

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
 Data File : BE091871.D
 Acq On : 25 May 2016 22:58
 Operator : UM/SJ
 Sample : PB90774BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90774BS

Manual Integrations
 APPROVED

Quant Time: May 26 01:58:47 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 19:42:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	28539	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	146916	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	94070	5.00	ng	0.00
24) Phenanthrene-d10	17.14	188	264663	5.00	ng	0.00
31) Chrysene-d12	21.29	240	275047	5.00	ng	0.00
40) Perylene-d12	23.71	264	245453	5.00	ng	0.00

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System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.38	112	52165	6.39	ng	-0.02
5) Phenol-d6	6.95	99	80543	7.53	ng	0.00
9) Nitrobenzene-d5	8.91	82	44127	3.70	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	31038	7.40	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	104432	3.73	ng	-0.02
34) Terphenyl-d14	19.74	244	182079	4.38	ng	0.00

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Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.32	88	12401	3.47	ng	96
3) n-Nitrosodimethylamine	3.61	42	19620	3.75	ng	93
6) bis(2-Chloroethyl)ether	7.20	93	34150	3.81	ng	99
7) n-Nitroso-di-n-propylamine	8.57	70	33733	4.07	ng	# 90
10) Nitrobenzene	8.96	77	45291	3.91	ng	# 99
11) bis(2-Chloroethoxy)methane	9.96	93	56164	4.03	ng	# 13
12) Naphthalene	10.61	128	118387	3.73	ng	97
13) Hexachlorobutadiene	10.90	225	17326	3.55	ng	99
14) 2-Methylnaphthalene	12.22	142	89232	4.21	ng	# 88
18) Acenaphthylene	14.10	152	170238	4.11	ng	# 91
19) 2,6-Dinitrotoluene	13.96	165	28593	4.46	ng	# 85
20) Acenaphthene	14.44	154	101958	4.58	ng	93
21) 2,4-Dinitrotoluene	14.76	165	35516	4.02	ng	# 1
22) Fluorene	15.44	166	125842	3.81	ng	99
23) 4-Chlorophenyl-phenylether	15.44	204	59019	4.14	ng	98
25) 4-Bromophenyl-phenylether	16.31	248	37378	3.95	ng	98
26) Hexachlorobenzene	16.44	284	38055m	4.22	ng	
27) Pentachlorophenol	16.78	266	40036	11.51	ng	91
28) Phenanthrene	17.17	178	225342	4.54	ng	99
29) Anthracene	17.26	178	221958	4.20	ng	100
30) Fluoranthene	19.17	202	254099	4.33	ng	100
32) Benzidine	19.36	184	125269	4.98	ng	# 94
33) Pyrene	19.53	202	281714	4.83	ng	99
35) Benzo(a)anthracene	21.27	228	315541m	4.30	ng	
36) 3,3'-Dichlorobenzidine	21.20	252	68820	1.71	ng	# 62
37) Chrysene	21.31	228	274020m	5.16	ng	
38) Bis(2-ethylhexyl)phthalate	21.17	149	118256	4.44	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.26	276	295319	4.29	ng	100
41) Benzo(b)fluoranthene	22.96	252	264089	3.99	ng	97
42) Benzo(k)fluoranthene	23.02	252	274402	4.56	ng	98
43) Benzo(a)pyrene	23.60	252	260154	4.33	ng	95
44) Dibenzo(a,h)anthracene	26.27	278	244888	4.26	ng	97
45) Benzo(a,h,i)perylene	27.03	276	248389	4.26	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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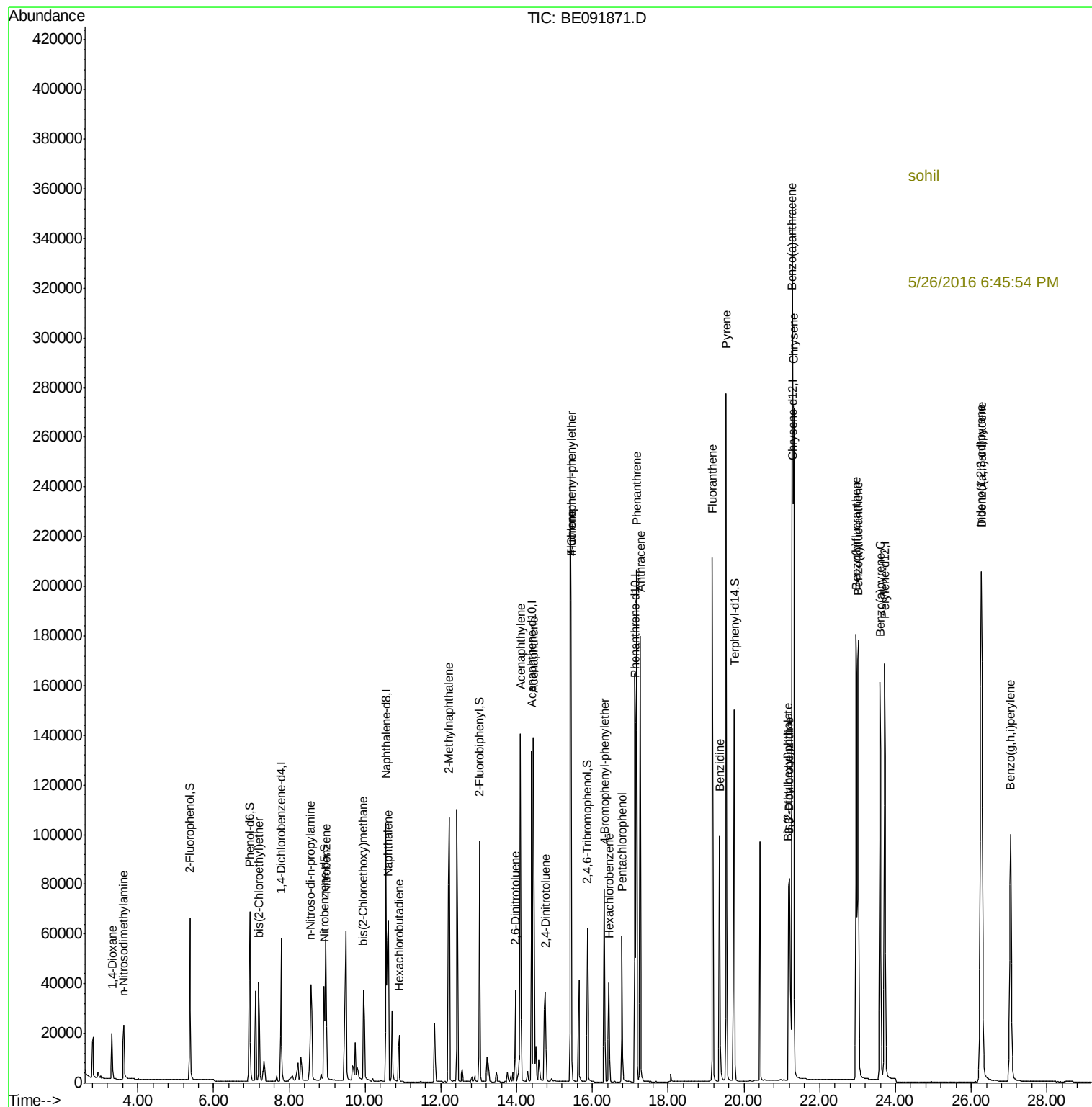
5/26/2016 6:45:54 PM

