

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
 Data File : BF079593.D
 Acq On : 30 May 2015 8:59
 Operator : TP/IZ
 Sample : G2416-10
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMPTP-440SB3.1(6)

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Quant Time: May 31 06:19:44 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	67099	20.00	ng	-0.01
21) Naphthalene-d8	8.52	136	274899	20.00	ng	-0.01
38) Acenaphthene-d10	10.70	164	121754	20.00	ng	-0.01
63) Phenanthrene-d10	12.53	188	232270	20.00	ng	-0.01
75) Chrysene-d12	15.79	240	237517	20.00	ng	-0.05
86) Perylene-d12	17.50	264	255531	20.00	ng	-0.17
System Monitoring Compounds						
5) 2-Fluorophenol	5.22	112	536512	138.69	ng	-0.01
7) Phenol-d6	6.55	99	684042	138.73	ng	-0.01
23) Nitrobenzene-d5	7.66	82	390116	82.03	ng	-0.01
41) 2,4,6-Tribromophenol	11.67	330	185494	138.71	ng	-0.02
44) 2-Fluorobiphenyl	9.87	172	651379	76.33	ng	-0.01
78) Terphenyl-d14	14.51	244	660768	65.29	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	10.39	163	189302	21.10	ng	99
70) Phenanthrene	12.55	178	54409	4.27	ng	98
74) Fluoranthene	14.02	202	132546	9.70	ng	99
77) Pyrene	14.30	202	125335	8.52	ng	98
80) Benzo(a)anthracene	15.78	228	89444m	6.55	ng	
82) Chrysene	15.83	228	70950	5.46	ng	97
85) Indeno(1,2,3-cd)pyrene	18.79	276	45818m	2.74	ng	
87) Benzo(b)fluoranthene	17.06	252	102066m	7.00	ng	
88) Benzo(k)fluoranthene	17.10	252	31538m	2.42	ng	
89) Benzo(a)pyrene	17.44	252	74739	4.10	ng	99

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

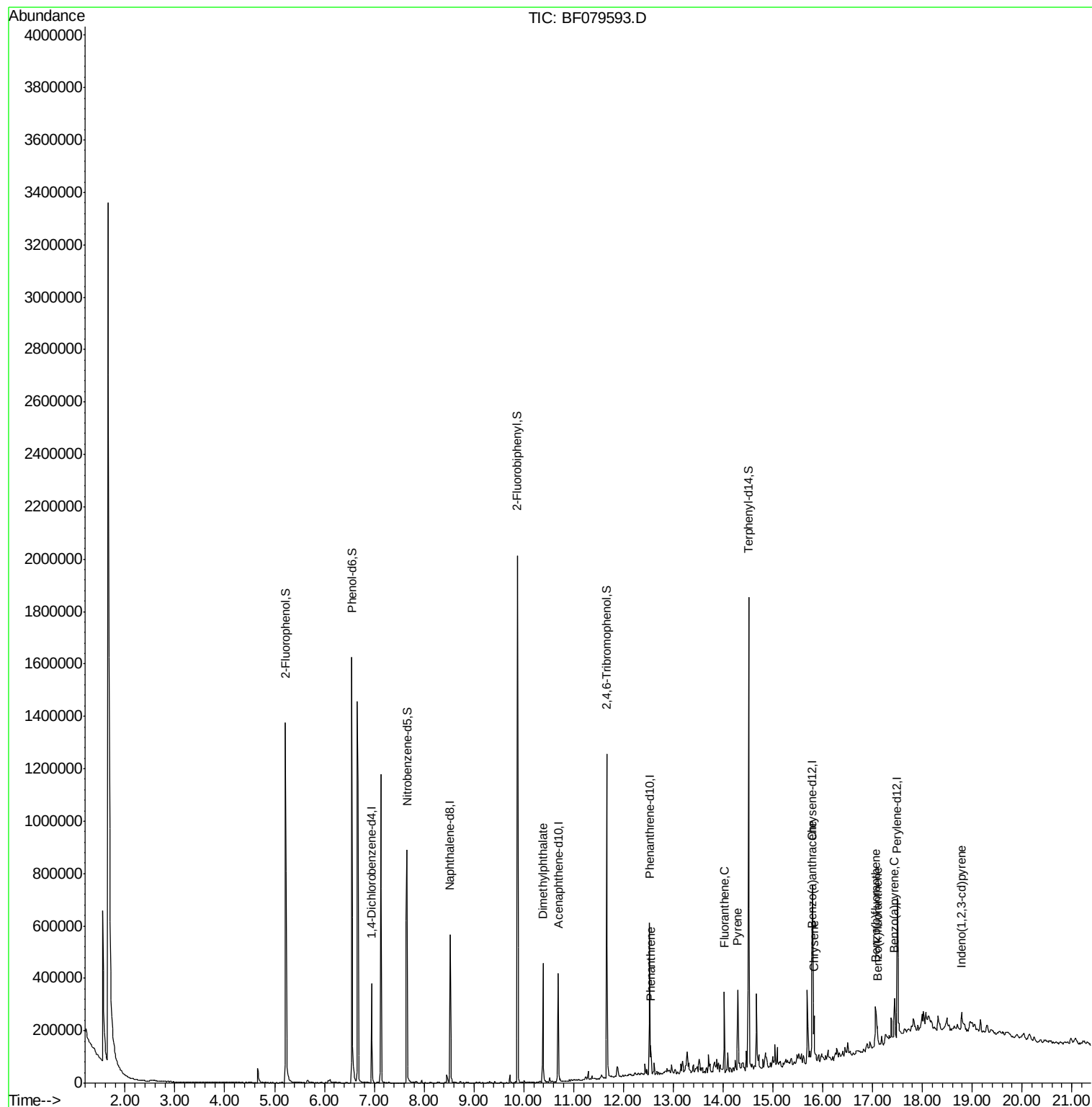
Data Path : Z:\HPCHEM1\BNA F\DATA\BF052915\
Data File : BF079593.D
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Operator : TP/IZ
Sample : G2416-10
Misc :
ALS Vial : 33 Sample Multiplier: 1

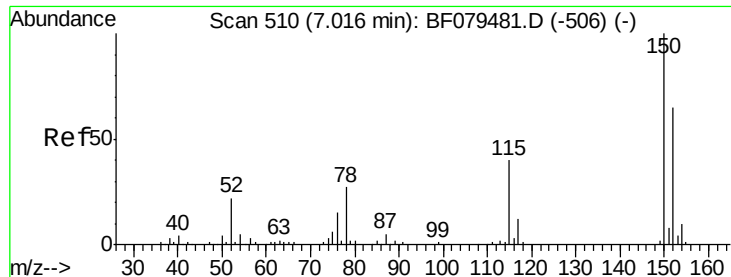
Instrument :
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ClientSampleId :
RAMPTP-440SB3.1(6)

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Quant Time: May 31 06:19:44 2015
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#1

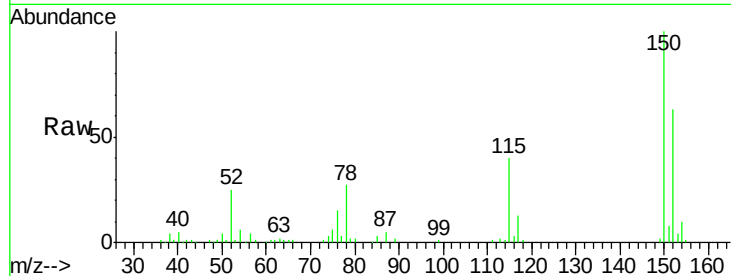
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.95 min Scan# 504
Delta R.T. -0.01 min
Lab File: BF079593.D
Acq: 30 May 2015 8:59

Instrument :
BNA_F
ClientSampleId :
RAMPTP-440SB3.1(6)

