

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102114\
 Data File : BE088148.D
 Acq On : 21 Oct 2014 18:32
 Operator : TP/JJ
 Sample : F4351-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YS19-SW05-1014

Manual Integrations
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 10/22/2014 1:53:51 PM

Quant Time: Oct 22 04:53:49 2014
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE102014.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 21 02:11:14 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.14	152	35951	5.00	ng	0.00
3) Naphthalene-d8	8.70	136	133662	5.00	ng	0.00
7) Acenaphthene-d10	10.85	164	59273	5.00	ng	0.00
12) Phenanthrene-d10	12.96	188	110385	5.00	ng	0.00
16) Chrysene-d12	18.38	240	77800	5.00	ng	0.00
22) Perylene-d12	21.44	264	73263	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.83	82	71036	7.37	ng	0.00
8) 2-Fluorobiphenyl	10.04	172	117928	7.20	ng	0.00
18) Terphenyl-d14	16.15	244	111524	8.91	ng	0.00
Target Compounds						Qvalue
14) Anthracene	13.09	178	2823m	0.03	ng	
15) Fluoranthene	15.25	202	1173	0.06	ng	97
17) Pyrene	15.70	202	1108	0.05	ng	99
19) Benzo(a)anthracene	18.36	228	4069	0.06	ng	# 85
20) Chrysene	18.44	228	4915	0.07	ng	# 87

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

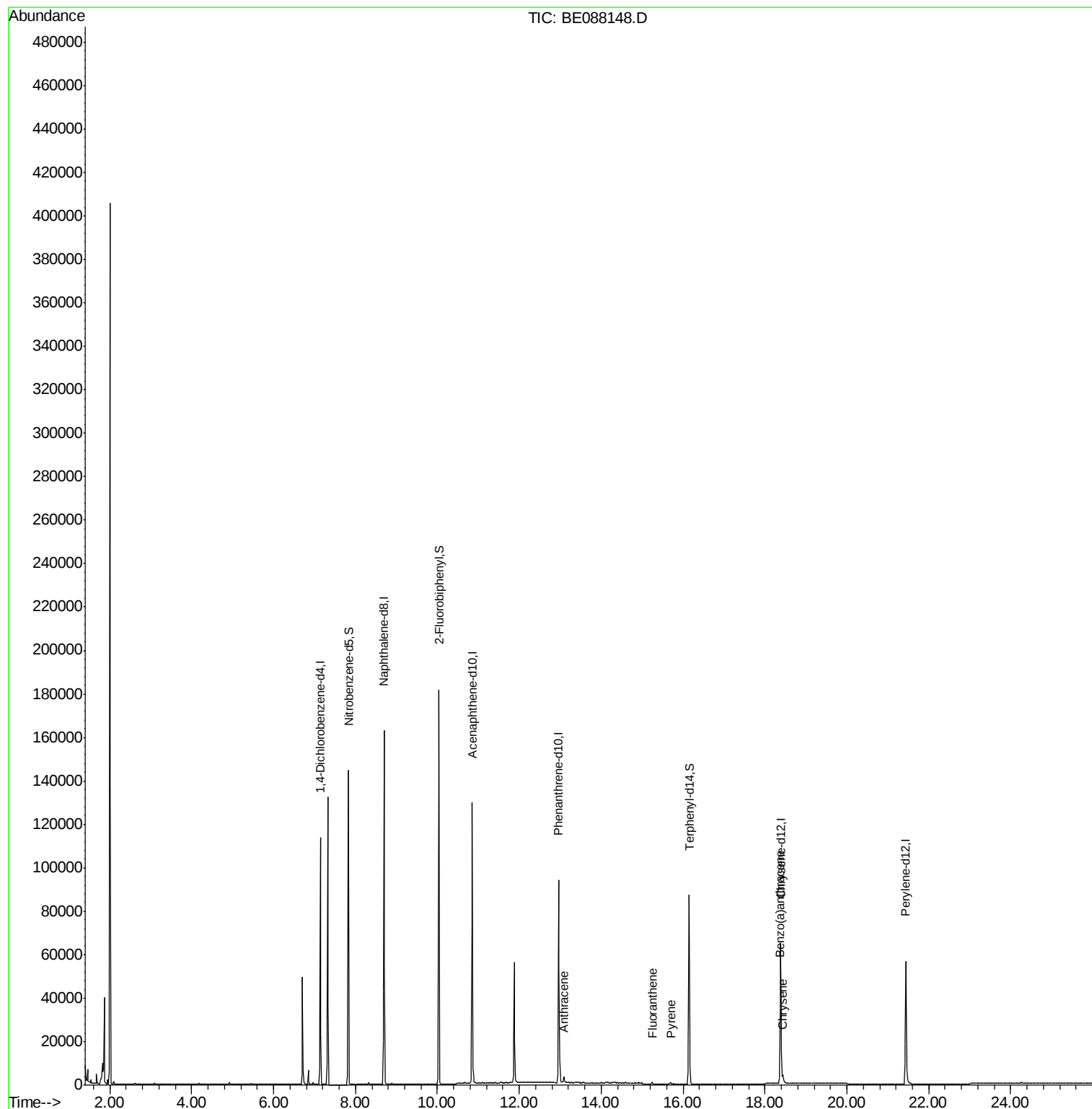
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE102114\
Data File : BE088148.D
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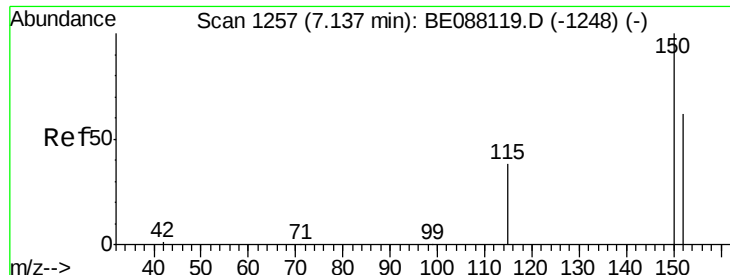
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.14 min Scan# 1258

