

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103114\
 Data File : BE088434.D
 Acq On : 31 Oct 2014 22:38
 Operator : TP/JJ
 Sample : F4351-05
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 YS19-SW04-1014

Manual Integrations
 APPROVED

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 11/4/2014 9:06:15 AM

Quant Time: Nov 01 03:46:35 2014
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-PAH-BE103114.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 01 00:42:07 2014
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.09	152	49192	5.00	ng	0.00
3) Naphthalene-d8	8.65	136	183672	5.00	ng	0.00
7) Acenaphthene-d10	10.79	164	77813	5.00	ng	0.00
12) Phenanthrene-d10	12.91	188	130078	5.00	ng	0.00
16) Chrysene-d12	18.31	240	70783	5.00	ng	0.00
22) Perylene-d12	21.37	264	66005	5.00	ng	0.00
System Monitoring Compounds						
4) Nitrobenzene-d5	7.77	82	94926	7.05	ng	0.00
8) 2-Fluorobiphenyl	9.99	172	160540	7.32	ng	0.00
18) Terphenyl-d14	16.07	244	105956	8.15	ng	0.00
Target Compounds						Qvalue
10) Acenaphthene	10.82	154	771m	0.04	ng	

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

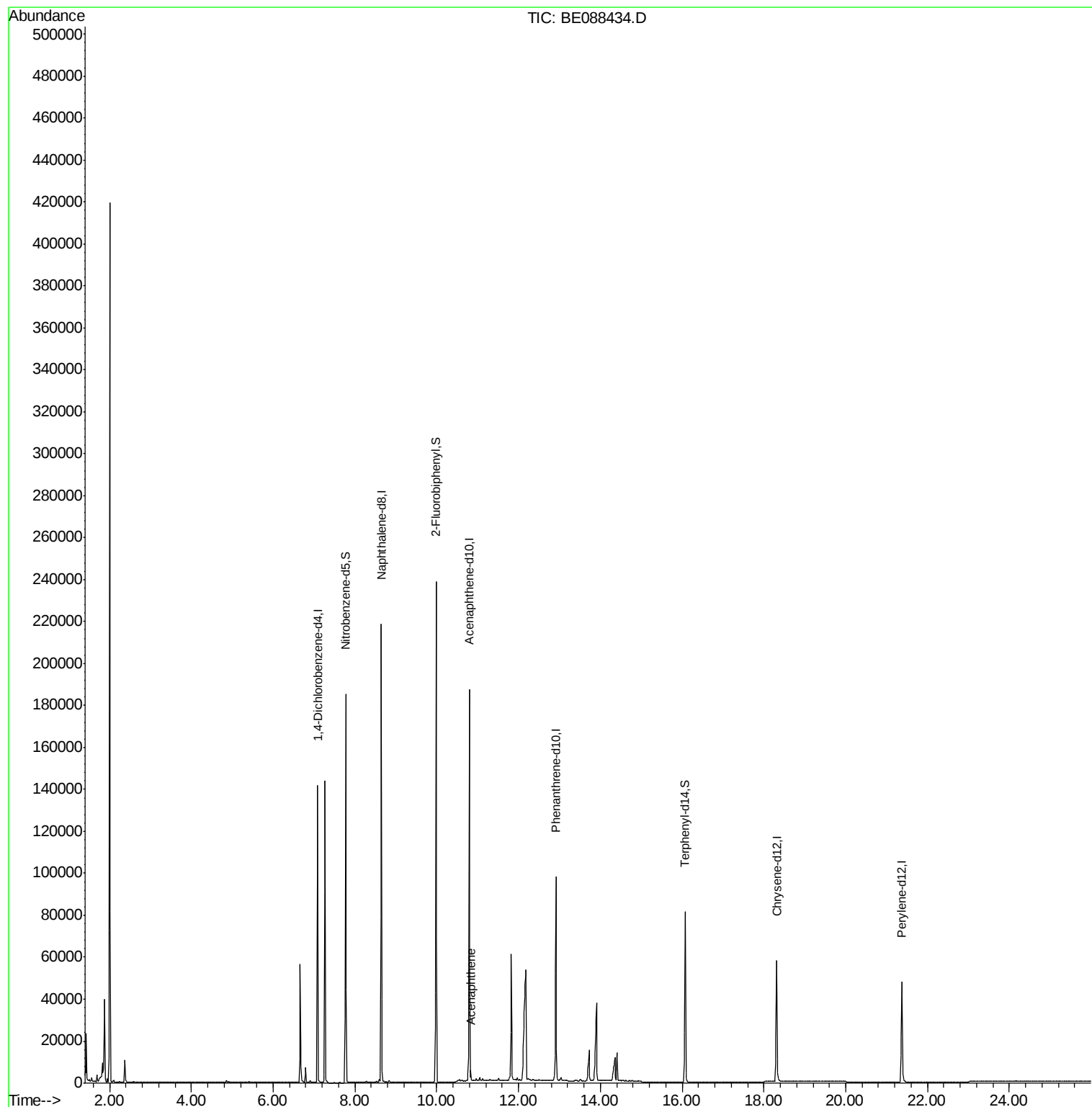
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE103114\
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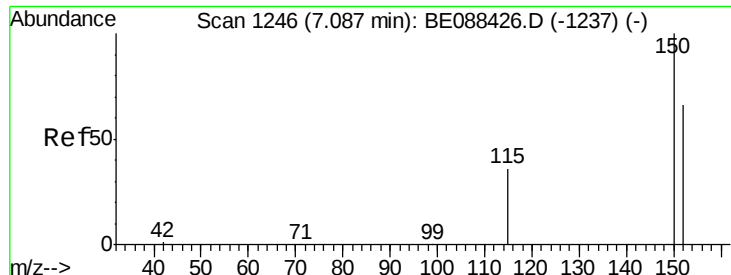
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.09 min Scan# 1246