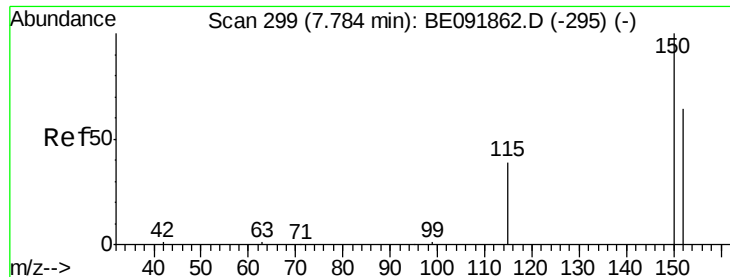
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Instrument :

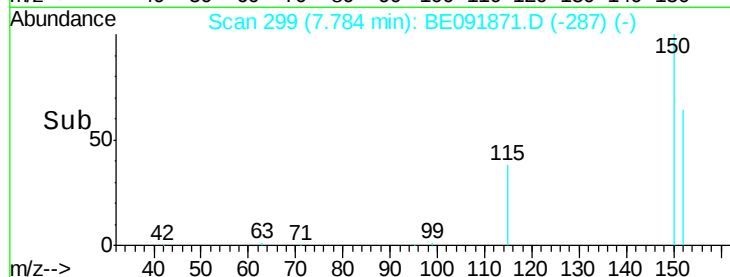
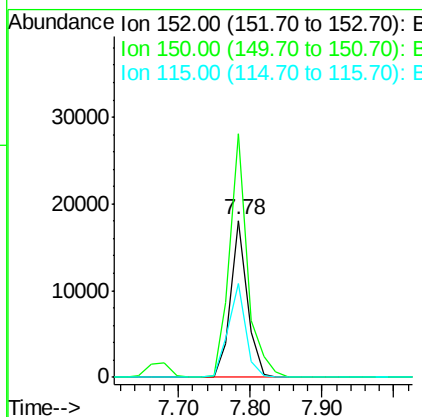
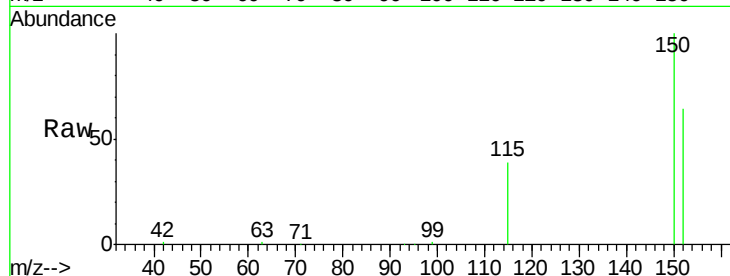
BNA_E