Delta R.T. 0.00 min

Lab File: BE088148.D

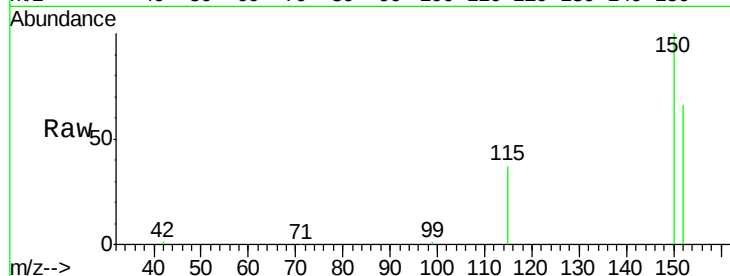
Acq: 21 Oct 2014 18:32

Instrument :

BNA_E

ClientSampleId :

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Tgt Ion:152 Resp: 35951

Ion Ratio Lower Upper

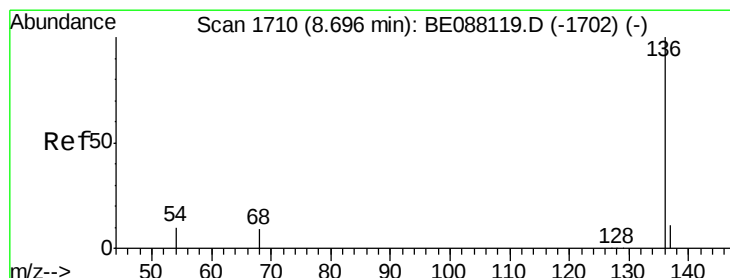
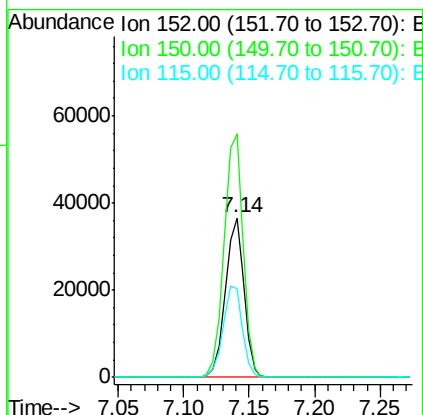
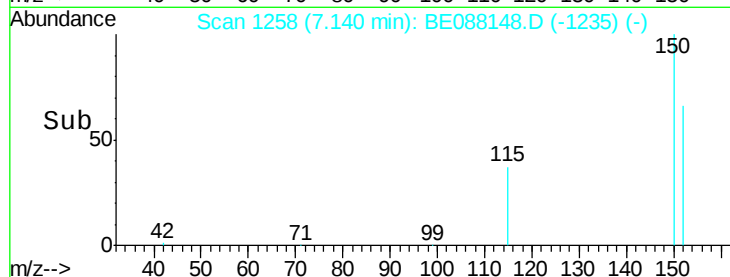
152 100

150 152.5 129.2 193.8

115 55.8 49.3 73.9

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#3

Naphthalene-d8

Concen: 5.00 ng

RT: 8.70 min Scan# 1711

Delta R.T. 0.00 min

Lab File: BE088148.D

Acq: 21 Oct 2014 18:32

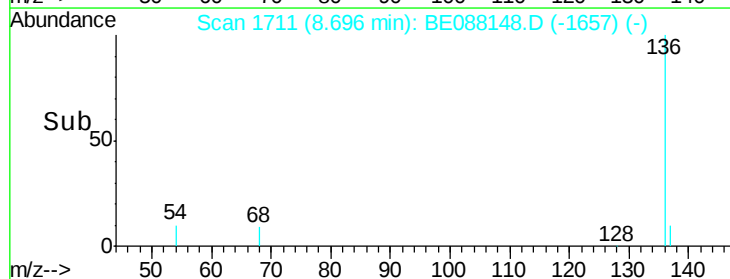
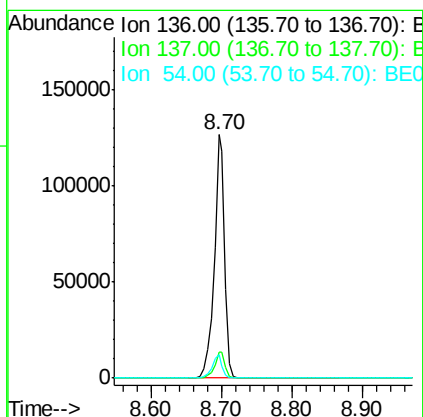
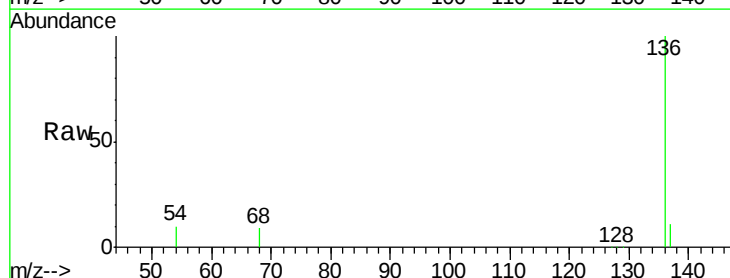
Tgt Ion:136 Resp: 133662

