

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079596.D
 Acq On : 30 May 2015 10:25
 Operator : TP/IZ
 Sample : G2416-16
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.3(1)

Manual Integrations
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Quant Time: May 31 06:26:32 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 17:35:14 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	71224	20.00	ng	-0.01
21) Naphthalene-d8	8.52	136	284480	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	127282	20.00	ng	-0.01
63) Phenanthrene-d10	12.53	188	238209	20.00	ng	-0.01
75) Chrysene-d12	15.81	240	240329	20.00	ng	-0.03
86) Perylene-d12	17.59	264	253624	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	477337	116.24	ng	-0.01
7) Phenol-d6	6.55	99	617885	118.05	ng	-0.01
23) Nitrobenzene-d5	7.66	82	354848	72.10	ng	-0.01
41) 2,4,6-Tribromophenol	11.67	330	164515	117.68	ng	-0.02
44) 2-Fluorobiphenyl	9.87	172	682247	76.47	ng	-0.01
78) Terphenyl-d14	14.51	244	725866	70.88	ng	-0.02
Target Compounds						
49) Dimethylphthalate	10.39	163	119716	12.77	ng	99
70) Phenanthrene	12.55	178	26344	2.02	ng	98
74) Fluoranthene	14.02	202	68125	4.86	ng	97
77) Pyrene	14.30	202	66924	4.49	ng	97
80) Benzo(a)anthracene	15.79	228	46446m	3.36	ng	
82) Chrysene	15.84	228	38119	2.90	ng	97
87) Benzo(b)fluoranthene	17.13	252	60881m	4.21	ng	

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

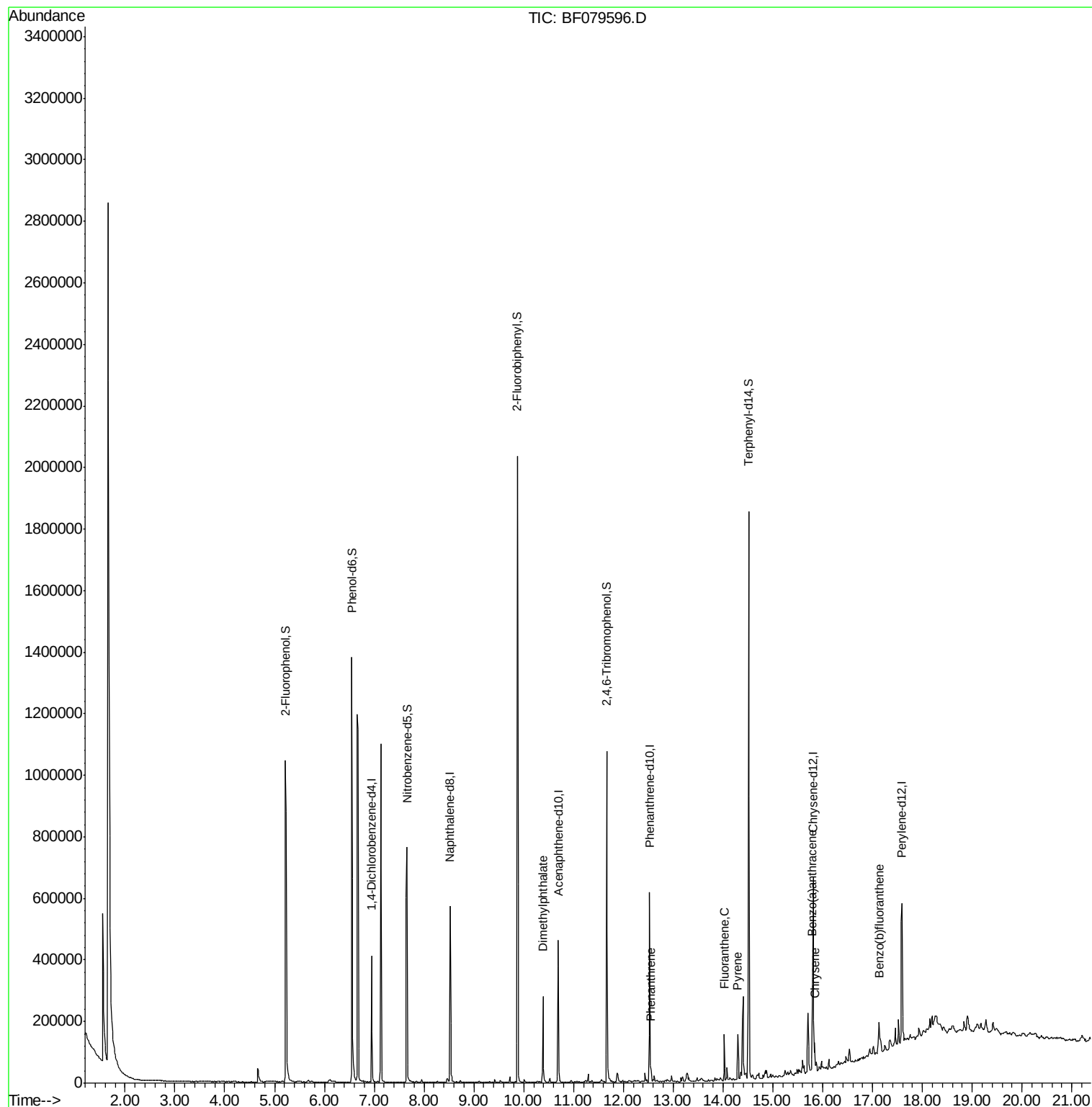
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079596.D
Acq On : 30 May 2015 10:25
Operator : TP/IZ
Sample : G2416-16
Misc :
ALS Vial : 36 Sample Multiplier: 1

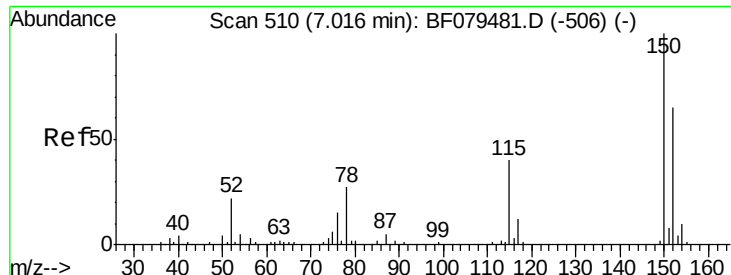
Instrument :
BNA_F
ClientSampleId :
RAMP440NB-TP5.3(1)

Manual Integrations
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Quant Time: May 31 06:26:32 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF052615.M
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QLast Update : Fri May 29 17:35:14 2015
Response via : Initial Calibration





