

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
 Data File : BE089422.D
 Acq On : 29 Jan 2015 20:23
 Operator : TP/IZ
 Sample : G1110-09
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 EB-2015-1-15

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Quant Time: Jan 30 07:20:22 2015
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\SIM-BE012915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 30 03:05:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	134497	5.00	ng	0.00
7) Naphthalene-d8	12.50	136	505765	5.00	ng	0.00
13) Acenaphthene-d10	16.68	164	228828	5.00	ng	0.00
17) Phenanthrene-d10	19.99	188	427875	5.00	ng	0.00
20) Chrysene-d12	23.84	240	551779	5.00	ng	0.00
27) Perylene-d12	25.55	264	580478	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.74	112	170078	3.36	ng	0.00
4) Phenol-d6	8.85	99	118791	1.98	ng	0.00
8) Nitrobenzene-d5	10.85	82	307050	7.47	ng	0.00
14) 2,4,6-Tribromophenol	18.58	330	64571	10.23	ng	0.00
15) 2-Fluorobiphenyl	15.13	172	426389	6.68	ng	0.00
22) Terphenyl-d14	22.48	244	599367	9.40	ng	0.00
Target Compounds						
23) Benzo(a)anthracene	23.83	228	8612	0.02	ng	Qvalue # 79
25) Chrysene	23.87	228	6062m	0.01	ng	

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

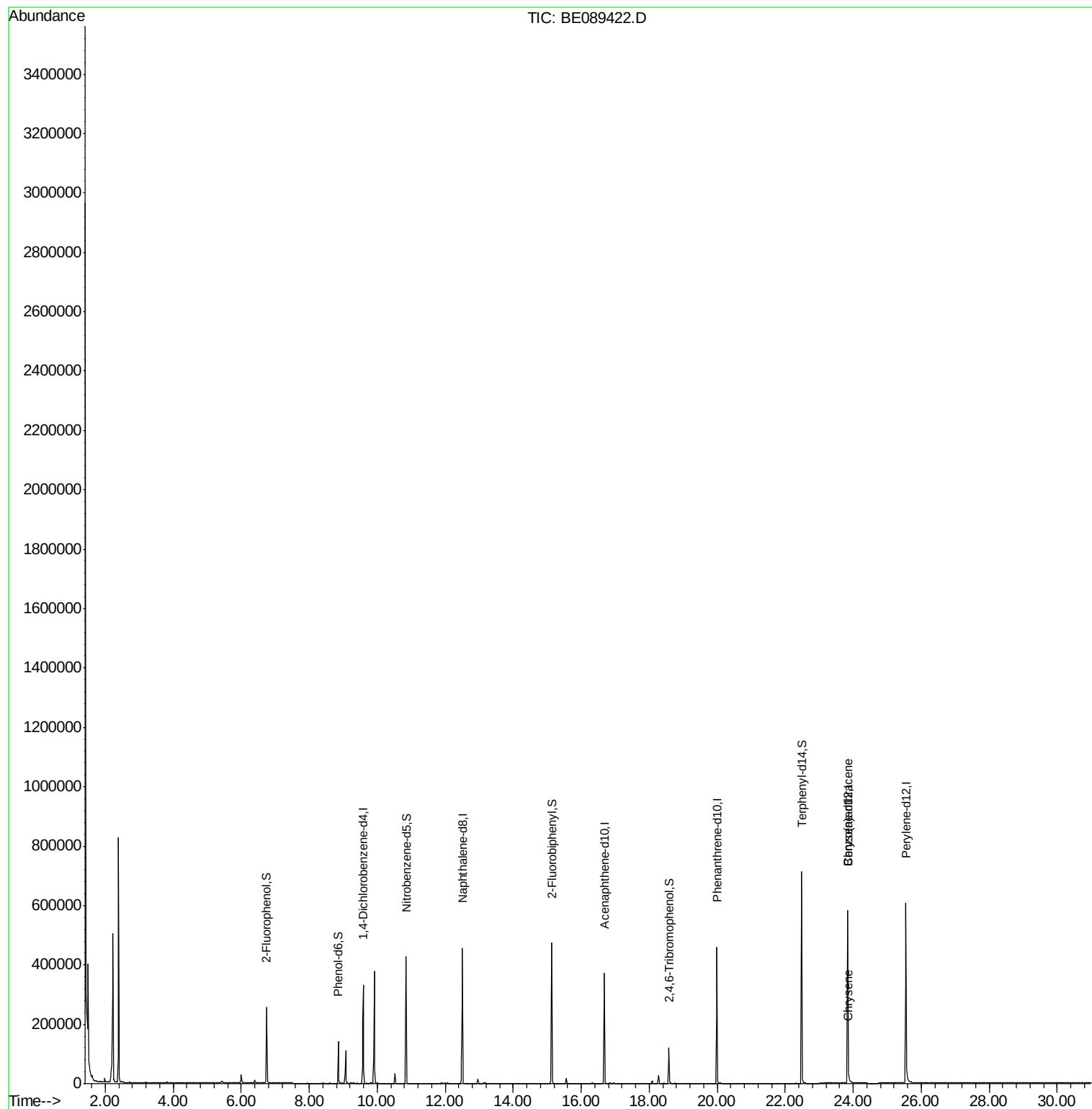
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
Data File : BE089422.D
Acq On : 29 Jan 2015 20:23
Operator : TP/IZ
Sample : G1110-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

