

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
 Data File : BE089426.D
 Acq On : 30 Jan 2015 00:19
 Operator : TP/IZ
 Sample : G1110-10
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MPE-15

Manual Integrations
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Quant Time: Jan 30 07:36:46 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 03:48:17 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.58	152	110574	5.00	ng	0.00
7) Naphthalene-d8	12.50	136	397990	5.00	ng	0.00
13) Acenaphthene-d10	16.68	164	184925	5.00	ng	0.00
17) Phenanthrene-d10	19.99	188	382912	5.00	ng	0.00
20) Chrysene-d12	23.84	240	521741	5.00	ng	0.00
27) Perylene-d12	25.55	264	567890	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.74	112	124818	3.00	ng	0.00
4) Phenol-d6	8.85	99	88488	1.79	ng	0.00
8) Nitrobenzene-d5	10.84	82	240228	7.42	ng	0.00
14) 2,4,6-Tribromophenol	18.58	330	84465	16.55	ng	0.00
15) 2-Fluorobiphenyl	15.13	172	336791	6.53	ng	0.00
22) Terphenyl-d14	22.48	244	617720	10.24	ng	0.00
Target Compounds						
5) Phenol	8.88	94	27030	0.50	ng	Qvalue # 82
10) 2,4-Dimethylphenol	11.82	122	474m	0.02	ng	
19) Pentachlorophenol	19.66	266	644	0.18	ng	# 83
23) Benzo(a)anthracene	23.83	228	10551	0.03	ng	# 70
25) Chrysene	23.87	228	5406m	0.01	ng	

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

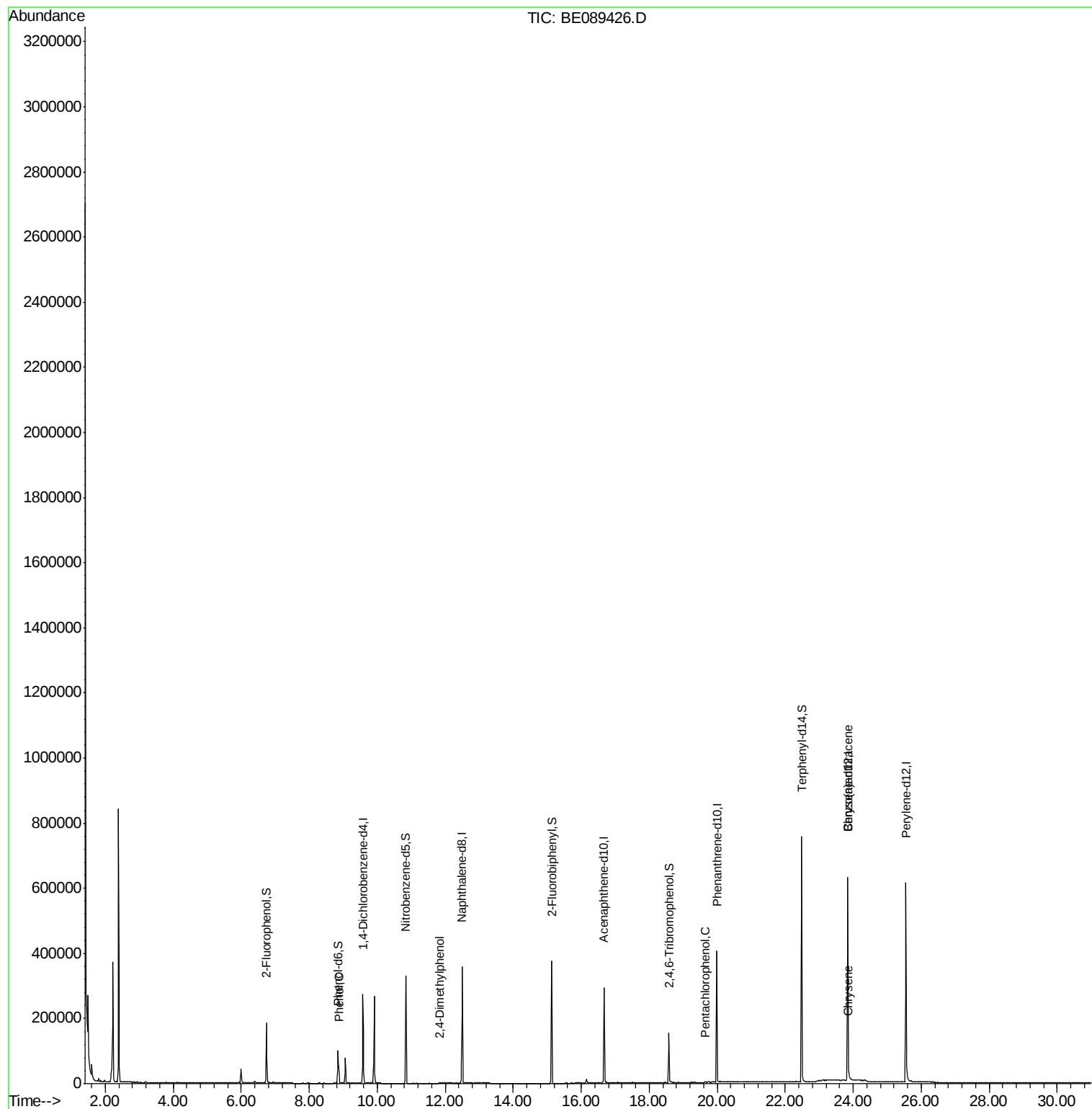
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
Data File : BE089426.D
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Operator : TP/IZ
Sample : G1110-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

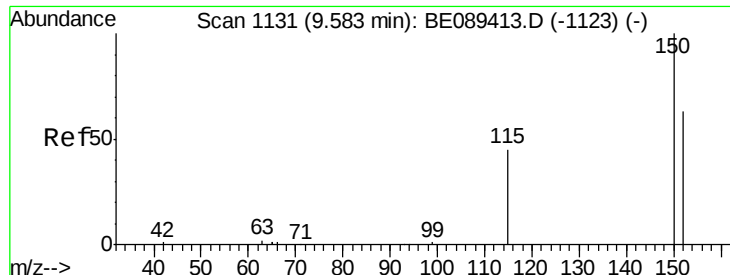
Instrument :
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ClientSampleId :
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Quant Time: Jan 30 07:36:46 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 9.58 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BE089426.D

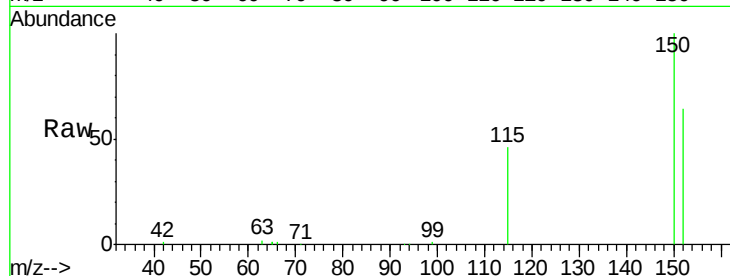
Acq: 30 Jan 2015 00:19

Instrument :

