

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
 Data File : BE091691.D
 Acq On : 20 Apr 2016 18:53
 Operator : UM/SJ
 Sample : H1739-05 50X
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

Manual Integrations
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 4/21/2016 10:35:28 AM

Quant Time: Apr 21 10:38:18 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 20 18:55:38 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	27161	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	131668	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	79576	5.00	ng	0.00
19) Phenanthrene-d10	17.15	188	199227	5.00	ng	0.00
26) Chrysene-d12	21.31	240	202800	5.00	ng	0.00
35) Perylene-d12	23.75	264	184755	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	18164	3.02	ng	-0.02
5) Phenol-d6	6.96	99	24943	3.07	ng	-0.02
8) Nitrobenzene-d5	8.96	82	13554	1.93	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	6412	2.68	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	47030	2.14	ng	-0.01
29) Terphenyl-d14	19.76	244	70403	2.19	ng	0.00
Target Compounds						Qvalue
3) n-Nitrosodimethylamine	3.64	42	12516	3.21	ng	# 95
6) bis(2-Chloroethyl)ether	7.21	93	18833	2.58	ng	# 76
9) Nitrobenzene	8.99	77	12665	1.80	ng	97
10) Naphthalene	10.63	128	14271	0.53	ng	98
12) 2-Methylnaphthalene	12.24	142	25140	1.46	ng	96
17) Acenaphthene	14.47	154	51814	2.64	ng	88
18) Fluorene	15.46	166	67622	2.78	ng	99
20) 4-Bromophenyl-phenylether	16.34	248	3298	0.49	ng	95
21) Hexachlorobenzene	16.46	284	8990	1.23	ng	97
23) Phenanthrene	17.18	178	184406	4.12	ng	99
24) Anthracene	17.27	178	32069	0.80	ng	98
25) Fluoranthene	19.20	202	86659	1.96	ng	98
30) Benzo(a)anthracene	21.29	228	1046m	0.02	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	42113	3.54	ng	# 57
34) Indeno(1,2,3-cd)pyrene	26.31	276	38677	0.80	ng	# 90
36) Benzo(b)fluoranthene	23.00	252	150715	3.40	ng	# 97
39) Dibenzo(a,h)anthracene	26.32	278	1973	0.05	ng	# 86

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

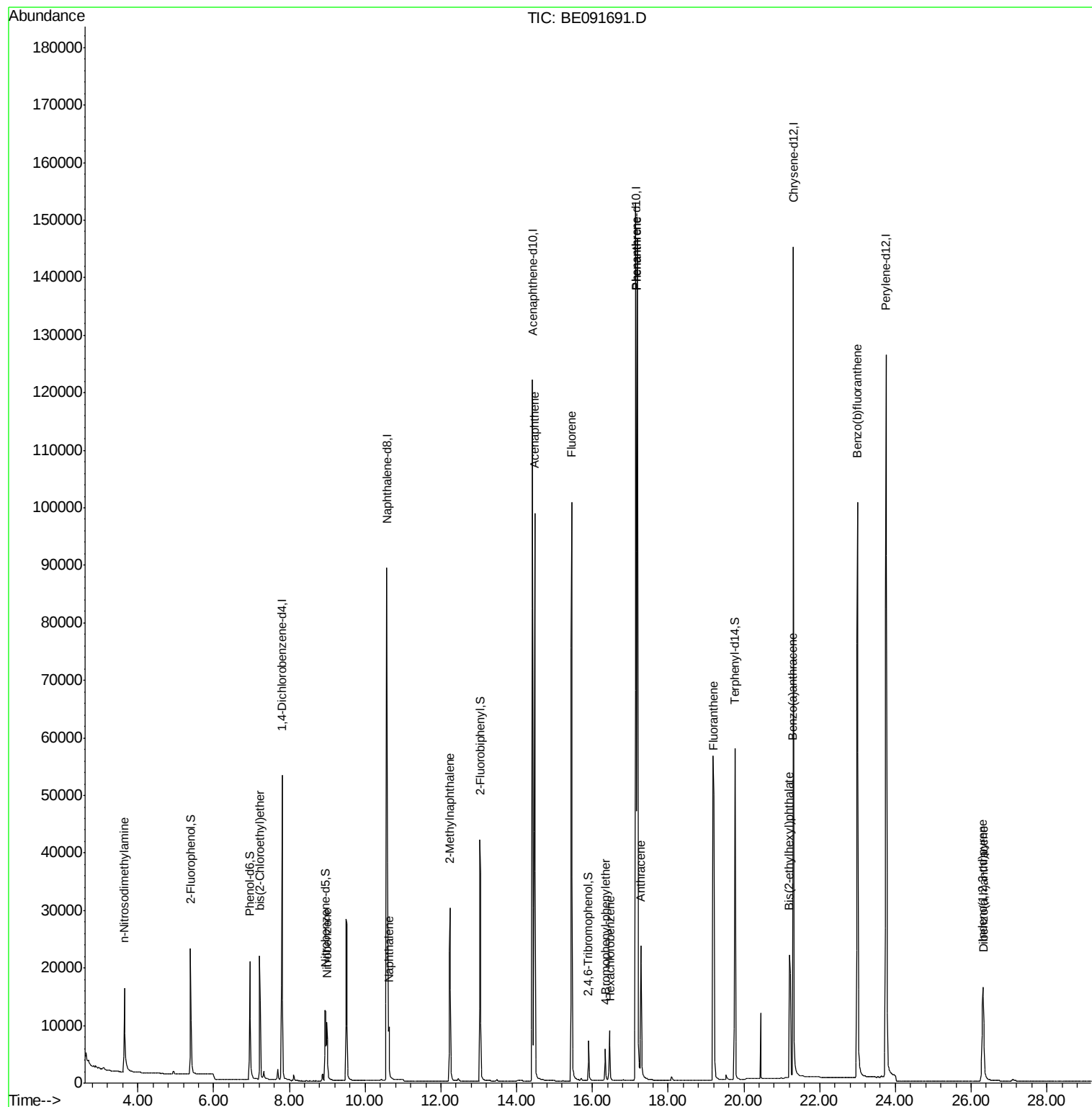
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042016\
Data File : BE091691.D
Acq On : 20 Apr 2016 18:53
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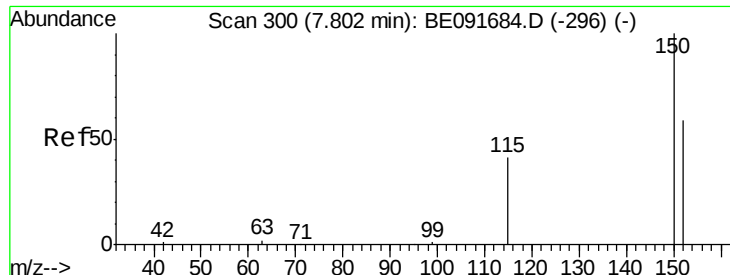
Instrument :
BNA_E
ClientSampleID :
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Quant Time: Apr 21 10:38:18 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

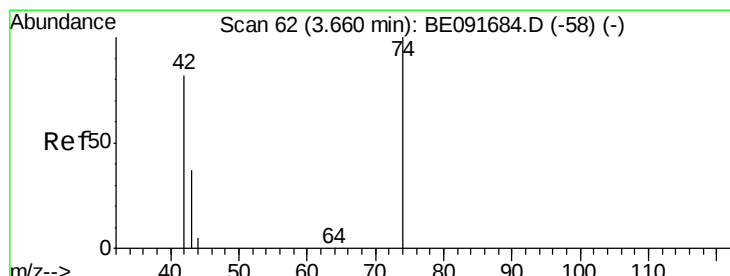
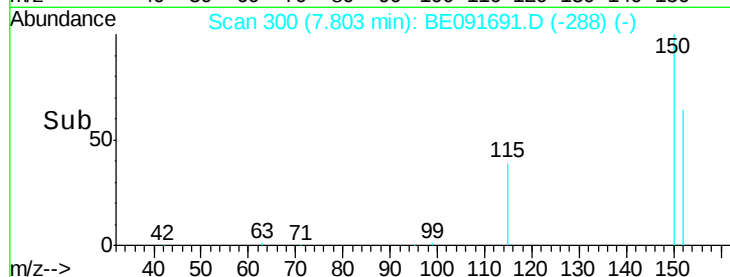
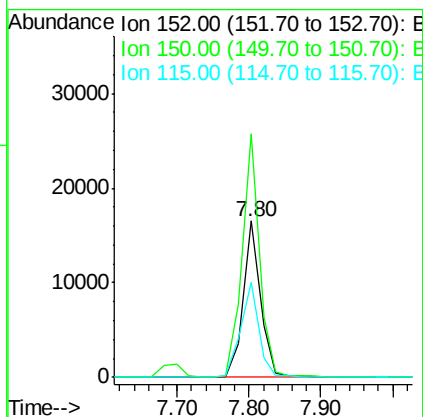
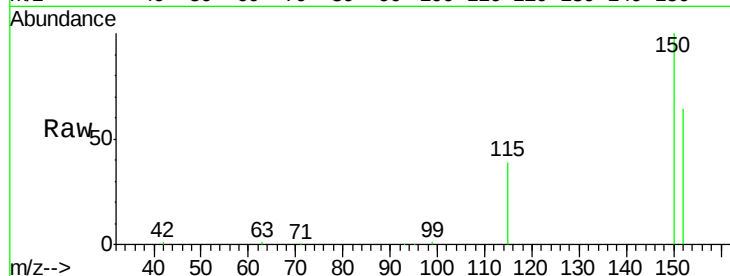
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.80 min Scan# 300
Delta R.T. 0.00 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	122.6	183.8
115	61.1	52.8	79.2

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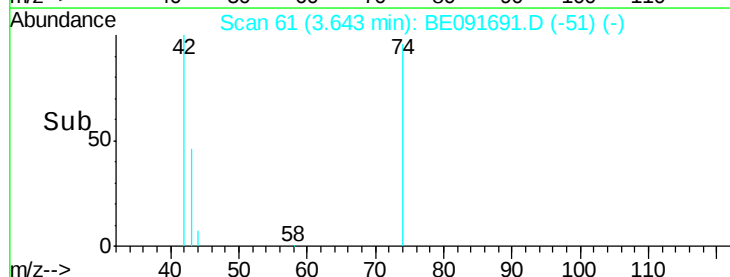
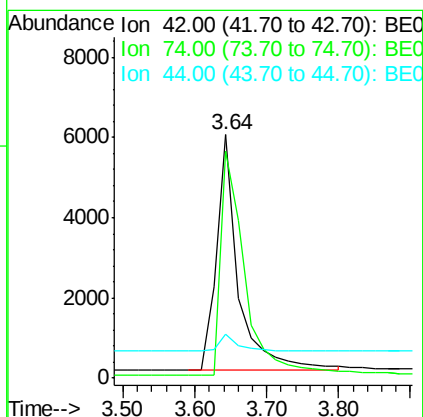
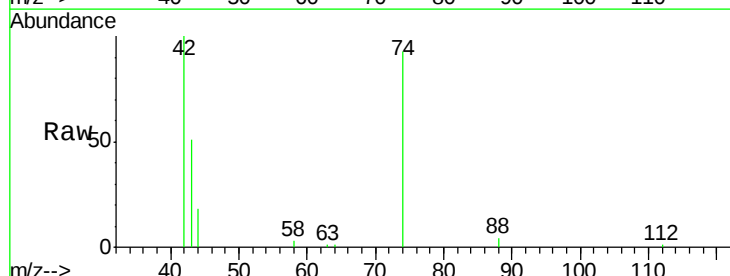
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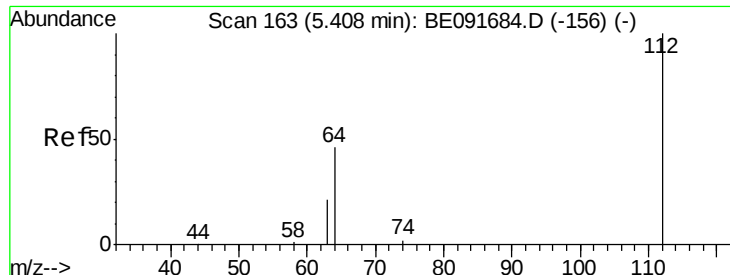


