

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079600.D
 Acq On : 30 May 2015 13:53
 Operator : TP/IZ
 Sample : G2416-18
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)

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Quant Time: May 31 06:41:36 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	63862	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	266409	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	125173	20.00	ng	-0.03
63) Phenanthrene-d10	12.51	188	233071	20.00	ng	-0.02
75) Chrysene-d12	15.78	240	240803	20.00	ng	-0.06
86) Perylene-d12	17.51	264	247357	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	610010	165.68	ng	-0.03
7) Phenol-d6	6.54	99	818067	174.32	ng	-0.02
23) Nitrobenzene-d5	7.63	82	441469	95.79	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	230258	167.48	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	941453	107.30	ng	-0.02
78) Terphenyl-d14	14.50	244	1013321	98.76	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	10.38	163	172363	18.69	ng	# 99
70) Phenanthrene	12.54	178	50073	3.92	ng	98
74) Fluoranthene	14.01	202	75128	5.48	ng	99
77) Pyrene	14.29	202	72656	4.87	ng	98
80) Benzo(a)anthracene	15.77	228	47596	3.44	ng	97
82) Chrysene	15.82	228	39845	3.03	ng	98
85) Indeno(1,2,3-cd)pyrene	18.80	276	43480m	2.57	ng	
87) Benzo(b)fluoranthene	17.06	252	66637m	4.72	ng	

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

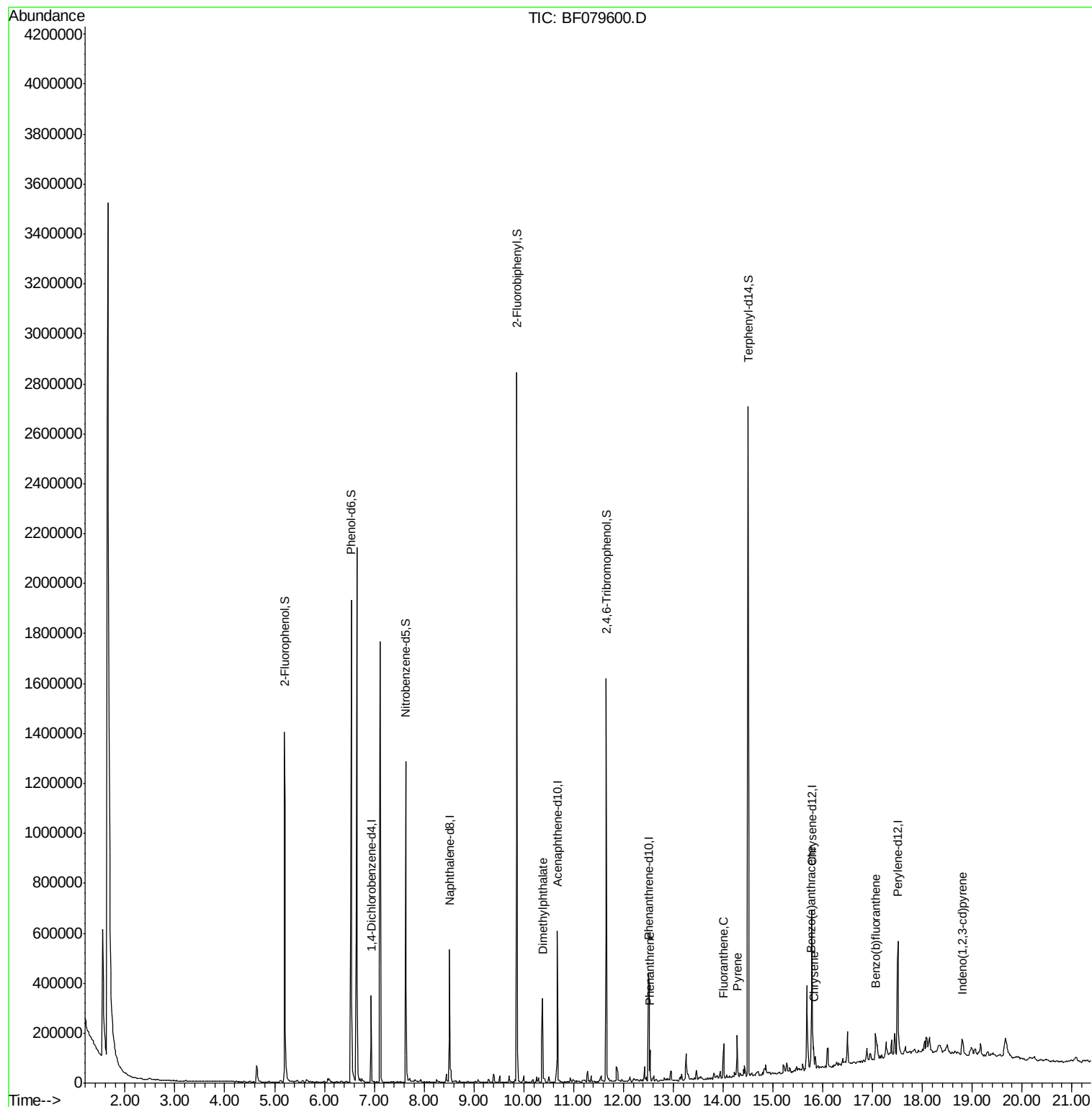
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
Data File : BF079600.D
Acq On : 30 May 2015 13:53
Operator : TP/IZ
Sample : G2416-18
Misc :
ALS Vial : 3 Sample Multiplier: 1

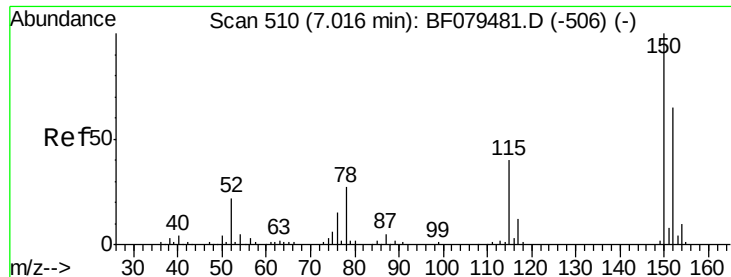
Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)

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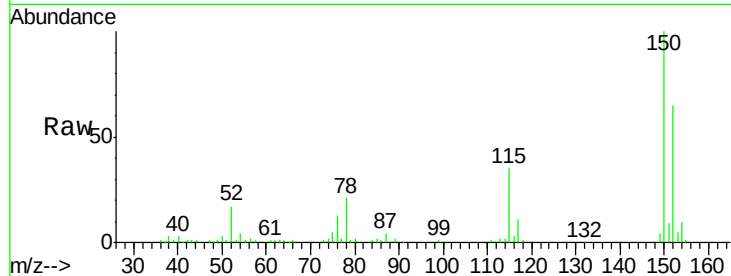




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF079600.D
Acq: 30 May 2015 13:53