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Tgt Ion:152 Resp: 110574

Ion Ratio Lower Upper

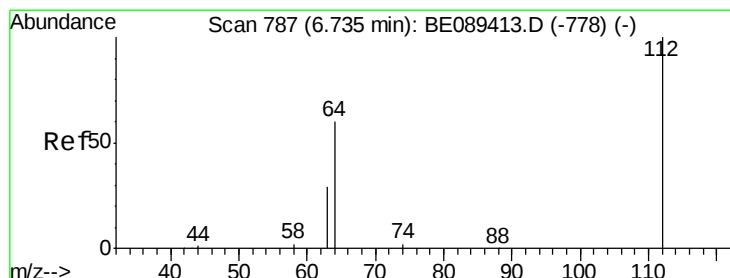
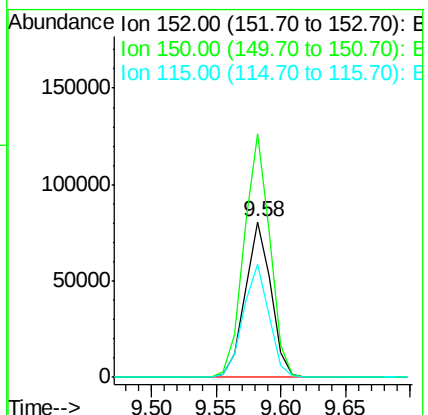
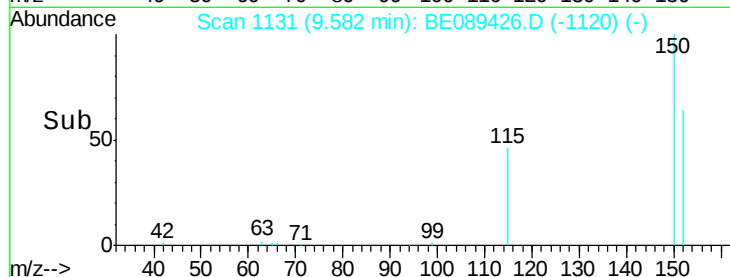
152 100

150 156.8 126.1 189.1

115 72.4 57.1 85.7

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#3

2-Fluorophenol

Concen: 3.00 ng

RT: 6.74 min Scan# 787

Delta R.T. 0.00 min

Lab File: BE089426.D

Acq: 30 Jan 2015 00:19

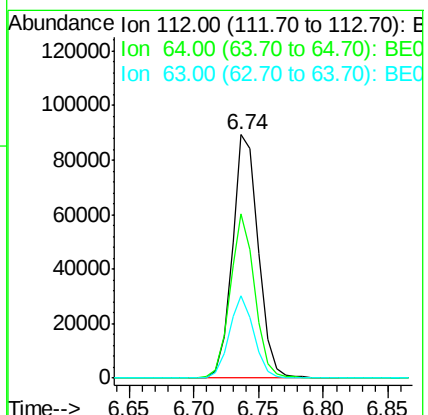
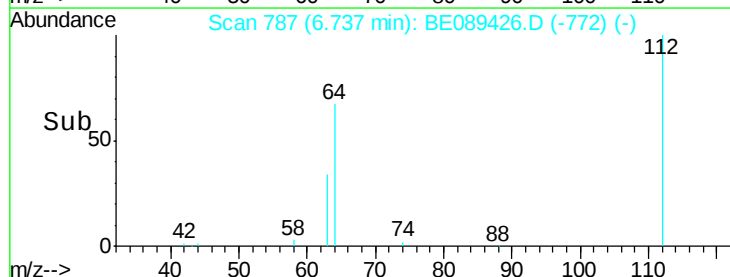
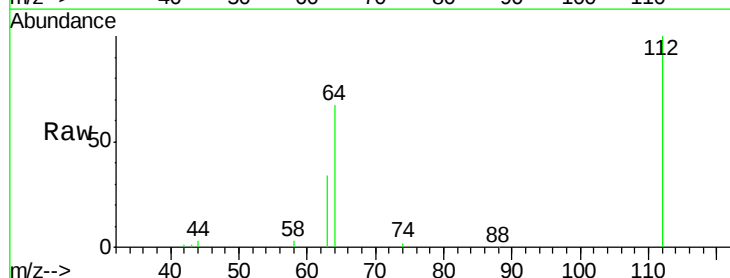
Tgt Ion:112 Resp: 124818

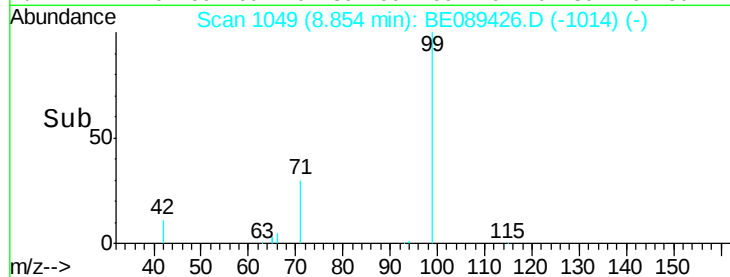
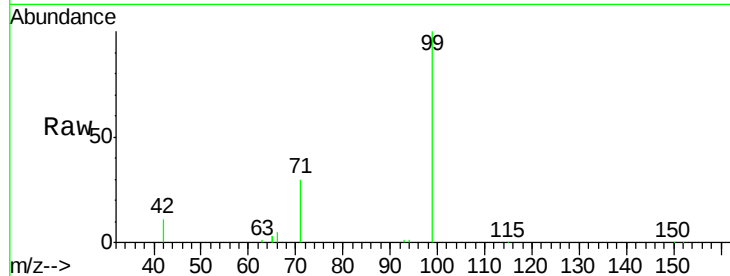
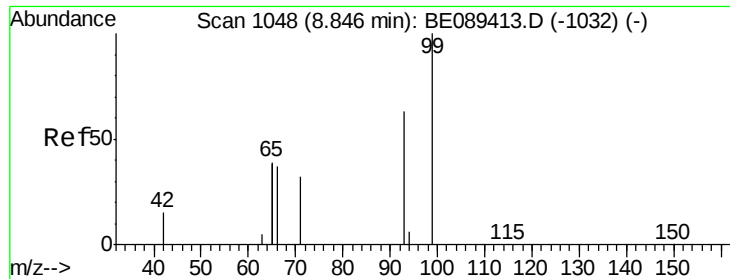
Ion Ratio Lower Upper

112 100

64 67.2 48.2 72.4

63 33.8 23.5 35.3





#4

Phenol-d6

Concen: 1.79 ng

RT: 8.85 min Scan# 1049

Delta R.T. 0.01 min

Lab File: BE089426.D

Acq: 30 Jan 2015 00:19

Tgt Ion:	99	Resp:	88488
Ion Ratio	Lower	Upper	
99	100		
42	11.3	11.9	17.9#
71	30.2	25.8	38.6

