

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
 Data File : BF079605.D
 Acq On : 30 May 2015 16:17
 Operator : TP/IZ
 Sample : G2416-24
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PJBLVD10.1(2)

Manual Integrations
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Quant Time: May 31 07:06:46 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	66592	20.00	ng	-0.02
21) Naphthalene-d8	8.51	136	276717	20.00	ng	-0.02
38) Acenaphthene-d10	10.67	164	128966	20.00	ng	-0.03
63) Phenanthrene-d10	12.50	188	238202	20.00	ng	-0.03
75) Chrysene-d12	15.79	240	248842	20.00	ng	-0.05
86) Perylene-d12	17.60	264	267561	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	463586	120.75	ng	-0.03
7) Phenol-d6	6.54	99	590743	120.72	ng	-0.02
23) Nitrobenzene-d5	7.63	82	338775	70.77	ng	-0.03
41) 2,4,6-Tribromophenol	11.66	330	167086	117.95	ng	-0.03
44) 2-Fluorobiphenyl	9.86	172	669069	74.02	ng	-0.02
78) Terphenyl-d14	14.50	244	708815	66.85	ng	-0.03
Target Compounds						Qvalue
49) Dimethylphthalate	10.38	163	150370	15.82	ng	# 98
70) Phenanthrene	12.54	178	122071	9.34	ng	99
71) Anthracene	12.61	178	31350	2.36	ng	99
74) Fluoranthene	14.01	202	194399	13.87	ng	99
77) Pyrene	14.29	202	182312	11.83	ng	99
80) Benzo(a)anthracene	15.78	228	112476	7.86	ng	97
82) Chrysene	15.83	228	94629	6.95	ng	98
85) Indeno(1,2,3-cd)pyrene	18.93	276	66878	3.82	ng	95
87) Benzo(b)fluoranthene	17.13	252	137120m	8.99	ng	
88) Benzo(k)fluoranthene	17.17	252	50107m	3.67	ng	
89) Benzo(a)pyrene	17.53	252	99839	5.78	ng	# 96
91) Benzo(g,h,i)perylene	19.30	276	71581	2.22	ng	94

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

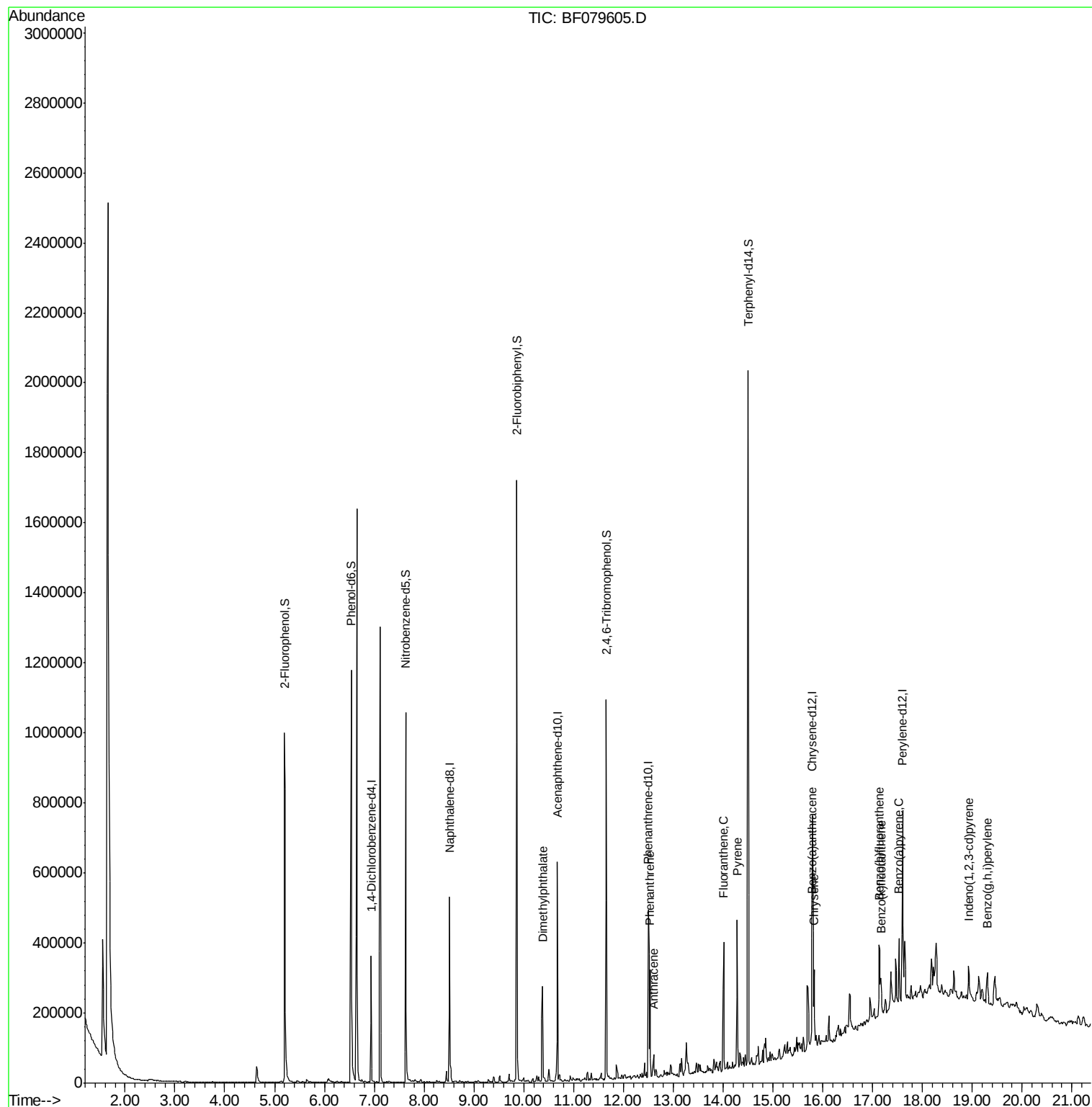
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF053015\
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ALS Vial : 8 Sample Multiplier: 1

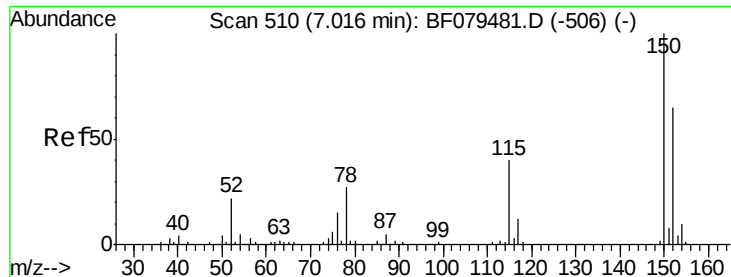
Instrument :
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PJBLVD10.1(2)

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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF052615.M
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#1

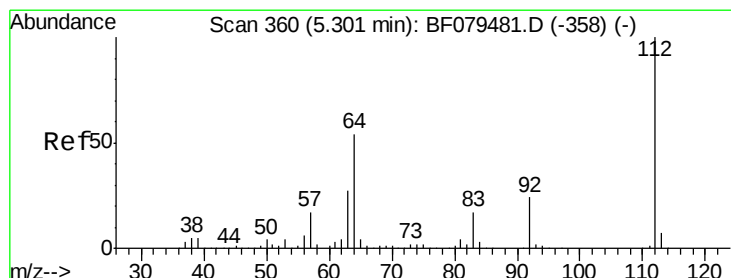
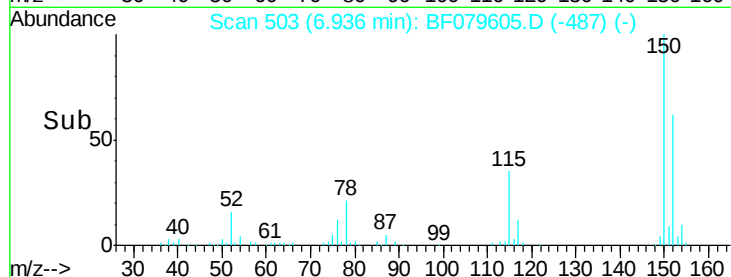
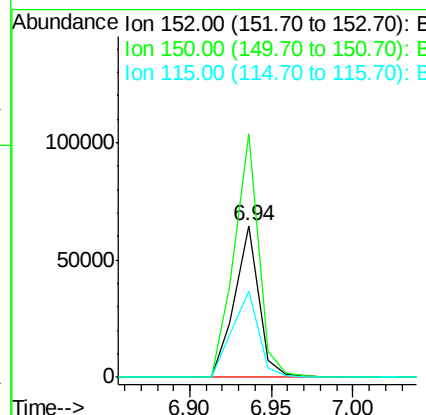
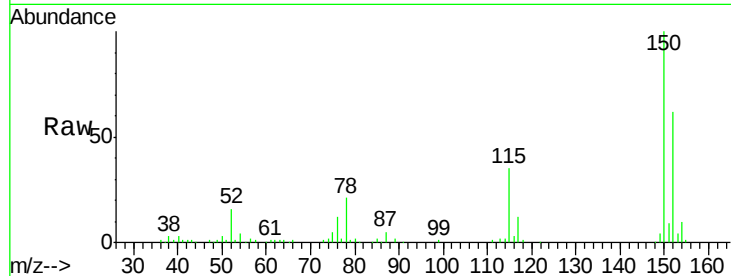
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 503
Delta R.T. -0.02 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.4	124.0	186.0
115	56.5	49.6	74.4