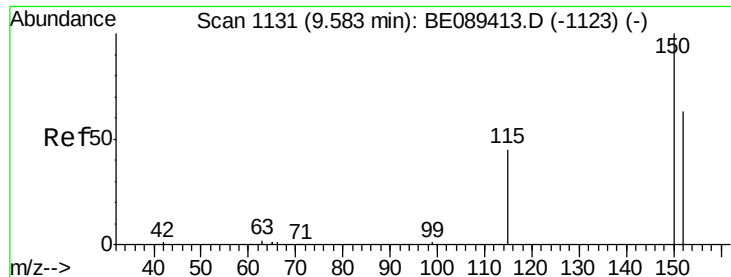
Instrument :
BNA_E
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EB-2015-1-15

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.58 min Scan# 1131

Delta R.T. 0.00 min

Lab File: BE089422.D

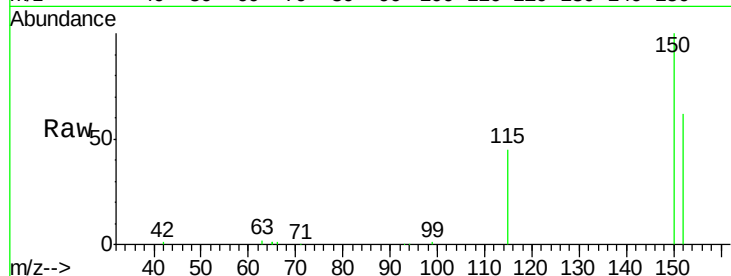
Acq: 29 Jan 2015 20:23

Instrument :

BNA_E

ClientSampleId :

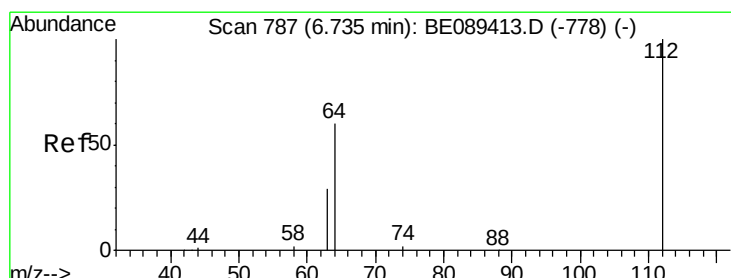
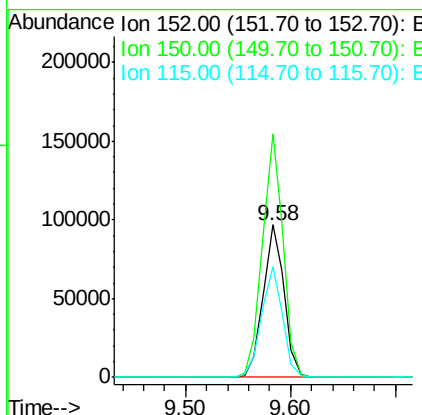
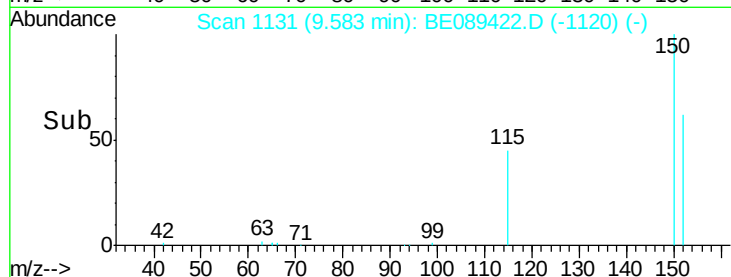
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Tgt Ion:	152	Resp:	134497
Ion Ratio	Lower	Upper	
152	100		
150	160.0	126.1	189.1
115	72.8	57.1	85.7

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#3

2-Fluorophenol

Concen: 3.36 ng

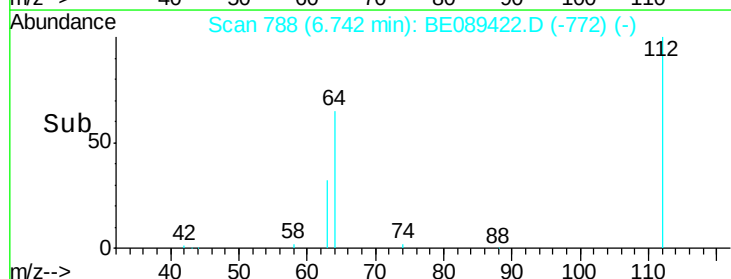
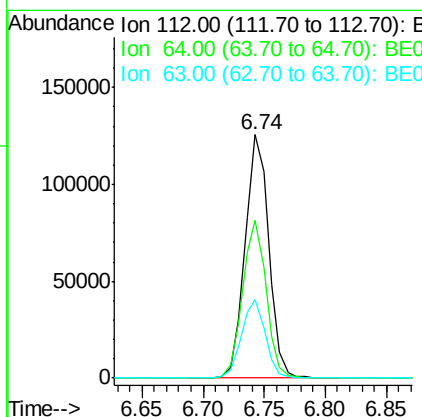
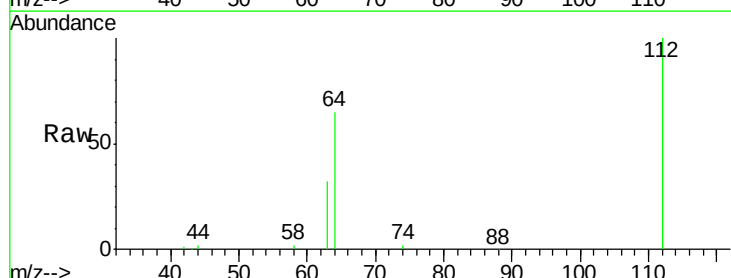
RT: 6.74 min Scan# 788

