

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079603.D
 Acq On : 30 May 2015 15:20
 Operator : TP/IZ
 Sample : G2416-20
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.4(3)

Manual Integrations
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Quant Time: May 31 06:53:13 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	6.94	152	65756	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	276333	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	132215	20.00	ng	-0.03
63) Phenanthrene-d10	12.50	188	244150	20.00	ng	-0.03
75) Chrysene-d12	15.78	240	244822	20.00	ng	-0.06
86) Perylene-d12	17.52	264	256550	20.00	ng	-0.15
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	455846	120.24	ng	-0.02
7) Phenol-d6	6.54	99	591772	122.46	ng	-0.02
23) Nitrobenzene-d5	7.63	82	326977	68.40	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	163323	112.46	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	632836	68.29	ng	-0.02
78) Terphenyl-d14	14.50	244	584108	55.99	ng	-0.03
Target Compounds						Qvalue
31) Naphthalene	8.54	128	42378	3.20	ng	98
37) 2-Methylnaphthalene	9.39	142	23831	2.59	ng	94
49) Dimethylphthalate	10.38	163	174286	17.89	ng	99
70) Phenanthrene	12.54	178	34430	2.57	ng	98
74) Fluoranthene	14.01	202	35496	2.47	ng	97
77) Pyrene	14.29	202	34497	2.27	ng	97

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

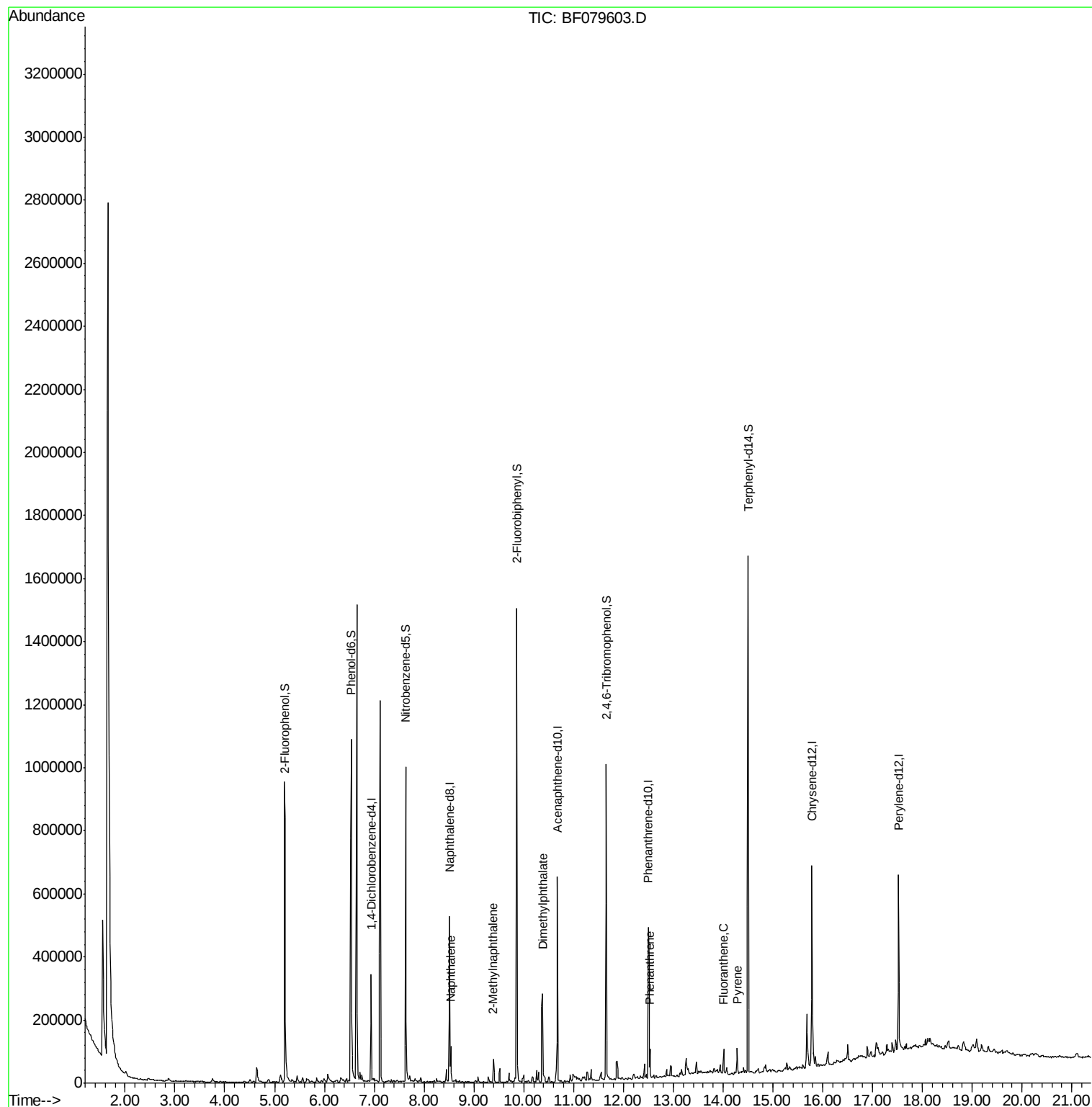
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
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Acq On : 30 May 2015 15:20
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PULASKIST7.4(3)

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#1

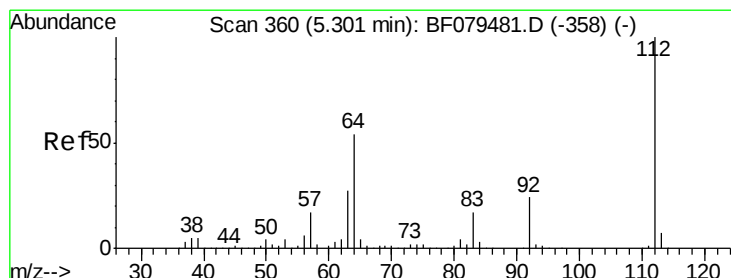
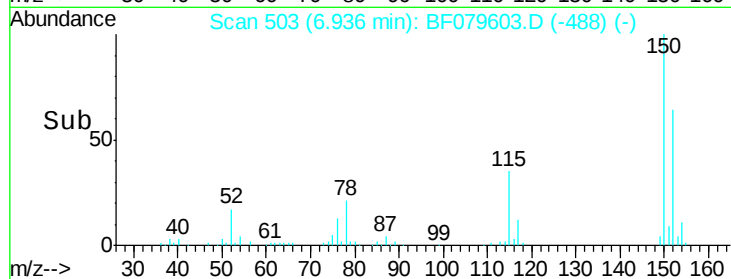
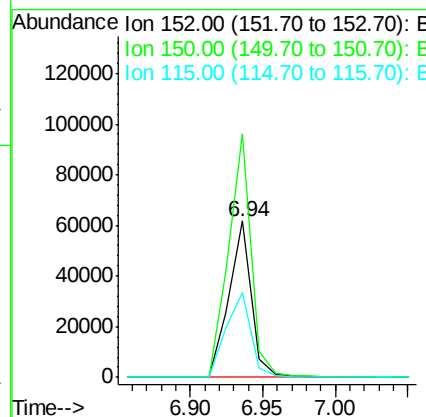
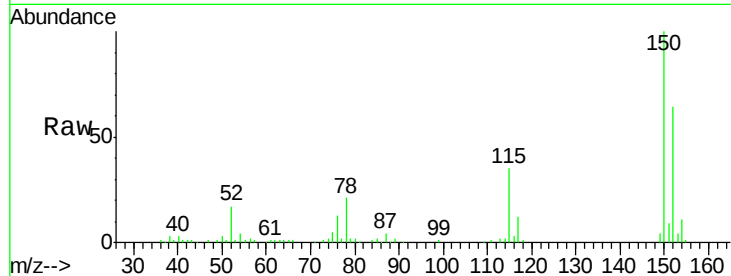
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF079603.D
Acq: 30 May 2015 15:20