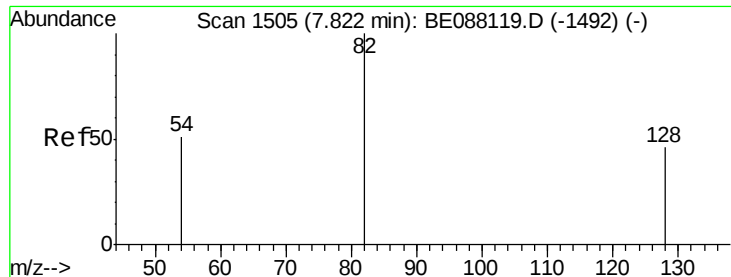
Ion Ratio Lower Upper

136 100

137 10.5 8.6 12.8

54 9.7 7.7 11.5





#4

Nitrobenzene-d5

Concen: 7.37 ng

RT: 7.83 min Scan# 1507

Delta R.T. 0.00 min

Lab File: BE088148.D

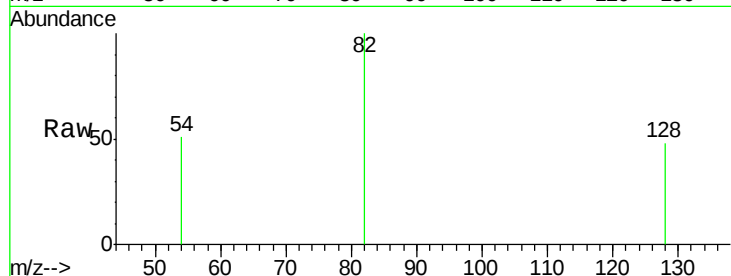
Acq: 21 Oct 2014 18:32

Instrument :

BNA_E

ClientSampleId :

YS19-SW05-1014



Tgt Ion: 82 Resp: 71036

Ion Ratio Lower Upper

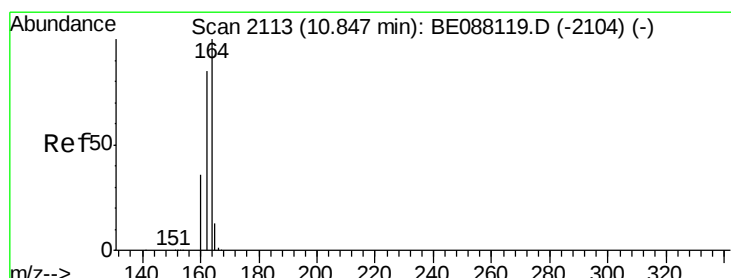
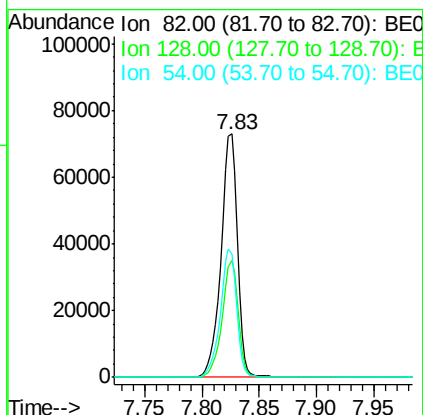
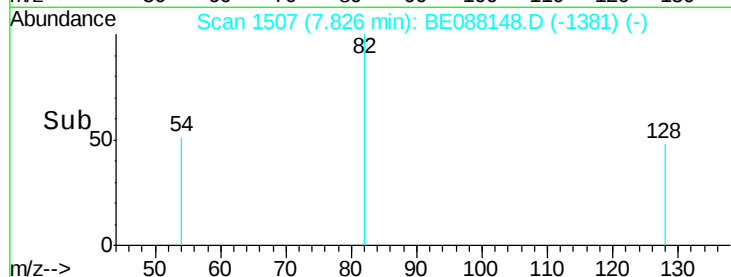
82 100

128 47.8 37.1 55.7

54 50.7 41.1 61.7

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#7

Acenaphthene-d10

Concen: 5.00 ng

RT: 10.85 min Scan# 2114

Delta R.T. -0.00 min

Lab File: BE088148.D

Acq: 21 Oct 2014 18:32

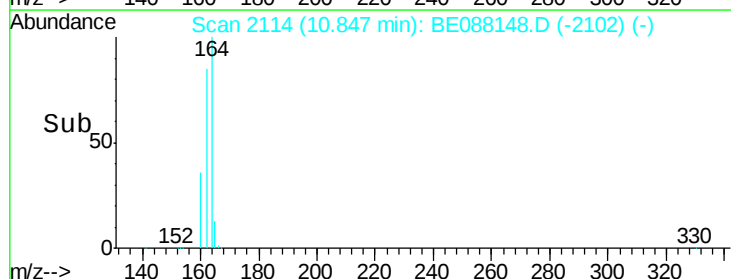
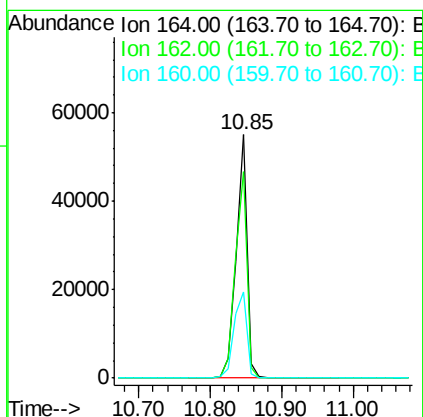
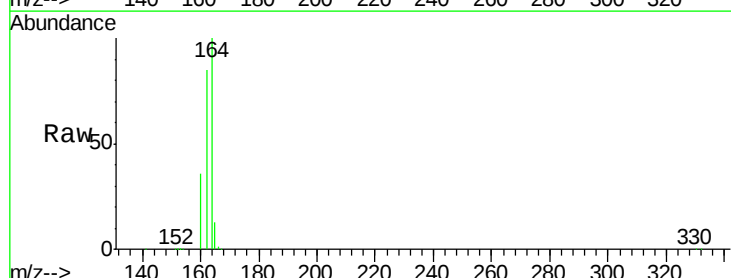
Tgt Ion: 164 Resp: 59273