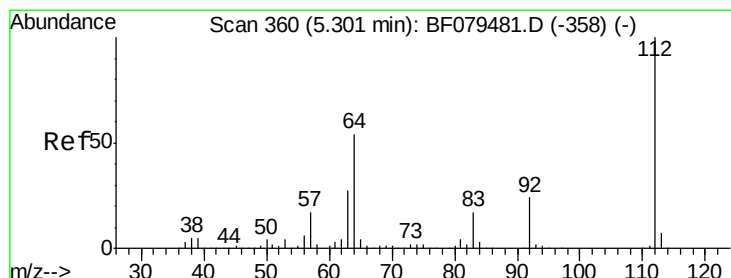
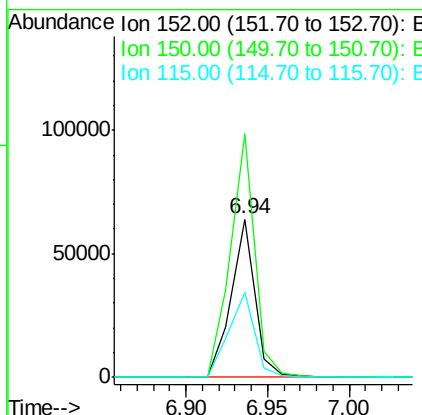
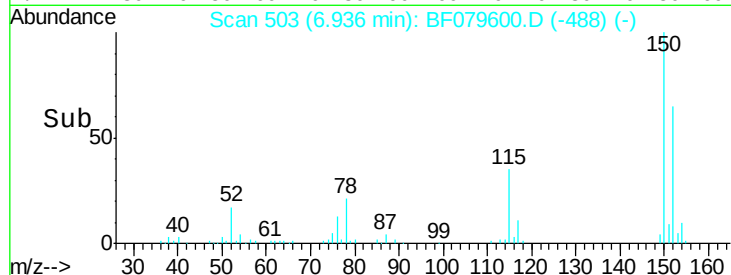
Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)



Tgt Ion	Ratio	Lower	Upper
152	100		
150	154.2	124.0	186.0
115	53.9	49.6	74.4

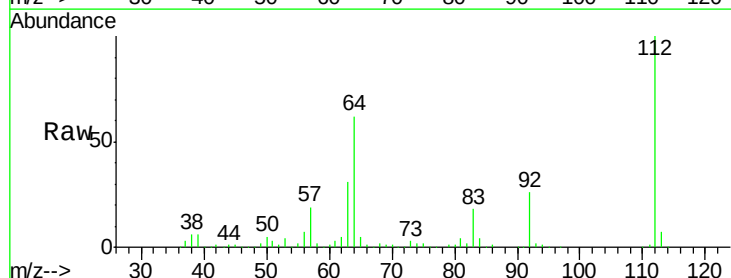
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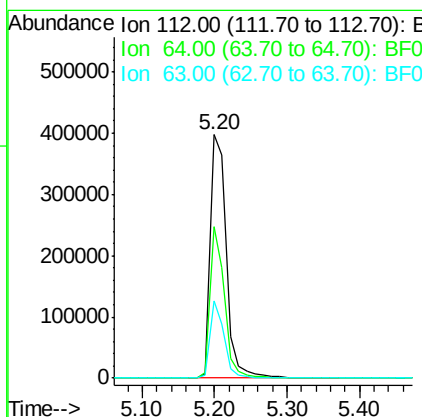
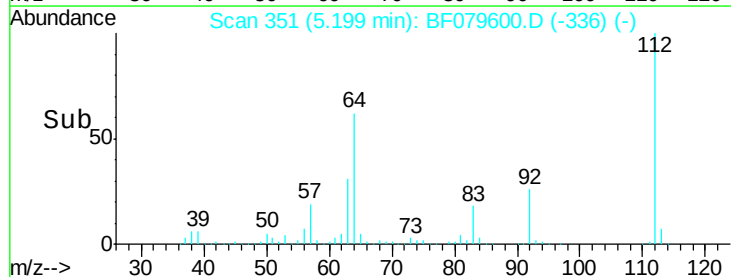


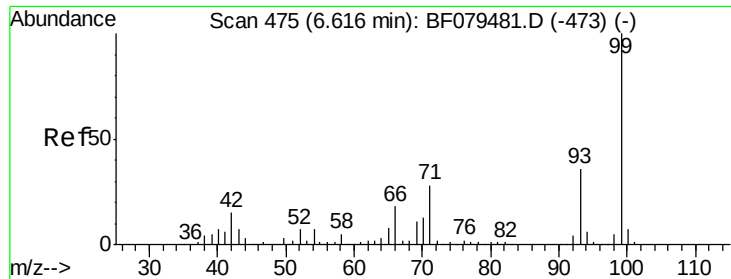
#5

2-Fluorophenol
Concen: 165.68 ng
RT: 5.20 min Scan# 351
Delta R.T. -0.03 min
Lab File: BF079600.D
Acq: 30 May 2015 13:53



Tgt Ion	Ratio	Lower	Upper
112	100		
64	62.1	43.5	65.3
63	31.5	21.8	32.8





#7

Phenol-d6

Concen: 174.32 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF079600.D

Acq: 30 May 2015 13:53

Instrument :

BNA_F

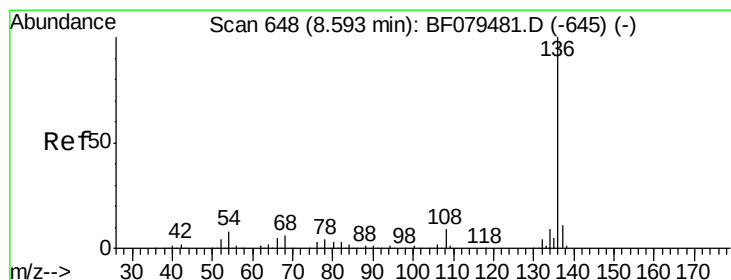
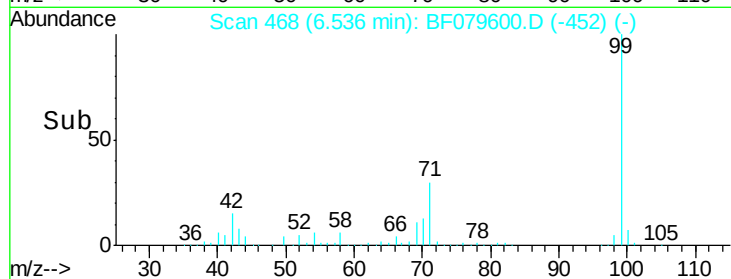
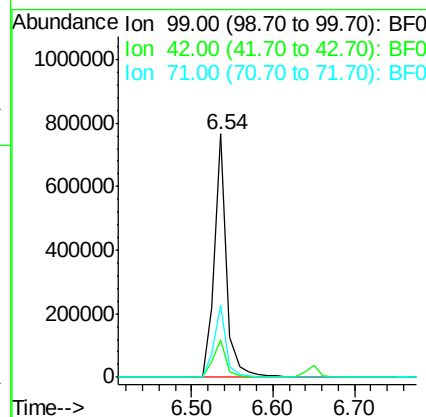
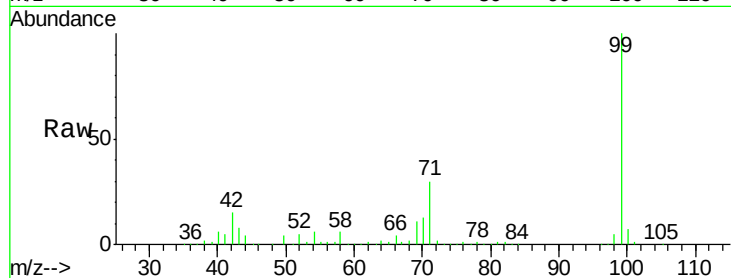
ClientSampleId :

PULASKIST7.3(2)

Tgt Ion:	99	Resp:	818067
Ion Ratio	Lower	Upper	
99	100		
42	15.2	11.9	17.9
71	29.5	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng