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.4(3)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.0	186.0
115	54.6	49.6	74.4

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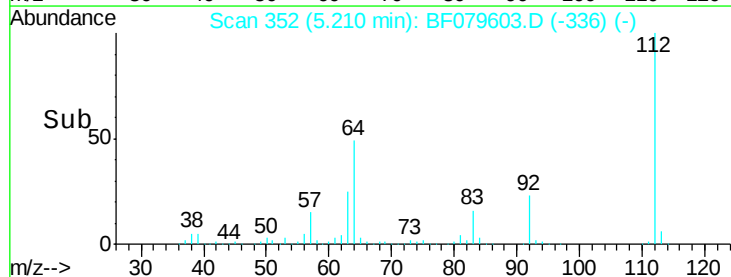
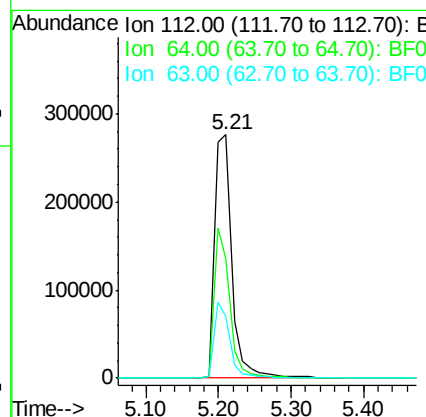
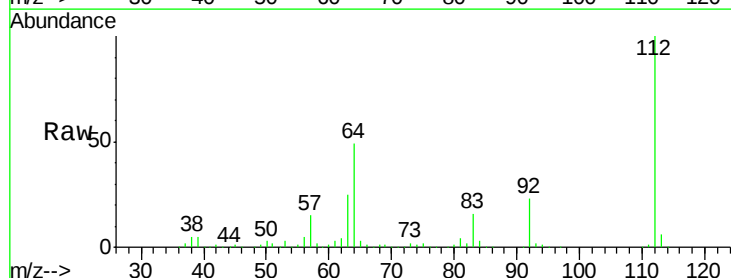
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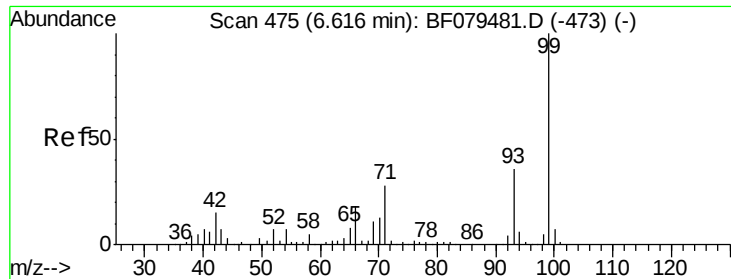


#5

2-Fluorophenol
Concen: 120.24 ng
RT: 5.21 min Scan# 352
Delta R.T. -0.02 min
Lab File: BF079603.D
Acq: 30 May 2015 15:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.2	43.5	65.3
63	25.3	21.8	32.8





#7

Phenol-d6

Concen: 122.46 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF079603.D

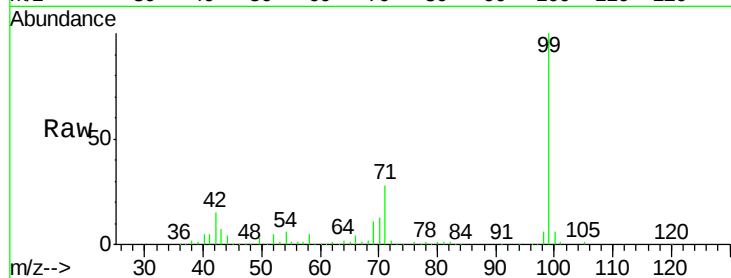
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Instrument :

BNA_F

ClientSampleId :

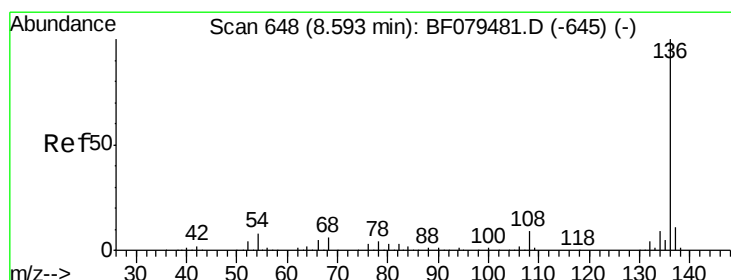
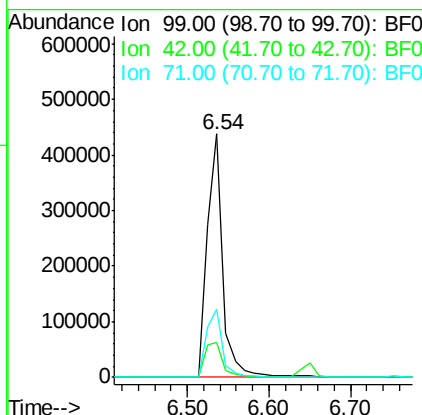
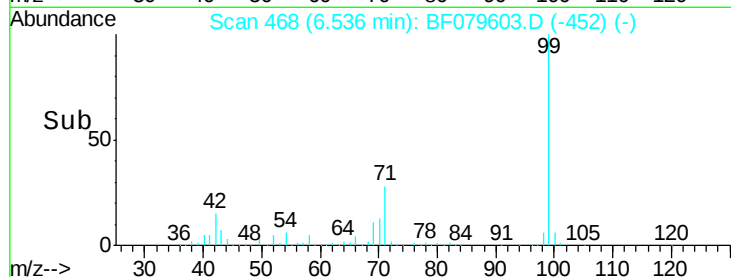
PULASKIST7.4(3)