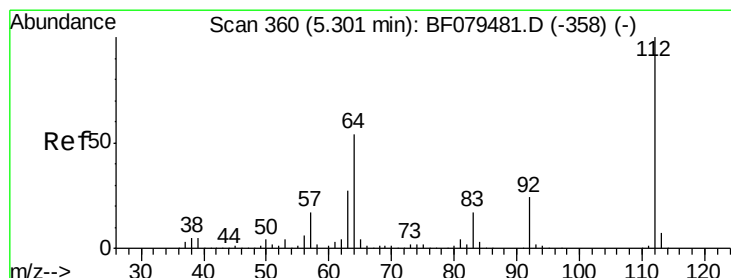
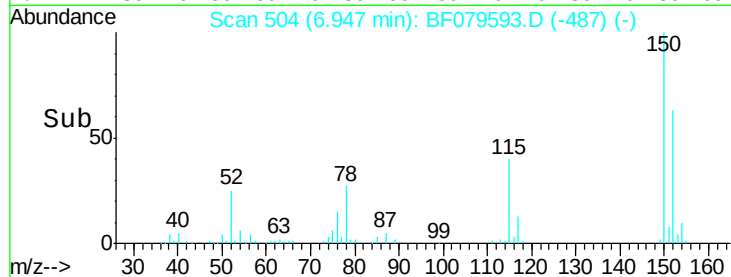
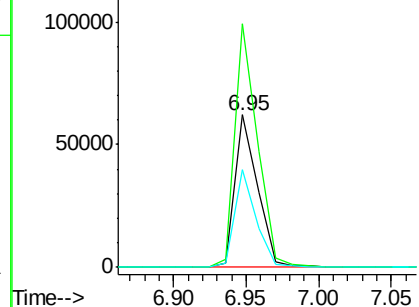
Tot Ion	Ratio	Lower	Upper
152	100		
150	159.8	124.0	186.0
115	64.0	49.6	74.4

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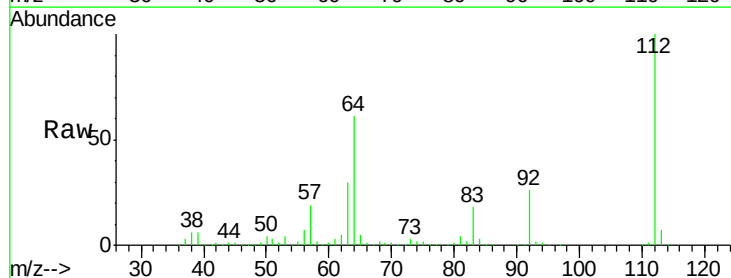
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



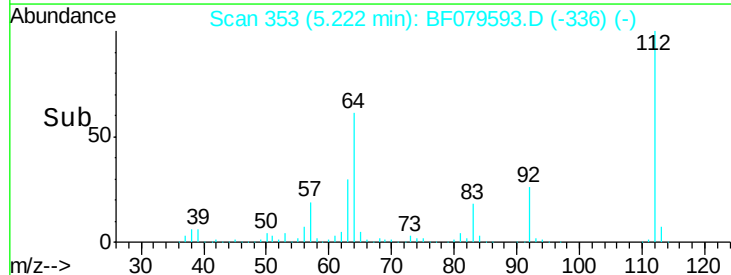
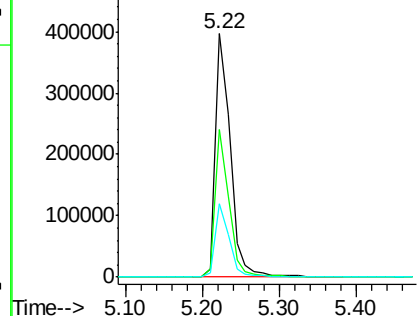
#5

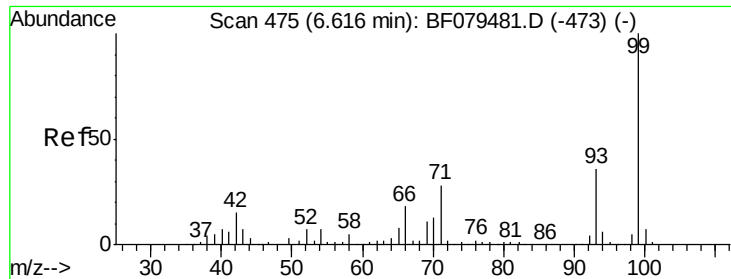
2-Fluorophenol
Concen: 138.69 ng
RT: 5.22 min Scan# 353
Delta R.T. -0.01 min
Lab File: BF079593.D
Acq: 30 May 2015 8:59

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.5	43.5	65.3
63	30.3	21.8	32.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 138.73 ng

RT: 6.55 min Scan# 469

Delta R.T. -0.01 min

Lab File: BF079593.D

Acq: 30 May 2015 8:59

Instrument :

BNA_F

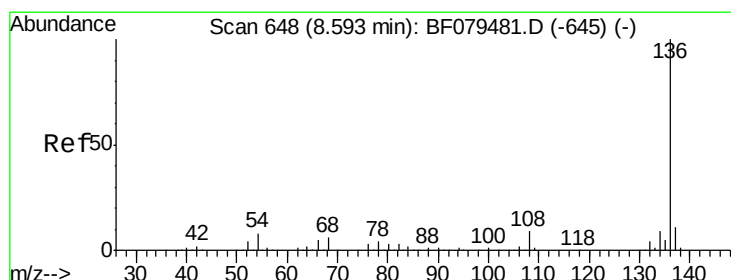
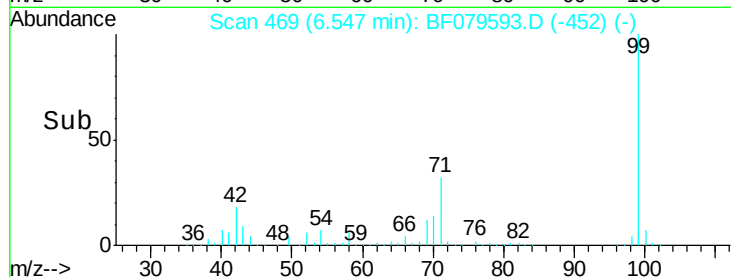
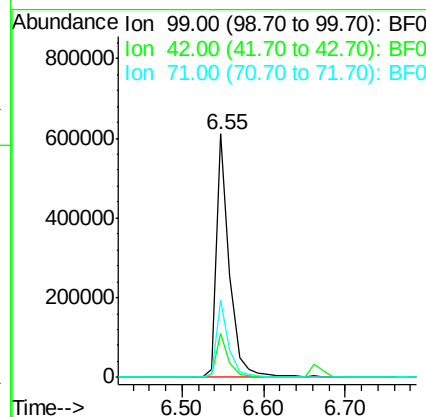
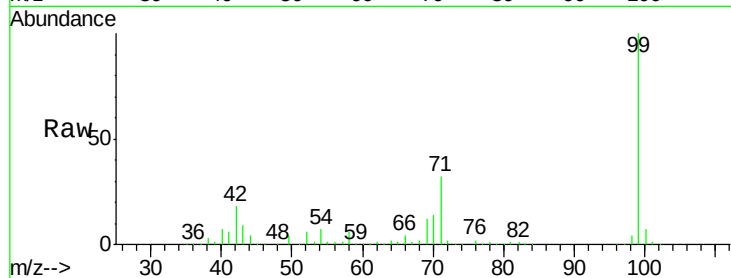
ClientSampleId :

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Tot Ion:	99	Resp:	684042
Ion Ratio	Lower	Upper	
99	100		
42	17.8	11.9	17.9
71	31.7	22.1	33.1

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#21

Naphthalene-d8

Concen: 20.00 ng

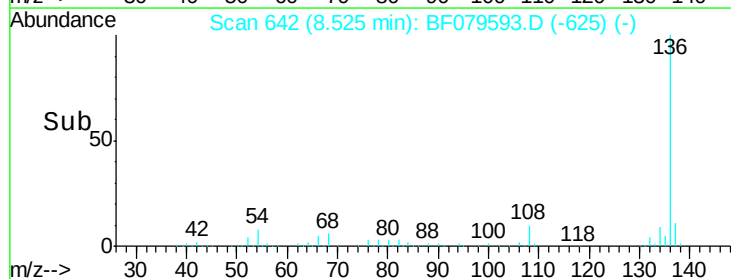
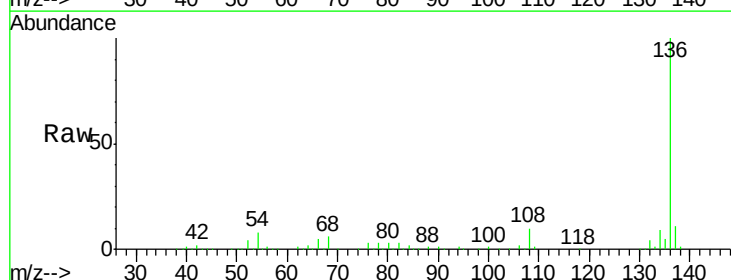
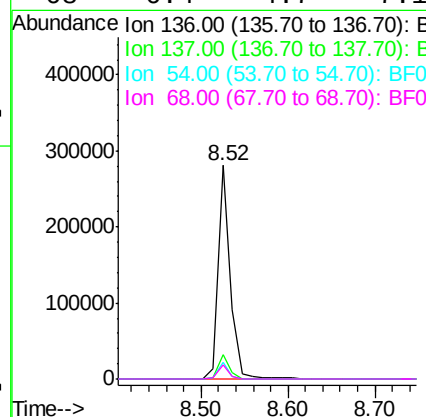
RT: 8.52 min Scan# 642