#1

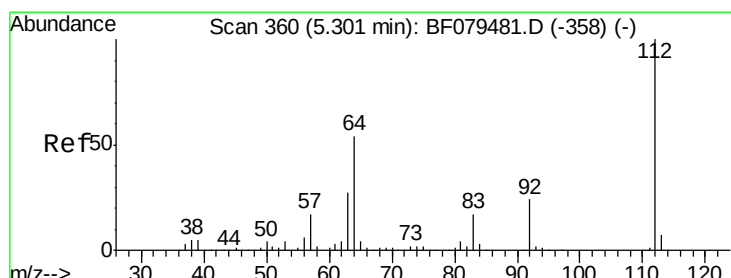
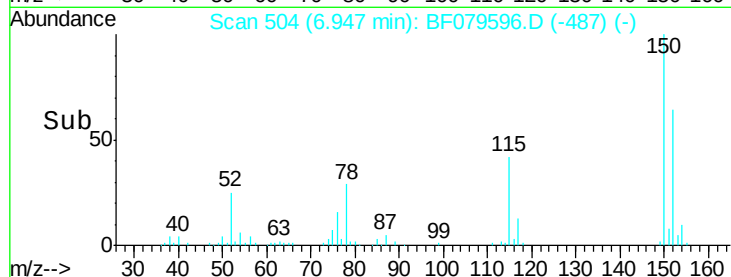
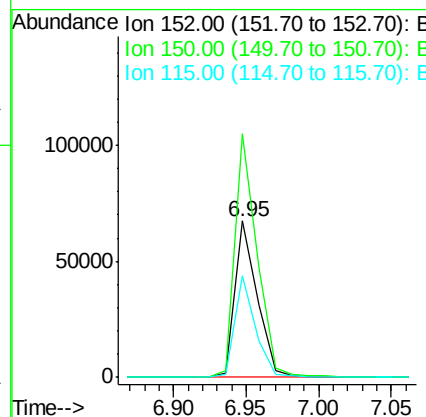
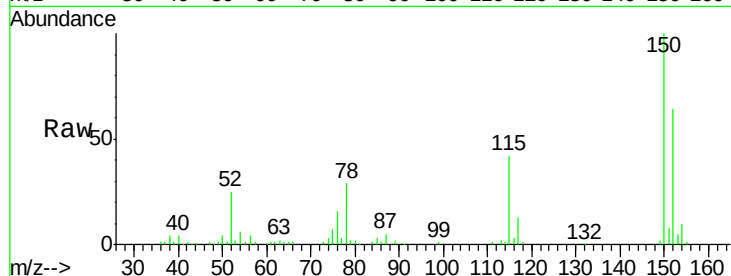
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF079596.D
Acq: 30 May 2015 10:25

Instrument :
BNA_F
ClientSampleId :
RAMP440NB-TP5.3(1)

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	124.0	186.0
115	64.7	49.6	74.4

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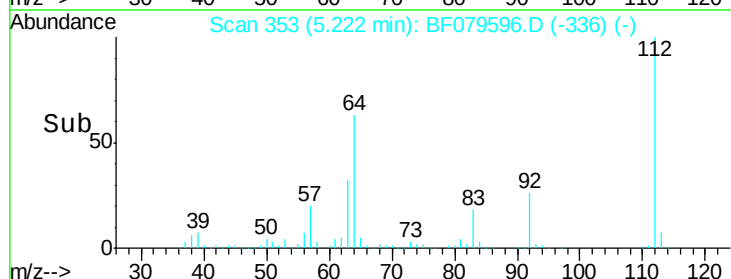
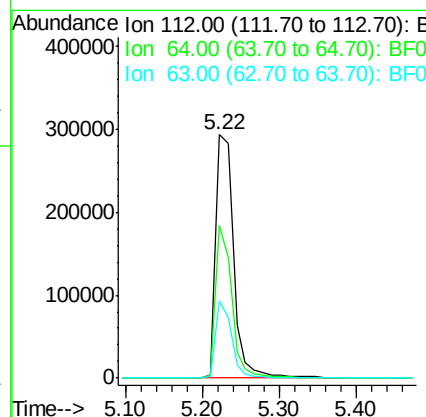
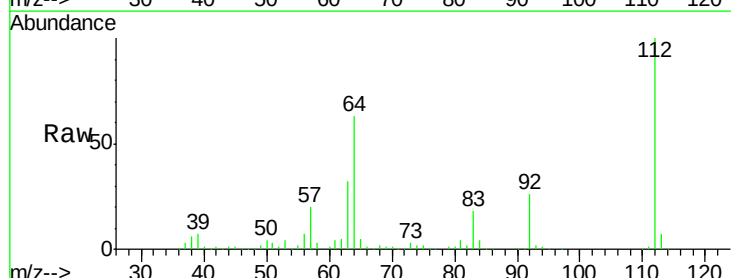
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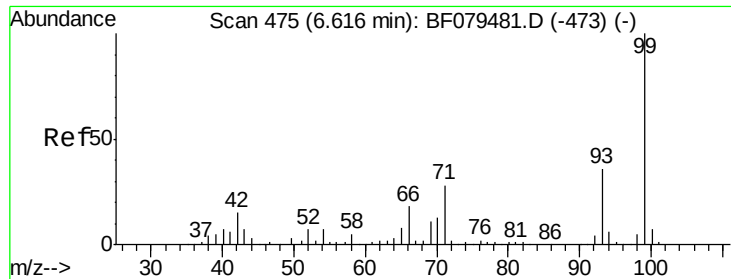


#5

2-Fluorophenol
Concen: 116.24 ng
RT: 5.22 min Scan# 353
Delta R.T. -0.01 min
Lab File: BF079596.D
Acq: 30 May 2015 10:25

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	43.5	65.3
63	31.7	21.8	32.8





#7

Phenol-d6

Concen: 118.05 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF079596.D

Acq: 30 May 2015 10:25

Instrument :

BNA_F

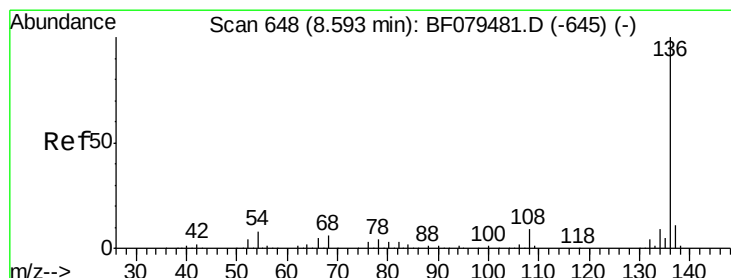
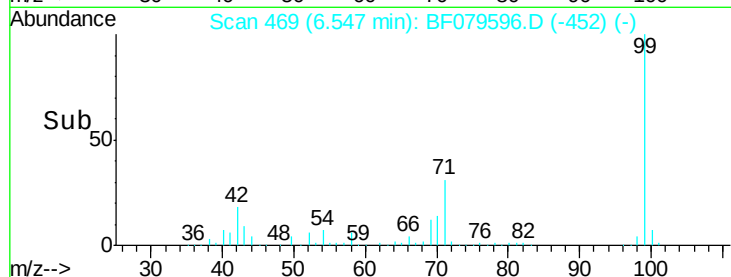
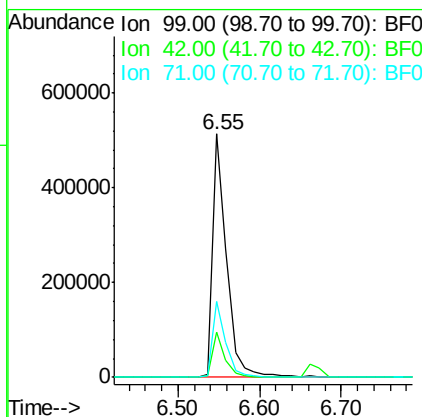
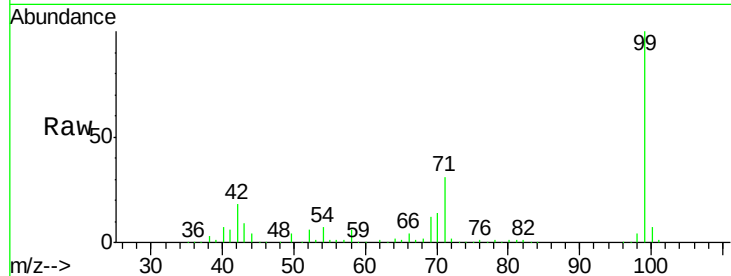
ClientSampleId :