Delta R.T. 0.00 min

Lab File: BE088434.D

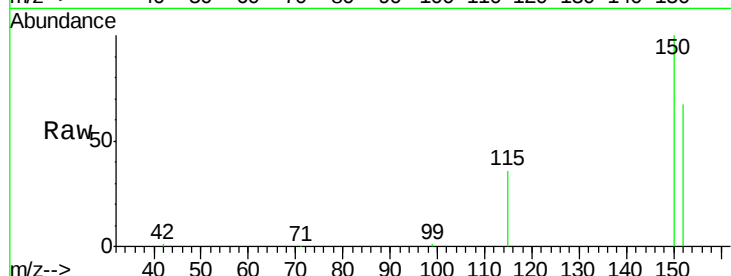
Acq: 31 Oct 2014 22:38

Instrument :

BNA_E

ClientSampleId :

YS19-SW04-1014



Tgt Ion:152 Resp: 49192

Ion Ratio Lower Upper

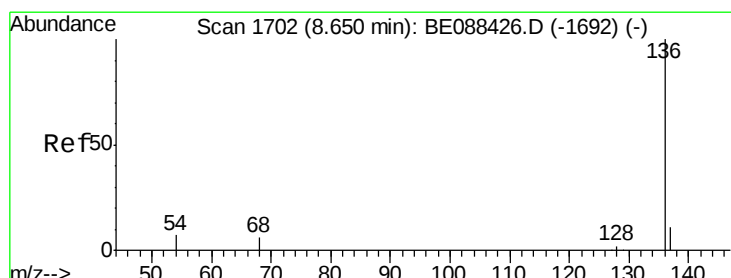
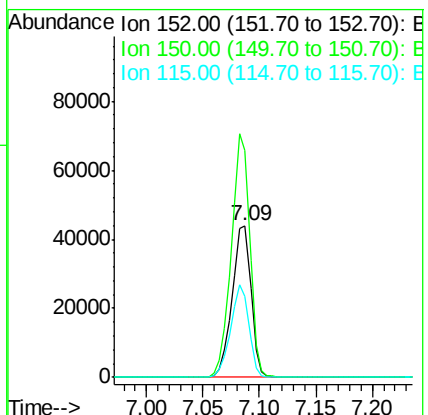
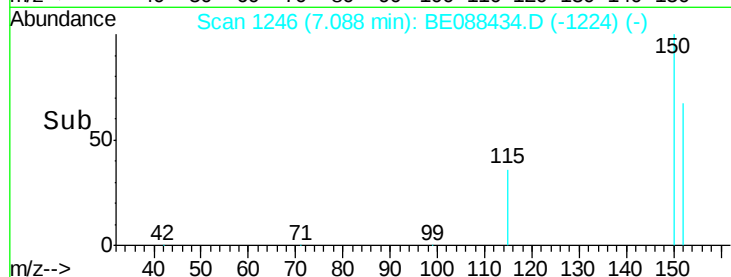
152 100

