

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
 Data File : BE089419.D
 Acq On : 29 Jan 2015 18:24
 Operator : TP/IZ
 Sample : G1110-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-48

Manual Integrations
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Quant Time: Jan 30 06:33:38 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	151589	5.00	ng	0.00
7) Naphthalene-d8	12.50	136	585049	5.00	ng	0.00
13) Acenaphthene-d10	16.68	164	276767	5.00	ng	0.00
17) Phenanthrene-d10	19.99	188	531298	5.00	ng	0.00
20) Chrysene-d12	23.84	240	635370	5.00	ng	0.00
27) Perylene-d12	25.55	264	652625	5.00	ng	0.00
System Monitoring Compounds						
3) 2-Fluorophenol	6.74	112	217673	3.82	ng	0.00
4) Phenol-d6	8.85	99	166126	2.45	ng	0.00
8) Nitrobenzene-d5	10.85	82	374515	7.87	ng	0.00
14) 2,4,6-Tribromophenol	18.58	330	107963	14.14	ng	0.00
15) 2-Fluorobiphenyl	15.13	172	540222	7.00	ng	0.00
22) Terphenyl-d14	22.48	244	811727	11.05	ng	0.00
Target Compounds						
5) Phenol	8.87	94	20202	0.27	ng	Qvalue 90
23) Benzo(a)anthracene	23.83	228	9967	0.02	ng	# 76
25) Chrysene	23.87	228	5246m	0.01	ng	

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

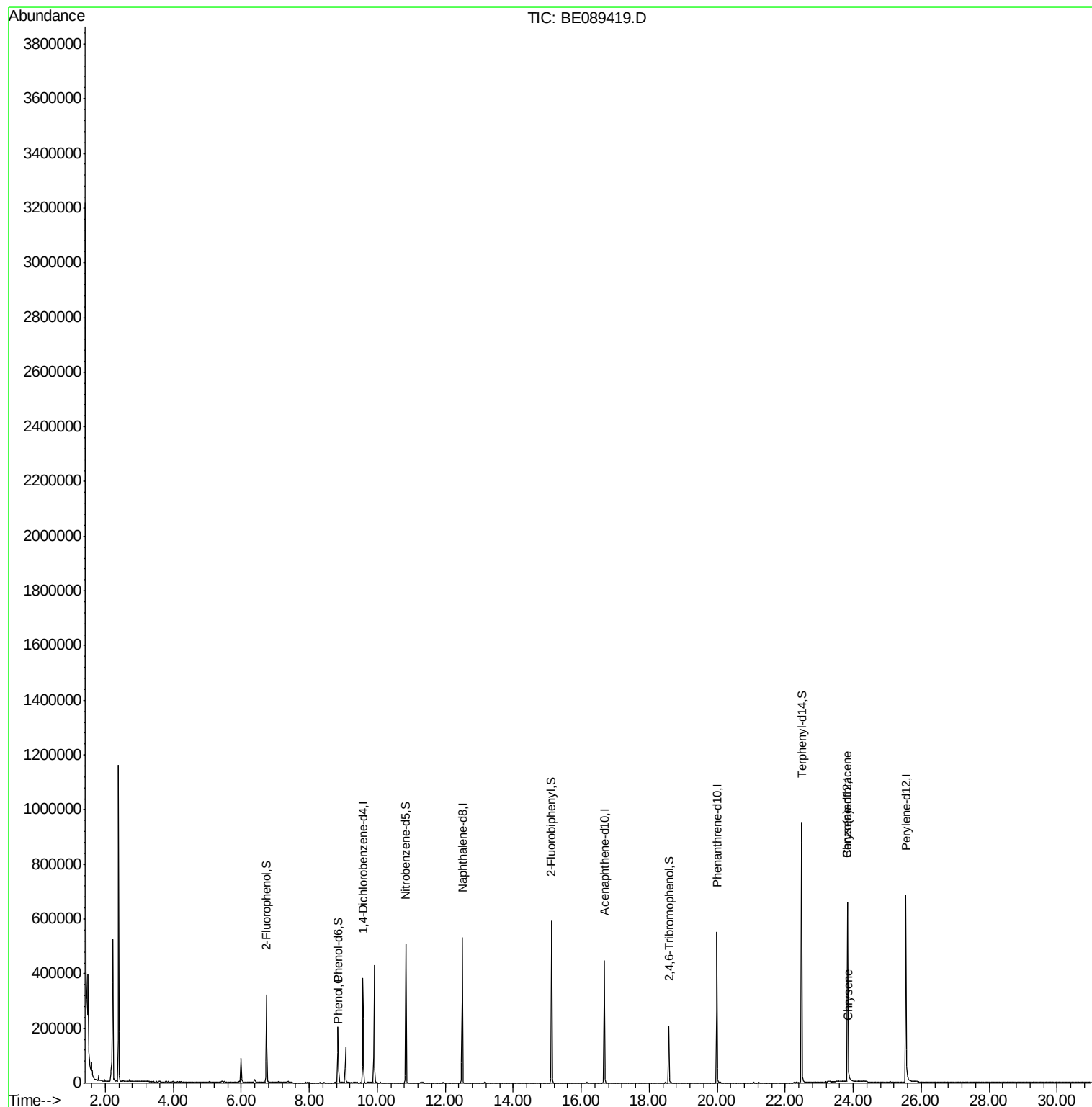
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE012915\
Data File : BE089419.D
Acq On : 29 Jan 2015 18:24
Operator : TP/IZ
Sample : G1110-06
Misc :
ALS Vial : 18 Sample Multiplier: 1

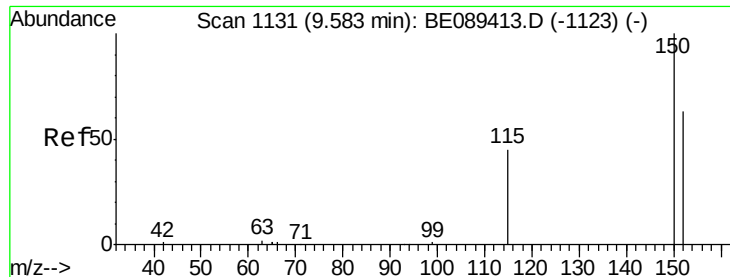
Instrument :
BNA_E
ClientSampleId :
MW-48

