

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
 Data File : BF079440.D
 Acq On : 22 May 2015 18:34
 Operator : TP/IZ
 Sample : G2355-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FRACTANKSAMPLE1

Manual Integrations
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 5/27/2015 8:16:02 AM

Quant Time: May 22 23:52:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 22 22:53:44 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.05	152	66391	20.00	ng	0.00
21) Naphthalene-d8	8.63	136	281485	20.00	ng	0.00
38) Acenaphthene-d10	10.80	164	137168	20.00	ng	0.00
63) Phenanthrene-d10	12.63	188	254320	20.00	ng	-0.01
75) Chrysene-d12	15.92	240	245692	20.00	ng	-0.05
86) Perylene-d12	17.67	264	236731	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	181957m	47.18	ng	0.01
7) Phenol-d6	6.64	99	145295m	28.50	ng	0.01
23) Nitrobenzene-d5	7.75	82	524889	107.17	ng	0.00
41) 2,4,6-Tribromophenol	11.78	330	158139	106.57	ng	0.00
44) 2-Fluorobiphenyl	9.98	172	1033085	104.93	ng	0.00
78) Terphenyl-d14	14.63	244	1092148	106.42	ng	0.00
Target Compounds						
9) Benzaldehyde	6.50	77	90268m	26.28	ng	Qvalue
22) Acetophenone	7.56	105	138601	21.79	ng	# 86
31) Naphthalene	8.65	128	74073	5.52	ng	98
32) Benzoic acid	8.35	122	33773	17.96	ng	93
73) Di-n-butylphthalate	13.39	149	551590	34.57	ng	99

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

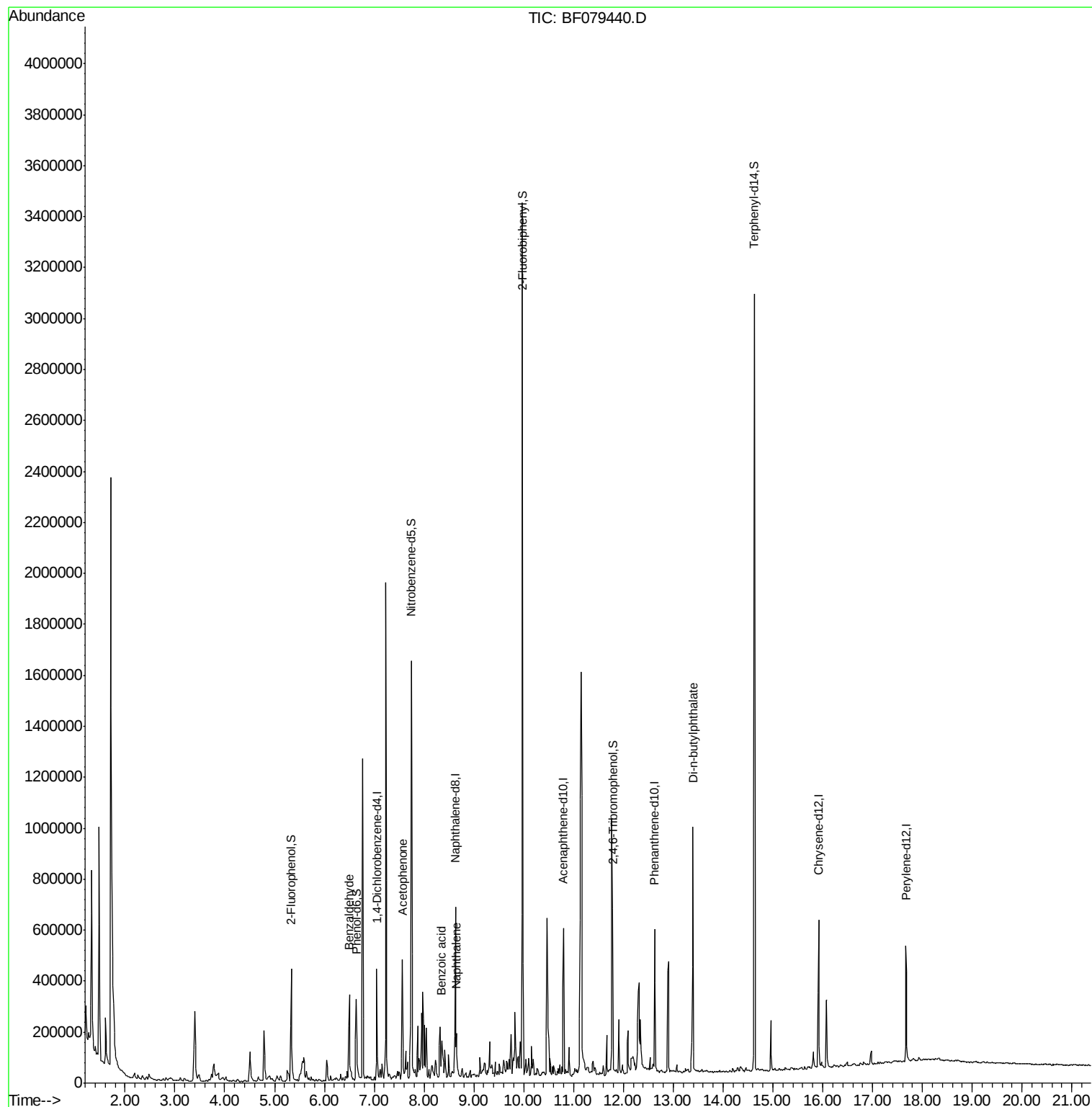
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052215\
Data File : BF079440.D
Acq On : 22 May 2015 18:34
Operator : TP/IZ
Sample : G2355-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

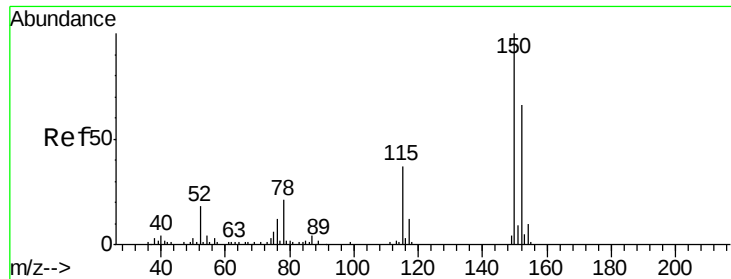
Instrument :
BNA_F
ClientSampleId :
FRACTANKSAMPLE1