#3

n-Nitrosodimethylamine
Concen: 3.21 ng
RT: 3.64 min Scan# 61
Delta R.T. -0.02 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Tgt Ion	Ratio	Lower	Upper
42	100		
74	104.5	87.9	131.9
44	6.4	6.6	9.8#





#4

2-Fluorophenol

Concen: 3.02 ng

RT: 5.39 min Scan# 162

Delta R.T. -0.02 min

Lab File: BE091691.D

Acq: 20 Apr 2016 18:53

Instrument :

BNA_E

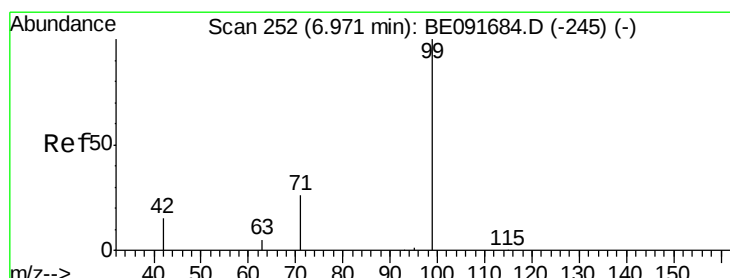
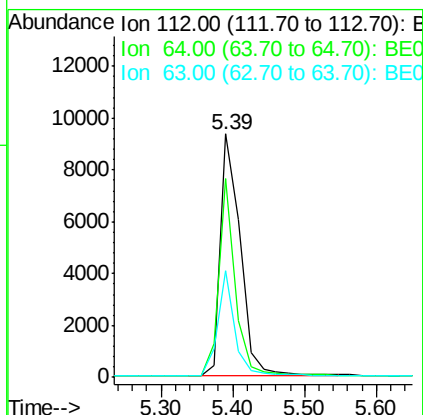
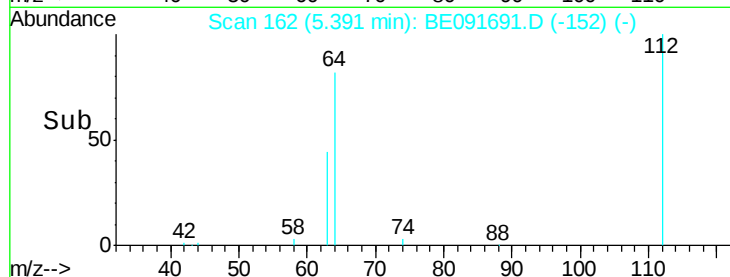
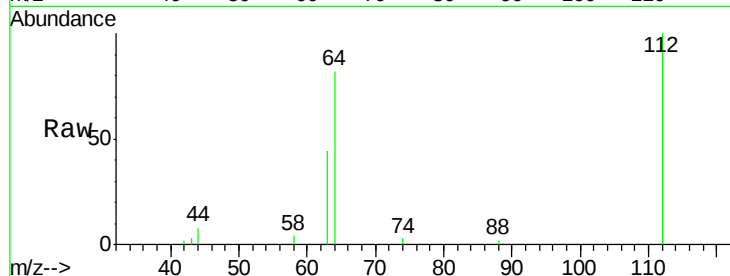
ClientSampleId :

PT-BN-WP

Tot Ion:	112	Resp:	18164
Ion Ratio	Lower	Upper	
112	100		
64	67.9	30.9	46.3#
63	37.0	16.7	25.1#

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#5

Phenol-d6

Concen: 3.07 ng

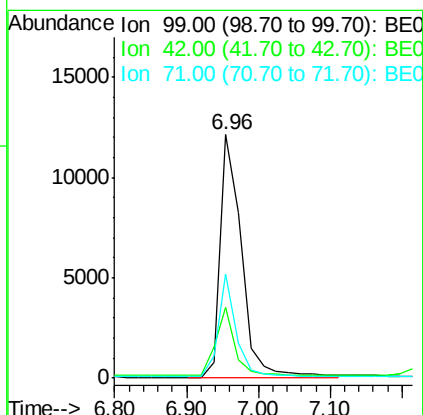
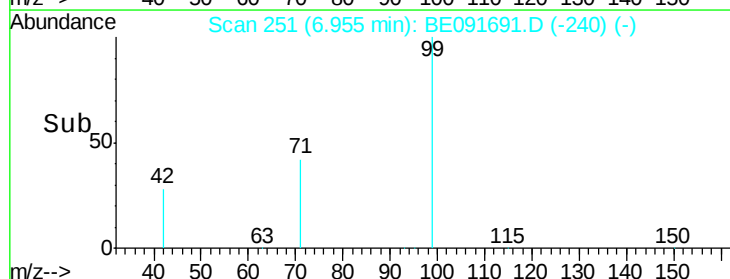
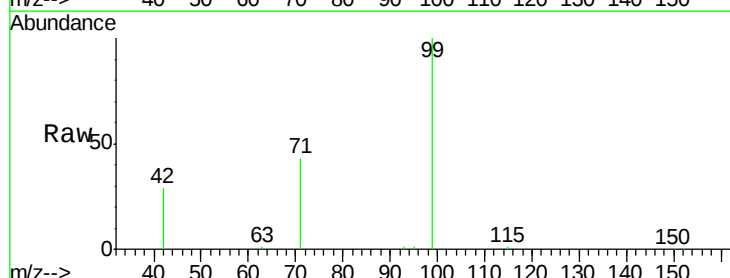
RT: 6.96 min Scan# 251

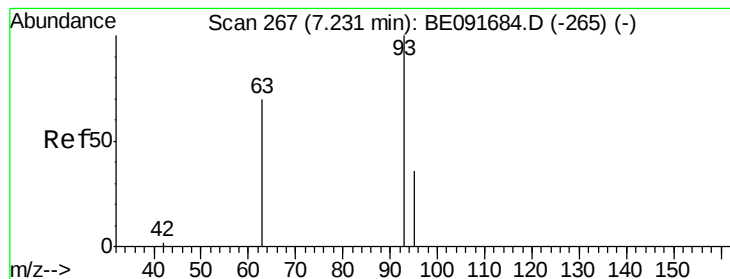
Delta R.T. -0.02 min

Lab File: BE091691.D

Acq: 20 Apr 2016 18:53

Tgt Ion:	99	Resp:	24943
Ion Ratio	Lower	Upper	
99	100		
42	25.6	16.2	24.2#
71	36.2	29.0	43.4





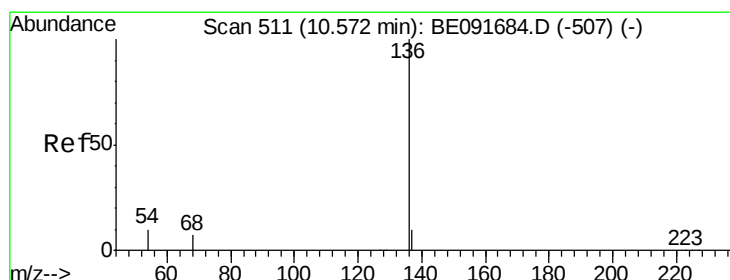
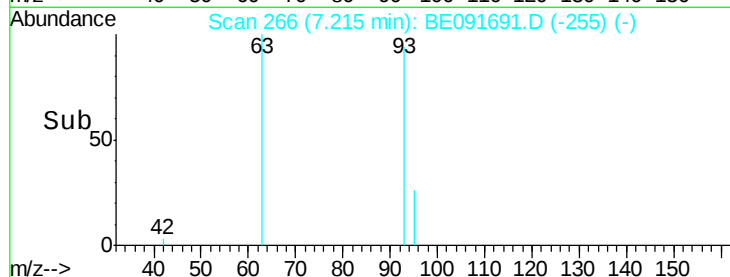
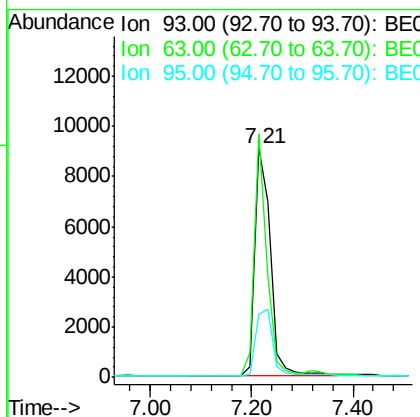
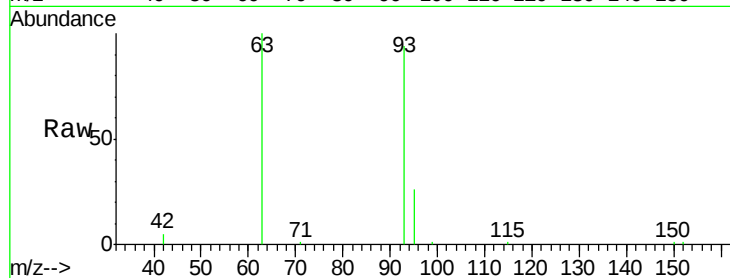
#6
bis(2-Chloroethyl)ether
Concen: 2.58 ng
RT: 7.21 min Scan# 266
Delta R.T. -0.02 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Lower	Upper
93	100		
63	85.5	49.5	74.3#
95	31.7	22.2	33.4

