

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
 Data File : BF078870.D
 Acq On : 1 May 2015 2:04
 Operator : TP/IZ
 Sample : G2044-11
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-57S

Manual Integrations
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apatel
 5/1/2015 4:44:10 PM

Quant Time: May 01 03:29:10 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	84474	20.00	ng	0.00
21) Naphthalene-d8	8.95	136	355532	20.00	ng	0.00
38) Acenaphthene-d10	11.12	164	161604	20.00	ng	-0.01
63) Phenanthrene-d10	12.97	188	314330	20.00	ng	0.00
75) Chrysene-d12	16.26	240	323074	20.00	ng	-0.01
86) Perylene-d12	17.95	264	342047	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	721526	147.03	ng	0.00
7) Phenol-d6	6.92	99	1028322	158.53	ng	0.01
23) Nitrobenzene-d5	8.06	82	532584	86.09	ng	0.00
41) 2,4,6-Tribromophenol	12.10	330	273499	156.44	ng	0.00
44) 2-Fluorobiphenyl	10.30	172	1115692	96.19	ng	0.00
78) Terphenyl-d14	14.97	244	1214215	89.98	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	8.58	122	8625	8.67	ng	96
49) Dimethylphthalate	10.80	163	67082	5.66	ng	98
70) Phenanthrene	13.01	178	53619	3.05	ng	97
74) Fluoranthene	14.48	202	93632	5.11	ng	93
77) Pyrene	14.77	202	84998	4.57	ng	97
80) Benzo(a)anthracene	16.25	228	51723	2.92	ng	96
82) Chrysene	16.30	228	37161	2.18	ng	98
83) Bis(2-ethylhexyl)phthalate	16.30	149	206298	16.74	ng	# 95
87) Benzo(b)fluoranthene	17.52	252	58235m	3.11	ng	
89) Benzo(a)pyrene	17.90	252	42675	2.48	ng	# 92

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

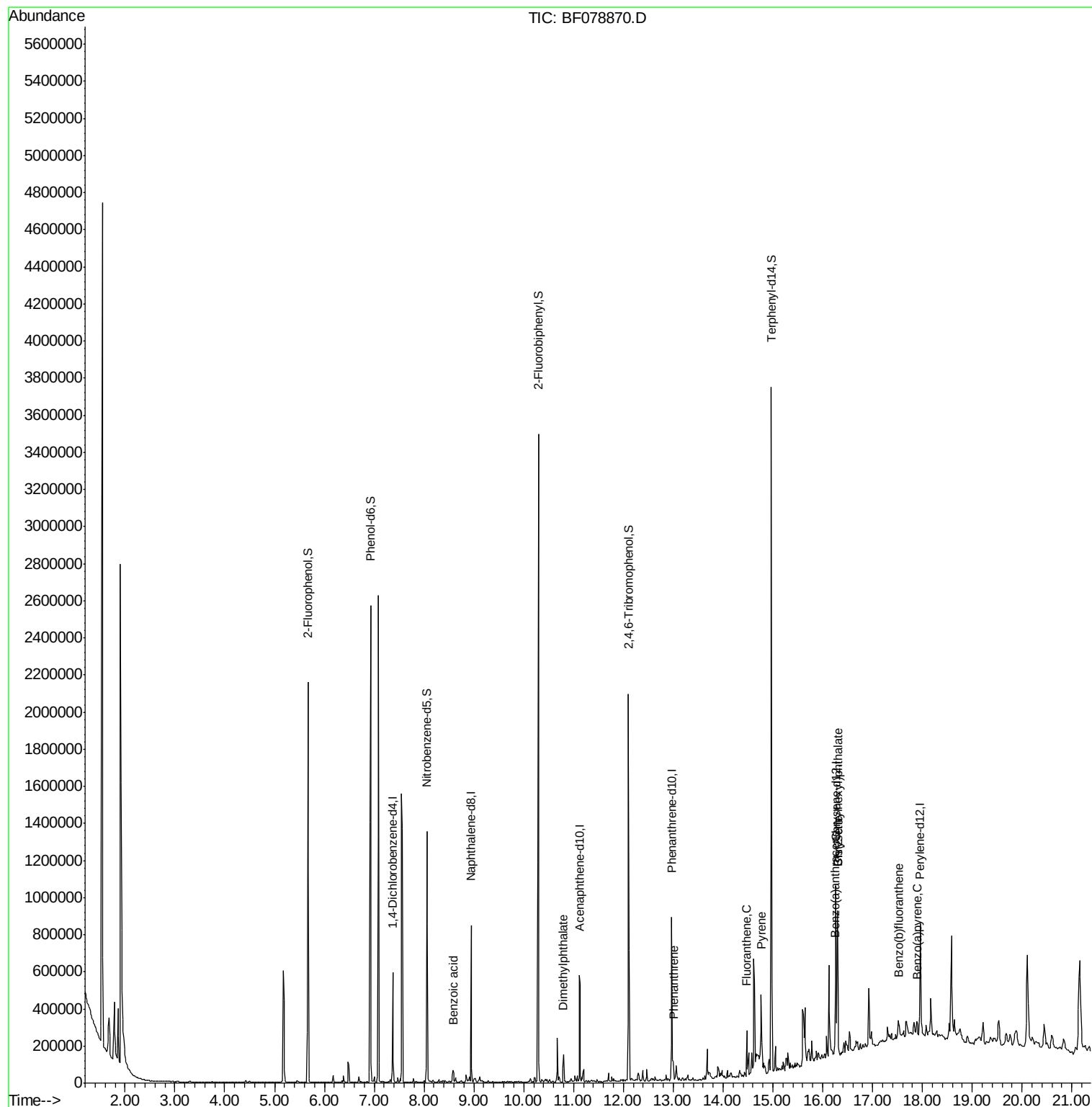
Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078870.D
Acq On : 1 May 2015 2:04
Operator : TP/IZ
Sample : G2044-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

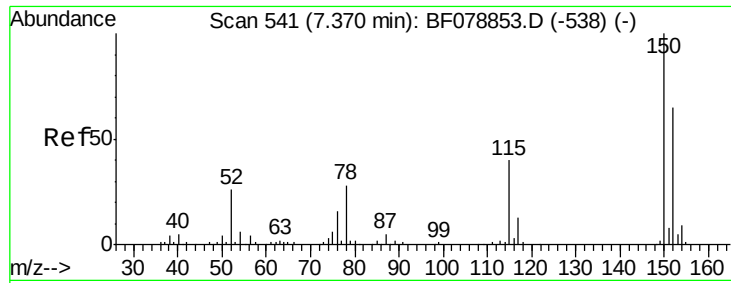
Instrument :
BNA_F
ClientSampleId :
SB-57S

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Quant Time: May 01 03:29:10 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
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Response via : Initial Calibration





#1

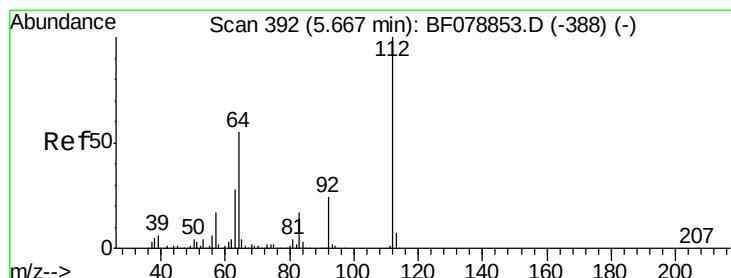
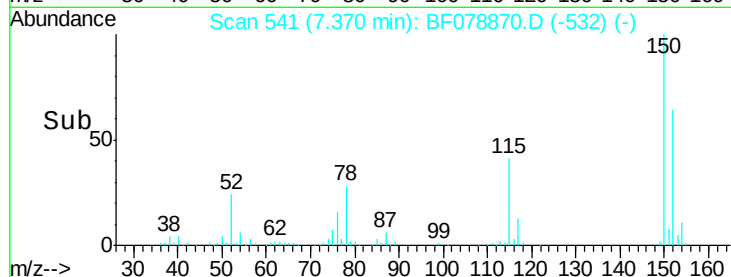
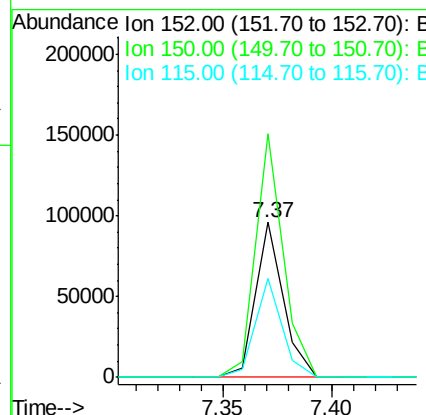
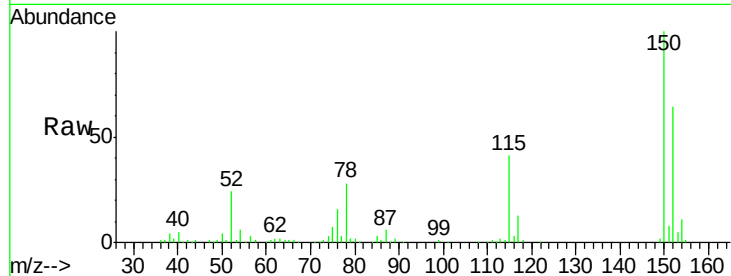
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.37 min Scan# 541
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.3	122.0	183.0
115	64.4	46.3	69.5