150 149.2 121.8 182.8

115 53.2 43.9 65.9

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#3

Naphthalene-d8

Concen: 5.00 ng

RT: 8.65 min Scan# 1701

Delta R.T. -0.00 min

Lab File: BE088434.D

Acq: 31 Oct 2014 22:38

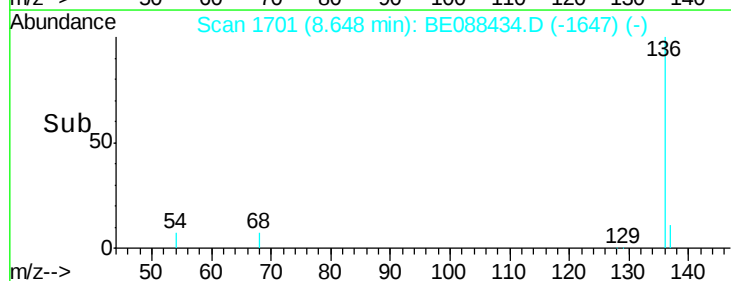
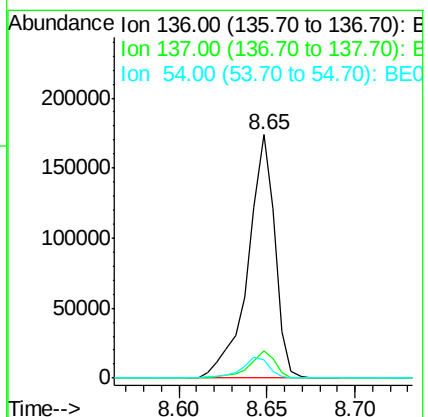
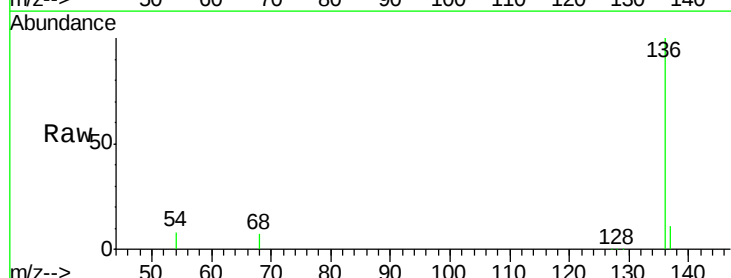
Tgt Ion:136 Resp: 183672

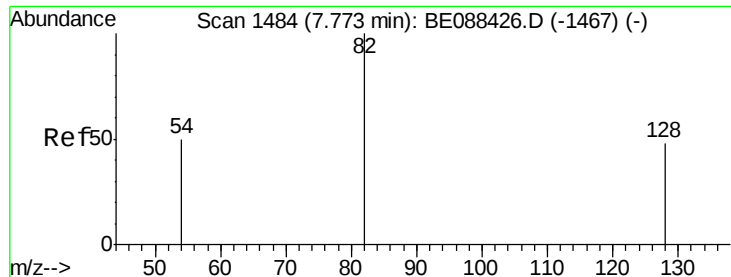
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 7.5 5.3 7.9





#4

Nitrobenzene-d5

Concen: 7.05 ng

RT: 7.77 min Scan# 1484

Delta R.T. 0.00 min

Lab File: BE088434.D

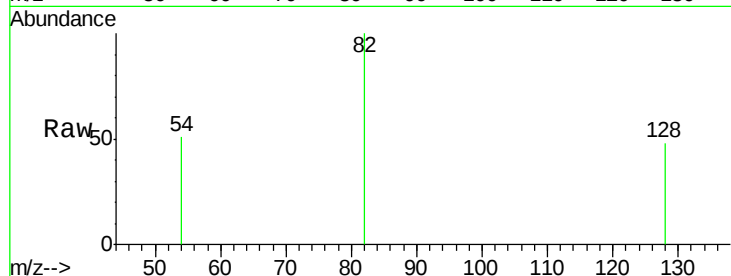
Acq: 31 Oct 2014 22:38

Instrument :