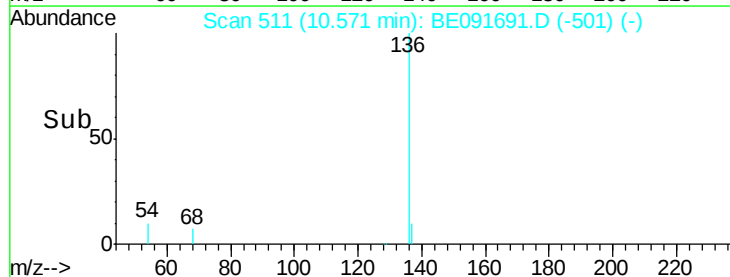
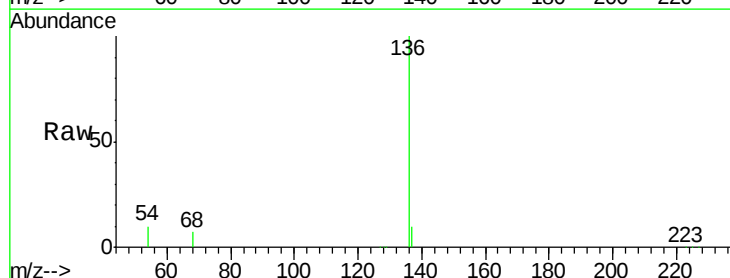
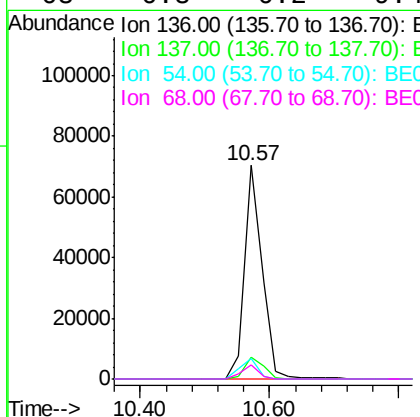
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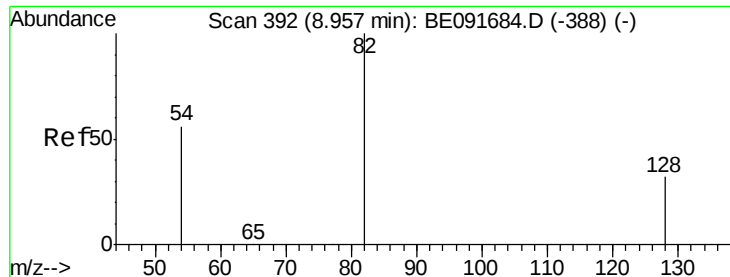
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#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.57 min Scan# 511
Delta R.T. -0.00 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.9	13.3
54	9.8	8.2	12.4
68	6.8	6.2	9.4





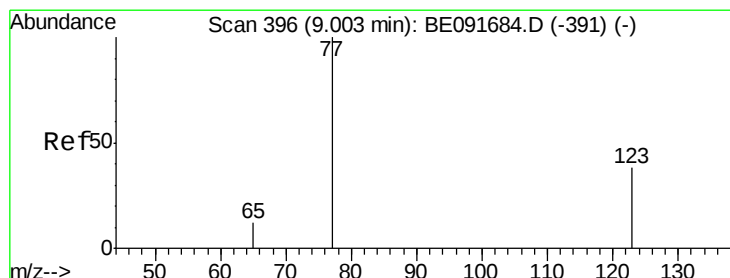
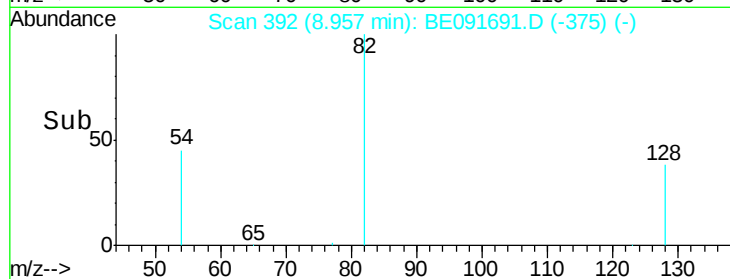
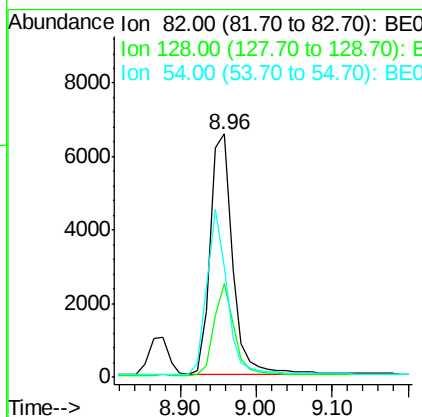
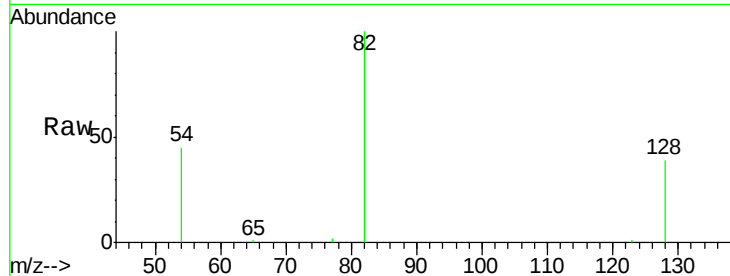
#8
 Nitrobenzene-d5
 Concen: 1.93 ng
 RT: 8.96 min Scan# 392
 Delta R.T. -0.00 min
 Lab File: BE091691.D
 Acq: 20 Apr 2016 18:53

Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.5	25.4	38.0#
54	45.3	48.4	72.6#

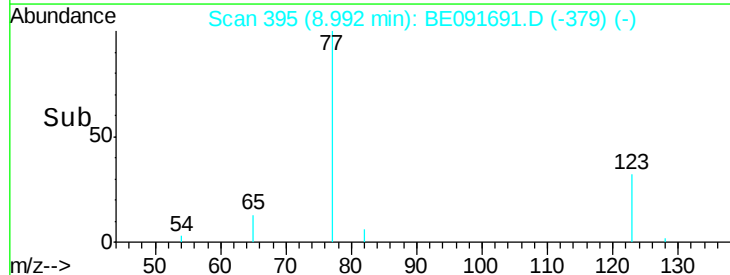
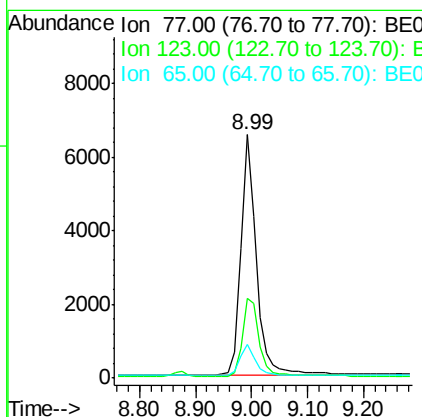
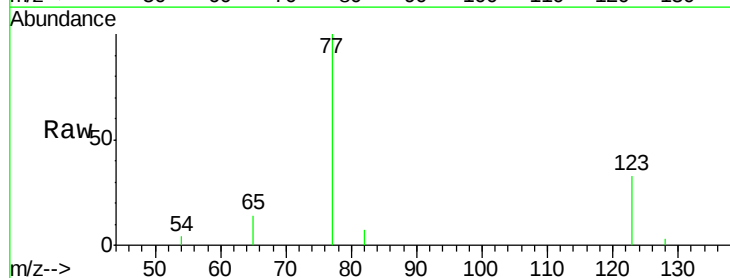
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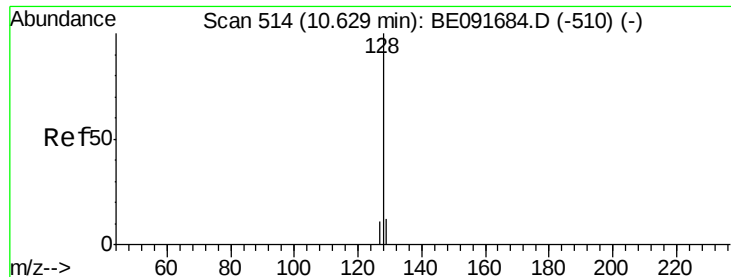
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#9
 Nitrobenzene
 Concen: 1.80 ng
 RT: 8.99 min Scan# 395
 Delta R.T. -0.01 min
 Lab File: BE091691.D
 Acq: 20 Apr 2016 18:53

Tgt Ion	Ratio	Lower	Upper
77	100		
123	35.4	26.9	40.3
65	13.6	9.4	14.2





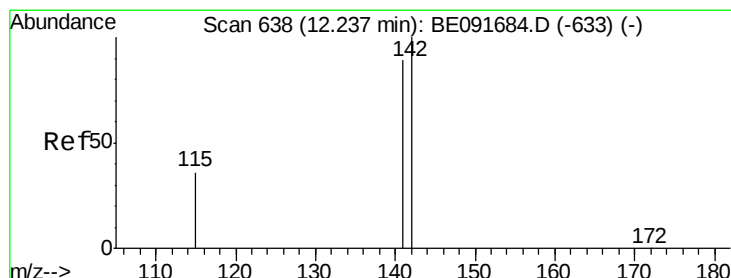
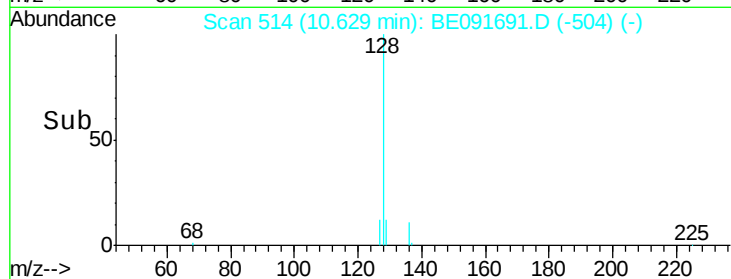
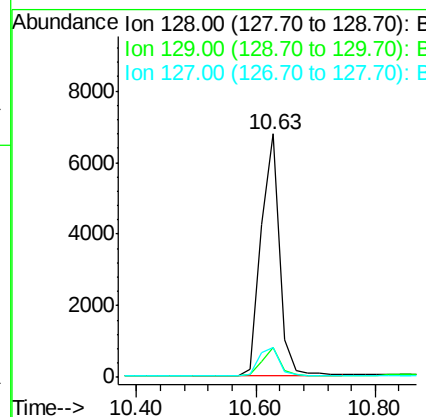
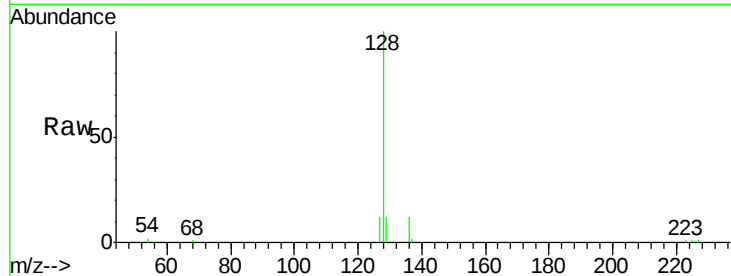
#10
Naphthalene
Concen: 0.53 ng
RT: 10.63 min Scan# 514
Delta R.T. -0.00 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.3	13.9
127	12.3	10.7	16.1