Quant Time: Jan 30 06:33:38 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

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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: BE089419.D

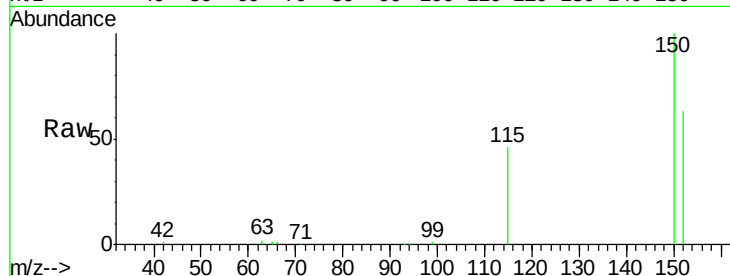
Acq: 29 Jan 2015 18:24

Instrument :

BNA_E

ClientSampled :

MW-48



Tgt Ion:152 Resp: 151589

Ion Ratio Lower Upper

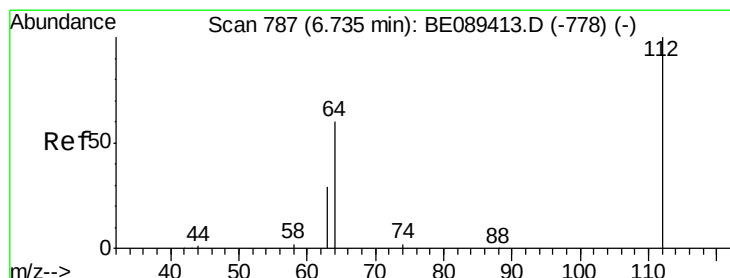
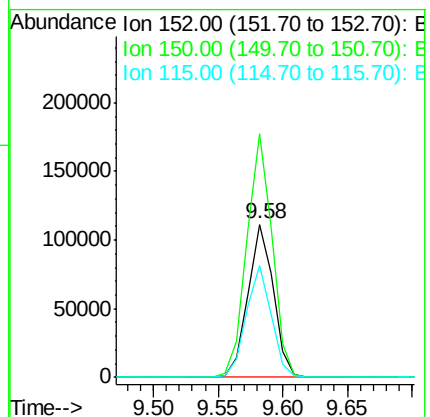
152 100

150 158.8 126.1 189.1

115 73.2 57.1 85.7

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#3

2-Fluorophenol

Concen: 3.82 ng

RT: 6.74 min Scan# 787

Delta R.T. 0.00 min

Lab File: BE089419.D

Acq: 29 Jan 2015 18:24

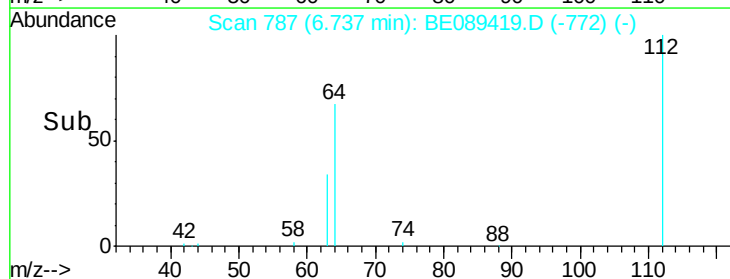
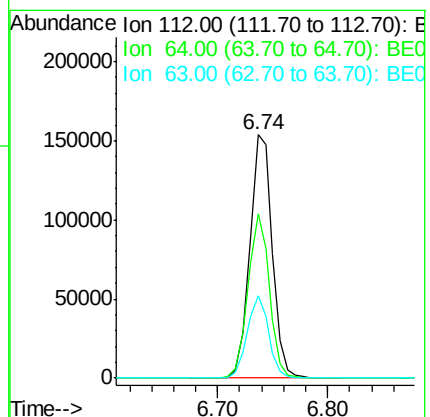
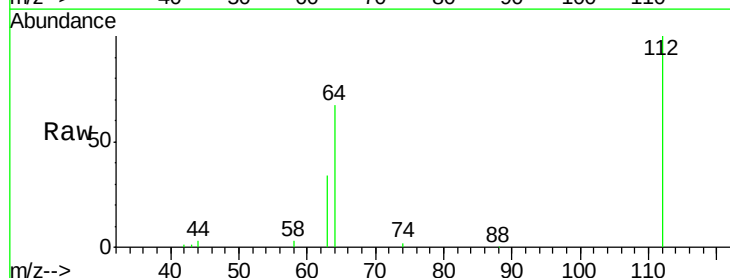
Tgt Ion:112 Resp: 217673

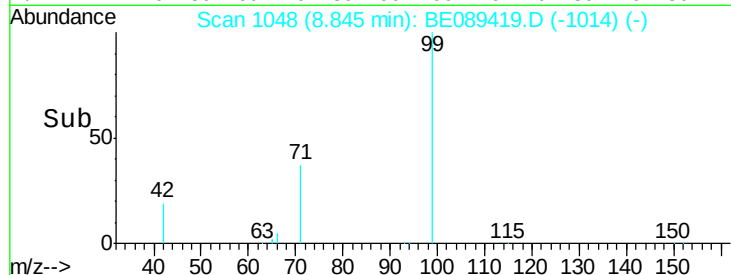
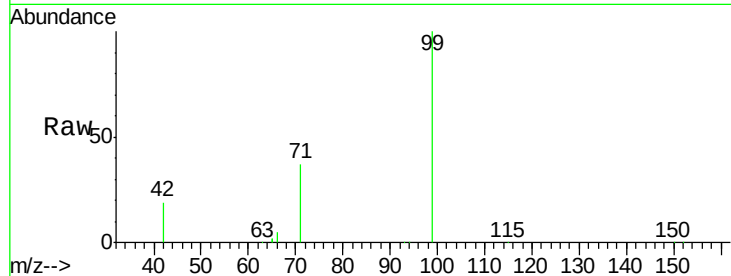
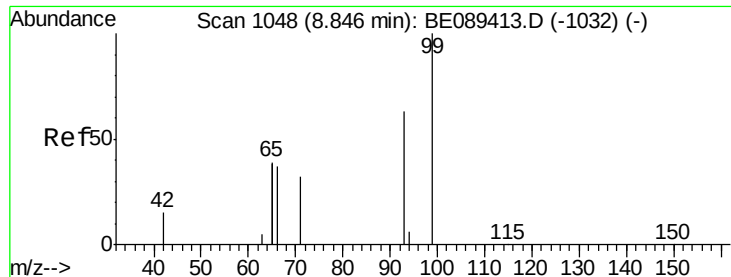
Ion Ratio Lower Upper