BNA_E

ClientSampleId :

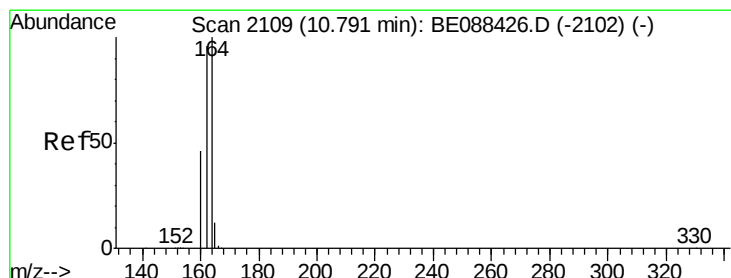
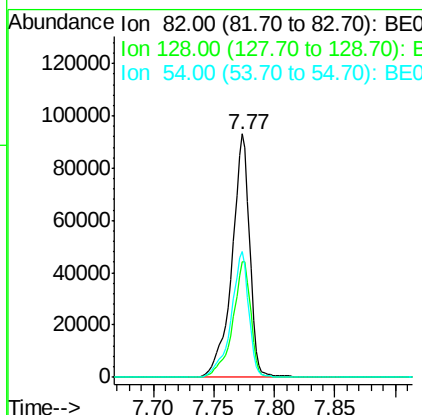
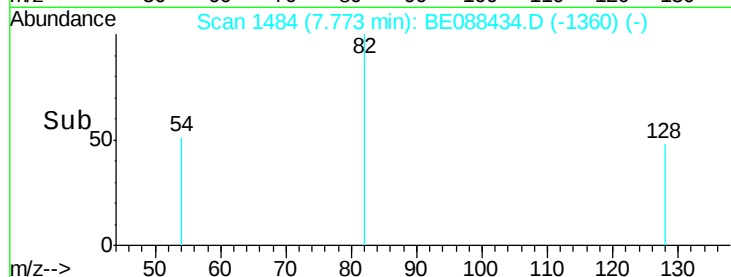
YS19-SW04-1014



Tgt Ion:	82	Resp:	94926
Ion Ratio	Lower	Upper	
82	100		
128	47.7	38.4	57.6
54	51.5	40.2	60.2

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#7

Acenaphthene-d10

Concen: 5.00 ng

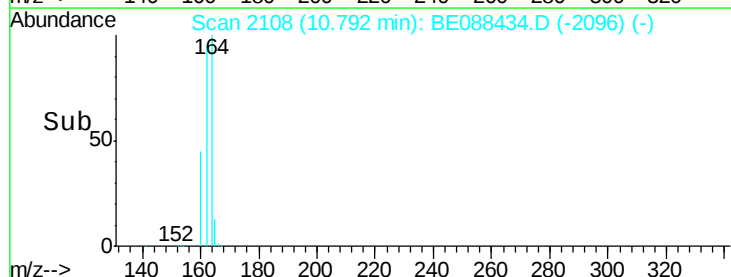
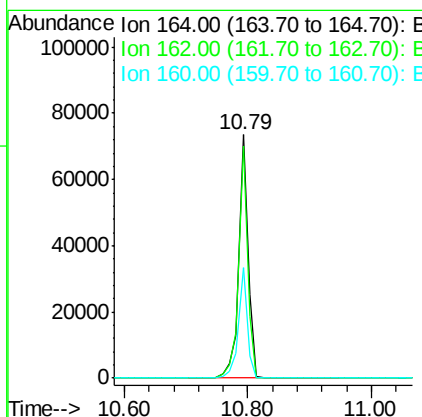
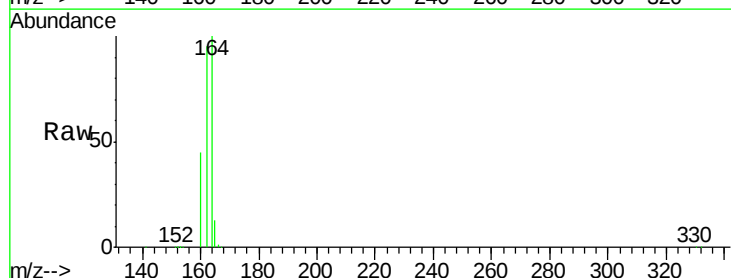
RT: 10.79 min Scan# 2108