Tgt Ion:	99	Resp:	591772
Ion Ratio	Lower	Upper	
99	100		
42	14.6	11.9	17.9
71	28.1	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng

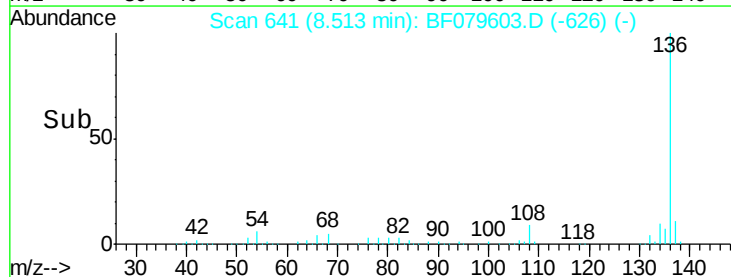
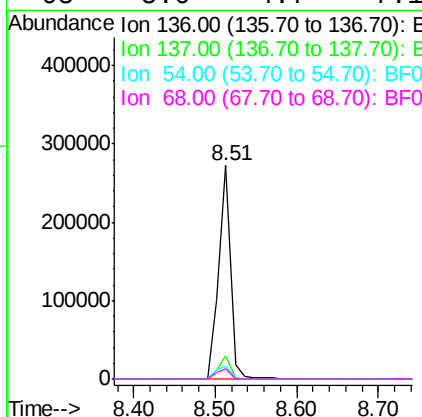
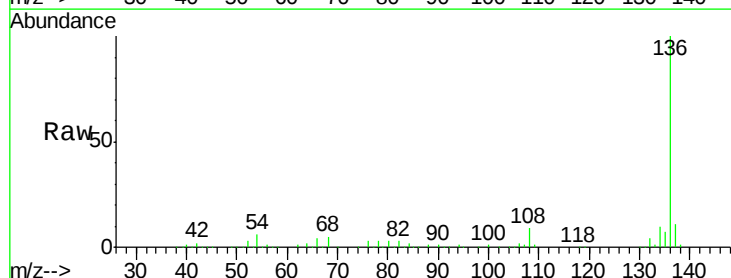
RT: 8.51 min Scan# 641

Delta R.T. -0.02 min

Lab File: BF079603.D

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Tgt Ion:	136	Resp:	276333
Ion Ratio	Lower	Upper	
136	100		
137	10.6	8.5	12.7
54	6.2	6.6	9.8
68	5.0	4.7	7.1





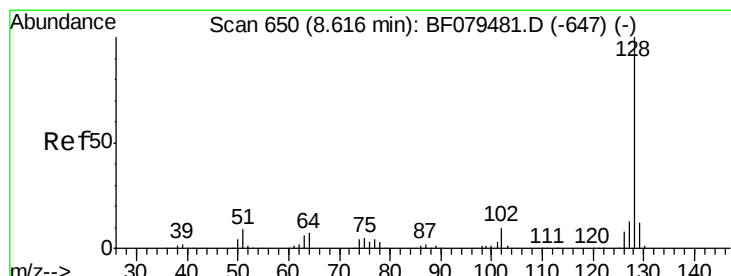
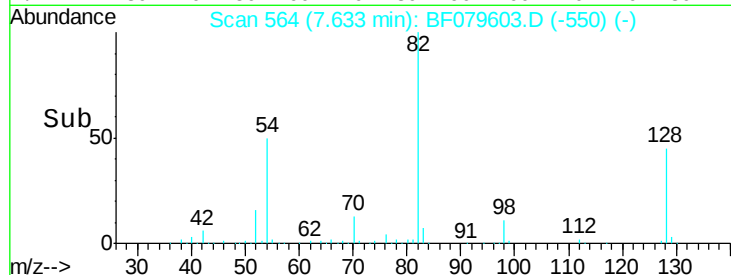
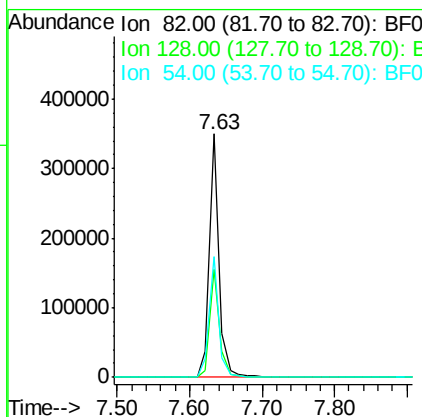
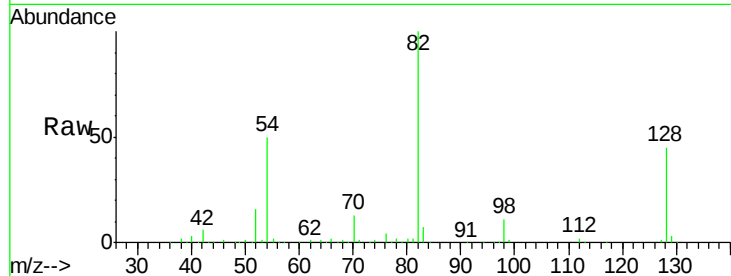
#23
 Nitrobenzene-d5
 Concen: 68.40 ng
 RT: 7.63 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF079603.D
 Acq: 30 May 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.4(3)

Tgt Ion:	82	Resp:	326977
Ion Ratio	Lower	Upper	
82	100		
128	44.6	30.8	46.2
54	49.8	42.8	64.2