Instrument :

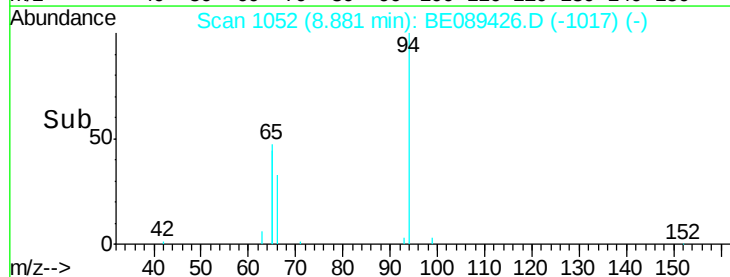
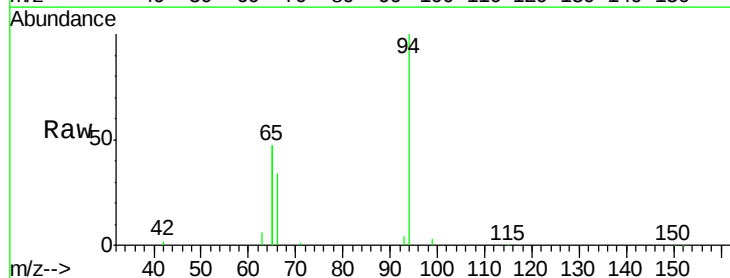
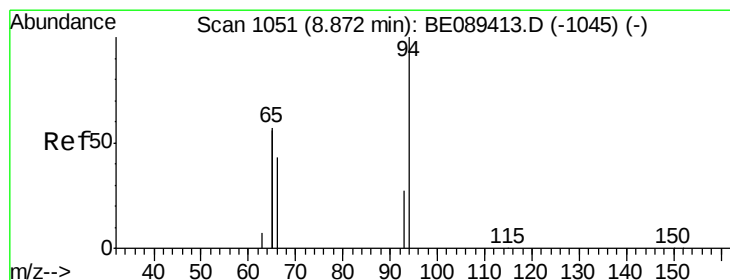
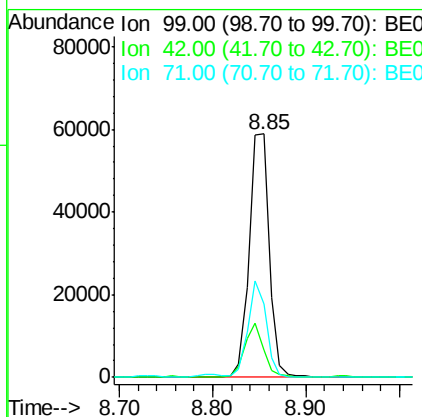
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#5

Phenol

Concen: 0.50 ng

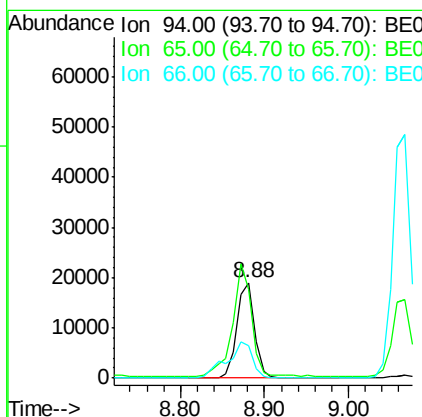
RT: 8.88 min Scan# 1052

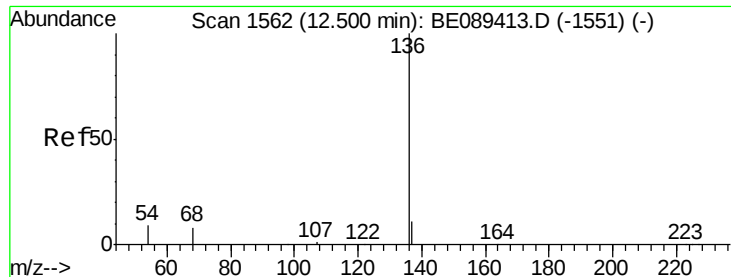
Delta R.T. 0.01 min

Lab File: BE089426.D

Acq: 30 Jan 2015 00:19

Tgt Ion:	94	Resp:	27030
Ion Ratio	Lower	Upper	
94	100		
65	93.2	93.3	133.3#
66	33.8	23.6	63.6





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 12.50 min Scan# 1562

Delta R.T. -0.00 min

Lab File: BE089426.D

Acq: 30 Jan 2015 00:19

Instrument :

BNA_E

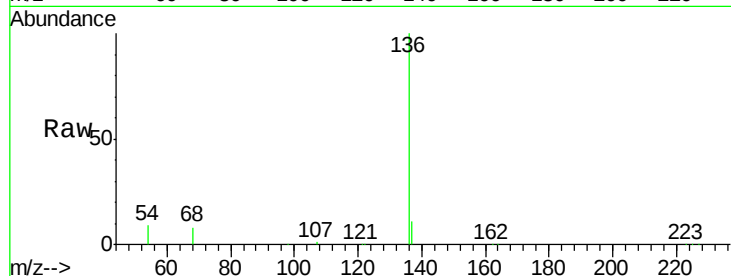
ClientSampleId :

MPE-15

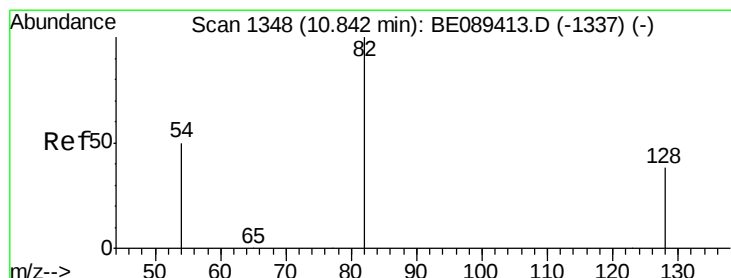
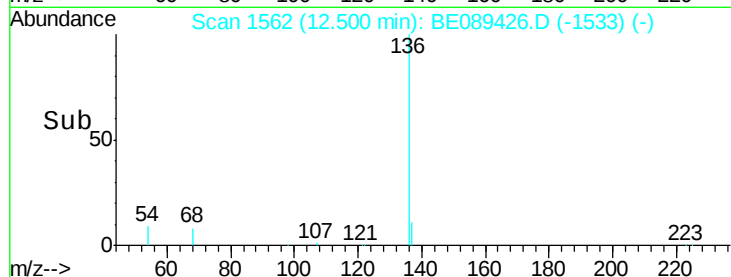
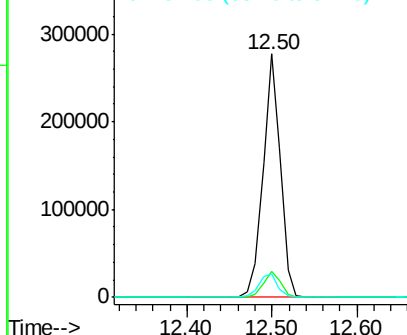
Tgt Ion:	136	Resp:	397990
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.6	12.8
54	9.4	7.5	11.3