Manual Integrations
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Quant Time: May 22 23:52:44 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
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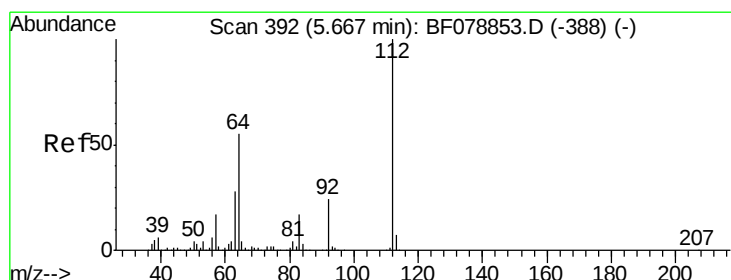
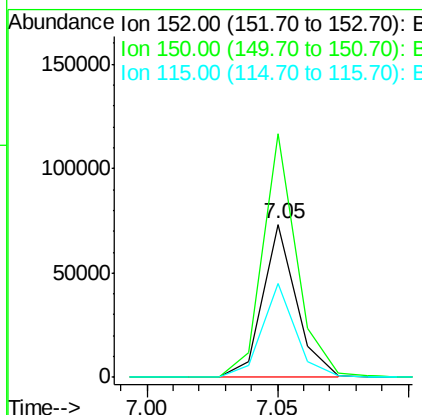
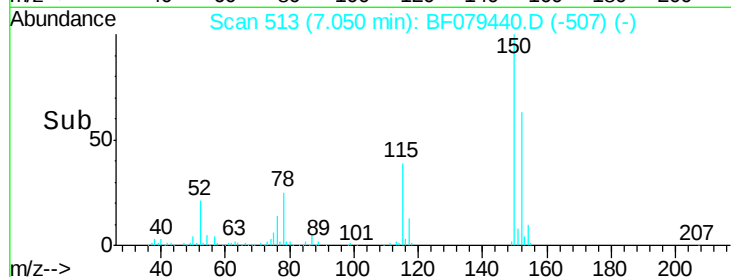
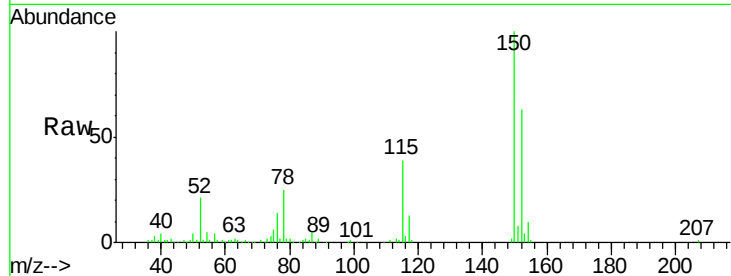
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.05 min Scan# 513
Delta R.T. 0.00 min
Lab File: BF079440.D
Acq: 22 May 2015 18:34

Instrument :
BNA_F
ClientSampleId :
FRACTANKSAMPLE1

Tot Ion:	152	Resp:	66391
Ion Ratio	Lower	Upper	
152	100		
150	159.2	123.8	185.8
115	61.7	49.4	74.0

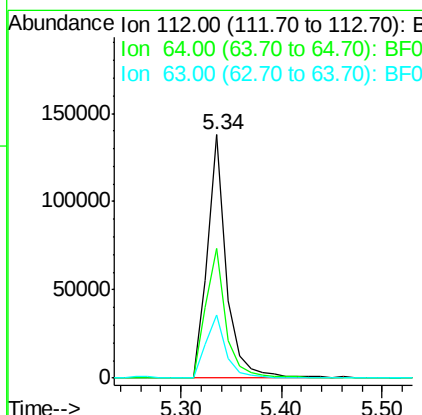
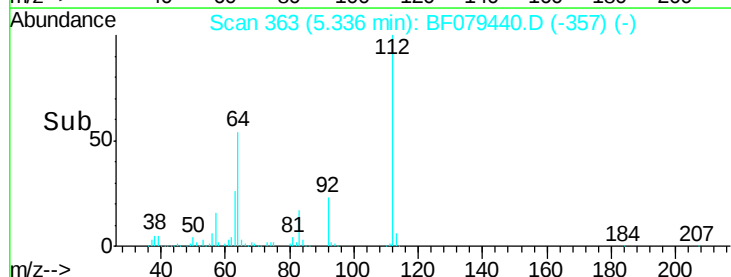
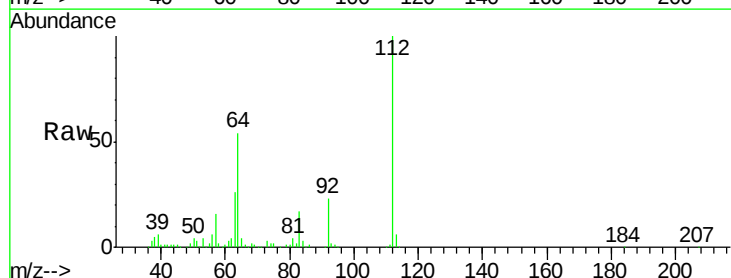
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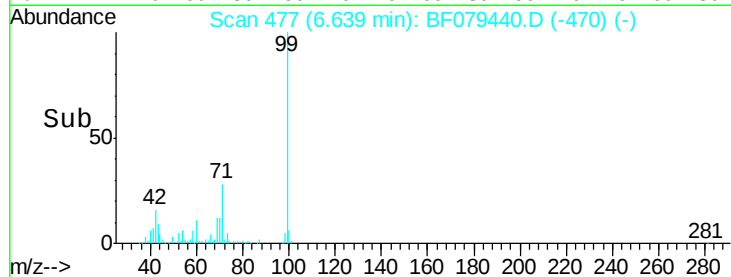
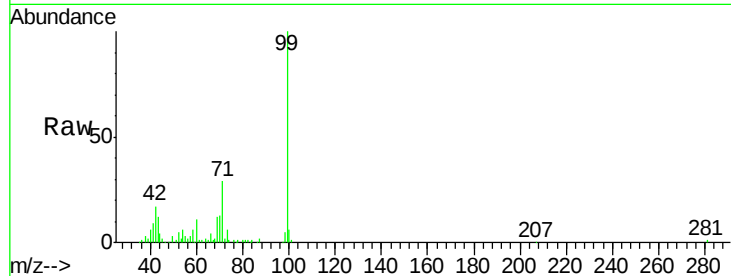
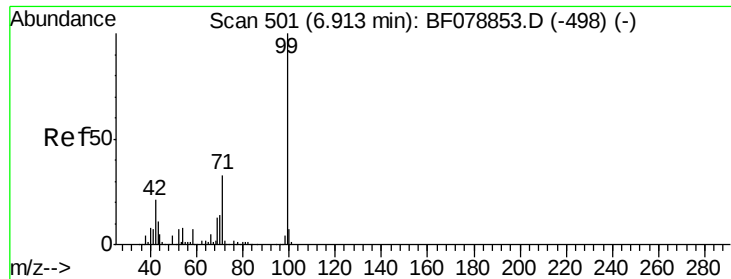
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#5
2-Fluorophenol
Concen: 47.18 ng m
RT: 5.34 min Scan# 363
Delta R.T. 0.01 min
Lab File: BF079440.D
Acq: 22 May 2015 18:34

Tgt Ion:	112	Resp:	181957
Ion Ratio	Lower	Upper	
112	100		
64	53.5	44.2	66.2
63	26.2	22.7	34.1