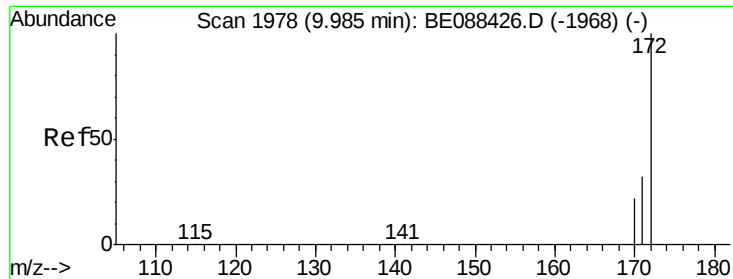
Delta R.T. 0.00 min

Lab File: BE088434.D

Acq: 31 Oct 2014 22:38

Tgt Ion:	164	Resp:	77813
Ion Ratio	Lower	Upper	
164	100		
162	95.1	77.0	115.4
160	45.2	36.8	55.2





#8

2-Fluorobiphenyl

Concen: 7.32 ng

RT: 9.99 min Scan# 1977

Delta R.T. 0.00 min

Lab File: BE088434.D

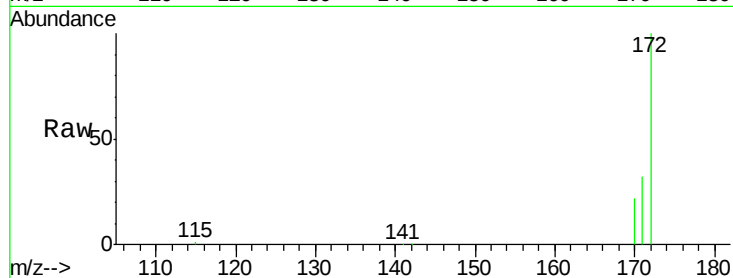
Acq: 31 Oct 2014 22:38

Instrument :

BNA_E

ClientSampleId :

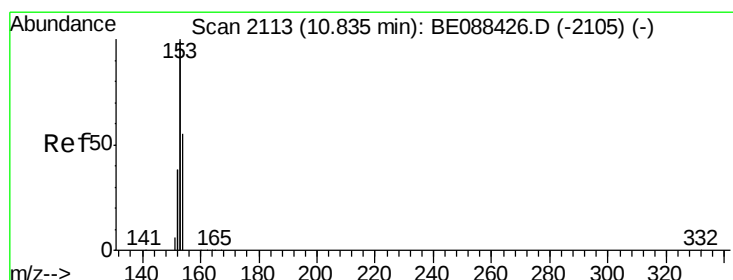
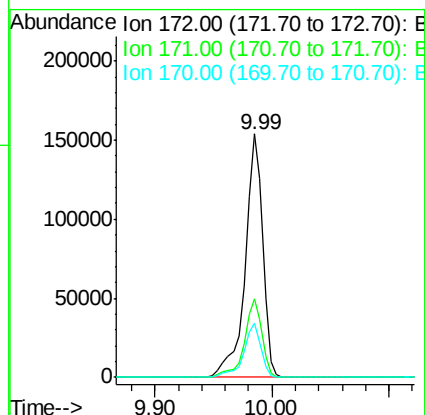
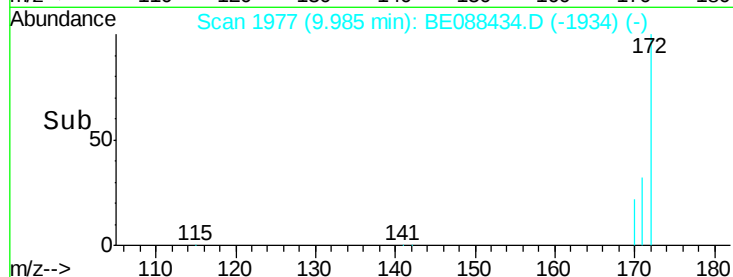
YS19-SW04-1014