112 100

64 67.5 48.2 72.4

63 34.0 23.5 35.3





#4

Phenol-d6

Concen: 2.45 ng

RT: 8.85 min Scan# 1048

Delta R.T. -0.00 min

Lab File: BE089419.D

Acq: 29 Jan 2015 18:24

Tgt Ion:	99	Resp:	166126
Ion Ratio	Lower	Upper	
99	100		
42	18.9	11.9	17.9#
71	36.9	25.8	38.6

Instrument :

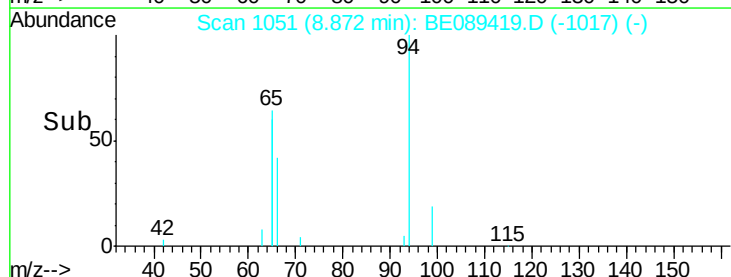
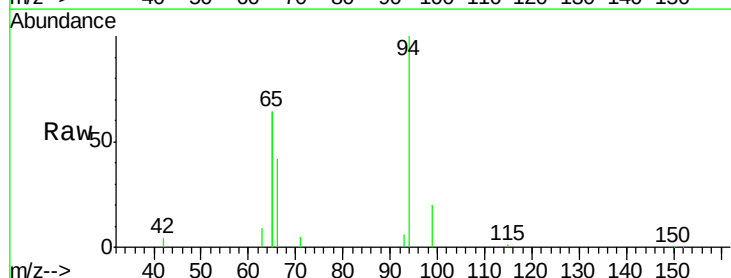
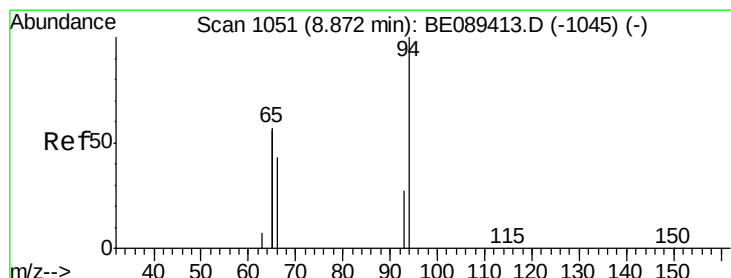
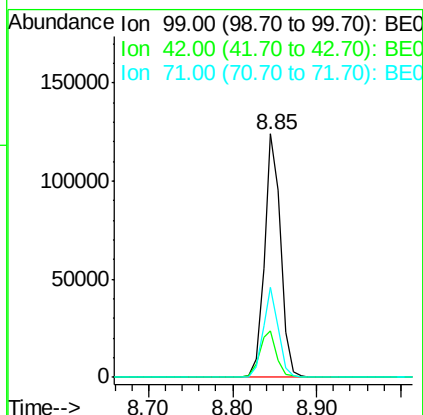
BNA_E

ClientSampleId :

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#5

Phenol

Concen: 0.27 ng

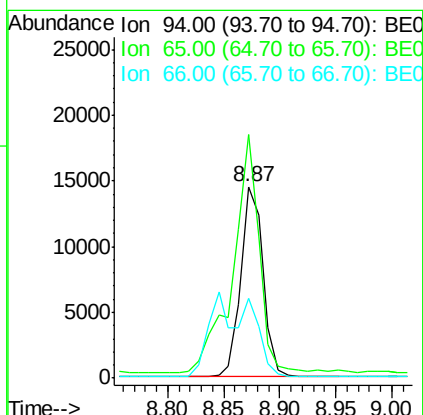
RT: 8.87 min Scan# 1051

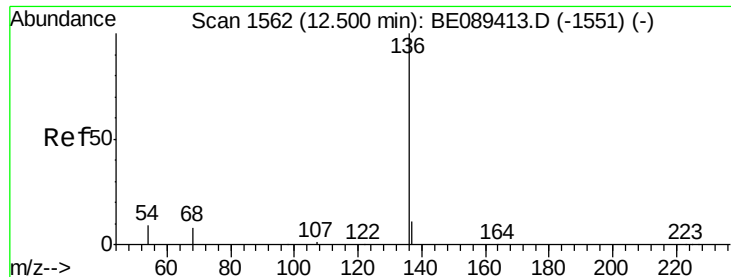
Delta R.T. -0.00 min

Lab File: BE089419.D

Acq: 29 Jan 2015 18:24

Tgt Ion:	94	Resp:	20202
Ion Ratio	Lower	Upper	
94	100		
65	127.3	93.3	133.3
66	41.9	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: BE089419.D

Acq: 29 Jan 2015 18:24

Instrument :

BNA_E

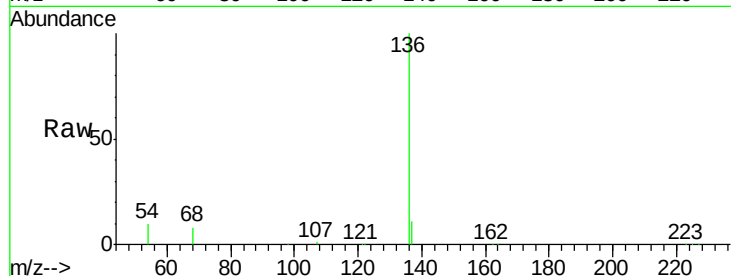
ClientSampled :