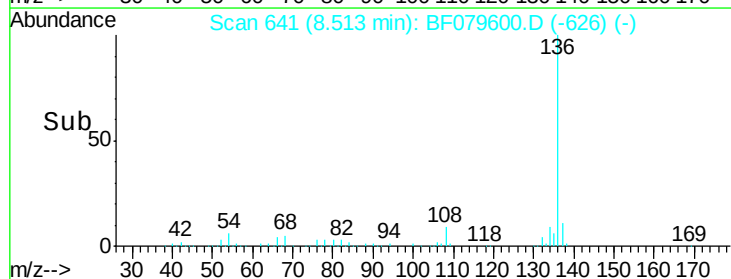
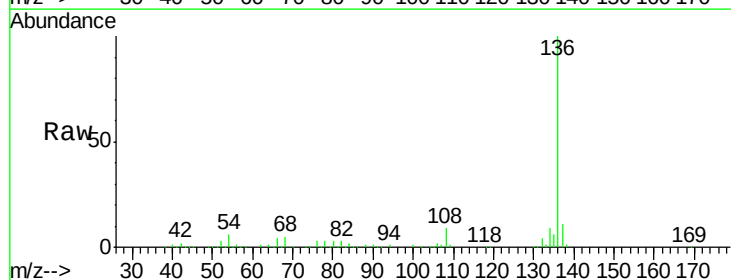
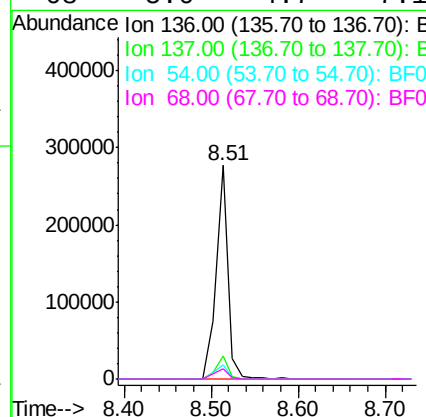
RT: 8.51 min Scan# 641

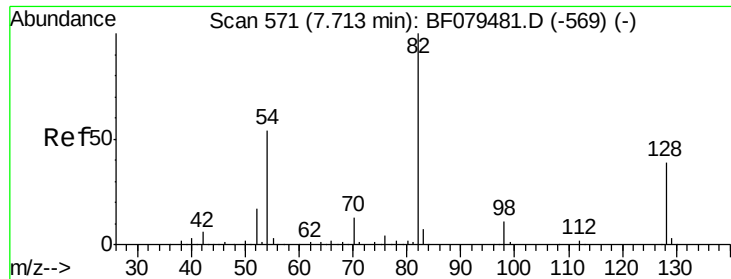
Delta R.T. -0.02 min

Lab File: BF079600.D

Acq: 30 May 2015 13:53

Tgt Ion:	136	Resp:	266409
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	6.5	6.6	9.8#
68	5.0	4.7	7.1





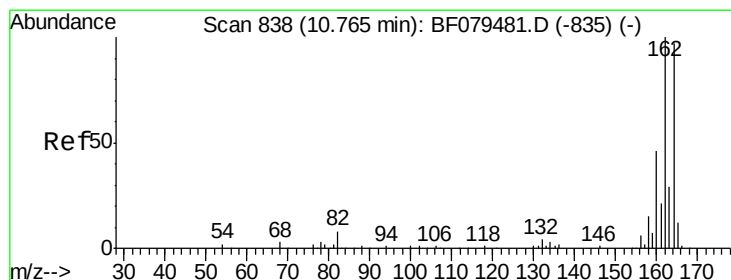
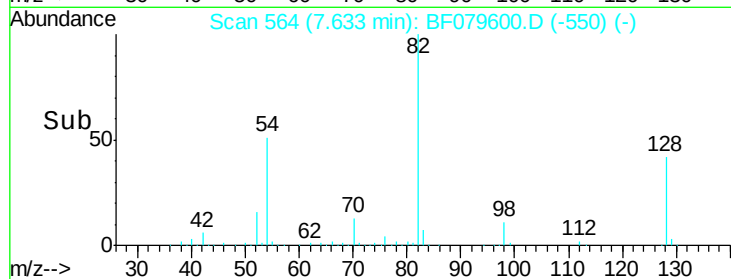
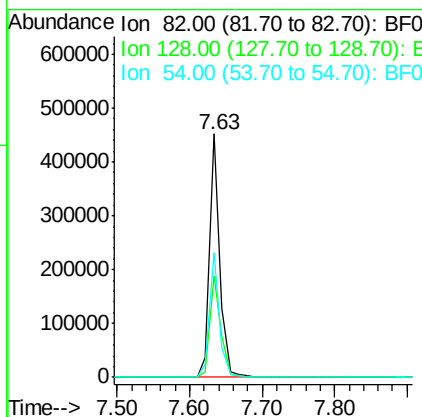
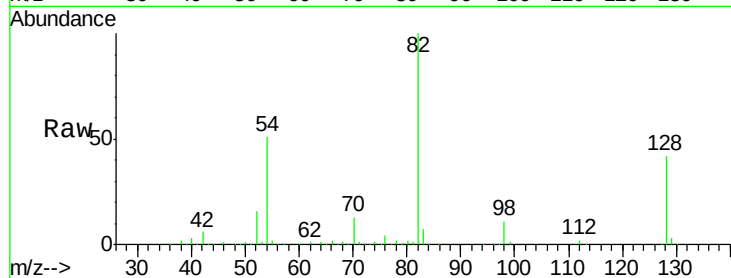
#23
 Nitrobenzene-d5
 Concen: 95.79 ng
 RT: 7.63 min Scan# 564
 Delta R.T. -0.03 min
 Lab File: BF079600.D
 Acq: 30 May 2015 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	441469		
128	41.9	30.8	46.2	
54	51.3	42.8	64.2	

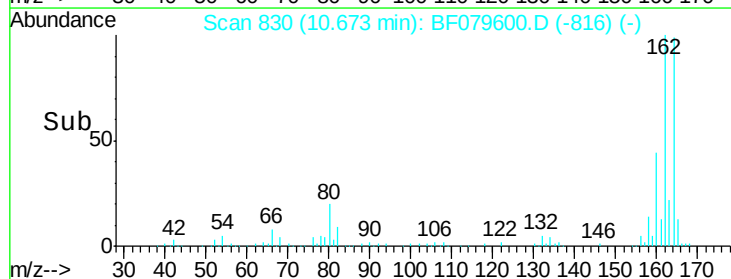
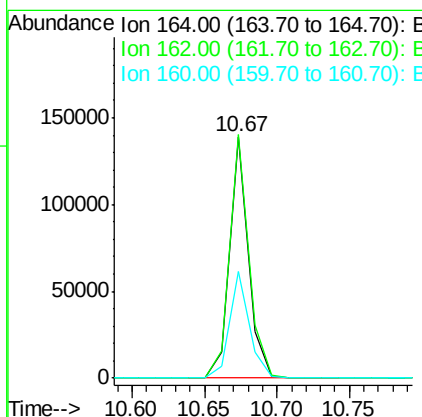
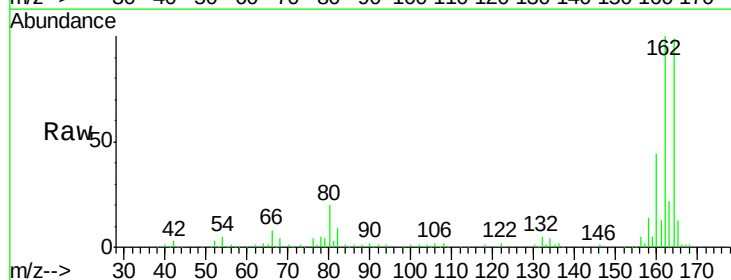
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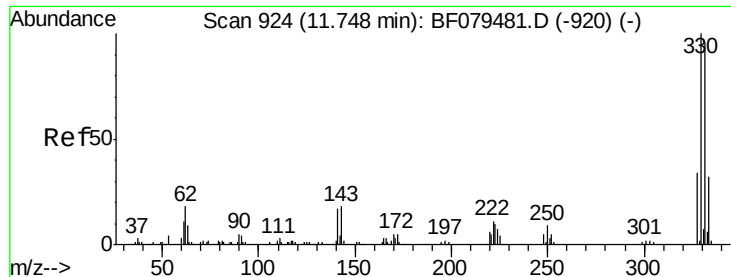
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.67 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BF079600.D
 Acq: 30 May 2015 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	125173		
162	100.7	82.6	124.0	
160	43.9	37.7	56.5	