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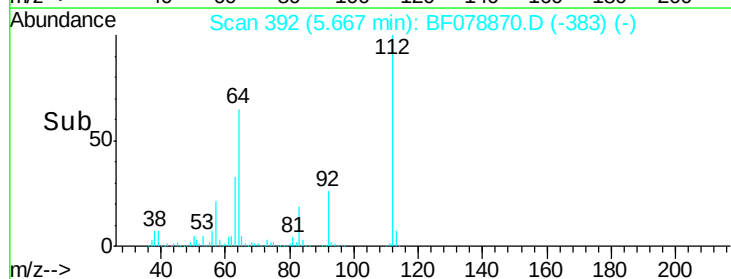
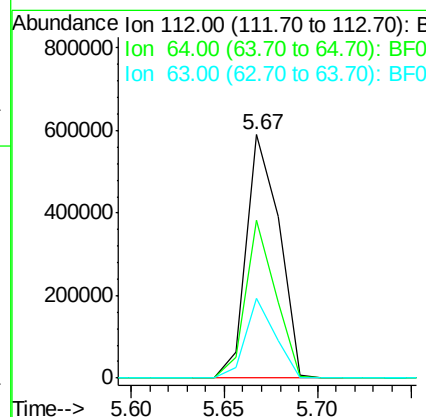
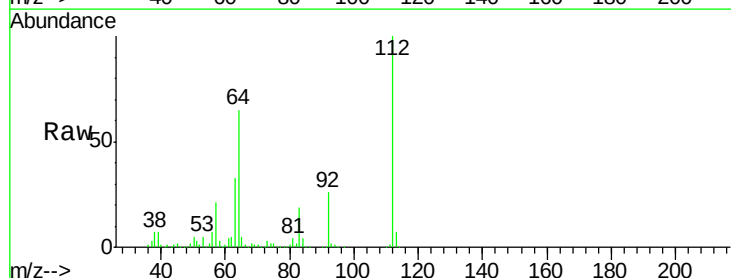
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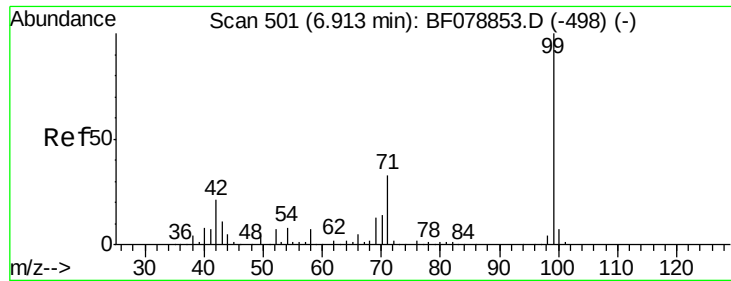


#5

2-Fluorophenol
Concen: 147.03 ng
RT: 5.67 min Scan# 392
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	53.5	80.3
63	33.0	27.5	41.3





#7

Phenol-d6

Concen: 158.53 ng

RT: 6.92 min Scan# 502

Delta R.T. 0.01 min

Lab File: BF078870.D

Acq: 1 May 2015 2:04

Instrument :

BNA_F

ClientSampled :

SB-57S

Tot Ion: 99 Resp: 1028322

Ion Ratio Lower Upper

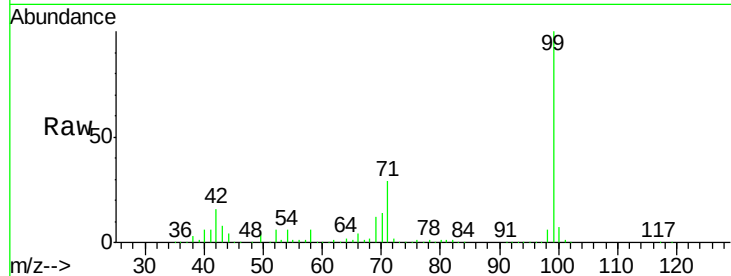
99 100

42 16.0 12.8 19.2

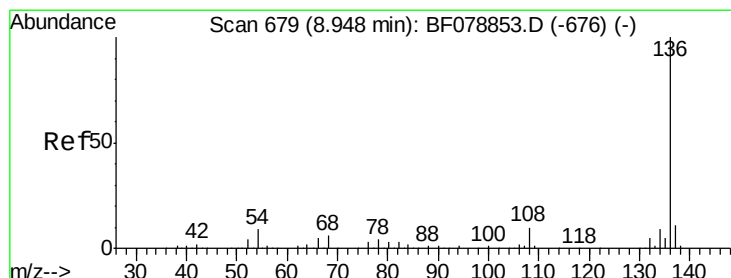
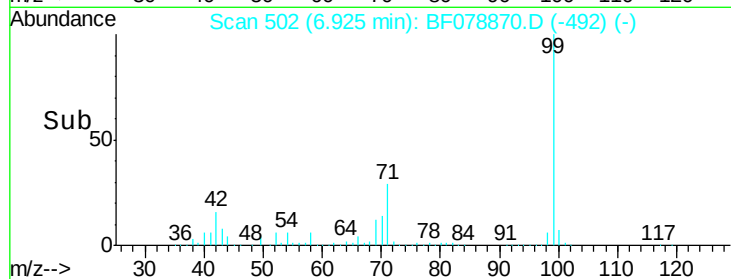
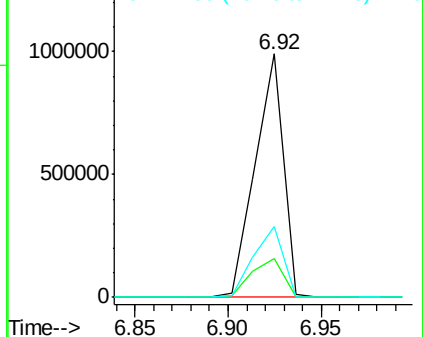
71 29.0 23.4 35.2

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Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.95 min Scan# 679

Delta R.T. 0.00 min

Lab File: BF078870.D

Acq: 1 May 2015 2:04

Tgt Ion: 136 Resp: 355532

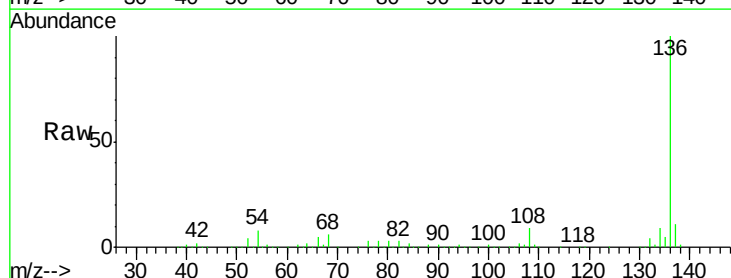
Ion Ratio Lower Upper

136 100

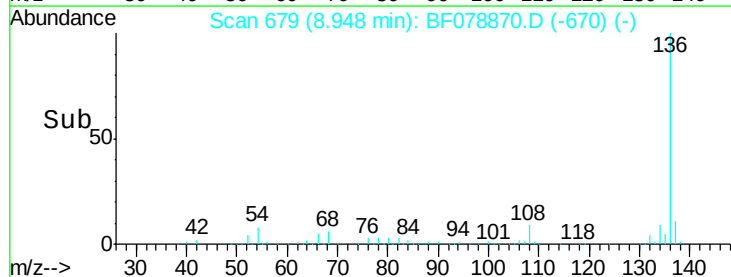
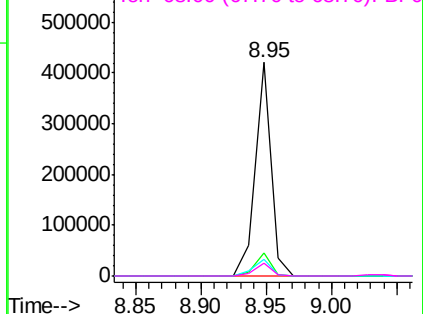
137 10.7 8.7 13.1