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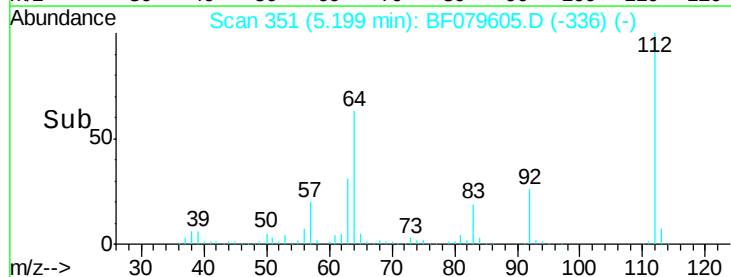
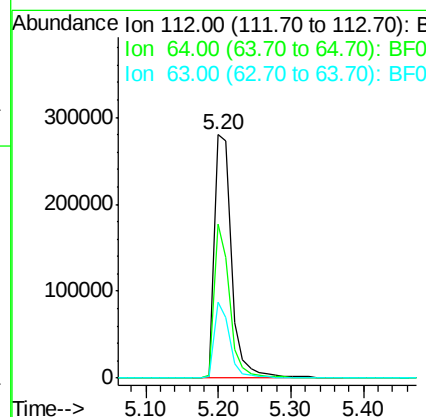
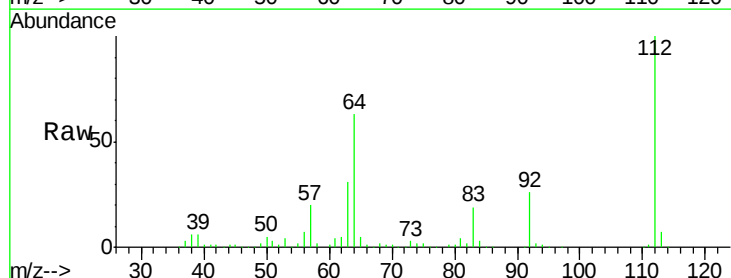
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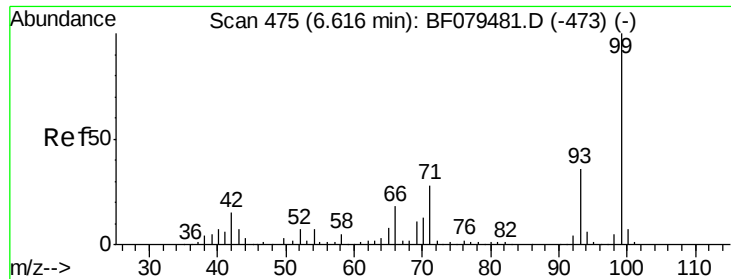


#5

2-Fluorophenol
Concen: 120.75 ng
RT: 5.20 min Scan# 351
Delta R.T. -0.03 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	43.5	65.3
63	31.4	21.8	32.8





#7

Phenol-d6

Concen: 120.72 ng

RT: 6.54 min Scan# 468

Delta R.T. -0.02 min

Lab File: BF079605.D

Acq: 30 May 2015 16:17

Instrument :

BNA_F

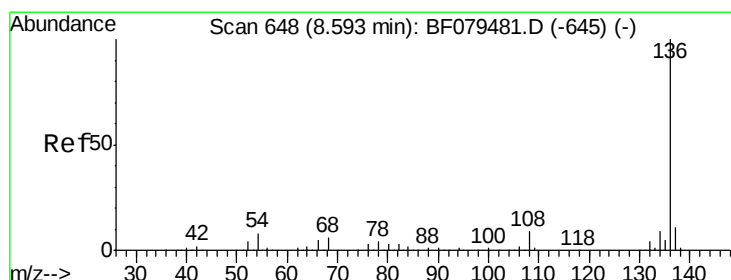
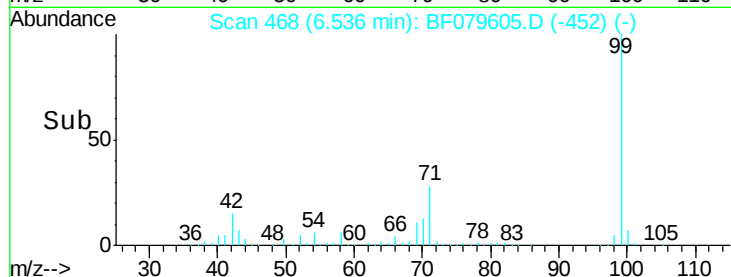
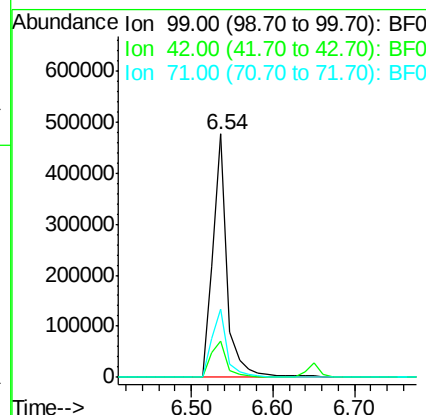
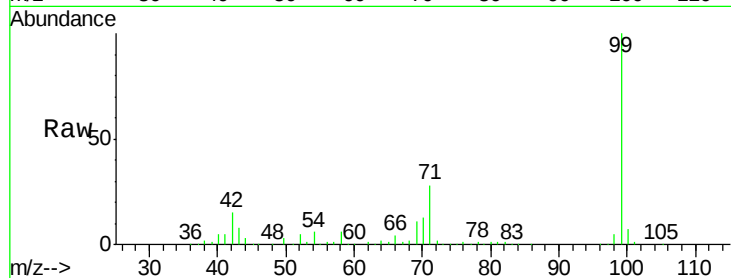
ClientSampleId :

PJBLVD10.1(2)

Tgt Ion:	99	Resp:	590743
Ion Ratio	Lower	Upper	
99	100		
42	14.8	11.9	17.9
71	28.3	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng

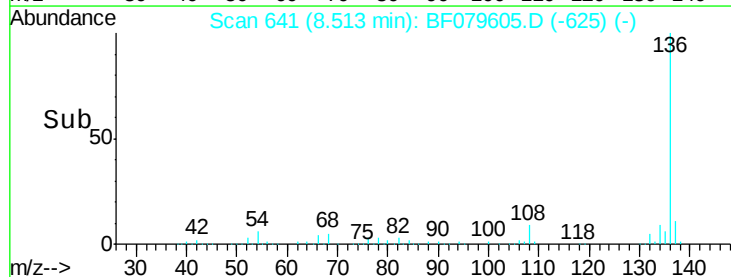
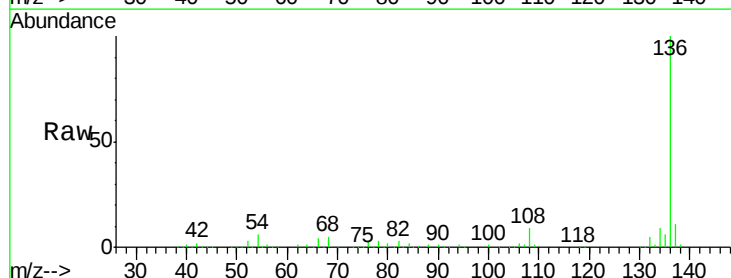
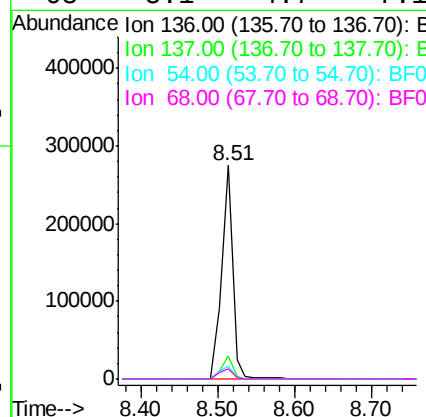
RT: 8.51 min Scan# 641

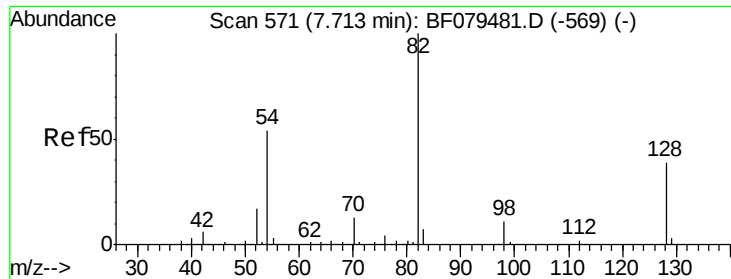
Delta R.T. -0.02 min

Lab File: BF079605.D

Acq: 30 May 2015 16:17

Tgt Ion:	136	Resp:	276717
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.2	6.6	9.8
68	5.1	4.7	7.1





