

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078868.D
 Acq On : 1 May 2015 1:07
 Operator : TP/IZ
 Sample : G2044-07 5X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-62S

Manual Integrations
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Quant Time: May 01 02:37:10 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 01 00:31:00 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	75270	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	319642	20.00	ng	0.00
38) Acenaphthene-d10	11.13	164	150354	20.00	ng	0.00
63) Phenanthrene-d10	12.97	188	297032	20.00	ng	0.00
75) Chrysene-d12	16.26	240	305068	20.00	ng	-0.01
86) Perylene-d12	17.99	264	322273	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	74060	16.94	ng	0.00
7) Phenol-d6	6.91	99	126096	21.82	ng	0.00
23) Nitrobenzene-d5	8.06	82	68591	12.33	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	11351	6.98	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	153848	14.26	ng	0.00
78) Terphenyl-d14	14.97	244	183042	14.36	ng	0.00
Target Compounds						Qvalue
70) Phenanthrene	13.01	178	190199	11.45	ng	97
71) Anthracene	13.06	178	47575	2.92	ng	99
74) Fluoranthene	14.48	202	354793	20.49	ng	96
77) Pyrene	14.77	202	345011	19.63	ng	99
80) Benzo(a)anthracene	16.25	228	185377	11.10	ng	99
82) Chrysene	16.30	228	142370	8.86	ng	97
85) Indeno(1,2,3-cd)pyrene	19.49	276	111706	5.46	ng	# 100
87) Benzo(b)fluoranthene	17.53	252	225307m	12.77	ng	
88) Benzo(k)fluoranthene	17.57	252	64451m	3.77	ng	
89) Benzo(a)pyrene	17.92	252	159892	9.84	ng	# 96
91) Benzo(g,h,i)perylene	19.93	276	111331	6.43	ng	95

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

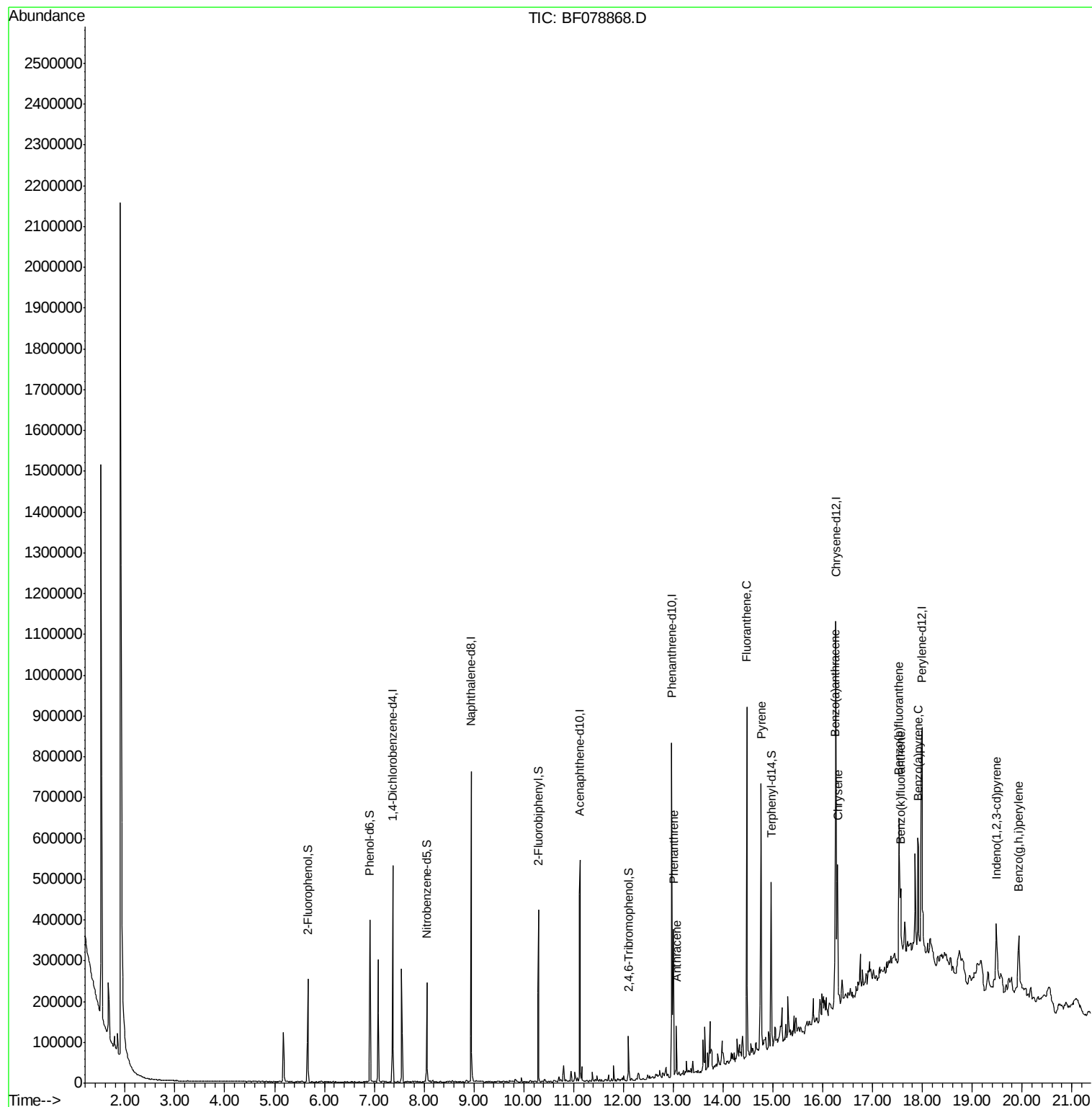
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078868.D
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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
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QLast Update : Fri May 01 00:31:00 2015
Response via : Initial Calibration





#1

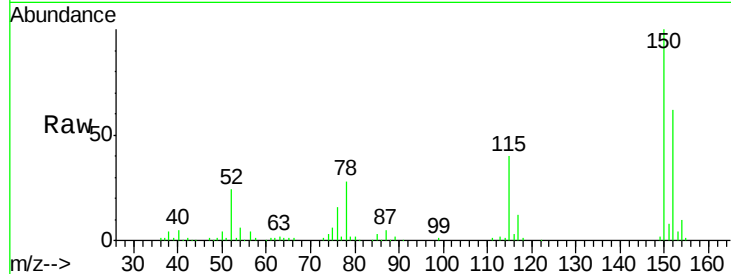
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF078868.D
Acq: 1 May 2015 1:07

Instrument :
BNA_F
ClientSampleId :
SB-62S

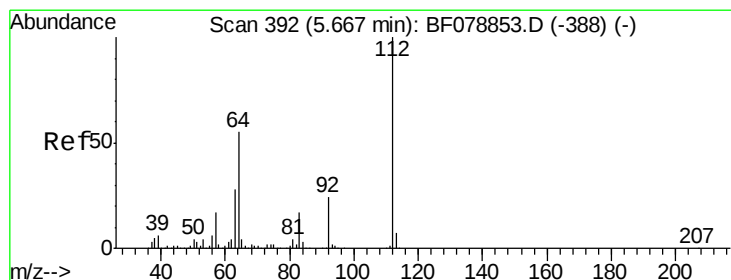
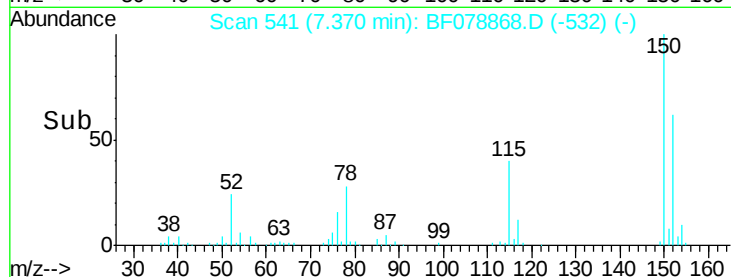
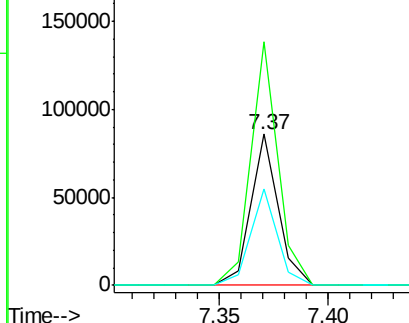
Tot Ion	Ratio	Lower	Upper
152	100		
150	161.0	122.0	183.0
115	63.9	46.3	69.5