#7

Phenol-d6

Concen: 28.50 ng m

RT: 6.64 min Scan# 477

Delta R.T. 0.01 min

Lab File: BF079440.D

Acq: 22 May 2015 18:34

Tot Ion:	99	Resp:	145295
Ion Ratio	Lower	Upper	
99	100		
42	16.7	17.1	25.7#
71	29.0	26.3	39.5

Instrument :

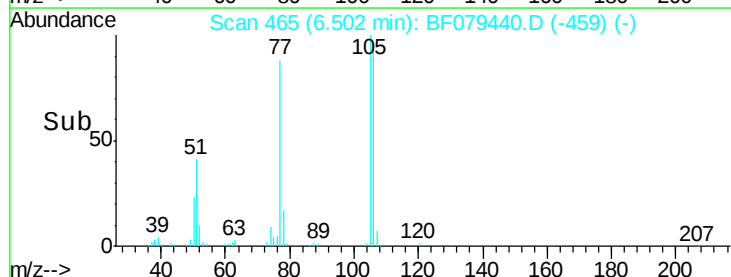
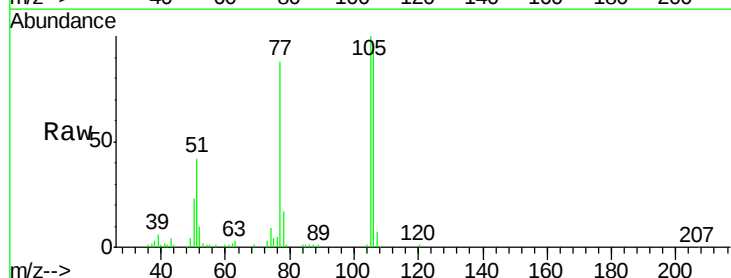
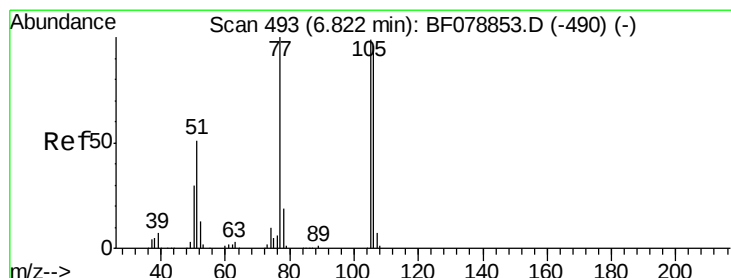
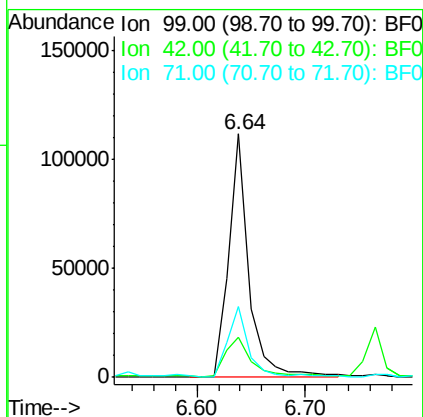
BNA_F

ClientSampleId :

FRACTANKSAMPLE1

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#9

Benzaldehyde

Concen: 26.28 ng m

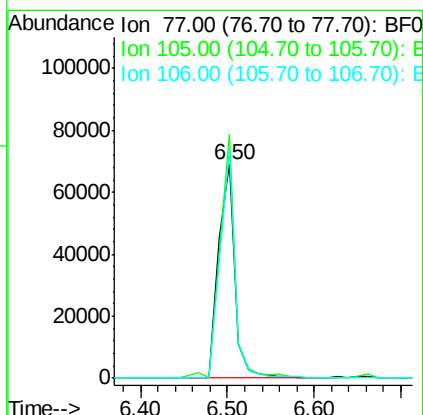
RT: 6.50 min Scan# 465

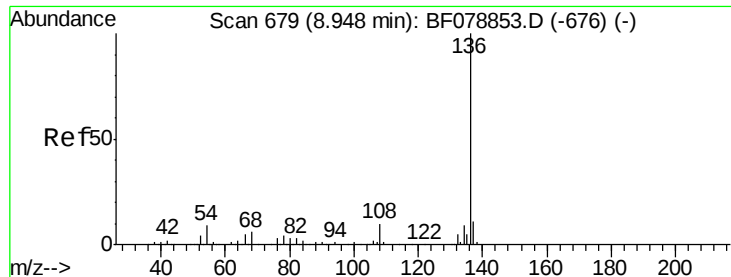
Delta R.T. 0.00 min

Lab File: BF079440.D

Acq: 22 May 2015 18:34

Tgt Ion:	77	Resp:	90268
Ion Ratio	Lower	Upper	
77	100		
105	113.9	78.9	118.9
106	106.7	75.8	115.8





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.63 min Scan# 651

Delta R.T. 0.00 min

Lab File: BF079440.D

Acq: 22 May 2015 18:34

Instrument :

BNA_F

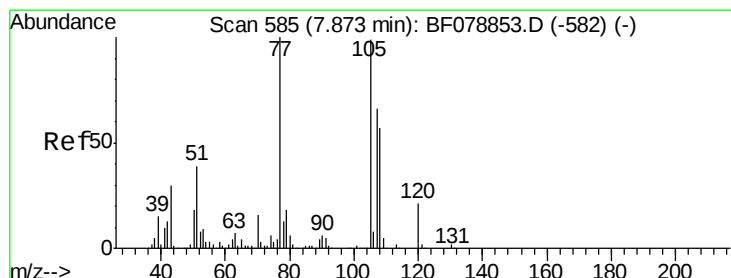
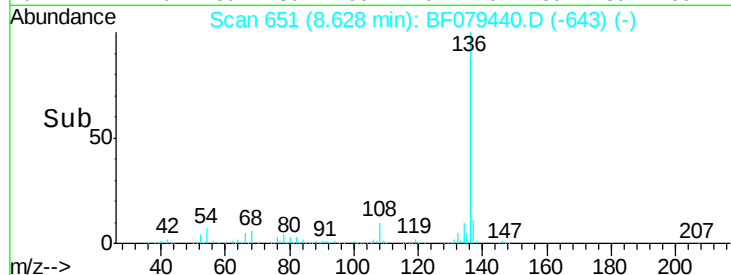
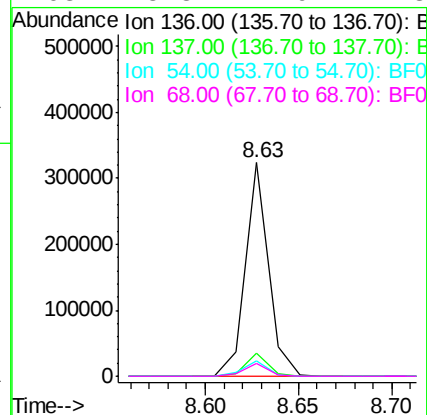
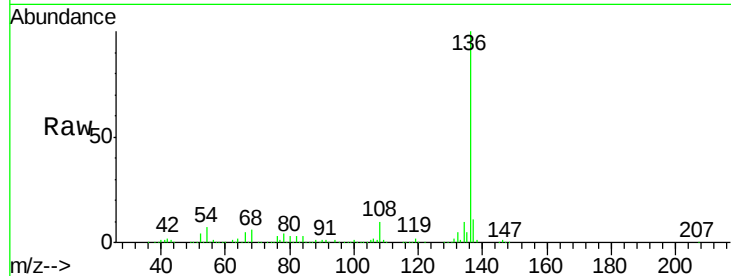
ClientSampleId :