Tgt Ion:	172	Resp:	160540
Ion Ratio	Lower	Upper	
172	100		
171	32.3	26.0	39.0
170	22.4	17.6	26.4

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#10

Acenaphthene

Concen: 0.04 ng m

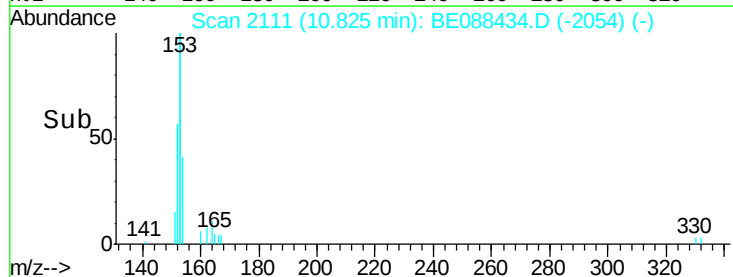
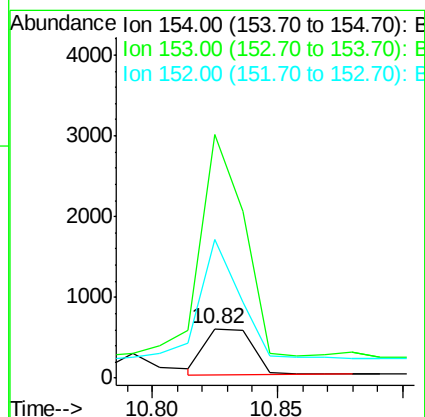
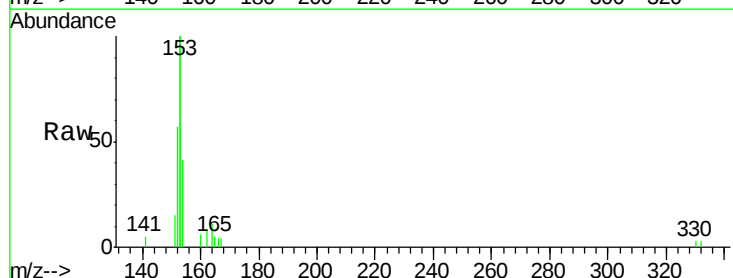
RT: 10.82 min Scan# 2111

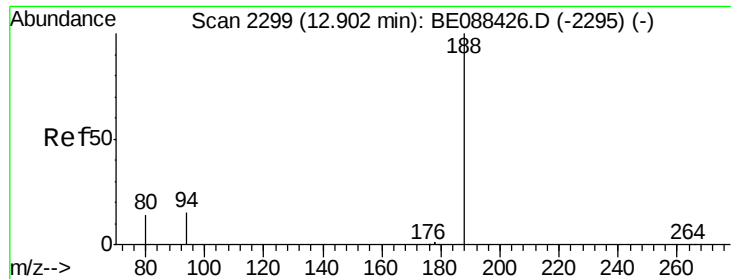
Delta R.T. -0.01 min

Lab File: BE088434.D

Acq: 31 Oct 2014 22:38

Tgt Ion:	154	Resp:	771
Ion Ratio	Lower	Upper	
154	100		
153	432.8	324.3	486.5
152	221.7	154.9	232.3





