

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
 Data File : BF079210.D
 Acq On : 13 May 2015 23:07
 Operator : TP/IZ
 Sample : G2215-04
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-41S

Manual Integrations
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Quant Time: May 14 02:13:56 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 14 00:58:22 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.23	152	46801	20.00	ng	0.00
21) Naphthalene-d8	8.81	136	190552	20.00	ng	0.00
38) Acenaphthene-d10	10.98	164	99629	20.00	ng	0.00
63) Phenanthrene-d10	12.82	188	199398	20.00	ng	-0.01
75) Chrysene-d12	16.11	240	233191	20.00	ng	-0.05
86) Perylene-d12	17.83	264	253744	20.00	ng	-0.19
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	274999	101.15	ng	0.00
7) Phenol-d6	6.80	99	369819	102.90	ng	0.00
23) Nitrobenzene-d5	7.92	82	196046	59.13	ng	-0.01
41) 2,4,6-Tribromophenol	11.97	330	111896	103.82	ng	0.00
44) 2-Fluorobiphenyl	10.16	172	423715	59.25	ng	0.00
78) Terphenyl-d14	14.82	244	548436m	56.31	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	10.66	163	48428	6.62	ng	100
70) Phenanthrene	12.86	178	47071	4.22	ng	98
74) Fluoranthene	14.33	202	97181	8.36	ng	99
77) Pyrene	14.62	202	95469	7.10	ng	97
80) Benzo(a)anthracene	16.10	228	64419	5.04	ng	96
82) Chrysene	16.15	228	51224	4.17	ng	95
83) Bis(2-ethylhexyl)phthalate	16.16	149	18719	2.10	ng	99
85) Indeno(1,2,3-cd)pyrene	19.26	276	37640m	2.41	ng	
87) Benzo(b)fluoranthene	17.39	252	76754m	5.53	ng	
88) Benzo(k)fluoranthene	17.42	252	28367m	2.11	ng	
89) Benzo(a)pyrene	17.76	252	55010	4.30	ng	# 93
91) Benzo(a,h,i)perylene	19.68	276	39186	2.88	ng	96

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

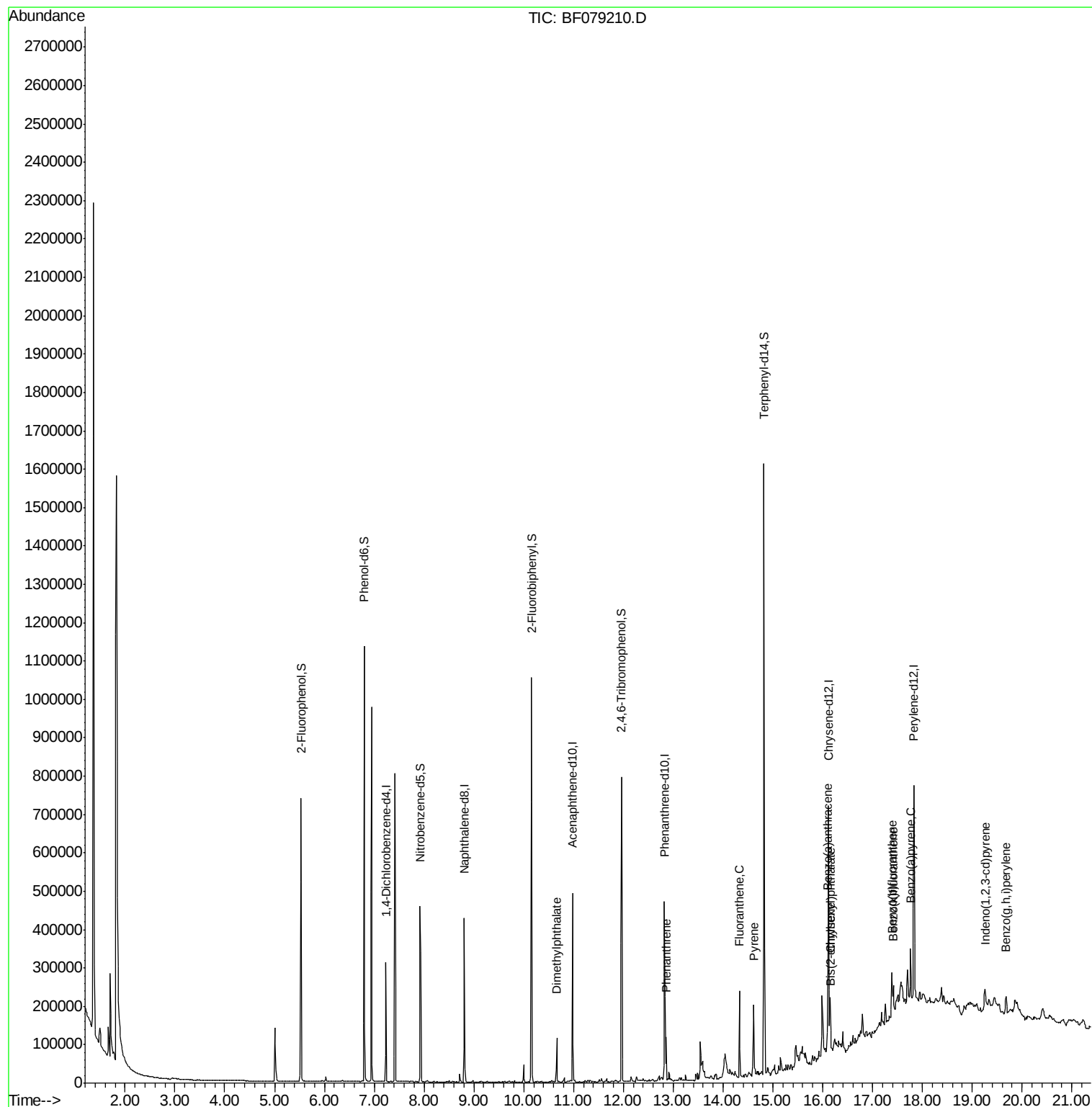
Data Path : Z:\HPCHEM1\BNA F\DATA\BF051315\
Data File : BF079210.D
Acq On : 13 May 2015 23:07
Operator : TP/IZ
Sample : G2215-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

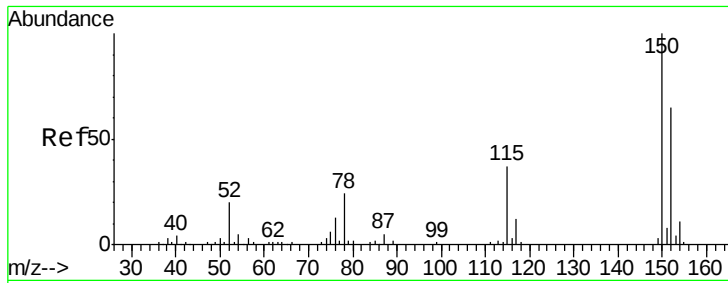
Instrument :
BNA_F
ClientSampled :
SB-41S

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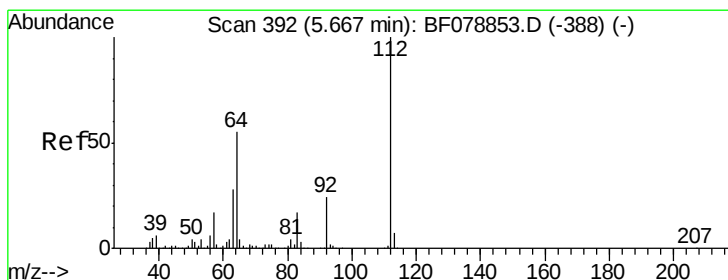
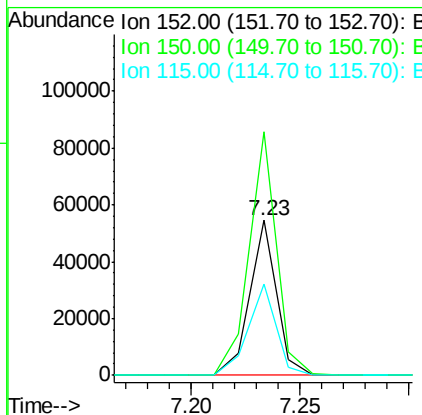
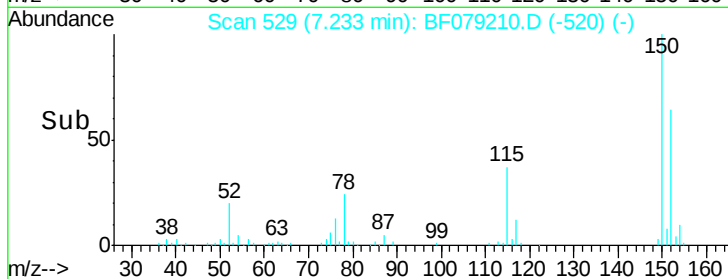
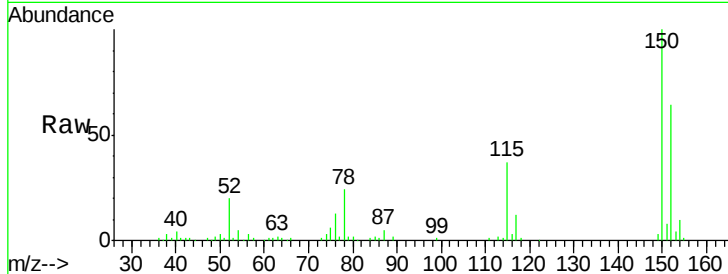
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.23 min Scan# 529
 Delta R.T. 0.00 min
 Lab File: BF079210.D
 Acq: 13 May 2015 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-41S