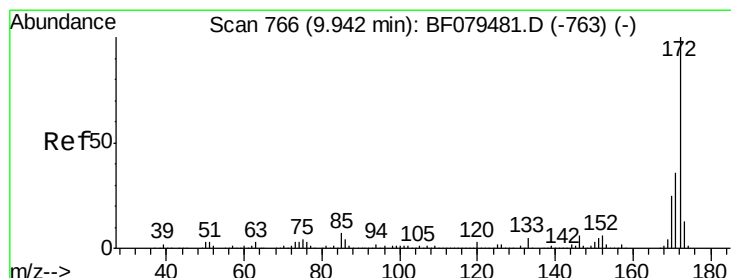
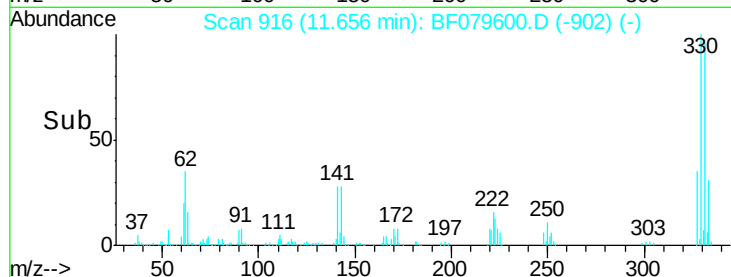
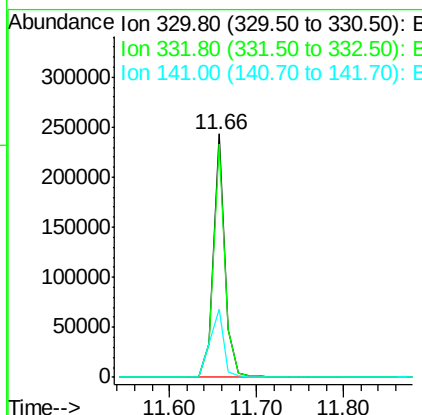
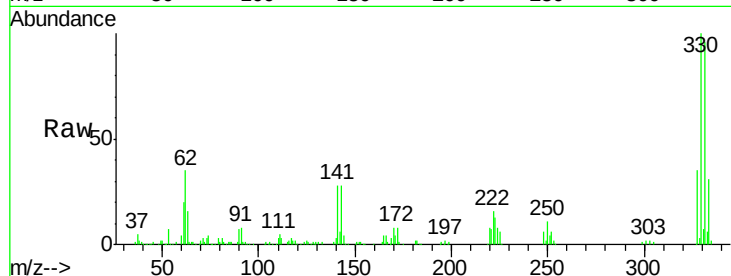
#41
 2,4,6-Tribromophenol
 Concen: 167.48 ng
 RT: 11.66 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF079600.D
 Acq: 30 May 2015 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	97.0	0.0	0.0#
141	33.4	0.0	0.0#

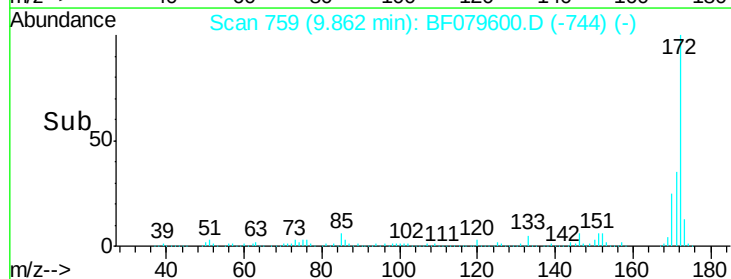
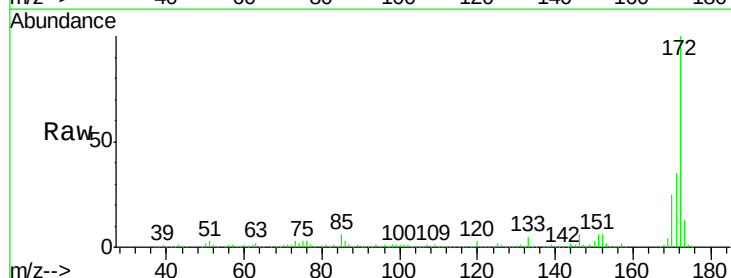
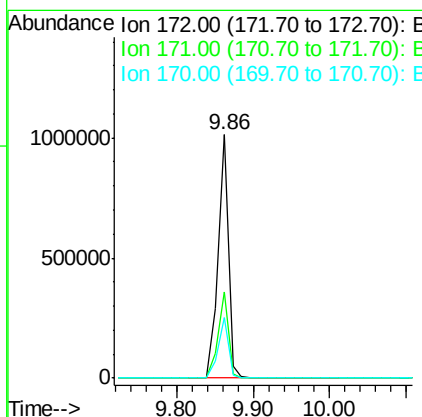
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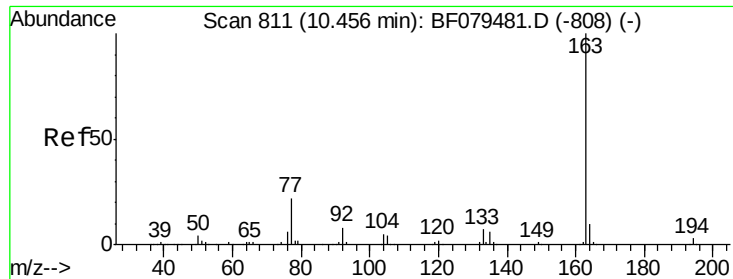
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#44
 2-Fluorobiphenyl
 Concen: 107.30 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079600.D
 Acq: 30 May 2015 13:53