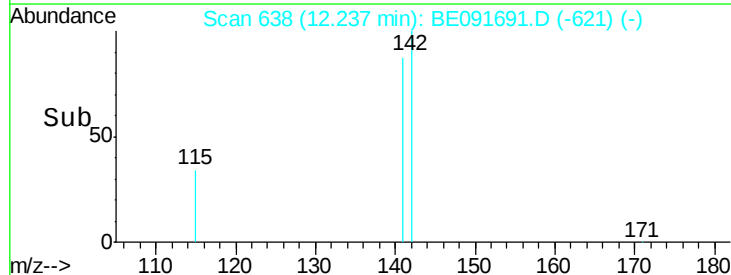
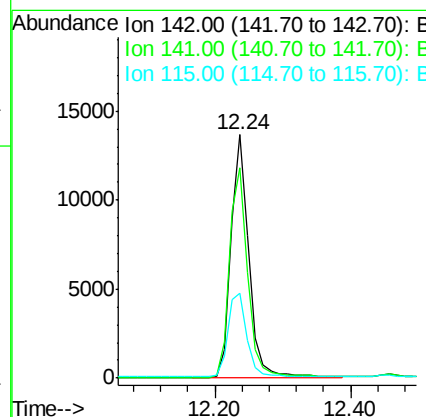
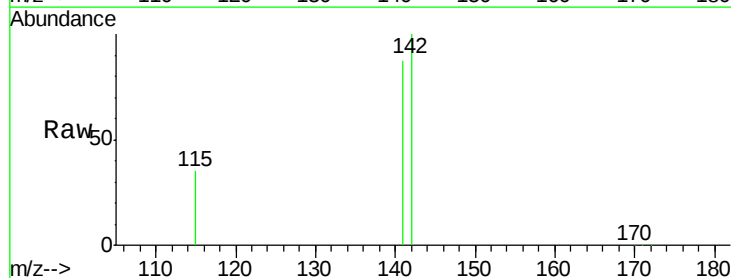
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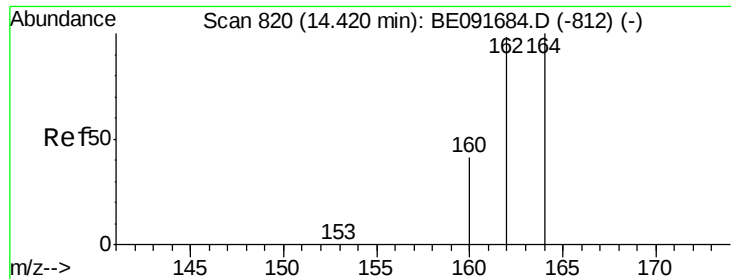
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#12
2-Methylnaphthalene
Concen: 1.46 ng
RT: 12.24 min Scan# 638
Delta R.T. -0.00 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.6	71.4	107.0
115	34.7	30.3	45.5





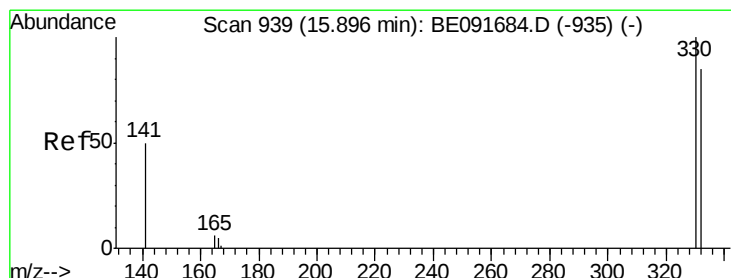
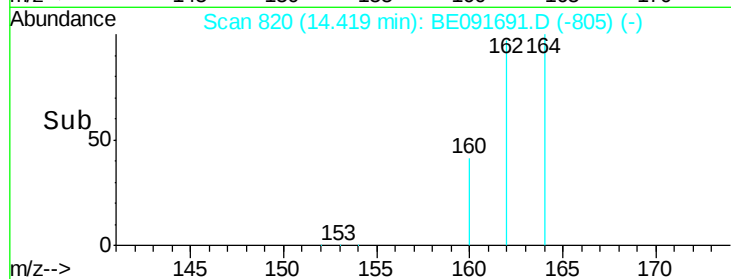
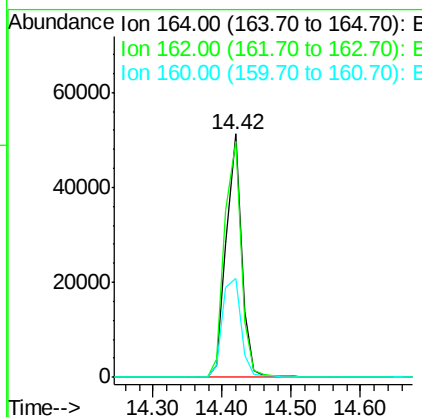
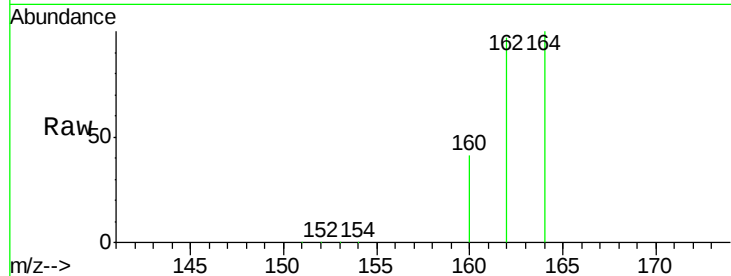
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 820
Delta R.T. 0.00 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tot Ion:164 Resp: 79576
Ion Ratio Lower Upper
164 100
162 97.1 85.3 127.9
160 40.6 46.2 69.2#

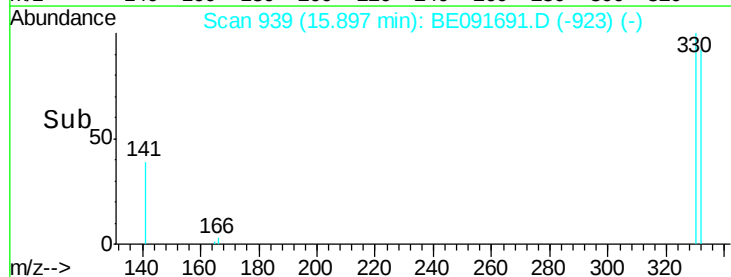
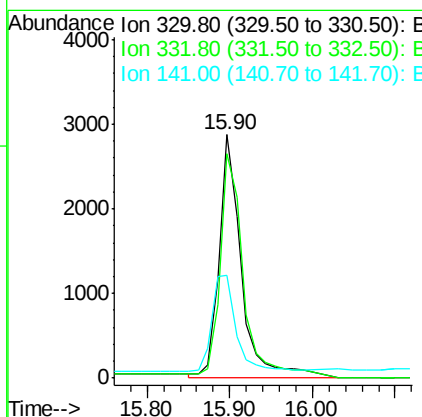
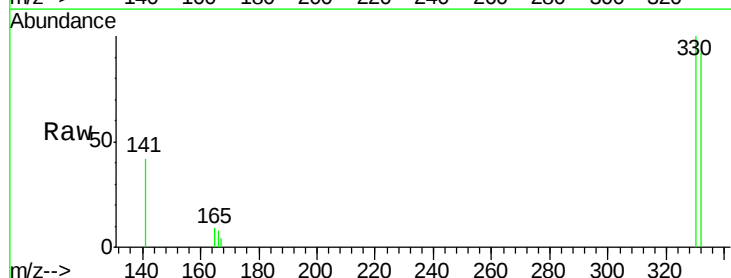
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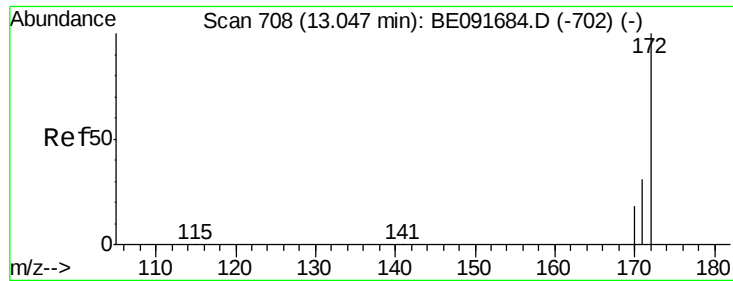
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#14
2,4,6-Tribromophenol
Concen: 2.68 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.01 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Tgt Ion:330 Resp: 6412
Ion Ratio Lower Upper
330 100
332 97.1 79.1 118.7
141 35.9 125.4 188.0#





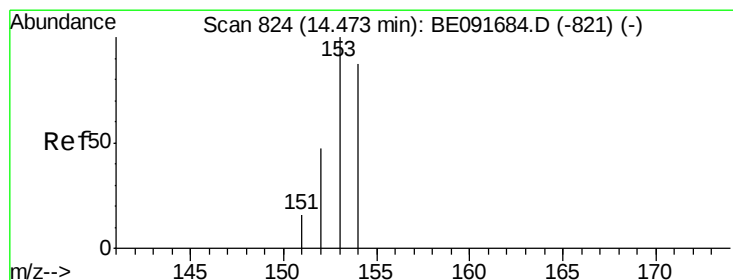
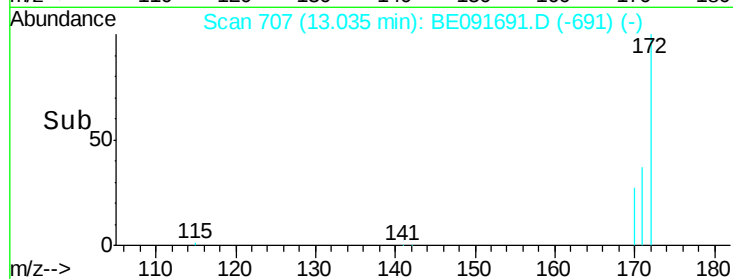
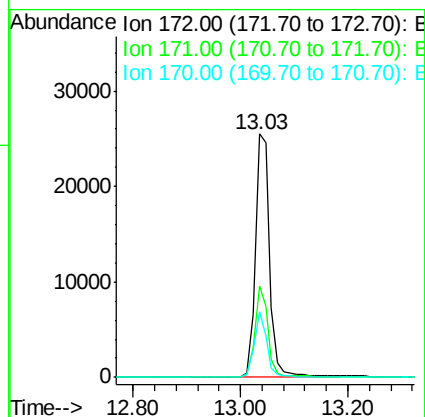
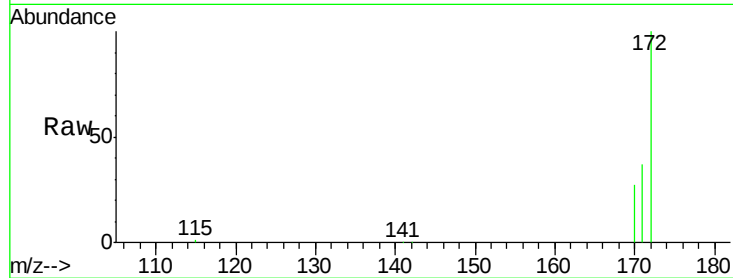
#15
2-Fluorobiphenyl
Concen: 2.14 ng
RT: 13.03 min Scan# 707
Delta R.T. -0.01 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.4	28.8	43.2
170	27.0	19.3	28.9