ClientSampled :

PB90774BS

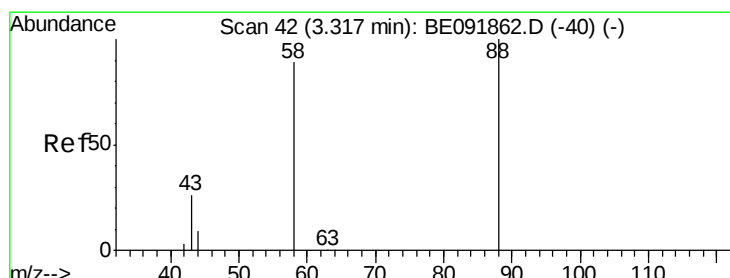
Tot Ion:	152	Resp:	28539
Ion	Ratio	Lower	Upper
152	100		
150	155.4	123.9	185.9
115	59.9	48.3	72.5

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#2

1,4-Dioxane

Concen: 3.47 ng

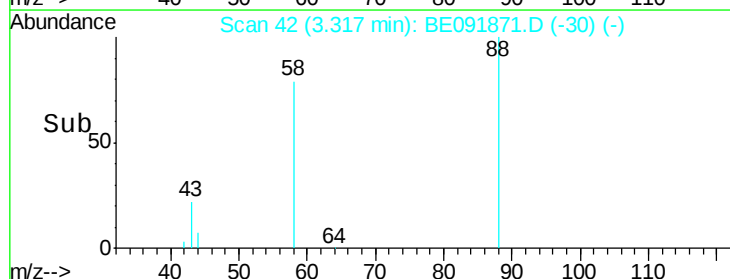
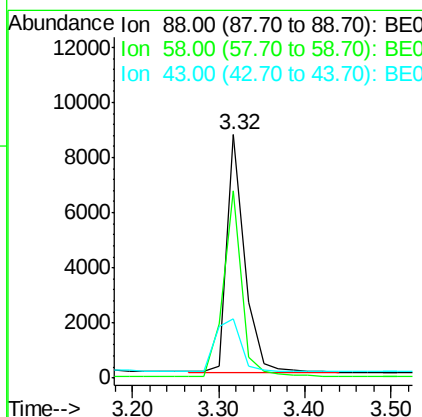
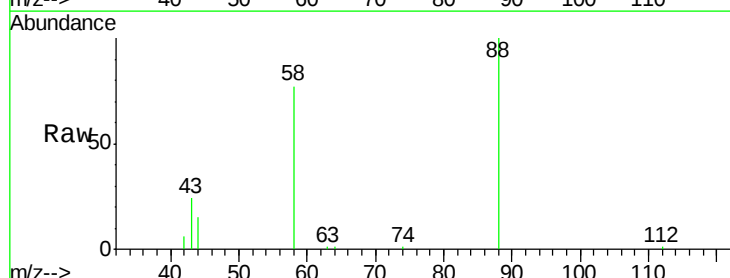
RT: 3.32 min Scan# 42

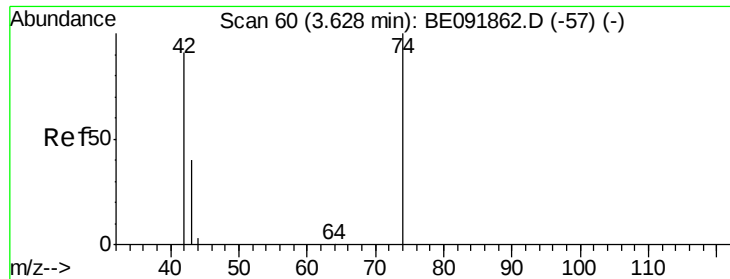
Delta R.T. 0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Tgt Ion:	88	Resp:	12401
Ion	Ratio	Lower	Upper
88	100		
58	80.8	63.0	94.4
43	32.7	29.1	43.7





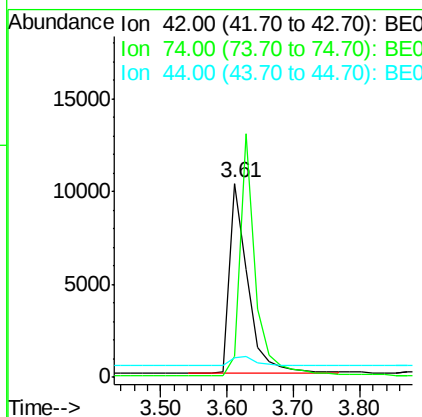
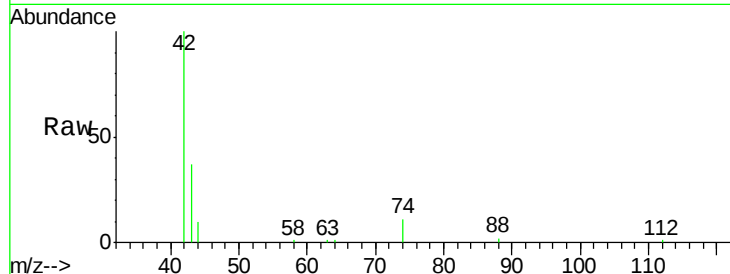
#3

n-Nitrosodimethylamine
Concen: 3.75 ng
RT: 3.61 min Scan# 59
Delta R.T. -0.02 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