RAMP440NB-TP5.3(1)

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		617885		
42	18.3	11.9	17.9#		
71	31.4	22.1	33.1		

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#21

Naphthalene-d8

Concen: 20.00 ng

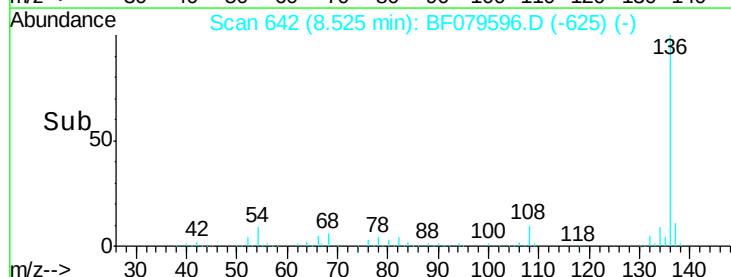
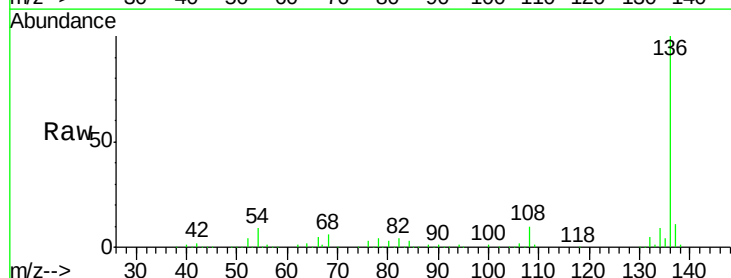
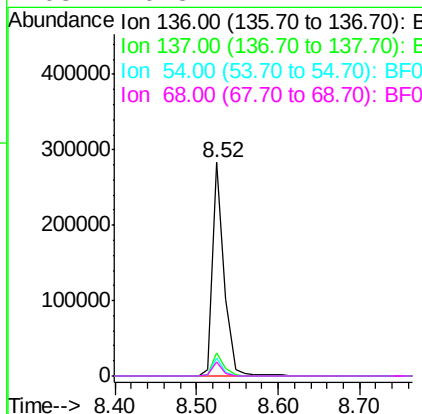
RT: 8.52 min Scan# 642

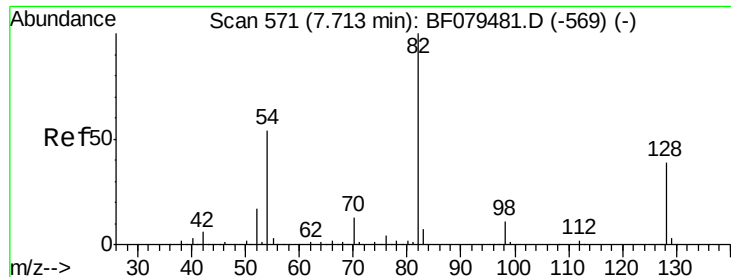
Delta R.T. -0.01 min

Lab File: BF079596.D

Acq: 30 May 2015 10:25

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		284480		
137	10.9	8.5	12.7		
54	8.7	6.6	9.8		
68	6.3	4.7	7.1		





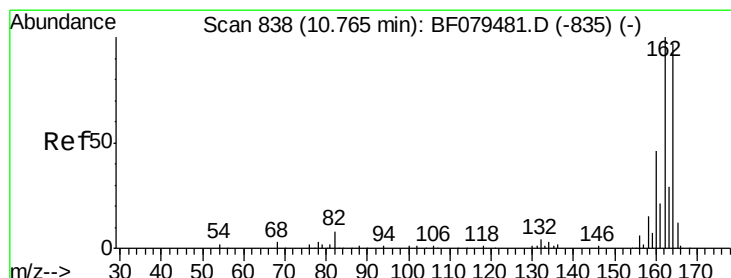
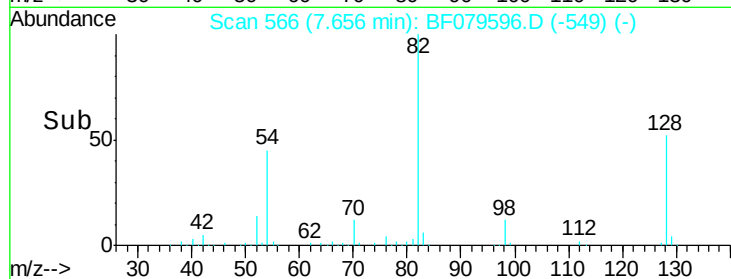
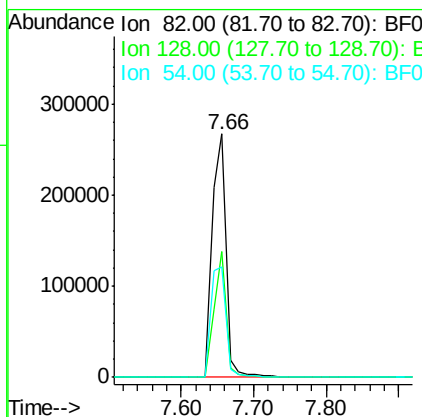
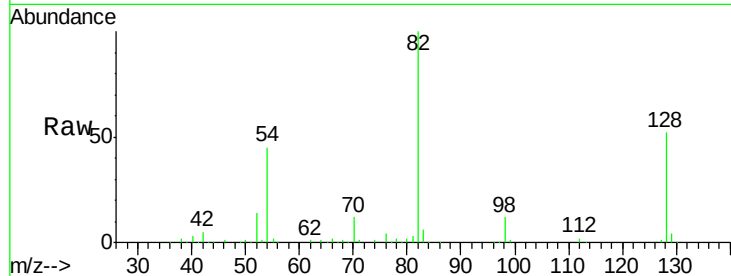
#23
 Nitrobenzene-d5
 Concen: 72.10 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF079596.D
 Acq: 30 May 2015 10:25

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.3(1)

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.7	30.8	46.2
54	45.5	42.8	64.2