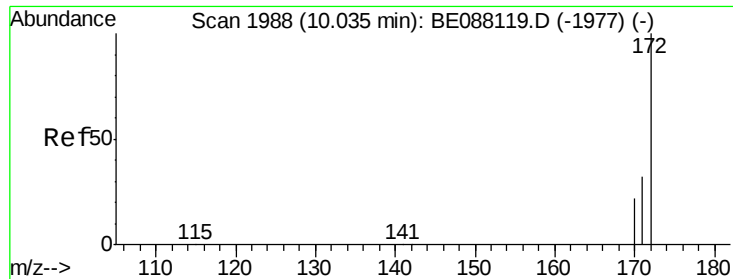
Ion Ratio Lower Upper

164 100

162 84.6 68.3 102.5

160 35.6 28.7 43.1





#8

2-Fluorobiphenyl

Concen: 7.20 ng

RT: 10.04 min Scan# 1989

Delta R.T. 0.00 min

Lab File: BE088148.D

Acq: 21 Oct 2014 18:32

Instrument :

BNA_E

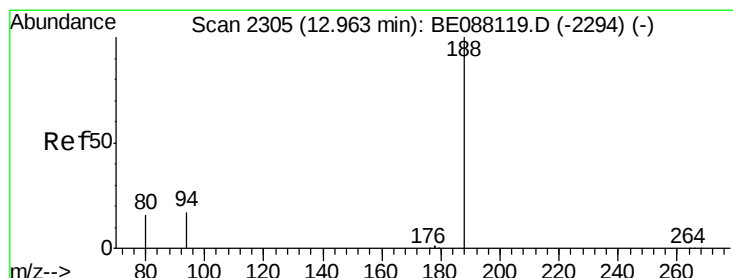
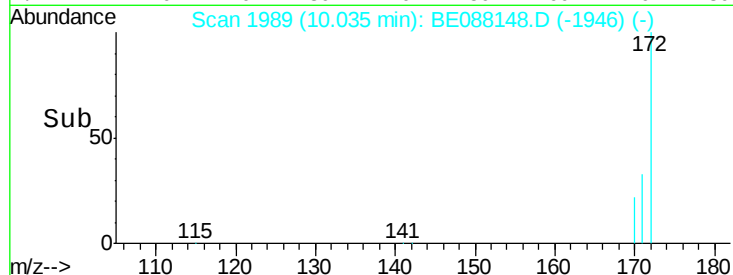
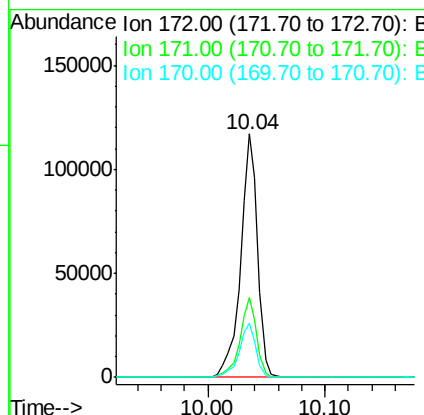
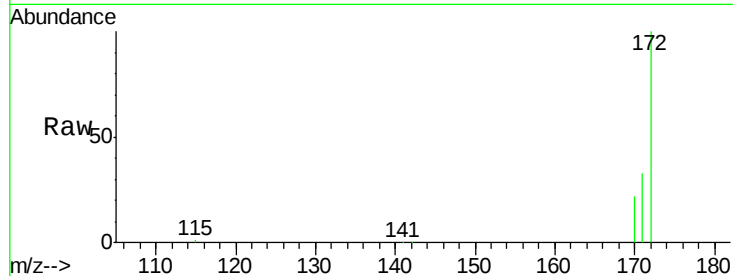
ClientSampleId :

YS19-SW05-1014

Tgt Ion:	172	Resp:	117928
Ion Ratio	Lower	Upper	
172	100		
171	32.6	25.4	38.2
170	22.3	17.4	26.2

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#12

Phenanthrene-d10

Concen: 5.00 ng

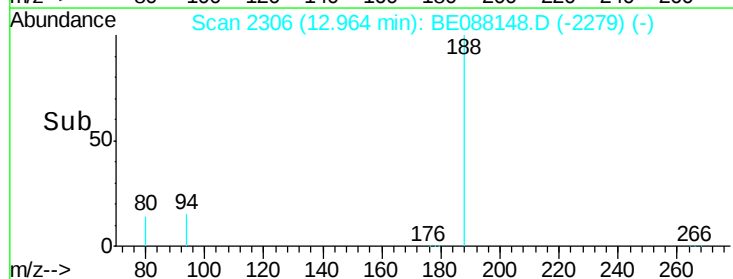
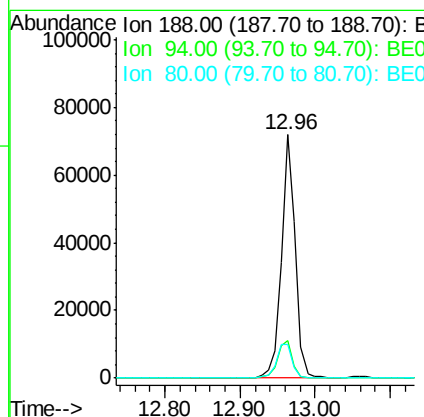
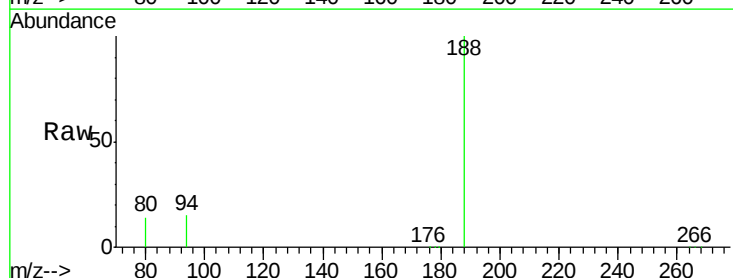
RT: 12.96 min Scan# 2306