Instrument :
BNA_E
ClientSampled :
PB90774BS

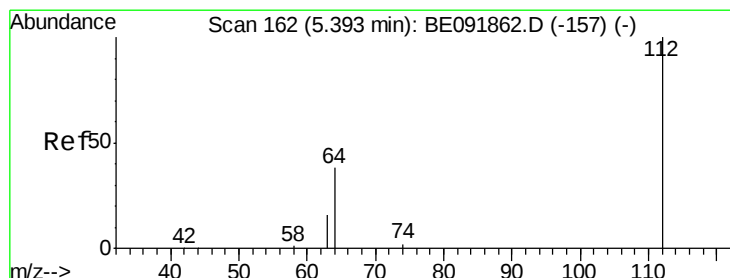
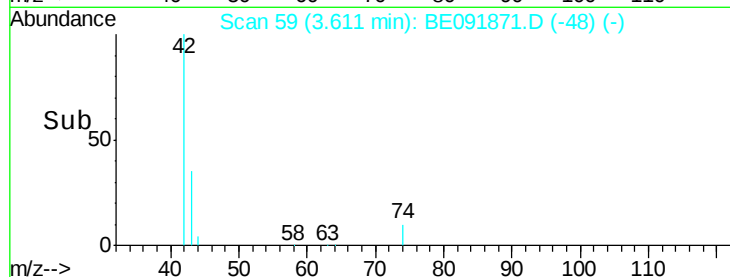
Tot Ion	Ratio	Lower	Upper
42	100		
74	108.4	93.4	140.0
44	6.4	5.0	7.6

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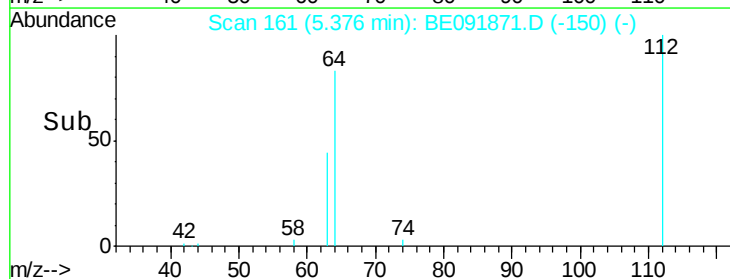
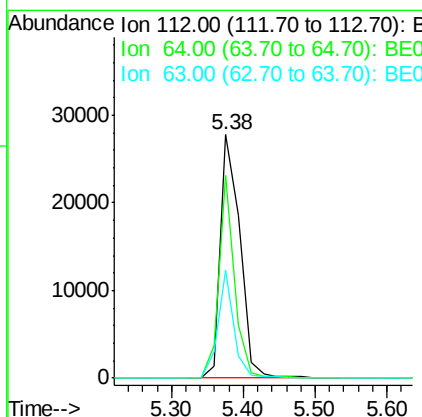
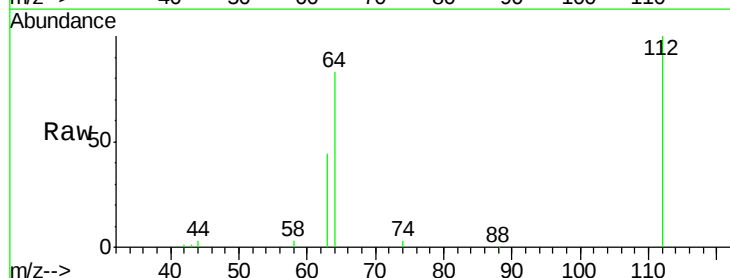
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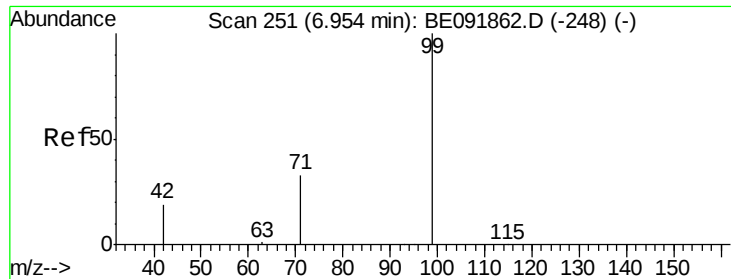


#4

2-Fluorophenol
Concen: 6.39 ng
RT: 5.38 min Scan# 161
Delta R.T. -0.02 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.6	53.7	80.5
63	36.0	29.5	44.3





#5

Phenol-d6

Concen: 7.53 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Instrument :