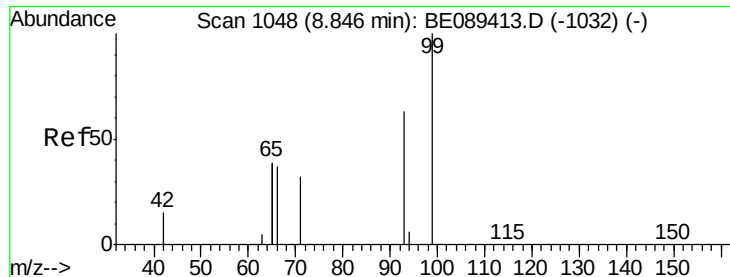
Delta R.T. 0.01 min

Lab File: BE089422.D

Acq: 29 Jan 2015 20:23

Tgt Ion:	112	Resp:	170078
Ion Ratio	Lower	Upper	
112	100		
64	64.7	48.2	72.4
63	32.1	23.5	35.3





#4

Phenol-d6

Concen: 1.98 ng

RT: 8.85 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BE089422.D

Acq: 29 Jan 2015 20:23

Instrument :

BNA_E

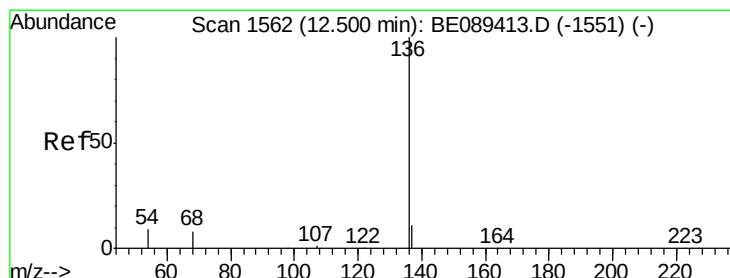
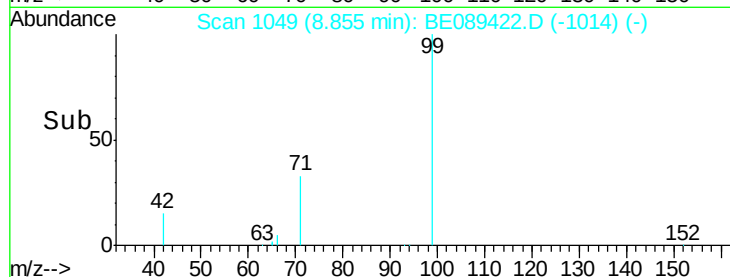
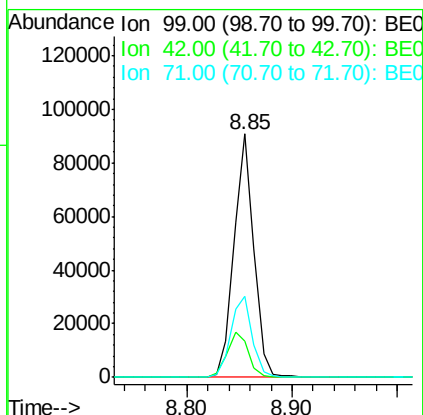
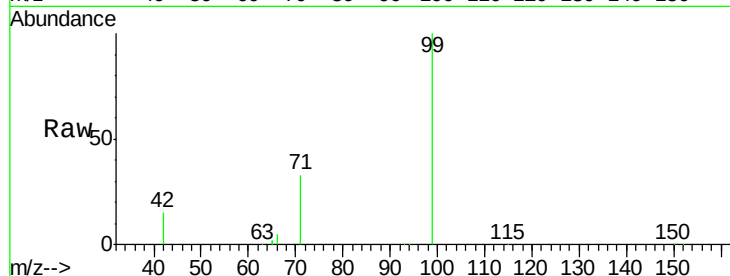
ClientSampleId :

EB-2015-1-15

Tgt Ion:	99	Resp:	118791
Ion Ratio	Lower	Upper	
99	100		
42	15.1	11.9	17.9
71	33.2	25.8	38.6

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#7

Naphthalene-d8

Concen: 5.00 ng

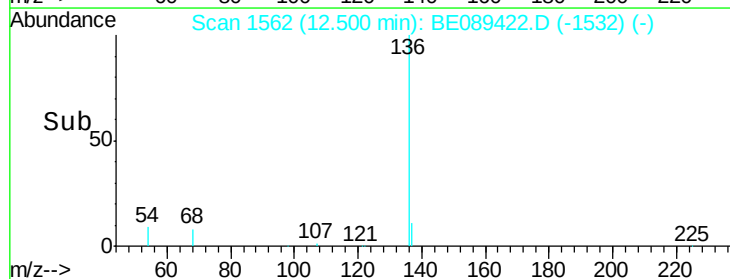
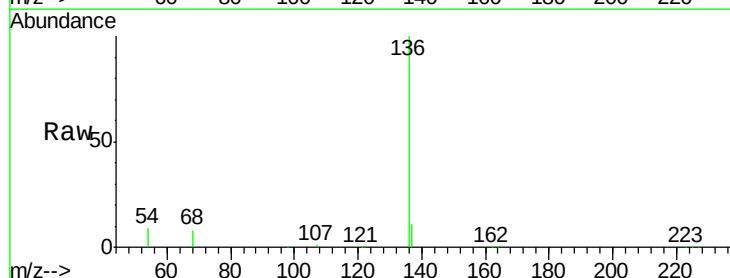
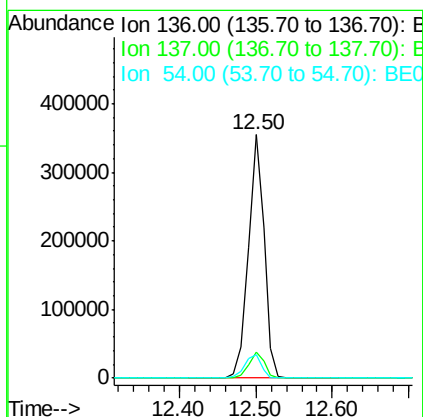
RT: 12.50 min Scan# 1562