MW-48

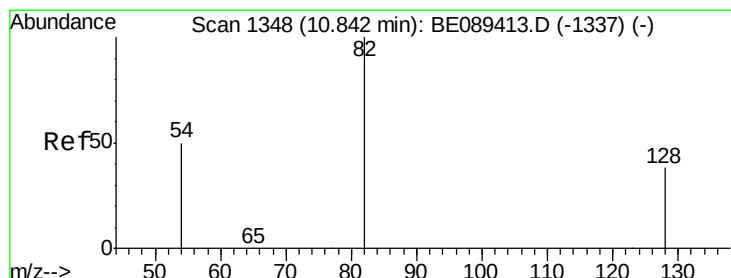
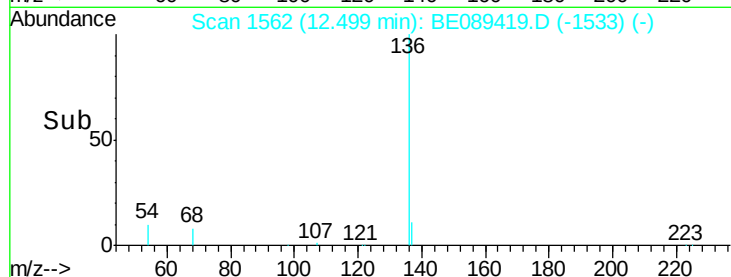
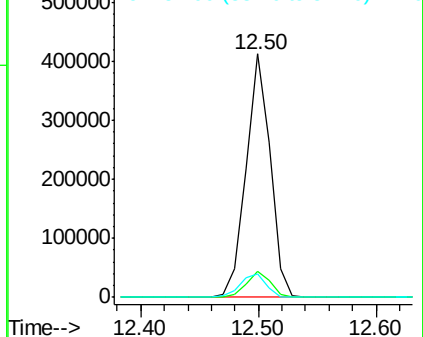
Tgt	Ion	136	Resp:	585049
Ion	Ratio	100	Lower	Upper
136	100			
137	10.6	8.6	12.8	
54	9.8	7.5	11.3	

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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: 7.87 ng

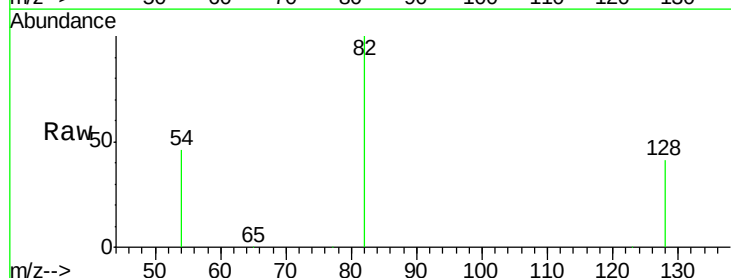
RT: 10.85 min Scan# 1349

Delta R.T. 0.01 min

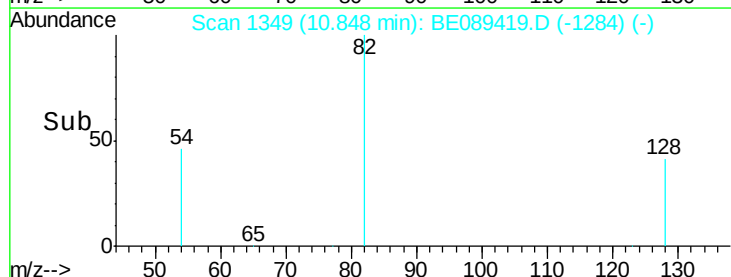
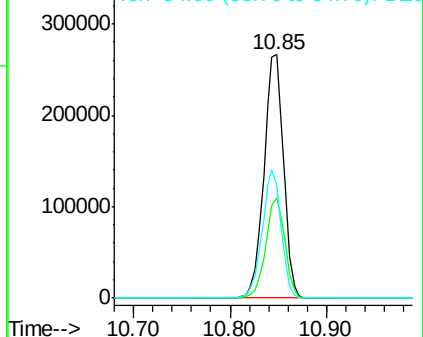
Lab File: BE089419.D

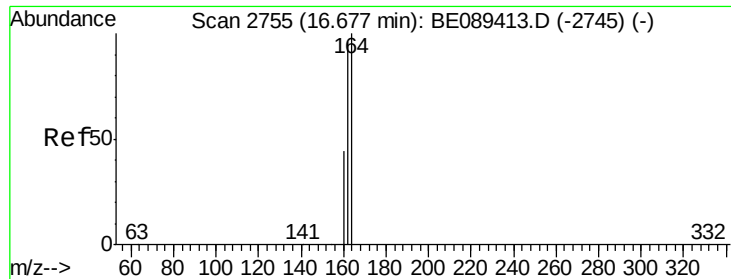
Acq: 29 Jan 2015 18:24

Tgt	Ion	82	Resp:	374515
Ion	Ratio	100	Lower	Upper
82	100			
128	41.3	31.0	46.4	
54	46.4	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





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 16.68 min Scan# 2755

Delta R.T. -0.00 min

Lab File: BE089419.D

Acq: 29 Jan 2015 18:24

Instrument :