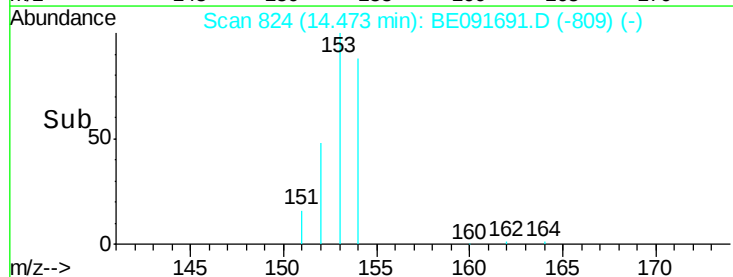
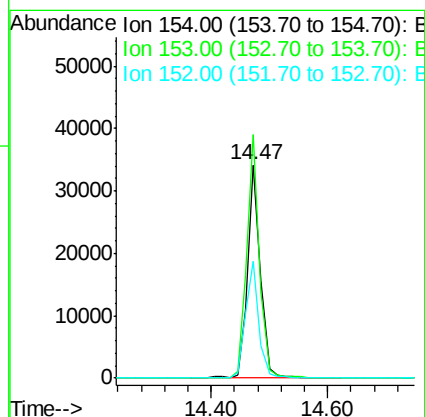
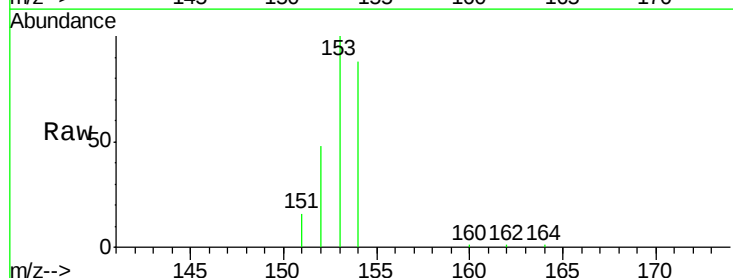
Manual Integrations
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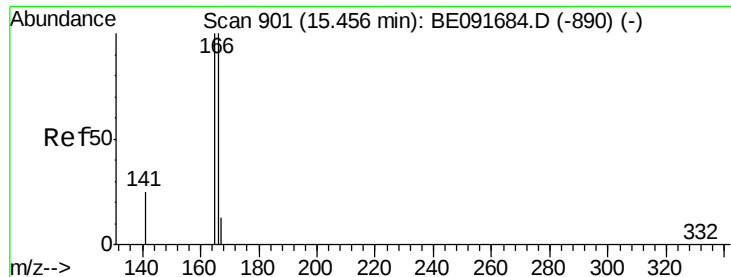
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#17
Acenaphthene
Concen: 2.64 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	80.0	120.0
152	56.8	40.0	60.0





#18

Fluorene

Concen: 2.78 ng

RT: 15.46 min Scan# 901

Delta R.T. 0.00 min

Lab File: BE091691.D

Acq: 20 Apr 2016 18:53

Instrument :

BNA_E

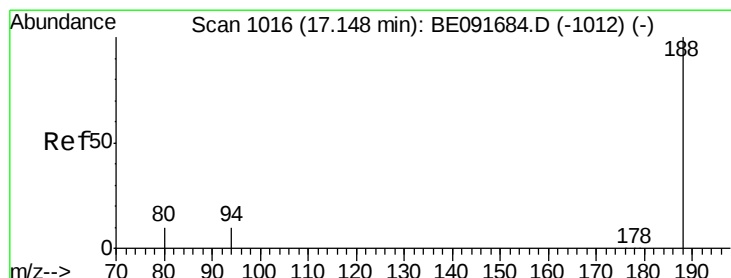
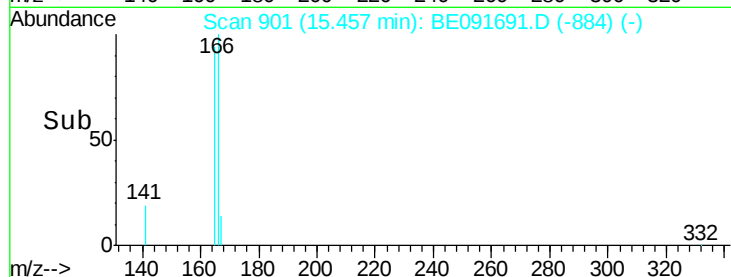
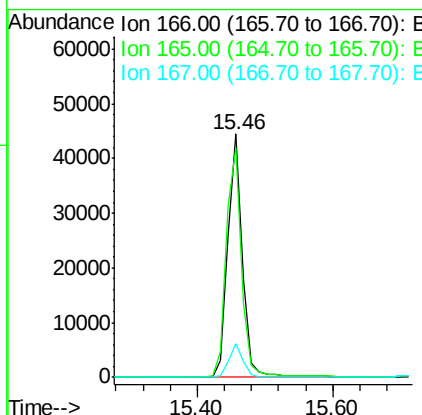
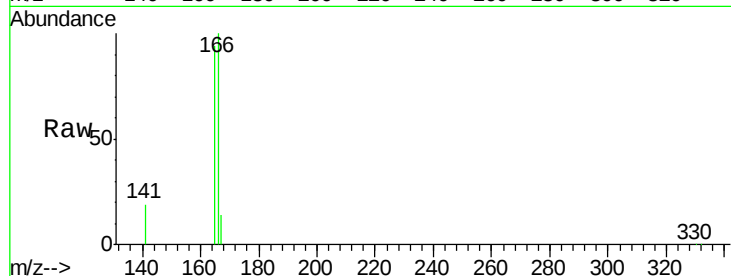
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.8	121.2
167	13.6	10.9	16.3

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#19

Phenanthrene-d10

Concen: 5.00 ng

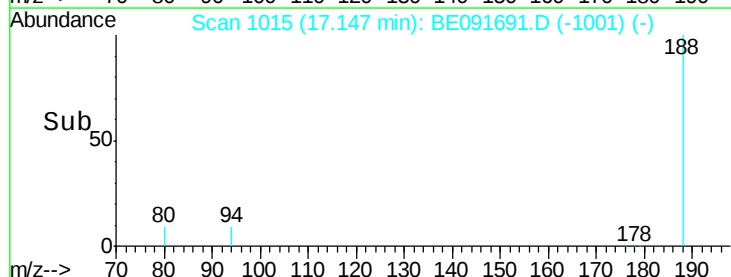
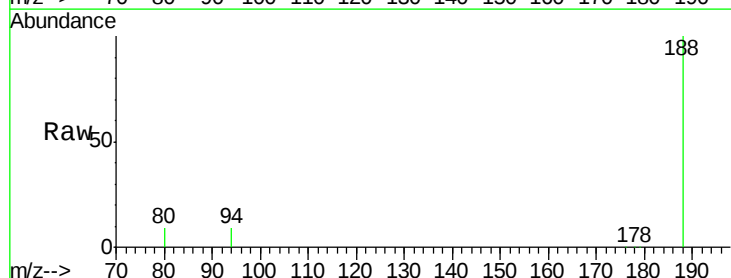
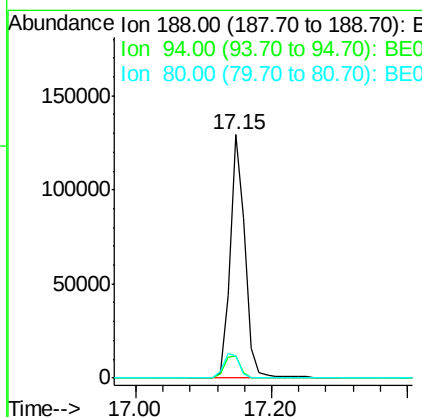
RT: 17.15 min Scan# 1015

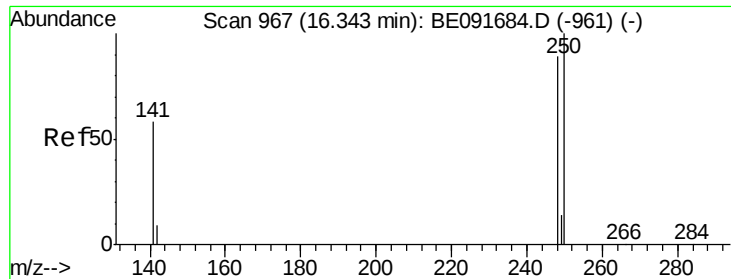
Delta R.T. -0.00 min

Lab File: BE091691.D

Acq: 20 Apr 2016 18:53

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.7	13.1
80	8.9	9.4	14.0#





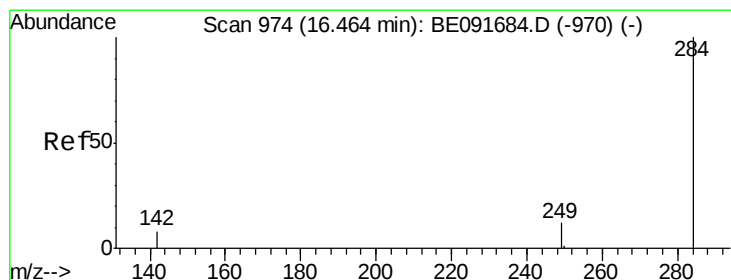
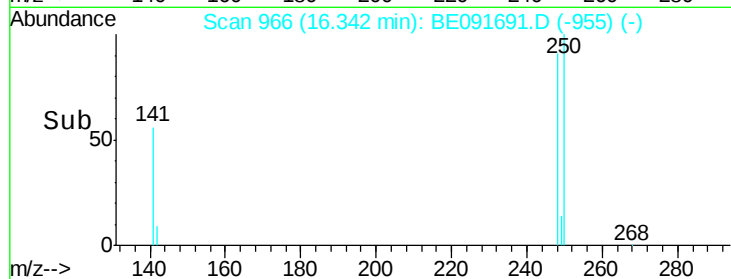
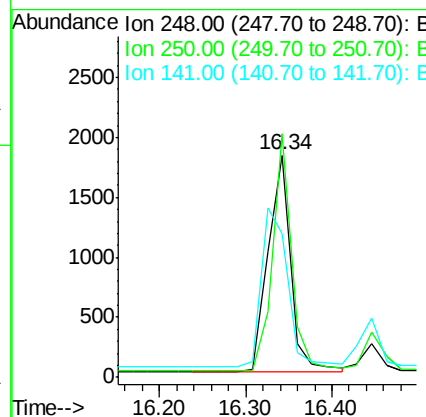
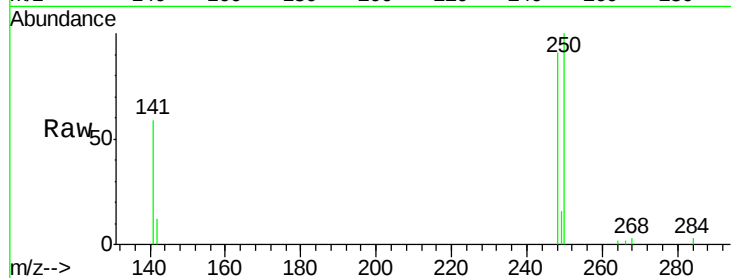
#20
4-Bromophenyl-phenylether
Concen: 0.49 ng
RT: 16.34 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Instrument :
BNA_E
ClientSampled :
PT-BN-WP