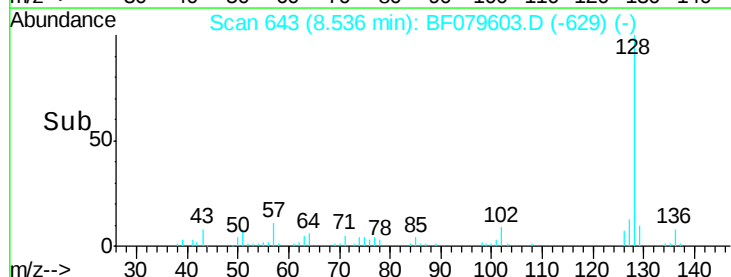
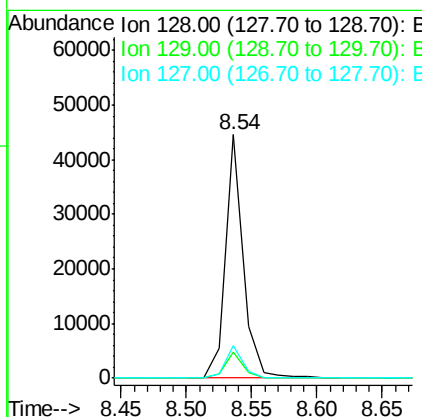
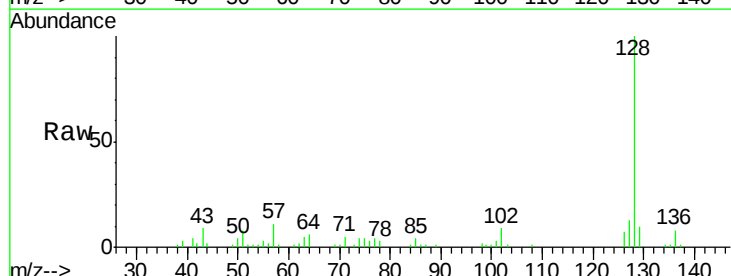
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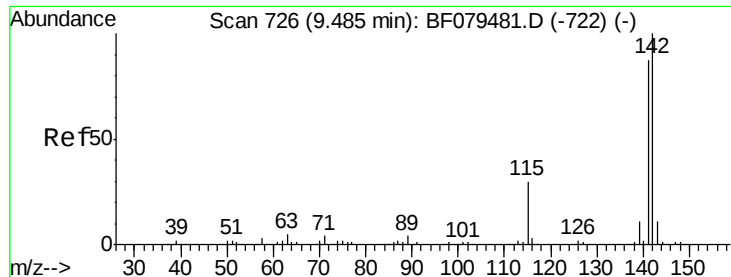
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#31
 Naphthalene
 Concen: 3.20 ng
 RT: 8.54 min Scan# 643
 Delta R.T. -0.03 min
 Lab File: BF079603.D
 Acq: 30 May 2015 15:20

Tgt Ion:	128	Resp:	42378
Ion Ratio	Lower	Upper	
128	100		
129	10.4	9.3	13.9
127	13.4	10.6	15.8





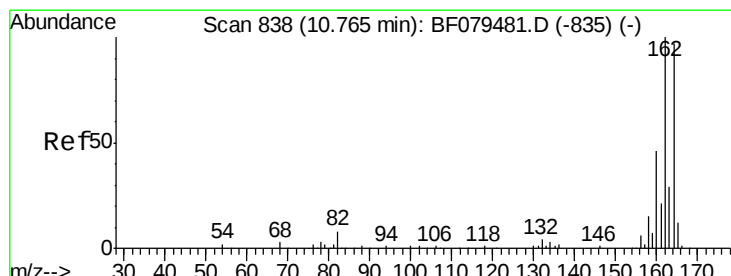
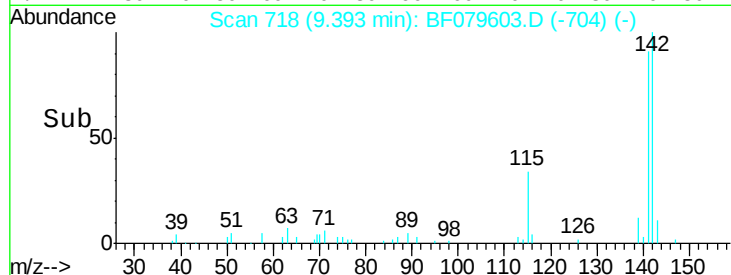
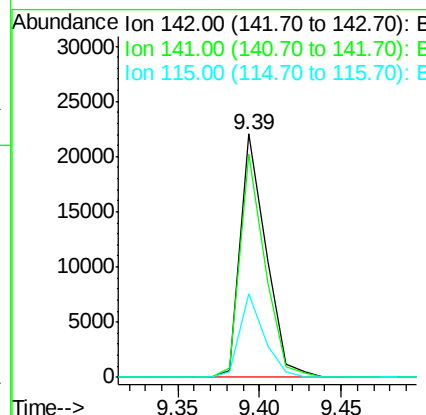
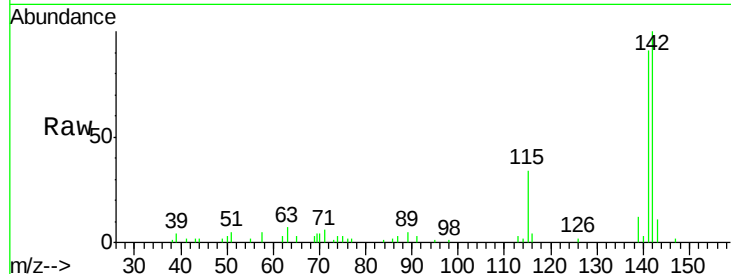
#37
 2-Methylnaphthalene
 Concen: 2.59 ng
 RT: 9.39 min Scan# 718
 Delta R.T. -0.03 min
 Lab File: BF079603.D
 Acq: 30 May 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.4(3)

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	23831		
141	91.4	69.5	104.3	
115	34.2	23.8	35.6	

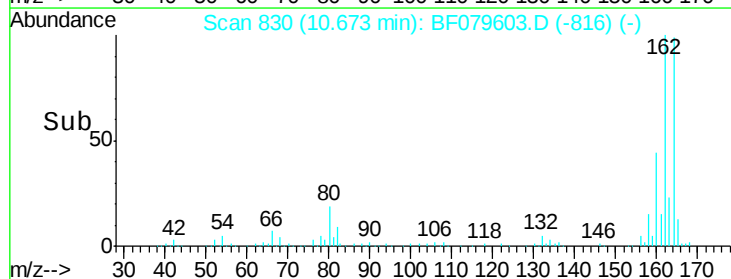
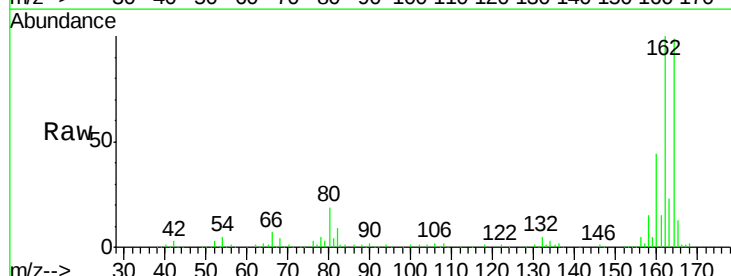
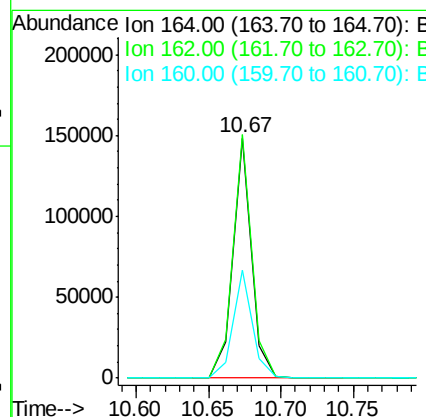
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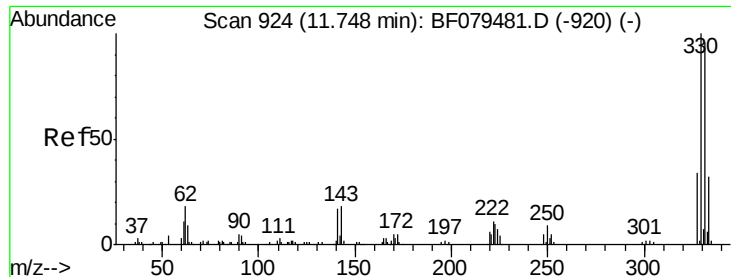
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF079603.D
 Acq: 30 May 2015 15:20