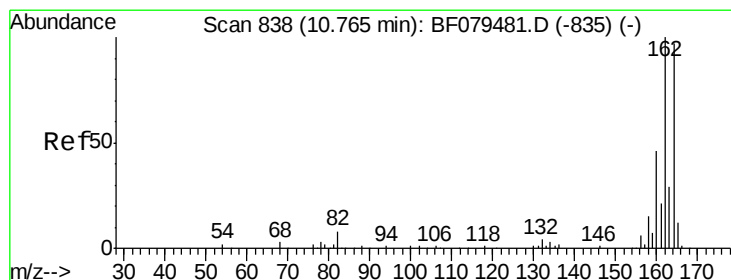
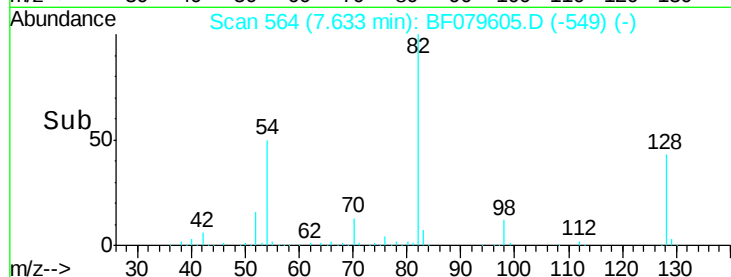
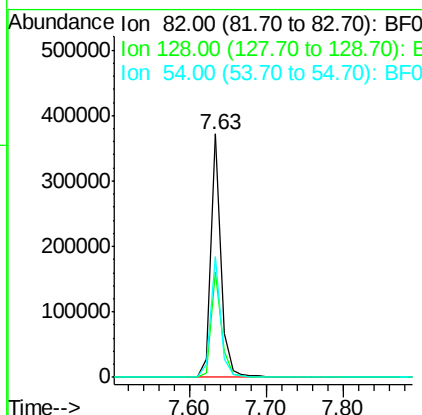
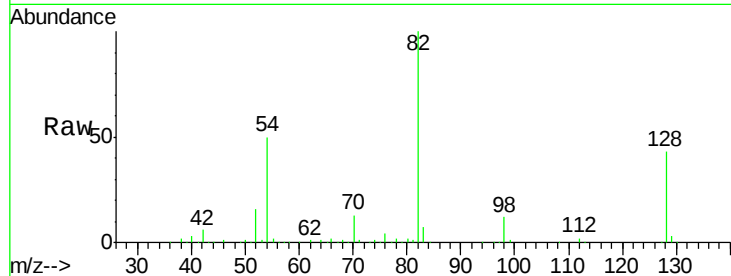
#23
Nitrobenzene-d5
Concen: 70.77 ng
RT: 7.63 min Scan# 564
Delta R.T. -0.03 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	338775		
128	43.3	30.8	46.2	
54	49.7	42.8	64.2	

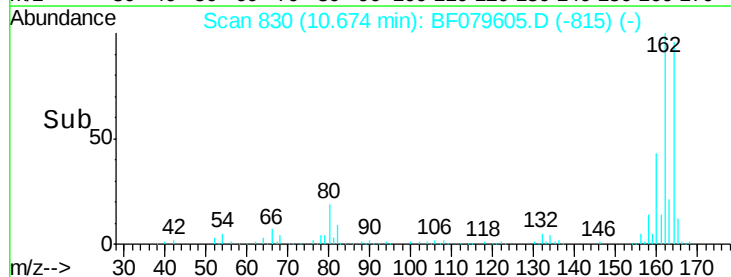
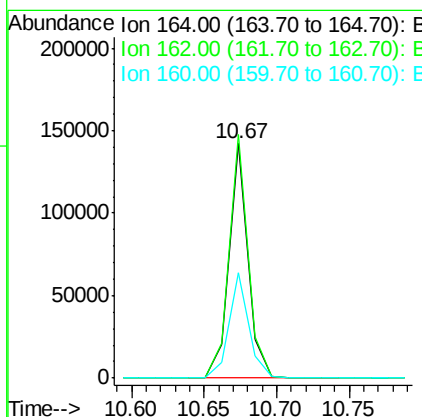
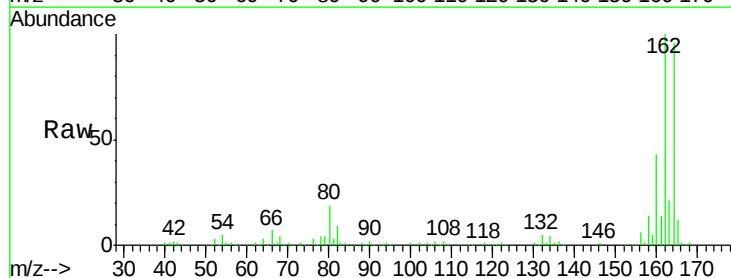
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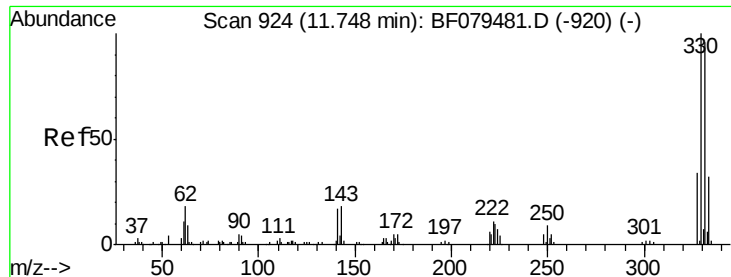
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.67 min Scan# 830
Delta R.T. -0.03 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	128966		
162	103.9	82.6	124.0	
160	45.1	37.7	56.5	





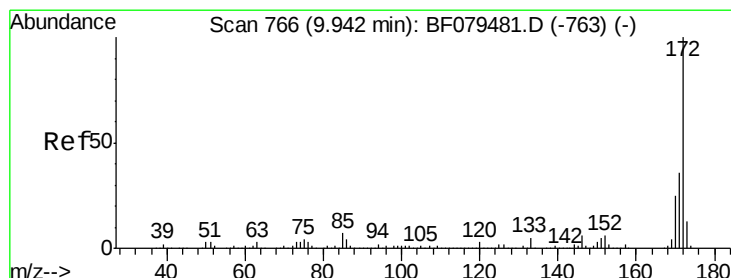
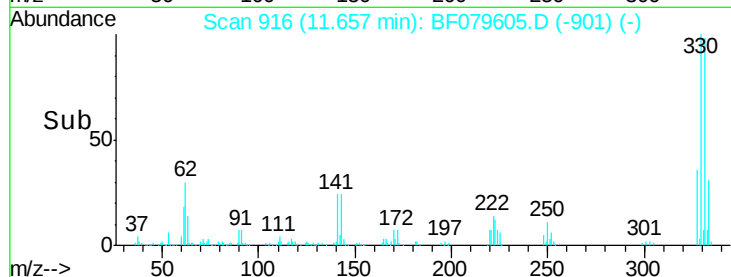
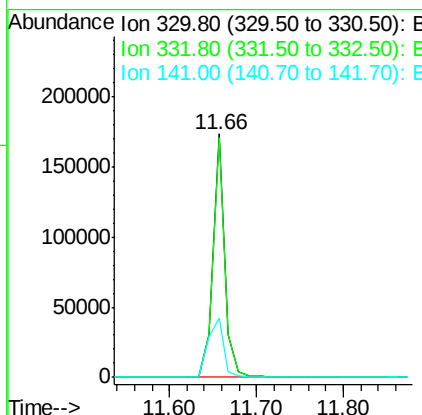
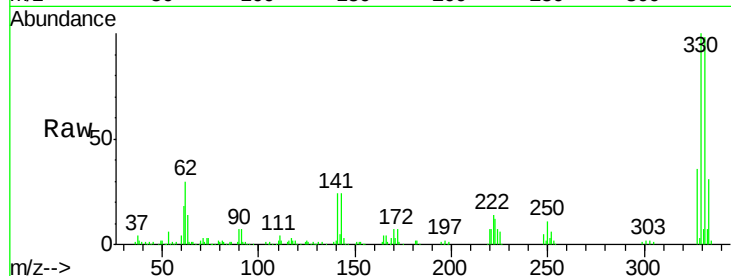
#41
 2,4,6-Tribromophenol
 Concen: 117.95 ng
 RT: 11.66 min Scan# 916
 Delta R.T. -0.03 min
 Lab File: BF079605.D
 Acq: 30 May 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PJB�VD10.1(2)

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	98.3	0.0	0.0#
141	31.8	0.0	0.0#