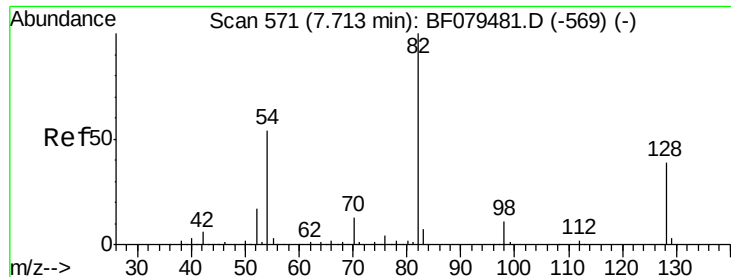
Delta R.T. -0.01 min

Lab File: BF079593.D

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Tgt Ion:	136	Resp:	274899
Ion Ratio	Lower	Upper	
136	100		
137	11.4	8.5	12.7
54	8.0	6.6	9.8
68	6.4	4.7	7.1





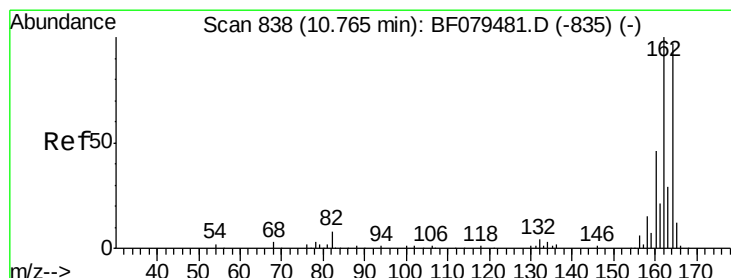
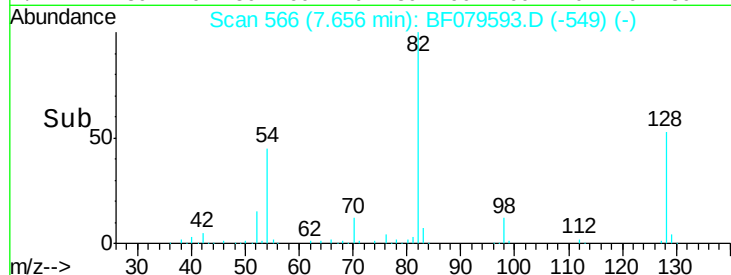
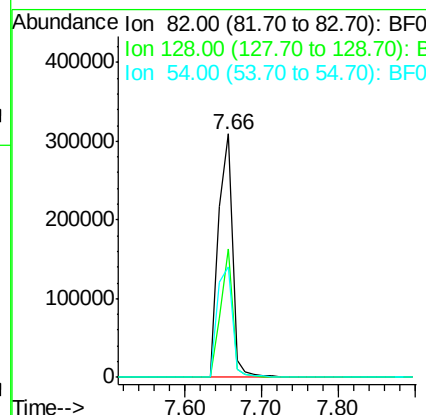
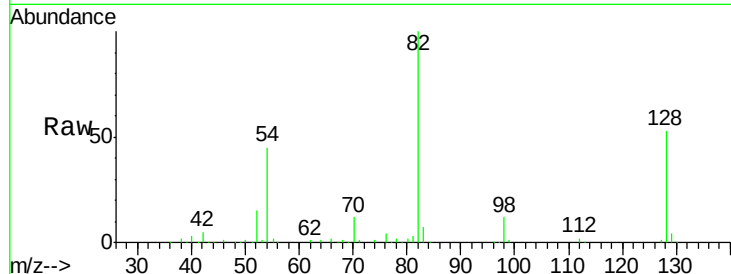
#23
 Nitrobenzene-d5
 Concen: 82.03 ng
 RT: 7.66 min Scan# 566
 Delta R.T. -0.01 min
 Lab File: BF079593.D
 Acq: 30 May 2015 8:59

Instrument :
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 ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
82	100	390116		
128	52.5	30.8	46.2	#
54	45.4	42.8	64.2	

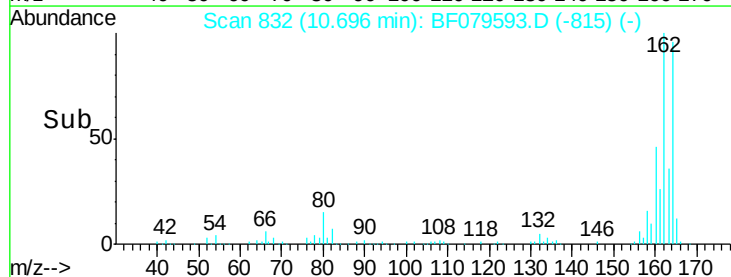
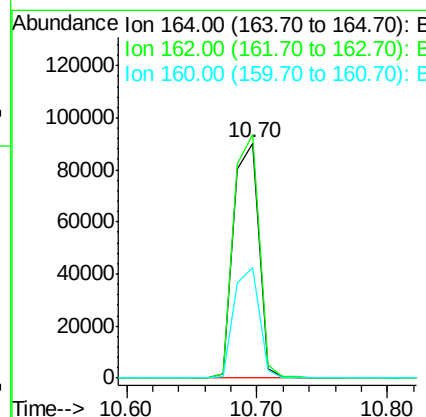
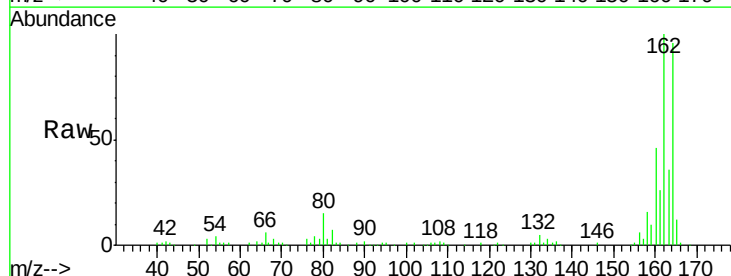
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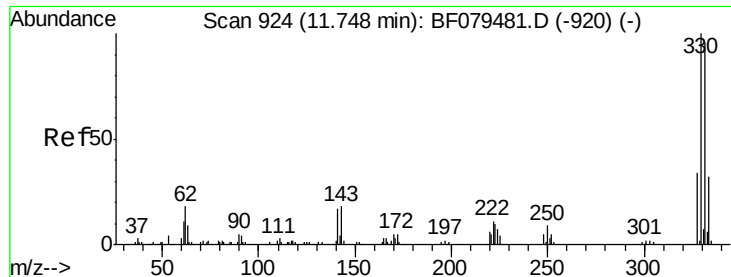
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.70 min Scan# 832
 Delta R.T. -0.01 min
 Lab File: BF079593.D
 Acq: 30 May 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	121754		
162	103.6	82.6	124.0	
160	47.3	37.7	56.5	





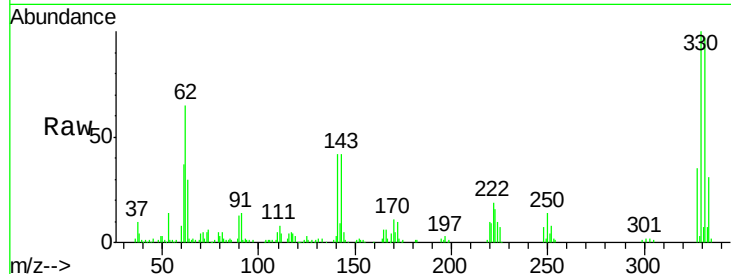
#41
 2,4,6-Tribromophenol
 Concen: 138.71 ng
 RT: 11.67 min Scan# 917
 Delta R.T. -0.02 min
 Lab File: BF079593.D
 Acq: 30 May 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 RAMPTP-440SB3.1(6)