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	132215		
162	101.3	82.6	124.0	
160	45.0	37.7	56.5	





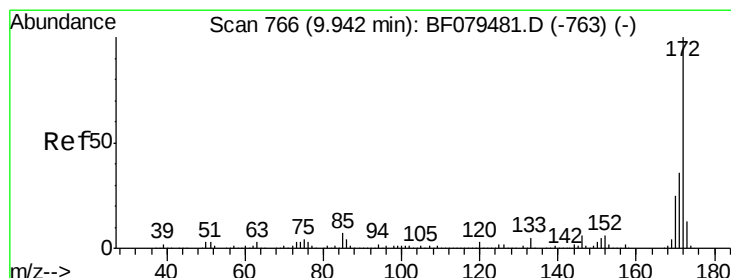
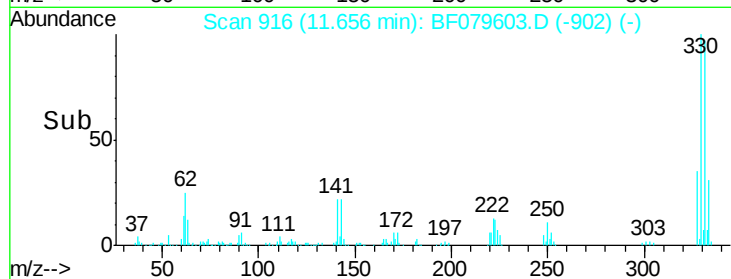
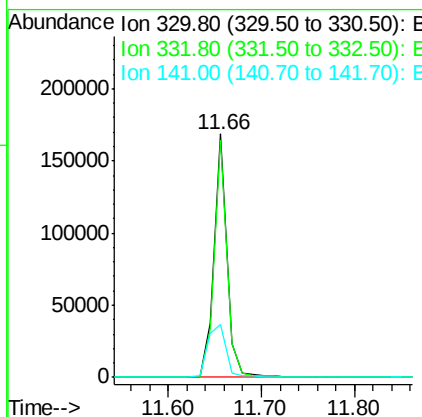
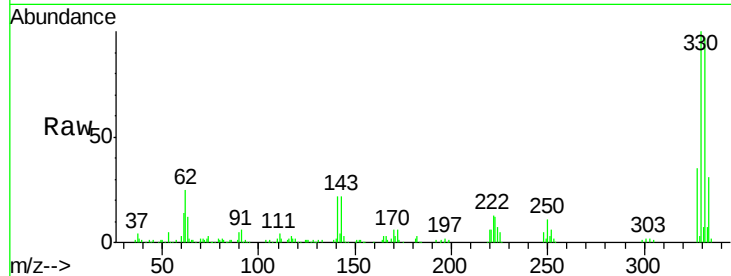
#41
 2,4,6-Tribromophenol
 Concen: 112.46 ng
 RT: 11.66 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF079603.D
 Acq: 30 May 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.4(3)

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.1	0.0	0.0#
141	32.0	0.0	0.0#

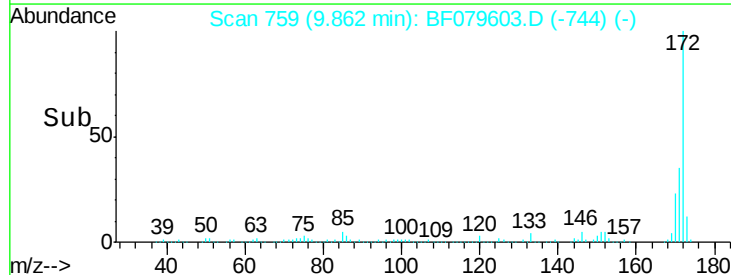
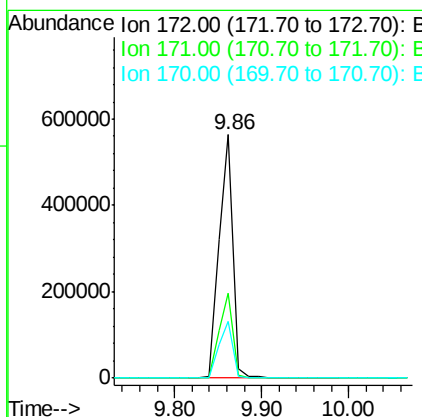
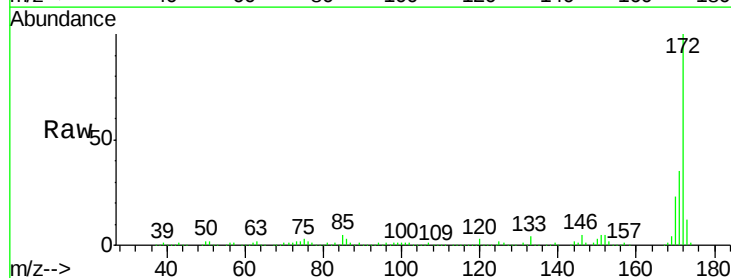
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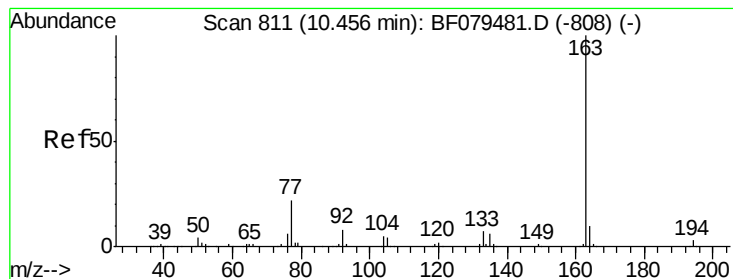
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#44
 2-Fluorobiphenyl
 Concen: 68.29 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079603.D
 Acq: 30 May 2015 15:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	35.0	28.5	42.7
170	23.5	19.7	29.5





#49

Dimethylphthalate

Concen: 17.89 ng

RT: 10.38 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF079603.D

Acq: 30 May 2015 15:20

Instrument :