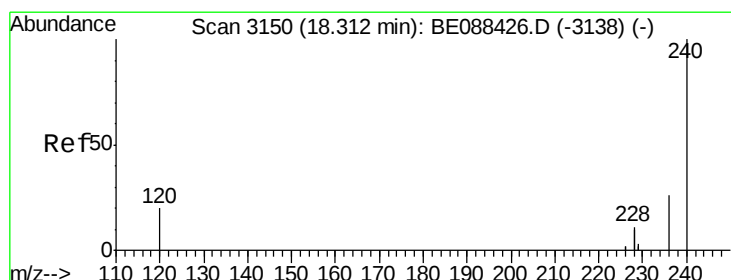
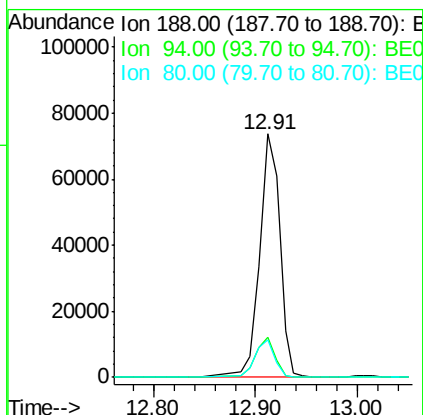
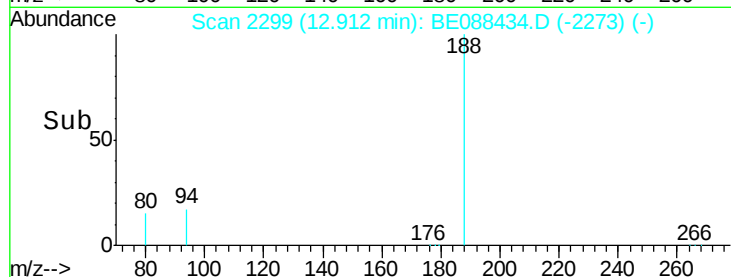
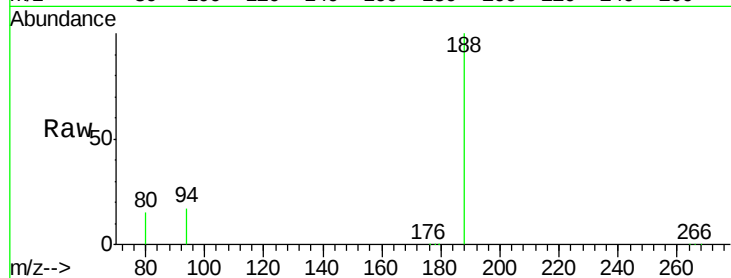
#12
Phenanthrene-d10
Concen: 5.00 ng
RT: 12.91 min Scan# 2299
Delta R.T. 0.01 min
Lab File: BE088434.D
Acq: 31 Oct 2014 22:38

Instrument :
BNA_E
ClientSampleId :
YS19-SW04-1014

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	16.6	11.8	17.8
80	15.4	10.9	16.3

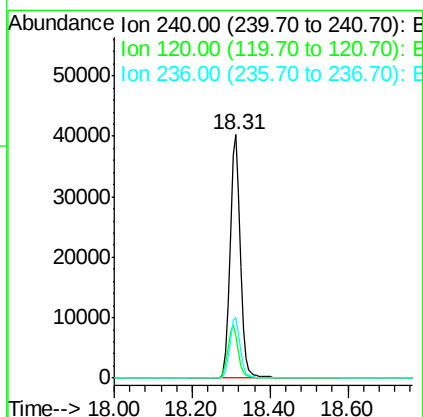
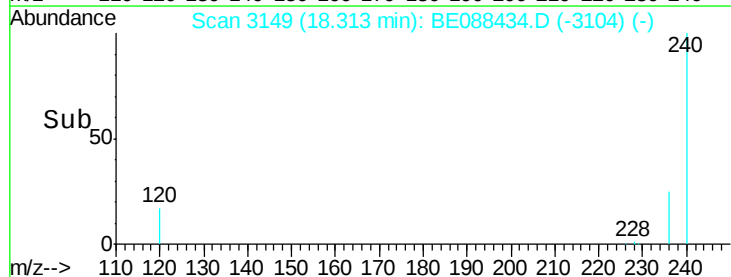
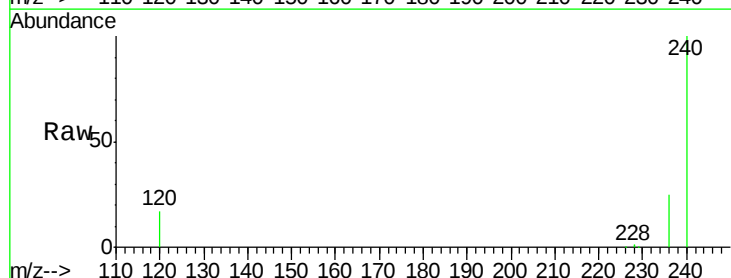
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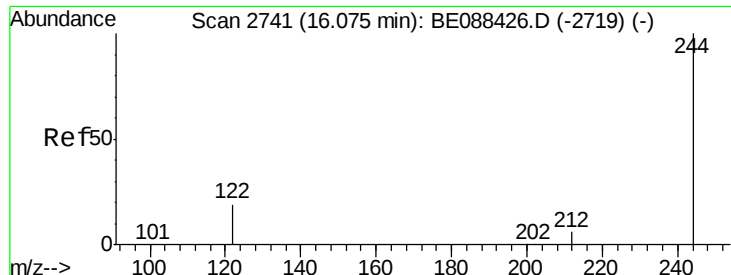
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#16
Chrysene-d12
Concen: 5.00 ng
RT: 18.31 min Scan# 3149
Delta R.T. 0.00 min
Lab File: BE088434.D
Acq: 31 Oct 2014 22:38