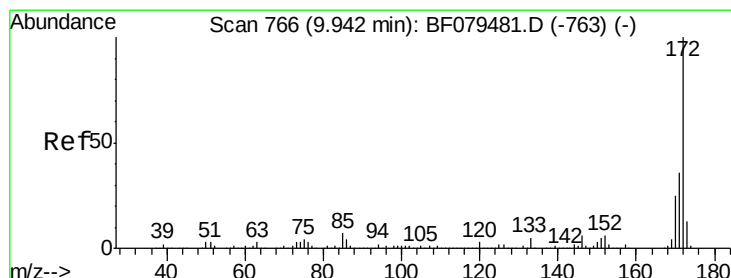
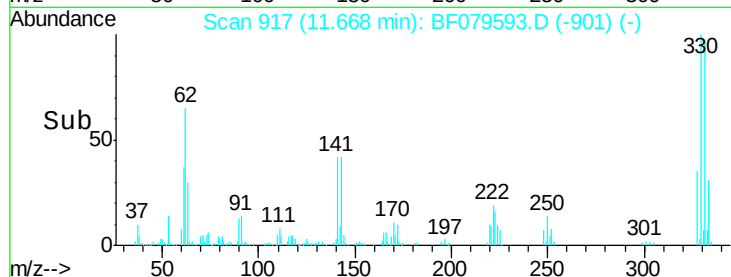
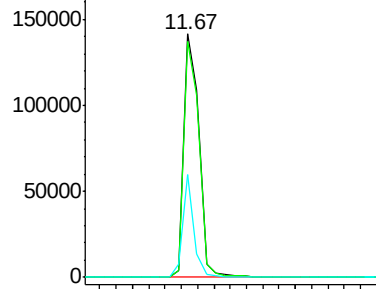
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	31.7	0.0	0.0#

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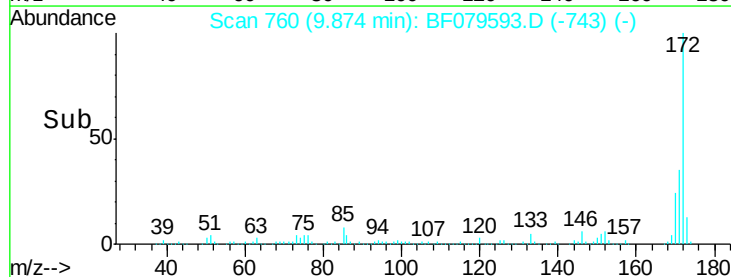
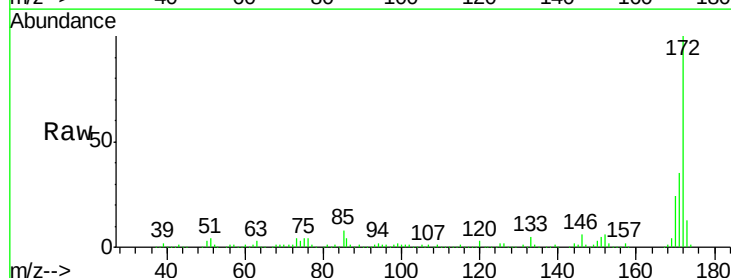
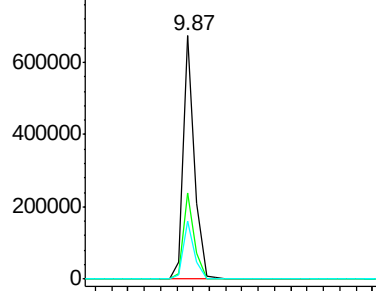
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

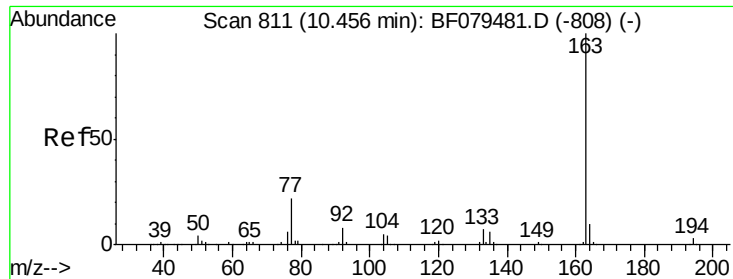


#44
 2-Fluorobiphenyl
 Concen: 76.33 ng
 RT: 9.87 min Scan# 760
 Delta R.T. -0.01 min
 Lab File: BF079593.D
 Acq: 30 May 2015 8:59

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.2	28.5	42.7
170	24.0	19.7	29.5

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





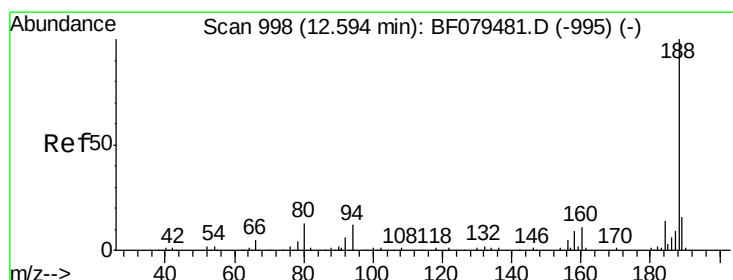
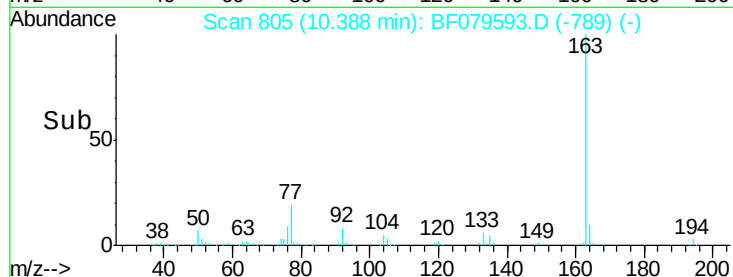
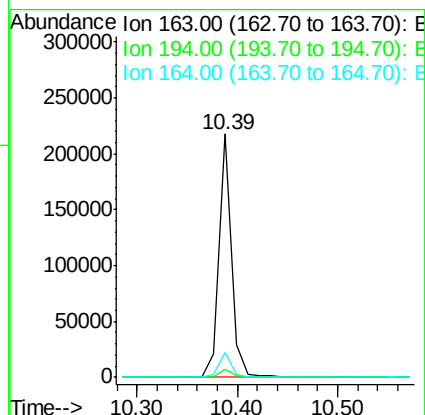
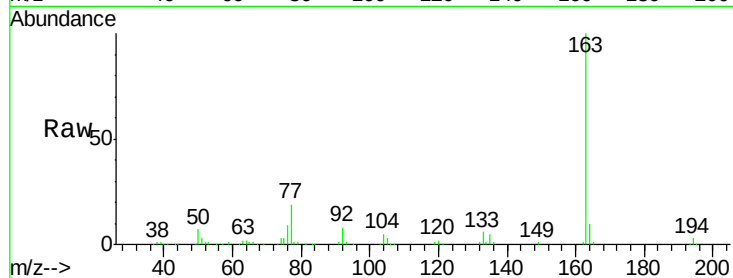
#49
Dimethylphthalate
Concen: 21.10 ng
RT: 10.39 min Scan# 805
Delta R.T. -0.02 min
Lab File: BF079593.D
Acq: 30 May 2015 8:59

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BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.1	2.4	3.6
164	10.0	8.2	12.4

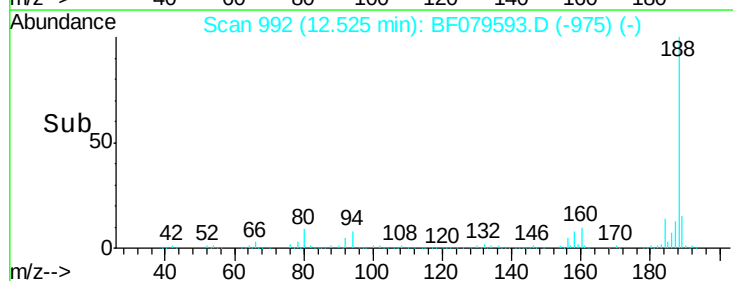
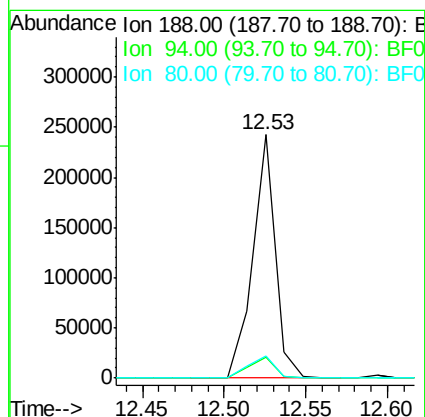
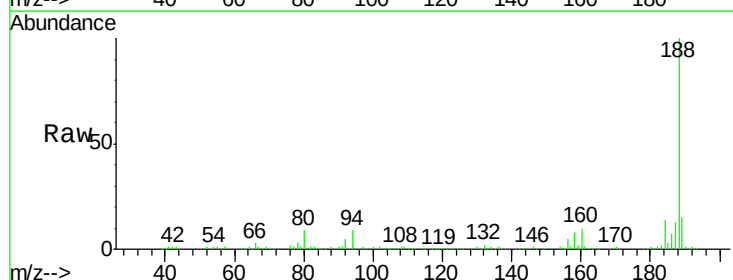
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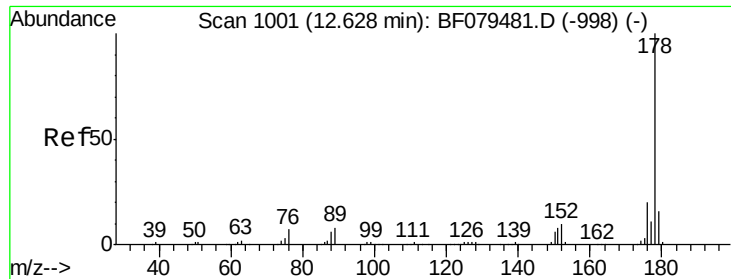
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.53 min Scan# 992
Delta R.T. -0.01 min
Lab File: BF079593.D
Acq: 30 May 2015 8:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	8.5	9.8	14.6#
80	9.0	10.5	15.7#