FRACTANKSAMPLE1

Tot Ion	Ratio	Resp	Lower	Upper
136	100	281485		
137	10.6		8.8	13.2
54	7.2		6.9	10.3
68	5.8		4.9	7.3

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#22

Acetophenone

Concen: 21.79 ng

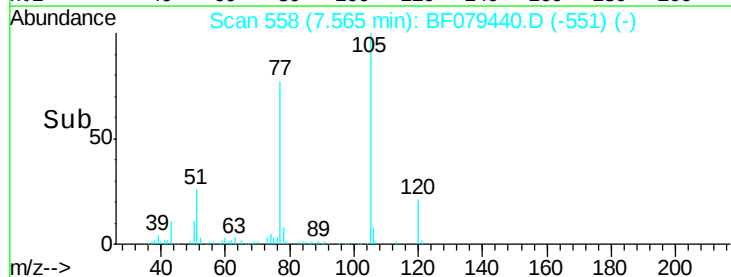
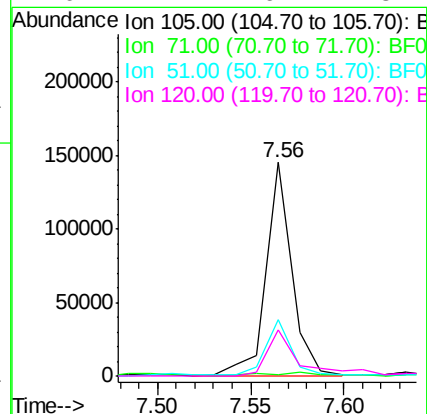
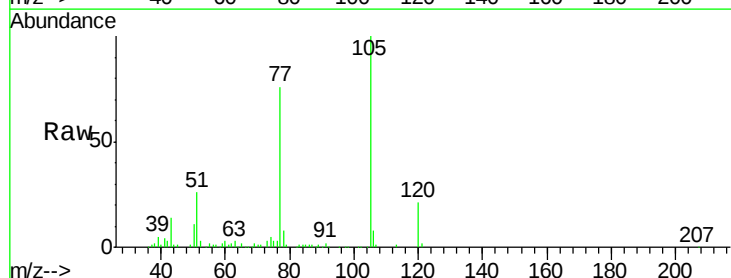
RT: 7.56 min Scan# 558

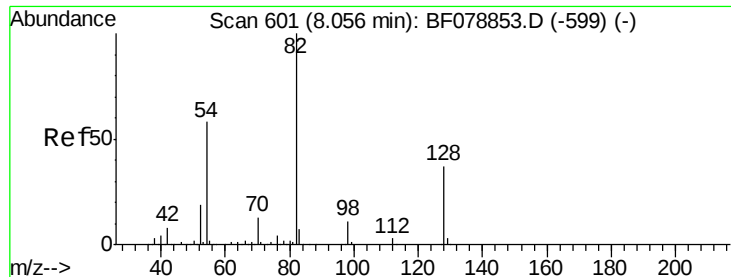
Delta R.T. 0.00 min

Lab File: BF079440.D

Acq: 22 May 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	138601		
71	0.6		2.2	3.4#
51	26.1		31.1	46.7#
120	21.4		16.7	25.1





#23

Nitrobenzene-d5

Concen: 107.17 ng

RT: 7.75 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF079440.D

Acq: 22 May 2015 18:34

Instrument :

BNA_F

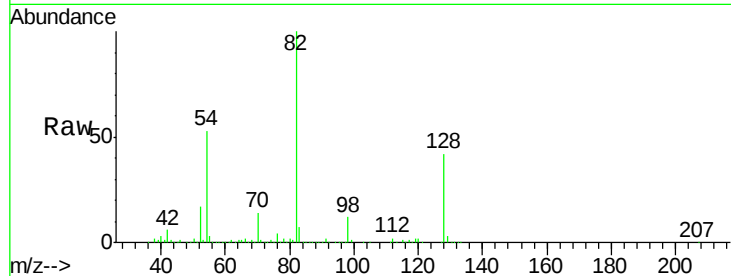
ClientSampleId :

FRACTANKSAMPLE1

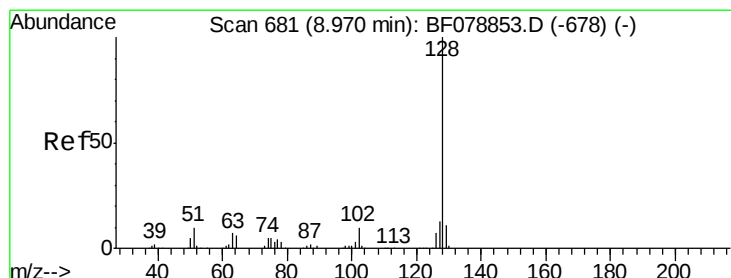
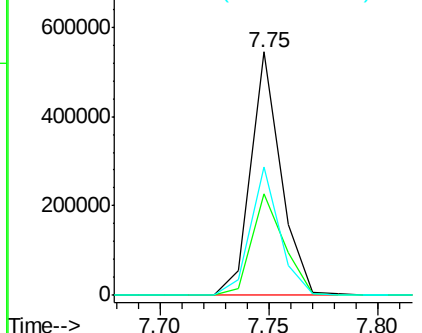
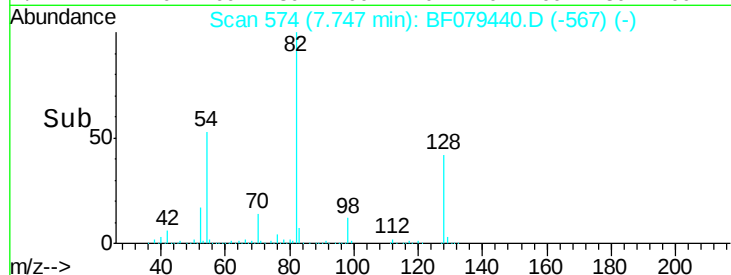
Tot Ion:	82	Resp:	524889
Ion Ratio	Lower	Upper	
82	100		
128	41.8	29.7	44.5
54	52.7	46.2	69.4

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Abundance Ion 82.00 (81.70 to 82.70): BF079440.D (-567) (-)