Tot Ion:	152	Resp:	46801
Ion Ratio	Lower	Upper	
152	100		
150	156.8	122.0	183.0
115	58.8	46.3	69.5

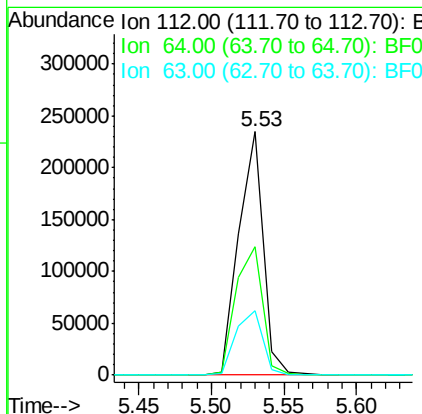
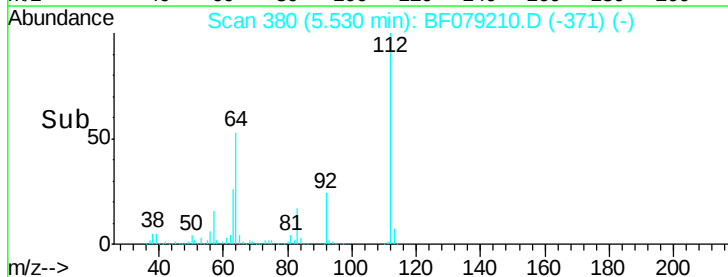
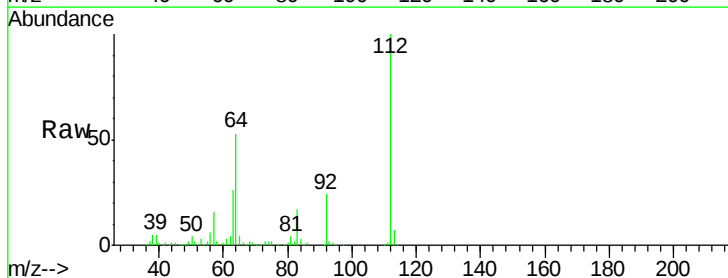
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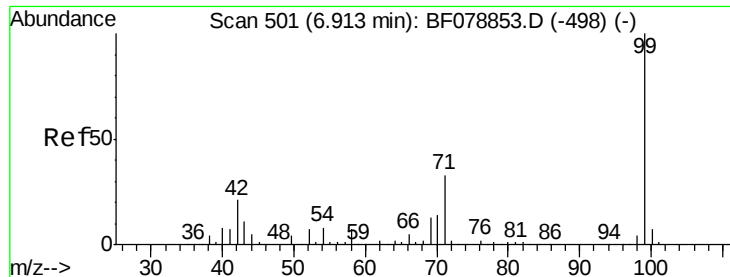
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#5
 2-Fluorophenol
 Concen: 101.15 ng
 RT: 5.53 min Scan# 380
 Delta R.T. 0.00 min
 Lab File: BF079210.D
 Acq: 13 May 2015 23:07

Tgt Ion:	112	Resp:	274999
Ion Ratio	Lower	Upper	
112	100		
64	52.6	53.5	80.3#
63	26.2	27.5	41.3#





#7

Phenol-d6

Concen: 102.90 ng

RT: 6.80 min Scan# 491

Delta R.T. 0.00 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Instrument :

BNA_F

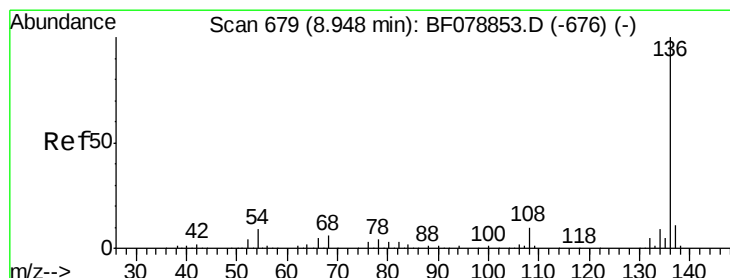
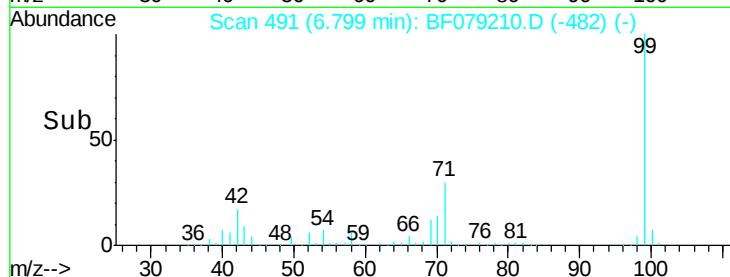
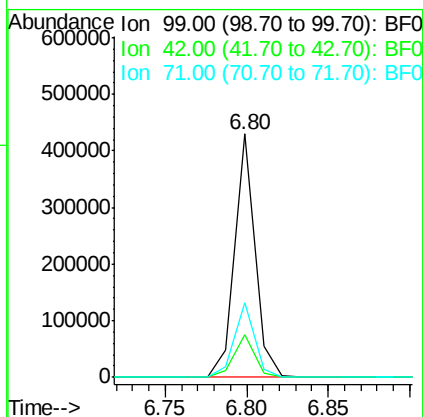
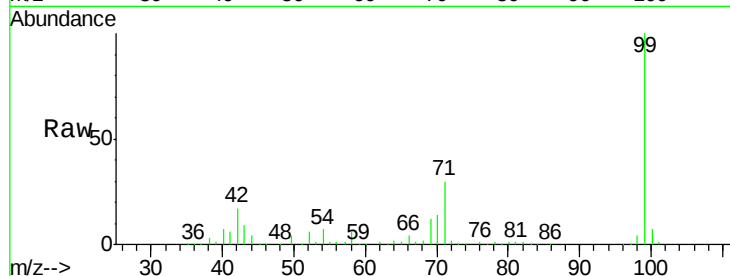
ClientSampled :

SB-41S

Tot Ion:	99	Resp:	369819
Ion Ratio	Lower	Upper	
99	100		
42	17.5	12.8	19.2
71	30.5	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

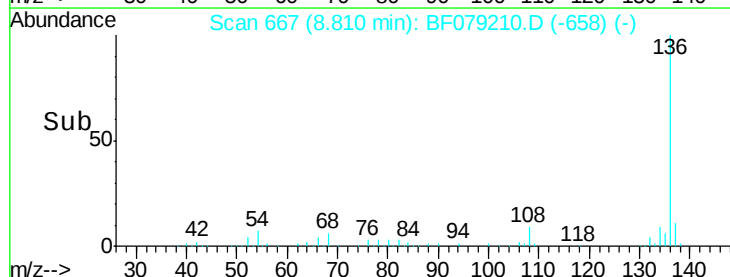
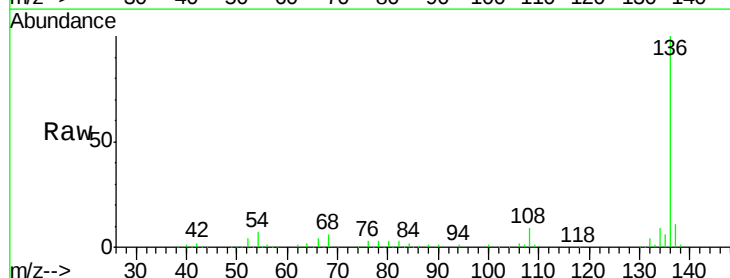
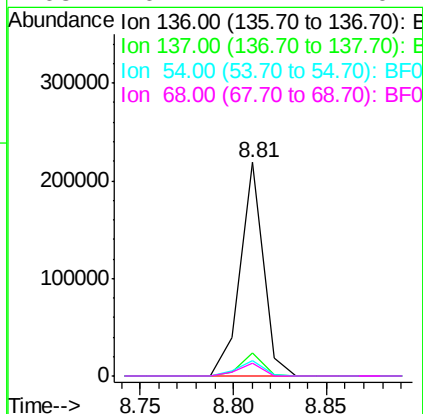
RT: 8.81 min Scan# 667

Delta R.T. 0.00 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Tgt Ion:	136	Resp:	190552
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.7	13.1
54	7.4	5.8	8.8
68	6.2	4.2	6.4