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.9	19.7	29.5





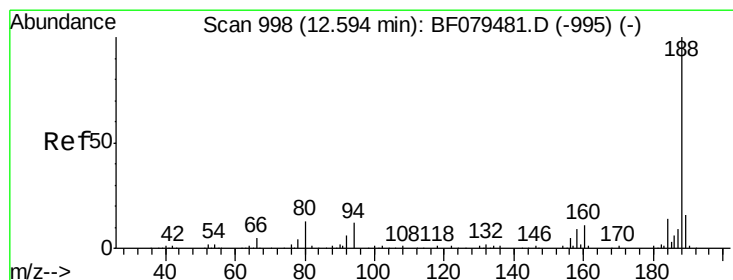
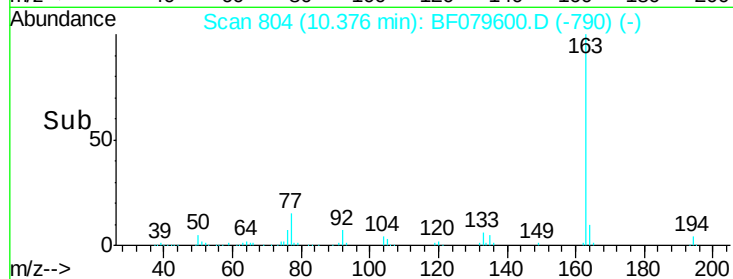
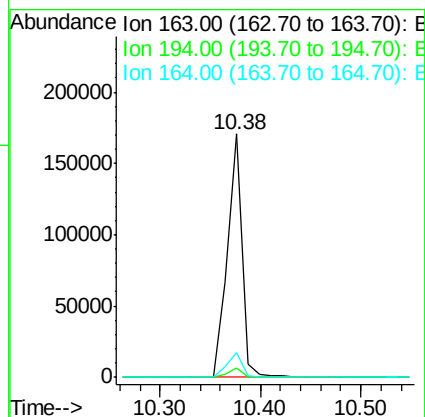
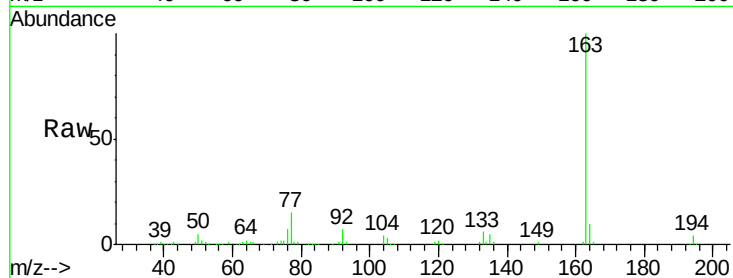
#49
Dimethylphthalate
Concen: 18.69 ng
RT: 10.38 min Scan# 804
Delta R.T. -0.03 min
Lab File: BF079600.D
Acq: 30 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	172363		
194	3.6	2.4	3.6#	
164	10.0	8.2	12.4	

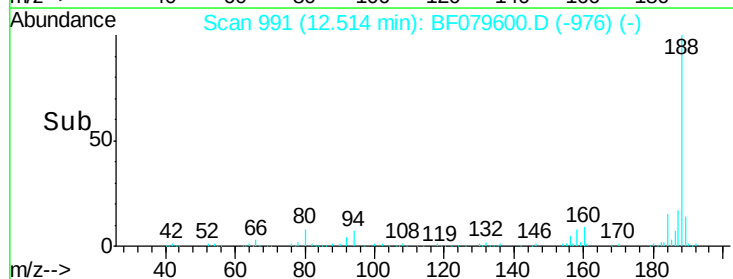
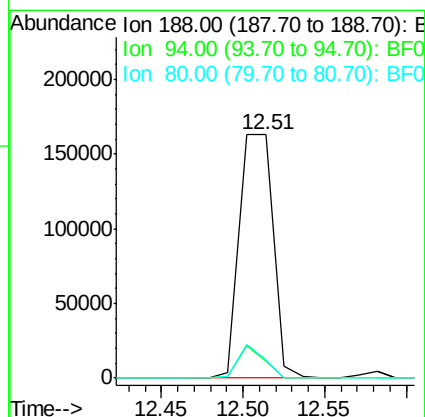
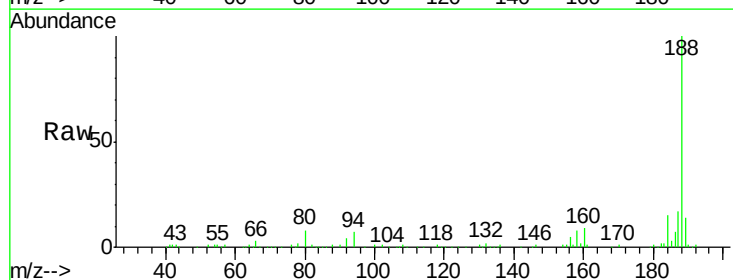
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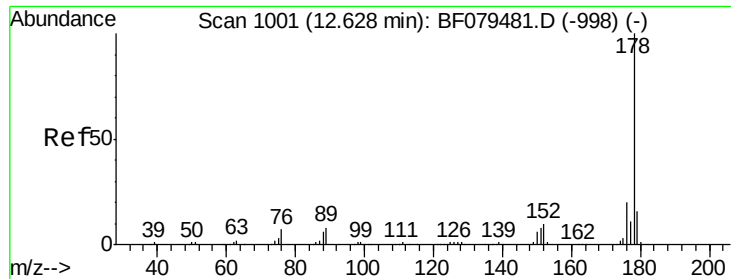
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.51 min Scan# 991
Delta R.T. -0.02 min
Lab File: BF079600.D
Acq: 30 May 2015 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	233071		
94	7.0	9.8	14.6#	
80	7.6	10.5	15.7#	





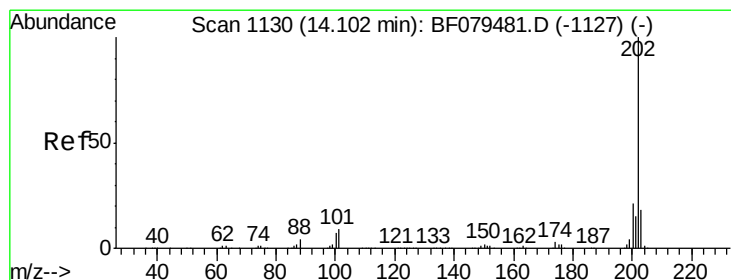
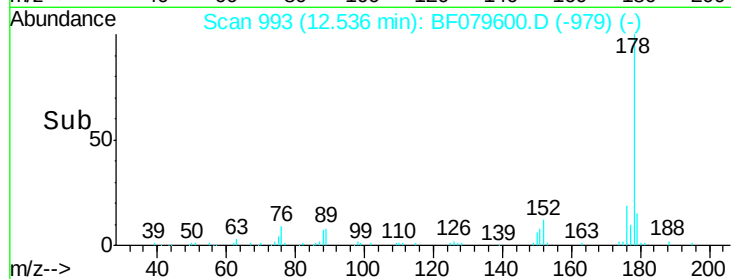
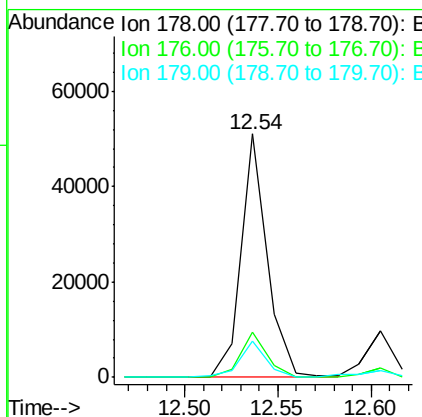
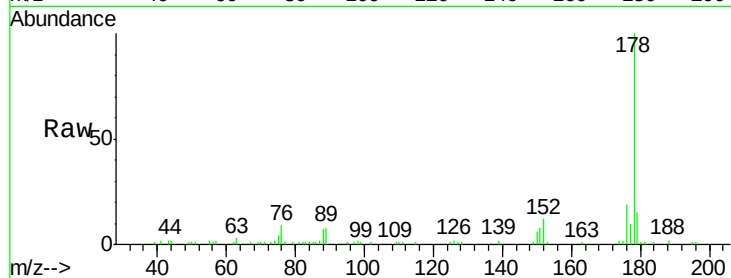
#70
Phenanthrene
Concen: 3.92 ng
RT: 12.54 min Scan# 993
Delta R.T. -0.03 min
Lab File: BF079600.D
Acq: 30 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.7	23.5
179	14.7	12.4	18.6

