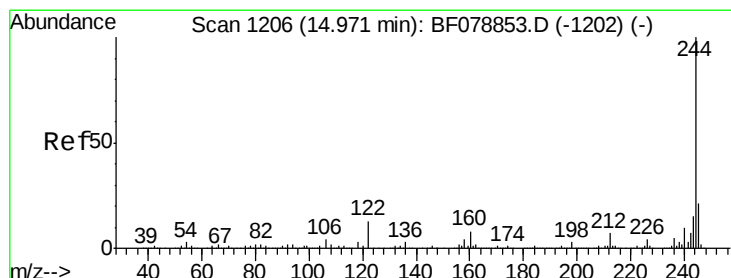
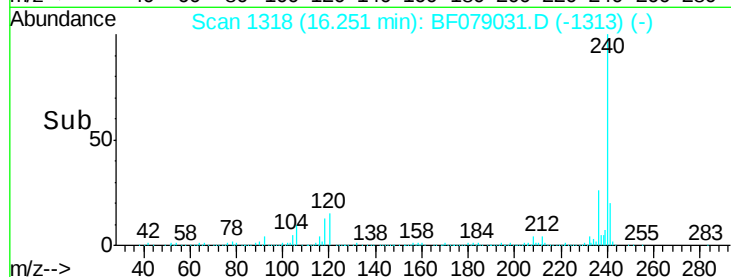
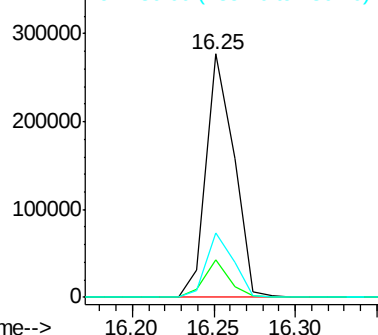
apatel
5/8/2015 3:52:05 PM



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: 36.92 ng

RT: 14.95 min Scan# 1204

Delta R.T. -0.02 min

Lab File: BF079031.D

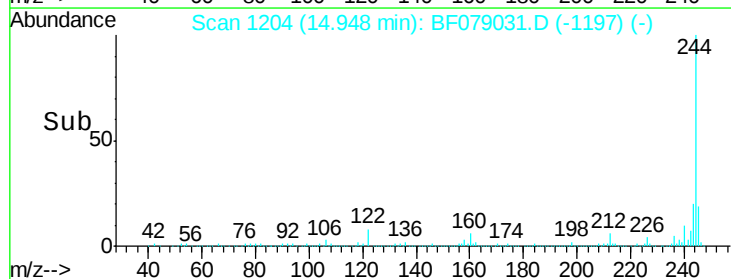
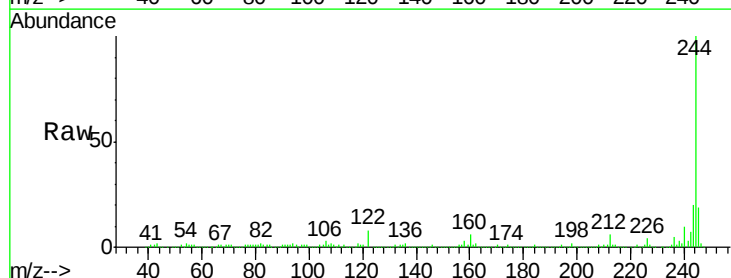
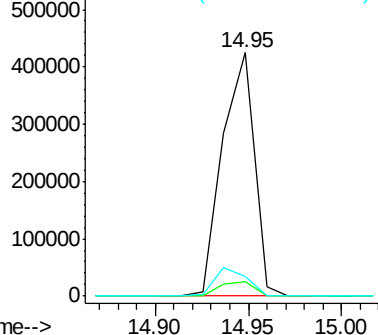
Acq: 8 May 2015 9:57

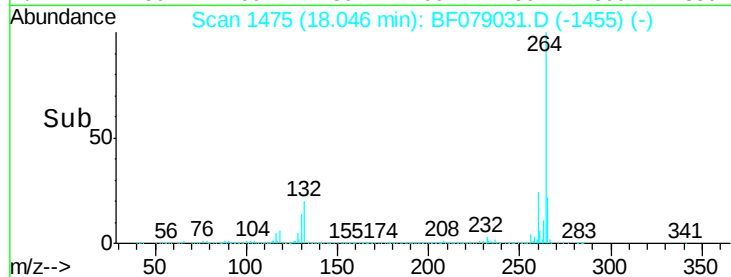
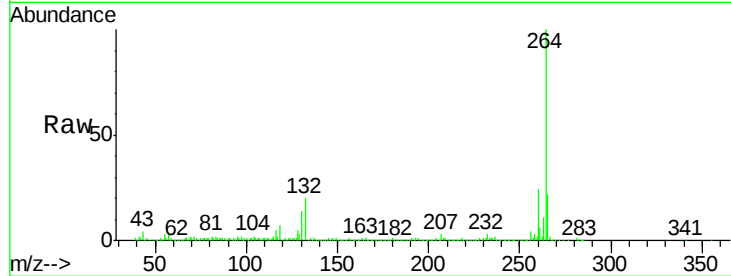
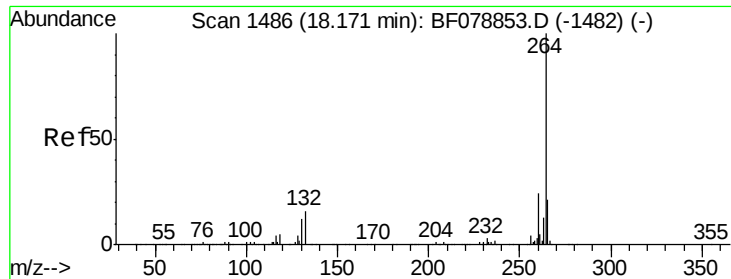
Tgt Ion:	244	Resp:	504372
Ion Ratio	Lower	Upper	
244	100		
212	6.1	5.6	8.4
122	8.0	10.3	15.5#

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
 Pervlene-d12
 Concen: 20.00 ng
 RT: 18.05 min Scan# 1475
 Delta R.T. -0.07 min
 Lab File: BF079031.D
 Acq: 8 May 2015 9:57

Instrument :
 BNA_F
 ClientSampleId :
 W-17

Tot Ion:	264	Resp:	335111
Ion Ratio	Lower	Upper	
264	100		
260	24.1	19.4	29.2
265	22.1	18.3	27.5

Manual Integrations
 APPROVED

apatel
 5/8/2015 3:52:05 PM