#31

Naphthalene

Concen: 5.52 ng

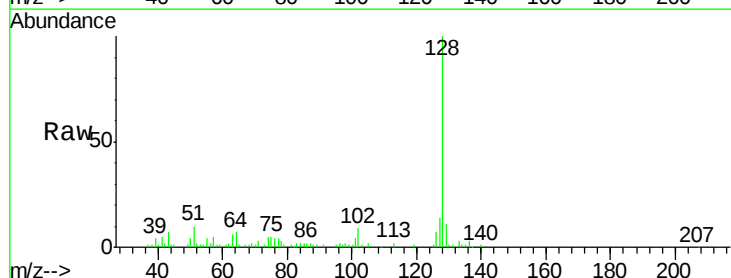
RT: 8.65 min Scan# 653

Delta R.T. 0.00 min

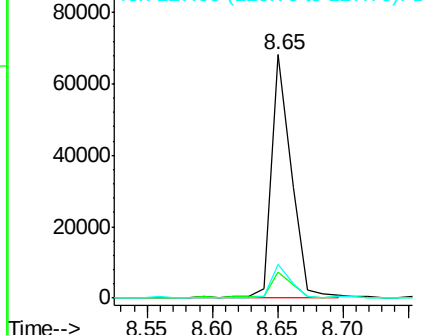
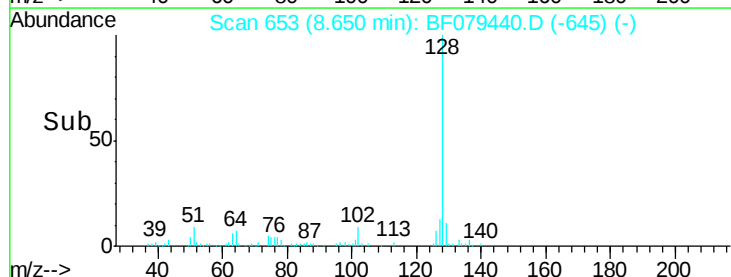
Lab File: BF079440.D

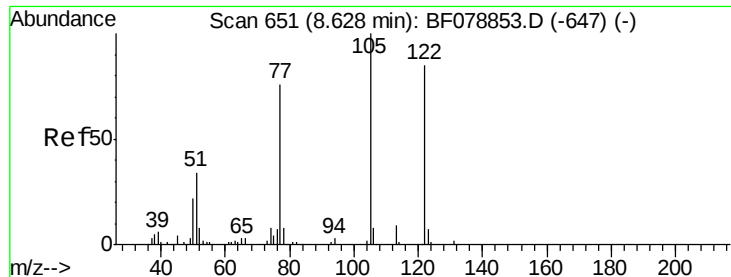
Acq: 22 May 2015 18:34

Tgt Ion:	128	Resp:	74073
Ion Ratio	Lower	Upper	
128	100		
129	10.9	9.2	13.8
127	13.6	10.3	15.5



Abundance Ion 128.00 (127.70 to 128.70): BF079440.D (-645) (-)





#32

Benzoic acid

Concen: 17.96 ng

RT: 8.35 min Scan# 627

Delta R.T. -0.02 min

Lab File: BF079440.D

Acq: 22 May 2015 18:34

Instrument :

BNA_F

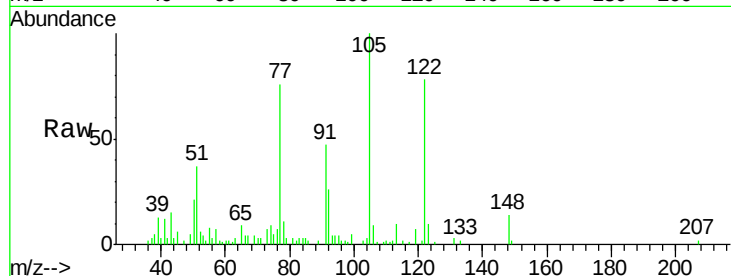
ClientSampleId :

FRACTANKSAMPLE1

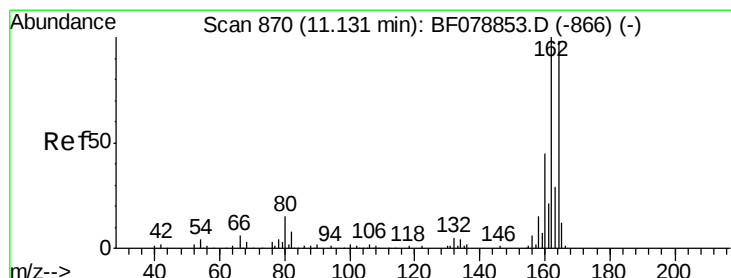
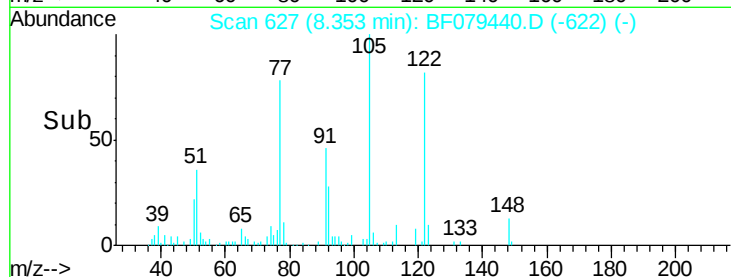
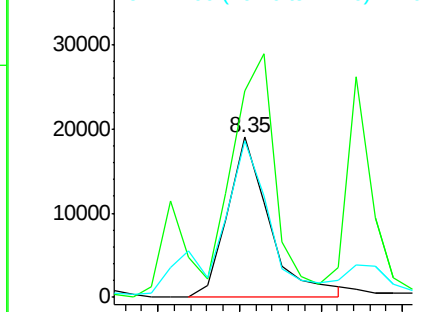
Tot Ion:	122	Resp:	33773
Ion Ratio	Lower	Upper	
122	100		
105	128.8	100.7	140.7
77	97.7	72.0	112.0

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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): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.80 min Scan# 841

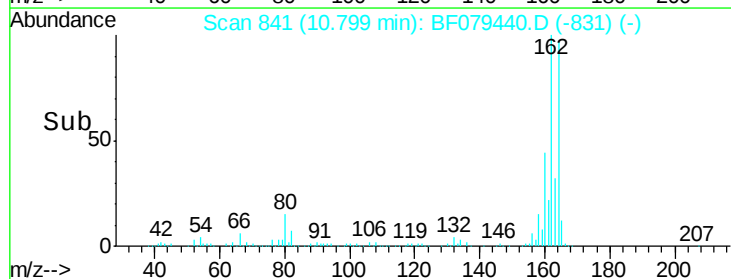
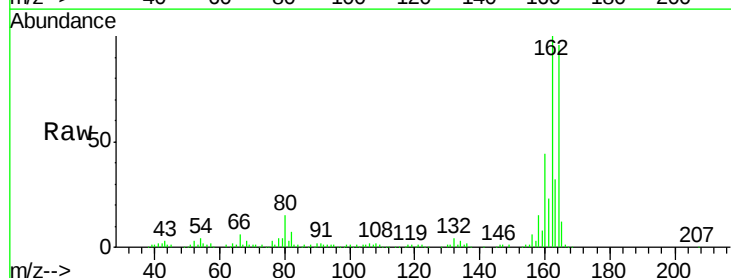
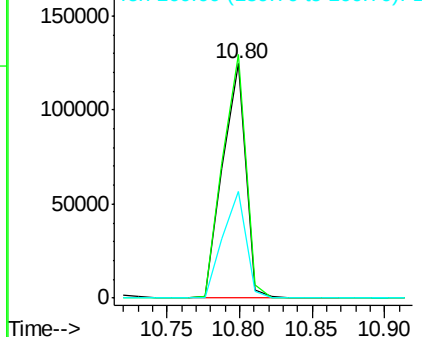
Delta R.T. 0.00 min