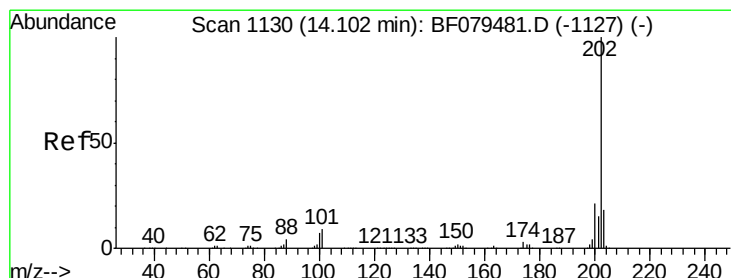
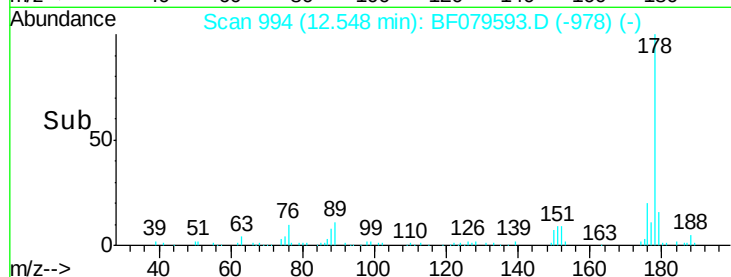
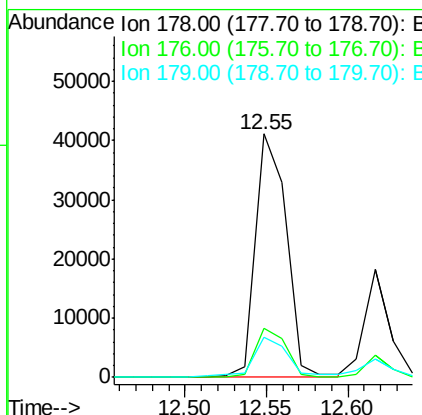
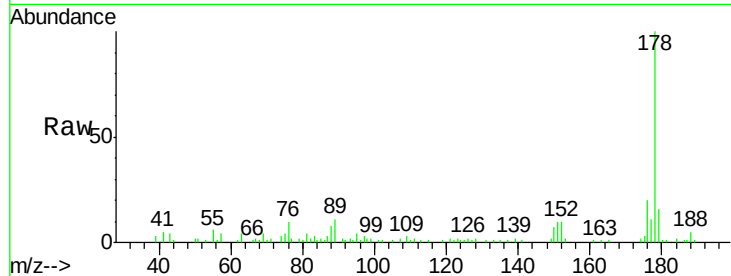
#70
Phenanthrene
Concen: 4.27 ng
RT: 12.55 min Scan# 994
Delta R.T. -0.02 min
Lab File: BF079593.D
Acq: 30 May 2015 8:59

Instrument :
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ClientSampleId :
RAMPTP-440SB3.1(6)

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	16.4	12.4	18.6

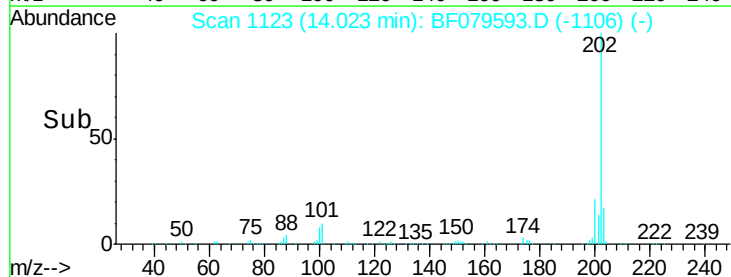
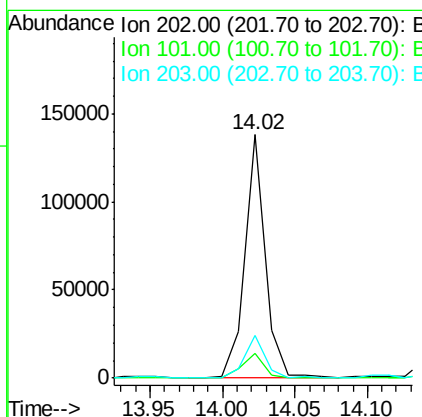
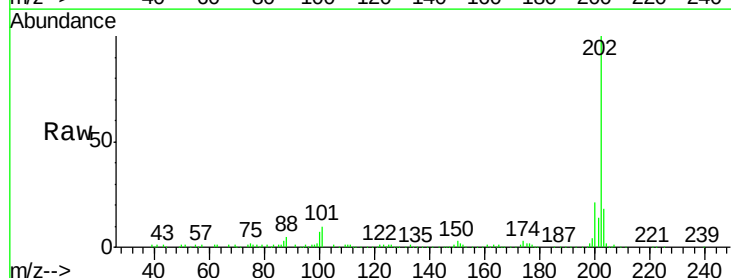
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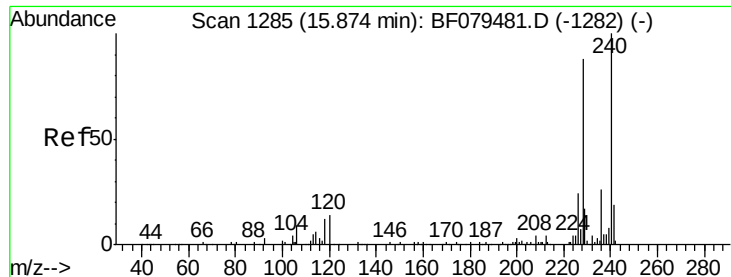
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#74
Fluoranthene
Concen: 9.70 ng
RT: 14.02 min Scan# 1123
Delta R.T. -0.01 min
Lab File: BF079593.D
Acq: 30 May 2015 8:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	29.3
203	17.6	0.0	37.6





#75

Chrysene-d12

Concen: 20.00 ng

RT: 15.79 min Scan# 1278

Delta R.T. -0.05 min

Lab File: BF079593.D

Acq: 30 May 2015 8:59

Instrument :

BNA_F

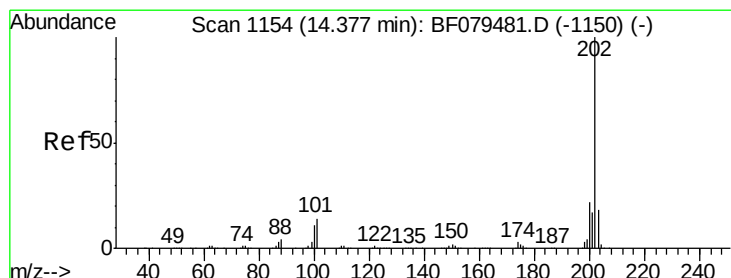
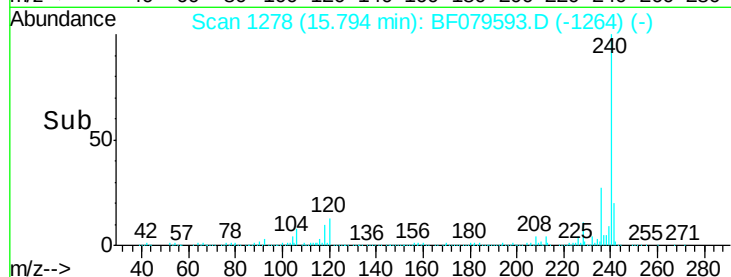
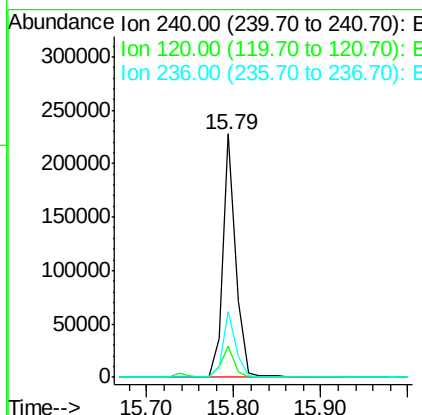
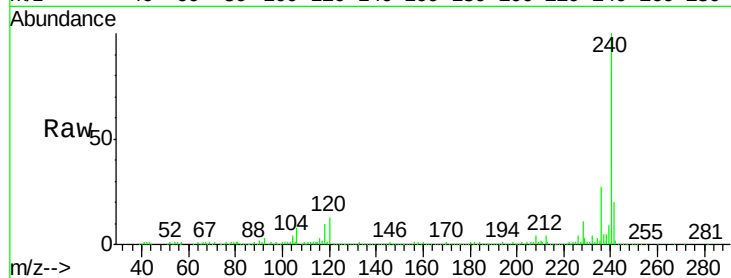
ClientSampleId :