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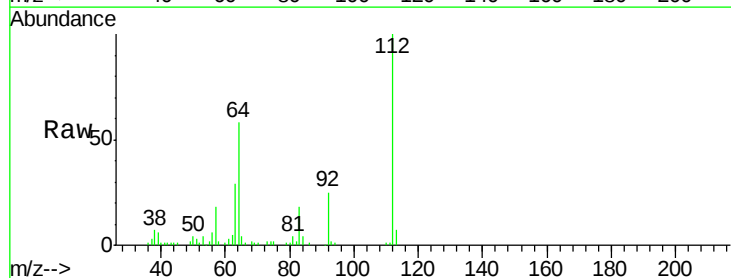
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



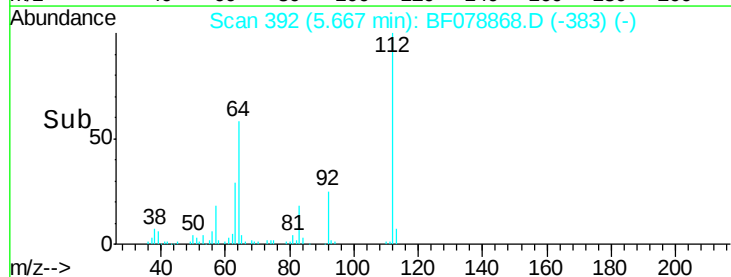
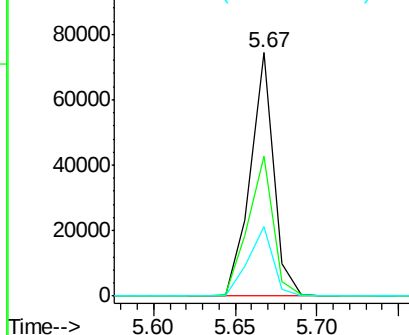
#5

2-Fluorophenol
Concen: 16.94 ng
RT: 5.67 min Scan# 392
Delta R.T. -0.00 min
Lab File: BF078868.D
Acq: 1 May 2015 1:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	53.5	80.3
63	28.7	27.5	41.3



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: 21.82 ng

RT: 6.91 min Scan# 501

Delta R.T. -0.00 min

Lab File: BF078868.D

Acq: 1 May 2015 1:07

Instrument :

BNA_F

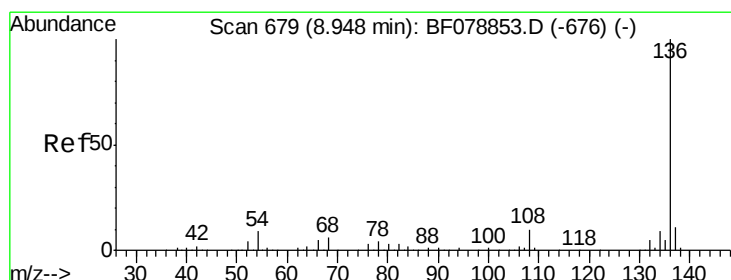
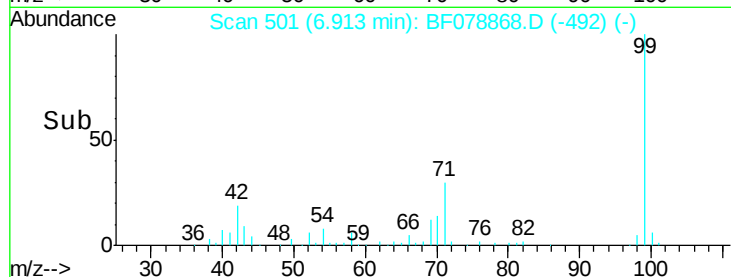
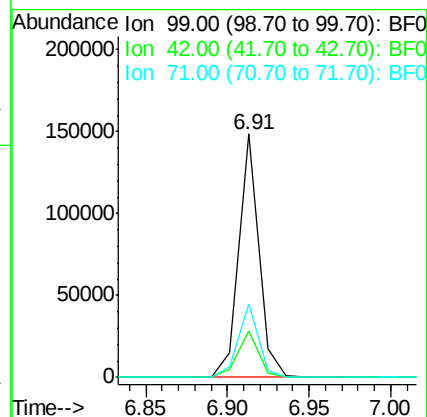
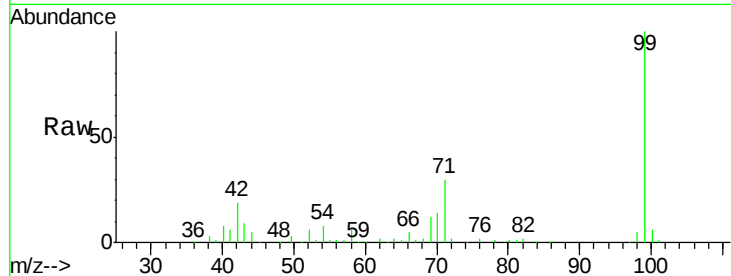
ClientSampled :

SB-62S

Tot Ion:	99	Resp:	126096
Ion Ratio	Lower	Upper	
99	100		
42	19.0	12.8	19.2
71	30.2	23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

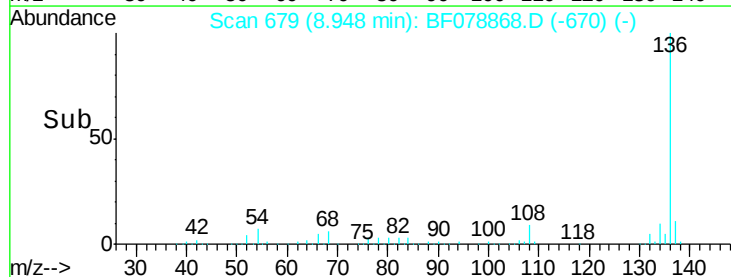
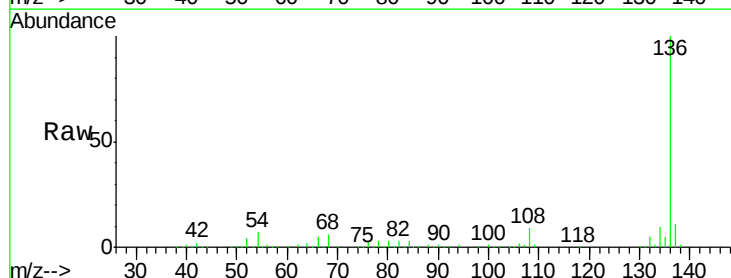
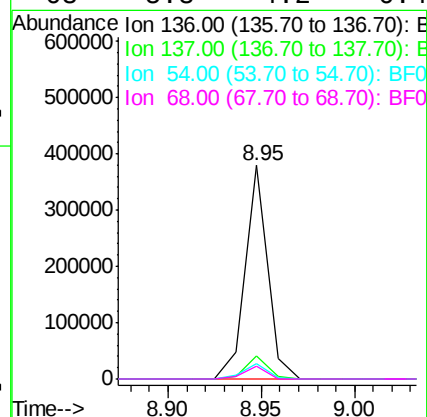
RT: 8.95 min Scan# 679

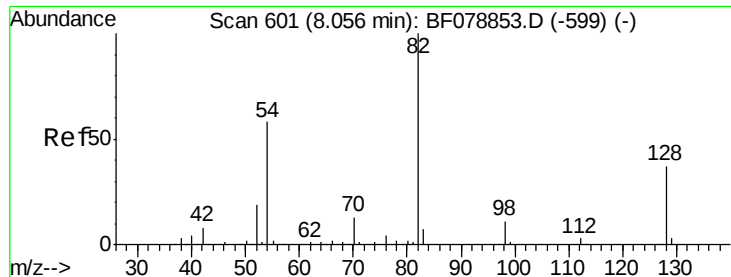
Delta R.T. -0.00 min

Lab File: BF078868.D

Acq: 1 May 2015 1:07

Tgt Ion:	136	Resp:	319642
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.7	13.1
54	7.5	5.8	8.8
68	5.8	4.2	6.4





#23

Nitrobenzene-d5

Concen: 12.33 ng

RT: 8.06 min Scan# 601

Delta R.T. -0.00 min

Lab File: BF078868.D

Acq: 1 May 2015 1:07

Instrument :