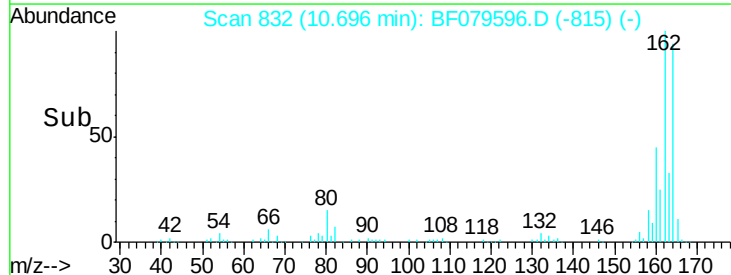
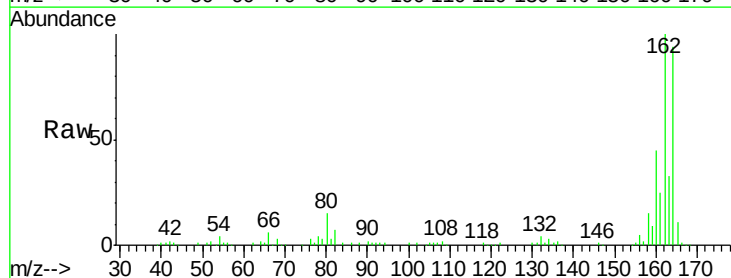
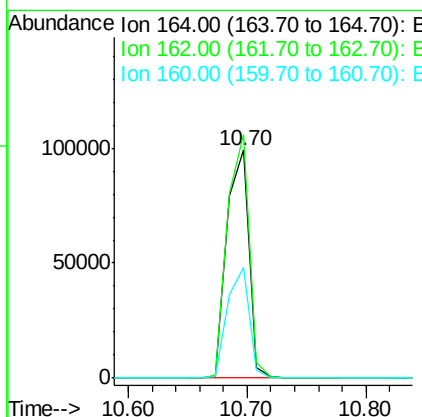
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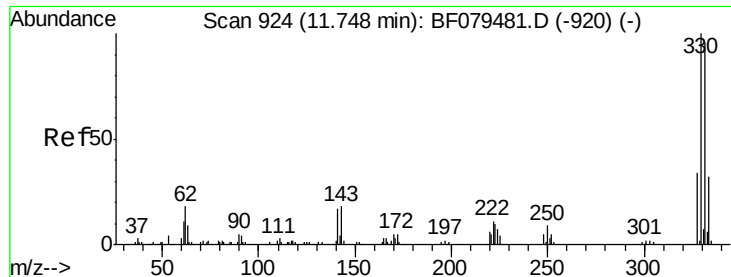
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF079596.D
 Acq: 30 May 2015 10:25

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	82.6	124.0
160	48.4	37.7	56.5





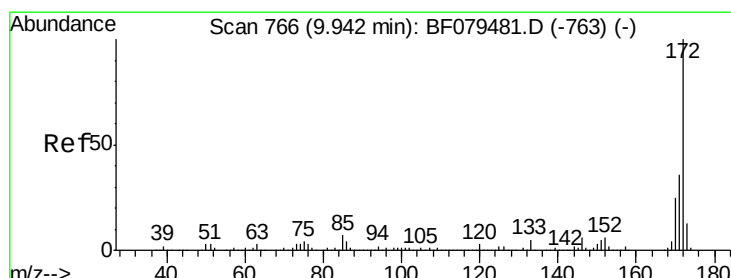
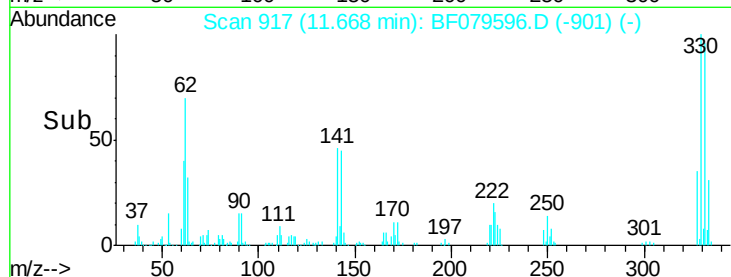
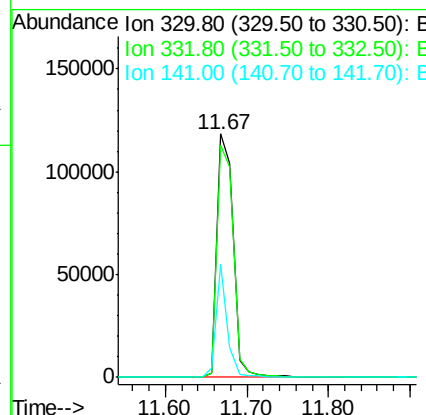
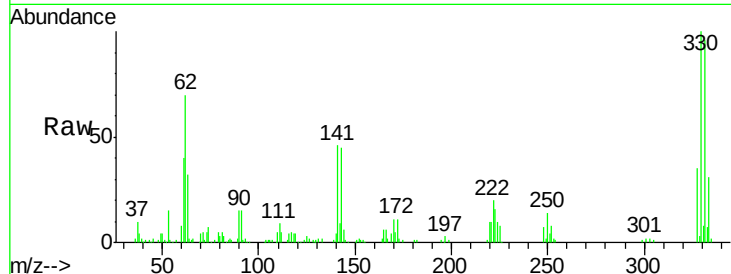
#41
 2,4,6-Tribromophenol
 Concen: 117.68 ng
 RT: 11.67 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF079596.D
 Acq: 30 May 2015 10:25

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.3(1)

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	97.1	0.0	0.0#
141	32.1	0.0	0.0#

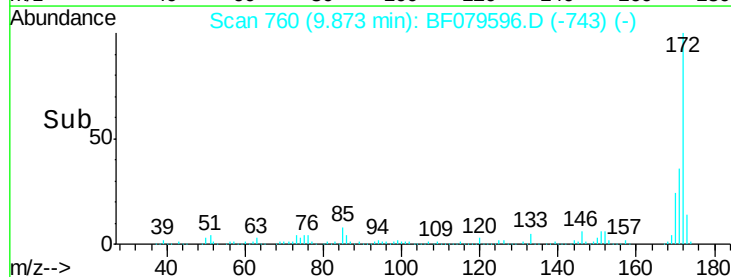
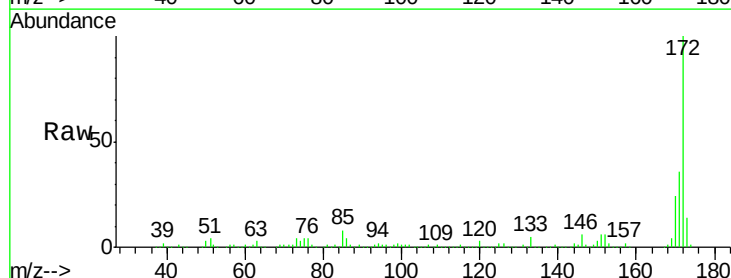
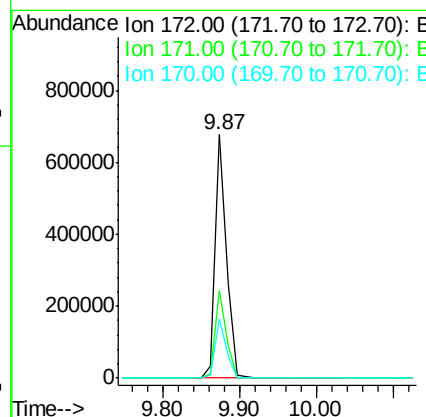
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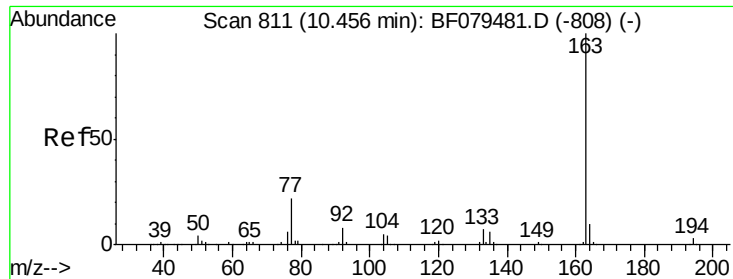
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#44
 2-Fluorobiphenyl
 Concen: 76.47 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079596.D
 Acq: 30 May 2015 10:25

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.8	28.5	42.7
170	24.3	19.7	29.5





#49

Dimethylphthalate

Concen: 12.77 ng

RT: 10.39 min Scan# 805

Delta R.T. -0.02 min

Lab File: BF079596.D

Acq: 30 May 2015 10:25

Instrument :