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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): BE0



#8

Nitrobenzene-d5

Concen: 7.42 ng

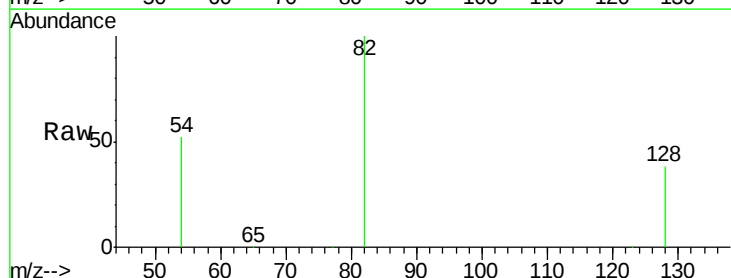
RT: 10.84 min Scan# 1348

Delta R.T. 0.00 min

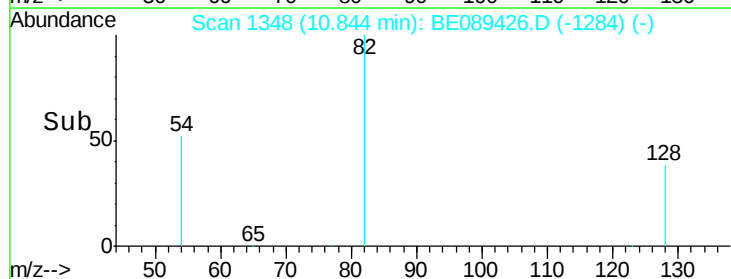
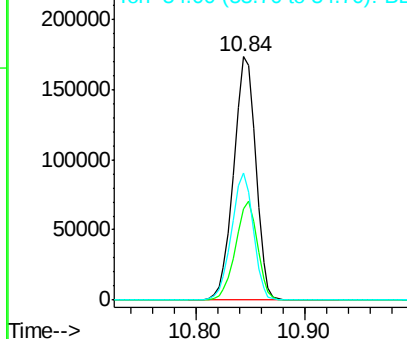
Lab File: BE089426.D

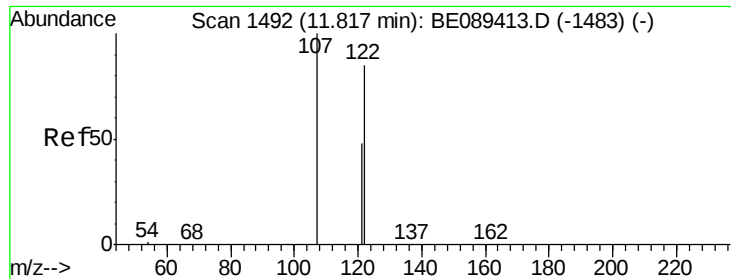
Acq: 30 Jan 2015 00:19

Tgt Ion:	82	Resp:	240228
Ion Ratio	Lower	Upper	
82	100		
128	37.7	31.0	46.4
54	52.3	39.8	59.6



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





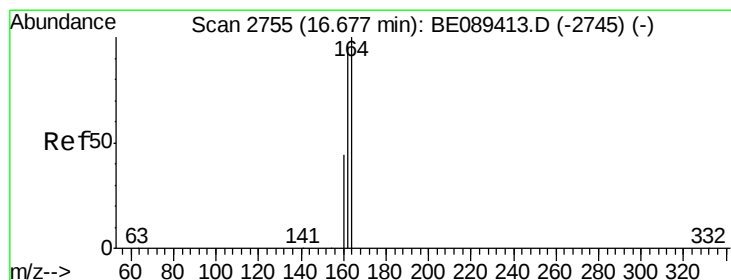
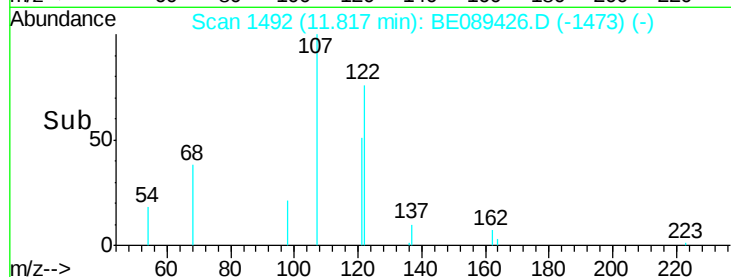
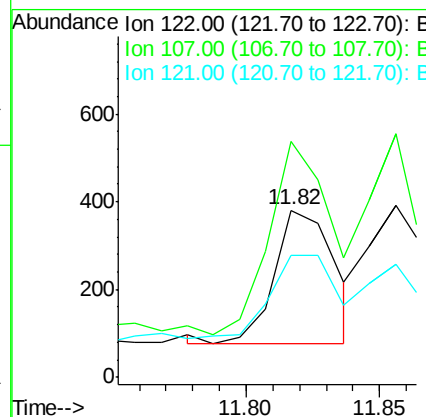
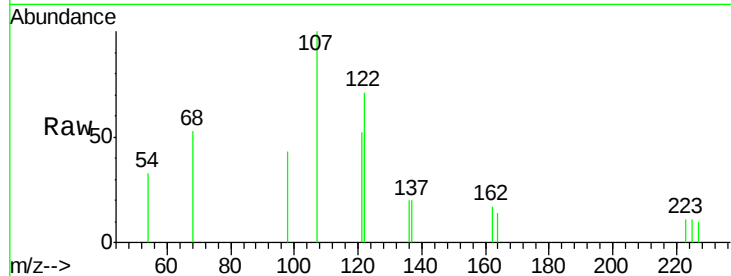
#10
2,4-Dimethylphenol
Concen: 0.02 ng m
RT: 11.82 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BE089426.D
Acq: 30 Jan 2015 00:19

Instrument :
BNA_E
ClientSampled :
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Tgt Ion:122 Resp: 474
Ion Ratio Lower Upper
122 100
107 140.9 94.6 142.0
121 73.0 45.8 68.6#