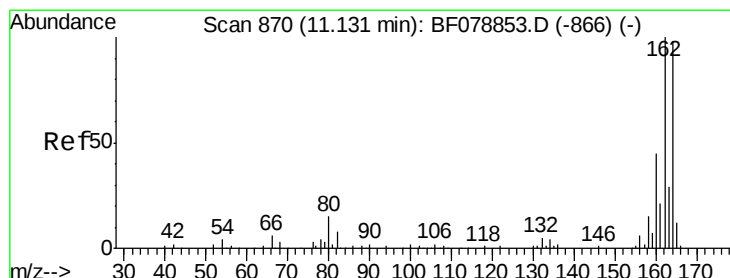
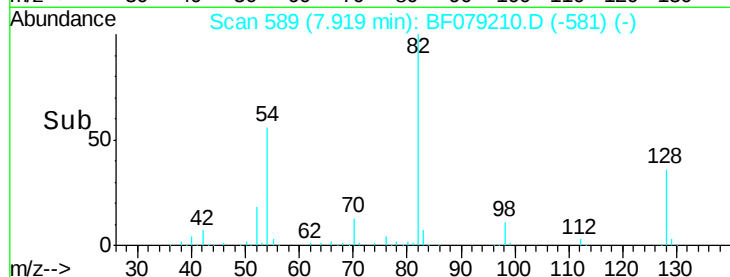
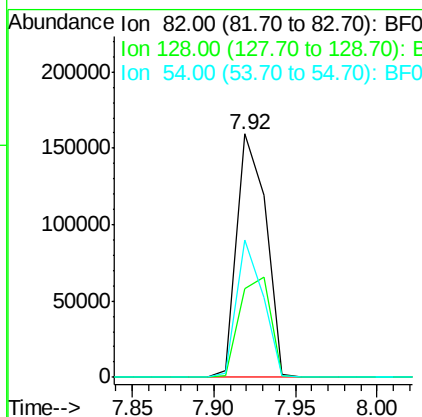
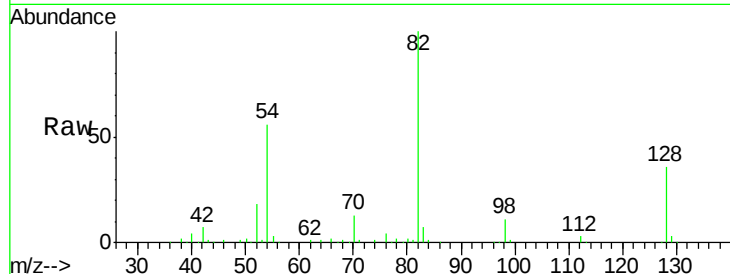
#23
Nitrobenzene-d5
Concen: 59.13 ng
RT: 7.92 min Scan# 589
Delta R.T. -0.01 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tot Ion	Ratio	Resp	Lower	Upper
82	100	196046		
128	36.4	30.0	45.0	
54	56.4	46.4	69.6	

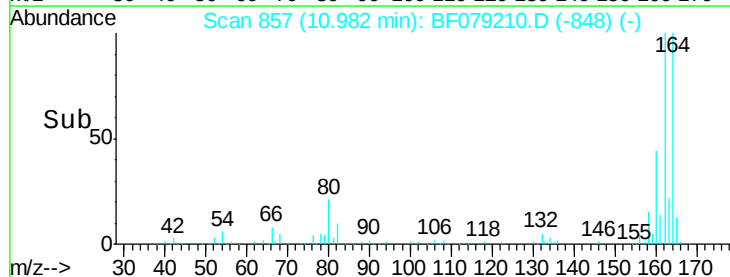
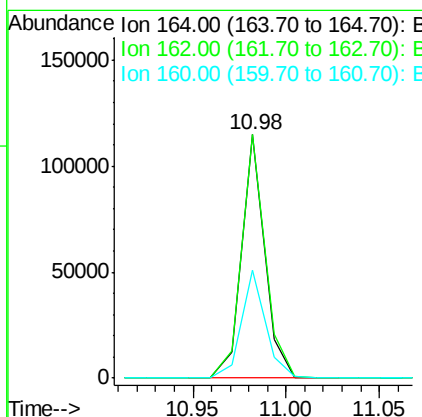
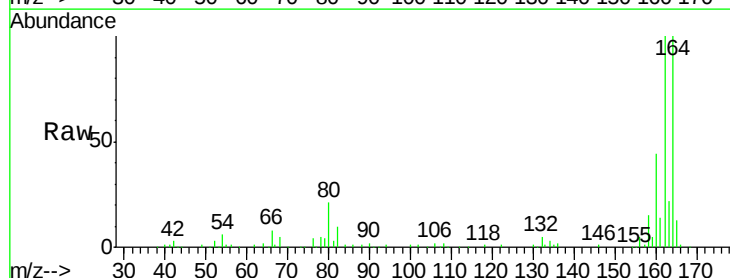
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	99629		
162	100.2	82.7	124.1	
160	44.2	35.8	53.8	





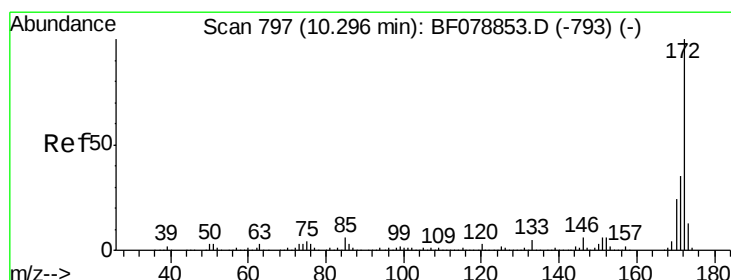
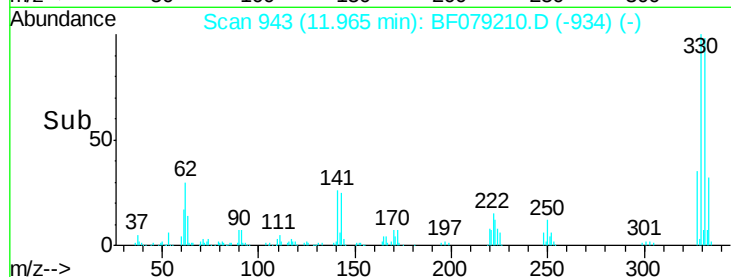
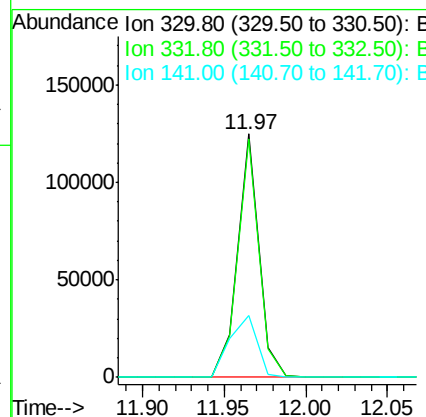
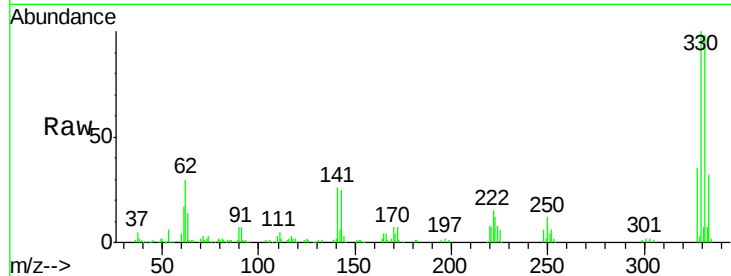
#41
 2,4,6-Tribromophenol
 Concen: 103.82 ng
 RT: 11.97 min Scan# 943
 Delta R.T. 0.00 min
 Lab File: BF079210.D
 Acq: 13 May 2015 23:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-41S

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	97.7	0.0	0.0	0.0
141	33.1	0.0	0.0	0.0