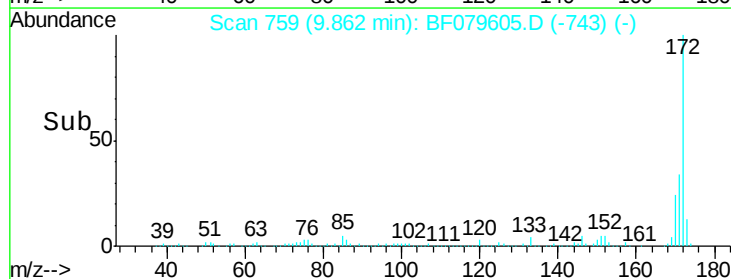
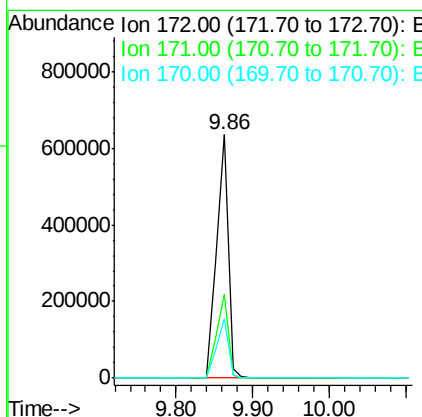
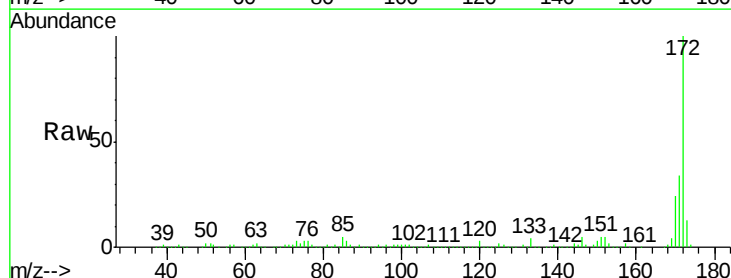
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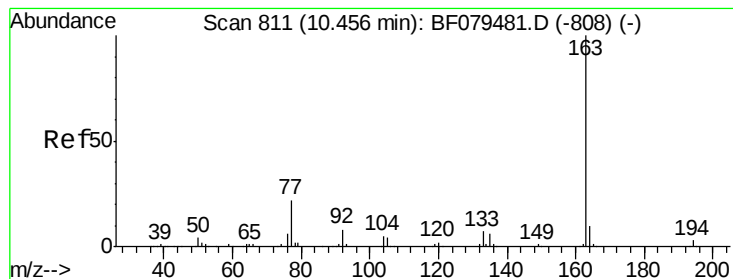
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#44
 2-Fluorobiphenyl
 Concen: 74.02 ng
 RT: 9.86 min Scan# 759
 Delta R.T. -0.02 min
 Lab File: BF079605.D
 Acq: 30 May 2015 16:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
172	100		
171	34.5	28.5	42.7
170	24.2	19.7	29.5





#49

Dimethylphthalate

Concen: 15.82 ng

RT: 10.38 min Scan# 804

Delta R.T. -0.03 min

Lab File: BF079605.D

Acq: 30 May 2015 16:17

Instrument :

BNA_F

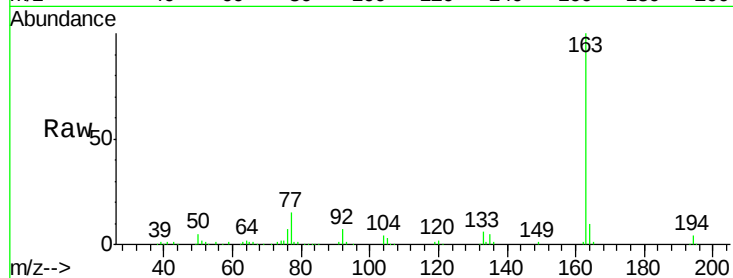
ClientSampleId :

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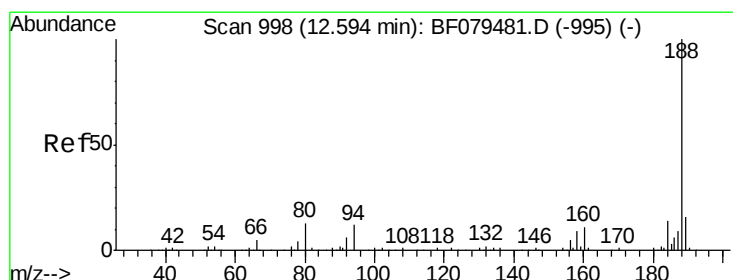
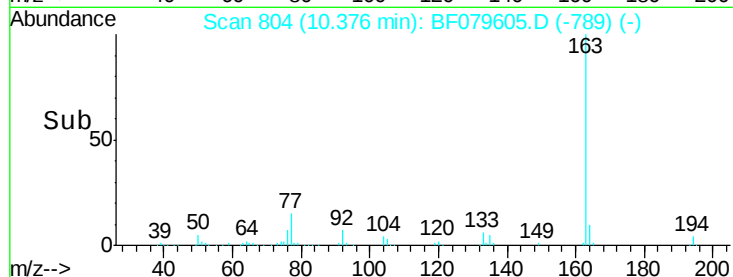
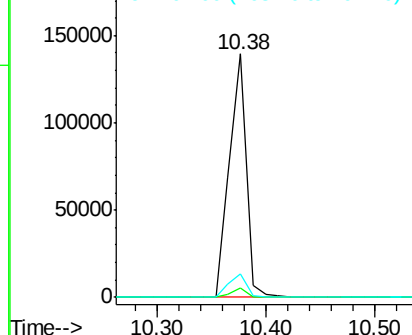
Tgt Ion:	163	Resp:	150370
Ion Ratio	Lower	Upper	
163	100		
194	3.8	2.4	3.6#
164	9.8	8.2	12.4

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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

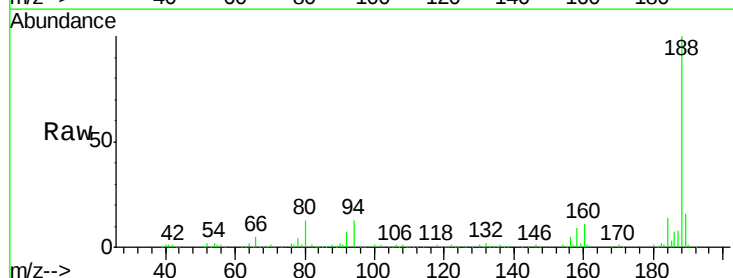
RT: 12.50 min Scan# 990

Delta R.T. -0.03 min

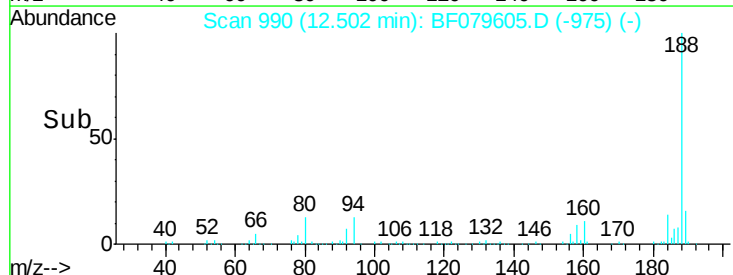
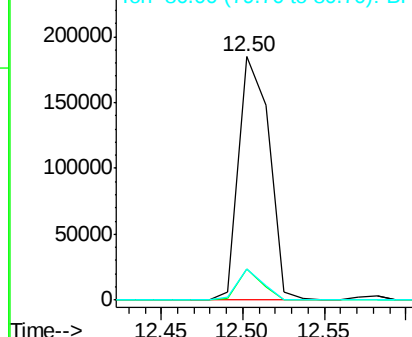
Lab File: BF079605.D

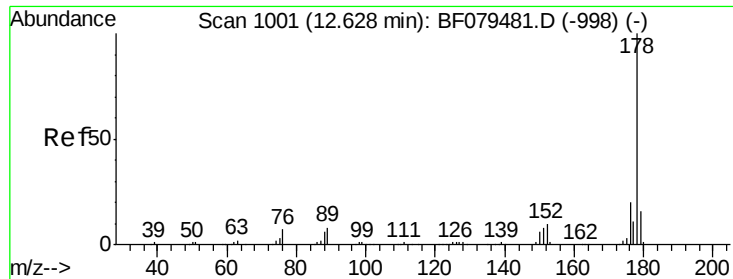
Acq: 30 May 2015 16:17

Tgt Ion:	188	Resp:	238202
Ion Ratio	Lower	Upper	
188	100		
94	13.0	9.8	14.6
80	12.7	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