BNA_F

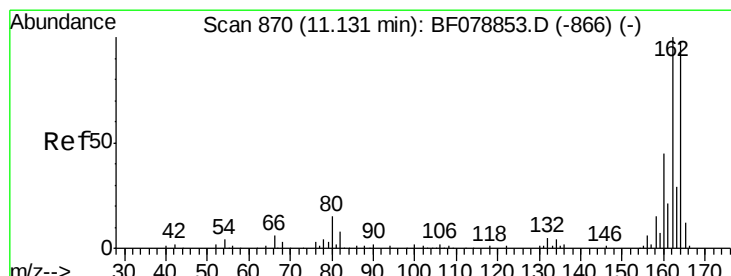
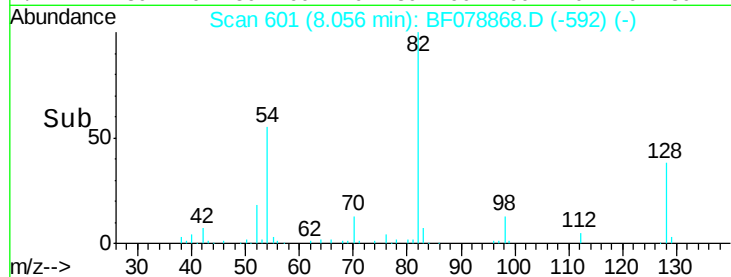
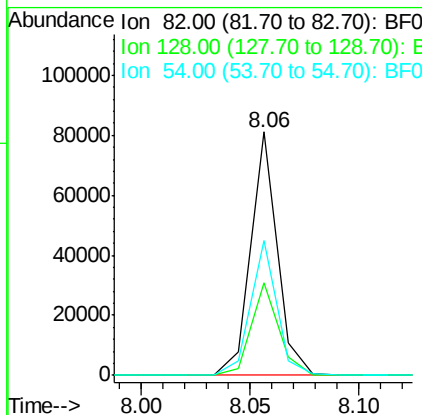
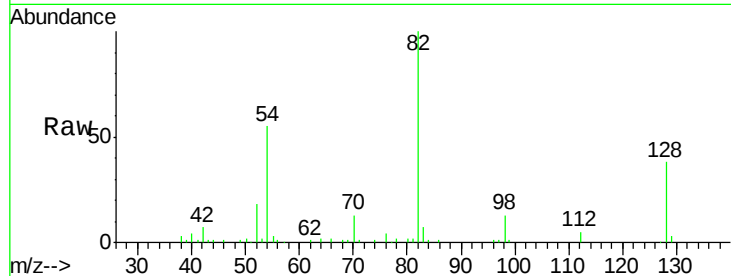
ClientSampleId :

SB-62S

Tot Ion:	82	Resp:	68591
Ion Ratio	Lower	Upper	
82	100		
128	38.2	30.0	45.0
54	55.2	46.4	69.6

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#38

Acenaphthene-d10

Concen: 20.00 ng

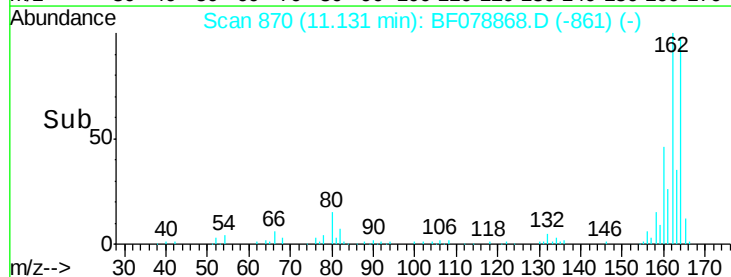
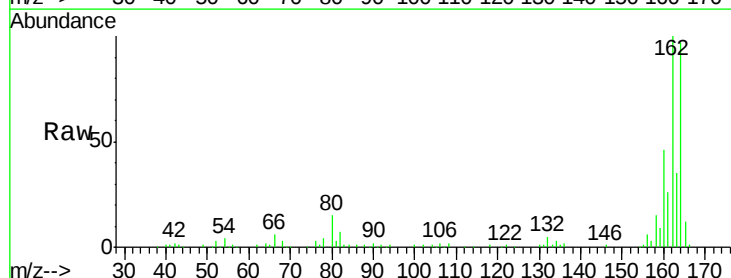
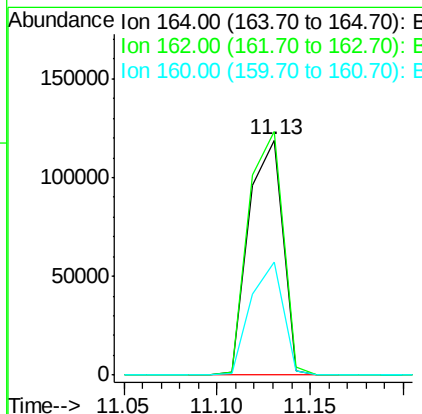
RT: 11.13 min Scan# 870

Delta R.T. -0.00 min

Lab File: BF078868.D

Acq: 1 May 2015 1:07

Tgt Ion:	164	Resp:	150354
Ion Ratio	Lower	Upper	
164	100		
162	103.5	82.7	124.1
160	47.9	35.8	53.8





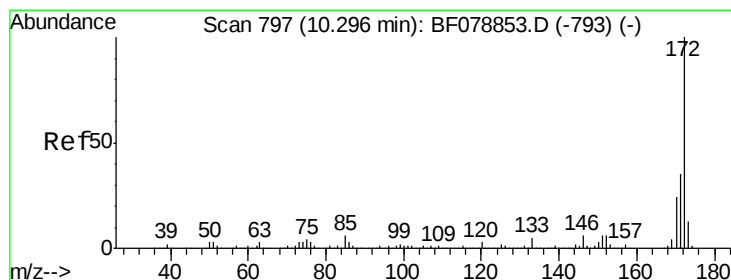
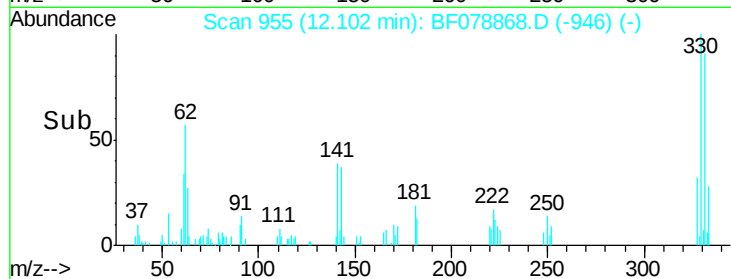
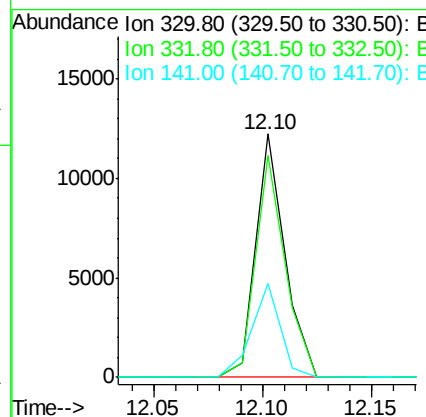
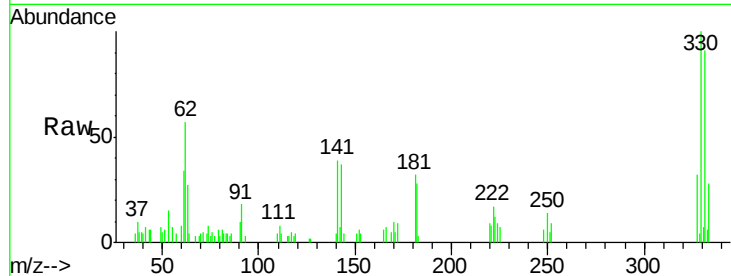
#41
 2,4,6-Tribromophenol
 Concen: 6.98 ng
 RT: 12.10 min Scan# 955
 Delta R.T. -0.00 min
 Lab File: BF078868.D
 Acq: 1 May 2015 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-62S

Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	92.7	0.0	0.0#
141	38.3	0.0	0.0#