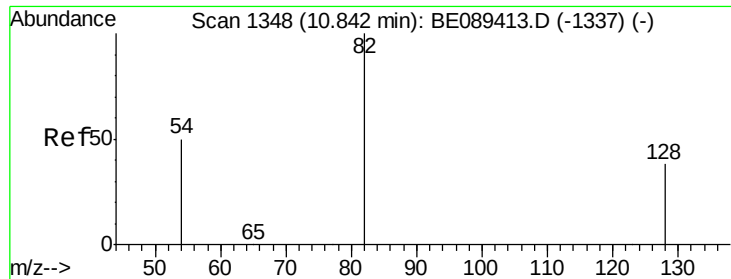
Delta R.T. -0.00 min

Lab File: BE089422.D

Acq: 29 Jan 2015 20:23

Tgt Ion:	136	Resp:	505765
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	12.8
54	9.4	7.5	11.3





#8

Nitrobenzene-d5

Concen: 7.47 ng

RT: 10.85 min Scan# 1349

Delta R.T. 0.01 min

Lab File: BE089422.D

Acq: 29 Jan 2015 20:23

Instrument :

BNA_E

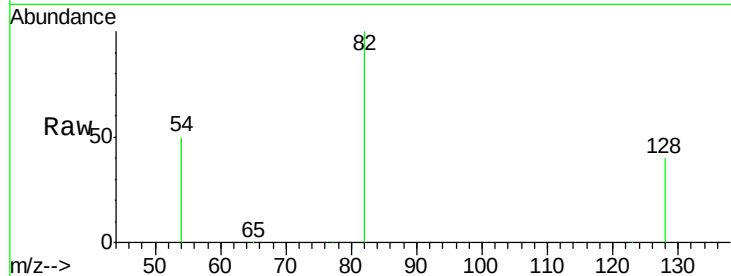
ClientSampleId :

EB-2015-1-15

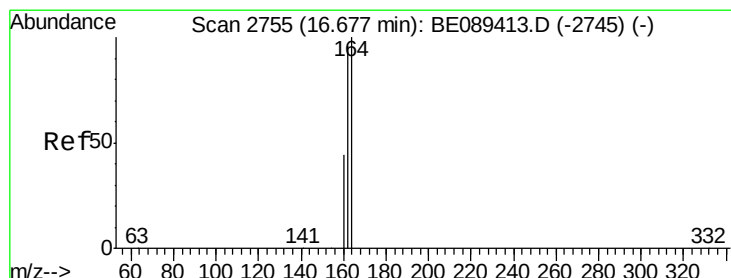
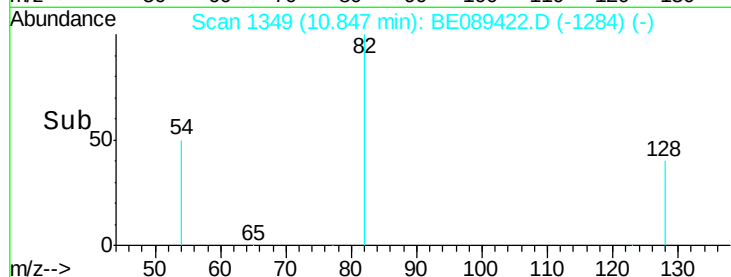
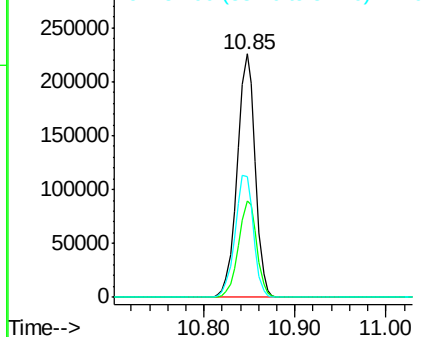
Tgt Ion	Ratio	Lower	Upper
82	100		
128	39.8	31.0	46.4
54	49.7	39.8	59.6

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Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.68 min Scan# 2755

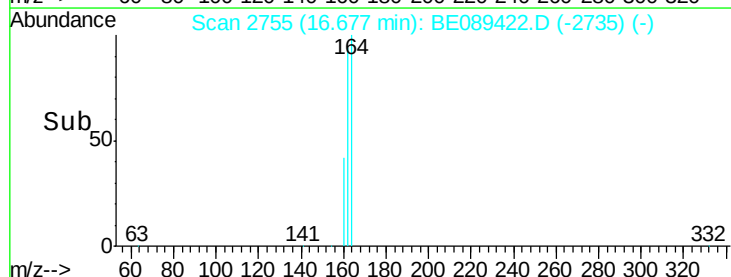
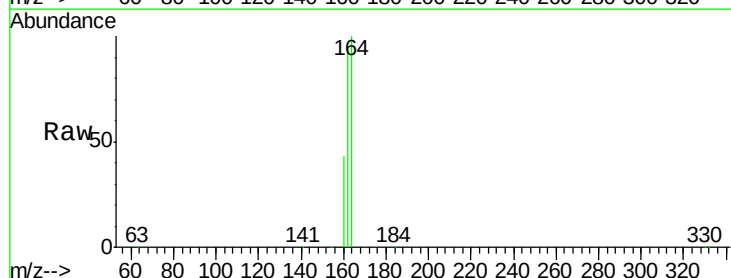
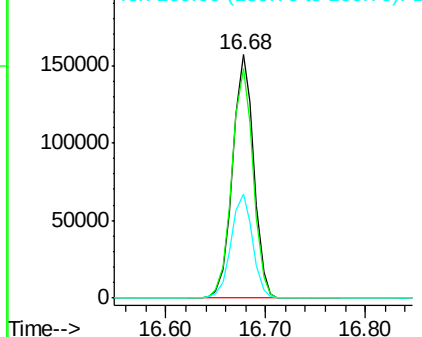
Delta R.T. 0.00 min