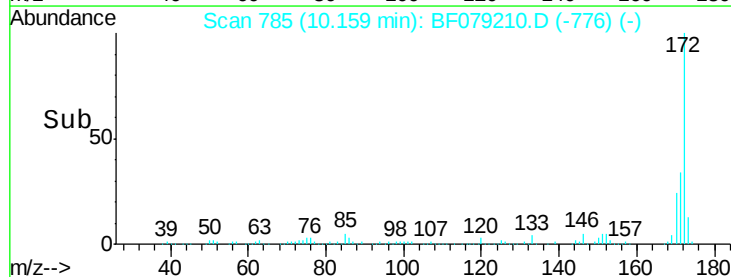
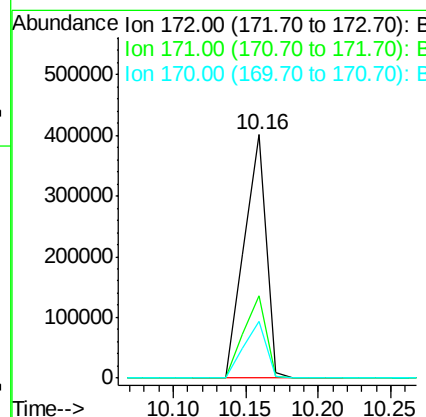
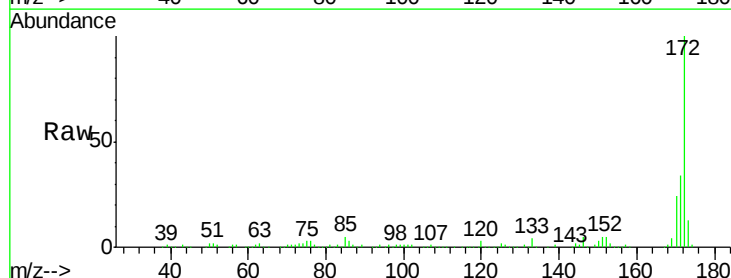
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#44
 2-Fluorobiphenyl
 Concen: 59.25 ng
 RT: 10.16 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF079210.D
 Acq: 13 May 2015 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	33.7	27.9	41.9	
170	23.5	19.4	29.0	





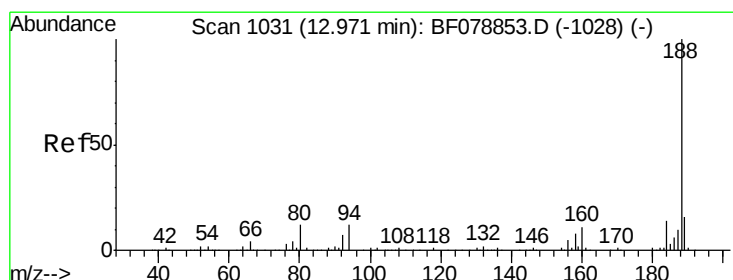
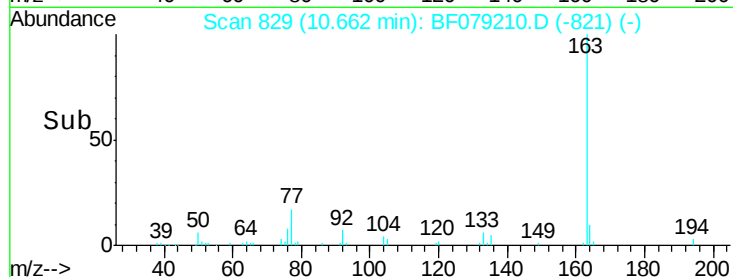
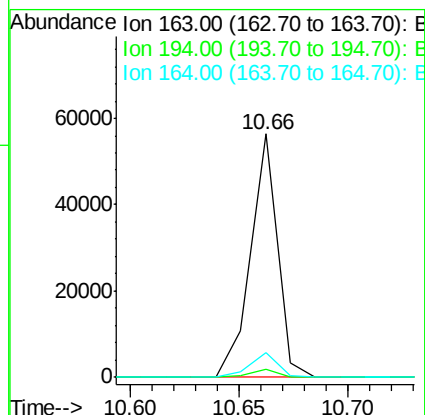
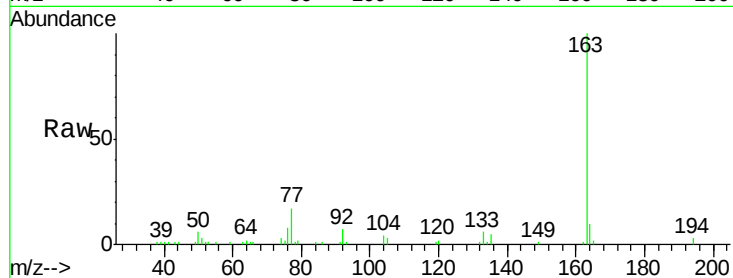
#49
Dimethylphthalate
Concen: 6.62 ng
RT: 10.66 min Scan# 829
Delta R.T. -0.01 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tot Ion	Ratio	Resp	Lower	Upper
163	100	48428		
194	3.4		2.6	4.0
164	10.0		8.1	12.1

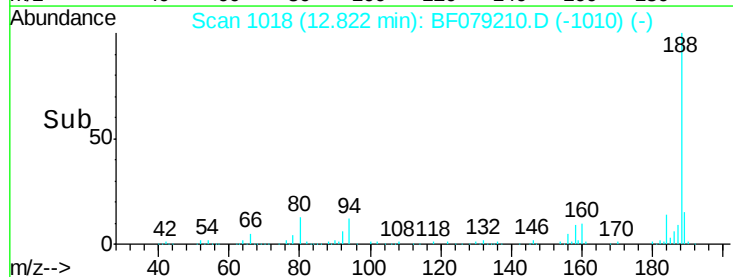
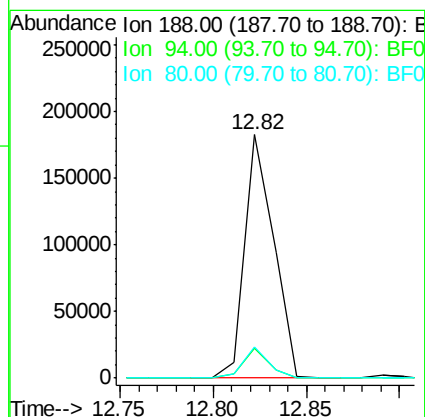
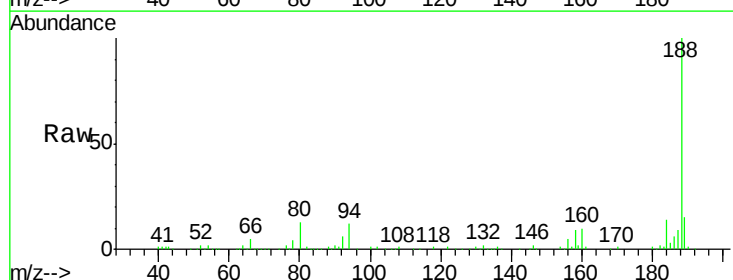
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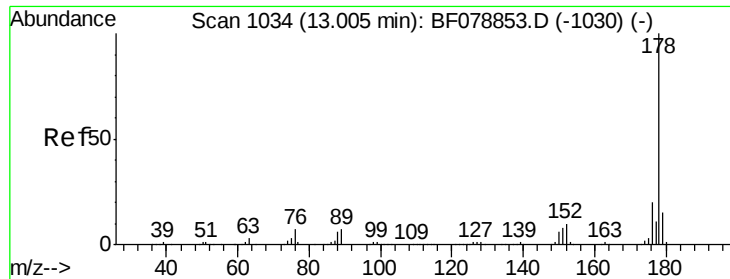
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.82 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	199398		
94	12.3		8.2	12.2#
80	12.8		8.9	13.3





#70

Phenanthrene

Concen: 4.22 ng

RT: 12.86 min Scan# 1021

Delta R.T. 0.00 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Instrument :

BNA_F

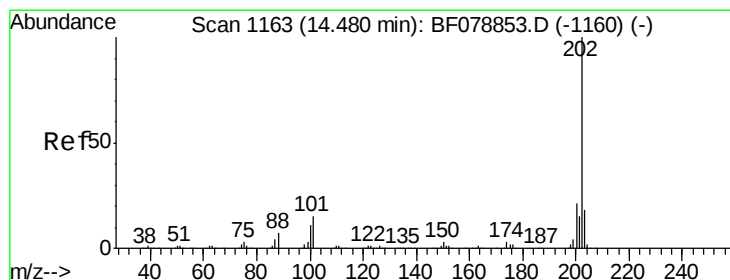
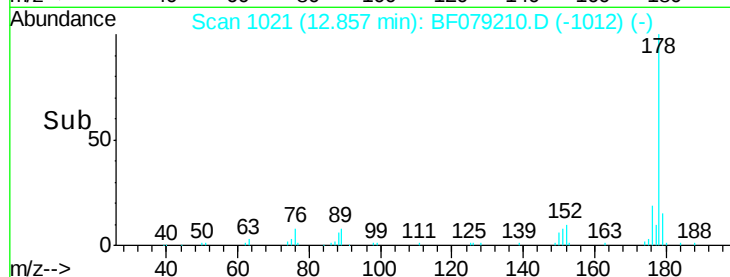
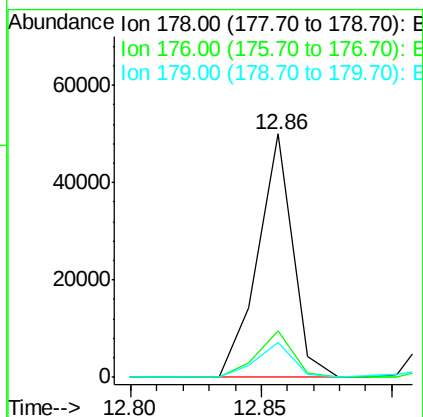
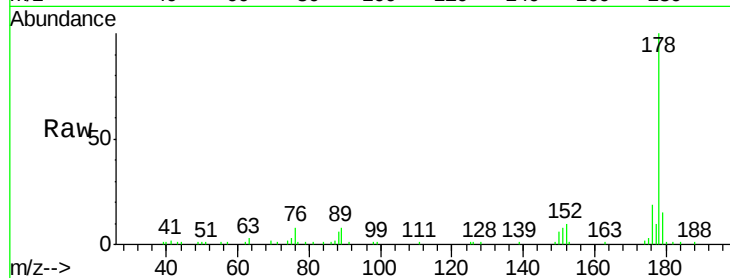
ClientSampleId :