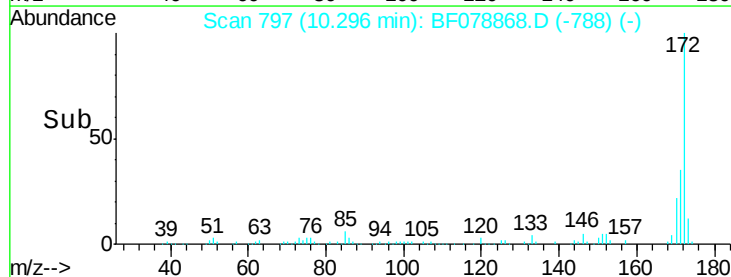
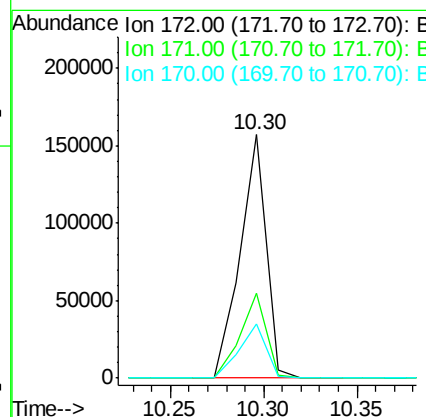
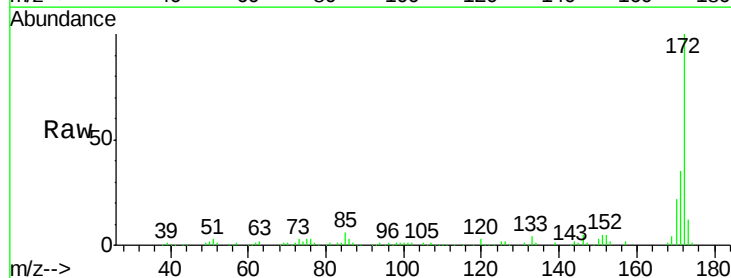
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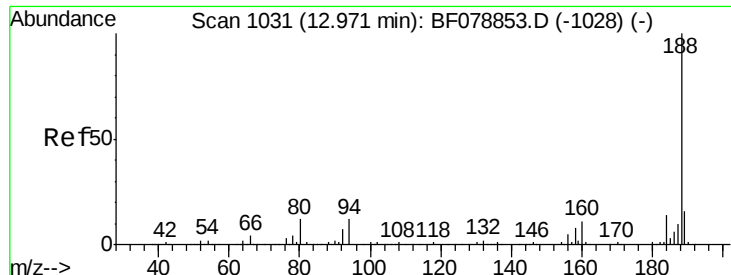
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#44
 2-Fluorobiphenyl
 Concen: 14.26 ng
 RT: 10.30 min Scan# 797
 Delta R.T. -0.00 min
 Lab File: BF078868.D
 Acq: 1 May 2015 1:07

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	34.7	27.9	41.9
170	22.0	19.4	29.0





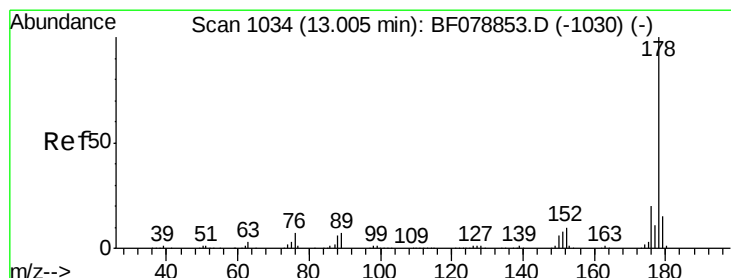
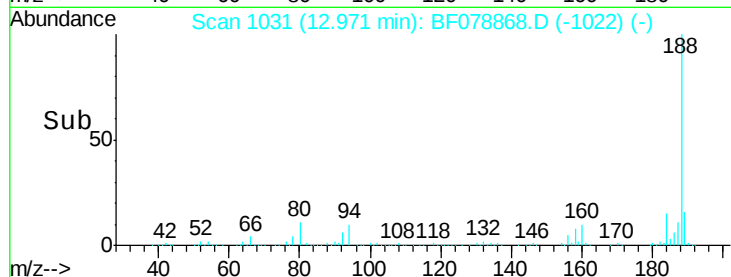
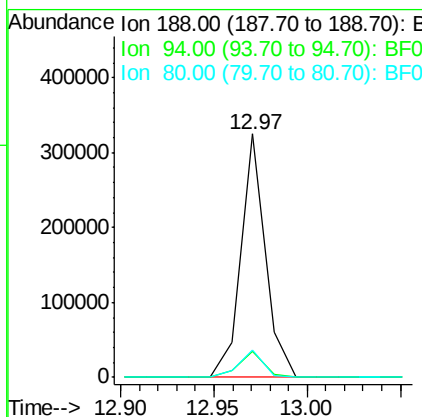
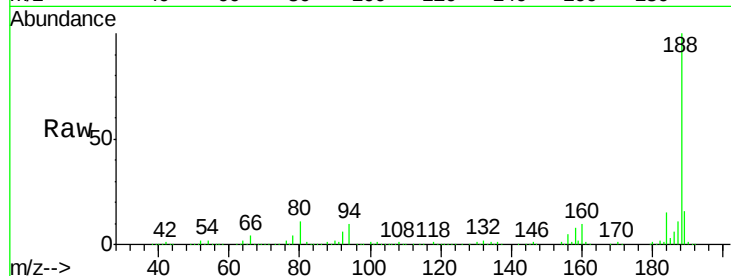
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF078868.D
Acq: 1 May 2015 1:07

Instrument :
BNA_F
ClientSampleId :
SB-62S

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	10.4	8.2	12.2
80	11.3	8.9	13.3

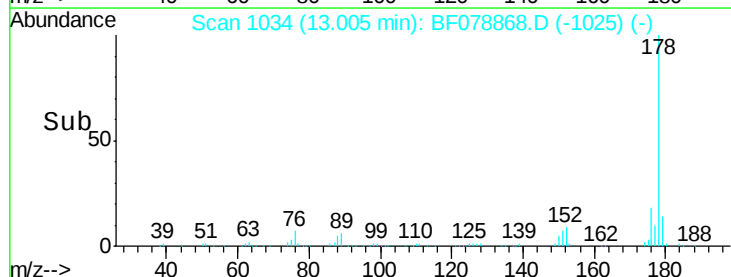
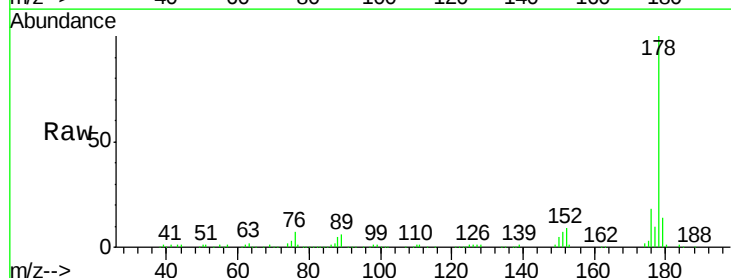
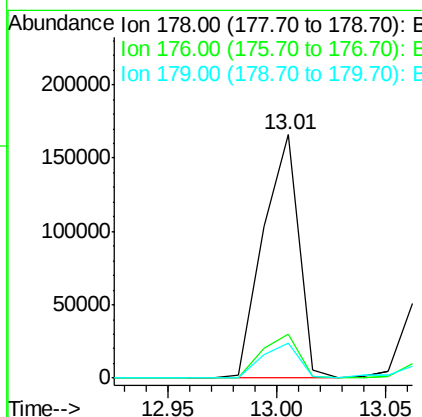
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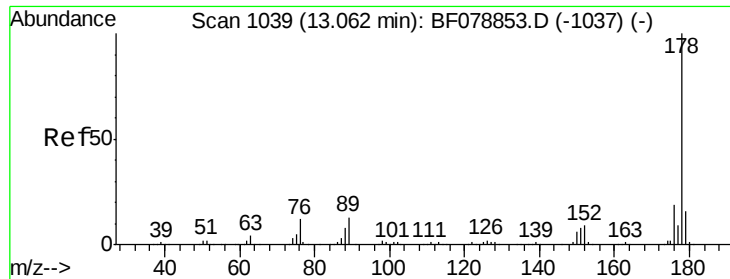
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#70
Phenanthrene
Concen: 11.45 ng
RT: 13.01 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF078868.D
Acq: 1 May 2015 1:07

Tgt Ion	Ratio	Resp Lower	Resp Upper
178	100		
176	18.3	15.8	23.8
179	14.3	12.5	18.7