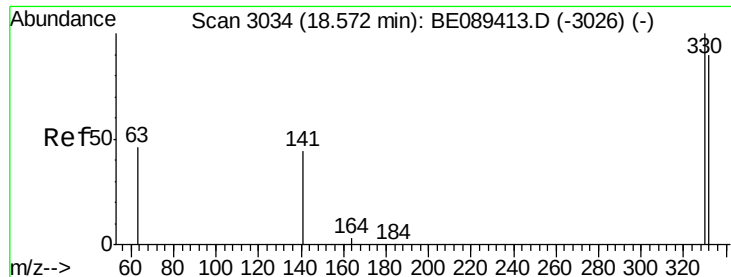
Lab File: BE089422.D

Acq: 29 Jan 2015 20:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	94.2	77.0	115.6
160	42.5	35.0	52.4

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





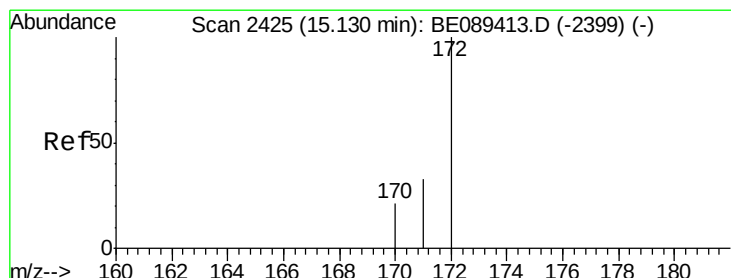
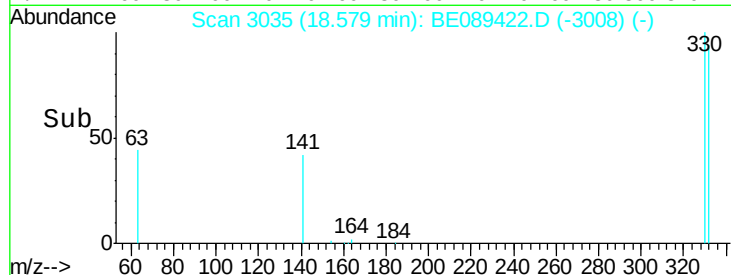
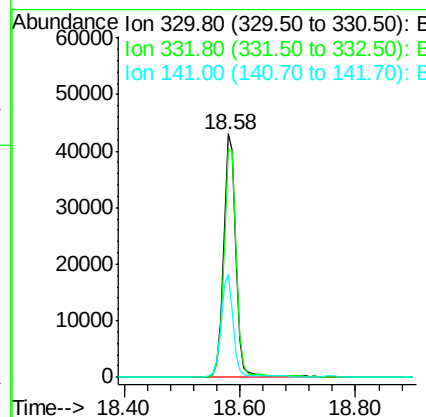
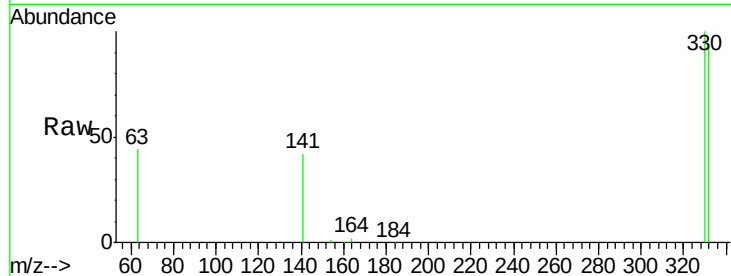
#14
 2,4,6-Tribromophenol
 Concen: 10.23 ng
 RT: 18.58 min Scan# 3035
 Delta R.T. 0.01 min
 Lab File: BE089422.D
 Acq: 29 Jan 2015 20:23

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Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	76.0	114.0
141	42.0	35.6	53.4