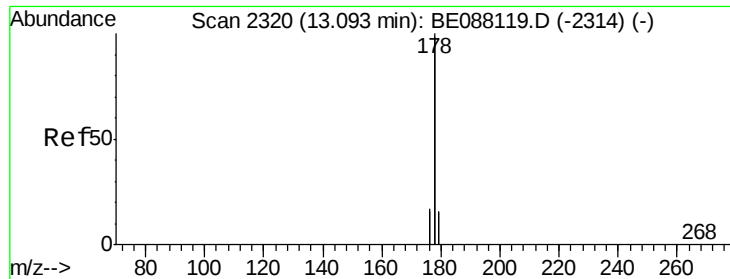
Delta R.T. 0.00 min

Lab File: BE088148.D

Acq: 21 Oct 2014 18:32

Tgt Ion:	188	Resp:	110385
Ion Ratio	Lower	Upper	
188	100		
94	15.2	13.9	20.9
80	14.0	12.9	19.3





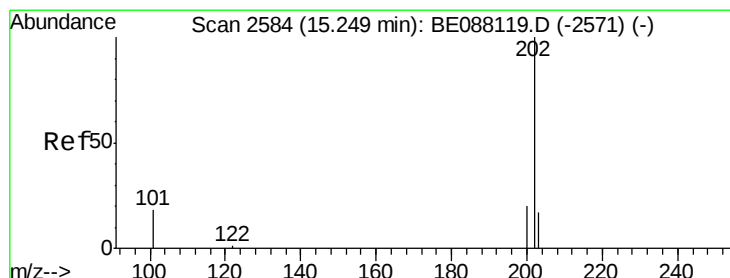
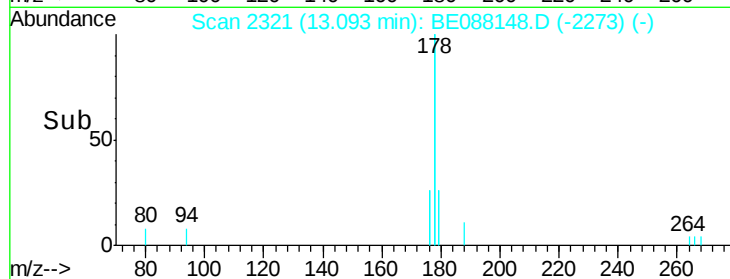
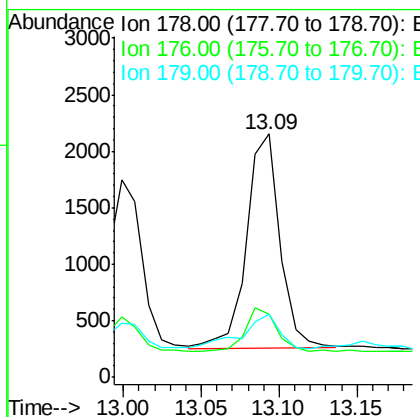
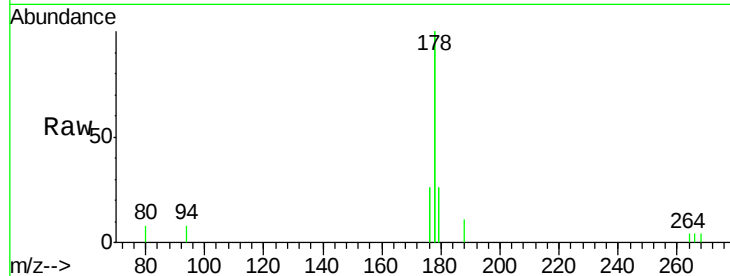
#14
 Anthracene
 Concen: 0.03 ng m
 RT: 13.09 min Scan# 2321
 Delta R.T. 0.00 min
 Lab File: BE088148.D
 Acq: 21 Oct 2014 18:32