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Tot Ion:	240	Resp:	237517
Ion Ratio	Lower	Upper	
240	100		
120	12.7	10.8	16.2
236	27.0	21.0	31.6

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#77

Pyrene

Concen: 8.52 ng

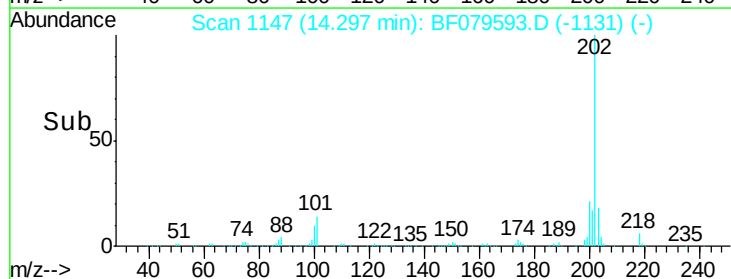
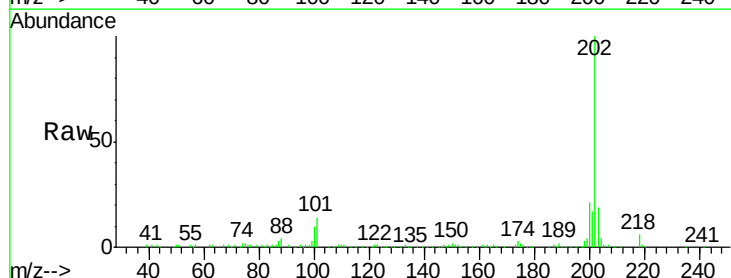
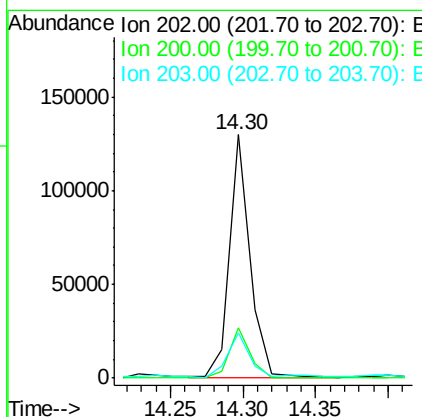
RT: 14.30 min Scan# 1147

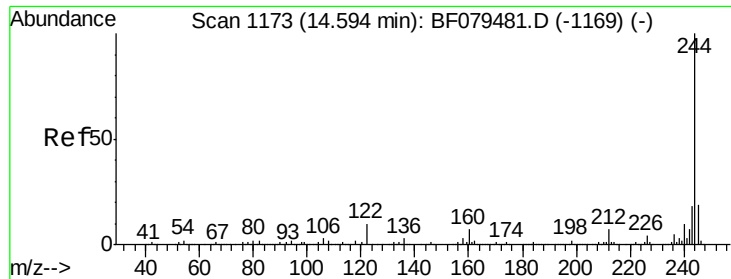
Delta R.T. -0.02 min

Lab File: BF079593.D

Acq: 30 May 2015 8:59

Tgt Ion:	202	Resp:	125335
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.5	26.3
203	18.6	14.4	21.6





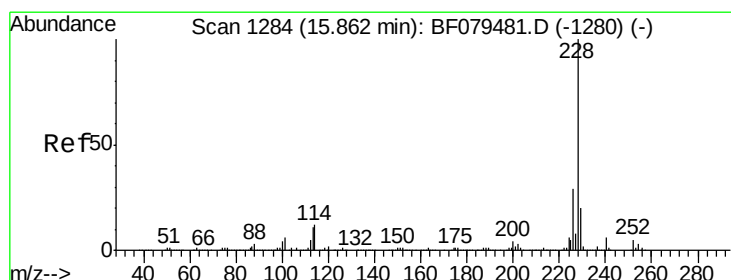
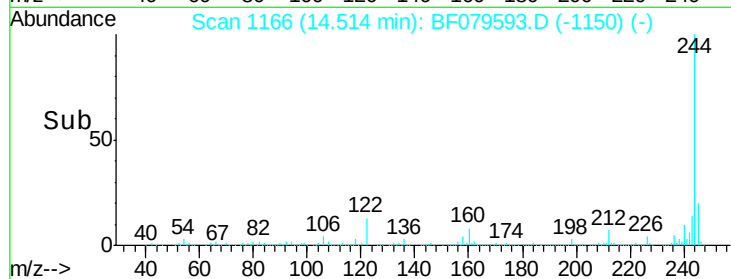
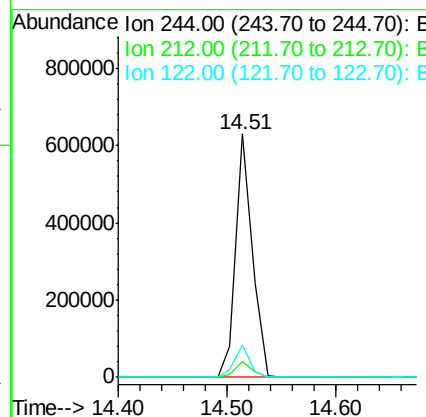
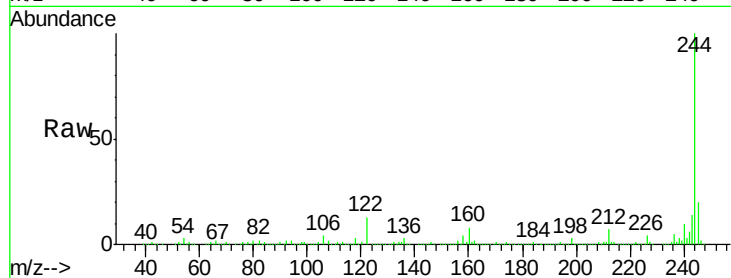
#78
 Terphenyl-d14
 Concen: 65.29 ng
 RT: 14.51 min Scan# 1166
 Delta R.T. -0.02 min
 Lab File: BF079593.D
 Acq: 30 May 2015 8:59

Instrument :
 BNA_F
 ClientSampleId :
 RAMPTP-440SB3.1(6)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.2	7.8
122	13.3	8.0	12.0