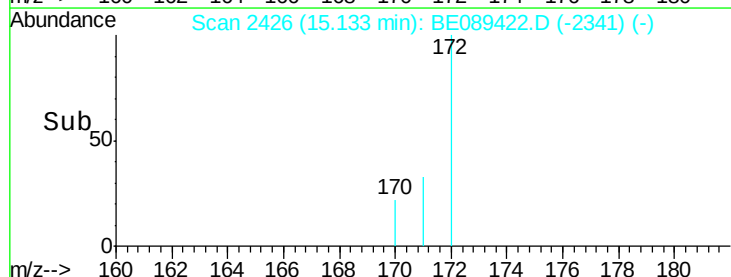
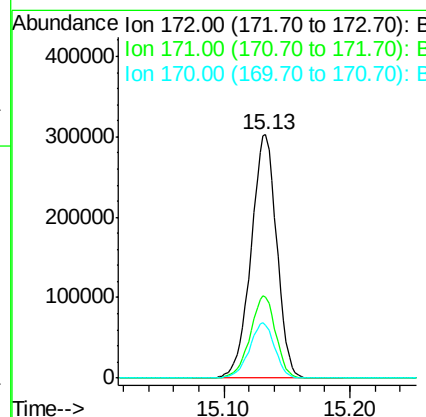
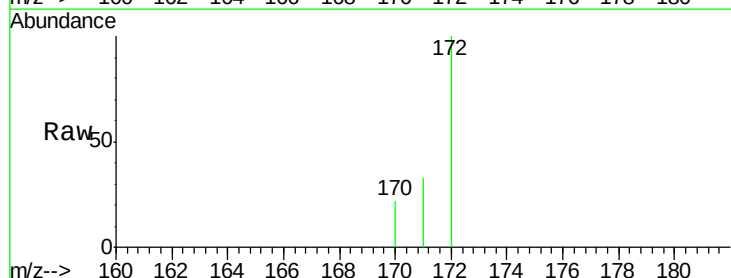
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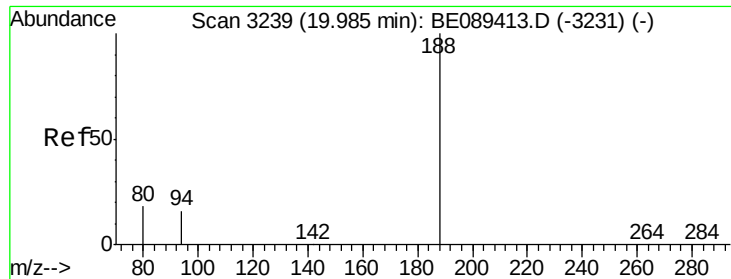
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#15
 2-Fluorobiphenyl
 Concen: 6.68 ng
 RT: 15.13 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BE089422.D
 Acq: 29 Jan 2015 20:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.0	26.6	39.8
170	21.9	17.1	25.7





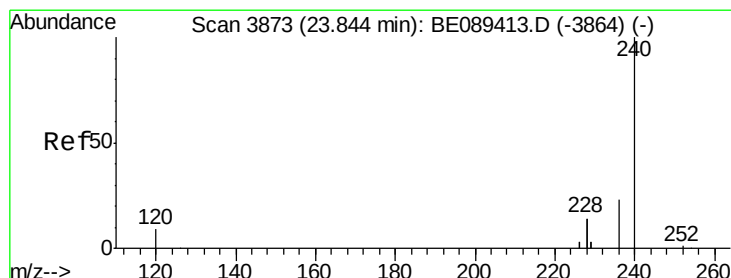
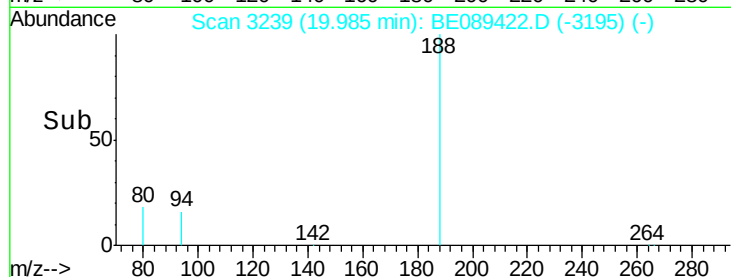
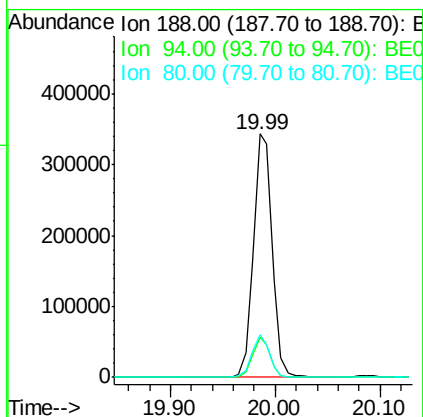
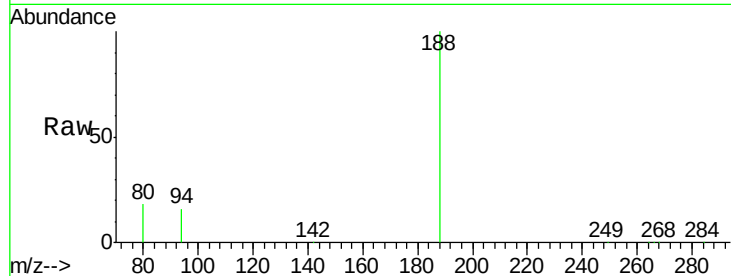
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3239
Delta R.T. 0.00 min
Lab File: BE089422.D
Acq: 29 Jan 2015 20:23

Instrument :
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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
188	100	427875		
94	16.3	13.0	19.6	
80	17.6	14.2	21.4	