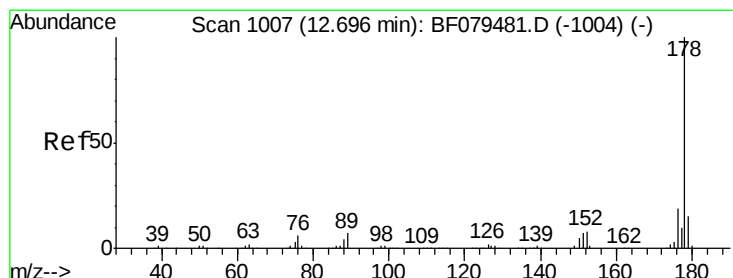
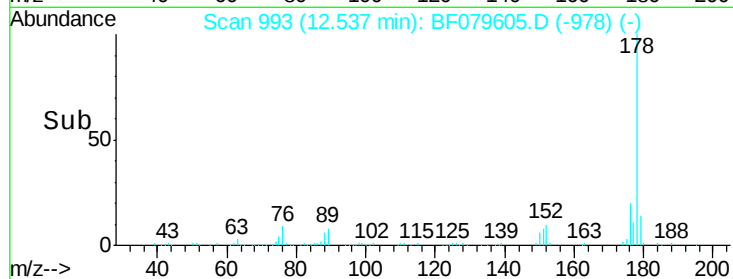
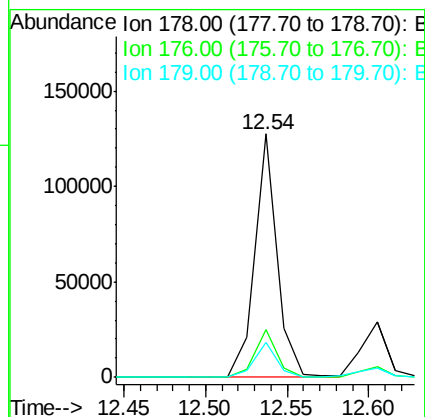
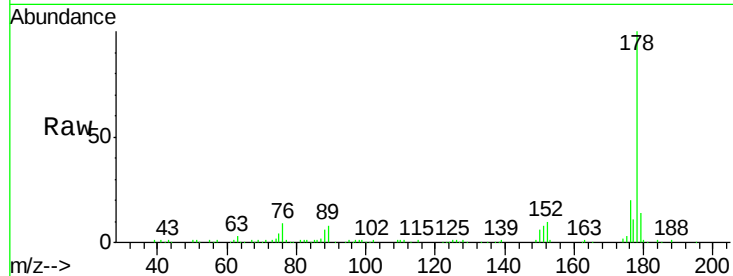
#70
Phenanthrene
Concen: 9.34 ng
RT: 12.54 min Scan# 993
Delta R.T. -0.03 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.7	23.5
179	14.4	12.4	18.6

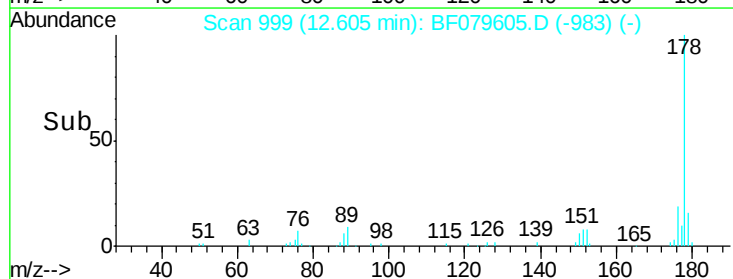
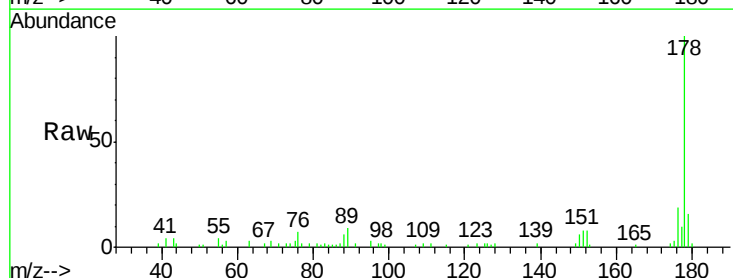
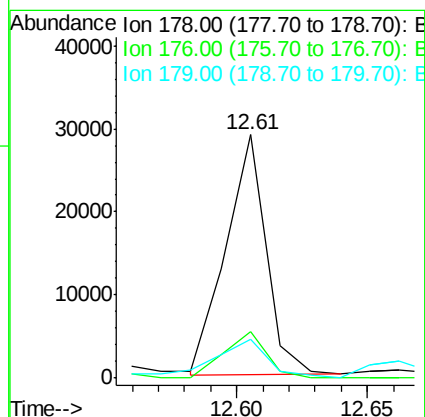
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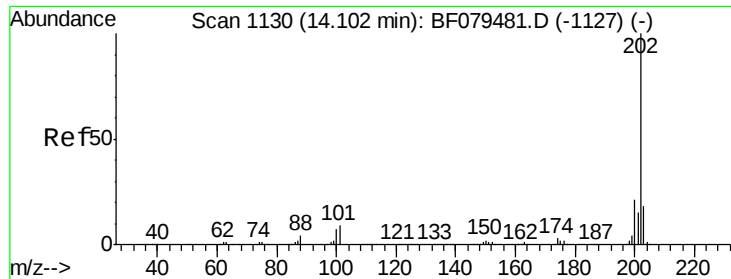
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#71
Anthracene
Concen: 2.36 ng
RT: 12.61 min Scan# 999
Delta R.T. -0.02 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	16.2	12.2	18.4





#74

Fluoranthene

Concen: 13.87 ng

RT: 14.01 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BF079605.D

Acq: 30 May 2015 16:17

Instrument :

BNA_F

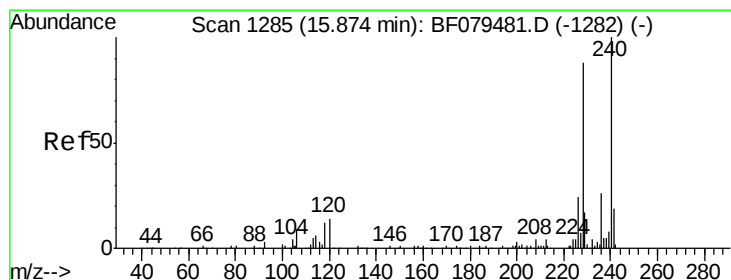
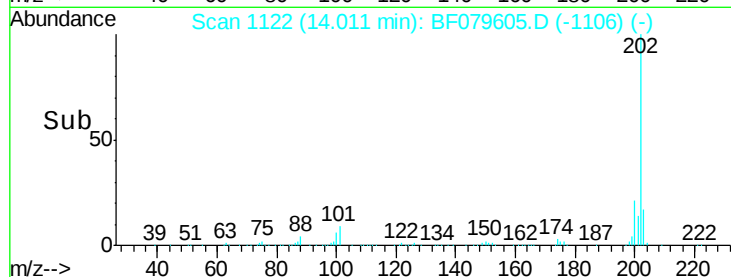
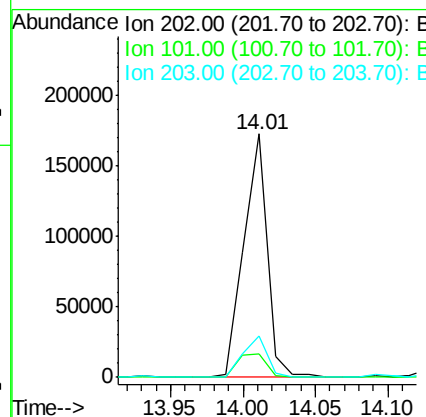
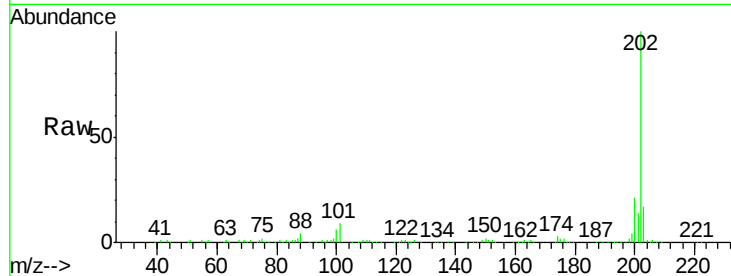
ClientSampleId :

PJBLVD10.1(2)

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		194399		
101	9.4	0.0	29.3		
203	17.0	0.0	37.6		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

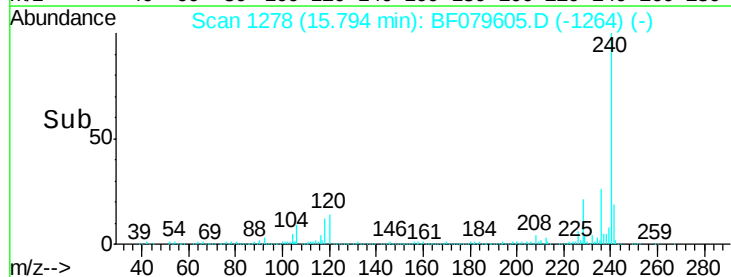
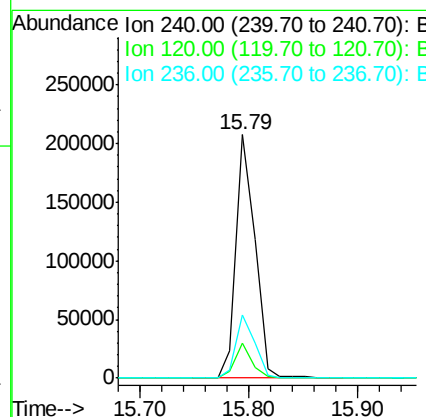
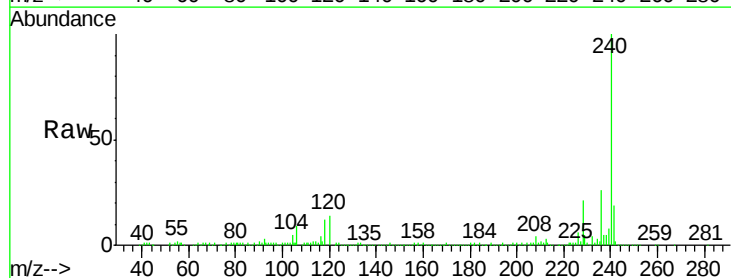
RT: 15.79 min Scan# 1278