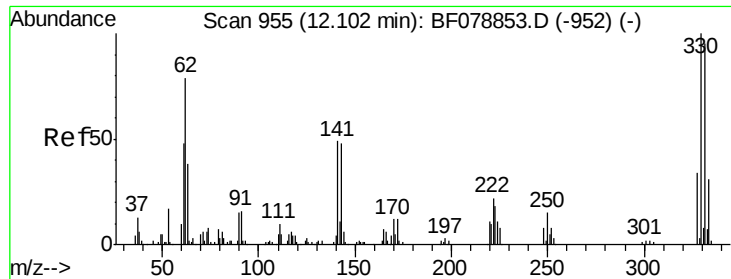
Lab File: BF079440.D

Acq: 22 May 2015 18:34

Tgt Ion:	164	Resp:	137168
Ion Ratio	Lower	Upper	
164	100		
162	103.9	81.4	122.0
160	45.8	36.6	54.8

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





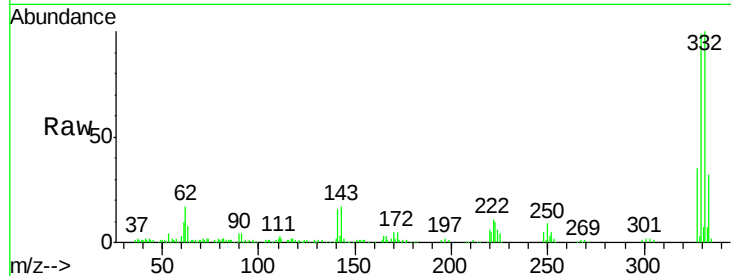
#41
 2,4,6-Tribromophenol
 Concen: 106.57 ng
 RT: 11.78 min Scan# 927
 Delta R.T. 0.00 min
 Lab File: BF079440.D
 Acq: 22 May 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 FRACTANKSAMPLE1

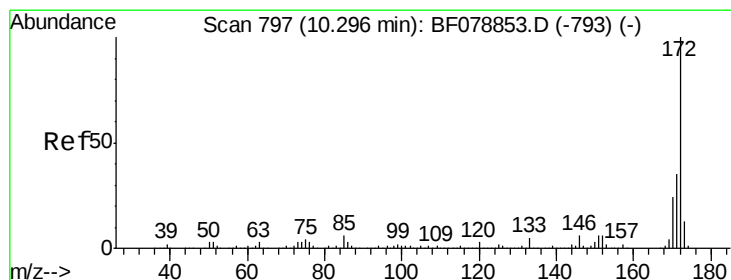
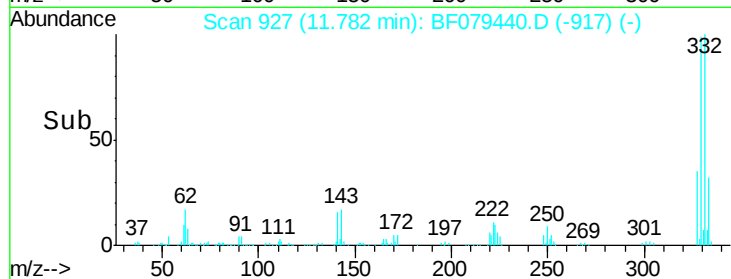
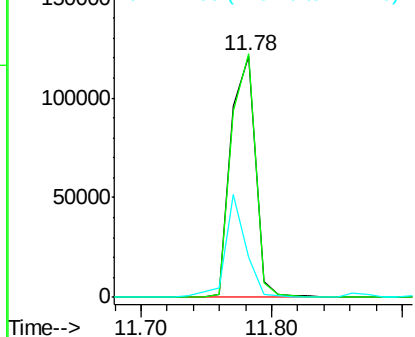
Tot Ion	Ratio	Resp	Lower	Upper
330	100	158139		
332	98.9	76.9	115.3	
141	36.2	27.8	41.8	

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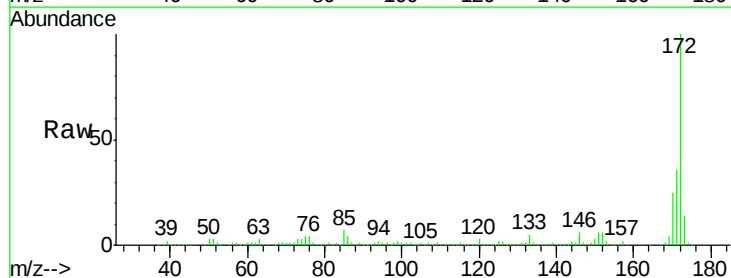


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

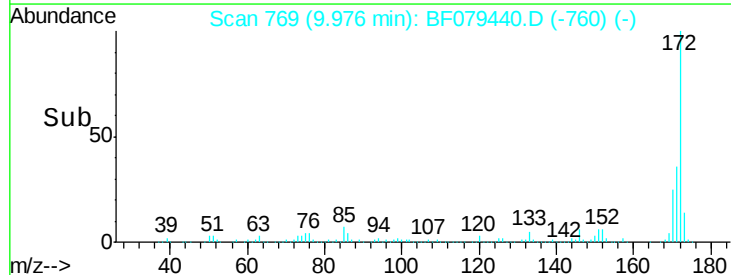
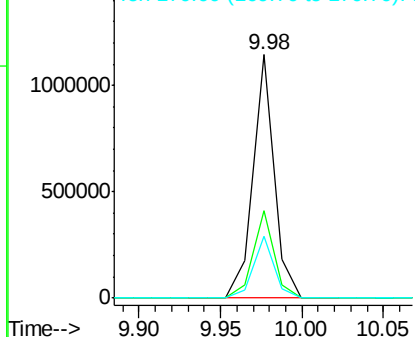


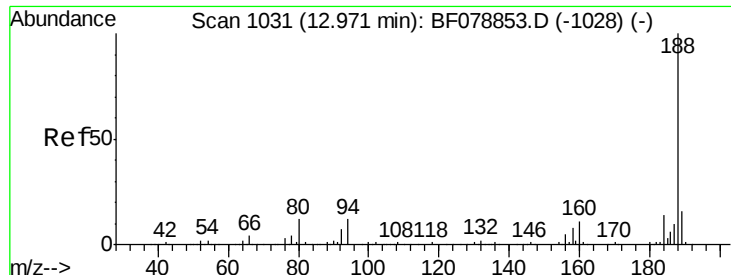
#44
 2-Fluorobiphenyl
 Concen: 104.93 ng
 RT: 9.98 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF079440.D
 Acq: 22 May 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1033085		
171	35.9	28.3	42.5	
170	25.2	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