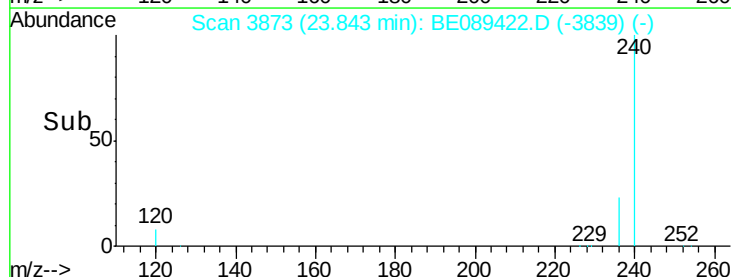
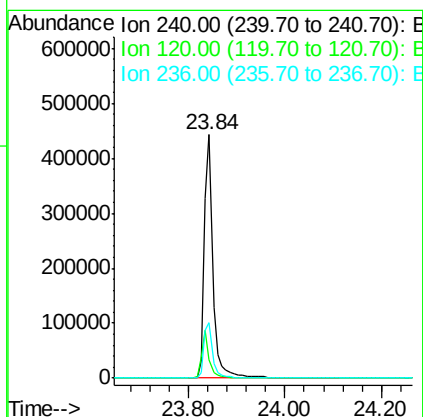
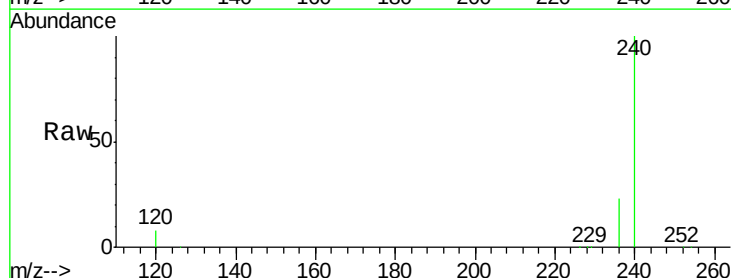
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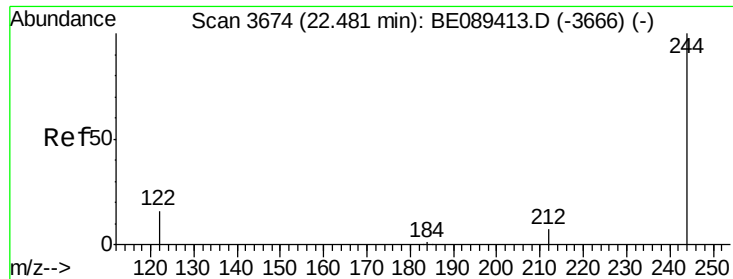
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#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3873
Delta R.T. -0.00 min
Lab File: BE089422.D
Acq: 29 Jan 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	551779		
120	7.6	6.9	10.3	
236	22.6	18.2	27.2	





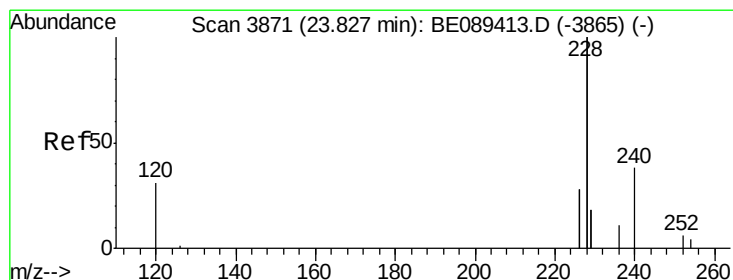
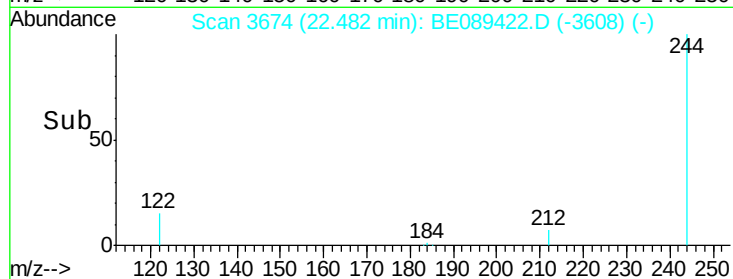
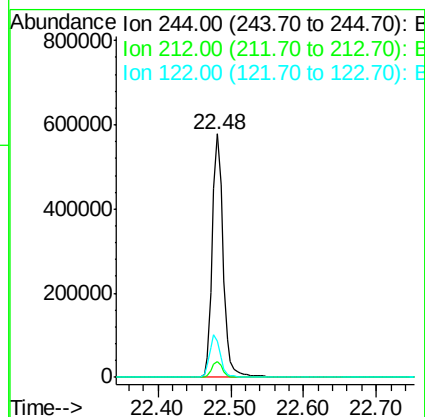
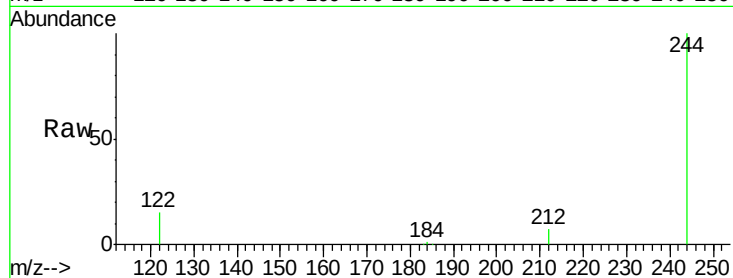
#22
 Terphenyl-d14
 Concen: 9.40 ng
 RT: 22.48 min Scan# 3674
 Delta R.T. 0.00 min
 Lab File: BE089422.D
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Tgt Ion	Ratio	Resp	Lower	Upper
244	100	599367		
212	6.7	5.4	8.0	
122	15.0	13.2	19.8	