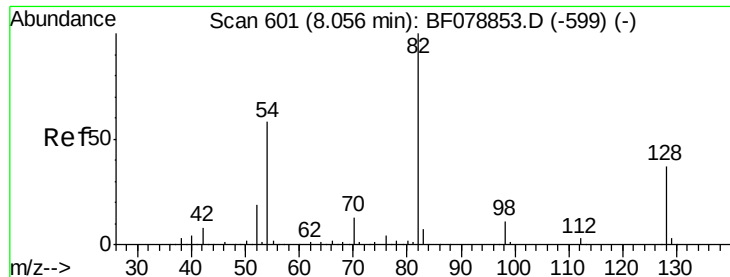
54 7.8 5.8 8.8

68 6.0 4.2 6.4



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0





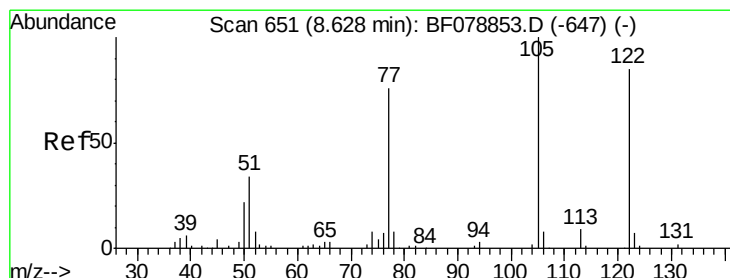
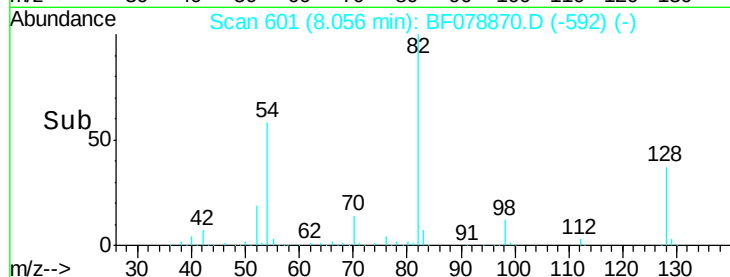
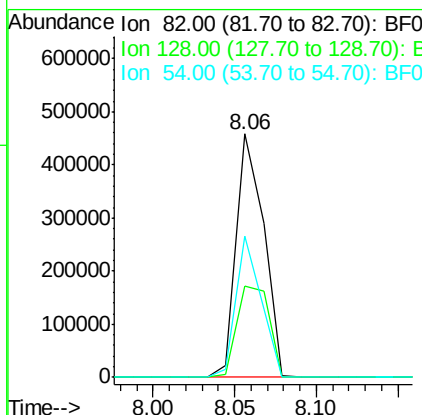
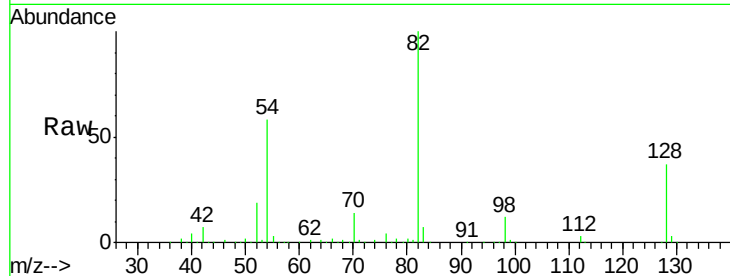
#23
Nitrobenzene-d5
Concen: 86.09 ng
RT: 8.06 min Scan# 601
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampled :
SB-57S

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.4	30.0	45.0	
54	57.8	46.4	69.6	

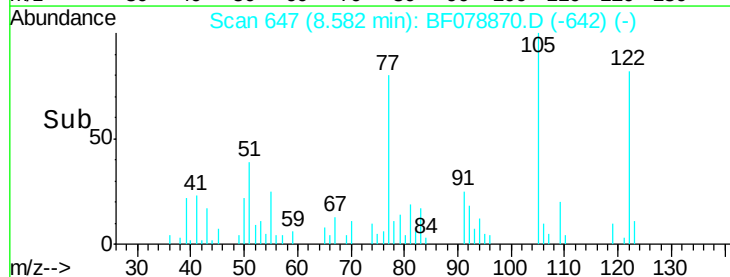
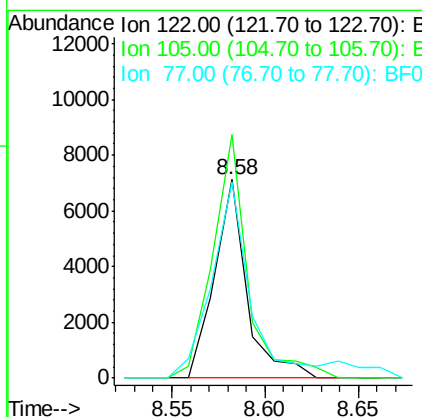
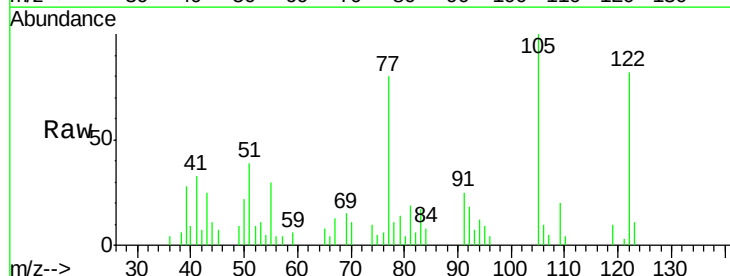
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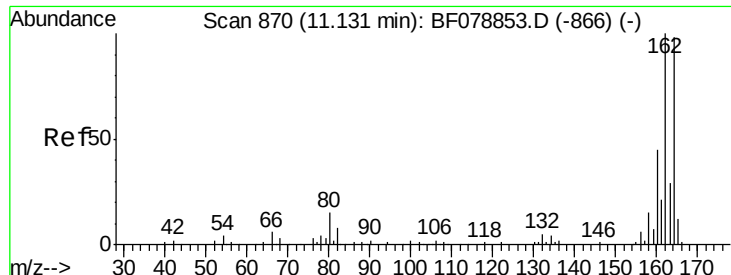
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#32
Benzoic acid
Concen: 8.67 ng
RT: 8.58 min Scan# 647
Delta R.T. -0.05 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	122.6	107.1	147.1	
77	98.6	73.9	113.9	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.12 min Scan# 869

Delta R.T. -0.01 min

Lab File: BF078870.D

Acq: 1 May 2015 2:04

Instrument :