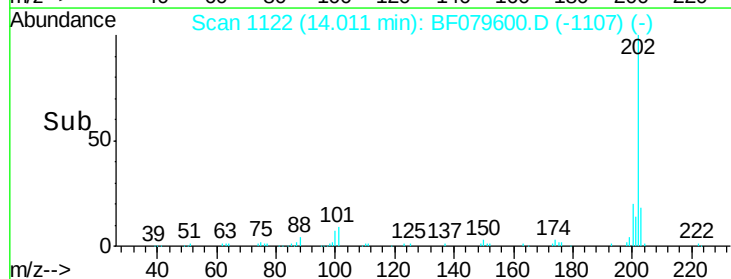
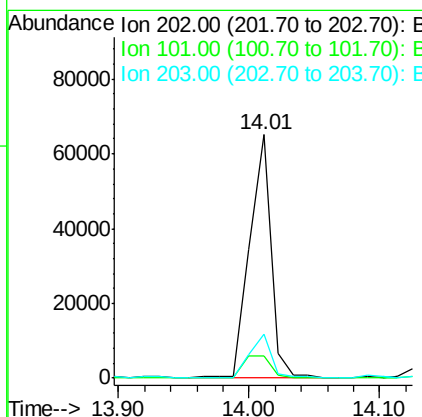
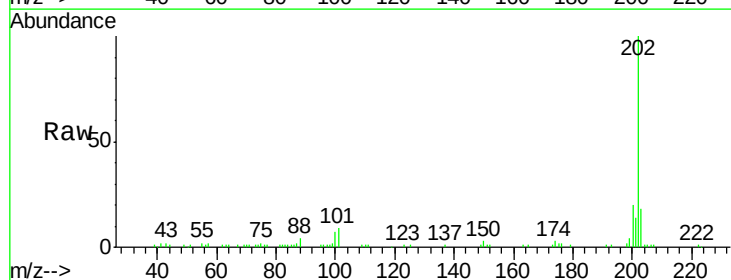
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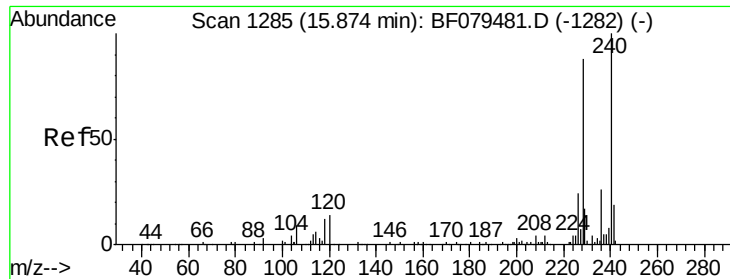
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#74
Fluoranthene
Concen: 5.48 ng
RT: 14.01 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF079600.D
Acq: 30 May 2015 13:53

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	0.0	29.3
203	18.0	0.0	37.6





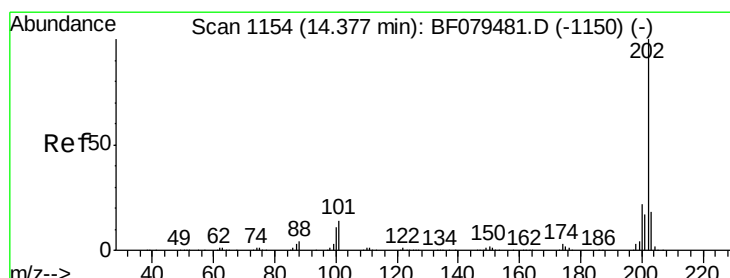
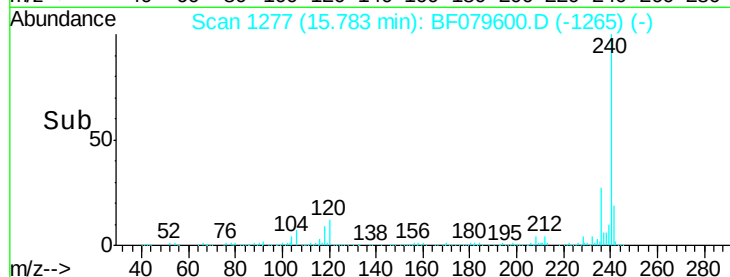
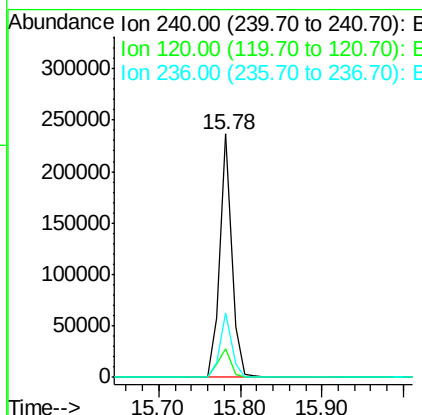
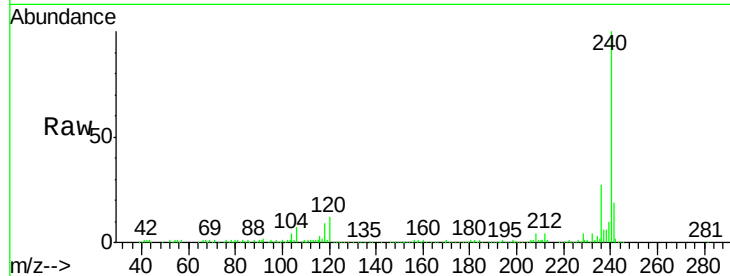
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.78 min Scan# 1277
 Delta R.T. -0.06 min
 Lab File: BF079600.D
 Acq: 30 May 2015 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	240803		
120	11.5	10.8	16.2	
236	26.6	21.0	31.6	

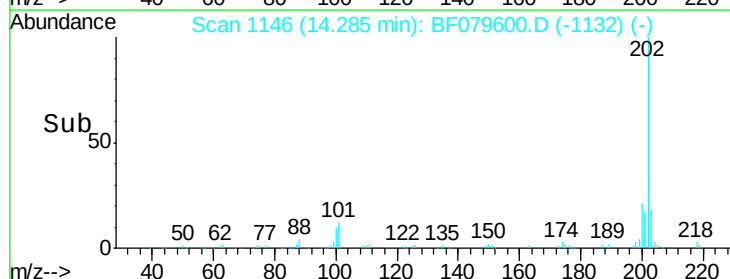
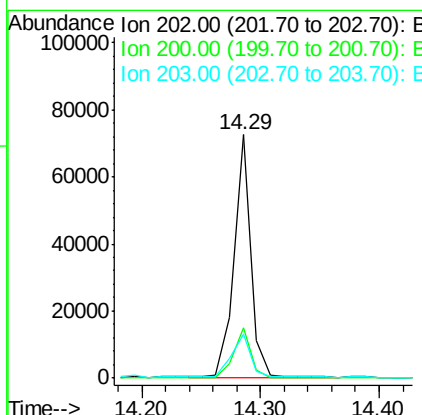
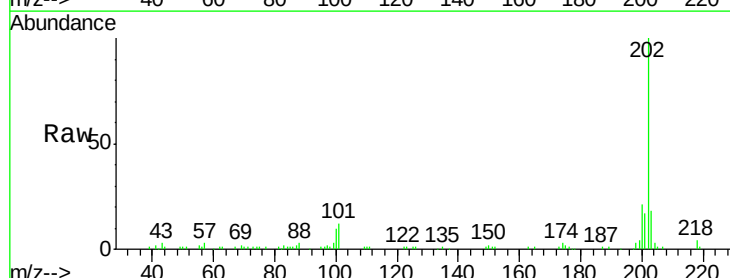
Manual Integrations
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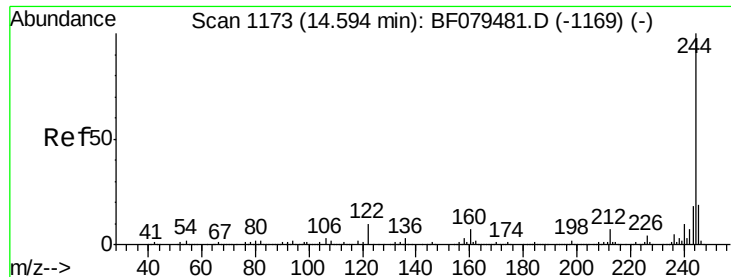
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#77
 Pyrene
 Concen: 4.87 ng
 RT: 14.29 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BF079600.D
 Acq: 30 May 2015 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	72656		
200	20.7	17.5	26.3	
203	18.3	14.4	21.6	