BNA_E

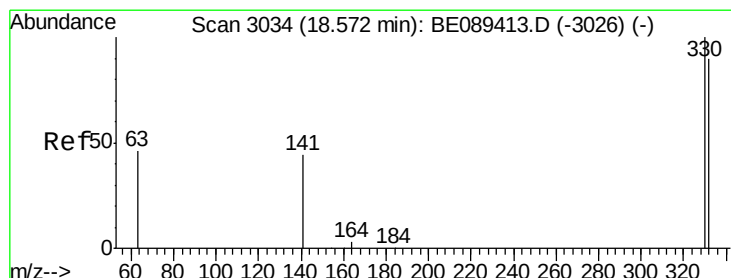
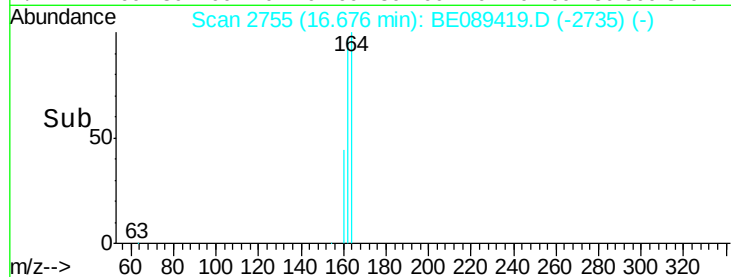
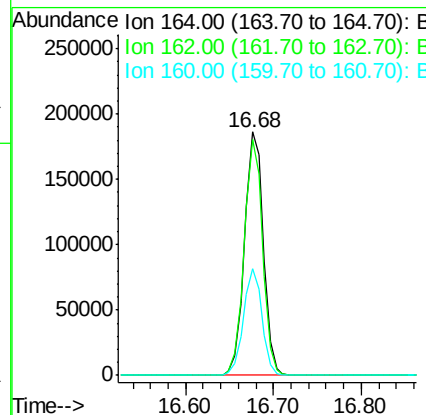
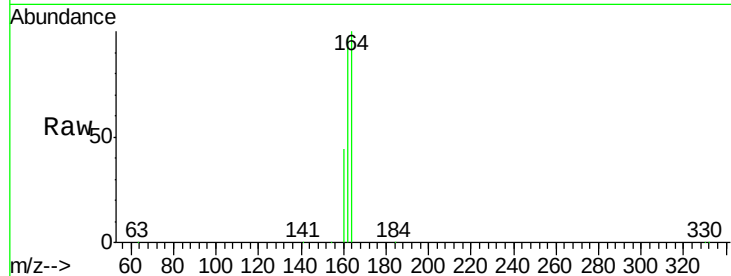
ClientSampled :

MW-48

Tgt Ion:	164	Resp:	276767
Ion Ratio		Lower	Upper
164	100		
162	96.7	77.0	115.6
160	43.7	35.0	52.4

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#14

2,4,6-Tribromophenol

Concen: 14.14 ng

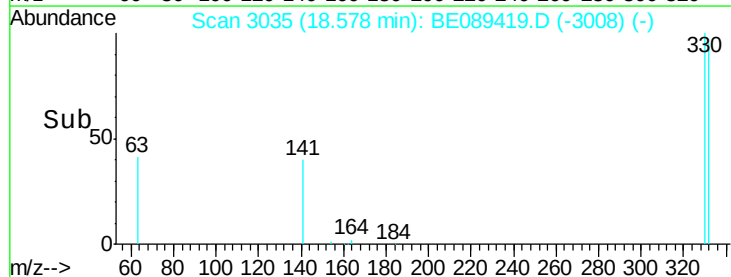
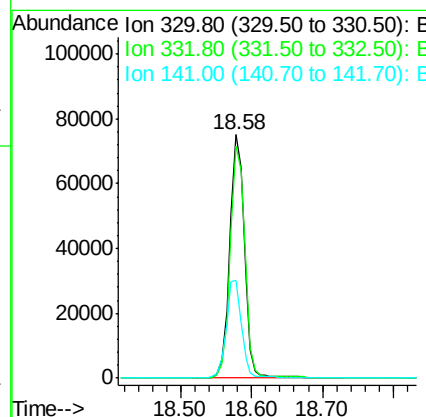
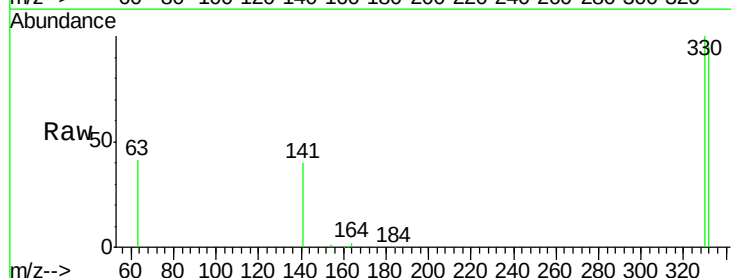
RT: 18.58 min Scan# 3035

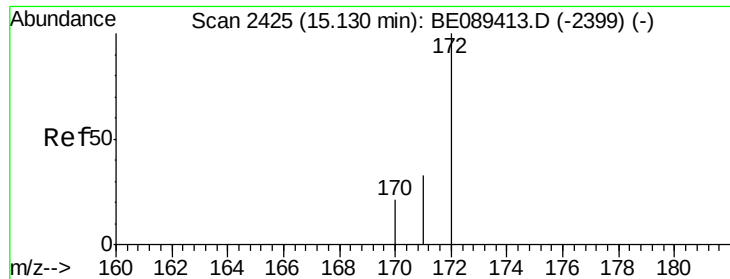
Delta R.T. 0.01 min

Lab File: BE089419.D

Acq: 29 Jan 2015 18:24

Tgt Ion:	330	Resp:	107963
Ion Ratio		Lower	Upper
330	100		
332	96.5	76.0	114.0
141	41.9	35.6	53.4