BNA_F

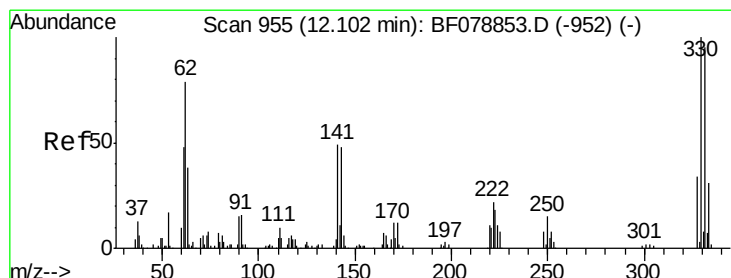
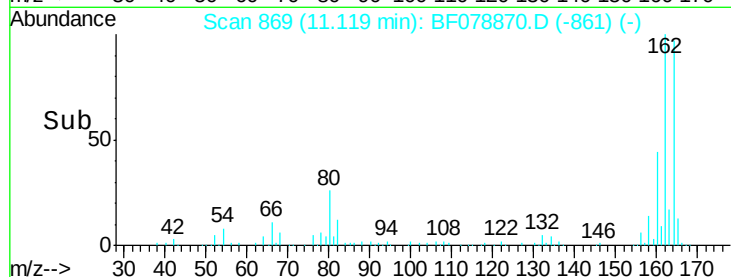
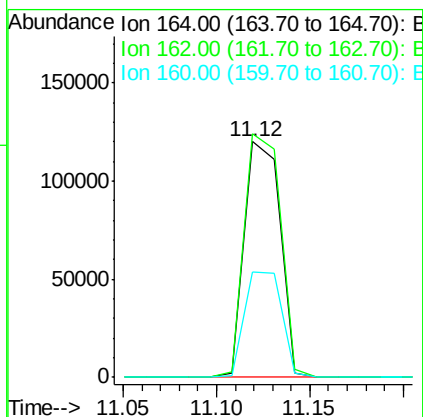
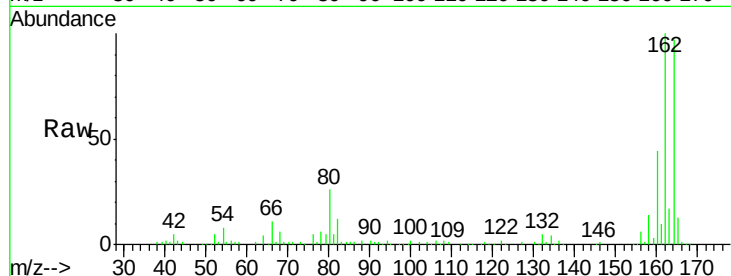
ClientSampleId :

SB-57S

Tot Ion:	164	Resp:	161604
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.7	124.1
160	44.9	35.8	53.8

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#41

2,4,6-Tribromophenol

Concen: 156.44 ng

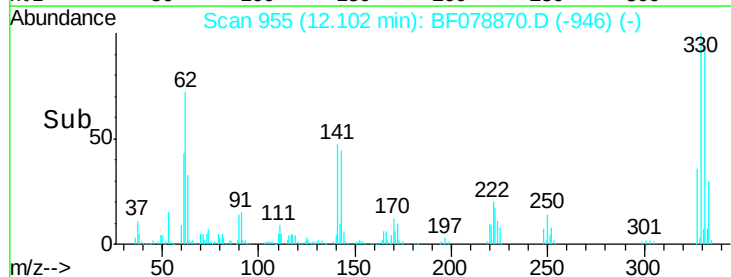
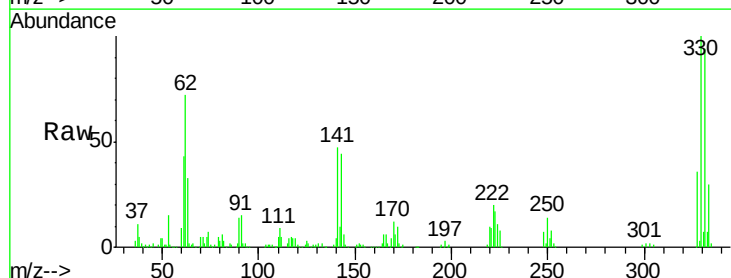
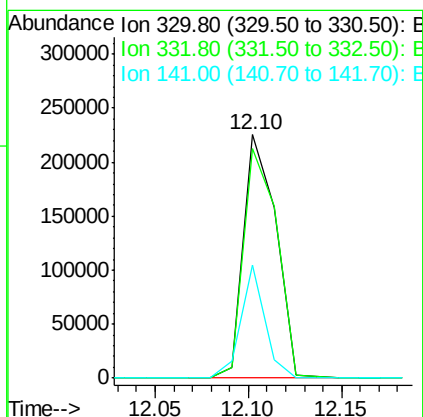
RT: 12.10 min Scan# 955

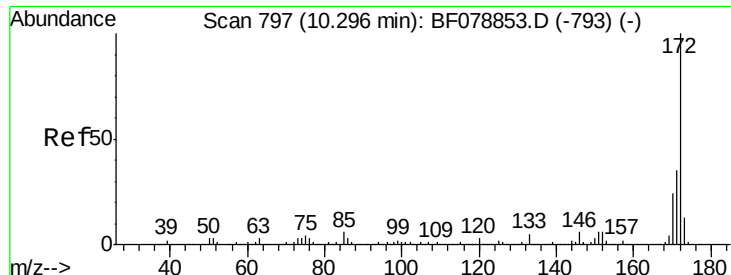
Delta R.T. 0.00 min

Lab File: BF078870.D

Acq: 1 May 2015 2:04

Tgt Ion:	330	Resp:	273499
Ion Ratio	Lower	Upper	
330	100		
332	96.9	0.0	0.0#
141	34.8	0.0	0.0#





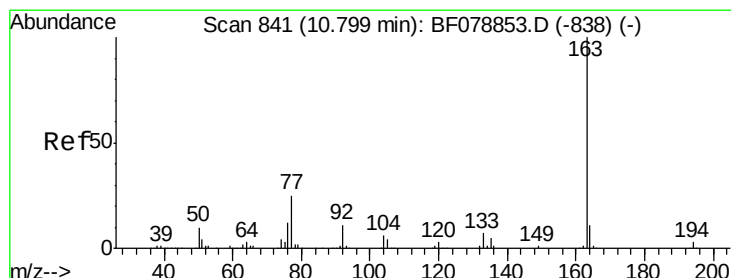
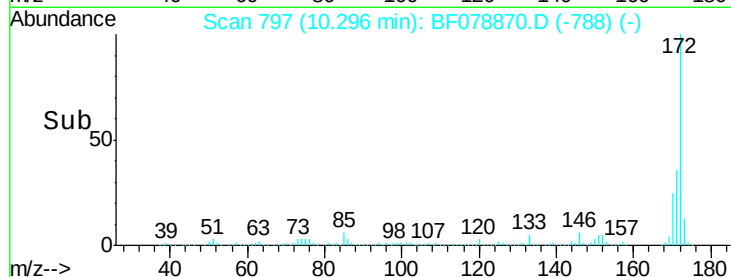
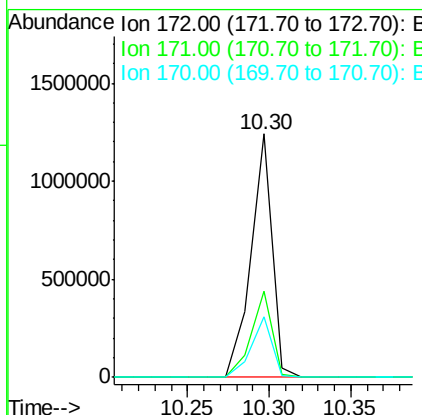
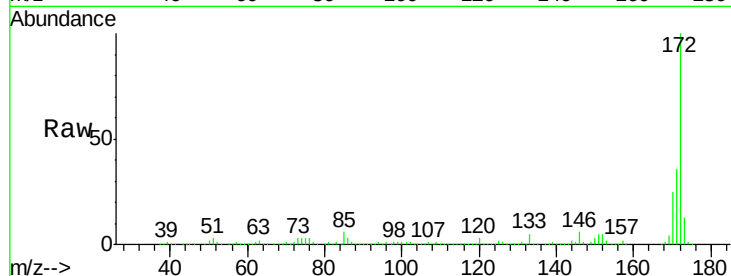
#44
2-Fluorobiphenyl
Concen: 96.19 ng
RT: 10.30 min Scan# 797
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.8	19.4	29.0