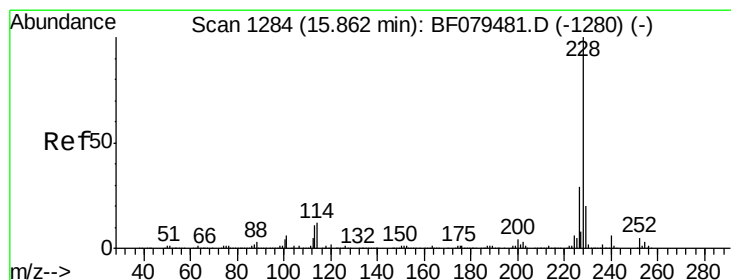
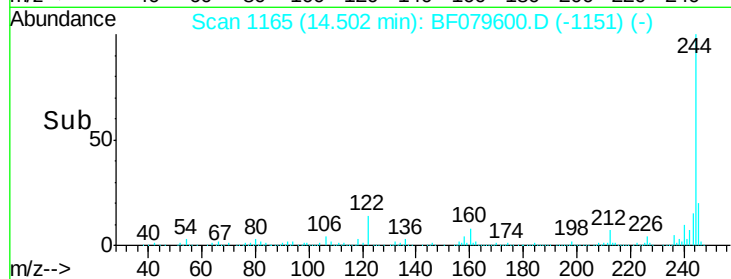
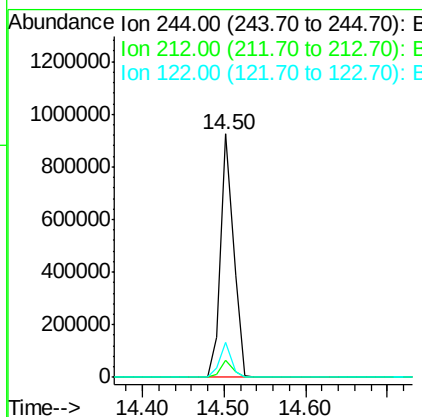
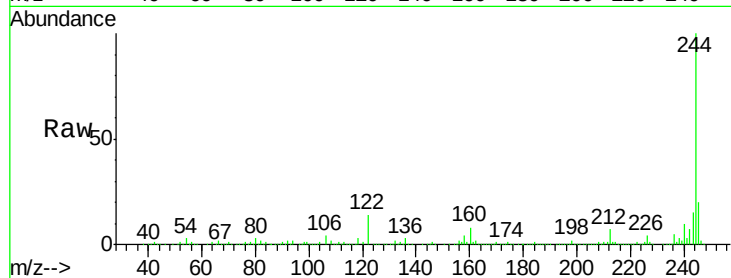
#78
 Terphenyl-d14
 Concen: 98.76 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. -0.03 min
 Lab File: BF079600.D
 Acq: 30 May 2015 13:53

Instrument :
 BNA_F
 ClientSampleId :
 PULASKIST7.3(2)

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.2	7.8
122	14.2	8.0	12.0

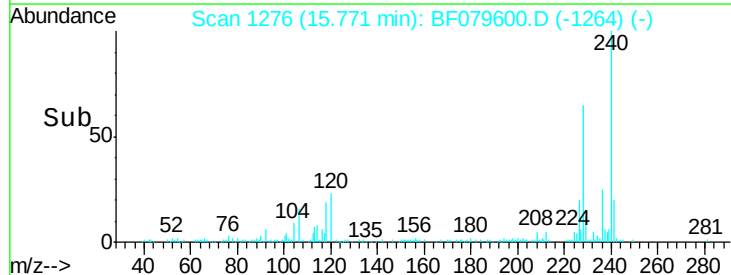
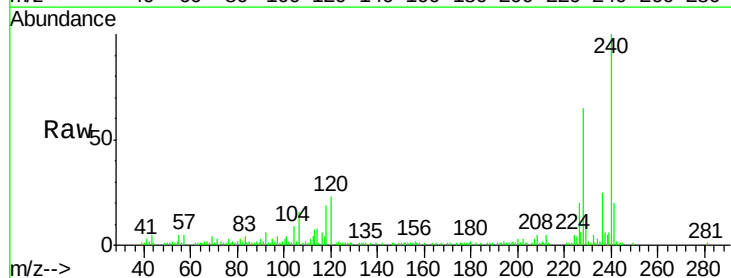
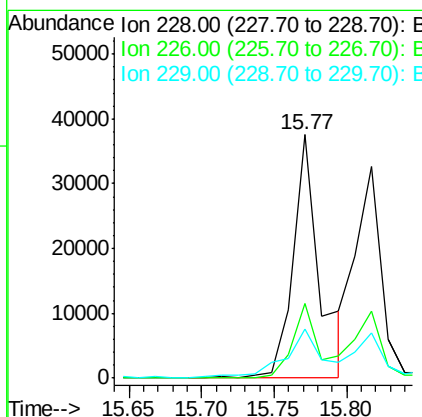
Manual Integrations
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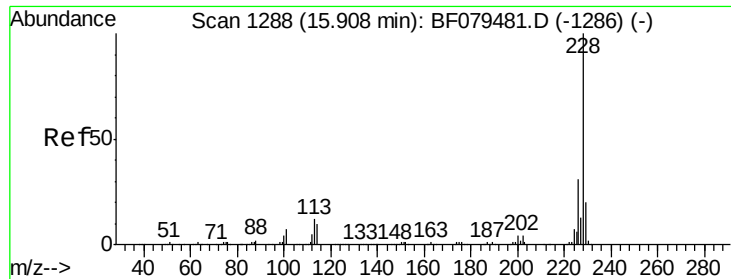
apatel
 6/1/2015 8:46:04 PM



#80
 Benzo(a)anthracene
 Concen: 3.44 ng
 RT: 15.77 min Scan# 1276
 Delta R.T. -0.06 min
 Lab File: BF079600.D
 Acq: 30 May 2015 13:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.8	22.8	34.2
229	19.9	15.9	23.9





#82

Chrysene

Concen: 3.03 ng

RT: 15.82 min Scan# 1280

Delta R.T. -0.06 min

Lab File: BF079600.D

Acq: 30 May 2015 13:53

Instrument :