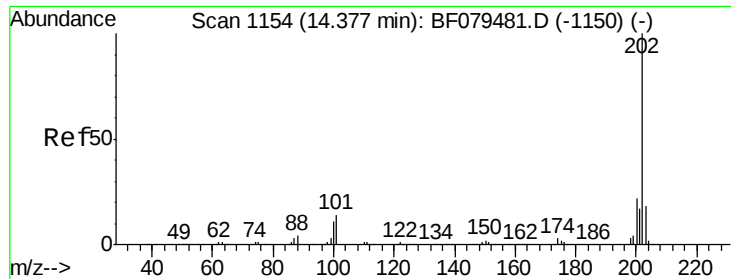
Delta R.T. -0.05 min

Lab File: BF079605.D

Acq: 30 May 2015 16:17

Tgt	Ion	Ratio	Resp	Lower	Upper
240	100		248842		
120	14.2	10.8	16.2		
236	26.0	21.0	31.6		





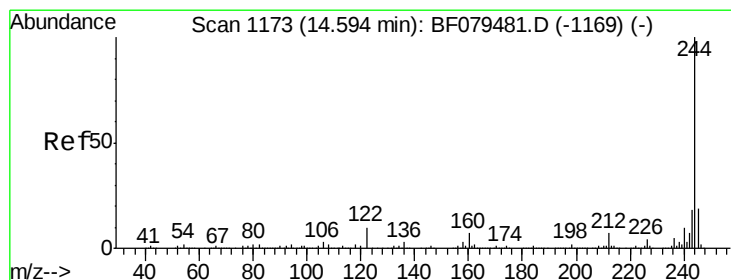
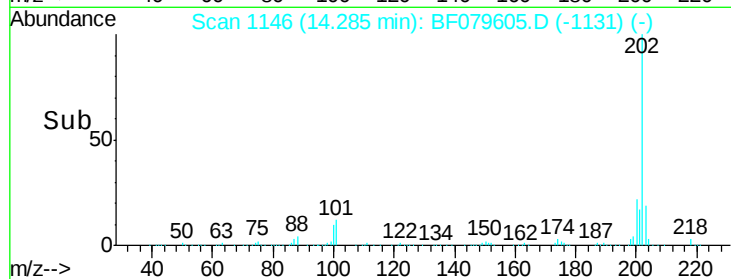
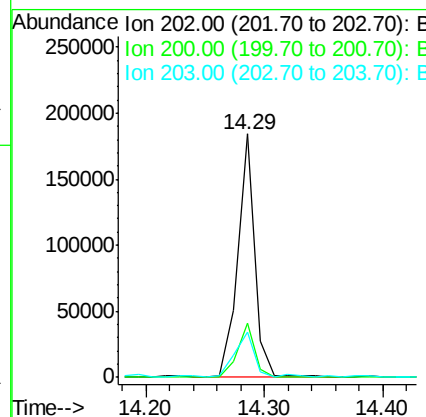
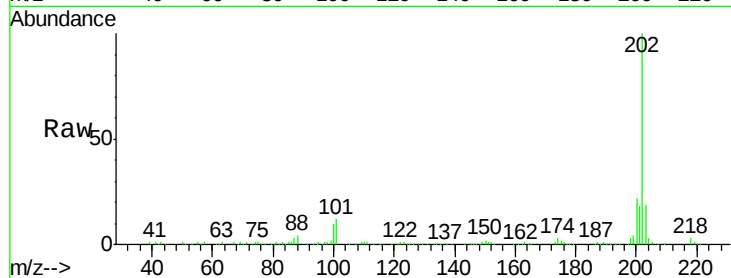
#77
 Pyrene
 Concen: 11.83 ng
 RT: 14.29 min Scan# 1146
 Delta R.T. -0.03 min
 Lab File: BF079605.D
 Acq: 30 May 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PJBLVD10.1(2)

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	182312		
200	22.0	17.5	26.3	
203	18.7	14.4	21.6	

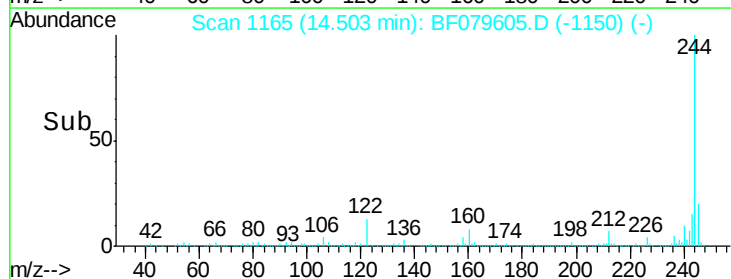
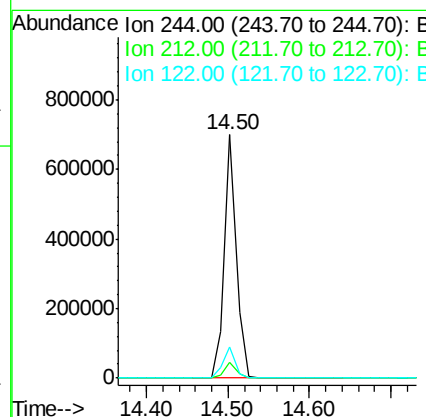
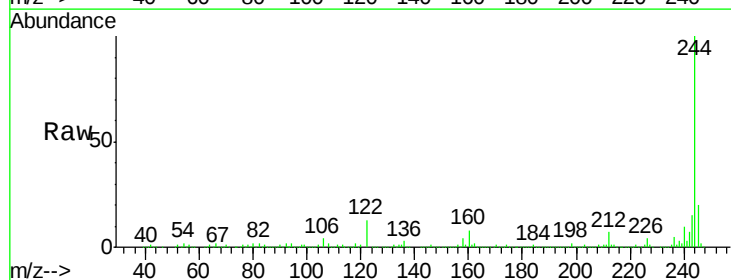
Manual Integrations
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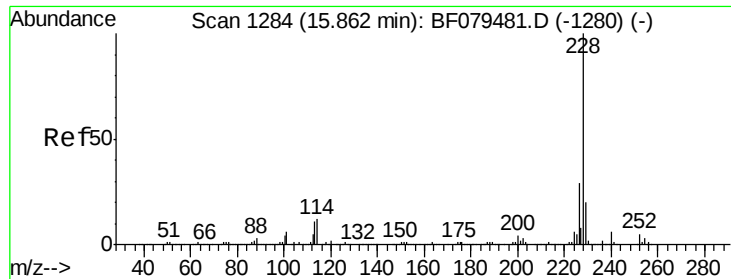
apatel
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#78
 Terphenyl-d14
 Concen: 66.85 ng
 RT: 14.50 min Scan# 1165
 Delta R.T. -0.03 min
 Lab File: BF079605.D
 Acq: 30 May 2015 16:17

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	708815		
212	6.7	5.2	7.8	
122	13.0	8.0	12.0	





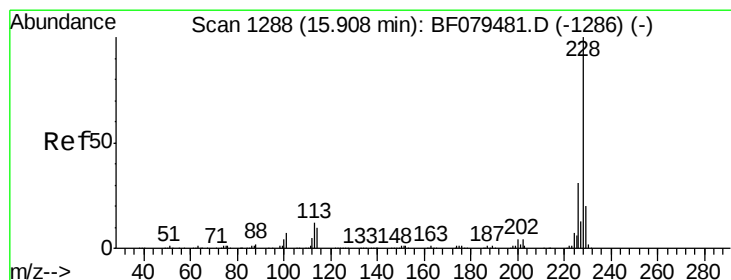
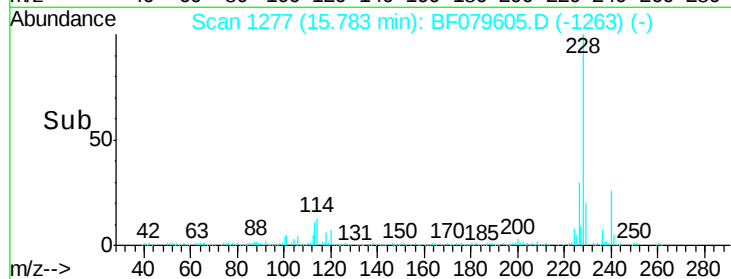
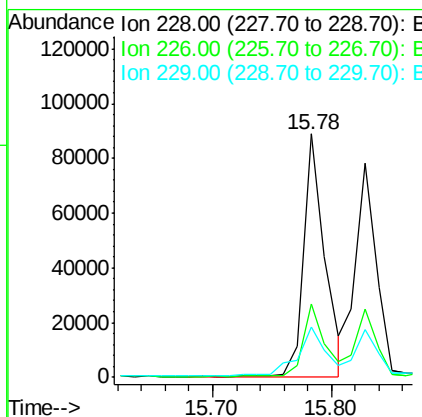
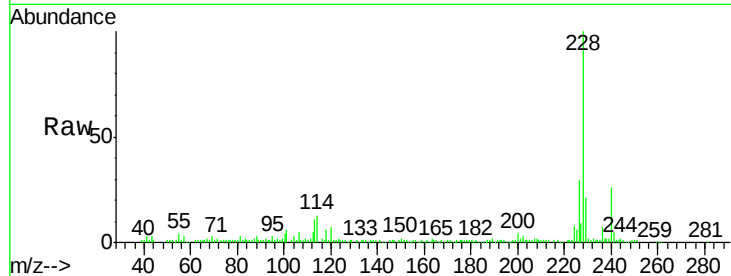
#80
Benzo(a)anthracene
Concen: 7.86 ng
RT: 15.78 min Scan# 1277
Delta R.T. -0.05 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.4	22.8	34.2
229	20.7	15.9	23.9