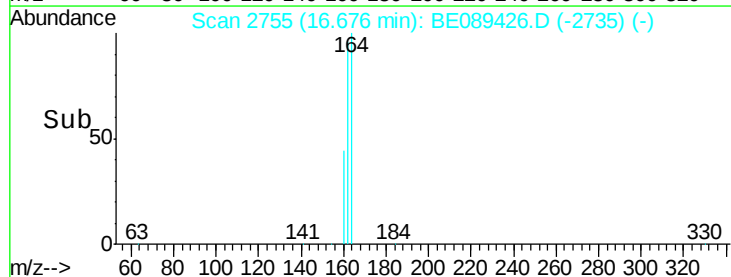
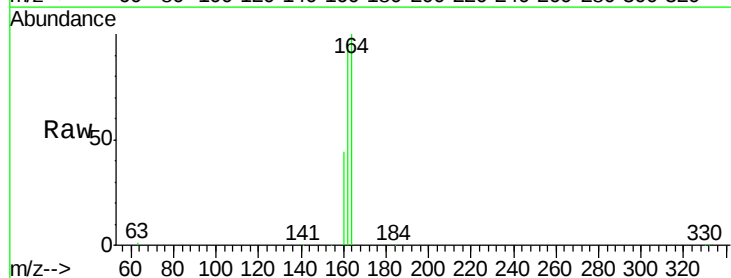
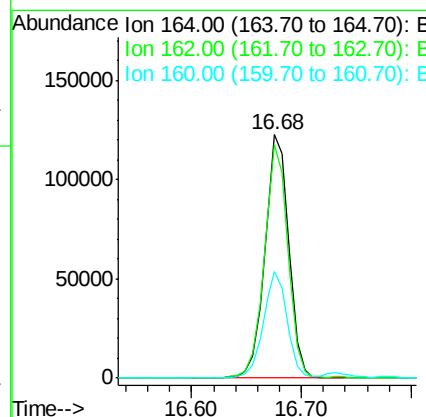
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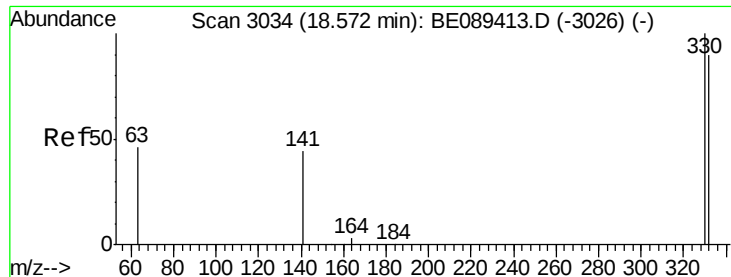
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#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 16.68 min Scan# 2755
Delta R.T. -0.00 min
Lab File: BE089426.D
Acq: 30 Jan 2015 00:19

Tgt Ion:164 Resp: 184925
Ion Ratio Lower Upper
164 100
162 96.1 77.0 115.6
160 44.0 35.0 52.4





#14

2,4,6-Tribromophenol

Concen: 16.55 ng

RT: 18.58 min Scan# 3035

Delta R.T. 0.01 min

Lab File: BE089426.D

Acq: 30 Jan 2015 00:19

Instrument :

BNA_E

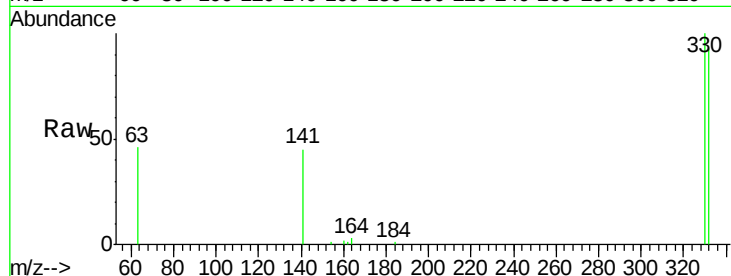
ClientSampleId :

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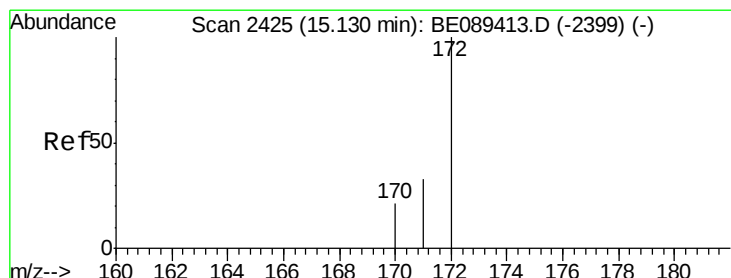
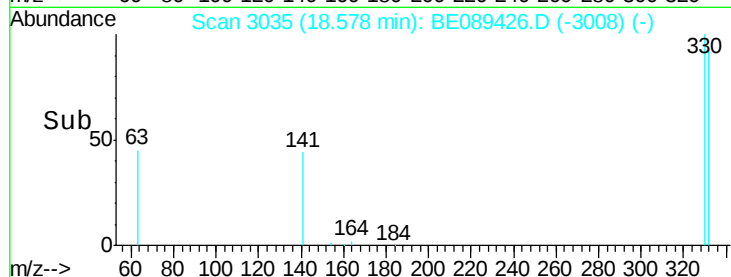
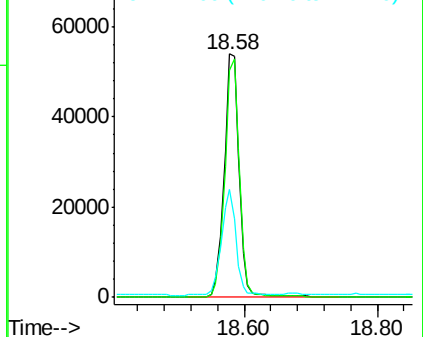
Tgt Ion:	330	Resp:	84465
Ion Ratio	Lower	Upper	
330	100		
332	95.9	76.0	114.0
141	42.0	35.6	53.4

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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#15

2-Fluorobiphenyl

Concen: 6.53 ng

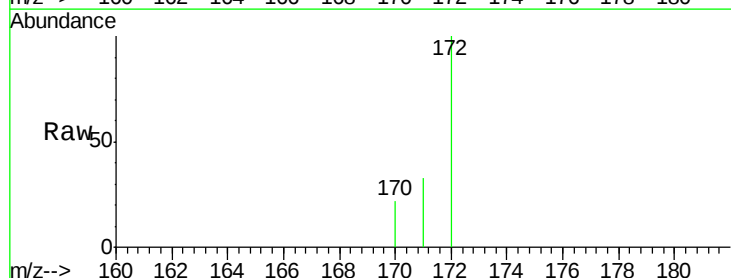
RT: 15.13 min Scan# 2426

Delta R.T. 0.00 min

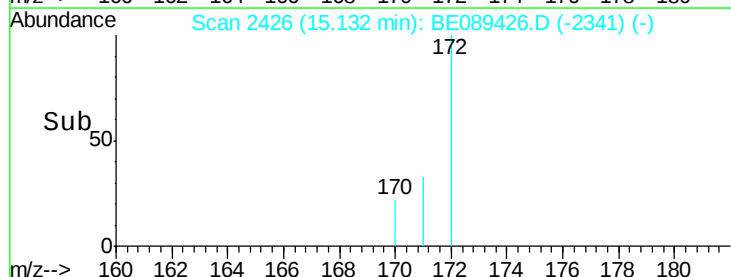
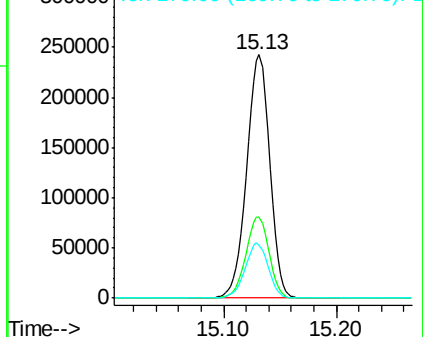
Lab File: BE089426.D