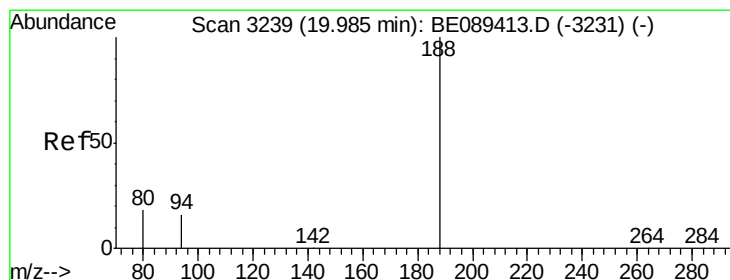
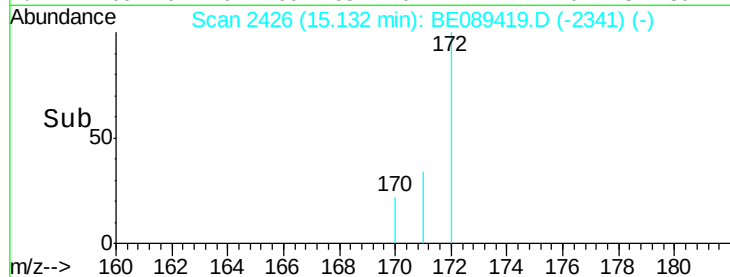
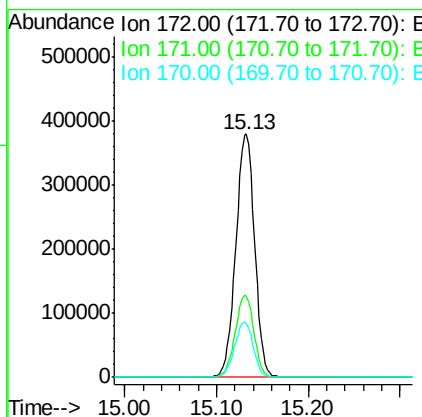
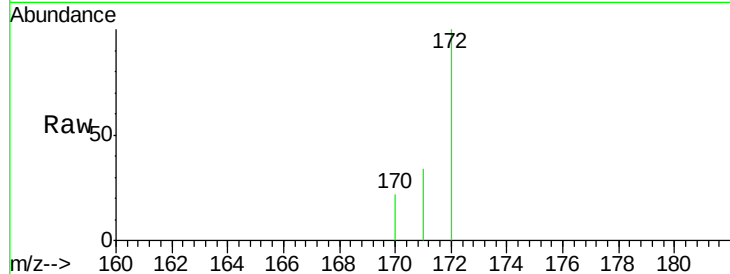
#15
 2-Fluorobiphenyl
 Concen: 7.00 ng
 RT: 15.13 min Scan# 2426
 Delta R.T. 0.00 min
 Lab File: BE089419.D
 Acq: 29 Jan 2015 18:24

Instrument :
 BNA_E
 ClientSampled :
 MW-48

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.5	26.6	39.8
170	22.1	17.1	25.7

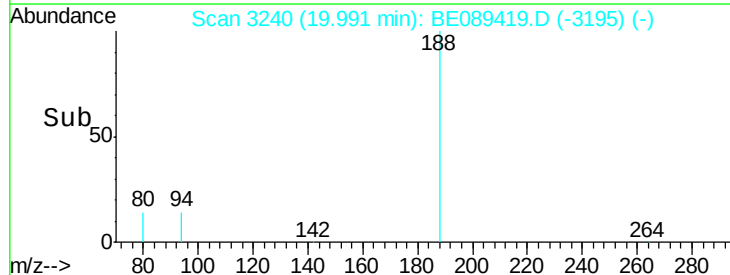
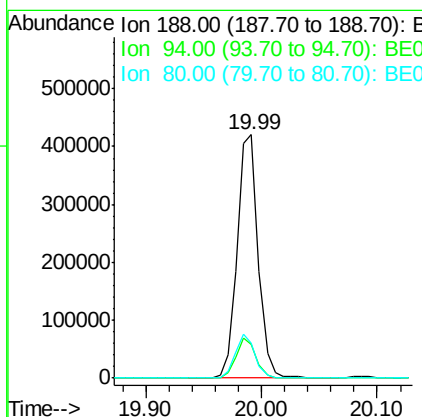
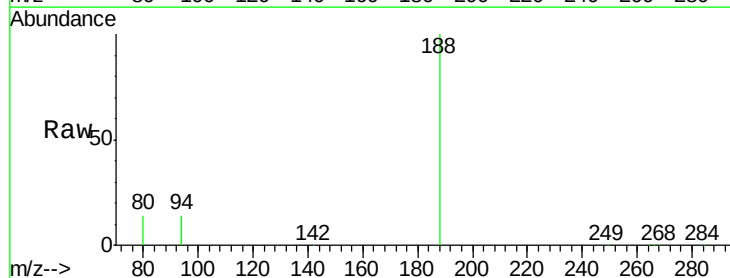
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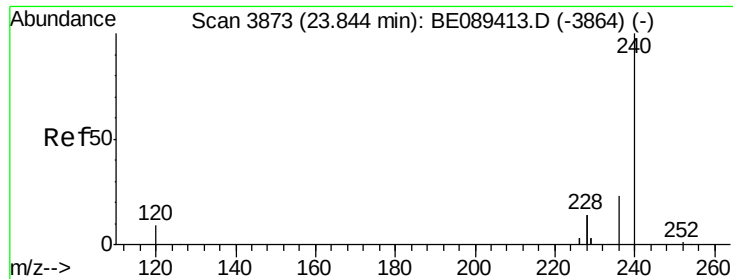
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#17
 Phenanthrene-d10
 Concen: 5.00 ng
 RT: 19.99 min Scan# 3240
 Delta R.T. 0.01 min
 Lab File: BE089419.D
 Acq: 29 Jan 2015 18:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.0	13.0	19.6
80	14.4	14.2	21.4





#20

Chrysene-d12

Concen: 5.00 ng

RT: 23.84 min Scan# 3872

Delta R.T. -0.00 min

Lab File: BE089419.D

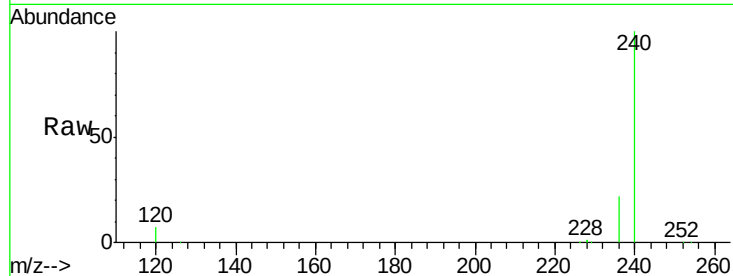
Acq: 29 Jan 2015 18:24

Instrument :

BNA_E

ClientSampleId :