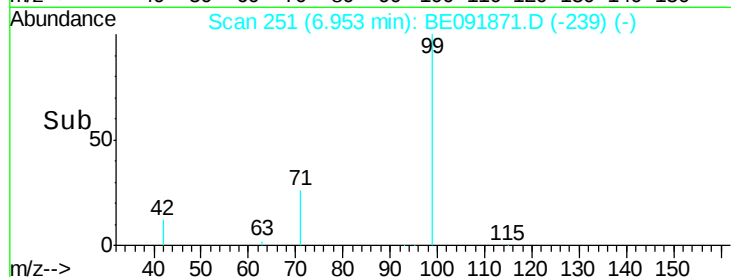
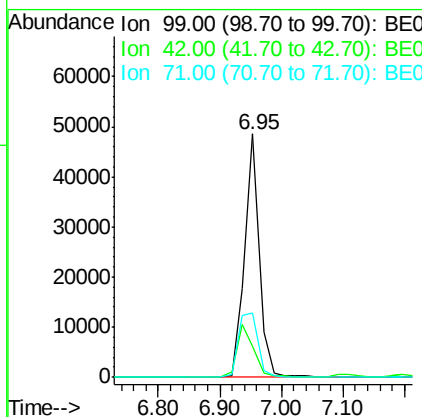
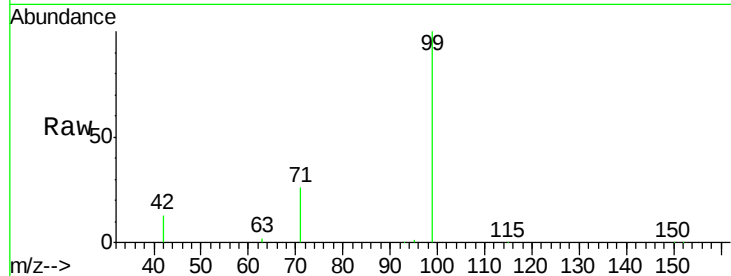
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ClientSampled :

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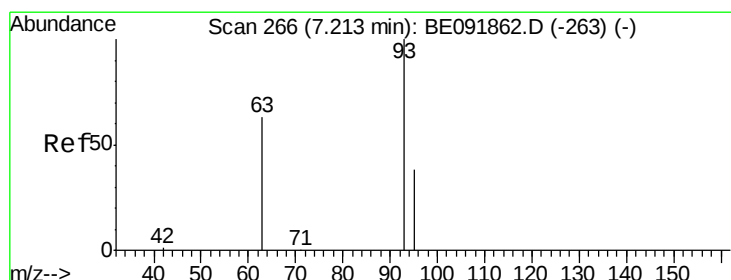
Tot Ion:	99	Resp:	80543
Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.6	29.4
71	35.4	28.1	42.1

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#6

bis(2-Chloroethyl)ether

Concen: 3.81 ng

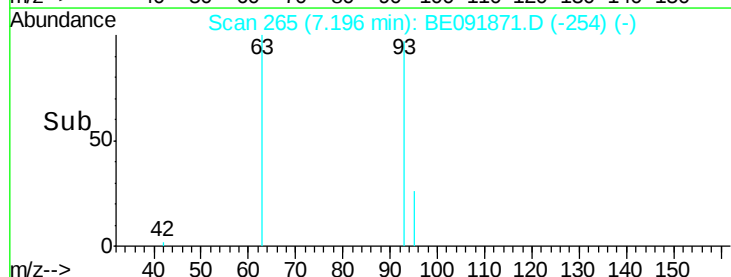
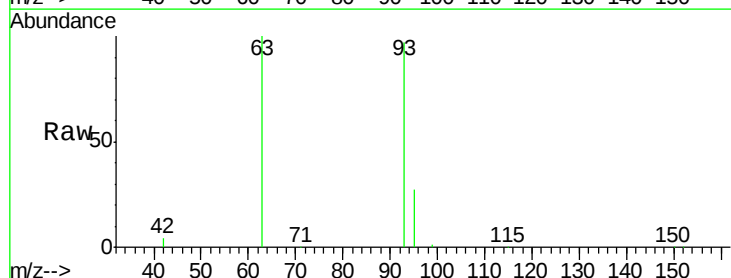
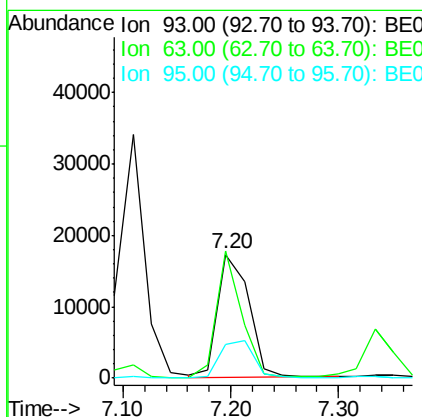
RT: 7.20 min Scan# 265