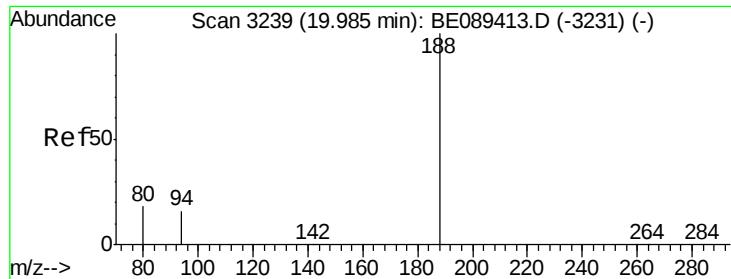
Acq: 30 Jan 2015 00:19

Tgt Ion:	172	Resp:	336791
Ion Ratio	Lower	Upper	
172	100		
171	33.2	26.6	39.8
170	21.7	17.1	25.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E





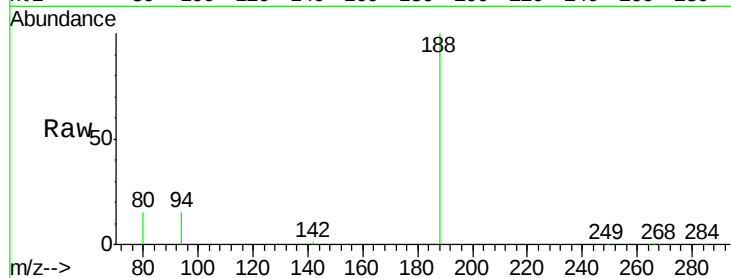
#17
Phenanthrene-d10
Concen: 5.00 ng
RT: 19.99 min Scan# 3240
Delta R.T. 0.01 min
Lab File: BE089426.D
Acq: 30 Jan 2015 00:19

Instrument :
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ClientSampleId :
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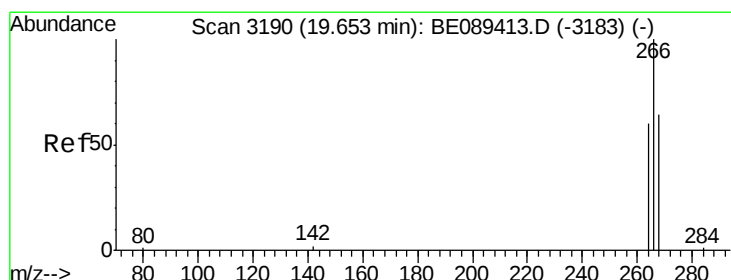
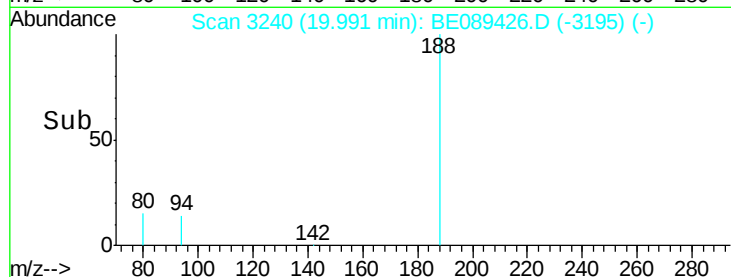
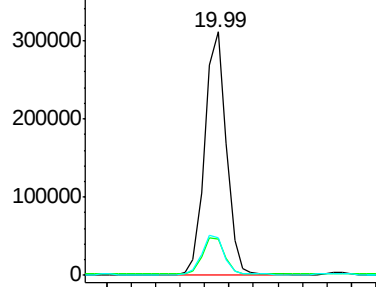
Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	14.8	13.0	19.6
80	15.3	14.2	21.4

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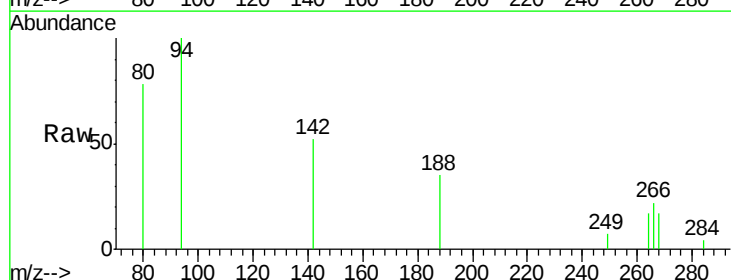


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE
Ion 80.00 (79.70 to 80.70): BE

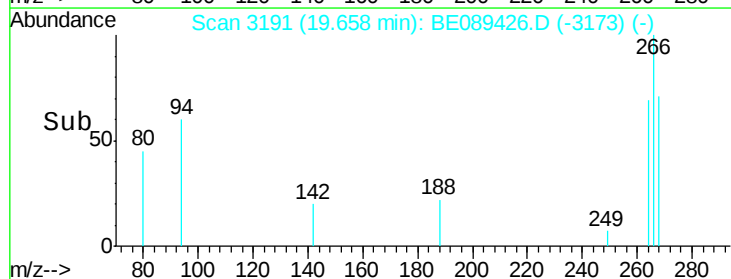
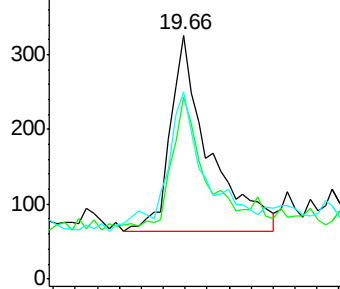


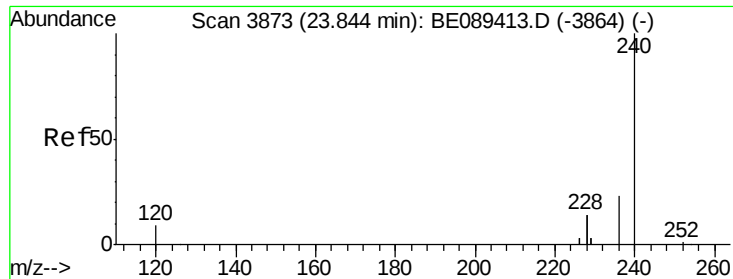
#19
Pentachlorophenol
Concen: 0.18 ng
RT: 19.66 min Scan# 3191
Delta R.T. 0.01 min
Lab File: BE089426.D
Acq: 30 Jan 2015 00:19