BNA_F

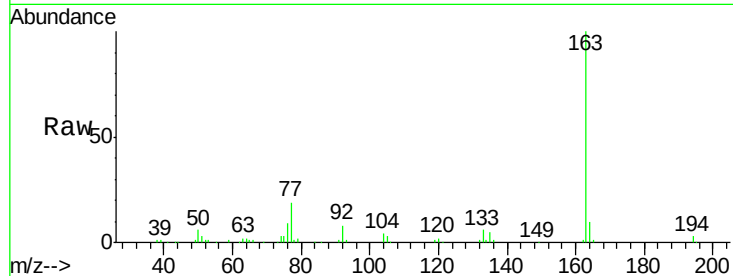
ClientSampleId :

RAMP440NB-TP5.3(1)

Tot Ion:	163	Resp:	119716
Ion Ratio	Lower	Upper	
163	100		
194	2.9	2.4	3.6
164	9.7	8.2	12.4

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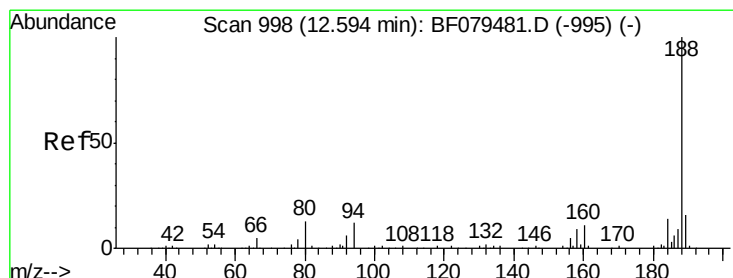
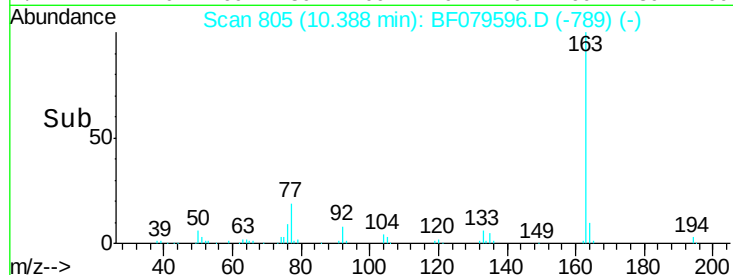
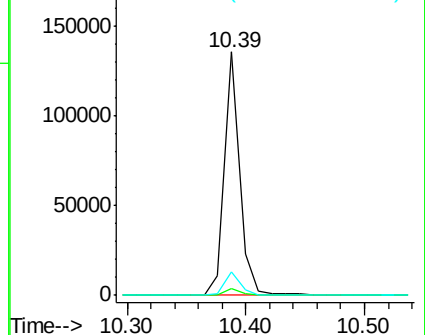
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Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

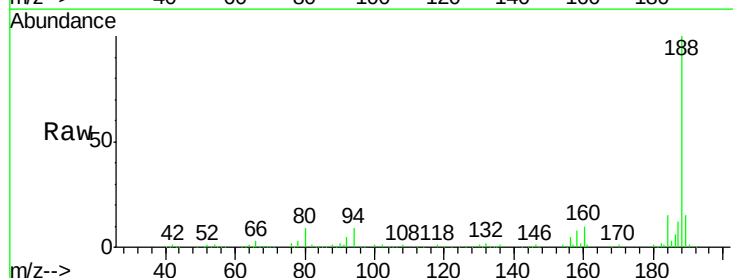
RT: 12.53 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF079596.D

Acq: 30 May 2015 10:25

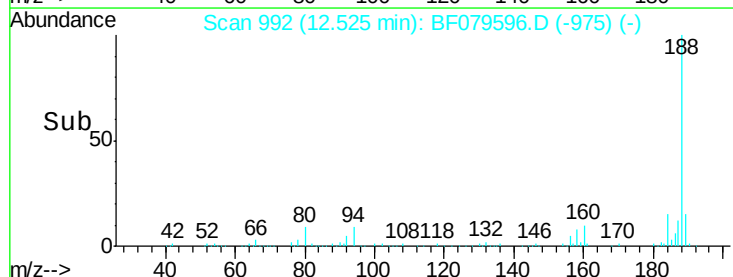
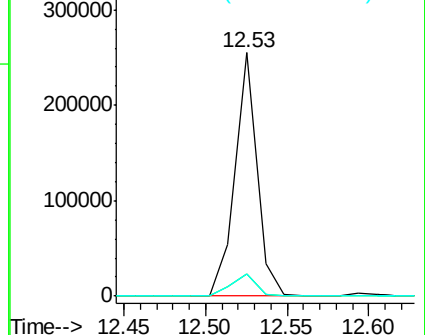
Tgt Ion:	188	Resp:	238209
Ion Ratio	Lower	Upper	
188	100		
94	9.3	9.8	14.6#
80	9.3	10.5	15.7#

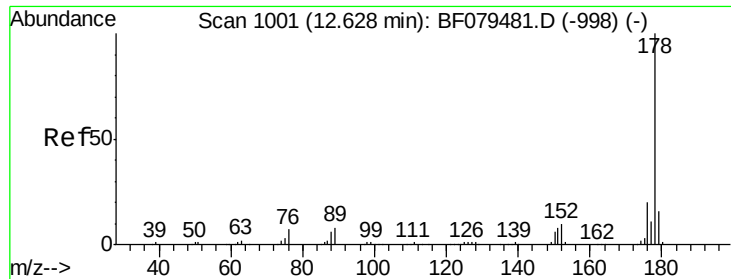


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





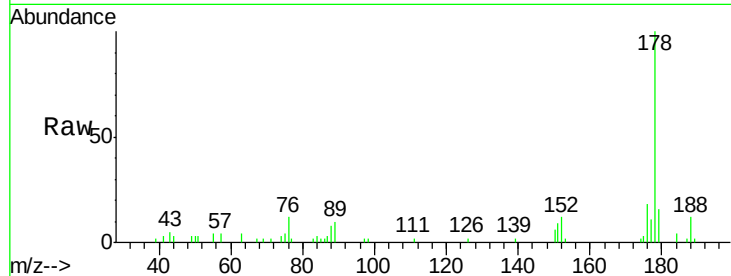
#70
 Phenanthrene
 Concen: 2.02 ng
 RT: 12.55 min Scan# 994
 Delta R.T. -0.02 min
 Lab File: BF079596.D
 Acq: 30 May 2015 10:25

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.3(1)