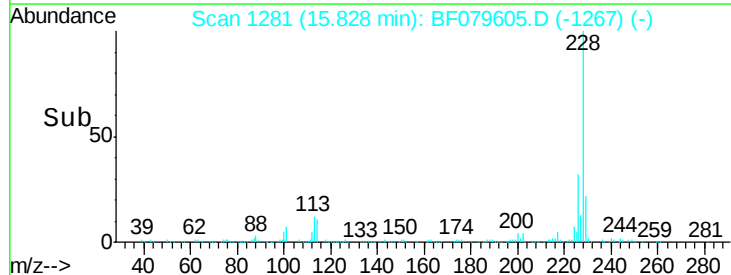
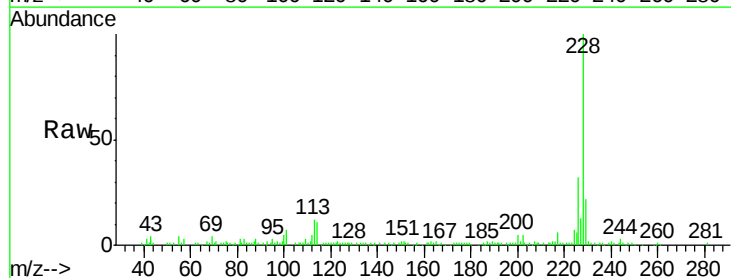
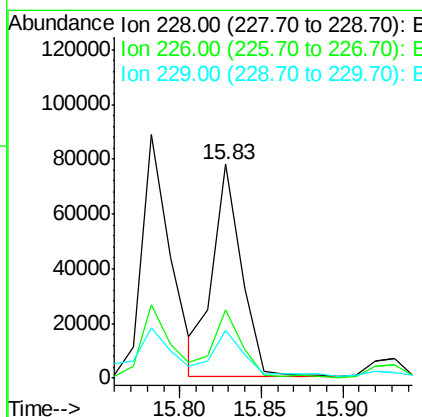
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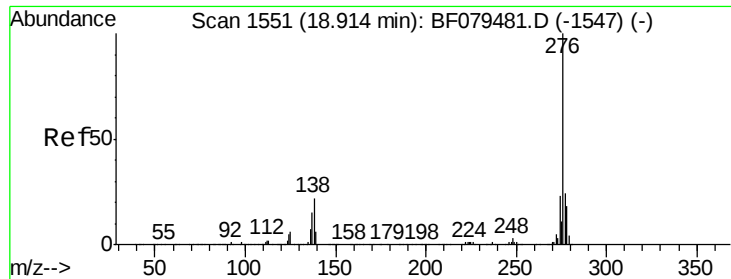
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#82
Chrysene
Concen: 6.95 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.7	25.0	37.4
229	22.1	15.9	23.9





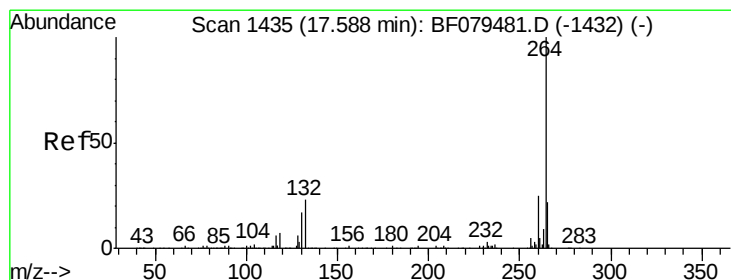
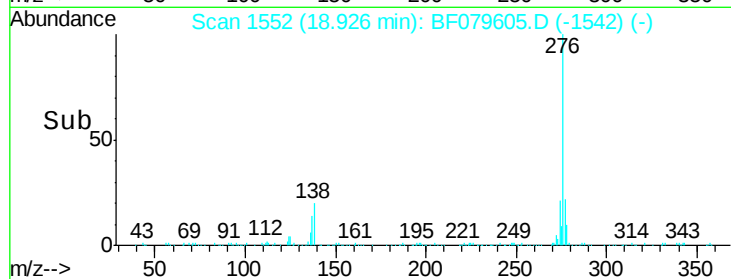
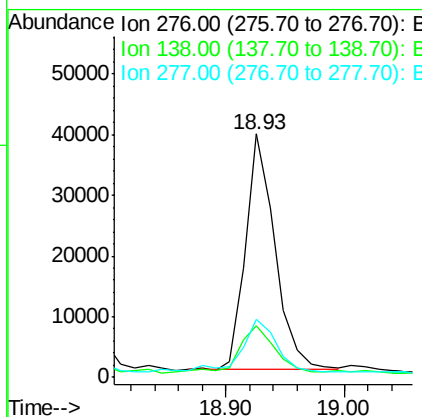
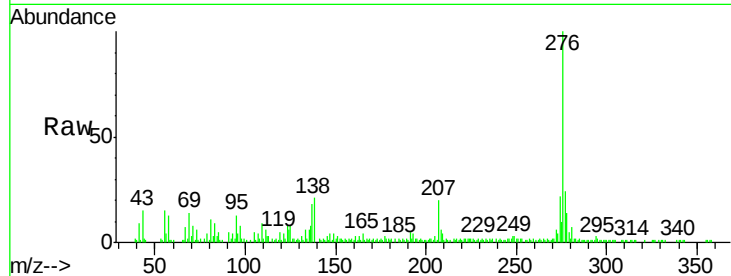
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 3.82 ng
 RT: 18.93 min Scan# 1552
 Delta R.T. -0.09 min
 Lab File: BF079605.D
 Acq: 30 May 2015 16:17

Instrument :
 BNA_F
 ClientSampleId :
 PJB�VD10.1(2)

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.0	21.4	32.2
277	26.9	19.8	29.6

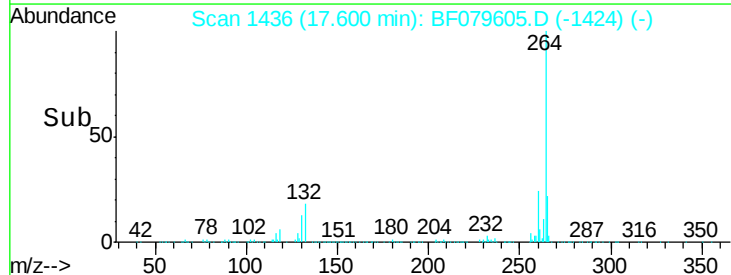
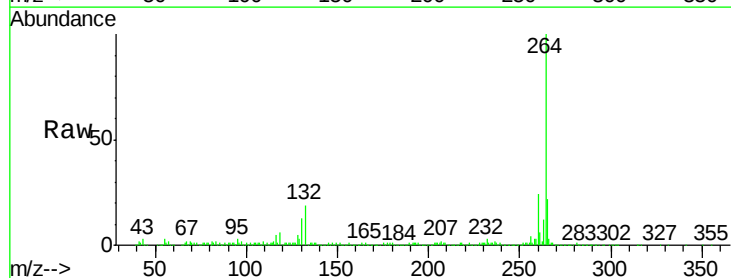
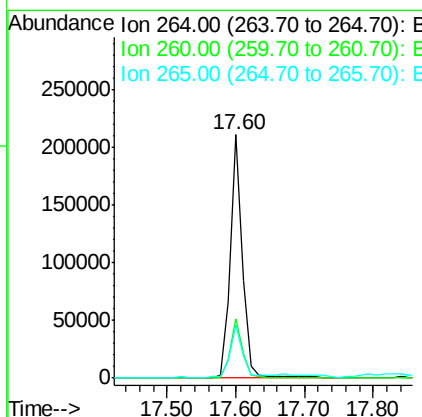
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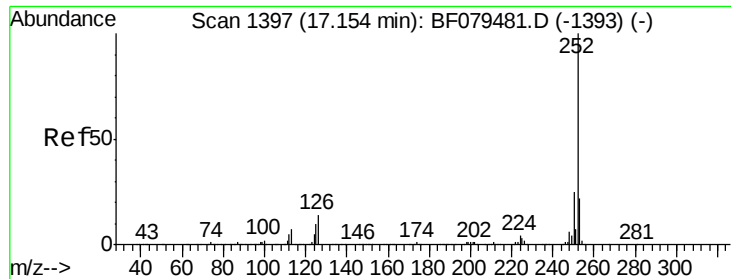
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.60 min Scan# 1436
 Delta R.T. -0.07 min
 Lab File: BF079605.D
 Acq: 30 May 2015 16:17