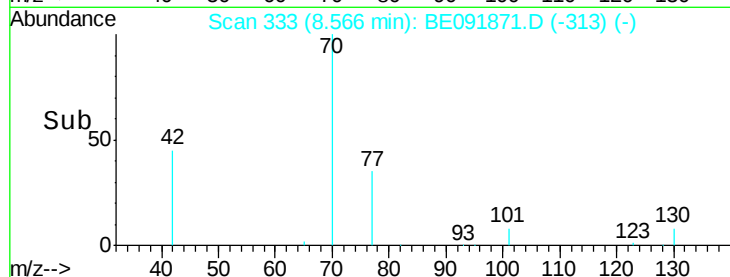
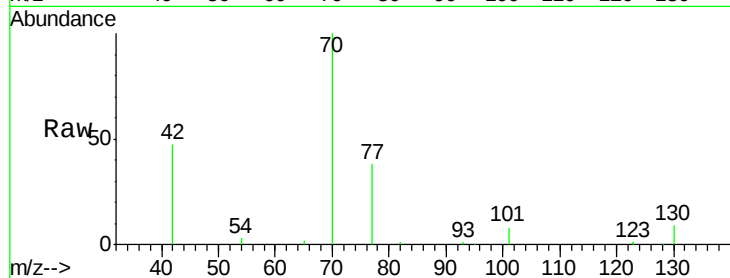
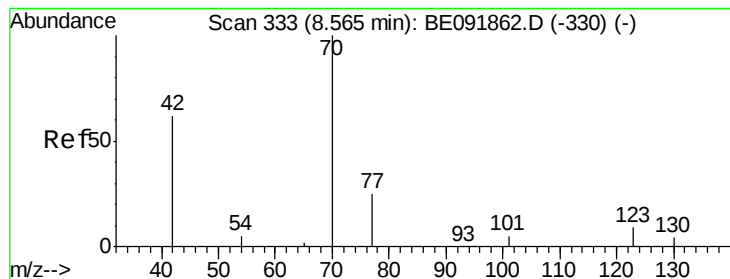
Delta R.T. -0.02 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Tgt Ion:	93	Resp:	34150
Ion	Ratio	Lower	Upper
93	100		
63	84.4	66.2	99.4
95	32.3	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 4.07 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Tot Ion:	70	Resp:	33733
Ion Ratio	Lower	Upper	
70	100		
42	63.4	58.4	87.6
101	8.3	6.4	9.6
130	0.0	0.0	0.0

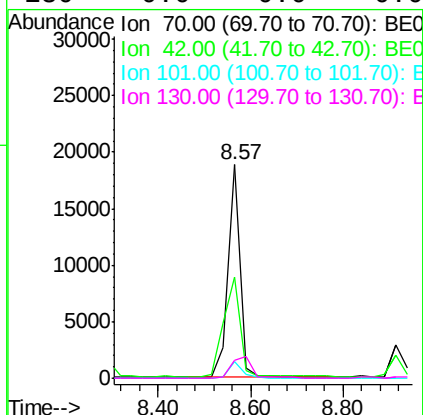
Instrument :

BNA_E

ClientSampleId :

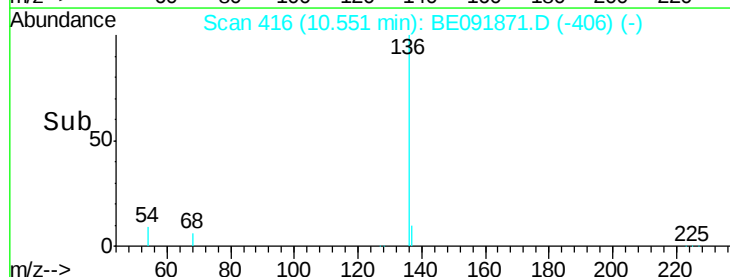
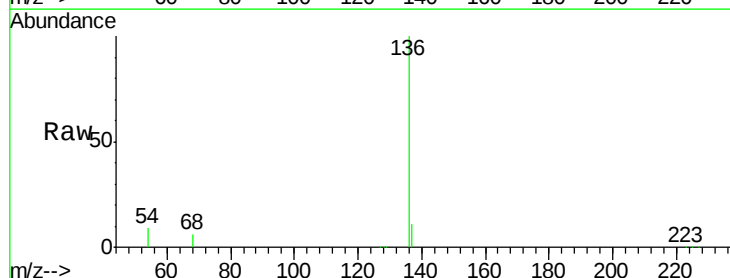
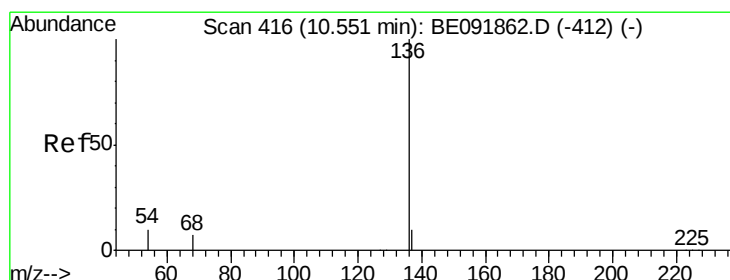
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#8