BNA_F

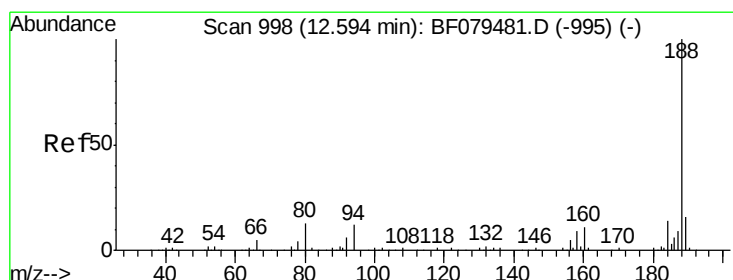
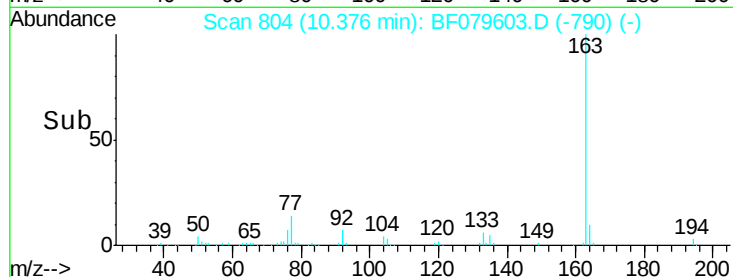
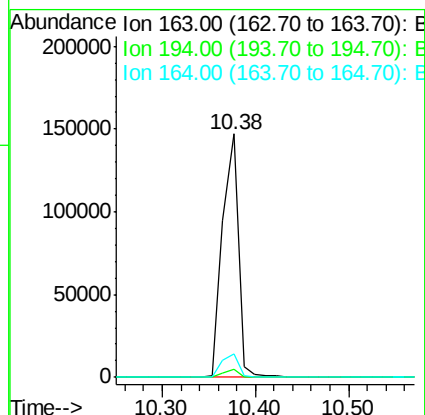
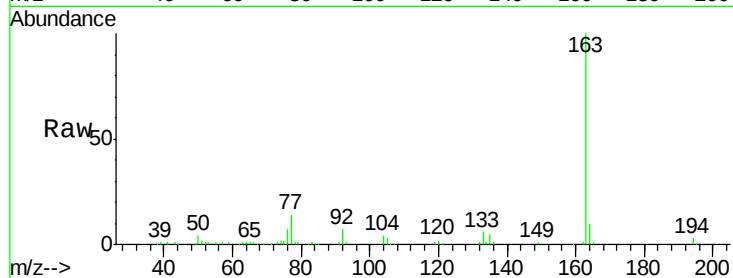
ClientSampleId :

PULASKIST7.4(3)

Tgt Ion:	163	Resp:	174286
Ion Ratio	Lower	Upper	
163	100		
194	3.2	2.4	3.6
164	9.7	8.2	12.4

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.00 ng

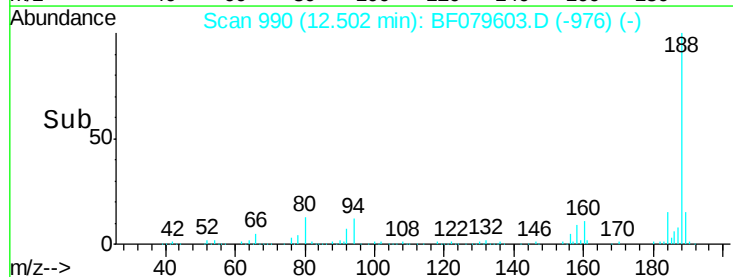
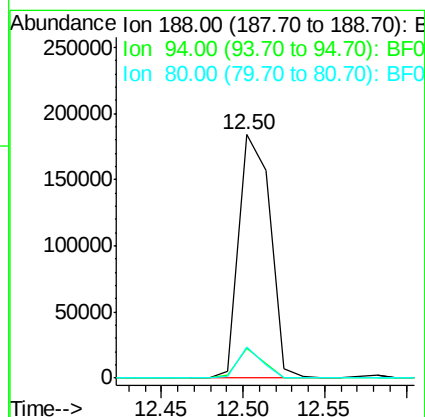
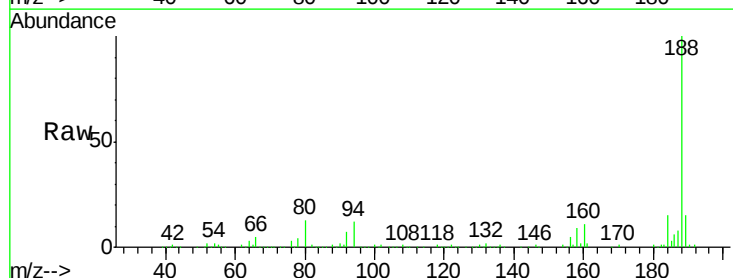
RT: 12.50 min Scan# 990

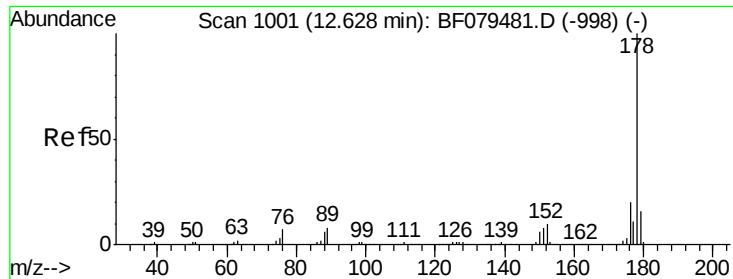
Delta R.T. -0.03 min

Lab File: BF079603.D

Acq: 30 May 2015 15:20

Tgt Ion:	188	Resp:	244150
Ion Ratio	Lower	Upper	
188	100		
94	12.2	9.8	14.6
80	12.9	10.5	15.7