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.8	80.5	120.7
141	86.2	72.0	108.0

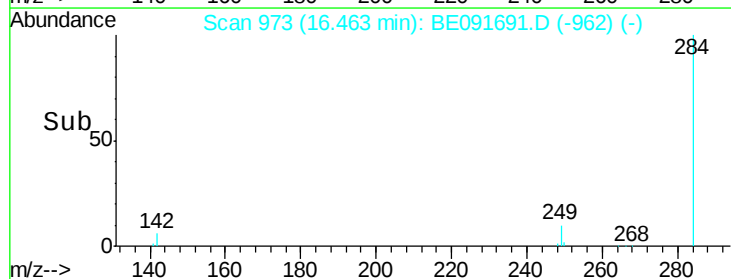
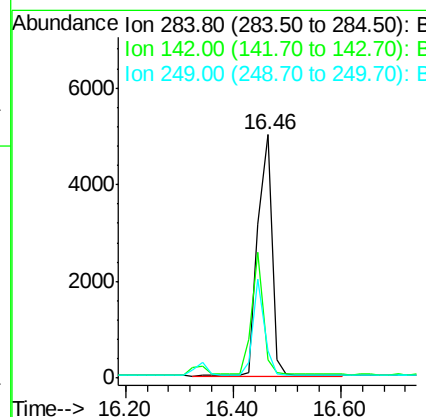
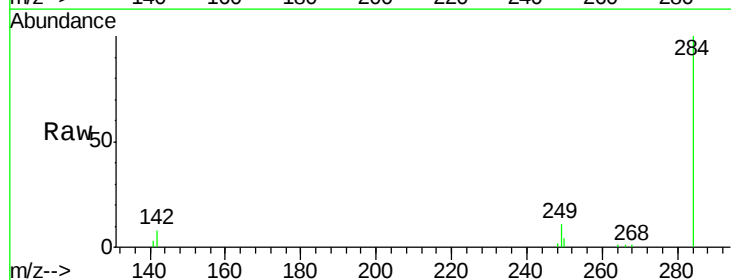
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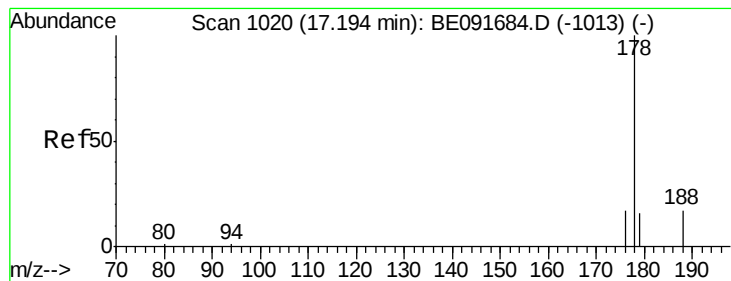
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#21
Hexachlorobenzene
Concen: 1.23 ng
RT: 16.46 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.2	32.2	48.2
249	32.7	25.4	38.2





#23

Phenanthrene

Concen: 4.12 ng

RT: 17.18 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091691.D

Acq: 20 Apr 2016 18:53

Instrument :

BNA_E

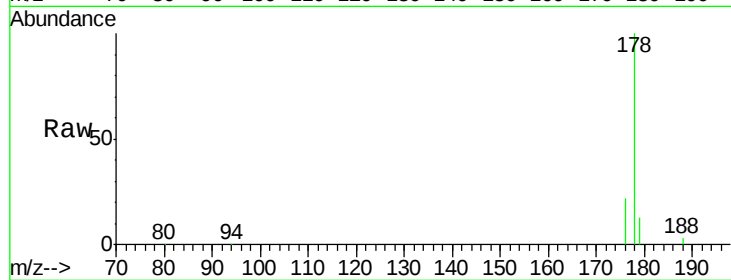
ClientSampleId :

PT-BN-WP

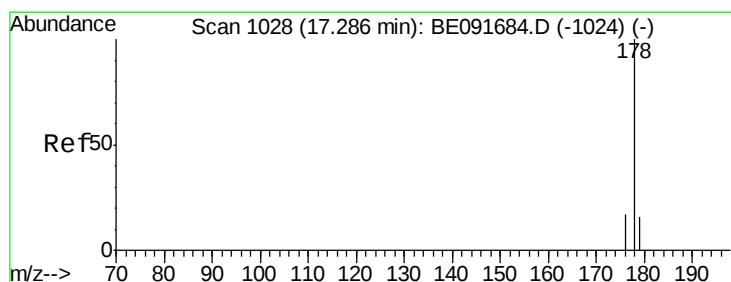
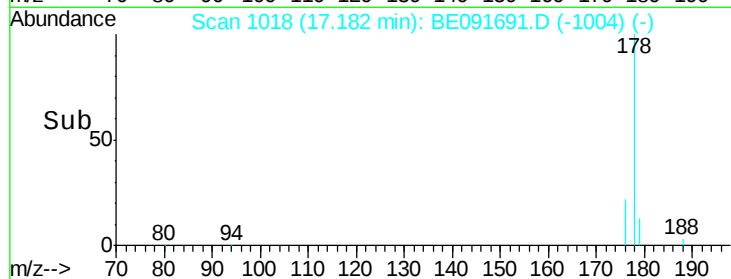
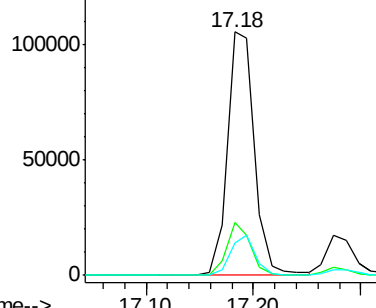
Tot Ion:	178	Resp:	184406
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.3	22.9
179	15.4	12.6	18.8

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.80 ng

RT: 17.27 min Scan# 1026

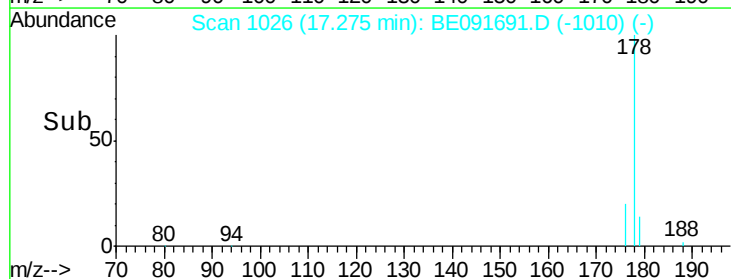
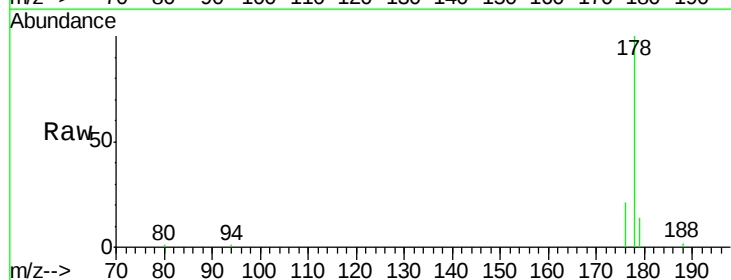
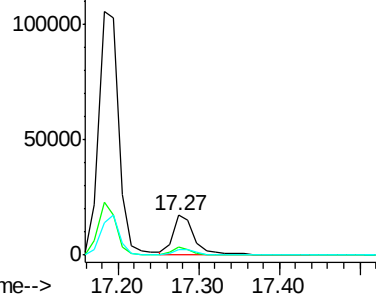
Delta R.T. -0.01 min

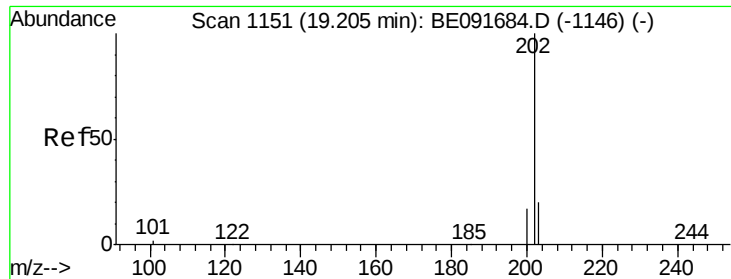
Lab File: BE091691.D

Acq: 20 Apr 2016 18:53

Tgt Ion:	178	Resp:	32069
Ion Ratio	Lower	Upper	
178	100		
176	19.1	14.6	21.8
179	15.2	11.8	17.6

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





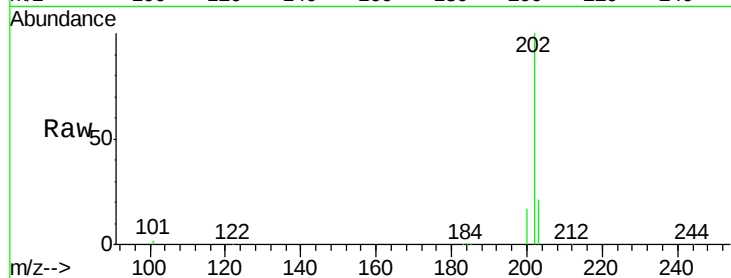
#25
Fluoranthene
Concen: 1.96 ng
RT: 19.20 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

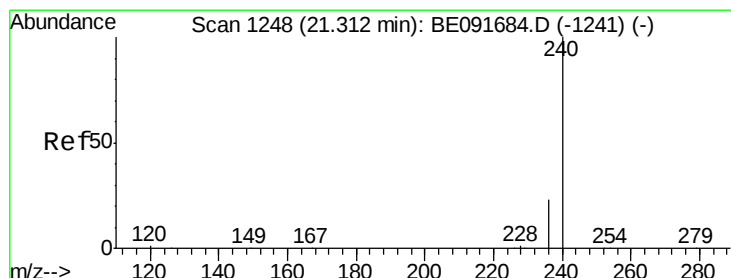
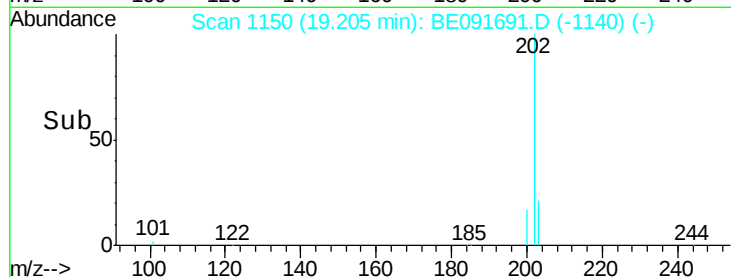
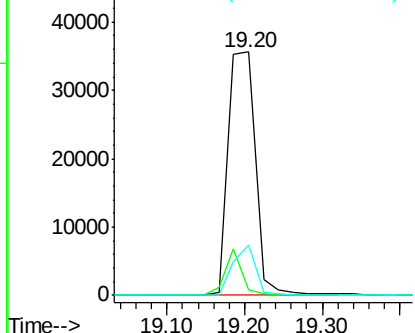
Tot Ion	Ratio	Lower	Upper
202	100		
101	11.7	11.0	16.6
203	17.4	13.9	20.9