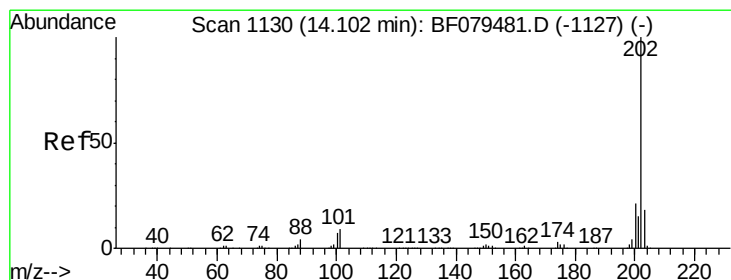
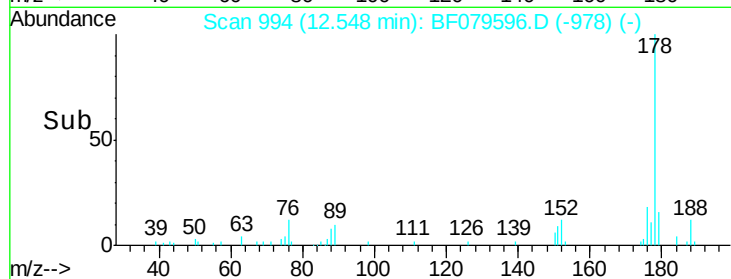
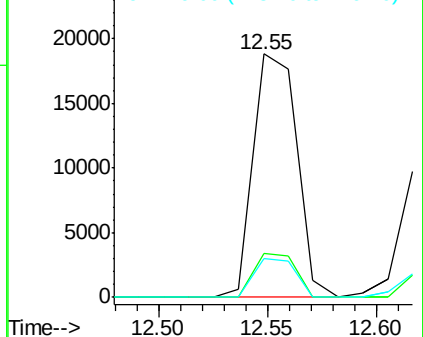
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.1	15.7	23.5
179	16.2	12.4	18.6

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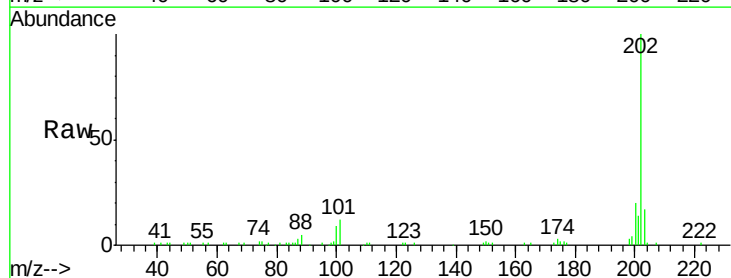


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E

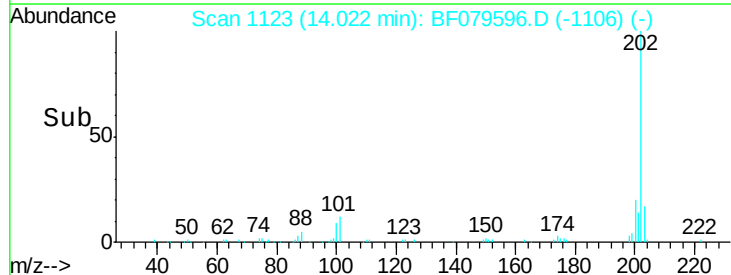
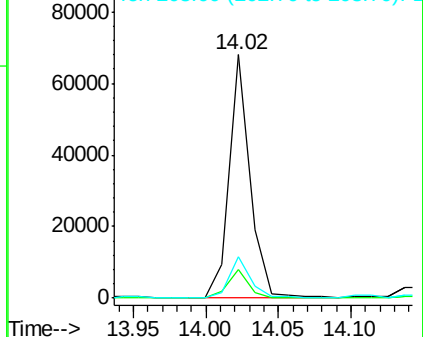


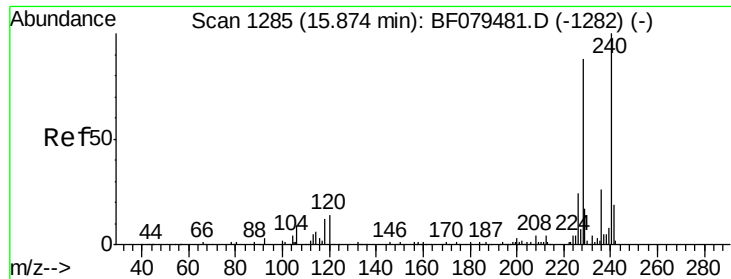
#74
 Fluoranthene
 Concen: 4.86 ng
 RT: 14.02 min Scan# 1123
 Delta R.T. -0.01 min
 Lab File: BF079596.D
 Acq: 30 May 2015 10:25

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	29.3
203	17.2	0.0	37.6



Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.81 min Scan# 1279

Delta R.T. -0.03 min

Lab File: BF079596.D

Acq: 30 May 2015 10:25

Instrument :

BNA_F

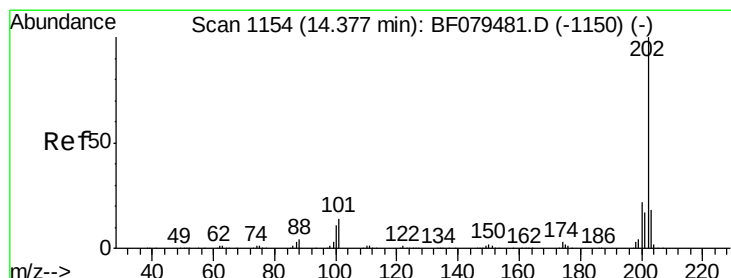
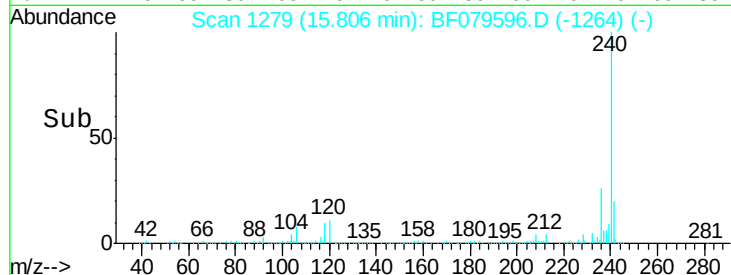
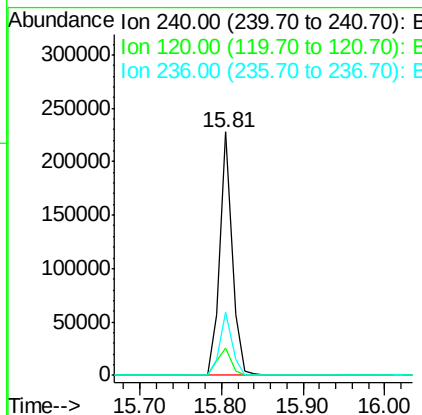
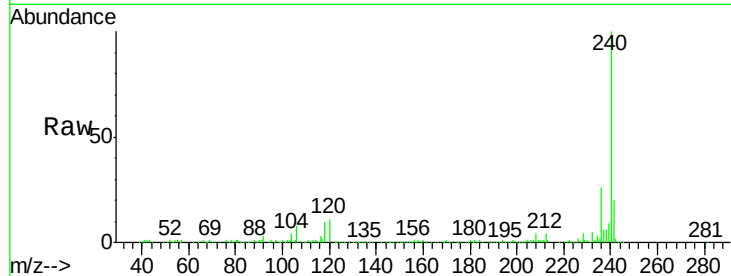
ClientSampleId :

RAMP440NB-TP5.3(1)

Tot Ion:	240	Resp:	240329
Ion Ratio	Lower	Upper	
240	100		
120	11.4	10.8	16.2
236	25.9	21.0	31.6