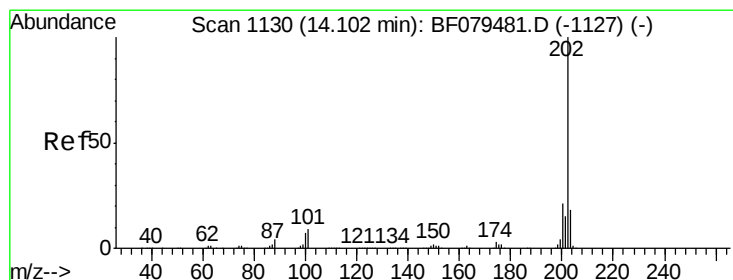
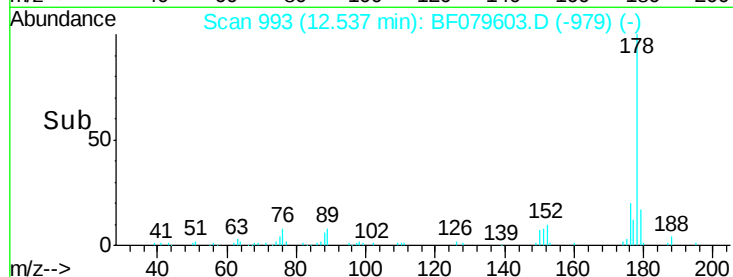
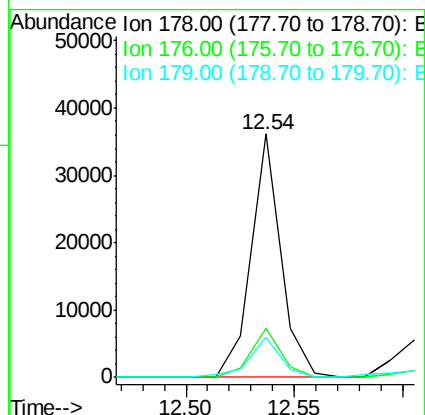
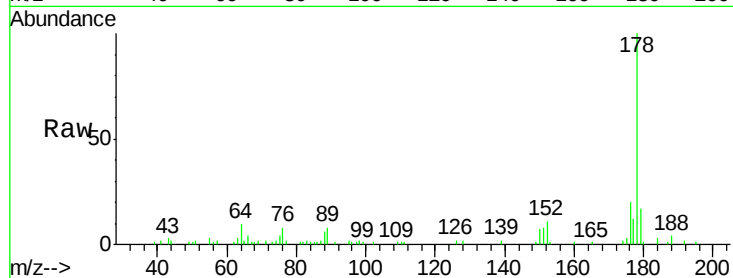
#70
Phenanthrene
Concen: 2.57 ng
RT: 12.54 min Scan# 993
Delta R.T. -0.03 min
Lab File: BF079603.D
Acq: 30 May 2015 15:20

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.4(3)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.7	23.5
179	16.6	12.4	18.6

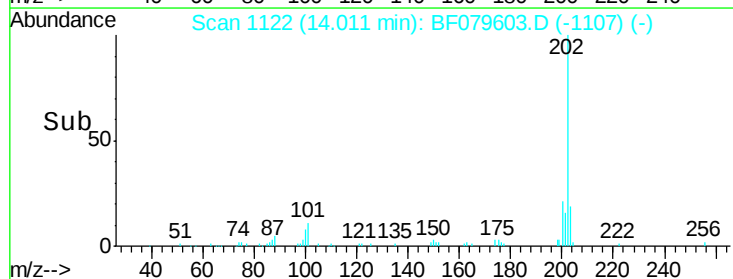
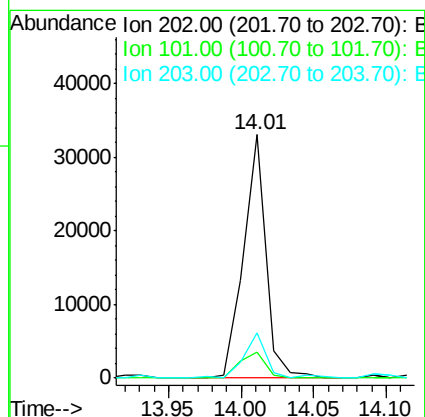
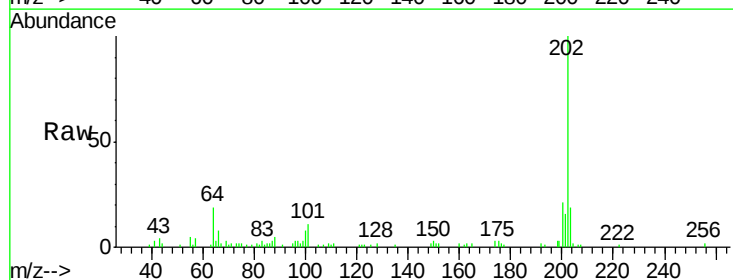
Manual Integrations
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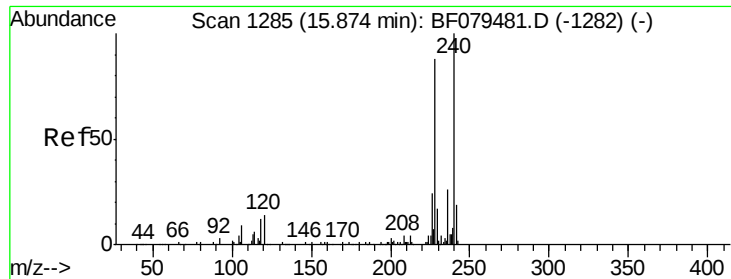
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#74
Fluoranthene
Concen: 2.47 ng
RT: 14.01 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF079603.D
Acq: 30 May 2015 15:20

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	29.3
203	18.5	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.78 min Scan# 1277

Delta R.T. -0.06 min

Lab File: BF079603.D

Acq: 30 May 2015 15:20

Instrument :

BNA_F

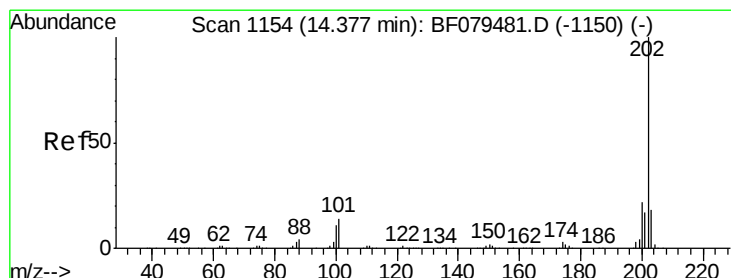
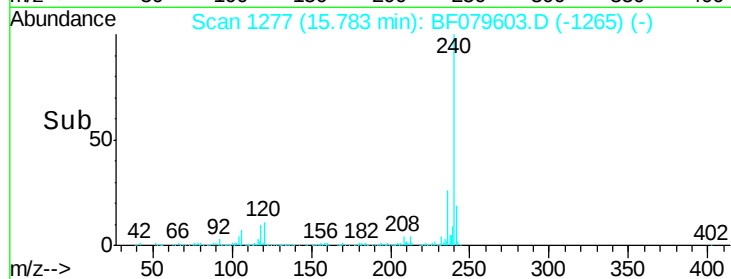
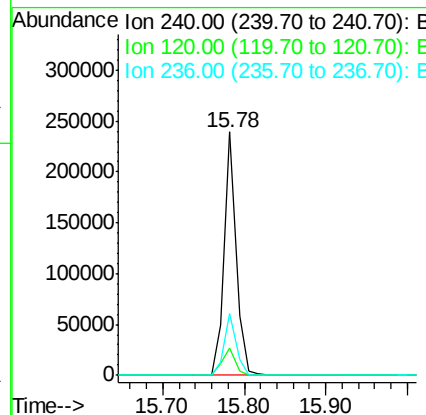
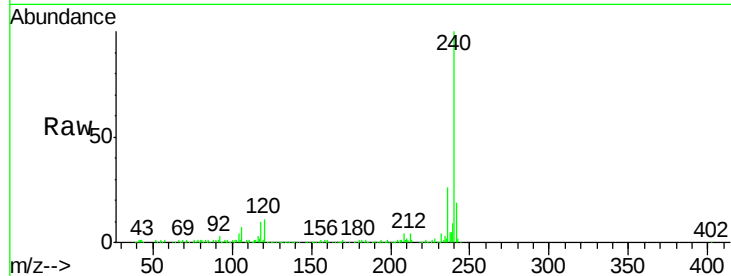
ClientSampleId :