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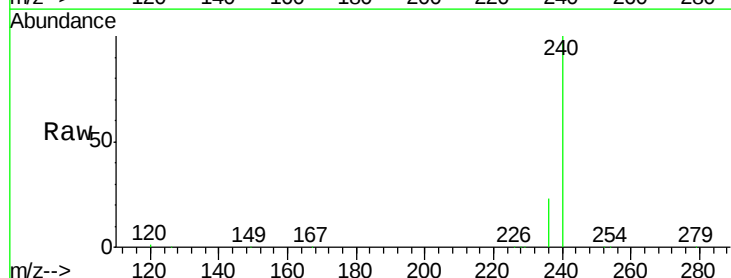


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

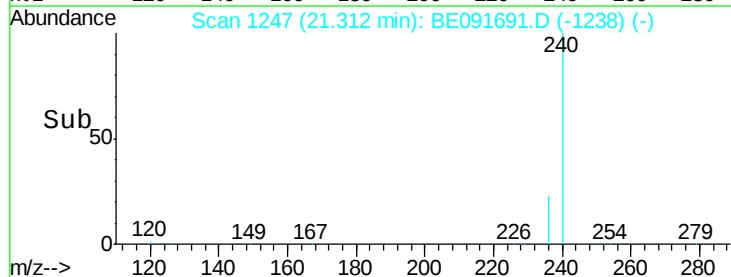
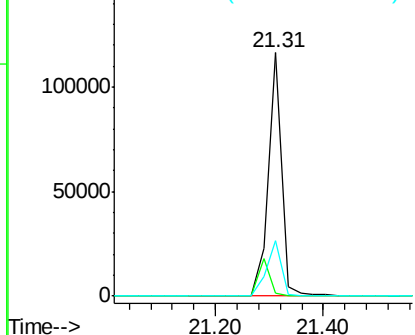


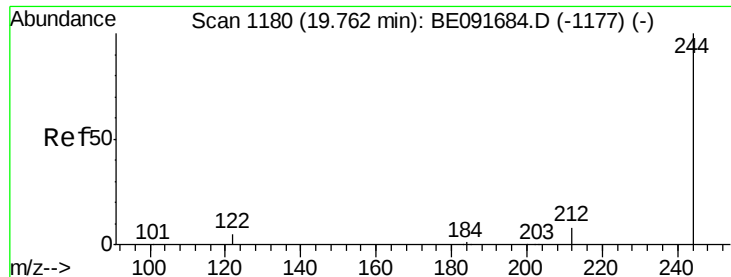
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	1.3	11.0	16.4#
236	22.6	21.7	32.5



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





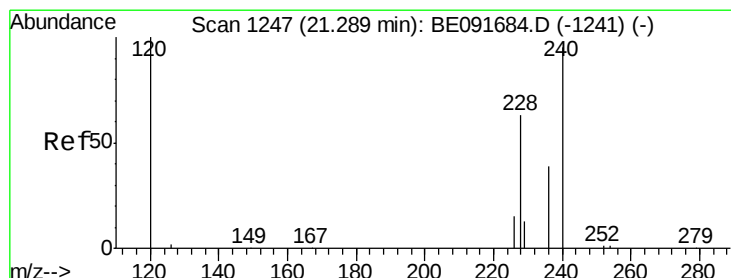
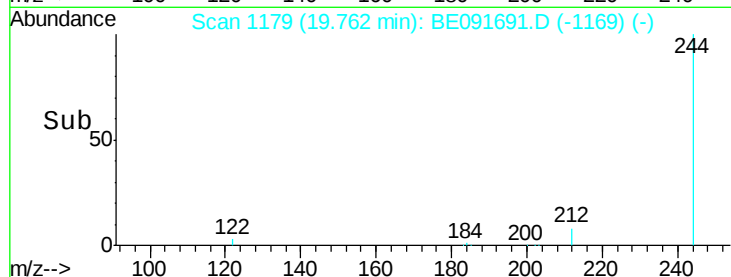
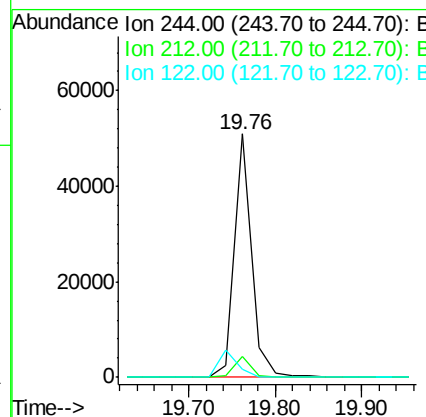
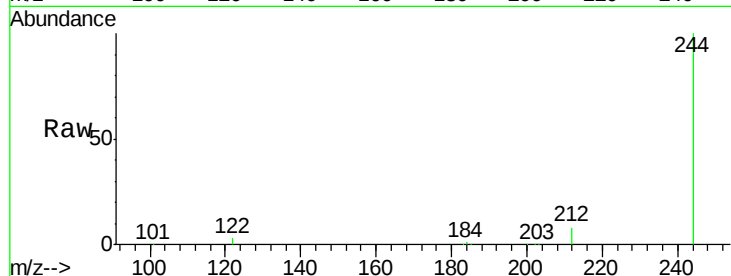
#29
 Terphenyl-d14
 Concen: 2.19 ng
 RT: 19.76 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BE091691.D
 Acq: 20 Apr 2016 18:53

Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.5	6.9	10.3
122	3.3	11.0	16.4

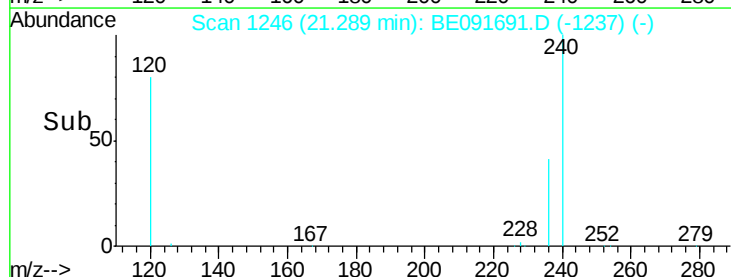
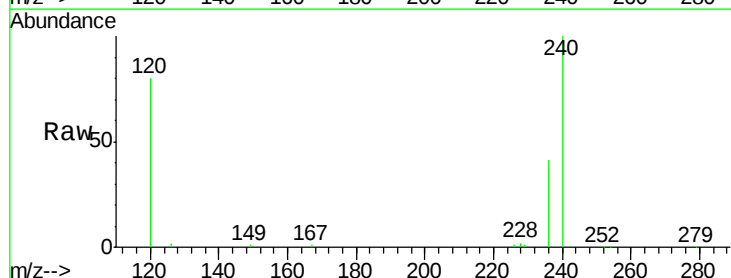
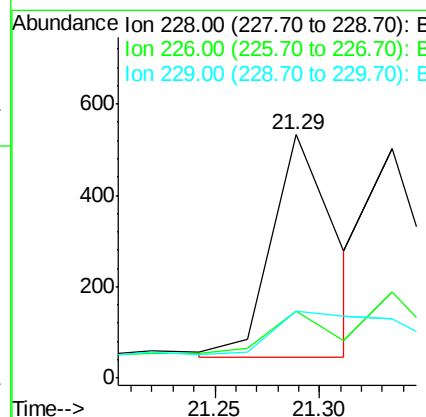
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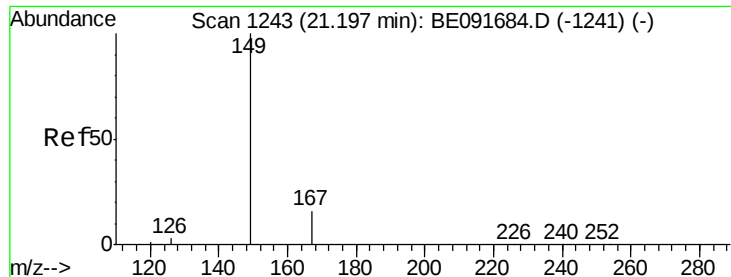
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#30
 Benzo(a)anthracene
 Concen: 0.02 ng m
 RT: 21.29 min Scan# 1246
 Delta R.T. -0.00 min
 Lab File: BE091691.D
 Acq: 20 Apr 2016 18:53

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.6	21.0	31.4
229	27.4	15.7	23.5





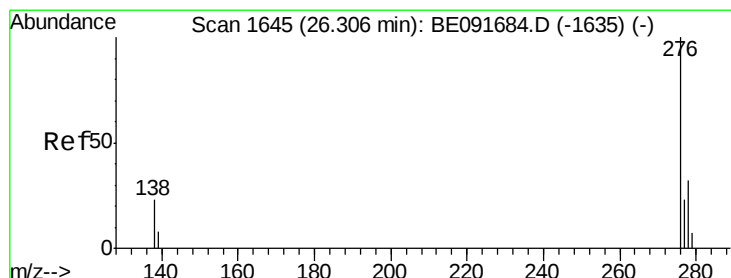
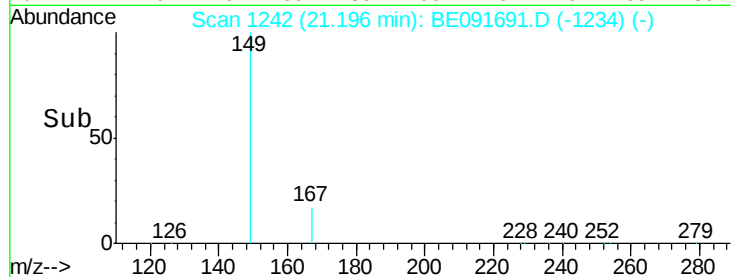
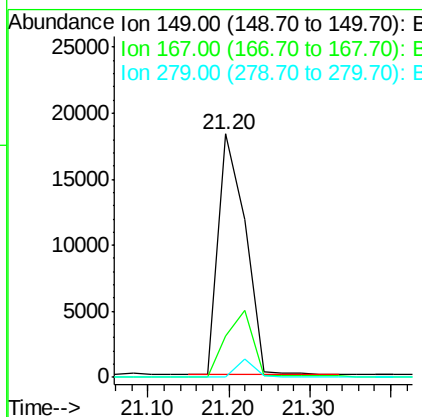
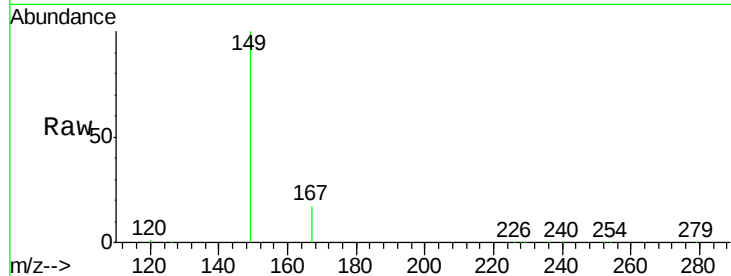
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 3.54 ng
 RT: 21.20 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BE091691.D
 Acq: 20 Apr 2016 18:53