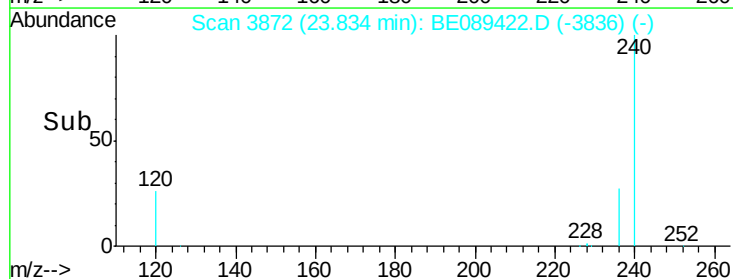
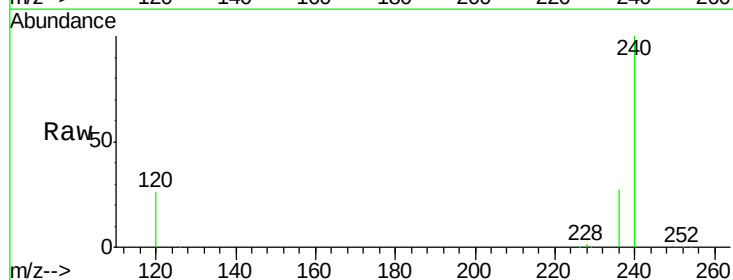
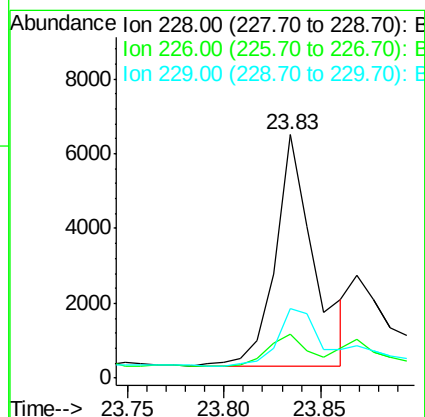
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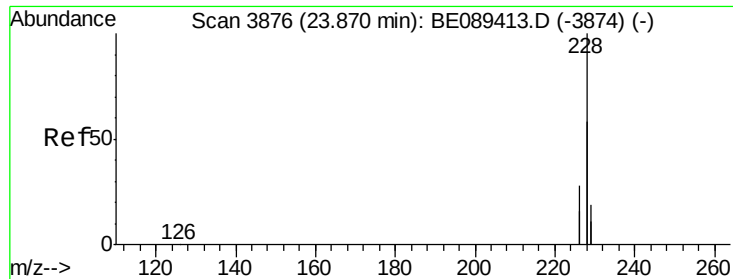
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#23
 Benzo(a)anthracene
 Concen: 0.02 ng
 RT: 23.83 min Scan# 3872
 Delta R.T. 0.01 min
 Lab File: BE089422.D
 Acq: 29 Jan 2015 20:23

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	8612		
226	18.0	22.6	33.8#	
229	28.5	14.5	21.7#	





#25

Chrysene

Concen: 0.01 ng m

RT: 23.87 min Scan# 3876

Delta R.T. -0.00 min

Lab File: BE089422.D

Acq: 29 Jan 2015 20:23

Instrument :

BNA_E

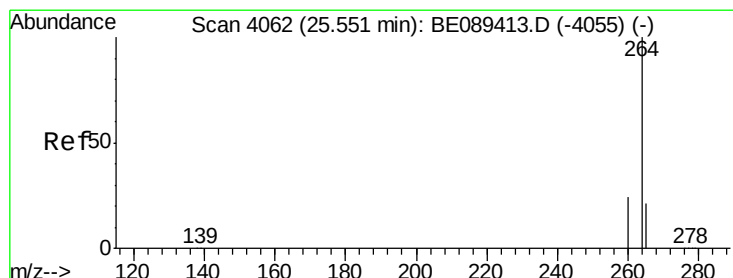
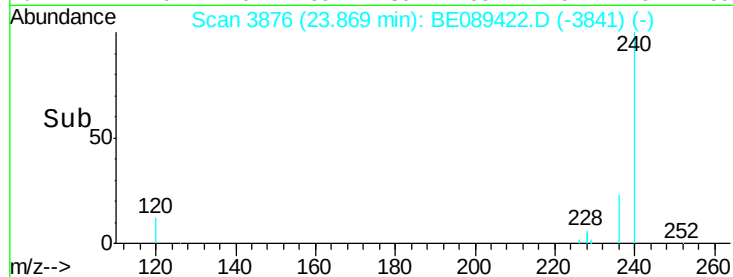
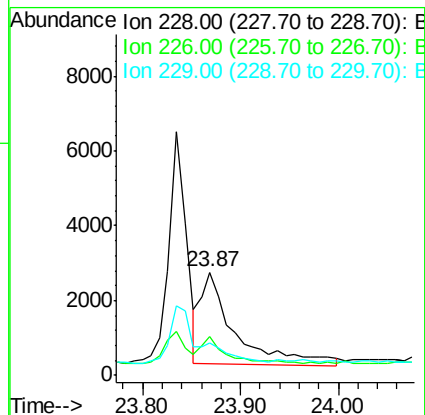
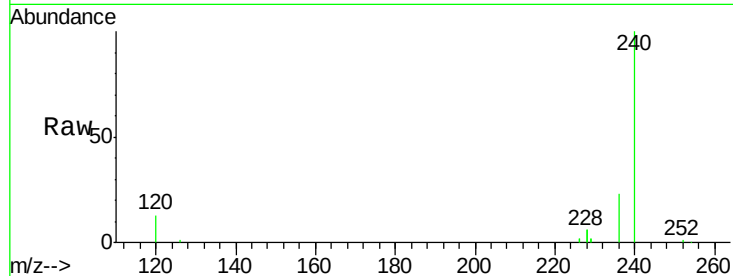
ClientSampleId :

EB-2015-1-15

Tgt Ion:	228	Resp:	6062
Ion Ratio	Lower	Upper	
228	100		
226	37.8	22.6	33.8#
229	31.9	15.5	23.3#

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#27

Perylene-d12

Concen: 5.00 ng

RT: 25.55 min Scan# 4062

Delta R.T. 0.00 min

Lab File: BE089422.D

Acq: 29 Jan 2015 20:23

Tgt Ion:	264	Resp:	580478
Ion Ratio	Lower	Upper	
264	100		
260	23.5	19.4	29.0
265	21.7	17.1	25.7