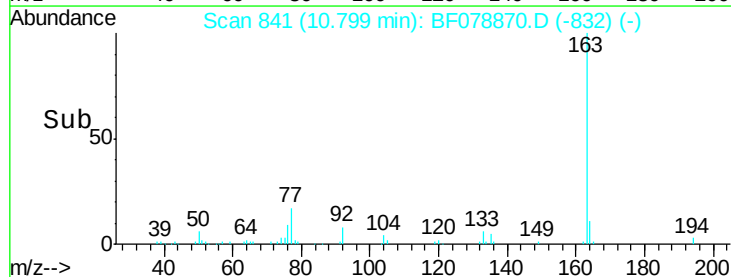
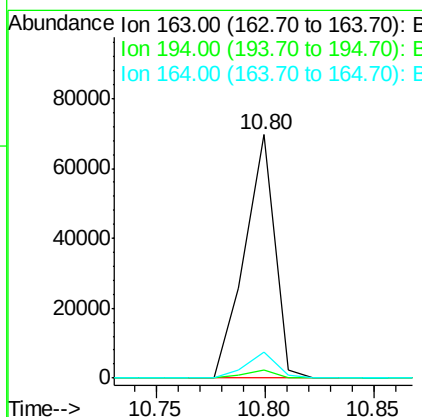
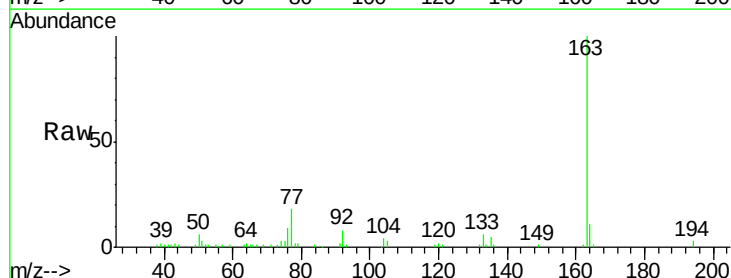
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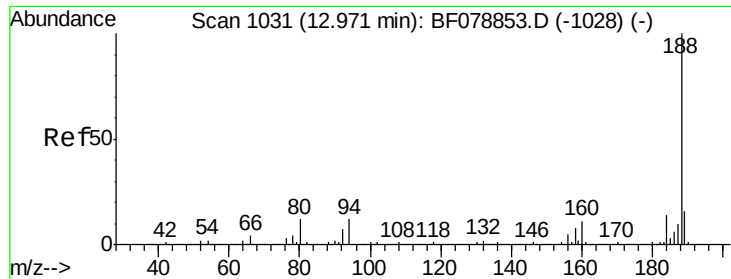
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#49
Dimethylphthalate
Concen: 5.66 ng
RT: 10.80 min Scan# 841
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.9	8.1	12.1





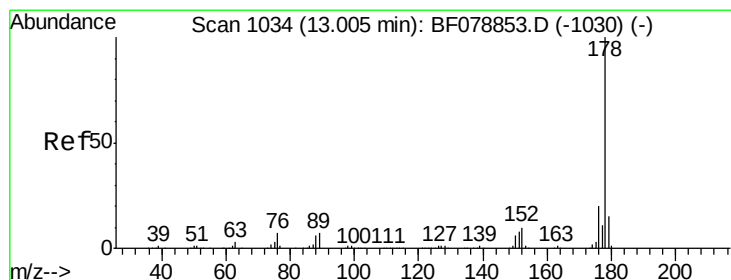
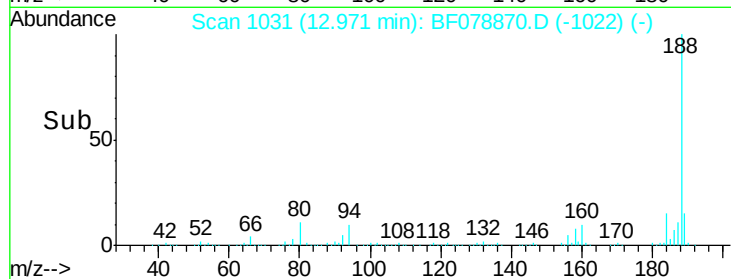
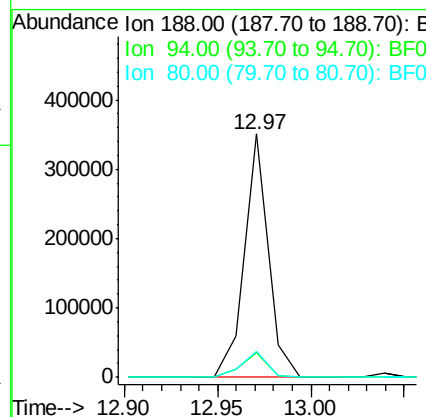
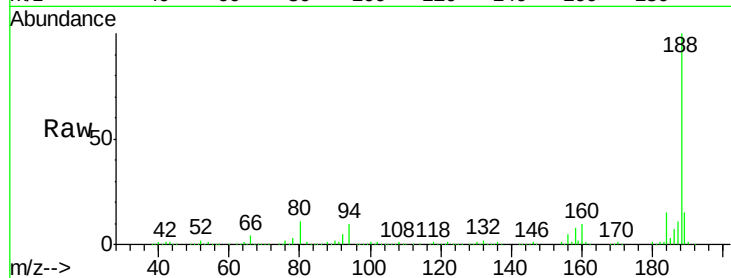
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.97 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tot Ion	Ratio	Resp	Lower	Upper
188	100	314330		
94	10.1	8.2	12.2	
80	10.7	8.9	13.3	

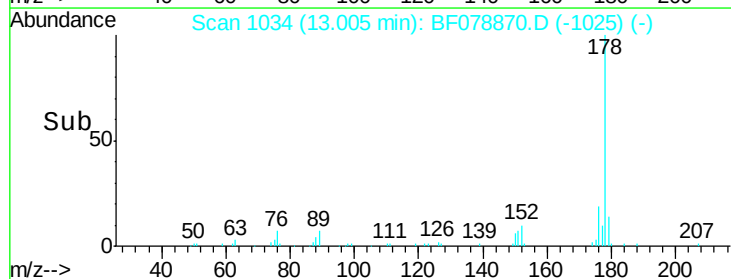
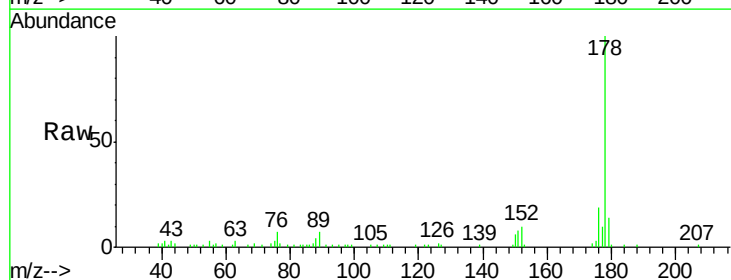
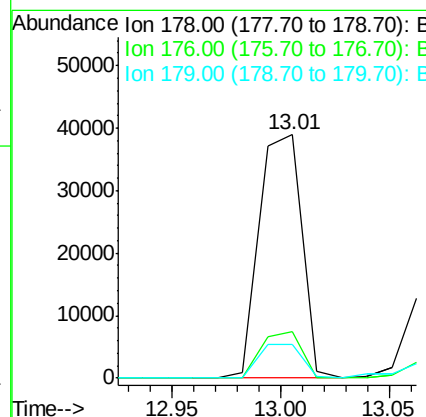
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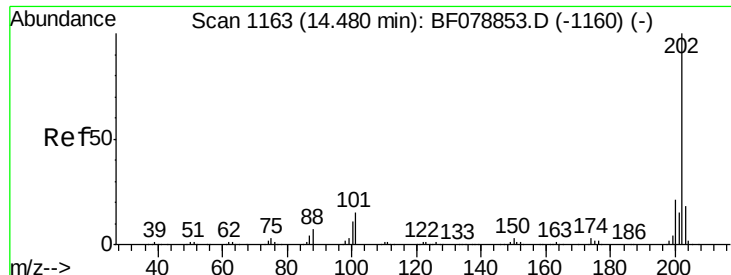
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#70
Phenanthrene
Concen: 3.05 ng
RT: 13.01 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	53619		
176	19.1	15.8	23.8	
179	13.9	12.5	18.7	





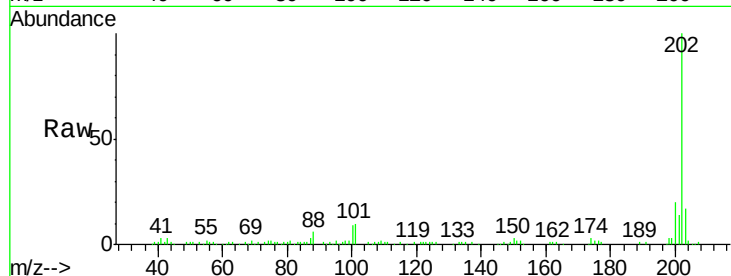
#74
 Fluoranthene
 Concen: 5.11 ng
 RT: 14.48 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF078870.D
 Acq: 1 May 2015 2:04