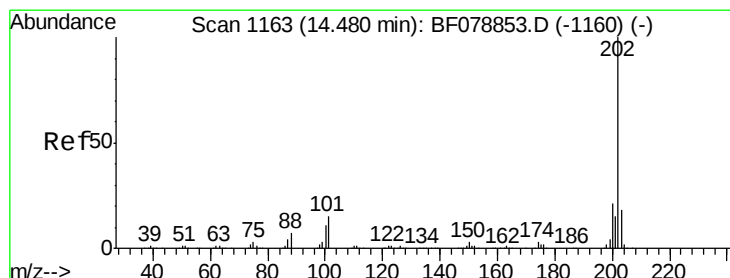
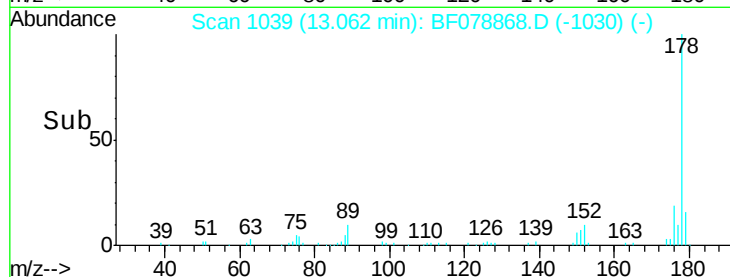
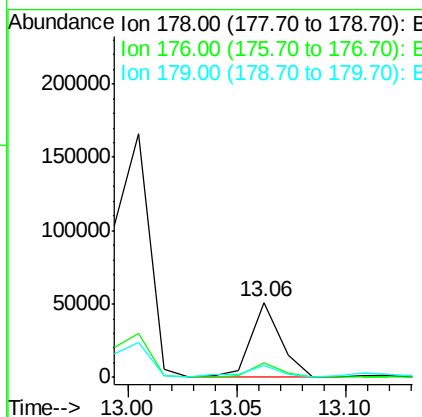
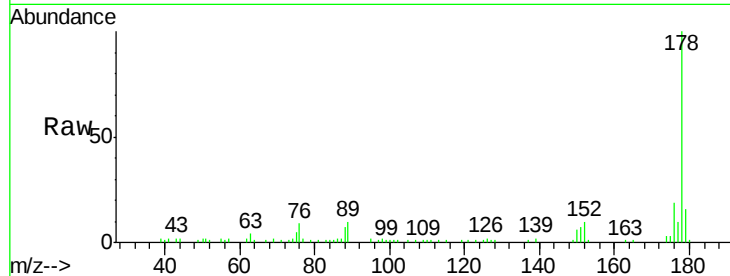
#71
 Anthracene
 Concen: 2.92 ng
 RT: 13.06 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BF078868.D
 Acq: 1 May 2015 1:07

Instrument :
 BNA_F
 ClientSampled :
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Tot Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	15.5	12.7	19.1

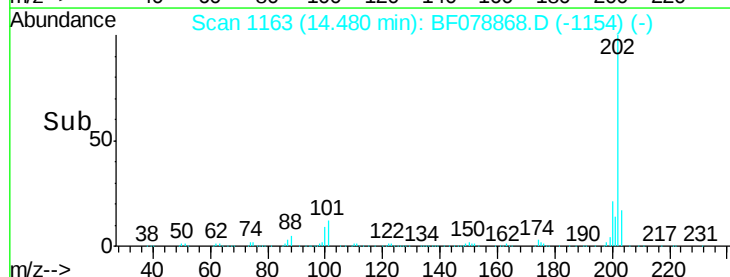
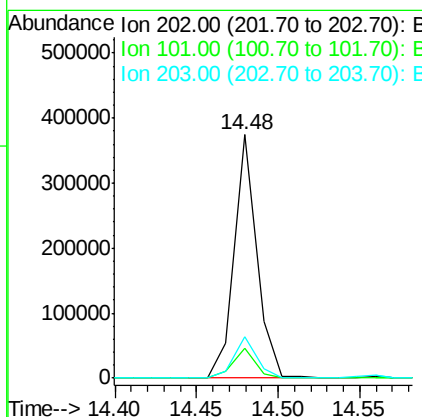
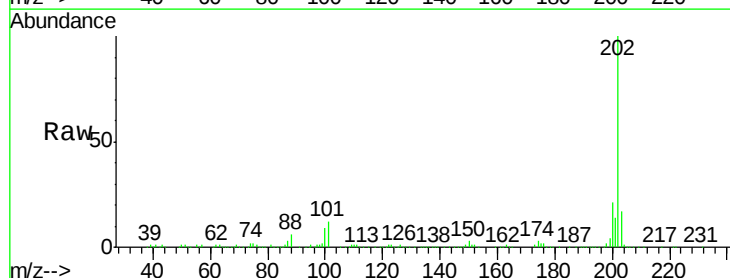
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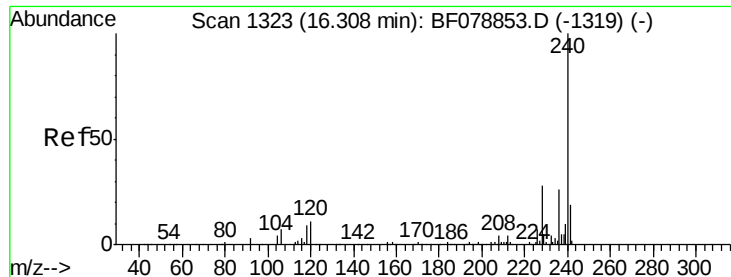
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#74
 Fluoranthene
 Concen: 20.49 ng
 RT: 14.48 min Scan# 1163
 Delta R.T. -0.00 min
 Lab File: BF078868.D
 Acq: 1 May 2015 1:07

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	34.6
203	17.1	0.0	38.4





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.26 min Scan# 1319

Delta R.T. -0.01 min

Lab File: BF078868.D

Acq: 1 May 2015 1:07

Instrument :

BNA_F

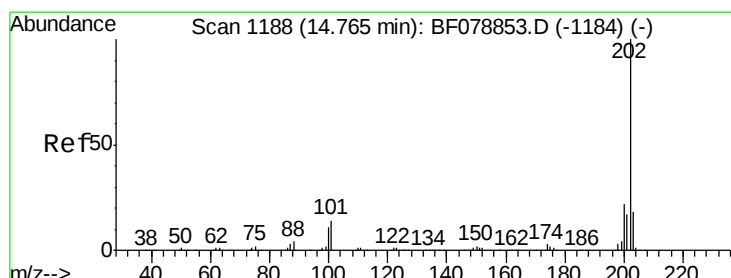
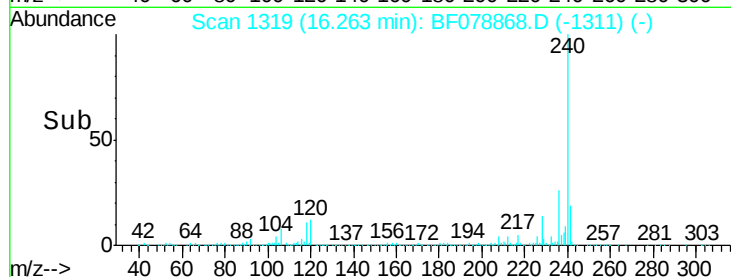
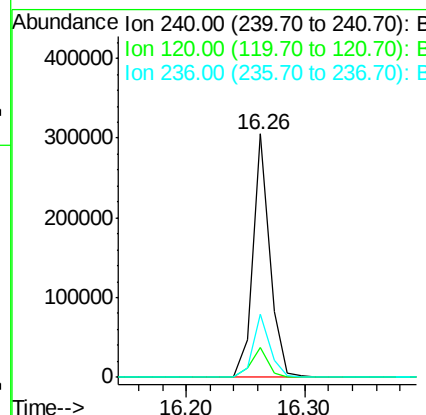
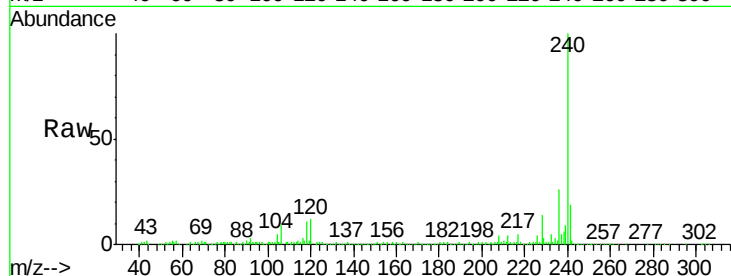
ClientSampleId :

SB-62S

Tot Ion:	240	Resp:	305068
Ion Ratio	Lower	Upper	
240	100		
120	12.3	9.7	14.5
236	26.1	20.2	30.4

Manual Integrations
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#77

Pyrene

Concen: 19.63 ng

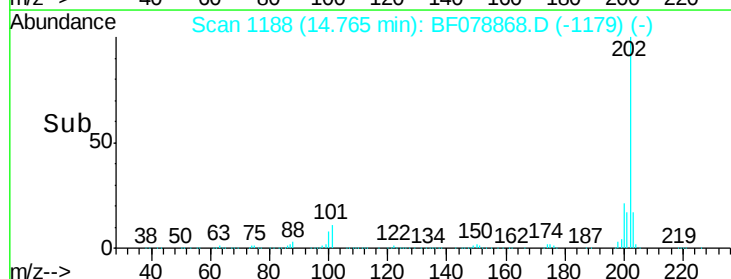
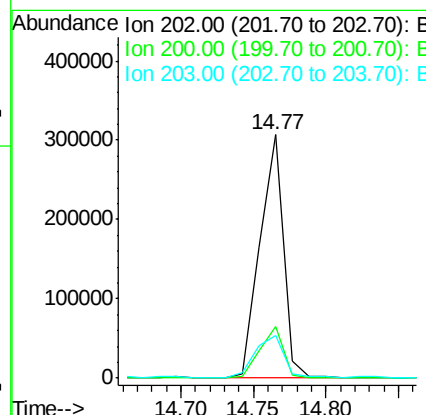
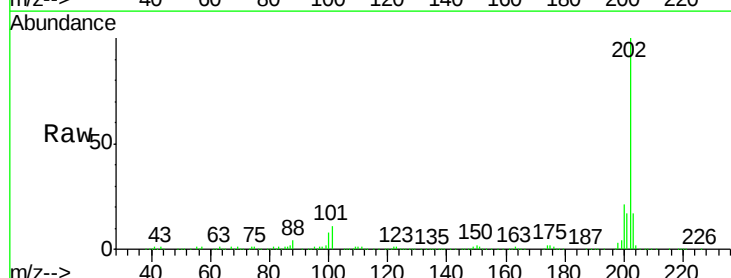
RT: 14.77 min Scan# 1188