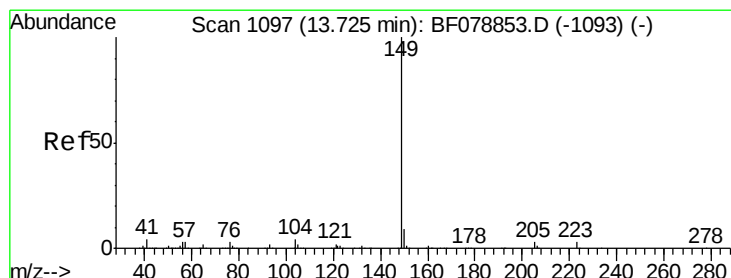
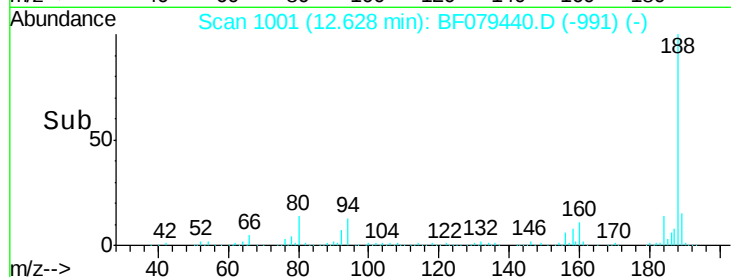
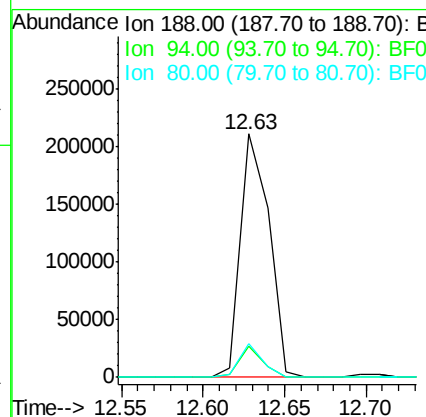
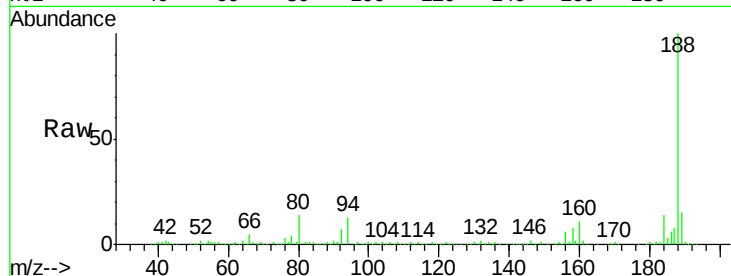
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.63 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF079440.D
Acq: 22 May 2015 18:34

Instrument :
BNA_F
ClientSampleId :
FRACTANKSAMPLE1

Tot Ion	Ratio	Resp	Lower	Upper
188	100	254320		
94	13.0		9.4	14.0
80	13.7		9.8	14.6

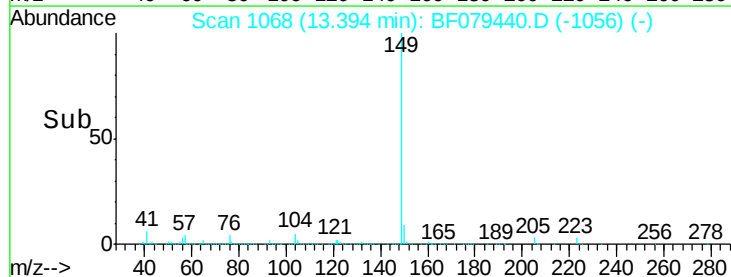
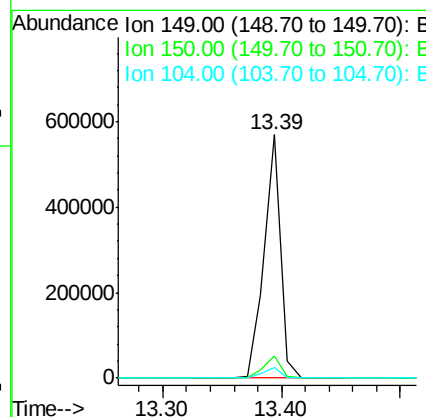
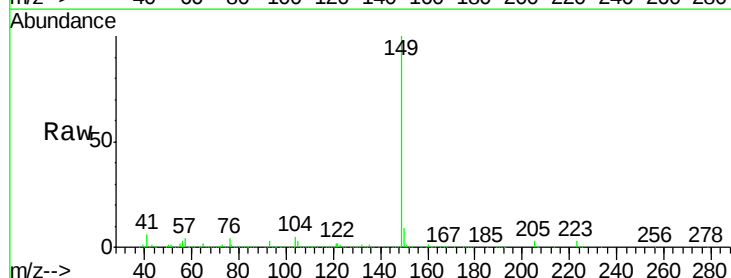
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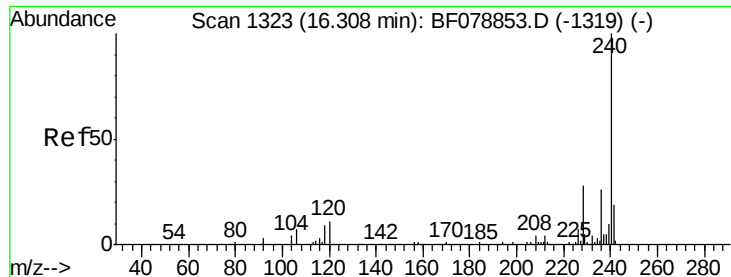
apatel
5/27/2015 8:16:02 AM



#73
Di-n-butylphthalate
Concen: 34.57 ng
RT: 13.39 min Scan# 1068
Delta R.T. 0.00 min
Lab File: BF079440.D
Acq: 22 May 2015 18:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	551590		
150	9.3		7.0	10.4
104	4.5		3.3	4.9





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.92 min Scan# 1289

Delta R.T. -0.05 min

Lab File: BF079440.D

Acq: 22 May 2015 18:34

Instrument :