Naphthalene-d8

Concen: 5.00 ng

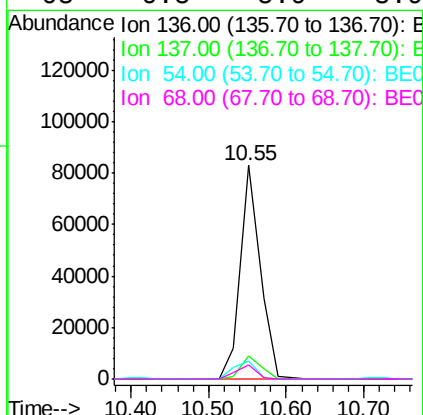
RT: 10.55 min Scan# 416

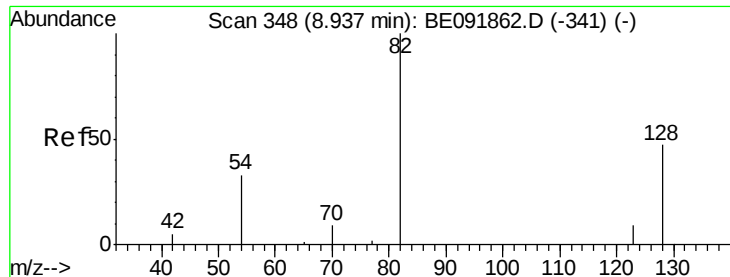
Delta R.T. 0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Tgt Ion:	136	Resp:	146916
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.3	12.5
54	8.6	8.2	12.4
68	6.5	5.9	8.9





#9

Nitrobenzene-d5

Concen: 3.70 ng

RT: 8.91 min Scan# 347

Delta R.T. -0.02 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Instrument :

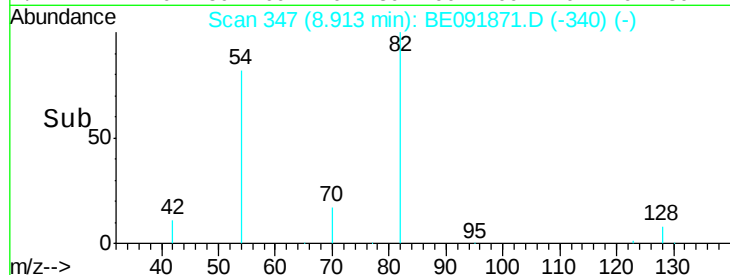
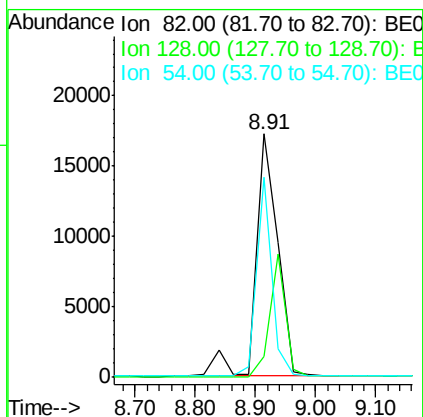
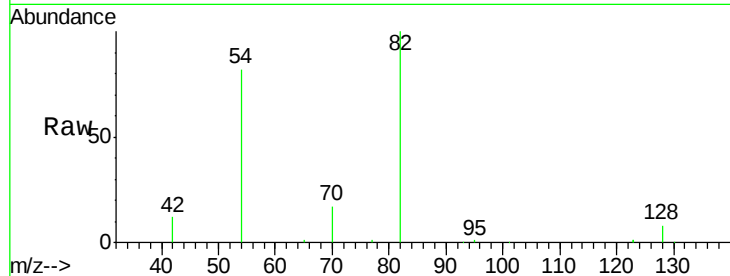
BNA_E

ClientSampled :

PB90774BS

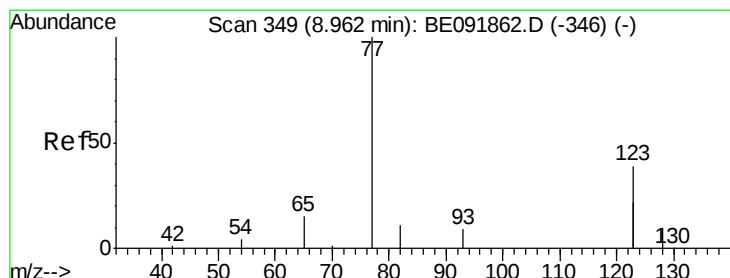
Tot Ion:	82	Resp:	44127
Ion Ratio	Lower	Upper	
82	100		
128	8.4	39.5	59.3#
54	82.0	30.3	45.5#