Instrument :
 BNA_F
 ClientSampled :
 SB-57S

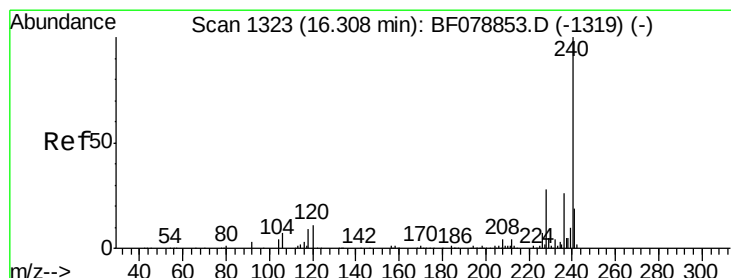
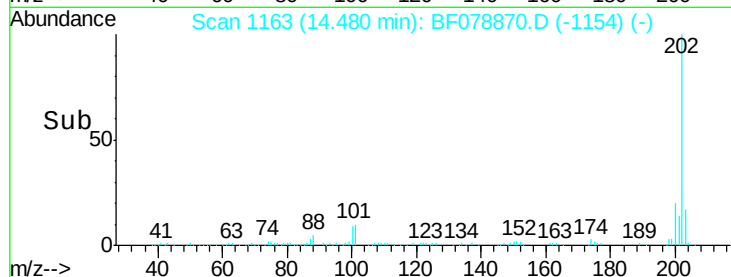
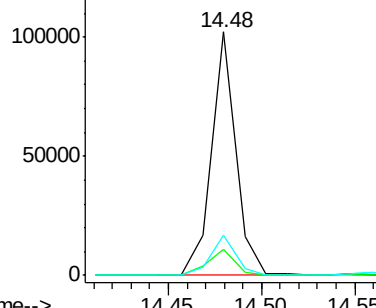
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	34.6
203	16.6	0.0	38.4

Manual Integrations
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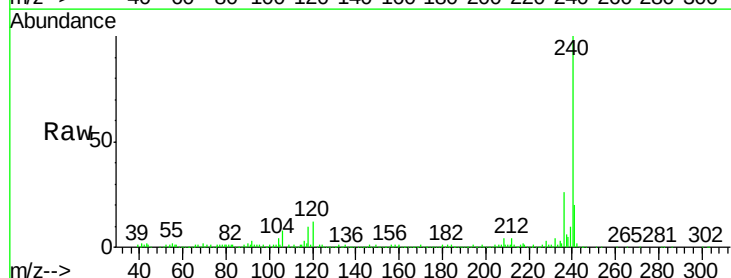


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

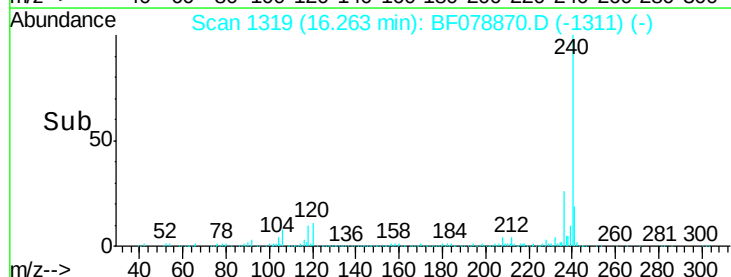
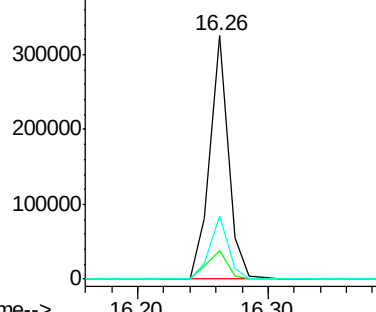


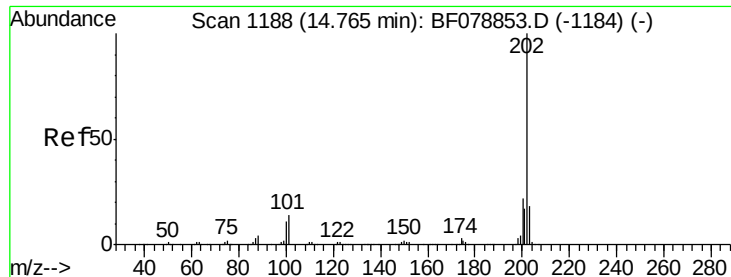
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 16.26 min Scan# 1319
 Delta R.T. -0.01 min
 Lab File: BF078870.D
 Acq: 1 May 2015 2:04

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.5	9.7	14.5
236	25.7	20.2	30.4



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.57 ng

RT: 14.77 min Scan# 1188

Delta R.T. 0.00 min

Lab File: BF078870.D

Acq: 1 May 2015 2:04

Instrument :

BNA_F

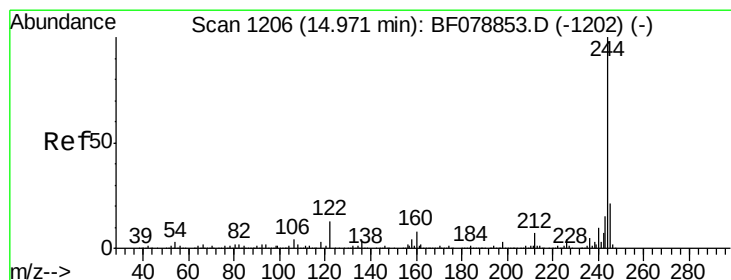
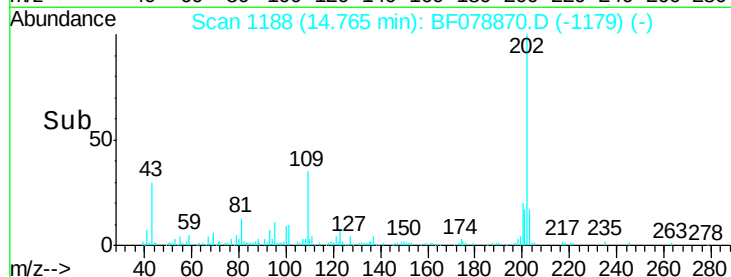
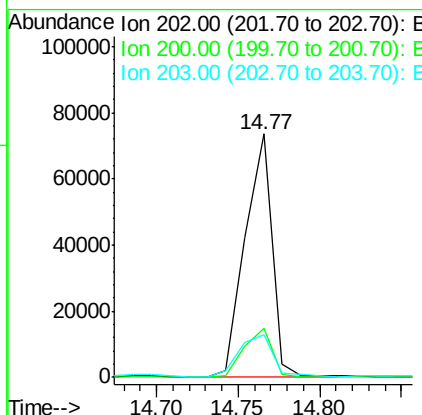
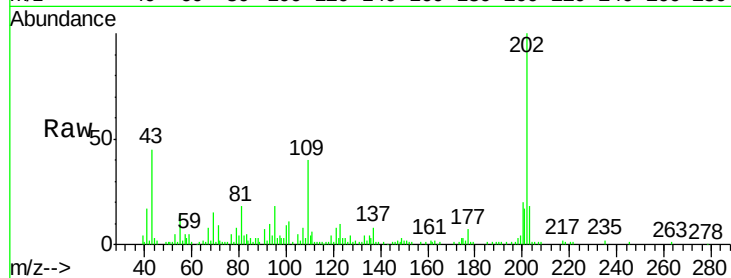
ClientSampled :

SB-57S

Tot Ion:	202	Resp:	84998
Ion Ratio	Lower	Upper	
202	100		
200	19.9	17.5	26.3
203	17.6	13.9	20.9

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#78

Terphenyl-d14

Concen: 89.98 ng

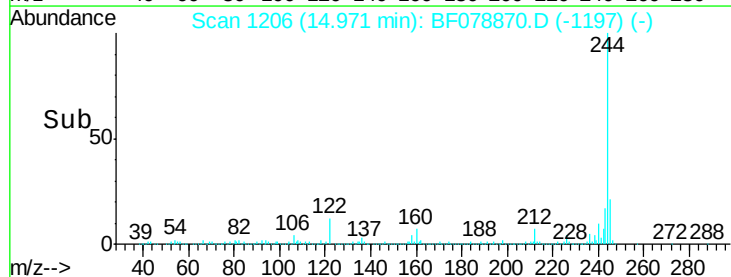
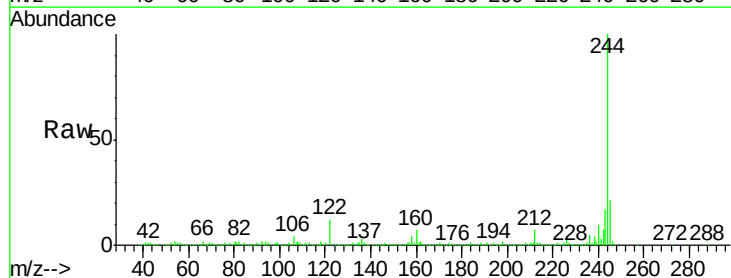
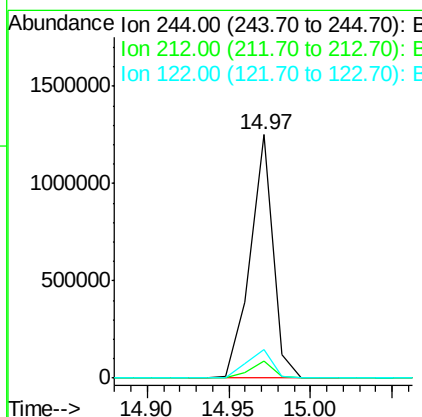
RT: 14.97 min Scan# 1206