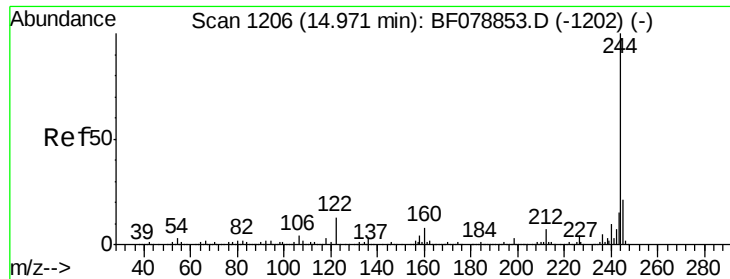
Delta R.T. -0.00 min

Lab File: BF078868.D

Acq: 1 May 2015 1:07

Tgt Ion:	202	Resp:	345011
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.5	26.3
203	17.4	13.9	20.9





#78

Terphenyl-d14

Concen: 14.36 ng

RT: 14.97 min Scan# 1206

Delta R.T. -0.00 min

Lab File: BF078868.D

Acq: 1 May 2015 1:07

Instrument :

BNA_F

ClientSampleId :

SB-62S

Tot Ion:244 Resp: 183042

Ion Ratio Lower Upper

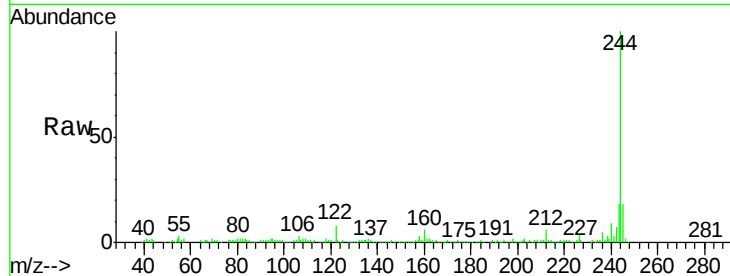
244 100

212 6.2 5.6 8.4

122 7.7 10.3 15.5#

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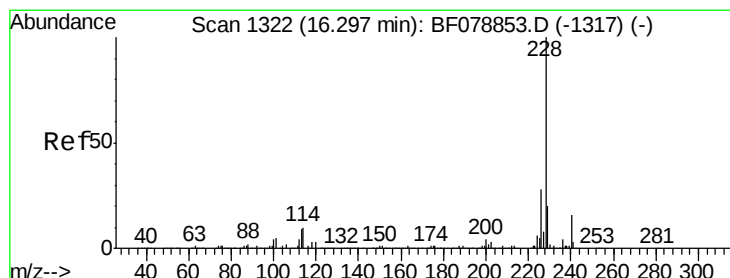
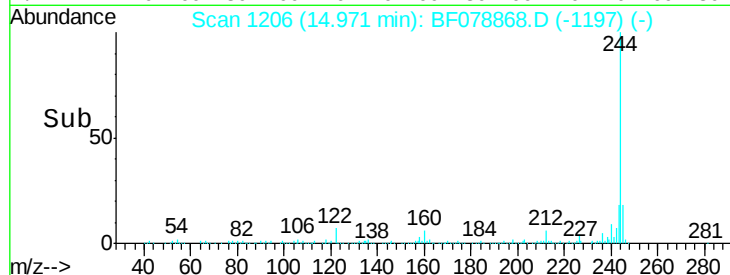
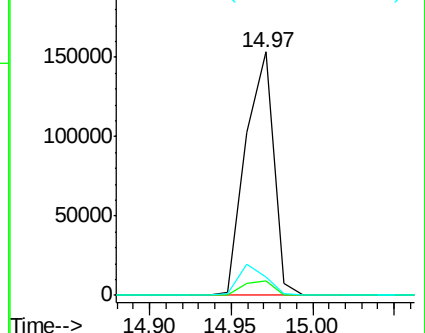
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Benzo(a)anthracene

Concen: 11.10 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF078868.D

Acq: 1 May 2015 1:07

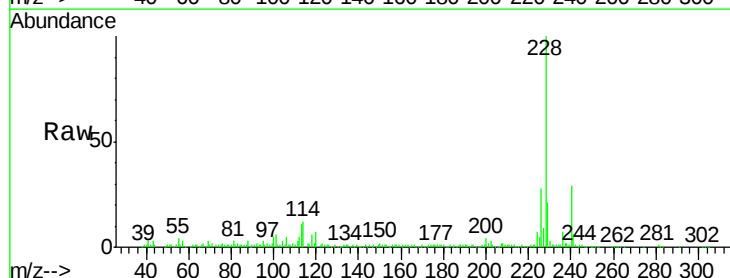
Tgt Ion:228 Resp: 185377

Ion Ratio Lower Upper

228 100

226 28.3 22.6 33.8

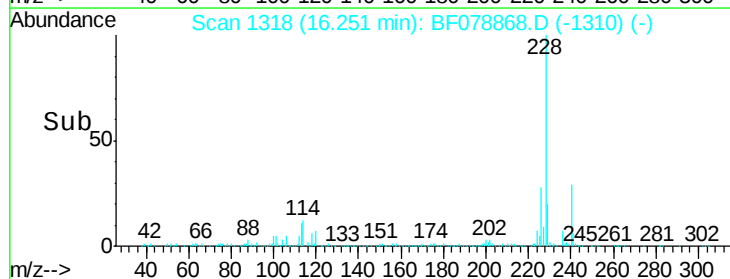
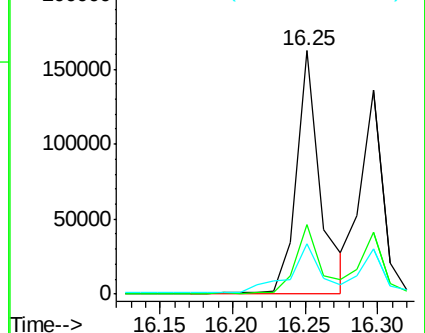
229 20.7 15.9 23.9

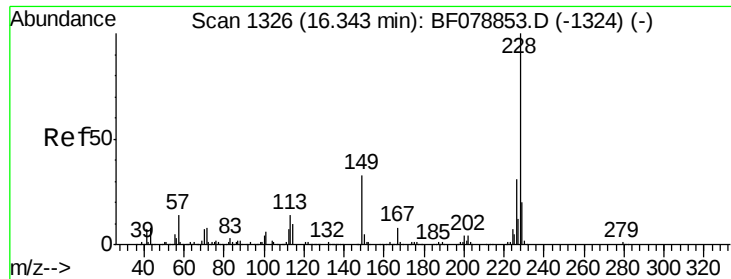


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#82

Chrysene

Concen: 8.86 ng

RT: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078868.D

Acq: 1 May 2015 1:07

Instrument :