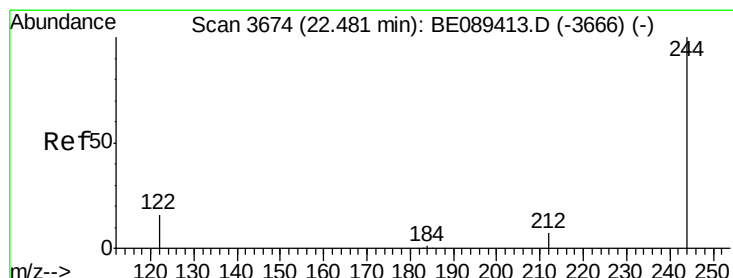
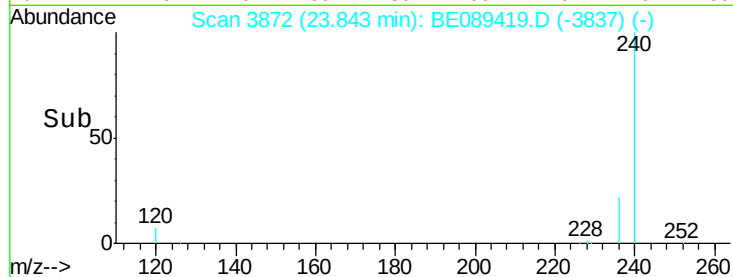
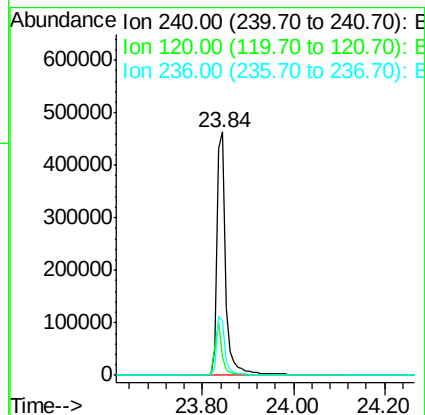
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Tgt Ion:	240	Resp:	635370
Ion Ratio	Lower	Upper	
240	100		
120	7.4	6.9	10.3
236	22.2	18.2	27.2

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#22

Terphenyl-d14

Concen: 11.05 ng

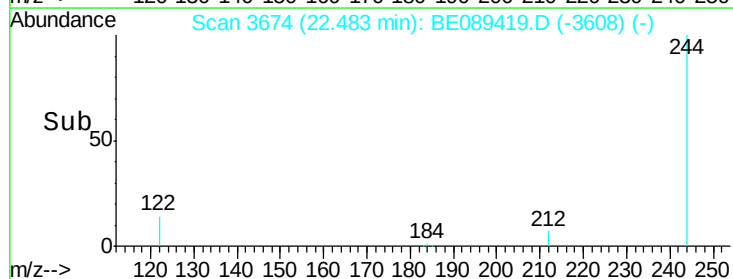
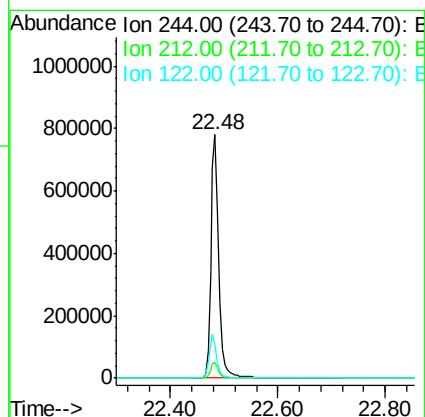
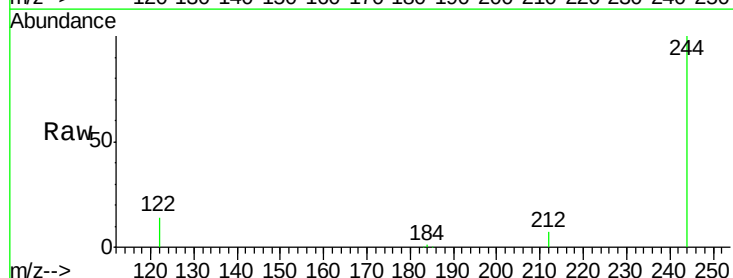
RT: 22.48 min Scan# 3674

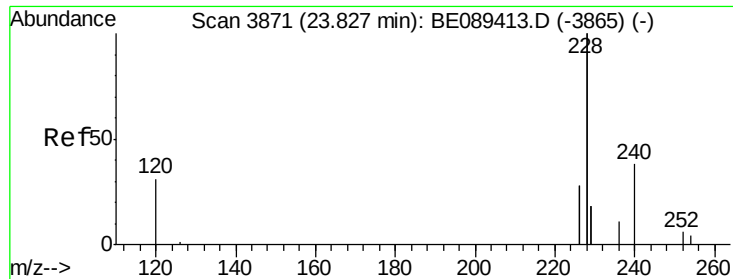
Delta R.T. 0.00 min

Lab File: BE089419.D

Acq: 29 Jan 2015 18:24

Tgt Ion:	244	Resp:	811727
Ion Ratio	Lower	Upper	
244	100		
212	6.6	5.4	8.0
122	13.8	13.2	19.8