SB-41S

Tot Ion:178	Resp:	47071
Ion Ratio	Lower	Upper
178	100	
176	19.4	15.8 23.8
179	14.6	12.5 18.7

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#74

Fluoranthene

Concen: 8.36 ng

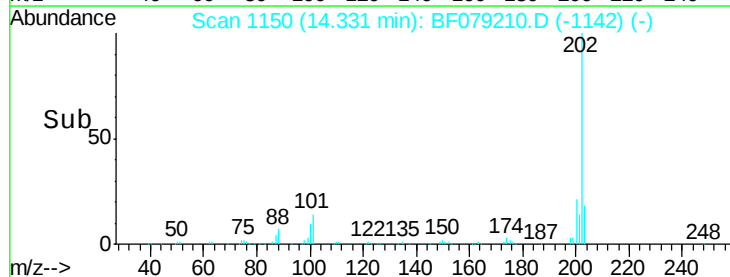
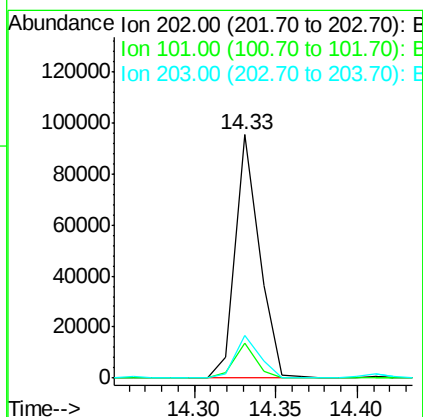
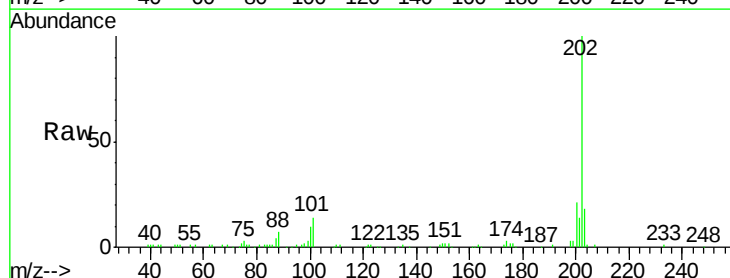
RT: 14.33 min Scan# 1150

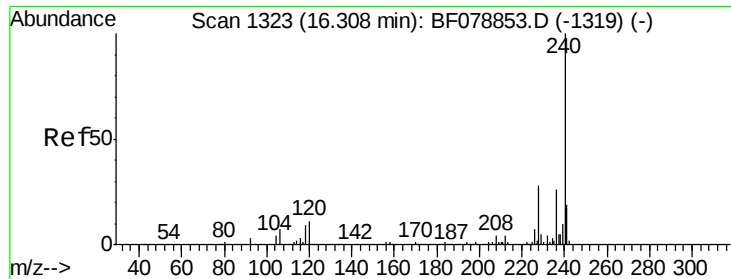
Delta R.T. -0.01 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Tgt Ion:202	Resp:	97181
Ion Ratio	Lower	Upper
202	100	
101	14.4	0.0 34.6
203	17.7	0.0 38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.11 min Scan# 1306

Delta R.T. -0.05 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Instrument :

BNA_F

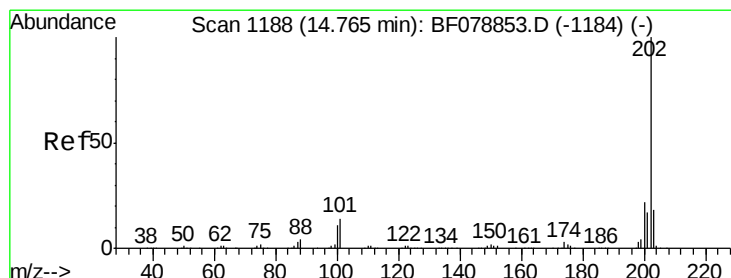
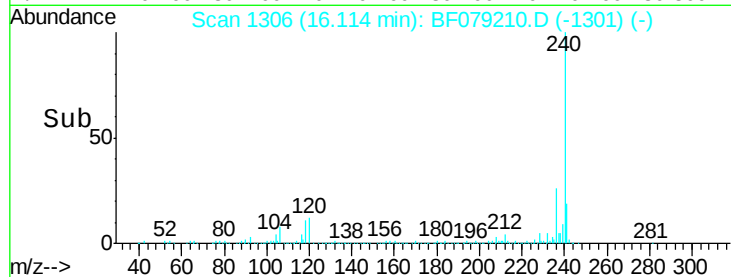
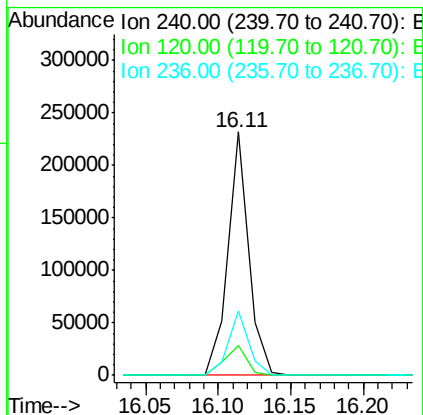
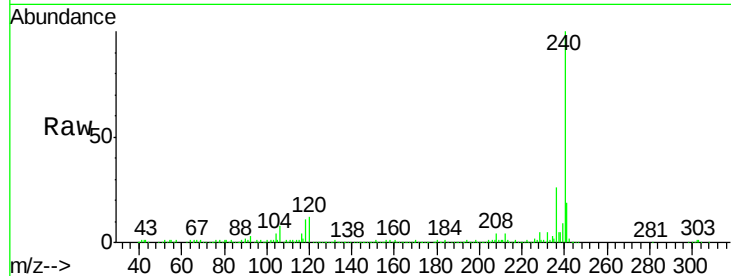
ClientSampleId :

SB-41S

Tot Ion:	240	Resp:	233191
Ion Ratio	Lower	Upper	
240	100		
120	12.1	9.7	14.5
236	26.3	20.2	30.4

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#77

Pyrene

Concen: 7.10 ng

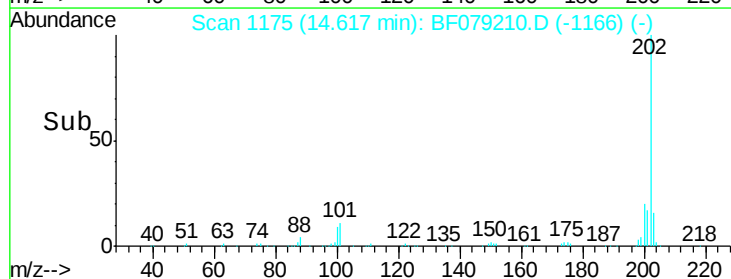
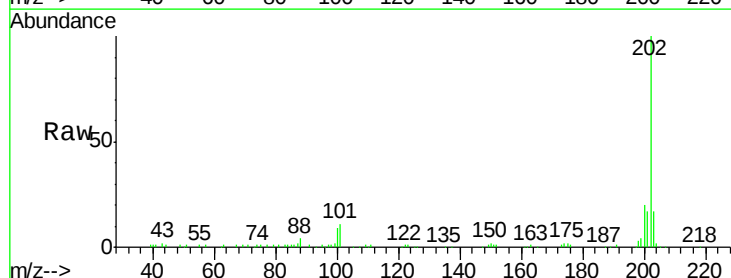
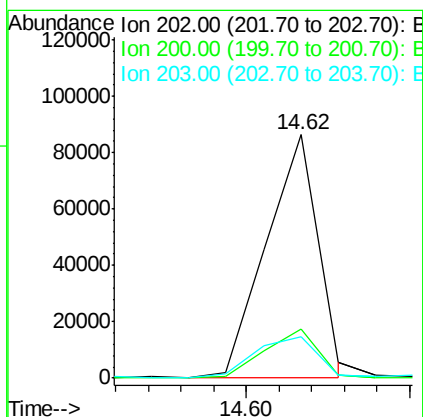
RT: 14.62 min Scan# 1175