BNA_F

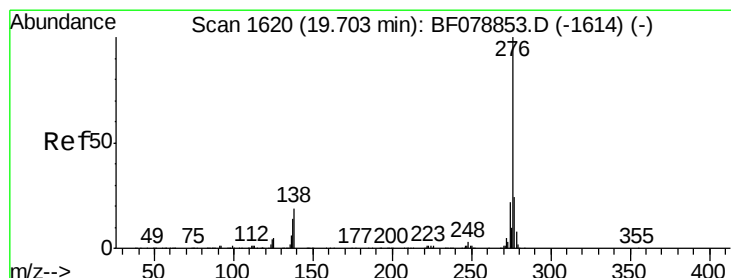
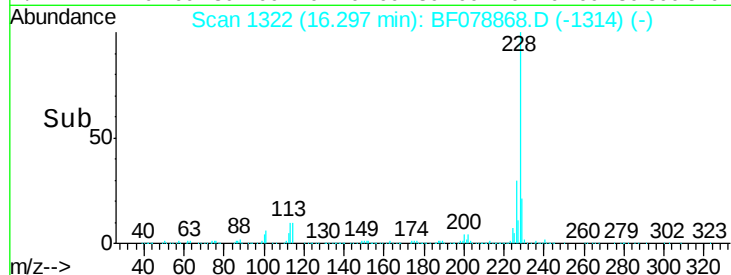
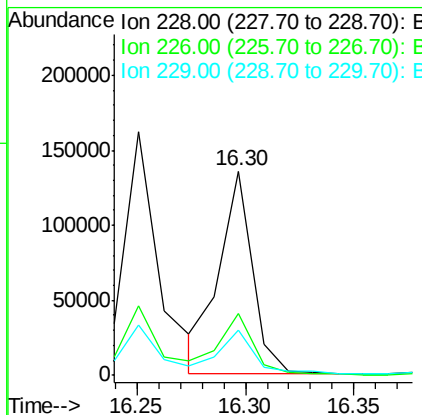
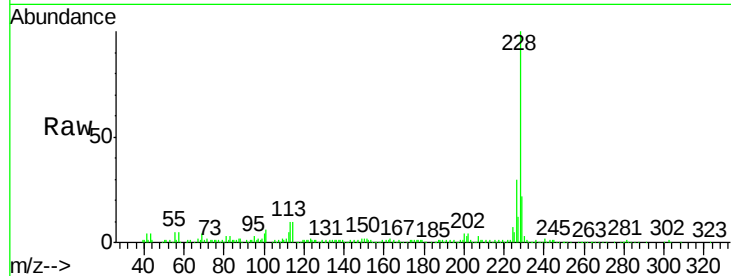
ClientSampled :

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Tot Ion:	228	Resp:	142370
Ion Ratio		Lower	Upper
228	100		
226	30.0	24.9	37.3
229	21.9	16.0	24.0

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#85

Indeno(1,2,3-cd)pyrene

Concen: 5.46 ng

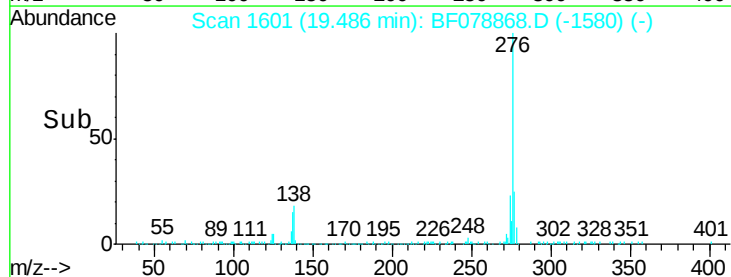
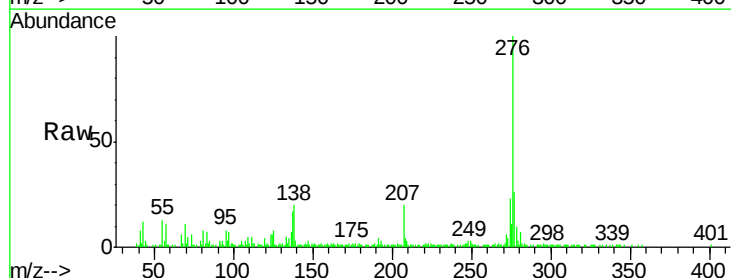
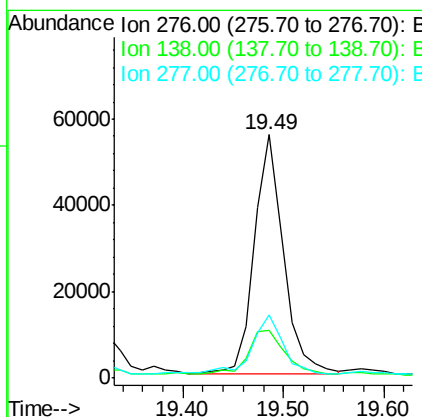
RT: 19.49 min Scan# 1601

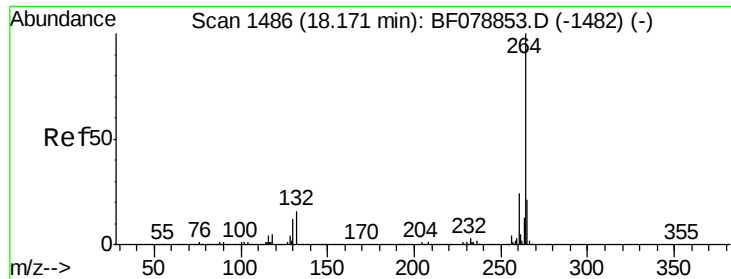
Delta R.T. -0.06 min

Lab File: BF078868.D

Acq: 1 May 2015 1:07

Tgt Ion:	276	Resp:	111706
Ion Ratio		Lower	Upper
276	100		
138	23.9	0.0	0.0#
277	28.7	0.0	0.0#





#86

Pervlene-d12

Concen: 20.00 ng

RT: 17.99 min Scan# 1470

Delta R.T. -0.05 min

Lab File: BF078868.D

Acq: 1 May 2015 1:07

Instrument :

BNA_F

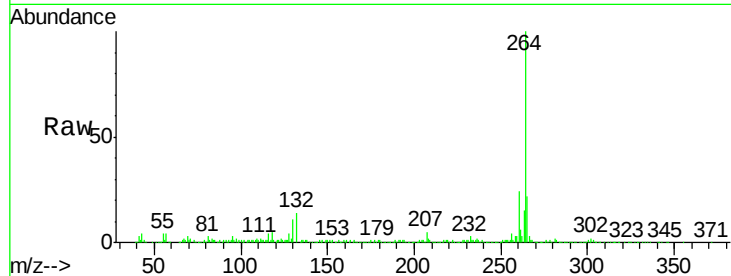
ClientSampled :

SB-62S

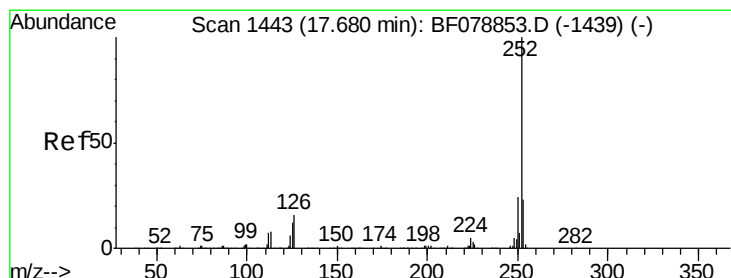
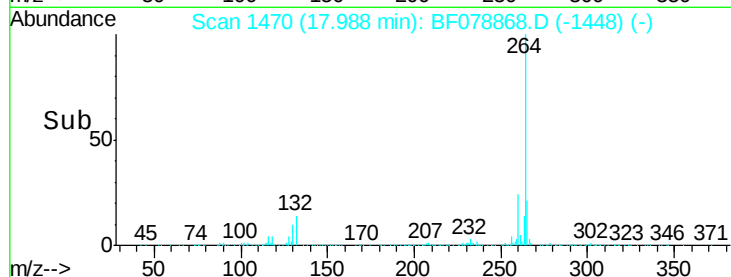
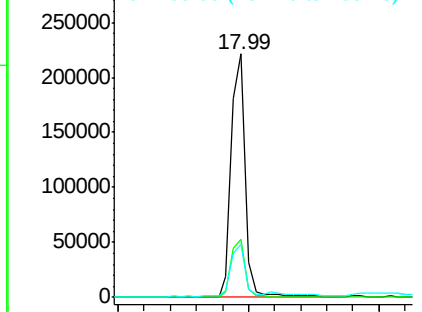
Tot Ion:	264	Resp:	322273
Ion Ratio	Lower	Upper	
264	100		
260	23.7	19.4	29.2
265	21.7	18.3	27.5