PULASKIST7.4(3)

Tgt Ion:	240	Resp:	244822
Ion Ratio	Lower	Upper	
240	100		
120	11.3	10.8	16.2
236	25.5	21.0	31.6

Manual Integrations
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#77

Pyrene

Concen: 2.27 ng

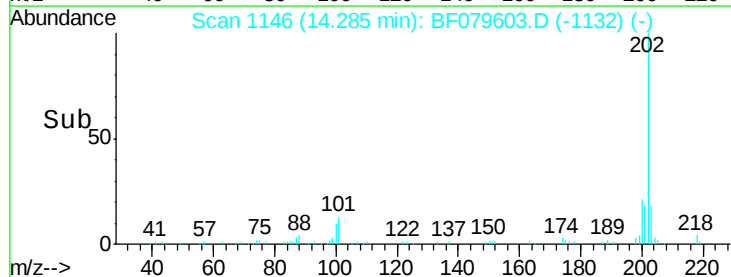
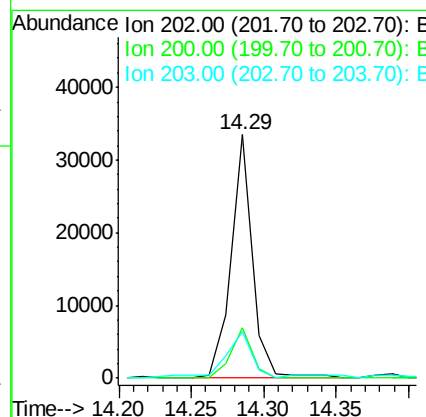
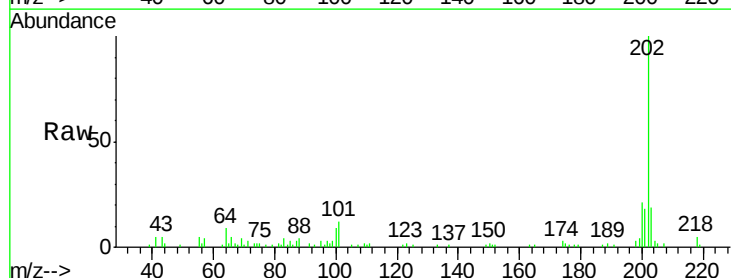
RT: 14.29 min Scan# 1146

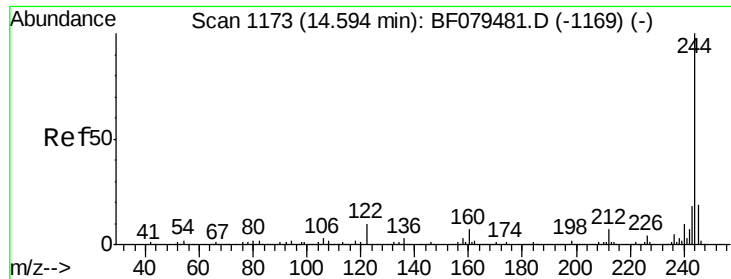
Delta R.T. -0.03 min

Lab File: BF079603.D

Acq: 30 May 2015 15:20

Tgt Ion:	202	Resp:	34497
Ion Ratio	Lower	Upper	
202	100		
200	20.5	17.5	26.3
203	18.9	14.4	21.6





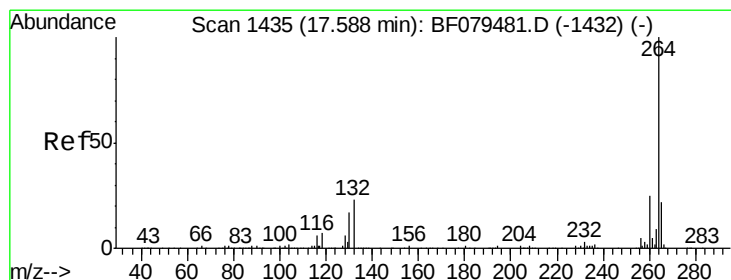
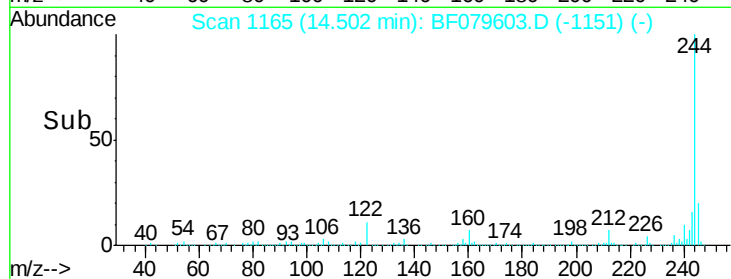
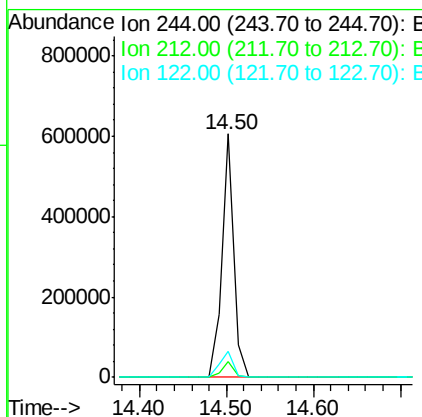
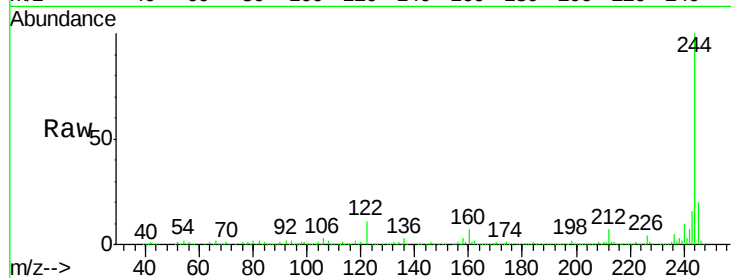
#78
 Terphenyl-d14
 Concen: 55.99 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. -0.03 min
 Lab File: BF079603.D
 Acq: 30 May 2015 15:20

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.4(3)

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	6.6	5.2	7.8
122	10.5	8.0	12.0

Manual Integrations
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apatel
 6/1/2015 8:46:17 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.52 min Scan# 1429
 Delta R.T. -0.15 min
 Lab File: BF079603.D
 Acq: 30 May 2015 15:20

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	24.3	19.8	29.8
265	21.8	17.8	26.6