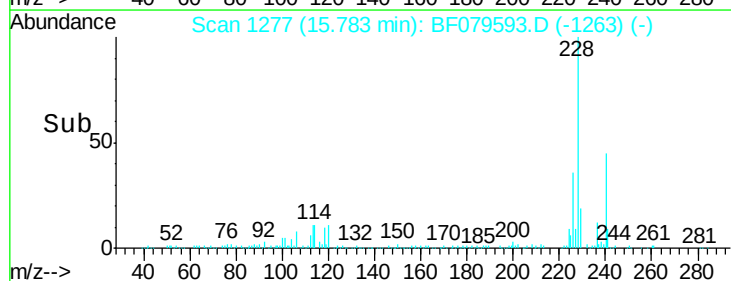
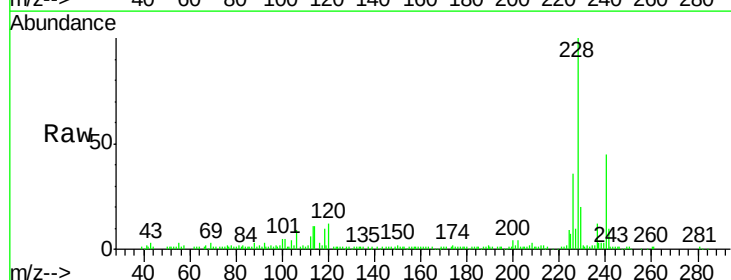
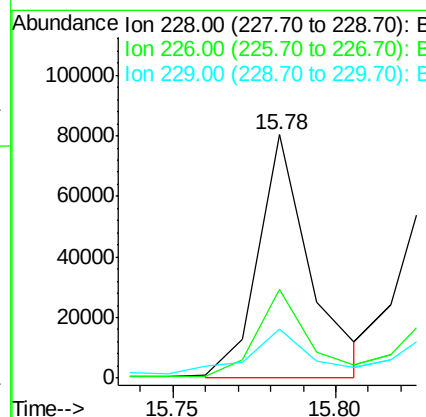
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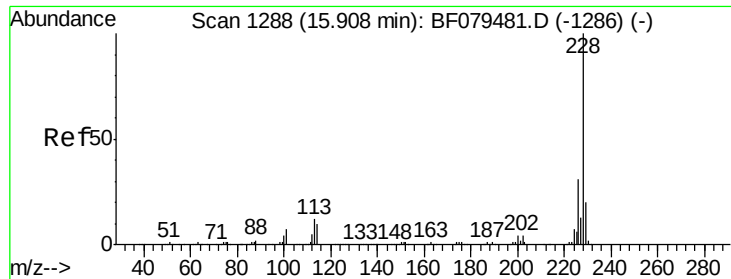
apatel
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#80
 Benzo(a)anthracene
 Concen: 6.55 ng m
 RT: 15.78 min Scan# 1277
 Delta R.T. -0.05 min
 Lab File: BF079593.D
 Acq: 30 May 2015 8:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.3	22.8	34.2
229	20.1	15.9	23.9





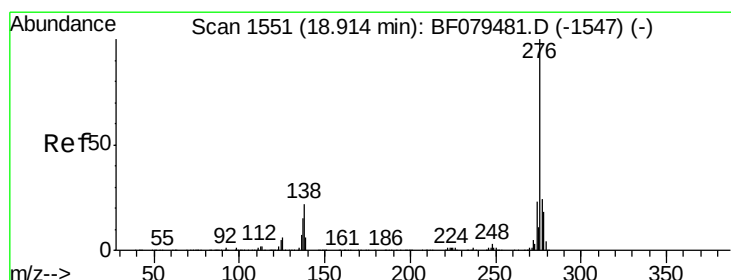
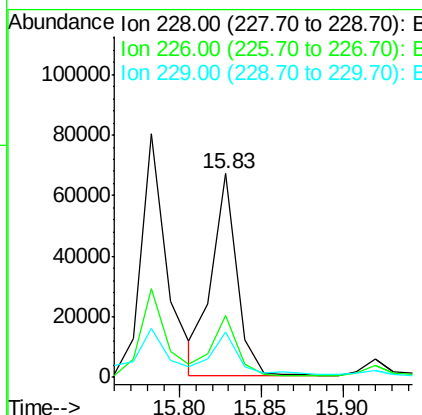
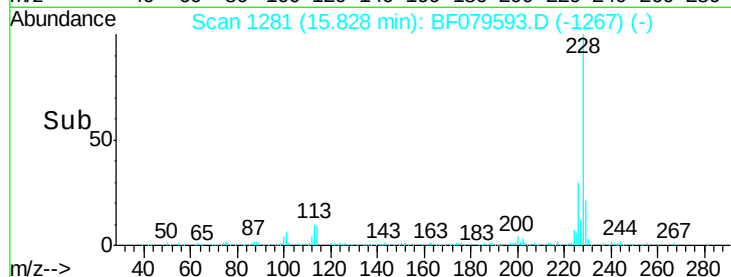
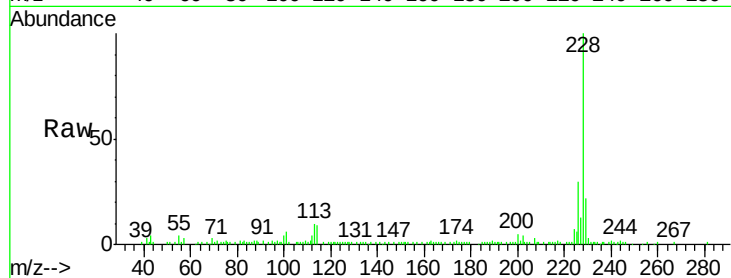
#82
Chrysene
Concen: 5.46 ng
RT: 15.83 min Scan# 1281
Delta R.T. -0.05 min
Lab File: BF079593.D
Acq: 30 May 2015 8:59

Instrument :
BNA_F
ClientSampleId :
RAMPTP-440SB3.1(6)

Tot Ion:	228	Resp:	70950
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.4
229	22.1	15.9	23.9

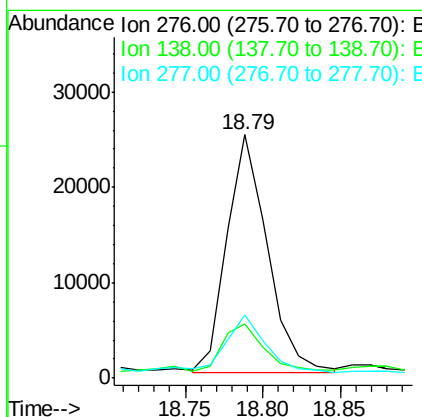
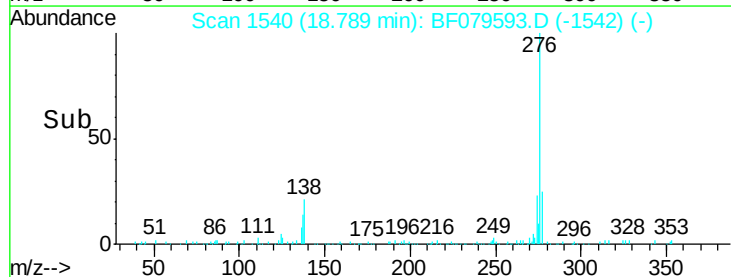
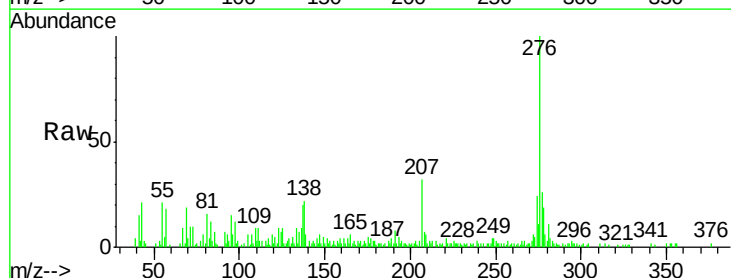
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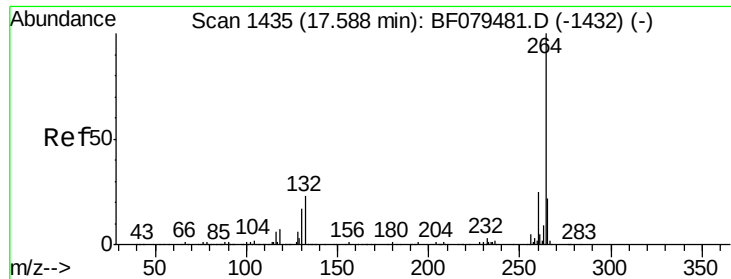
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#85
Indeno(1,2,3-cd)pyrene
Concen: 2.74 ng m
RT: 18.79 min Scan# 1540
Delta R.T. -0.23 min
Lab File: BF079593.D
Acq: 30 May 2015 8:59

Tgt Ion:	276	Resp:	45818
Ion Ratio	Lower	Upper	
276	100		
138	3.2	21.4	32.2#
277	2.5	19.8	29.6#