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	74.5	51.9	77.9
264	77.0	48.5	72.7



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





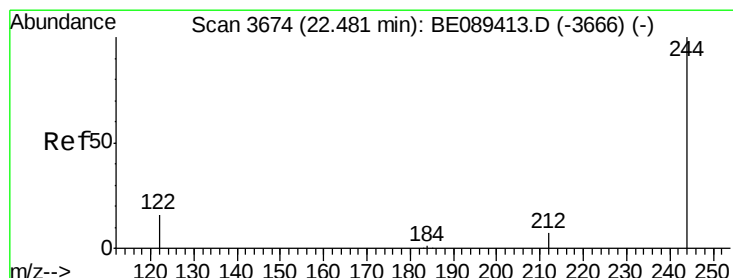
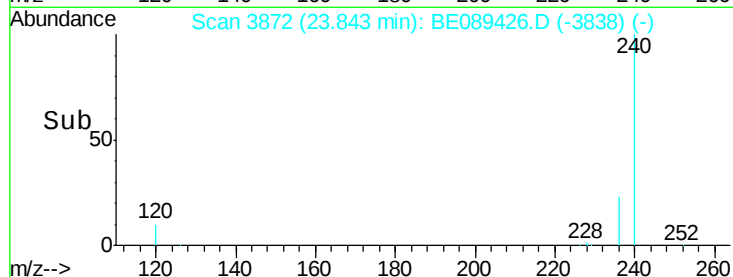
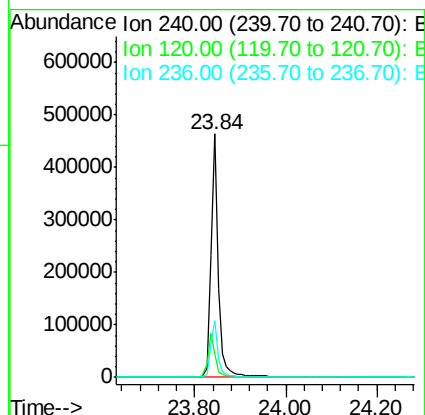
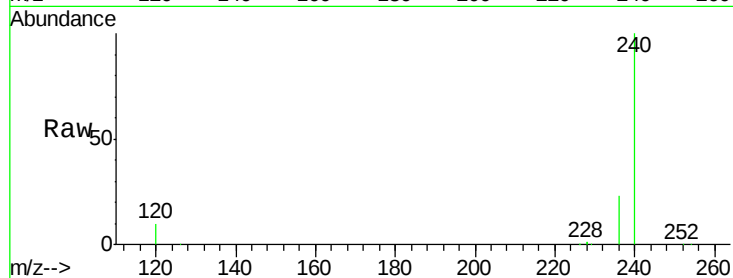
#20
Chrysene-d12
Concen: 5.00 ng
RT: 23.84 min Scan# 3872
Delta R.T. -0.00 min
Lab File: BE089426.D
Acq: 30 Jan 2015 00:19

Instrument :
BNA_E
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MPE-15

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.8	6.9	10.3
236	23.5	18.2	27.2

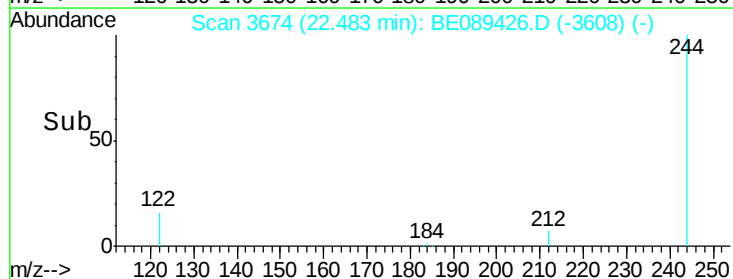
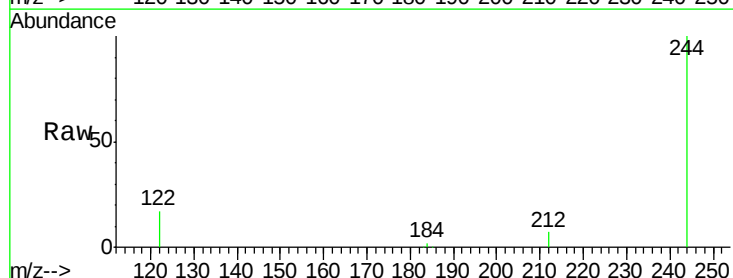
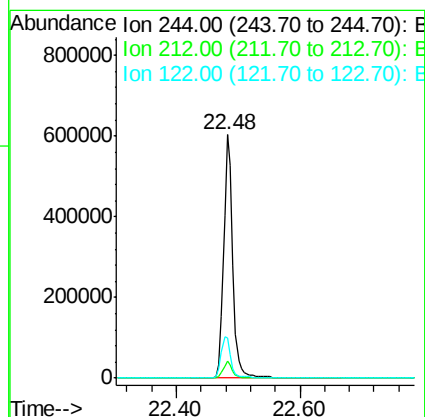
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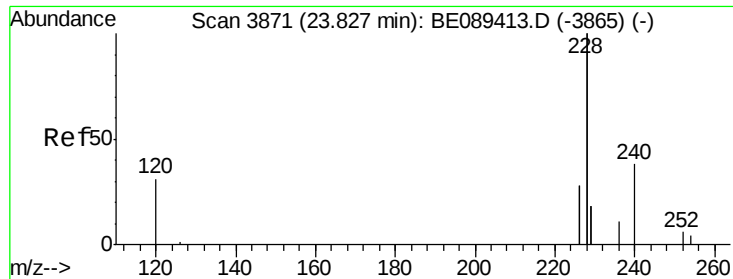
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#22
Terphenyl-d14
Concen: 10.24 ng
RT: 22.48 min Scan# 3674
Delta R.T. 0.00 min
Lab File: BE089426.D
Acq: 30 Jan 2015 00:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	16.6	13.2	19.8