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	17.3	16.4	24.6
236	24.9	20.5	30.7





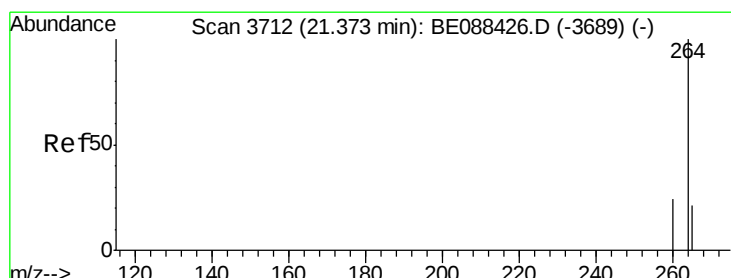
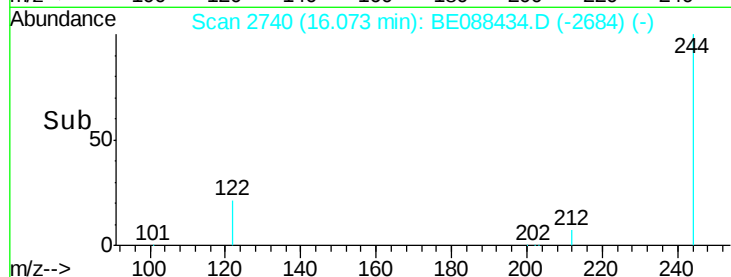
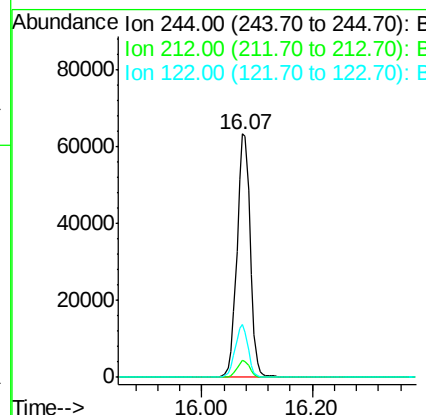
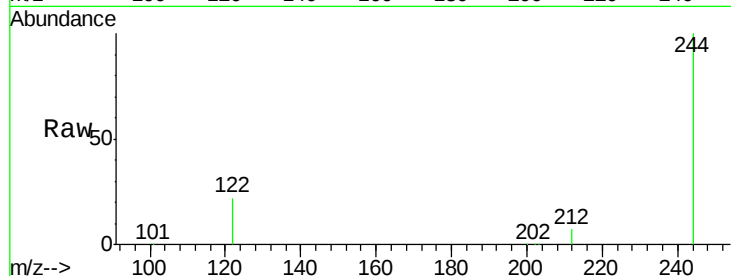
#18
 Terphenyl-d14
 Concen: 8.15 ng
 RT: 16.07 min Scan# 2740
 Delta R.T. -0.00 min
 Lab File: BE088434.D
 Acq: 31 Oct 2014 22:38

Instrument :
 BNA_E
 ClientSampleId :
 YS19-SW04-1014

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	105956		
212	6.8		5.5	8.3
122	21.5		15.6	23.4

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#22
 Perylene-d12
 Concen: 5.00 ng
 RT: 21.37 min Scan# 3711
 Delta R.T. 0.00 min
 Lab File: BE088434.D
 Acq: 31 Oct 2014 22:38

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	66005		
260	23.4		18.9	28.3
265	21.7		17.2	25.8