Instrument :
 BNA_E
 ClientSampleId :
 YS19-SW05-1014

Tgt Ion	Ratio	Lower	Upper
178	100		
176	25.9	14.6	21.8#
179	17.7	12.5	18.7

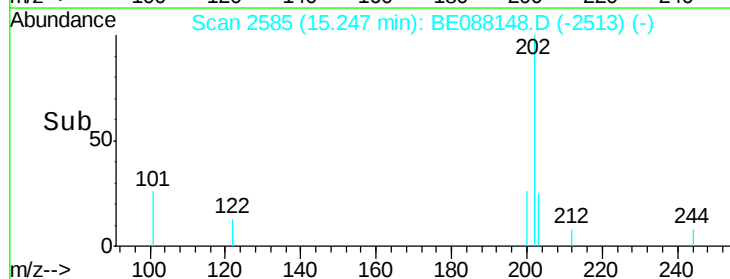
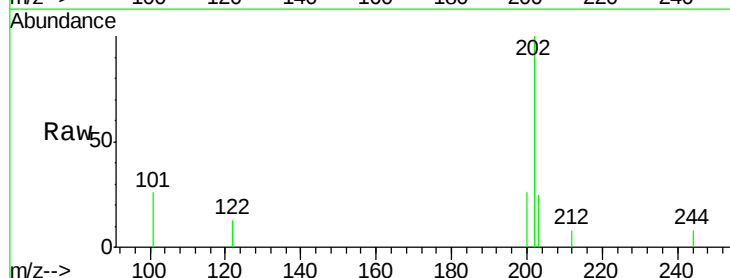
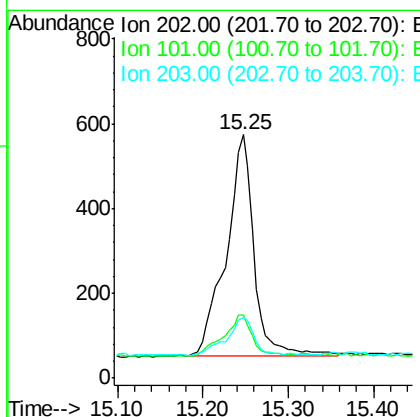
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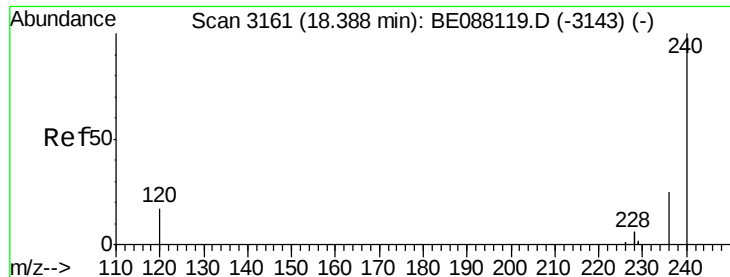
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#15
 Fluoranthene
 Concen: 0.06 ng
 RT: 15.25 min Scan# 2585
 Delta R.T. -0.00 min
 Lab File: BE088148.D
 Acq: 21 Oct 2014 18:32

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.1	14.8	22.2
203	15.4	13.5	20.3





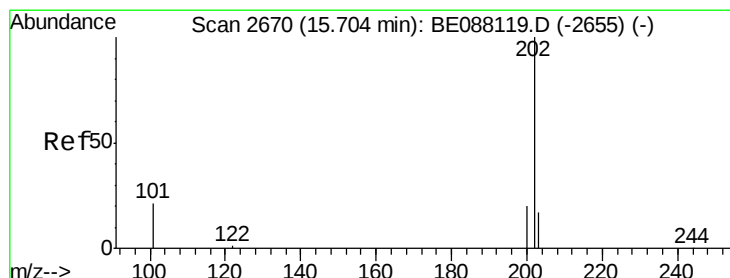
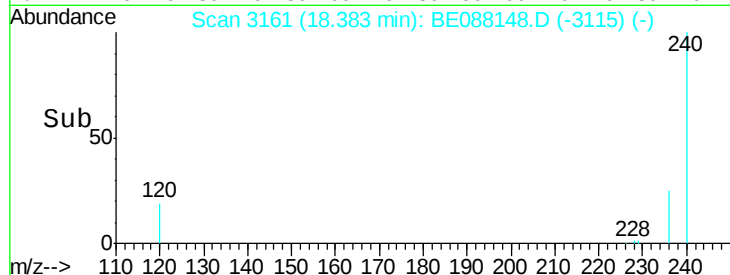
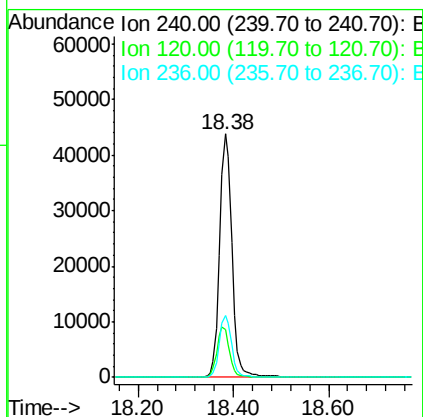
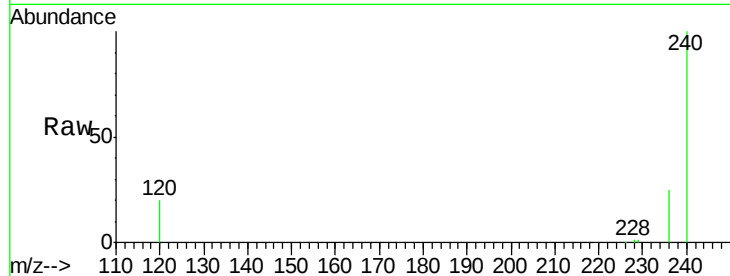
#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.38 min Scan# 3161
Delta R.T. -0.01 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Instrument :
BNA_E
ClientSampleId :
YS19-SW05-1014