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#87

Benzo(b)fluoranthene

Concen: 12.77 ng m

RT: 17.53 min Scan# 1430

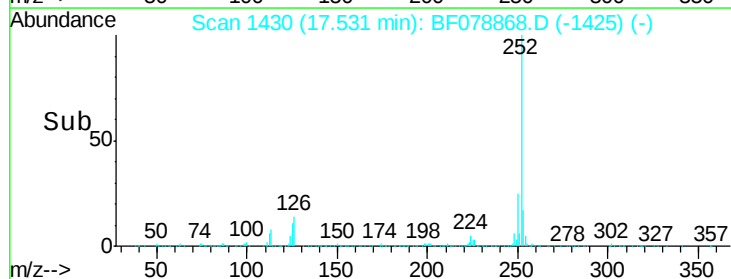
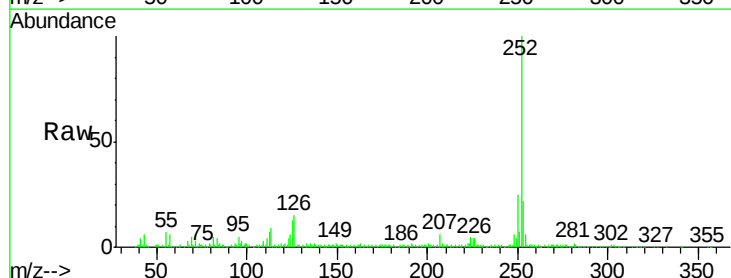
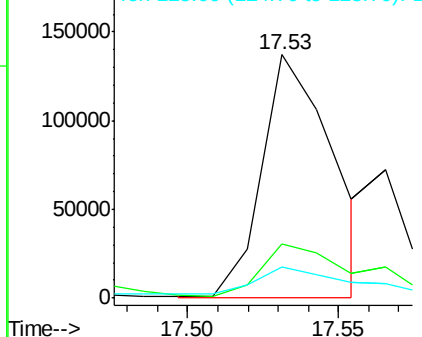
Delta R.T. -0.05 min

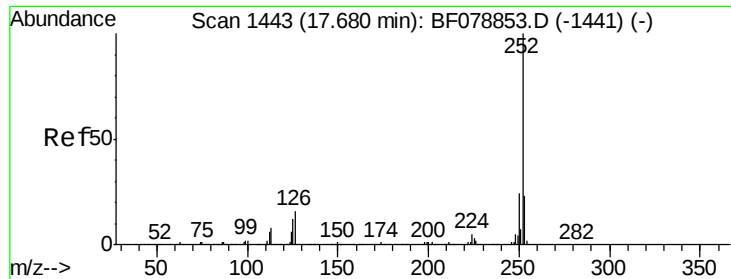
Lab File: BF078868.D

Acq: 1 May 2015 1:07

Tgt Ion:	252	Resp:	225307
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.7	26.5
125	13.0	9.5	14.3

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





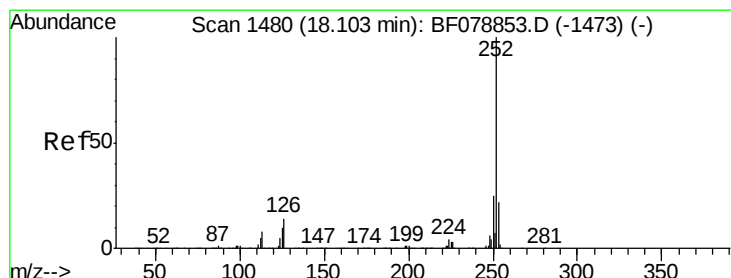
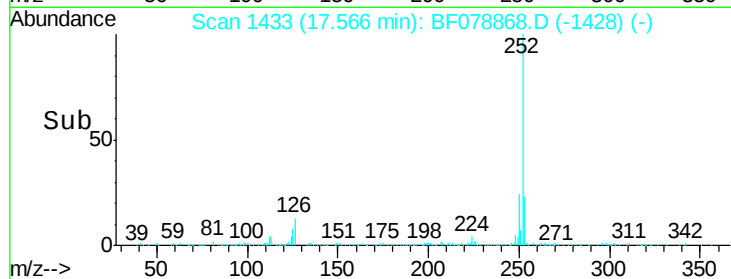
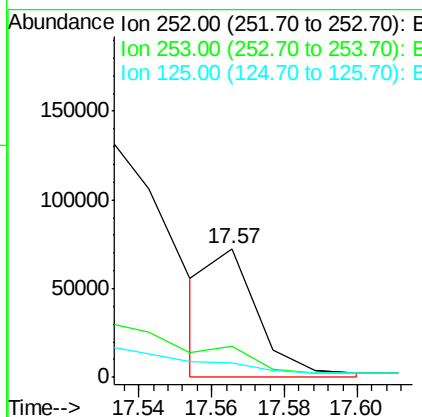
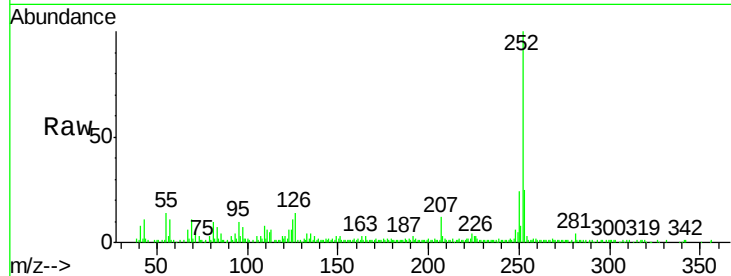
#88
Benzo(k)fluoranthene
Concen: 3.77 ng m
RT: 17.57 min Scan# 1433
Delta R.T. -0.05 min
Lab File: BF078868.D
Acq: 1 May 2015 1:07

Instrument :
BNA_F
ClientSampleId :
SB-62S

Tot Ion:	252	Resp:	64451
Ion Ratio	Lower	Upper	
252	100		
253	24.5	18.1	27.1
125	11.3	10.0	15.0

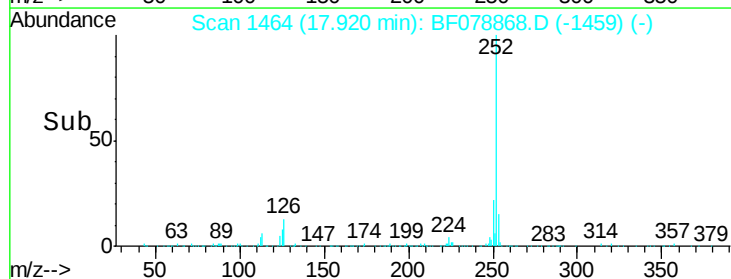
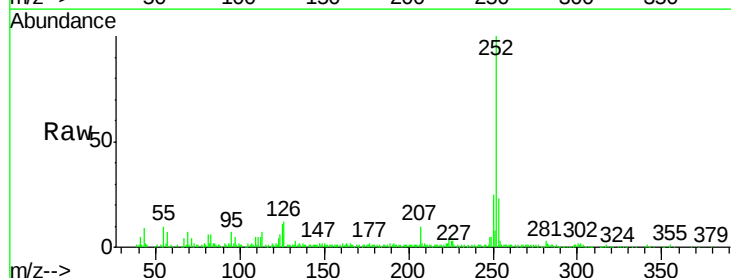
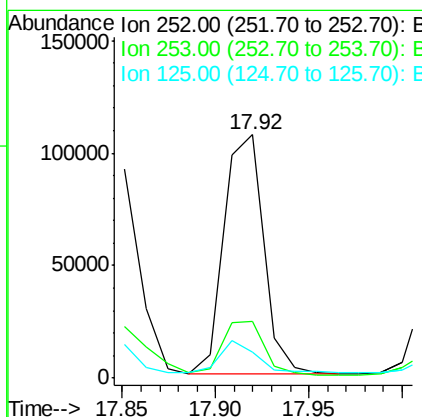
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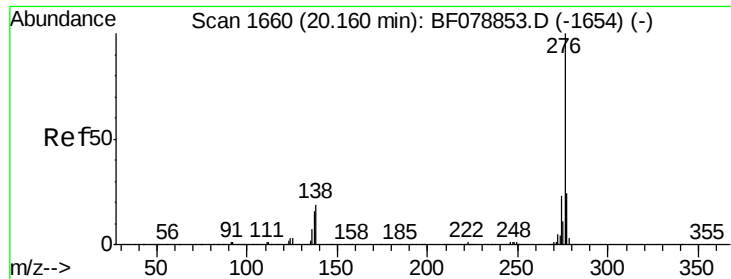
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#89
Benzo(a)pyrene
Concen: 9.84 ng
RT: 17.92 min Scan# 1464
Delta R.T. -0.05 min
Lab File: BF078868.D
Acq: 1 May 2015 1:07

Tgt Ion:	252	Resp:	159892
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.3	25.9
125	10.6	7.0	10.6#





#91
 Benzo(a,h,i)perylene
 Concen: 6.43 ng
 RT: 19.93 min Scan# 1640
 Delta R.T. -0.07 min
 Lab File: BF078868.D
 Acq: 1 May 2015 1:07

Instrument :
 BNA_F
 ClientSampleId :
 SB-62S

Tot Ion:	276	Resp:	111331
Ion Ratio		Lower	Upper
276	100		
277	24.8	18.6	28.0
138	24.6	17.4	26.0

Manual Integrations
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