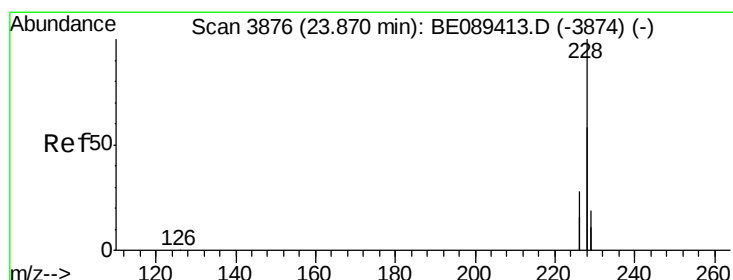
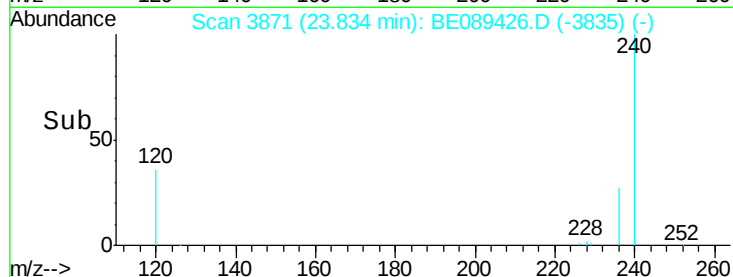
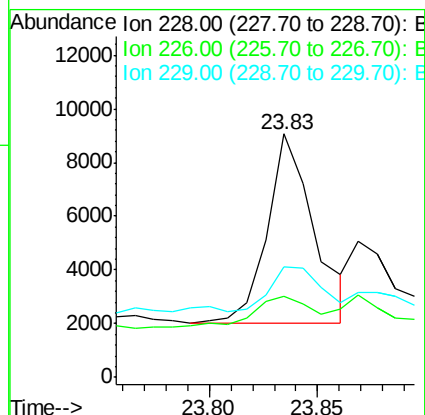
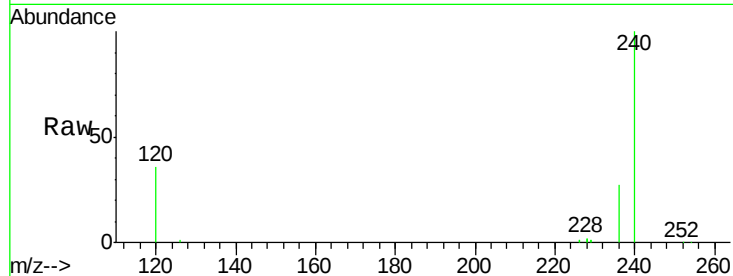
#23
Benzo(a)anthracene
Concen: 0.03 ng
RT: 23.83 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BE089426.D
Acq: 30 Jan 2015 00:19

Instrument :
BNA_E
ClientSampleId :
MPE-15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.2	22.6	33.8
229	45.3	14.5	21.7

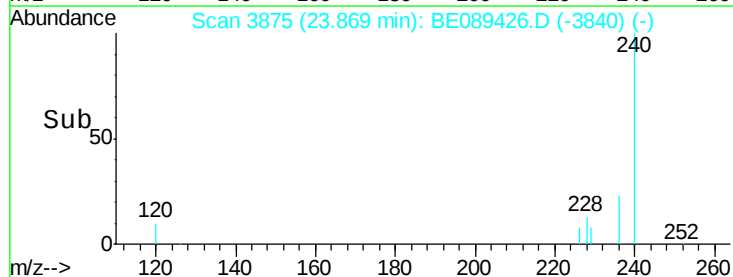
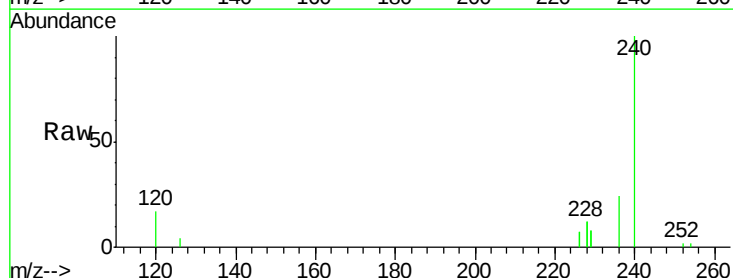
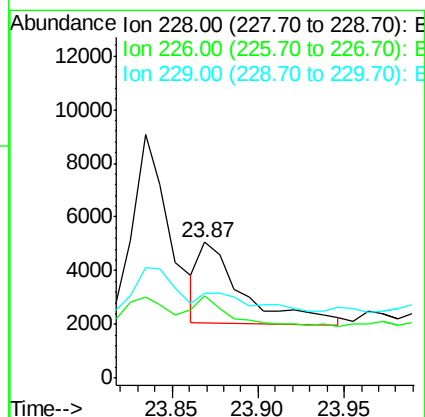
Manual Integrations
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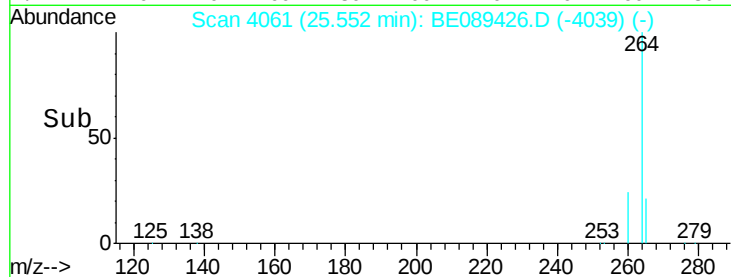
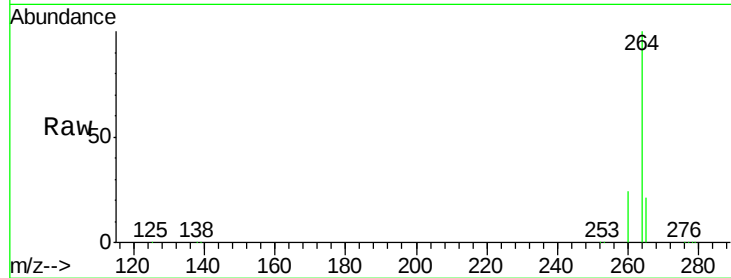
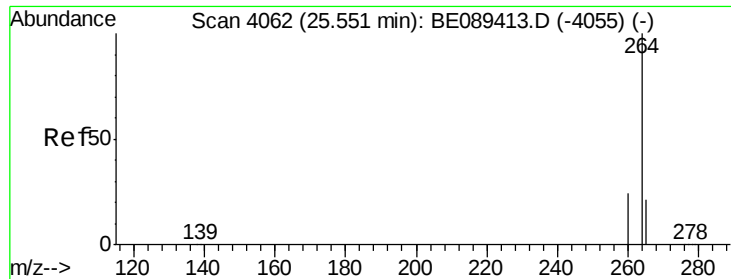
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#25
Chrysene
Concen: 0.01 ng m
RT: 23.87 min Scan# 3875
Delta R.T. -0.00 min
Lab File: BE089426.D
Acq: 30 Jan 2015 00:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	61.0	22.6	33.8
229	63.0	15.5	23.3





#27
Perylene-d12
Concen: 5.00 ng
RT: 25.55 min Scan# 4061
Delta R.T. 0.00 min
Lab File: BE089426.D
Acq: 30 Jan 2015 00:19

Instrument :
BNA_E
ClientSampleId :
MPE-15

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100		567890		
260	24.1	19.4		29.0	
265	21.3	17.1		25.7	

Manual Integrations
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