BNA_F

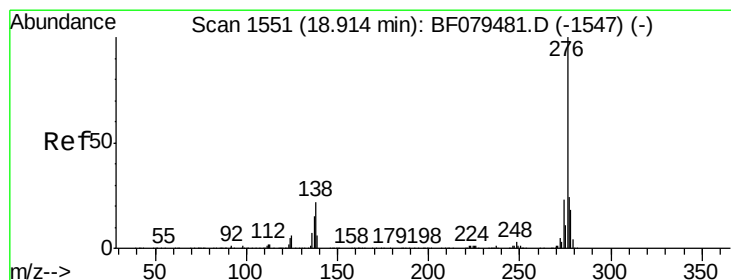
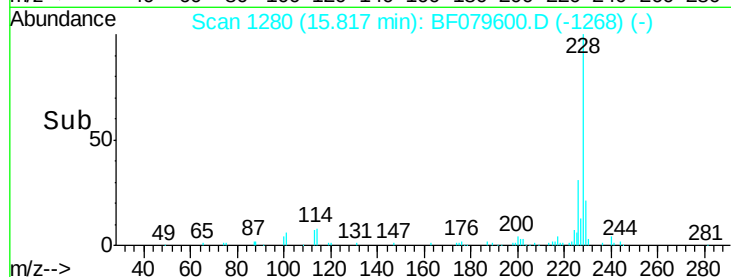
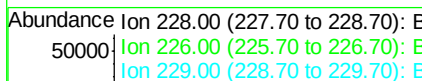
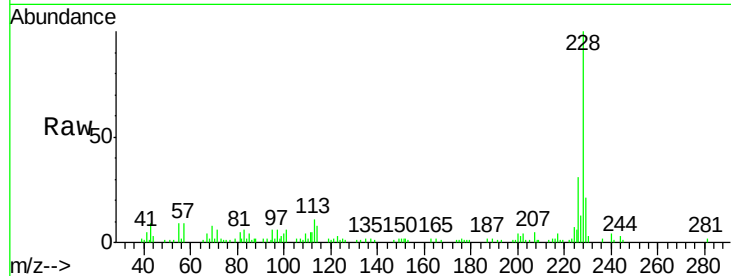
ClientSampleId :

PULASKIST7.3(2)

Tgt Ion:	228	Resp:	39845
Ion Ratio	Lower	Upper	
228	100		
226	31.4	25.0	37.4
229	21.4	15.9	23.9

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#85

Indeno(1,2,3-cd)pyrene

Concen: 2.57 ng m

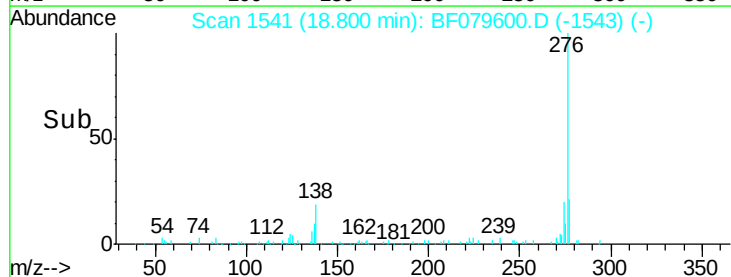
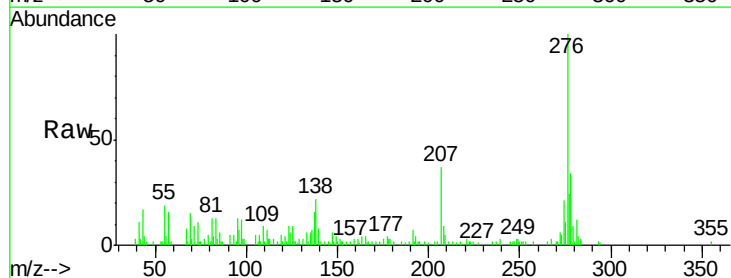
RT: 18.80 min Scan# 1541

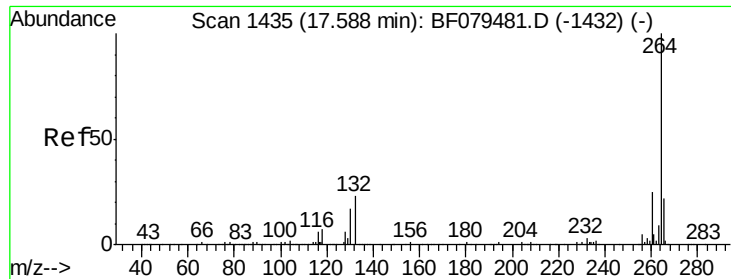
Delta R.T. -0.22 min

Lab File: BF079600.D

Acq: 30 May 2015 13:53

Tgt Ion:	276	Resp:	43480
Ion Ratio	Lower	Upper	
276	100		
138	21.6	21.4	32.2
277	21.3	19.8	29.6





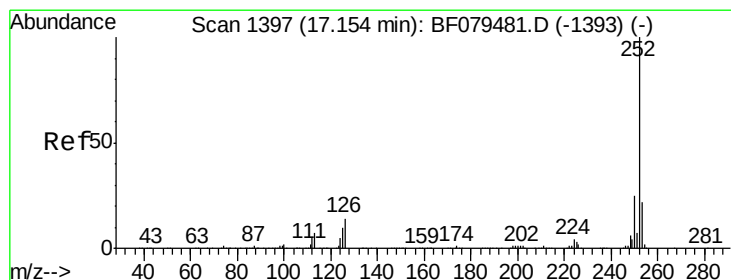
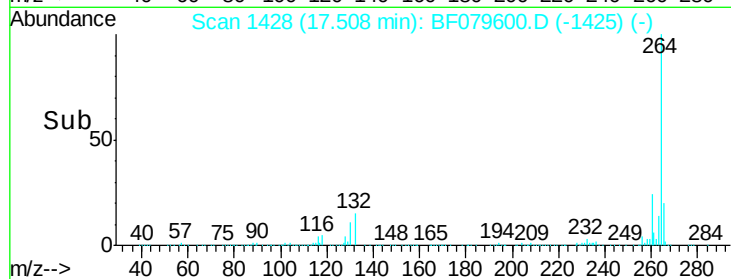
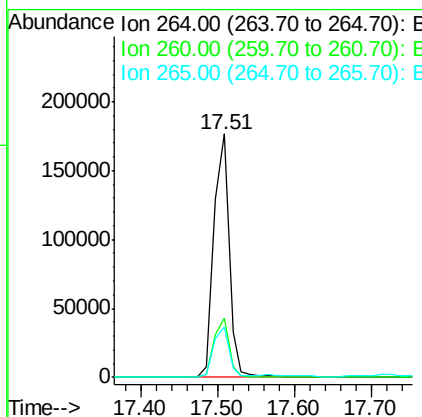
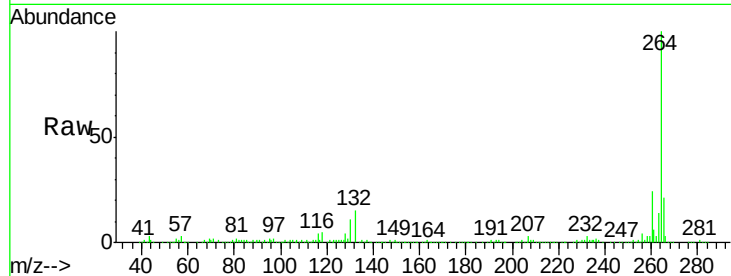
#86
Perylene-d12
Concen: 20.00 ng
RT: 17.51 min Scan# 1428
Delta R.T. -0.16 min
Lab File: BF079600.D
Acq: 30 May 2015 13:53

Instrument :
BNA_F
ClientSampleId :
PULASKIST7.3(2)

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	247357		
260	24.5	19.8	29.8	
265	20.7	17.8	26.6	

Manual Integrations
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6/1/2015 8:46:04 PM



#87
Benzo(b)fluoranthene
Concen: 4.72 ng m
RT: 17.06 min Scan# 1389
Delta R.T. -0.14 min
Lab File: BF079600.D
Acq: 30 May 2015 13:53

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	66637		
253	23.8	17.6	26.4	
125	14.0	7.8	11.6	