Tgt Ion	Ratio	Lower	Upper
240	100		
120	19.5	13.9	20.9
236	25.4	19.9	29.9

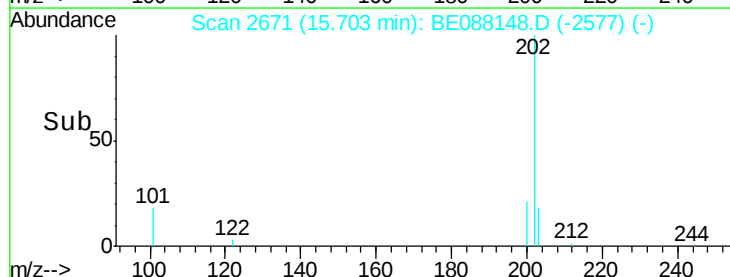
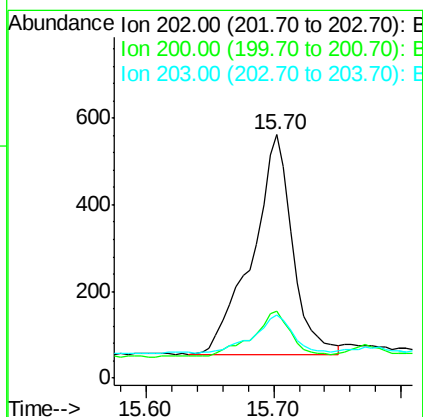
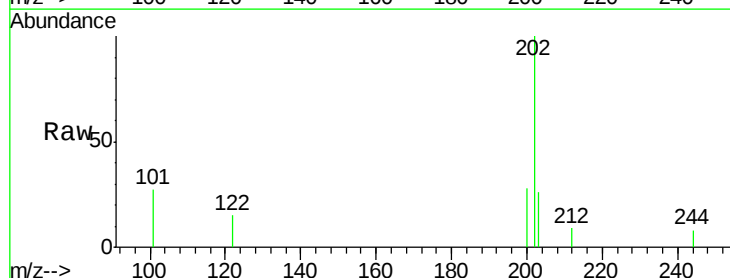
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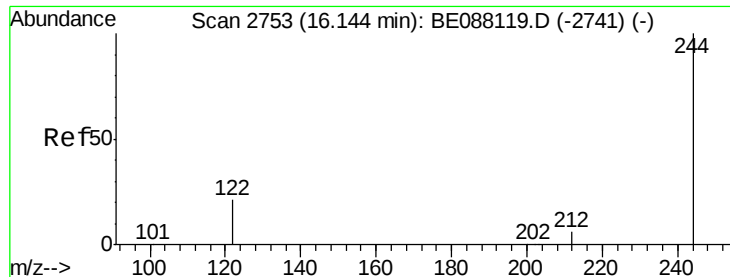
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#17
Pyrene
Concen: 0.05 ng
RT: 15.70 min Scan# 2671
Delta R.T. -0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.1	24.1
203	16.7	13.9	20.9





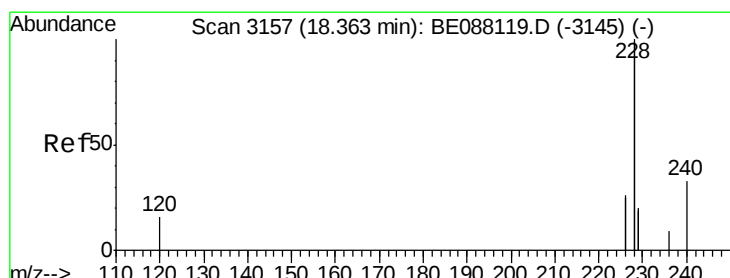
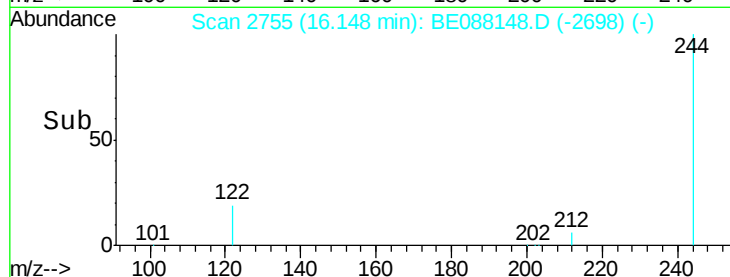
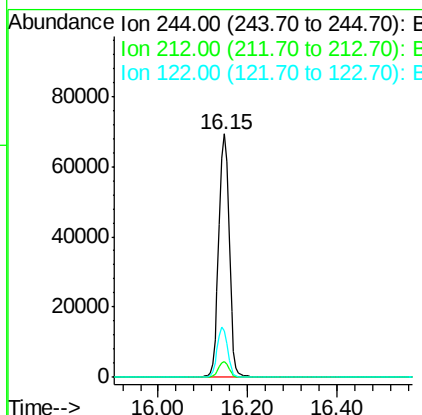
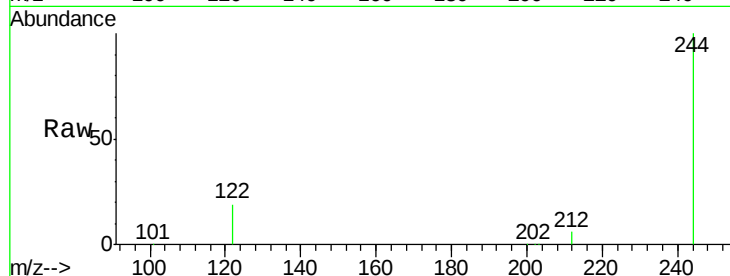
#18
 Terphenyl-d14
 Concen: 8.91 ng
 RT: 16.15 min Scan# 2755
 Delta R.T. 0.00 min
 Lab File: BE088148.D
 Acq: 21 Oct 2014 18:32