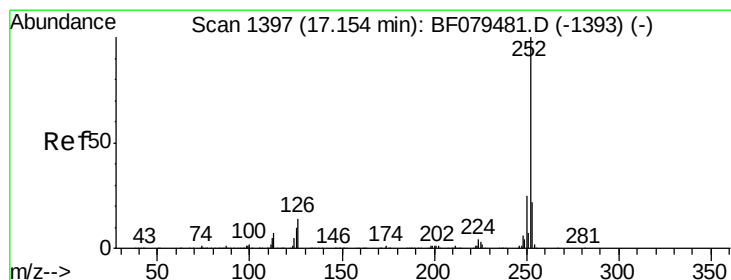
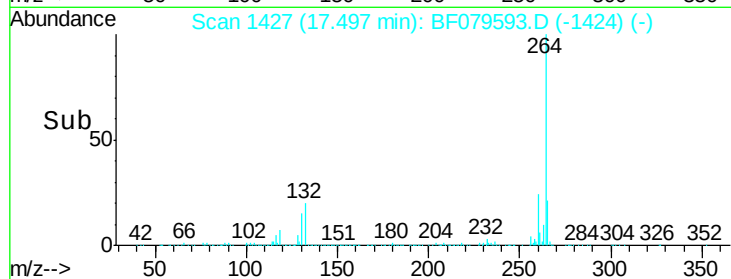
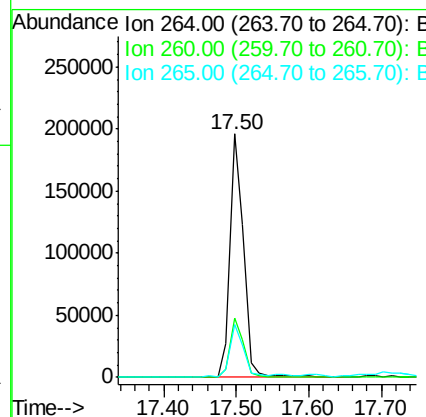
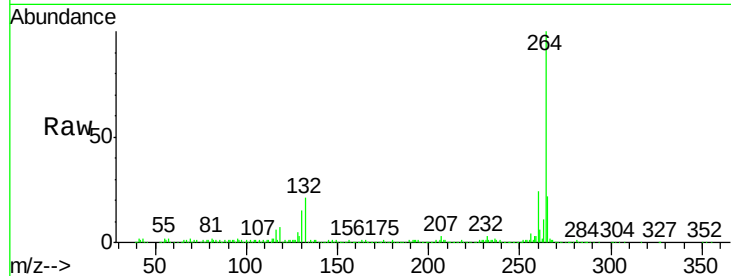
#86
Pervlene-d12
Concen: 20.00 ng
RT: 17.50 min Scan# 1427
Delta R.T. -0.17 min
Lab File: BF079593.D
Acq: 30 May 2015 8:59

Instrument :
BNA_F
ClientSampleId :
RAMPTP-440SB3.1(6)

Tot Ion	Ratio	Resp	Lower	Upper
264	100	255531		
260	24.1	19.8	29.8	
265	21.7	17.8	26.6	

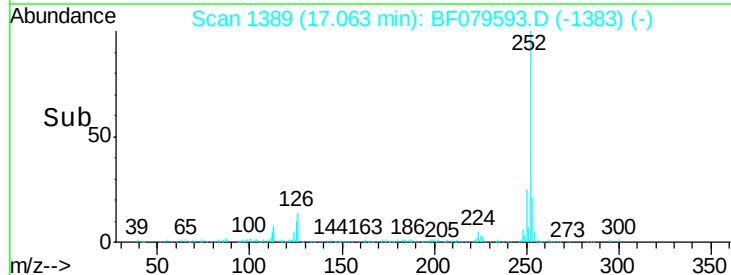
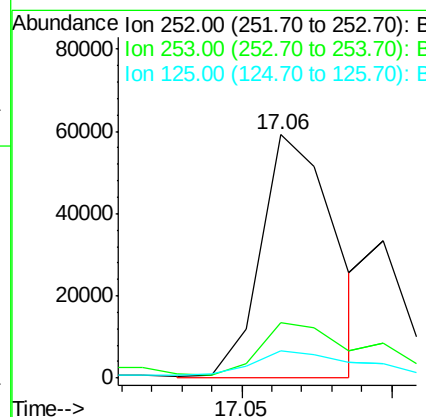
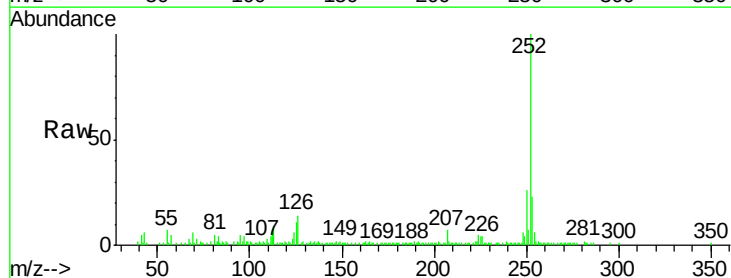
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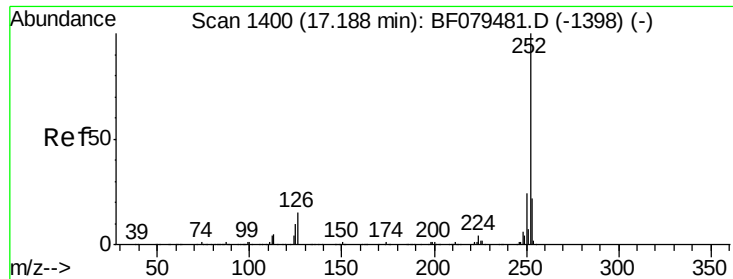
apatel
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#87
Benzo(b)fluoranthene
Concen: 7.00 ng m
RT: 17.06 min Scan# 1389
Delta R.T. -0.14 min
Lab File: BF079593.D
Acq: 30 May 2015 8:59

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	102066		
253	22.9	17.6	26.4	
125	11.3	7.8	11.6	





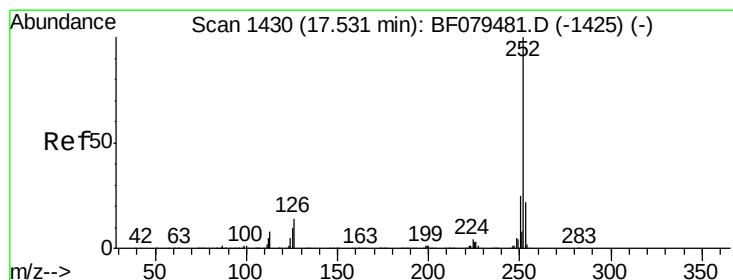
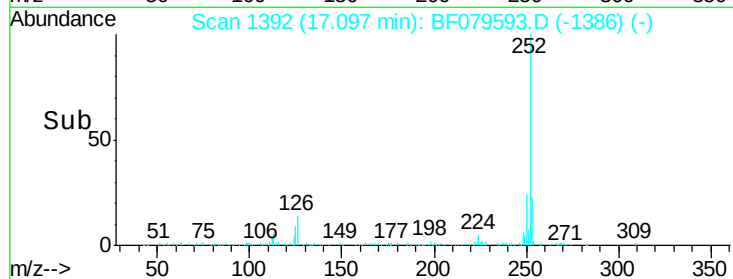
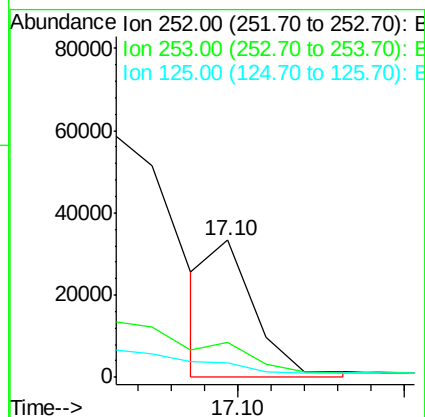
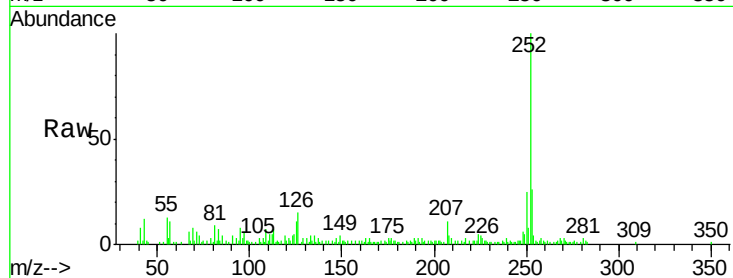
#88
Benzo(k)fluoranthene
Concen: 2.42 ng m
RT: 17.10 min Scan# 1392
Delta R.T. -0.14 min
Lab File: BF079593.D
Acq: 30 May 2015 8:59

Instrument :
BNA_F
ClientSampleId :
RAMPTP-440SB3.1(6)

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.9	17.2	25.8#
125	11.0	6.8	10.2#

Manual Integrations
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#89
Benzo(a)pyrene
Concen: 4.10 ng
RT: 17.44 min Scan# 1422
Delta R.T. -0.17 min
Lab File: BF079593.D
Acq: 30 May 2015 8:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.8	26.8
125	11.5	7.9	11.9