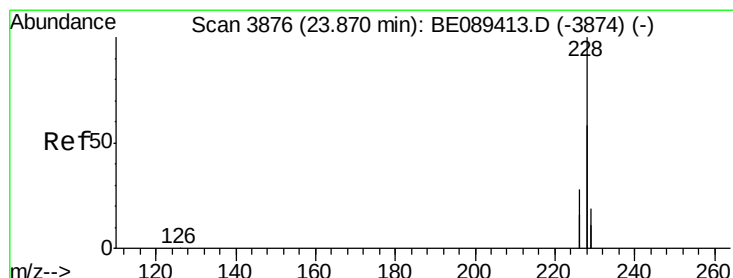
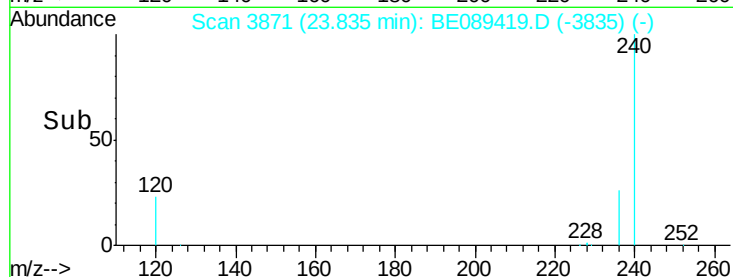
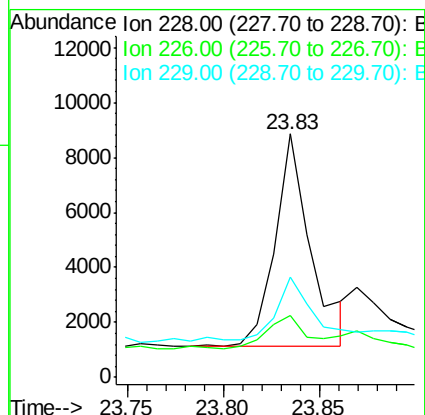
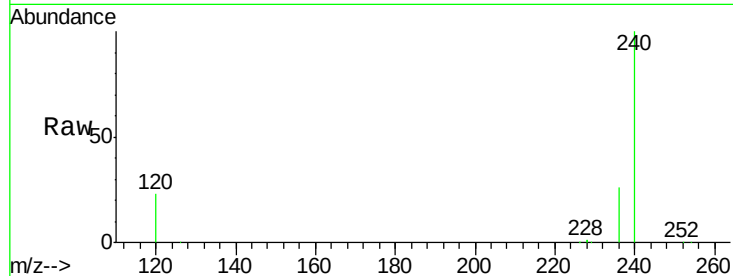
#23
Benzo(a)anthracene
Concen: 0.02 ng
RT: 23.83 min Scan# 3871
Delta R.T. 0.01 min
Lab File: BE089419.D
Acq: 29 Jan 2015 18:24

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
228	100		
226	25.3	22.6	33.8
229	41.3	14.5	21.7#

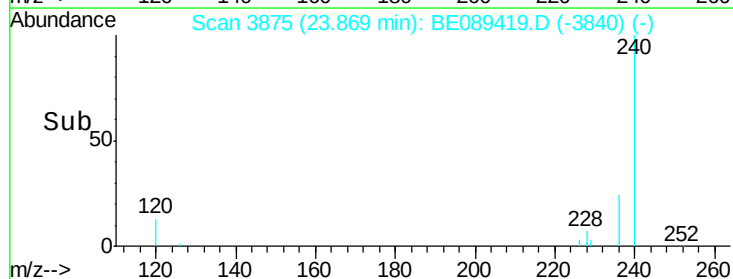
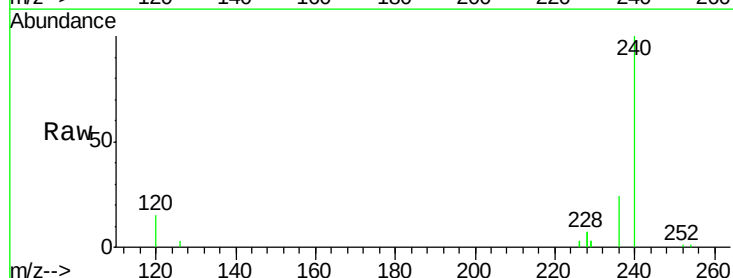
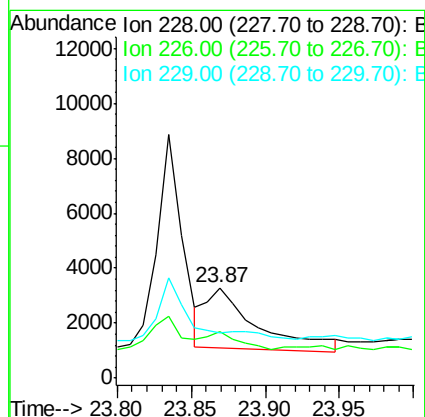
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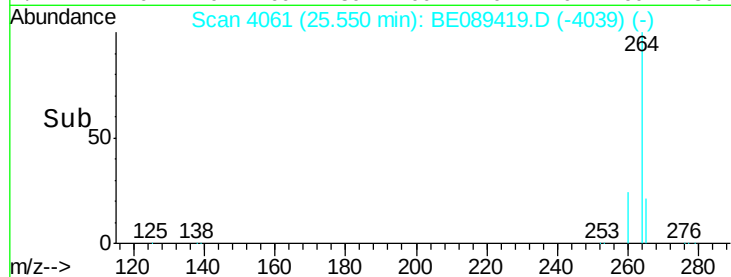
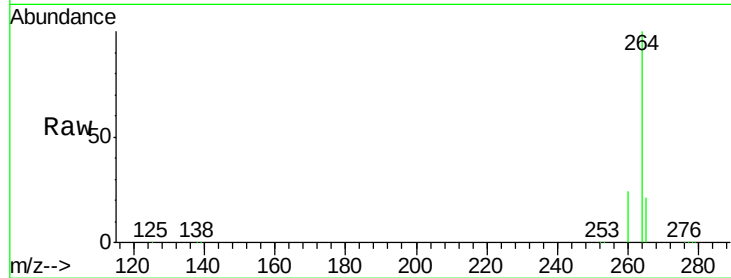
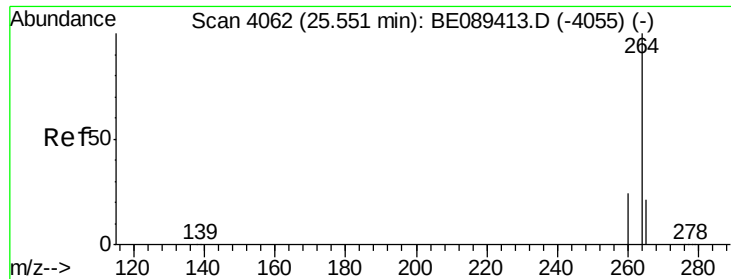
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#25
Chrysene
Concen: 0.01 ng m
RT: 23.87 min Scan# 3875
Delta R.T. -0.00 min
Lab File: BE089419.D
Acq: 29 Jan 2015 18:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	51.5	22.6	33.8#
229	50.4	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: BE089419.D
Acq: 29 Jan 2015 18:24

Instrument :
BNA_E
ClientSampleId :
MW-48

Tgt	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.9	19.4	29.0		
265	21.3	17.1	25.7		

Manual Integrations
APPROVED

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