Instrument :
 BNA_E
 ClientSampleId :
 YS19-SW05-1014

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	19.4	17.5	26.3

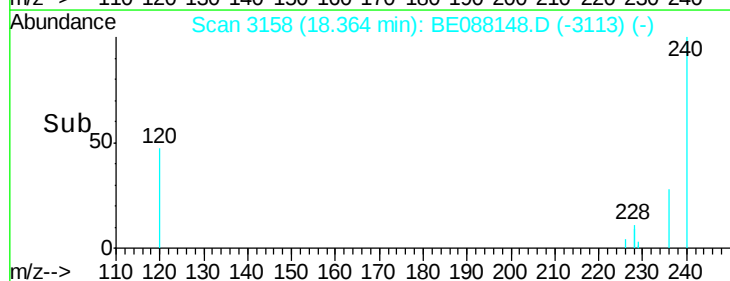
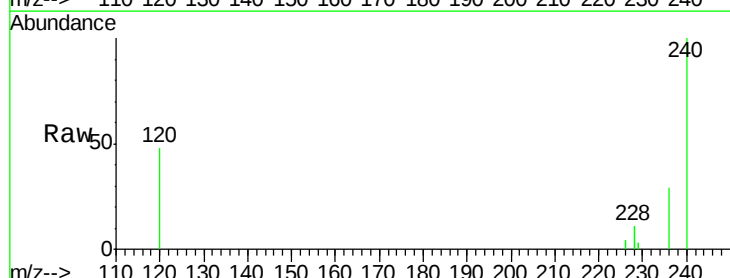
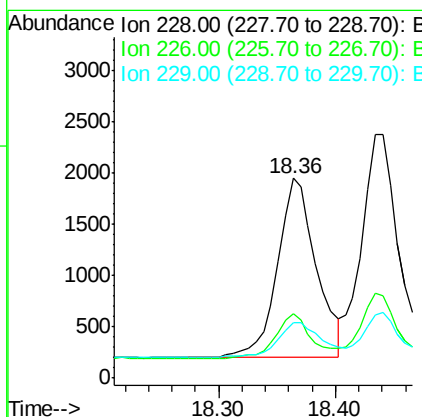
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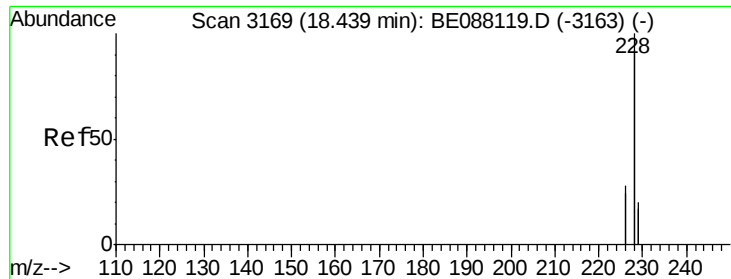
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#19
 Benzo(a)anthracene
 Concen: 0.06 ng
 RT: 18.36 min Scan# 3158
 Delta R.T. 0.00 min
 Lab File: BE088148.D
 Acq: 21 Oct 2014 18:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	32.3	20.8	31.2#
229	28.1	15.6	23.4#





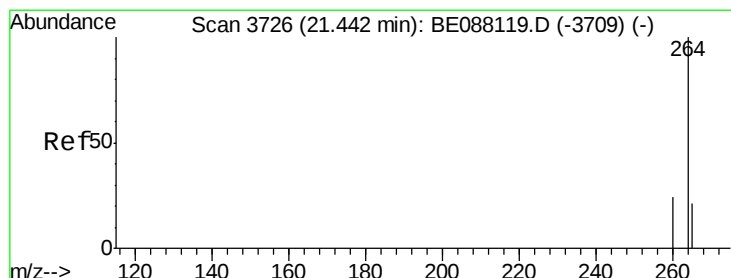
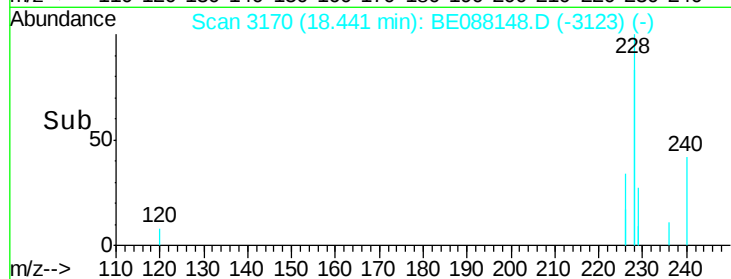
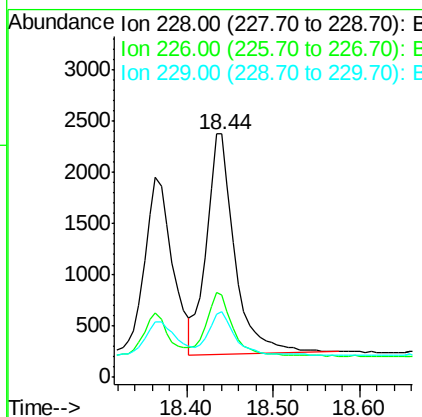
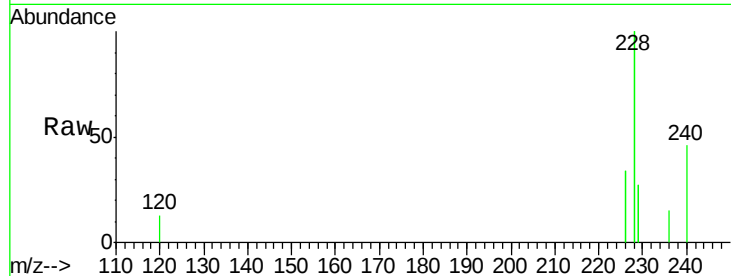
#20
Chrysene
Concen: 0.07 ng
RT: 18.44 min Scan# 3170
Delta R.T. 0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Instrument :
BNA_E
ClientSampleId :
YS19-SW05-1014

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.6	22.7	34.1
229	27.2	15.8	23.6

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#22
Perylene-d12
Concen: 5.00 ng
RT: 21.44 min Scan# 3727
Delta R.T. -0.00 min
Lab File: BE088148.D
Acq: 21 Oct 2014 18:32

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.0	28.4
265	21.6	17.2	25.8