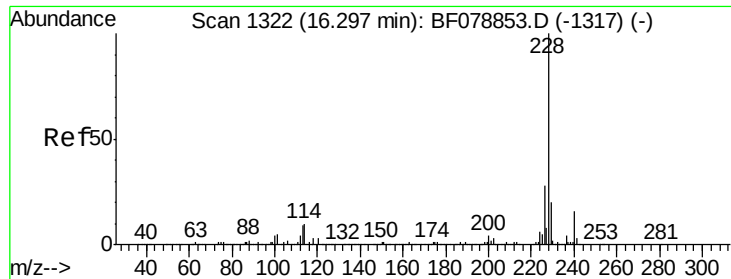
Delta R.T. 0.00 min

Lab File: BF078870.D

Acq: 1 May 2015 2:04

Tgt Ion:	244	Resp:	1214215
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.6	8.4
122	12.0	10.3	15.5





#80

Benzo(a)anthracene

Concen: 2.92 ng

RT: 16.25 min Scan# 1318

Delta R.T. -0.01 min

Lab File: BF078870.D

Acq: 1 May 2015 2:04

Instrument :

BNA_F

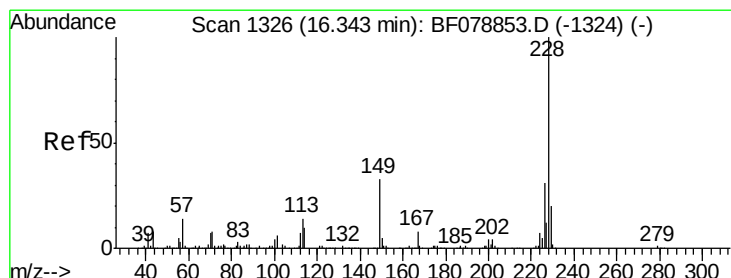
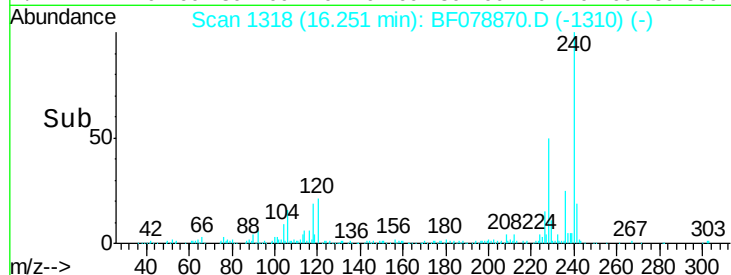
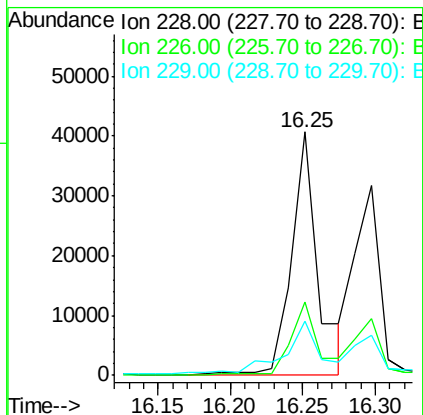
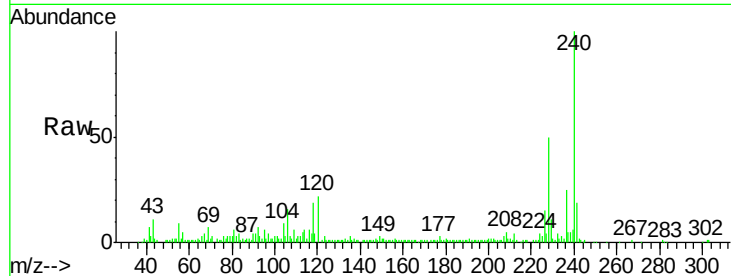
ClientSampled :

SB-57S

Tot Ion:	228	Resp:	51723
Ion Ratio	Lower	Upper	
228	100		
226	30.1	22.6	33.8
229	22.2	15.9	23.9

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#82

Chrysene

Concen: 2.18 ng

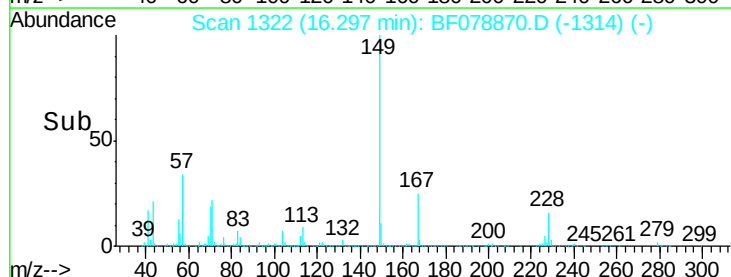
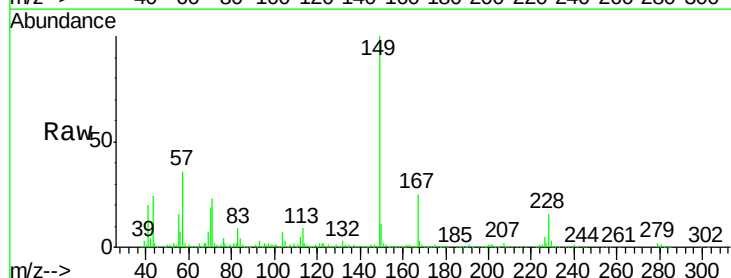
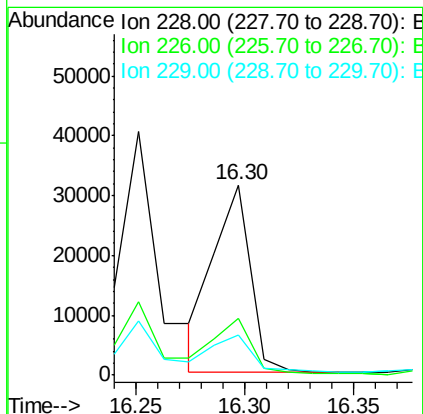
RT: 16.30 min Scan# 1322

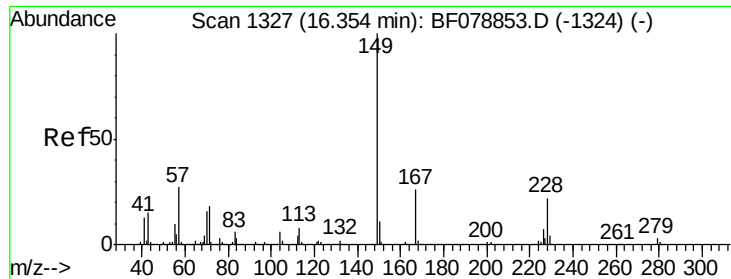
Delta R.T. -0.01 min

Lab File: BF078870.D

Acq: 1 May 2015 2:04

Tgt Ion:	228	Resp:	37161
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.9	37.3
229	21.0	16.0	24.0





#83

Bis(2-ethylhexyl)phthalate

Concen: 16.74 ng

RT: 16.30 min Scan# 1322

Delta R.T. -0.01 min

Lab File: BF078870.D

Acq: 1 May 2015 2:04

Instrument :