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.8	29.8
265	21.9	17.8	26.6





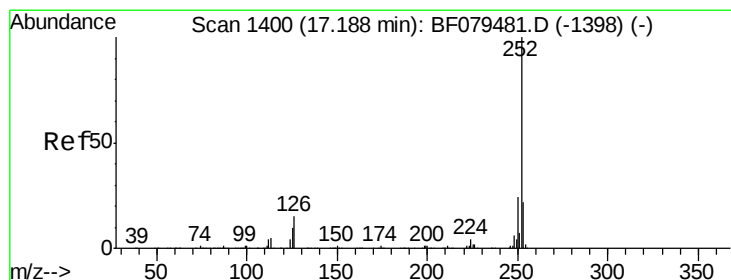
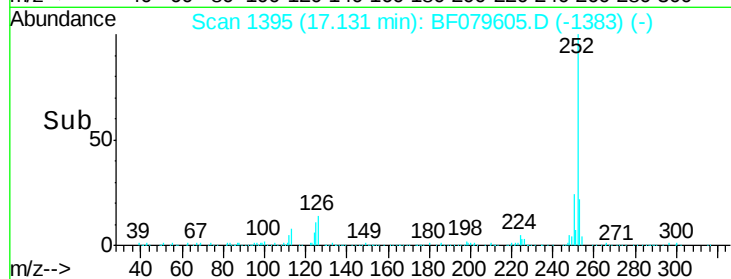
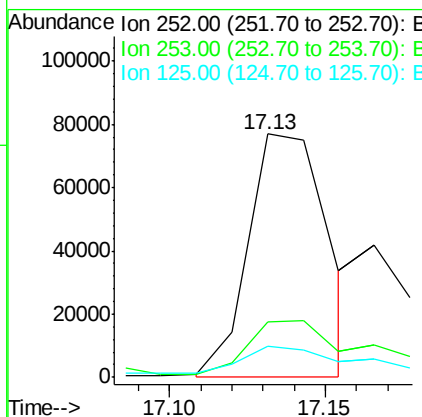
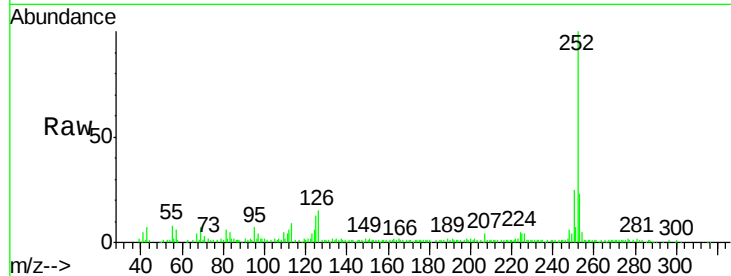
#87
Benzo(b)fluoranthene
Concen: 8.99 ng m
RT: 17.13 min Scan# 1395
Delta R.T. -0.07 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Instrument :
BNA_F
ClientSampleId :
PJBLVD10.1(2)

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.6	26.4
125	13.0	7.8	11.6

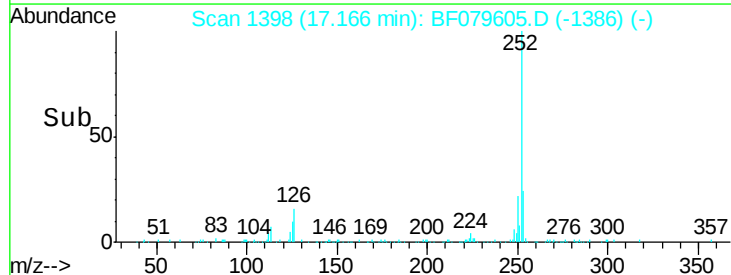
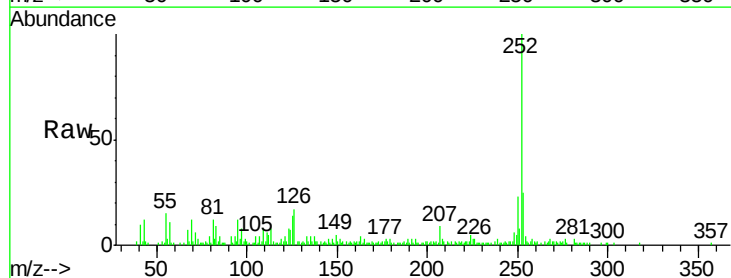
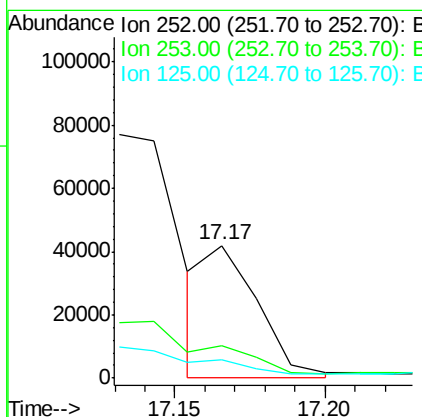
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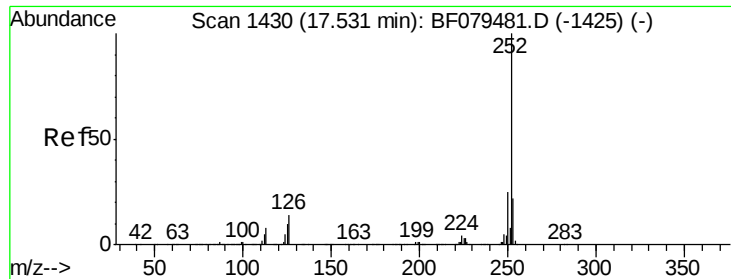
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#88
Benzo(k)fluoranthene
Concen: 3.67 ng m
RT: 17.17 min Scan# 1398
Delta R.T. -0.07 min
Lab File: BF079605.D
Acq: 30 May 2015 16:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.2	25.8
125	13.6	6.8	10.2





#89

Benzo(a)pyrene

Concen: 5.78 ng

RT: 17.53 min Scan# 1430

Delta R.T. -0.08 min

Lab File: BF079605.D

Acq: 30 May 2015 16:17

Instrument :

BNA_F

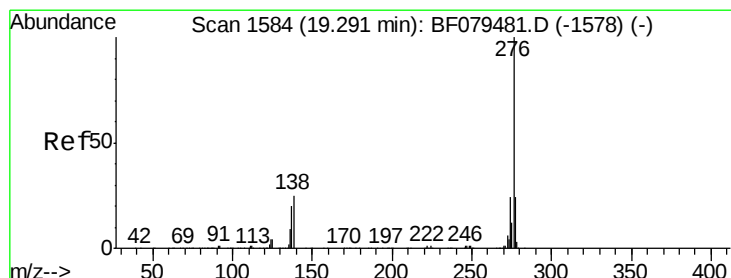
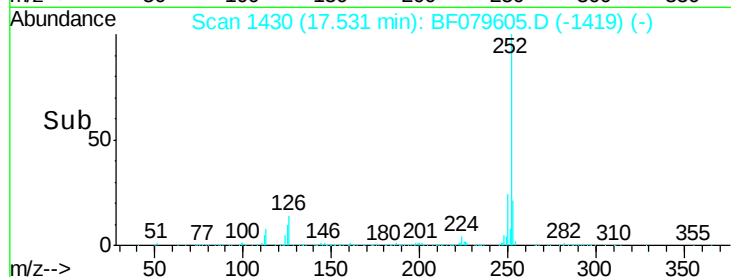
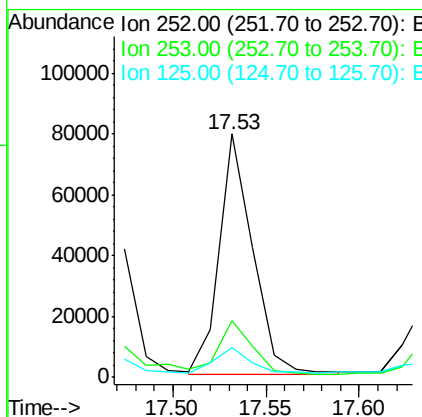
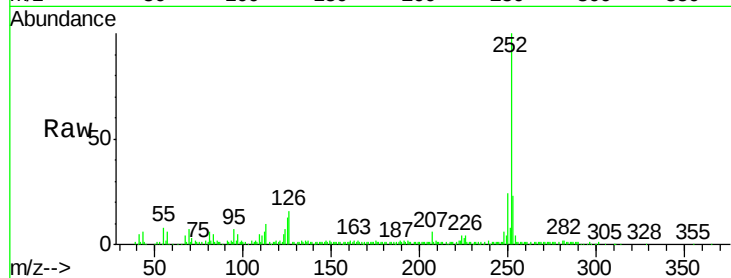
ClientSampleId :

PJBLVD10.1(2)

Tgt Ion:	252	Resp:	99839
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.8	26.8
125	12.5	7.9	11.9#

Manual Integrations
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#91

Benzo(g,h,i)perylene

Concen: 2.22 ng

RT: 19.30 min Scan# 1585

Delta R.T. -0.10 min

Lab File: BF079605.D

Acq: 30 May 2015 16:17

Tgt Ion:	276	Resp:	71581
Ion Ratio	Lower	Upper	
276	100		
277	25.2	19.1	28.7
138	20.3	20.1	30.1