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#77

Pyrene

Concen: 4.49 ng

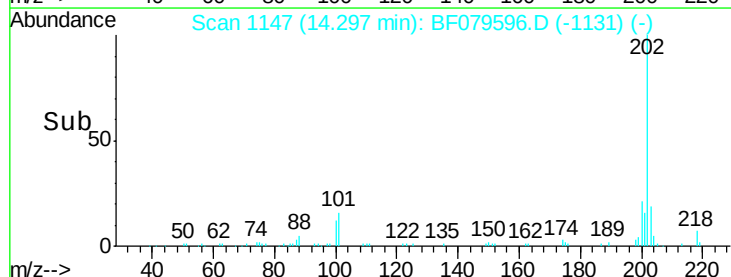
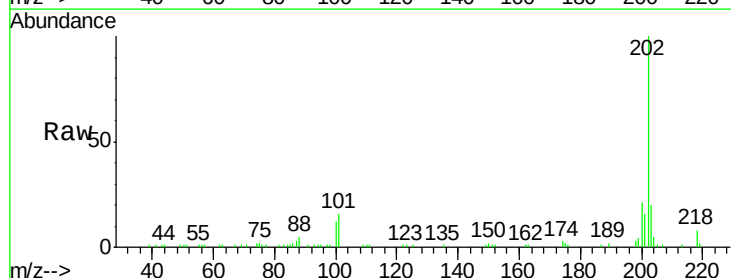
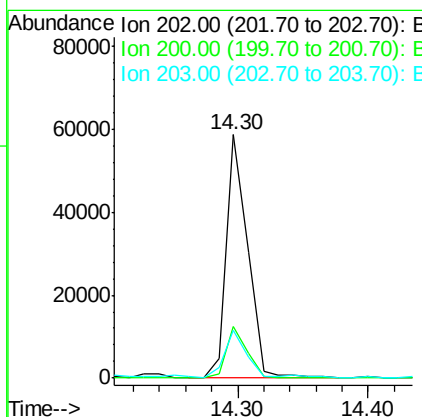
RT: 14.30 min Scan# 1147

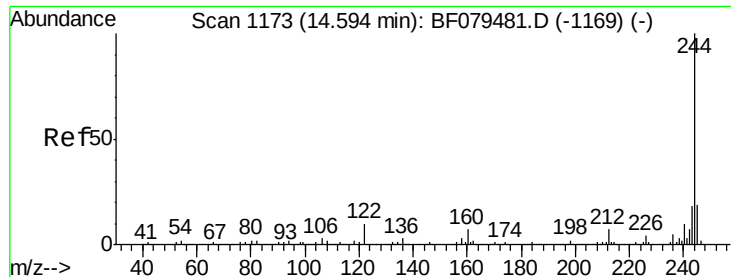
Delta R.T. -0.02 min

Lab File: BF079596.D

Acq: 30 May 2015 10:25

Tgt Ion:	202	Resp:	66924
Ion Ratio	Lower	Upper	
202	100		
200	21.0	17.5	26.3
203	19.6	14.4	21.6





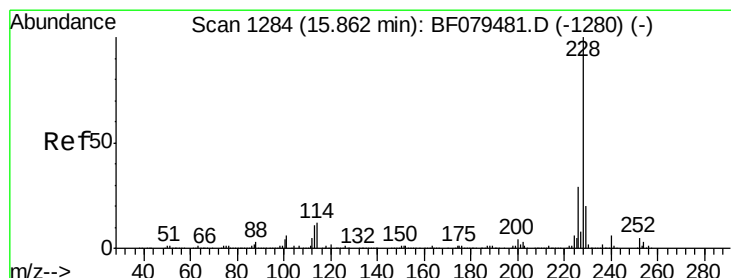
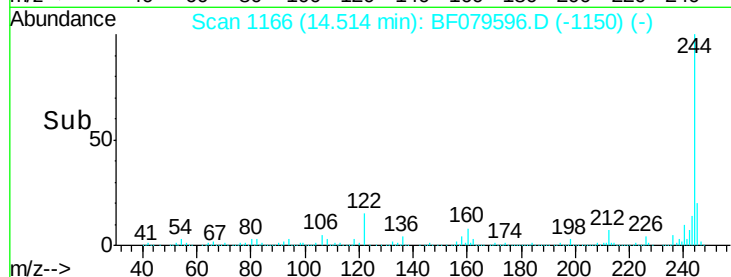
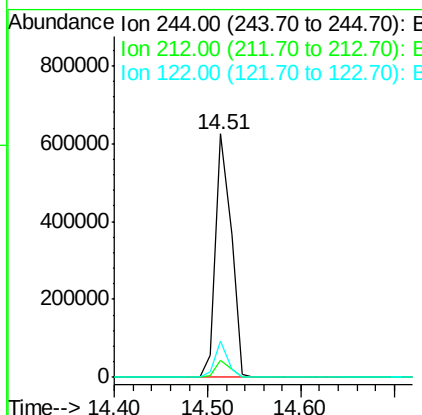
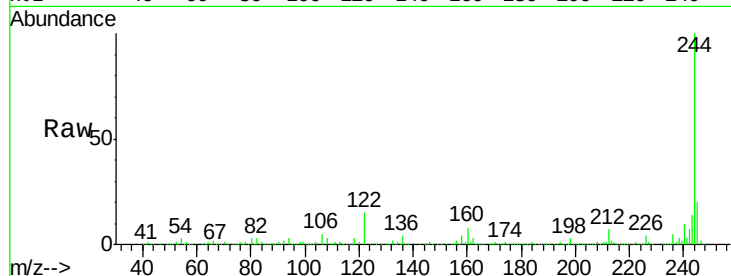
#78
 Terphenyl-d14
 Concen: 70.88 ng
 RT: 14.51 min Scan# 1166
 Delta R.T. -0.02 min
 Lab File: BF079596.D
 Acq: 30 May 2015 10:25

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.3(1)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.2	7.8
122	15.0	8.0	12.0

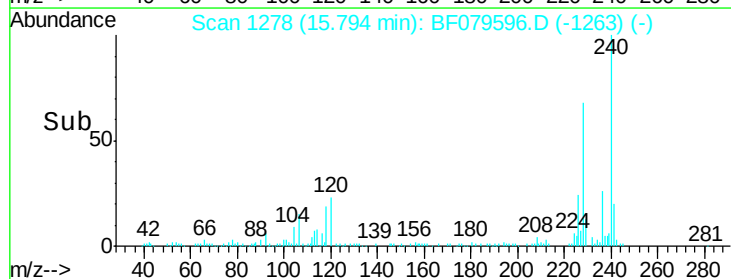
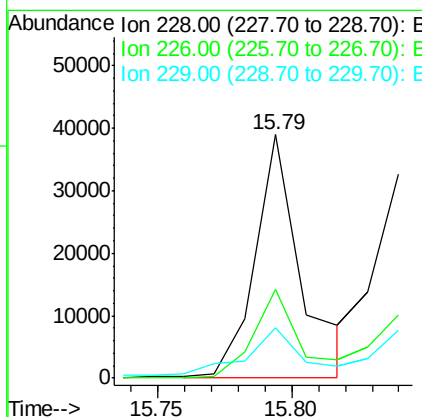
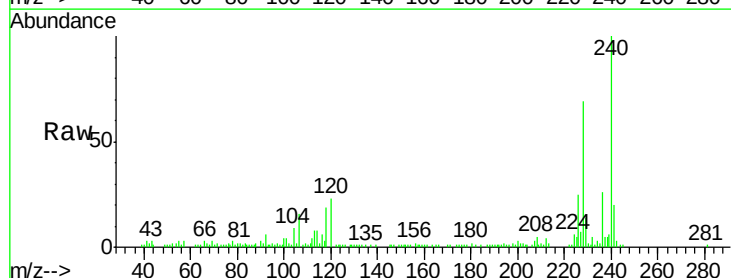
Manual Integrations
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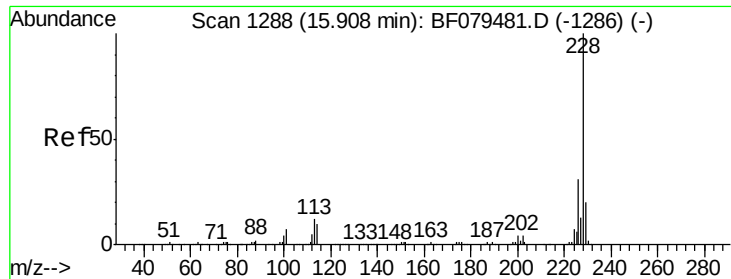
apatel
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#80
 Benzo(a)anthracene
 Concen: 3.36 ng m
 RT: 15.79 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BF079596.D
 Acq: 30 May 2015 10:25