BNA_F

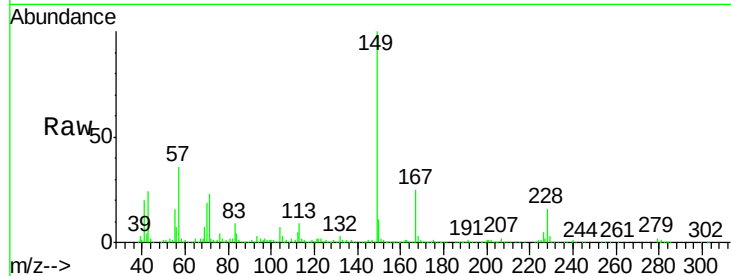
ClientSampled :

SB-57S

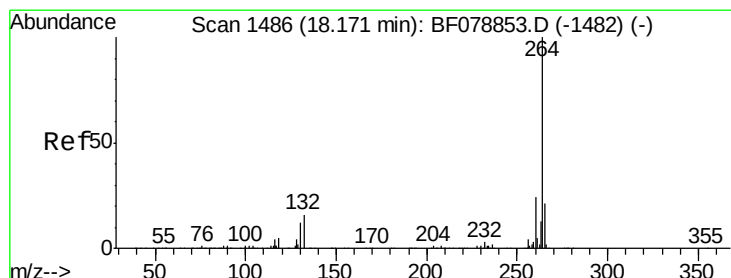
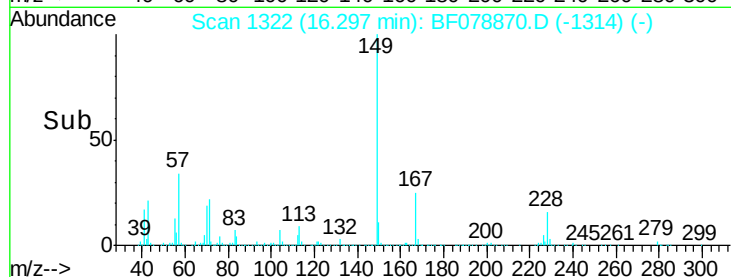
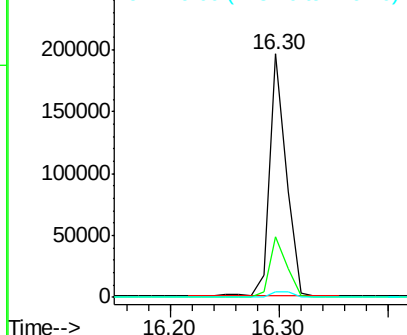
Tot Ion:	149	Resp:	206298
Ion Ratio		Lower	Upper
149	100		
167	24.9	21.8	32.8
279	2.3	2.9	4.3#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

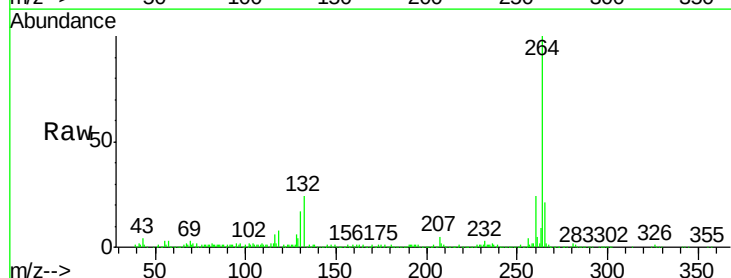
RT: 17.95 min Scan# 1467

Delta R.T. -0.08 min

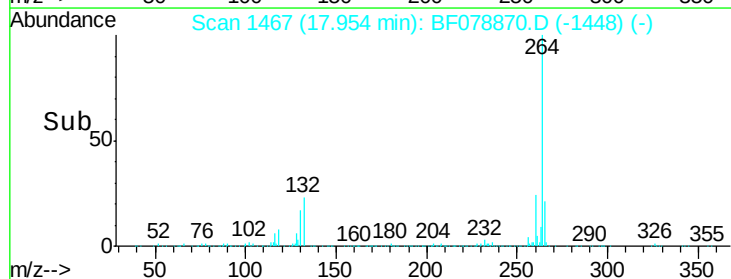
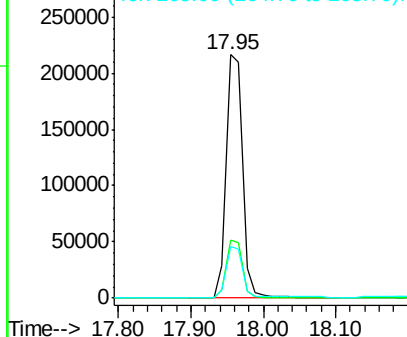
Lab File: BF078870.D

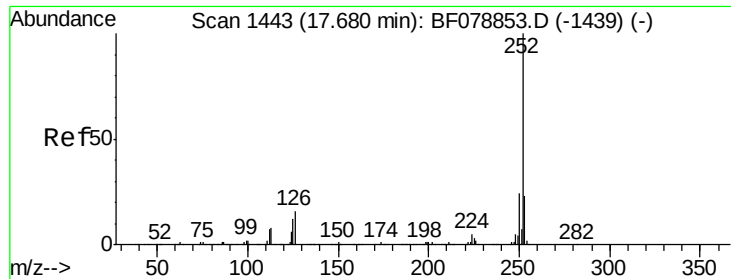
Acq: 1 May 2015 2:04

Tgt Ion:	264	Resp:	342047
Ion Ratio		Lower	Upper
264	100		
260	24.0	19.4	29.2
265	21.4	18.3	27.5



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





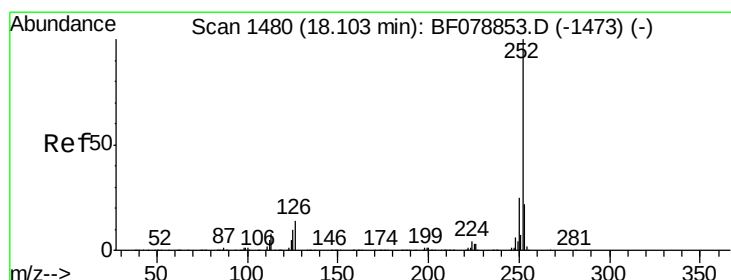
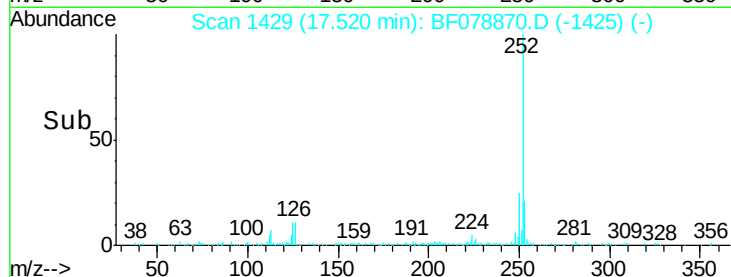
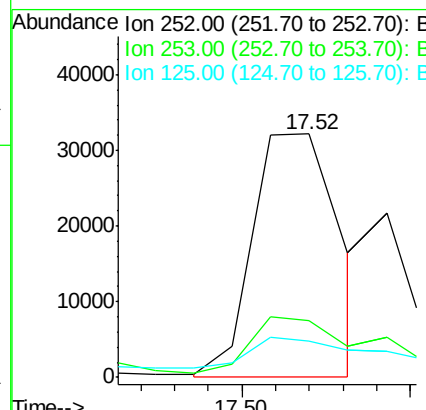
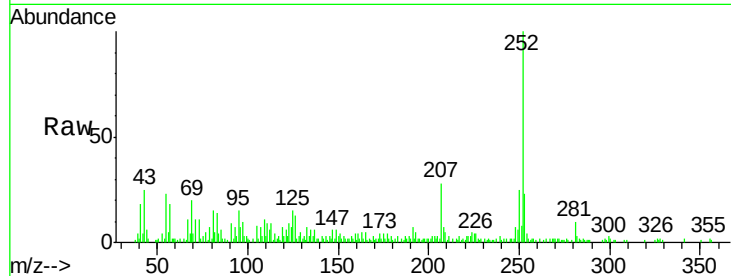
#87
Benzo(b)fluoranthene
Concen: 3.11 ng m
RT: 17.52 min Scan# 1429
Delta R.T. -0.06 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Instrument :
BNA_F
ClientSampleId :
SB-57S

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.5	17.7	26.5
125	14.9	9.5	14.3#

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#89
Benzo(a)pyrene
Concen: 2.48 ng
RT: 17.90 min Scan# 1462
Delta R.T. -0.07 min
Lab File: BF078870.D
Acq: 1 May 2015 2:04

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	24.7	17.3	25.9
125	12.7	7.0	10.6#