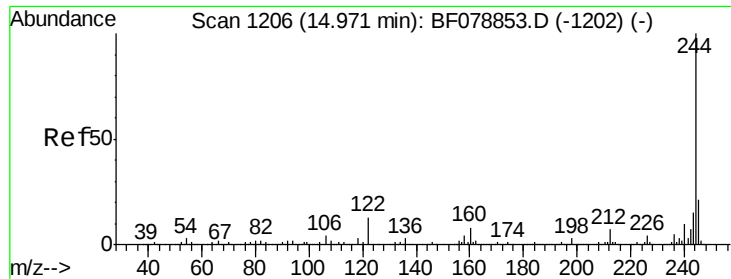
Delta R.T. 0.00 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Tgt Ion:	202	Resp:	95469
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.5	26.3
203	16.9	13.9	20.9





#78

Terphenyl-d14

Concen: 56.31 ng/mL

RT: 14.82 min Scan# 1193

Delta R.T. 0.00 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Instrument :

BNA_F

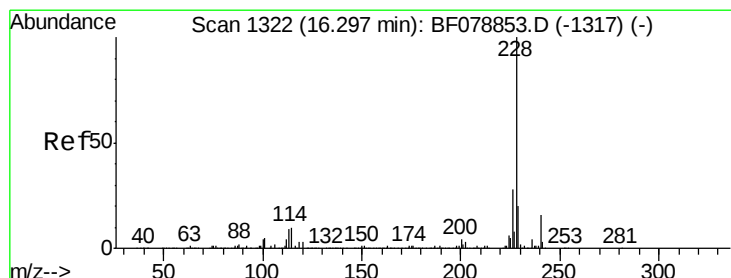
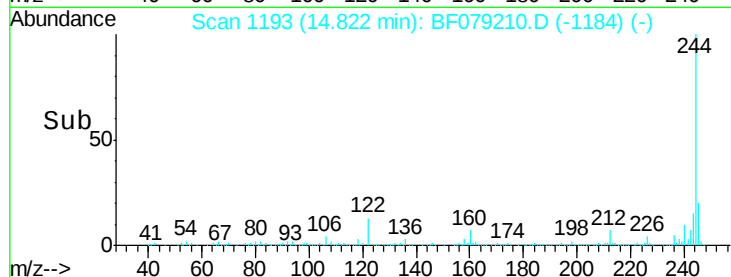
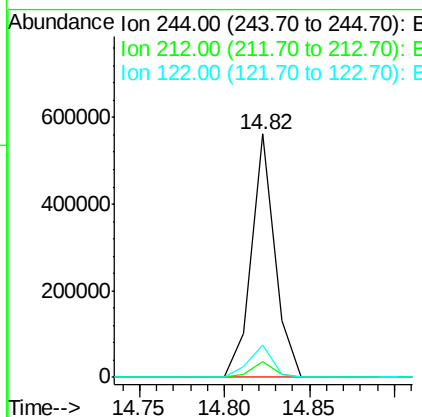
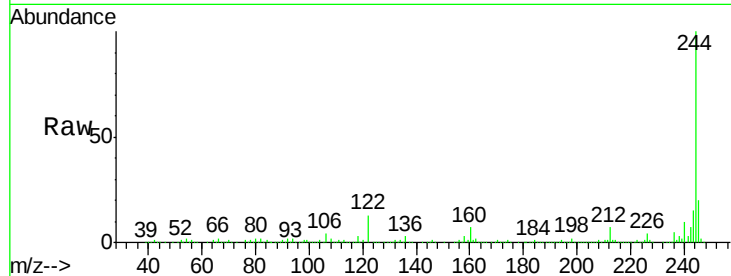
ClientSampleId :

SB-41S

Tot Ion:	244	Resp:	548436
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.6	8.4
122	13.4	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 5.04 ng/mL

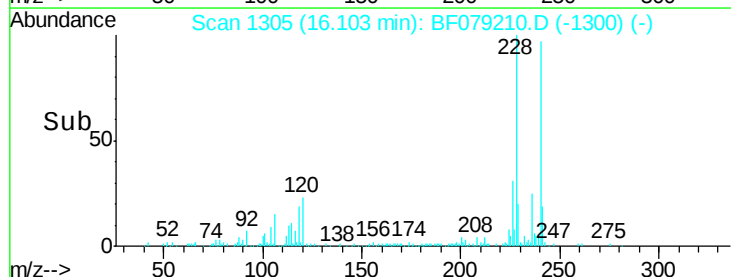
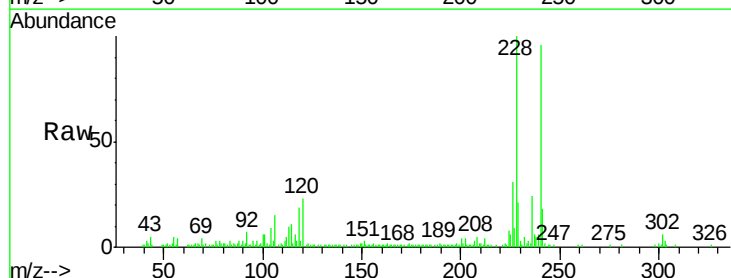
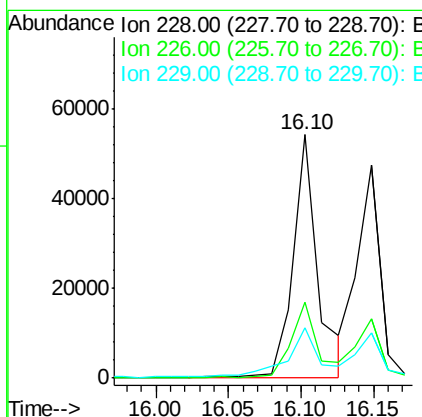
RT: 16.10 min Scan# 1305

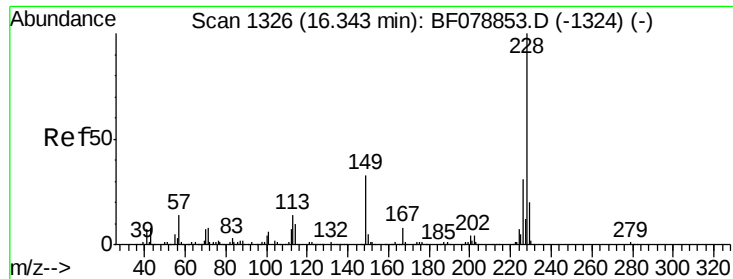
Delta R.T. -0.05 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Tgt Ion:	228	Resp:	64419
Ion Ratio	Lower	Upper	
228	100		
226	31.2	22.6	33.8
229	20.8	15.9	23.9





#82

Chrysene

Concen: 4.17 ng

RT: 16.15 min Scan# 1309

Delta R.T. -0.05 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Instrument :

BNA_F

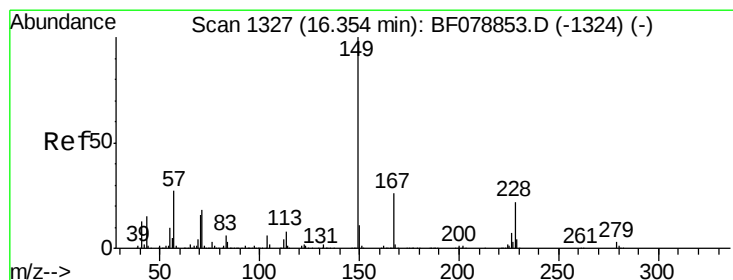
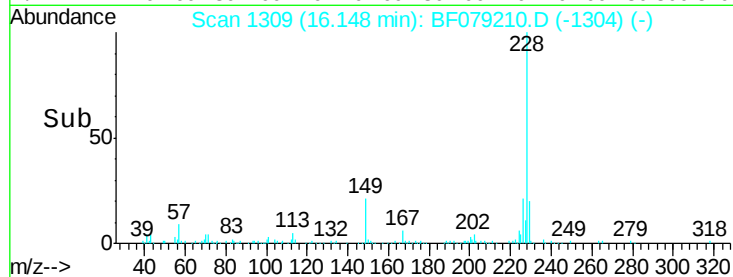
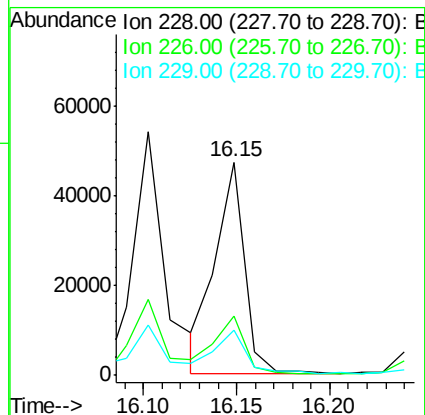
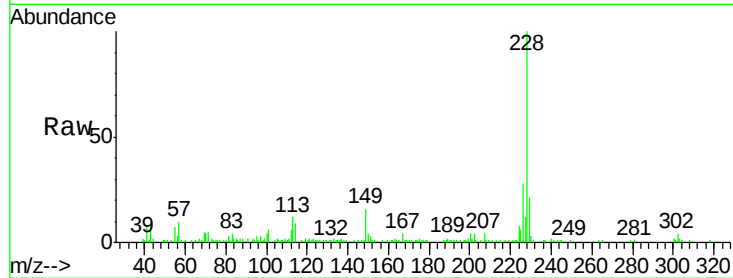
ClientSampled :