BNA_F

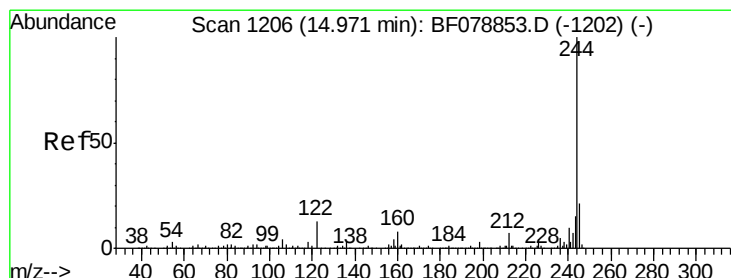
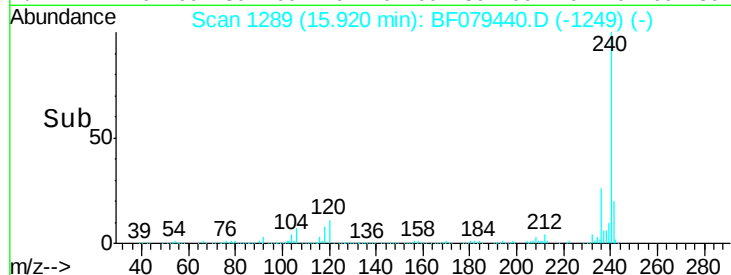
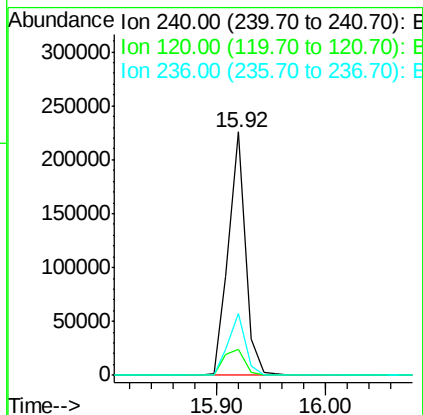
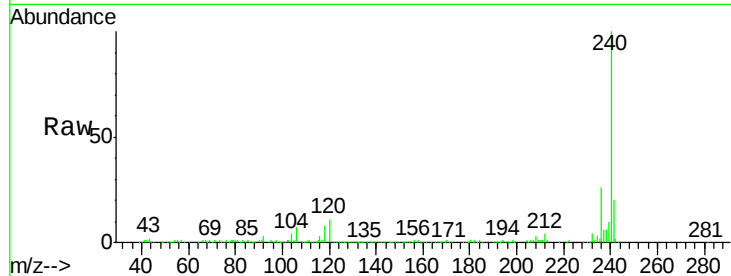
ClientSampleId :

FRACTANKSAMPLE1

Tot Ion:	240	Resp:	245692
Ion Ratio		Lower	Upper
240	100		
120	10.5	8.6	12.8
236	25.6	21.0	31.6

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#78

Terphenyl-d14

Concen: 106.42 ng

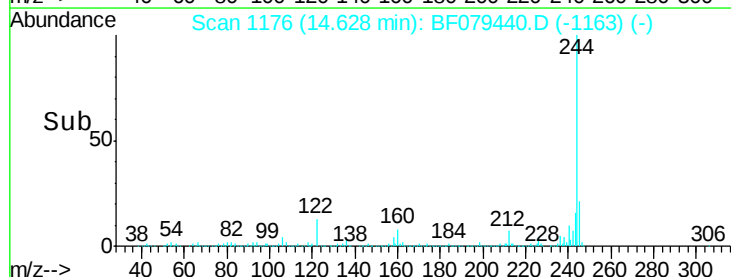
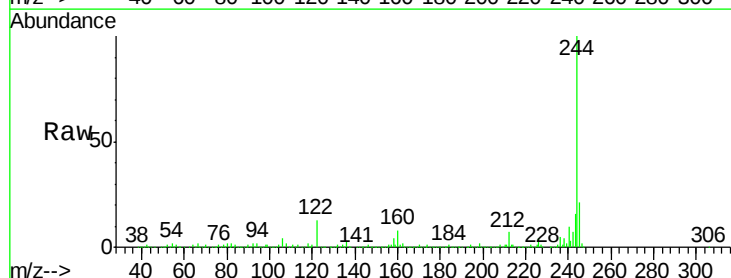
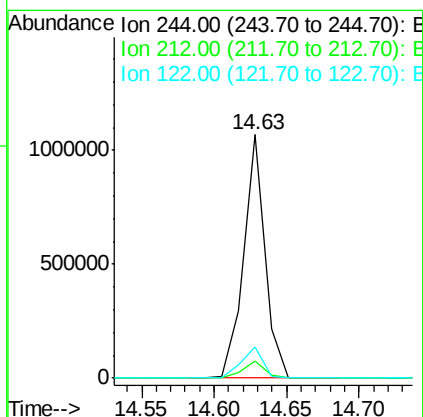
RT: 14.63 min Scan# 1176

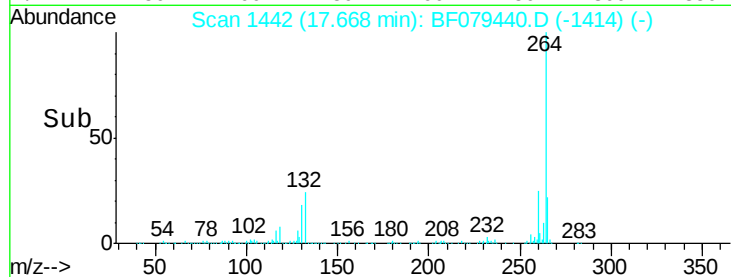
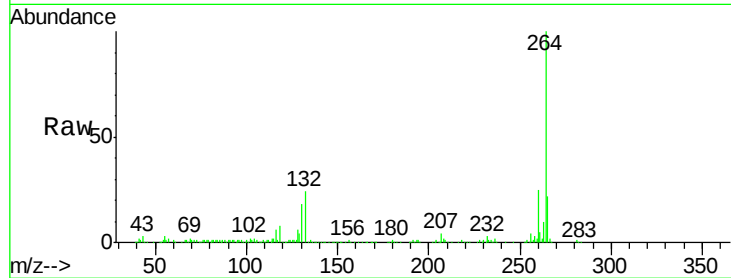
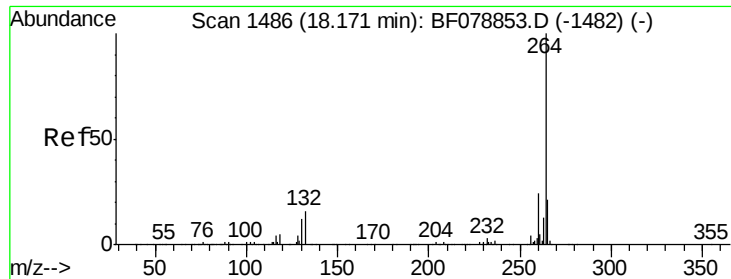
Delta R.T. 0.00 min

Lab File: BF079440.D

Acq: 22 May 2015 18:34

Tgt Ion:	244	Resp:	1092148
Ion Ratio		Lower	Upper
244	100		
212	7.0	5.6	8.4
122	12.6	10.5	15.7





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 17.67 min Scan# 1442
 Delta R.T. -0.18 min
 Lab File: BF079440.D
 Acq: 22 May 2015 18:34

Instrument :
 BNA_F
 ClientSampleId :
 FRACTANKSAMPLE1

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.9	19.2	28.8
265	21.6	17.2	25.8

Manual Integrations
 APPROVED

apatel
 5/27/2015 8:16:02 AM