Instrument :
 BNA_E
 ClientSampleId :
 PT-BN-WP

Tot Ion	Ratio	Lower	Upper
149	100		
167	0.0	19.5	29.3#
279	0.0	10.0	15.0#

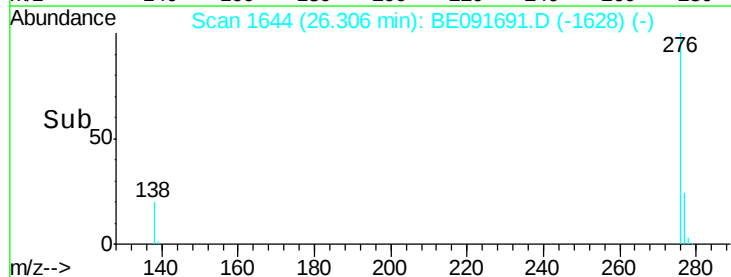
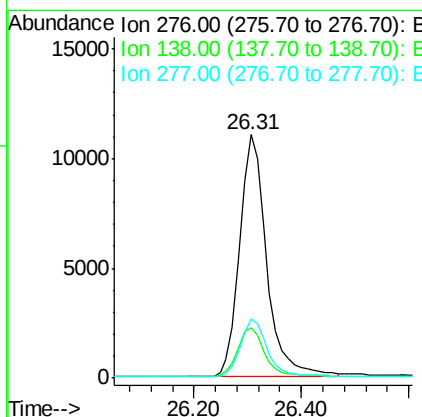
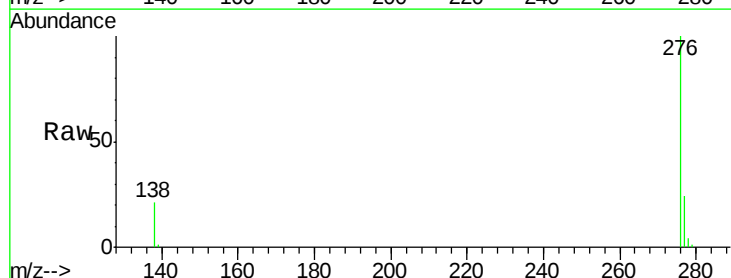
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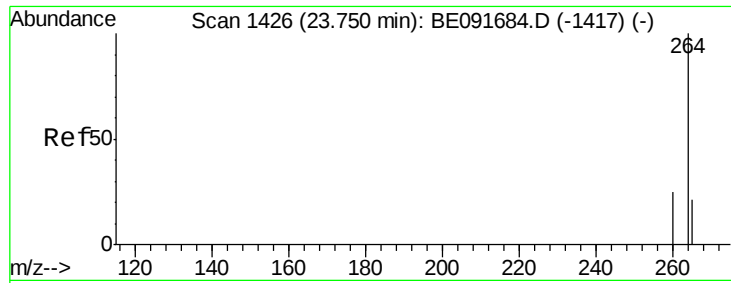
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#34
 Indeno(1,2,3-cd)pyrene
 Concen: 0.80 ng
 RT: 26.31 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE091691.D
 Acq: 20 Apr 2016 18:53

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.4	23.4	35.2#
277	23.9	19.8	29.8





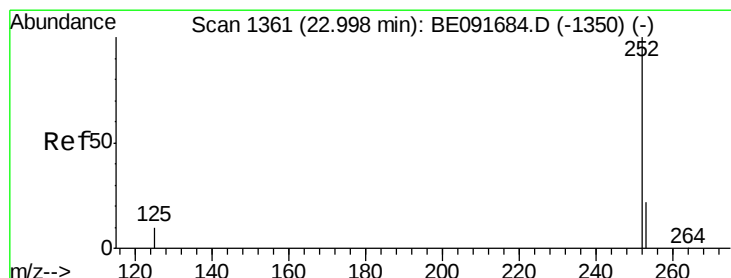
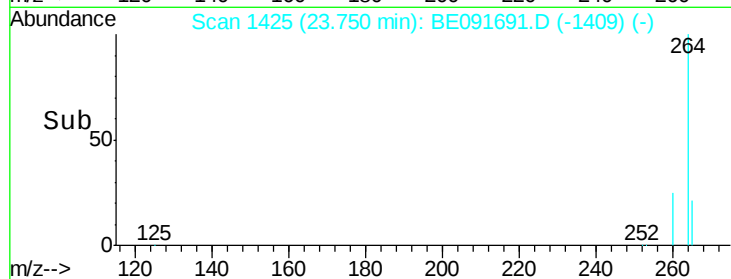
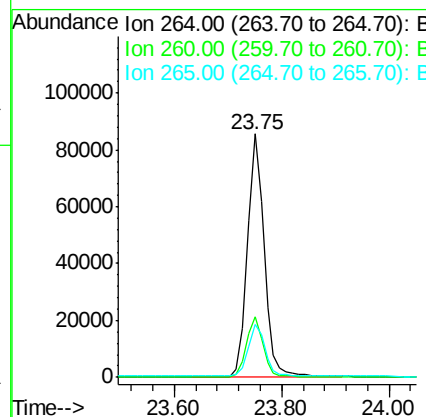
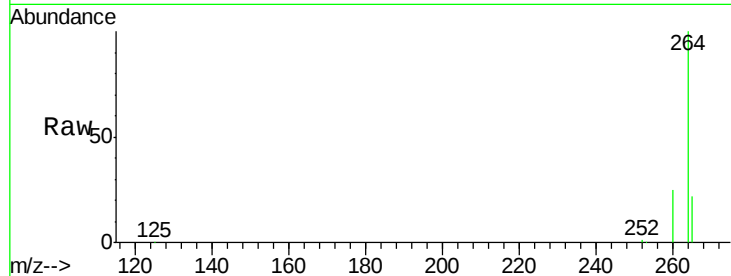
#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Instrument :
BNA_E
ClientSampleId :
PT-BN-WP

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.9	20.0	30.0
265	21.8	17.5	26.3

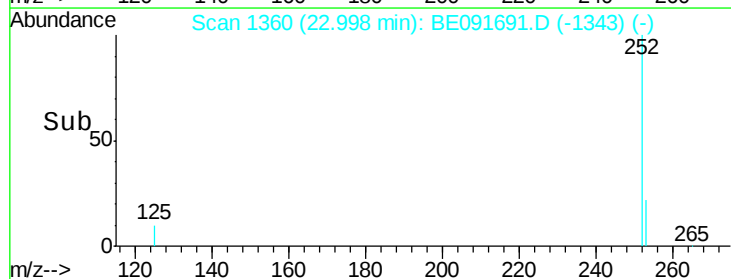
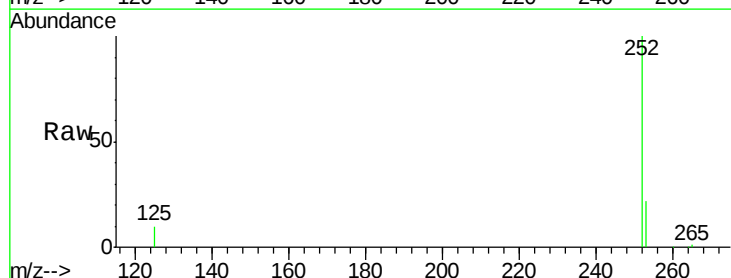
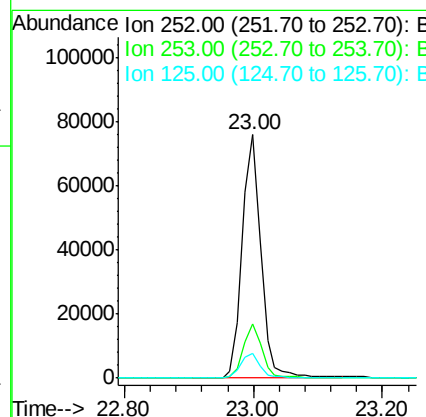
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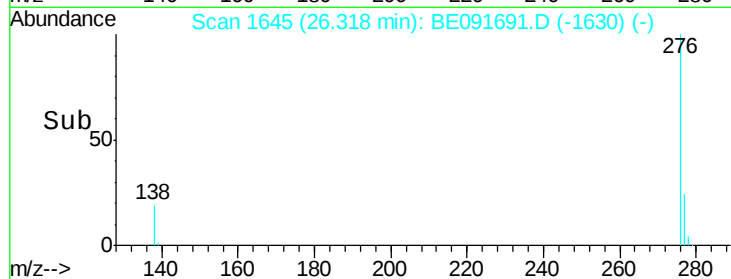
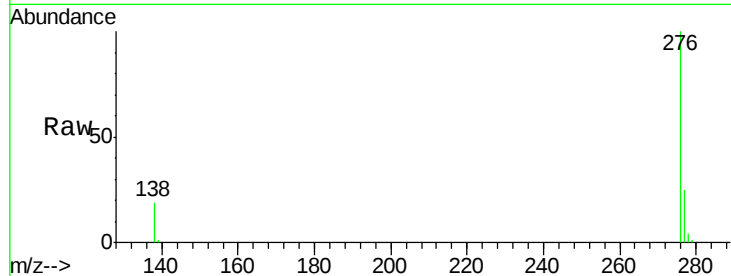
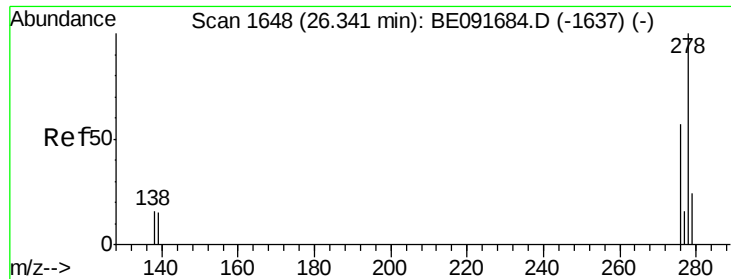
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#36
Benzo(b)fluoranthene
Concen: 3.40 ng
RT: 23.00 min Scan# 1360
Delta R.T. 0.00 min
Lab File: BE091691.D
Acq: 20 Apr 2016 18:53

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.0	10.2	15.2#





#39

Dibenzo(a,h)anthracene

Concen: 0.05 ng

RT: 26.32 min Scan# 1645

Delta R.T. -0.02 min

Lab File: BE091691.D

Acq: 20 Apr 2016 18:53

Tot Ion	Ratio	Lower	Upper
278	100		
139	32.4	16.0	24.0
279	26.2	19.4	29.2

Instrument :

BNA_E

ClientSampleId :

PT-BN-WP

Manual Integrations
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