SB-41S

Tot Ion:	228	Resp:	51224
Ion Ratio		Lower	Upper
228	100		
226	27.7	24.9	37.3
229	21.4	16.0	24.0

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#83

Bis(2-ethylhexyl)phthalate

Concen: 2.10 ng

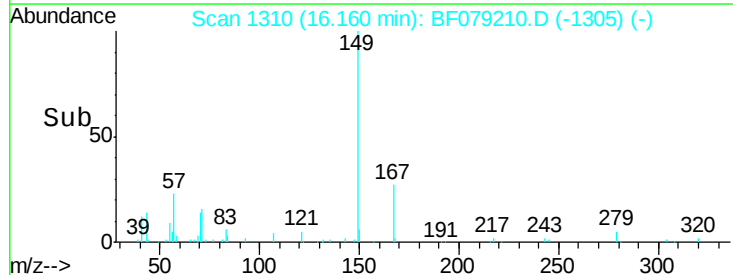
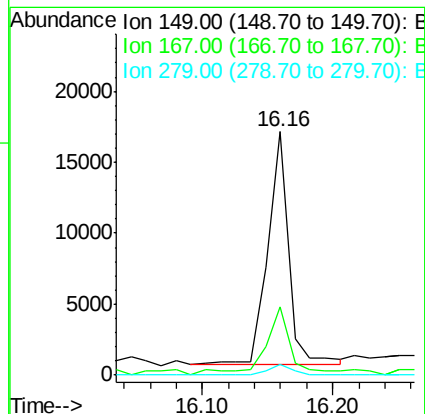
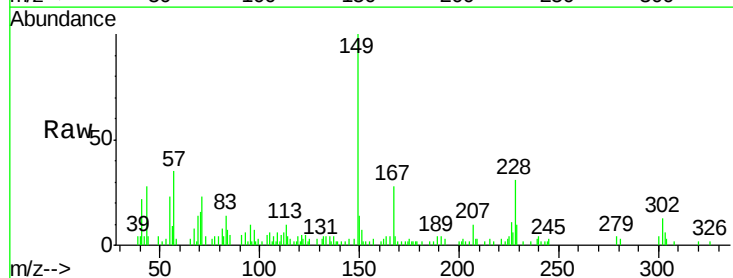
RT: 16.16 min Scan# 1310

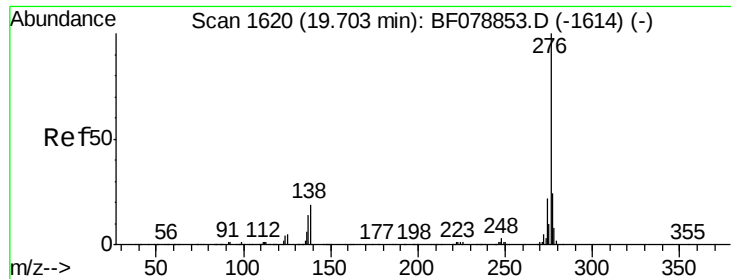
Delta R.T. -0.05 min

Lab File: BF079210.D

Acq: 13 May 2015 23:07

Tgt Ion:	149	Resp:	18719
Ion Ratio		Lower	Upper
149	100		
167	27.9	21.8	32.8
279	4.3	2.9	4.3





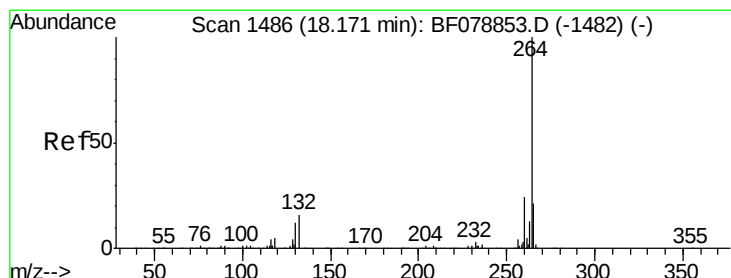
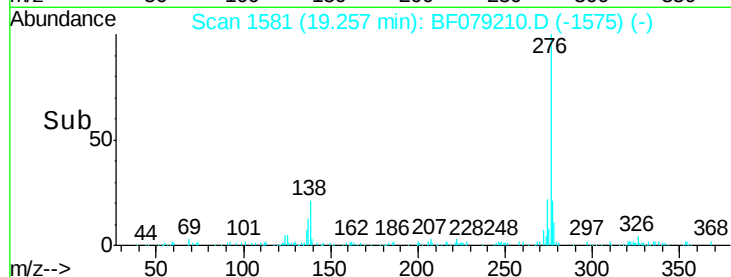
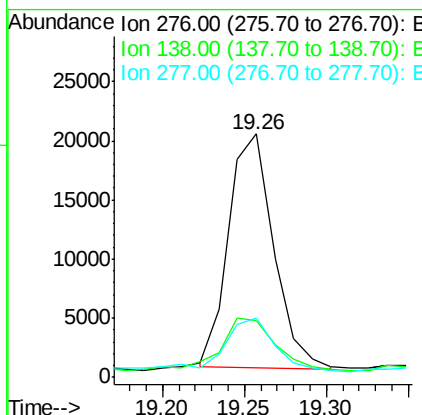
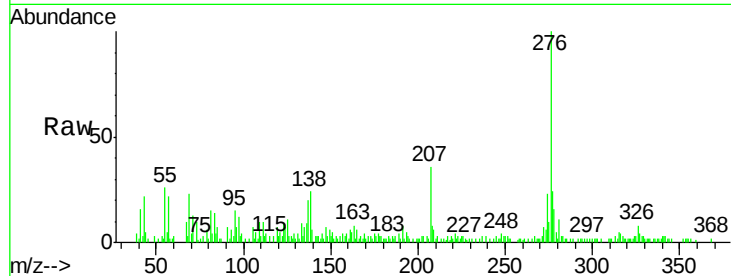
#85
Indeno(1,2,3-cd)pyrene
Concen: 2.41 ng/mL
RT: 19.26 min Scan# 1581
Delta R.T. -0.23 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampled :
SB-41S

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	3.4	0.0	0.0#
277	3.7	0.0	0.0#

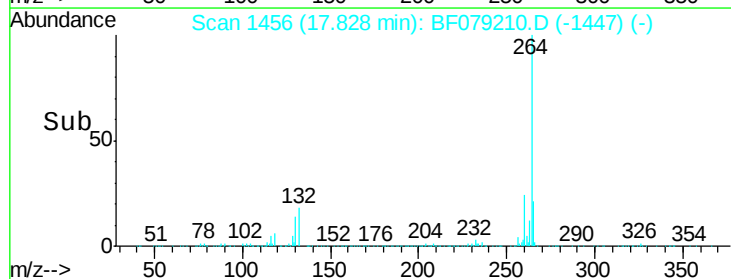
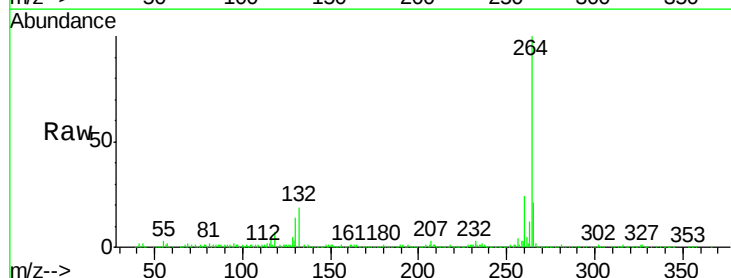
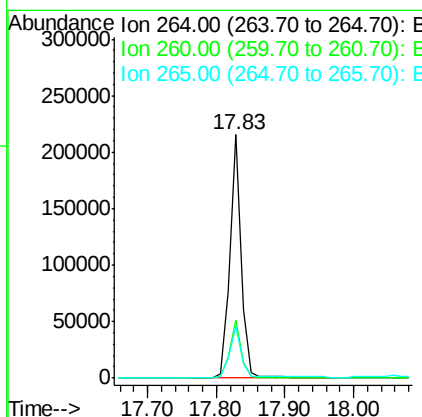
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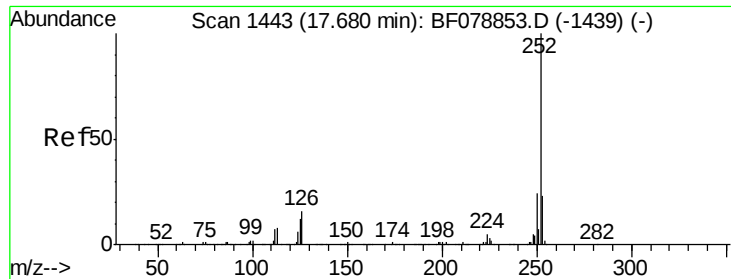
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#86
Perylene-d12
Concen: 20.00 ng
RT: 17.83 min Scan# 1456
Delta R.T. -0.19 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.2	18.3	27.5