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.7	22.8	34.2
229	20.6	15.9	23.9





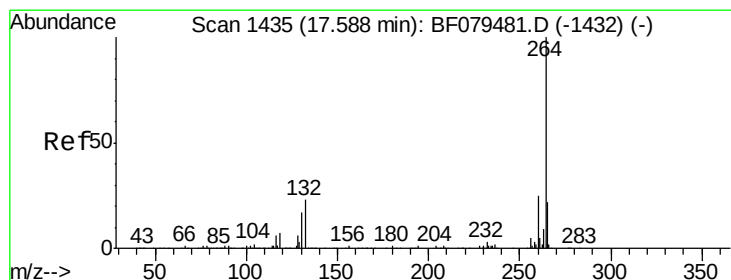
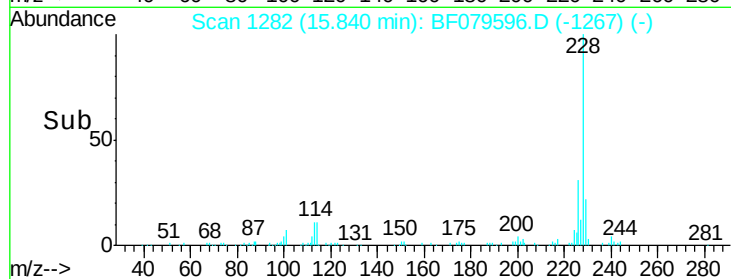
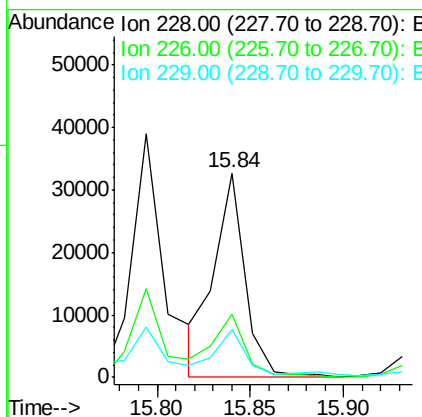
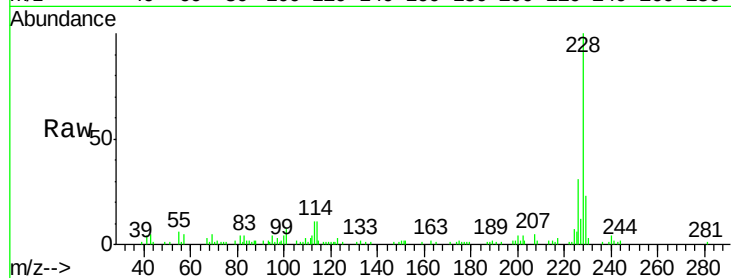
#82
Chrysene
Concen: 2.90 ng
RT: 15.84 min Scan# 1282
Delta R.T. -0.03 min
Lab File: BF079596.D
Acq: 30 May 2015 10:25

Instrument :
BNA_F
ClientSampleId :
RAMP440NB-TP5.3(1)

Tot Ion:	228	Resp:	38119
Ion Ratio		Lower	Upper
228	100		
226	30.6	25.0	37.4
229	23.1	15.9	23.9

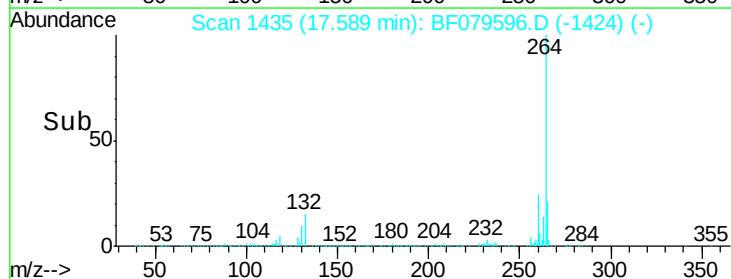
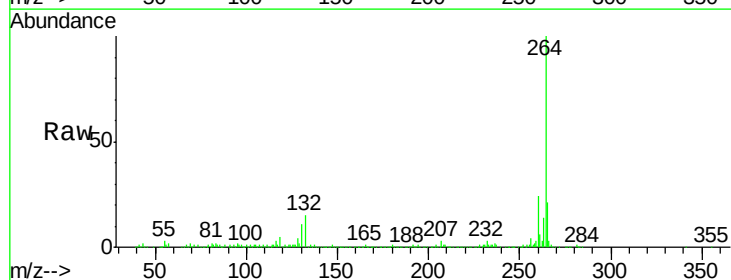
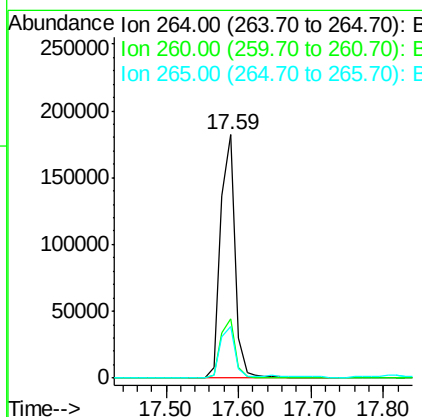
Manual Integrations
APPROVED

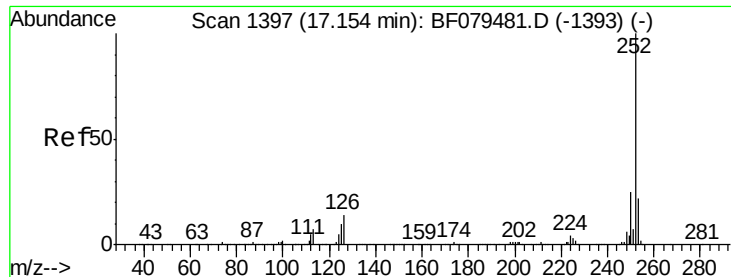
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.59 min Scan# 1435
Delta R.T. -0.08 min
Lab File: BF079596.D
Acq: 30 May 2015 10:25

Tgt Ion:	264	Resp:	253624
Ion Ratio		Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.4	17.8	26.6





#87
 Benzo(b)fluoranthene
 Concen: 4.21 ng m
 RT: 17.13 min Scan# 1395
 Delta R.T. -0.07 min
 Lab File: BF079596.D
 Acq: 30 May 2015 10:25

Instrument :
 BNA_F
 ClientSampleId :
 RAMP440NB-TP5.3(1)

Tot Ion:	252	Resp:	60881
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.6	26.4
125	12.0	7.8	11.6

Manual Integrations
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apatel
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