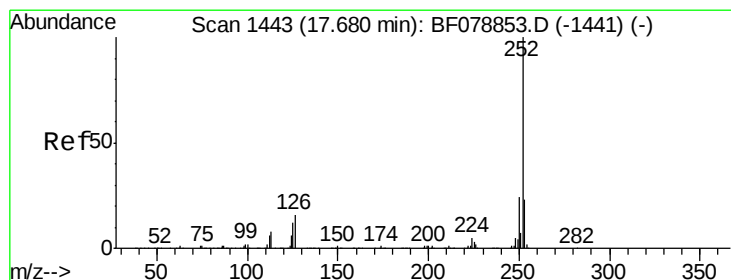
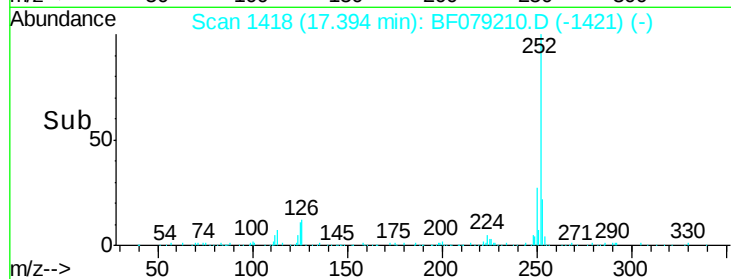
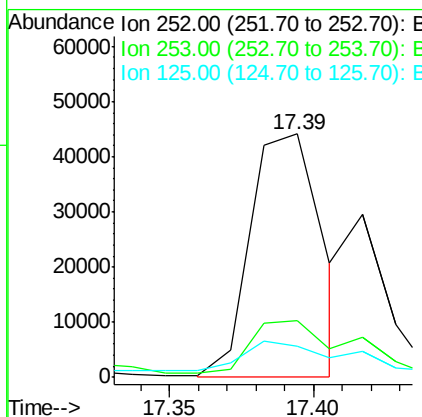
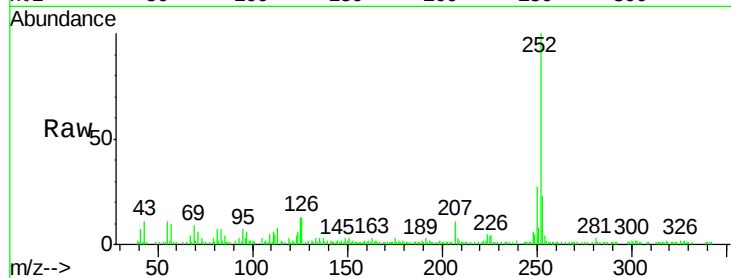
#87
Benzo(b)fluoranthene
Concen: 5.53 ng m
RT: 17.39 min Scan# 1418
Delta R.T. -0.14 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampled :
SB-41S

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	12.7	9.5	14.3

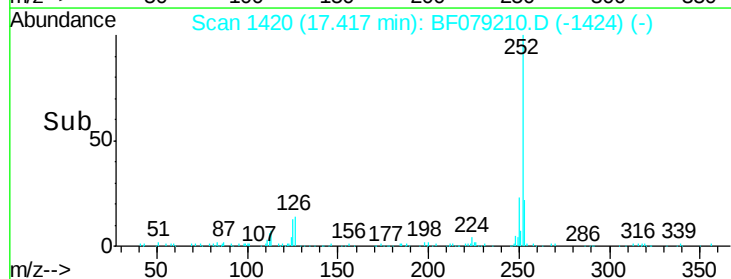
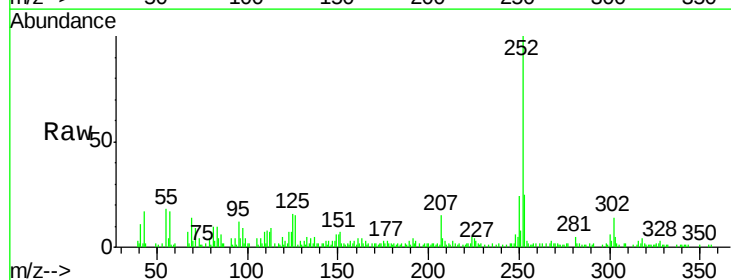
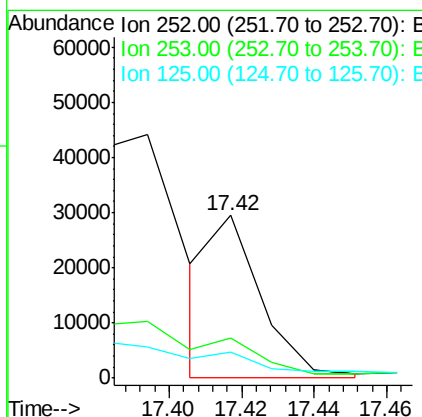
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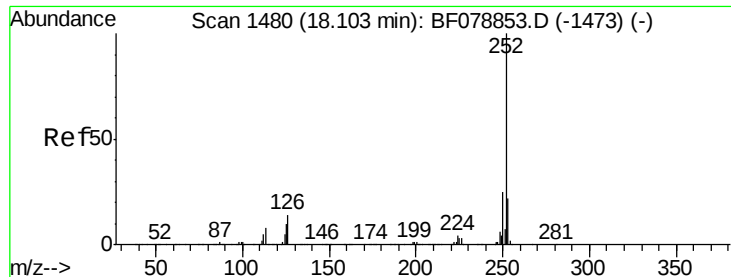
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#88
Benzo(k)fluoranthene
Concen: 2.11 ng m
RT: 17.42 min Scan# 1420
Delta R.T. -0.15 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.1	27.1
125	16.0	10.0	15.0#





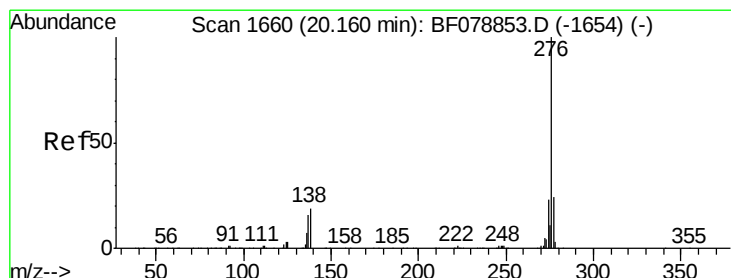
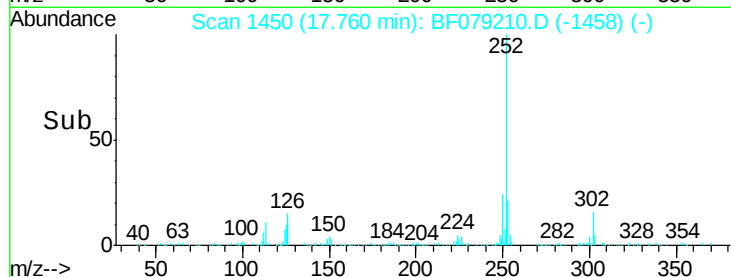
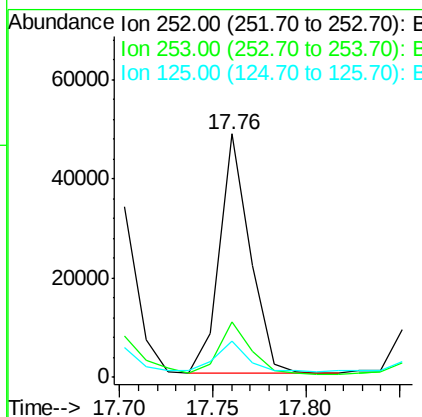
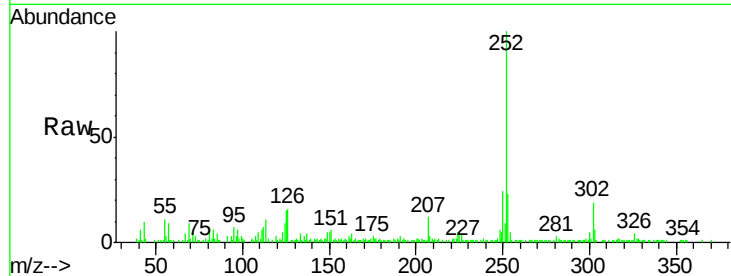
#89
Benzo(a)pyrene
Concen: 4.30 ng
RT: 17.76 min Scan# 1450
Delta R.T. -0.19 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Instrument :
BNA_F
ClientSampleId :
SB-41S

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	14.7	7.0	10.6

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 2.88 ng
RT: 19.68 min Scan# 1618
Delta R.T. -0.23 min
Lab File: BF079210.D
Acq: 13 May 2015 23:07

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.9	18.6	28.0
138	24.1	17.4	26.0