Manual Integrations
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#10

Nitrobenzene

Concen: 3.91 ng

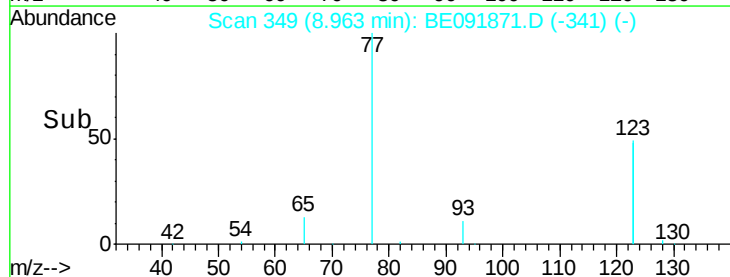
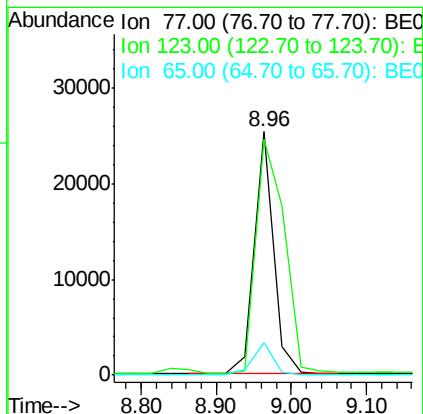
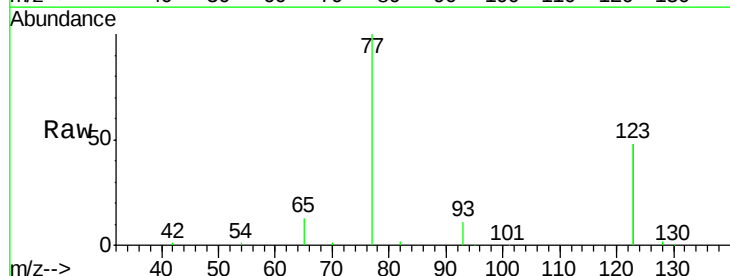
RT: 8.96 min Scan# 349

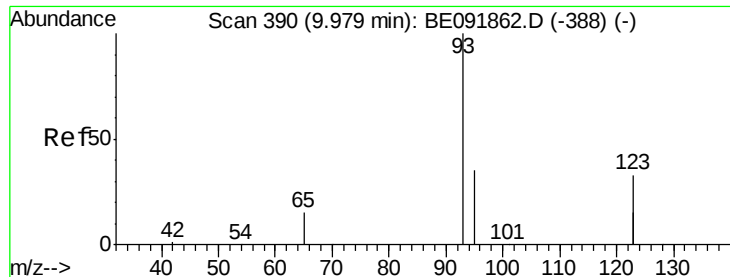
Delta R.T. 0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Tgt Ion:	77	Resp:	45291
Ion Ratio	Lower	Upper	
77	100		
123	142.0	0.0	0.0#
65	13.6	11.1	16.7





#11
bis(2-Chloroethoxy)methane
Concen: 4.03 ng
RT: 9.96 min Scan# 389
Delta R.T. -0.02 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

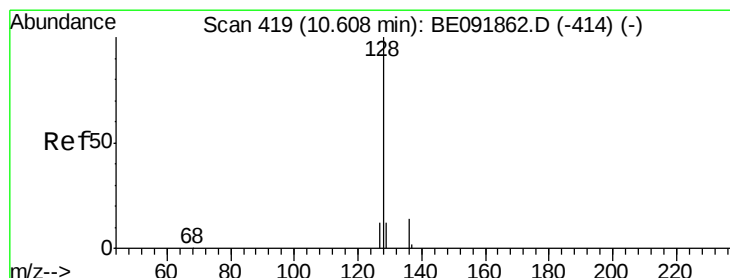
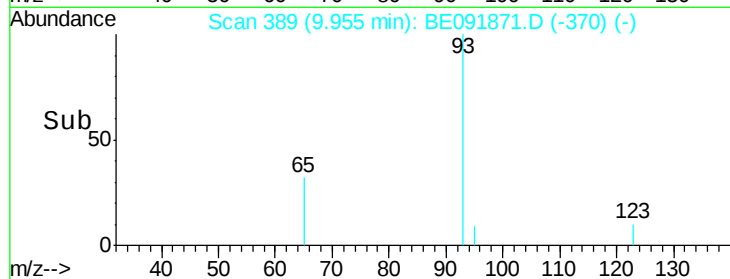
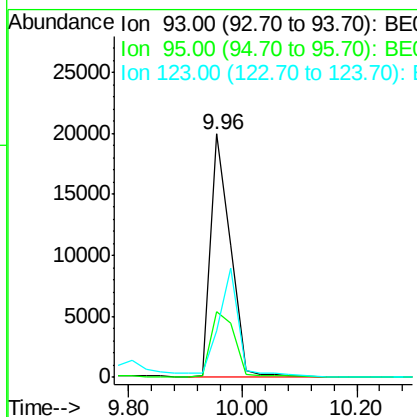
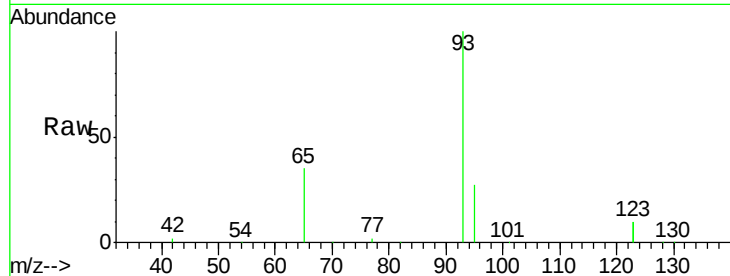
Instrument :
BNA_E
ClientSampleId :
PB90774BS

Tot Ion: 93 Resp: 56164
Ion Ratio Lower Upper
93 100
95 32.7 57.6 86.4#
123 0.0 100.2 150.4#

Manual Integrations
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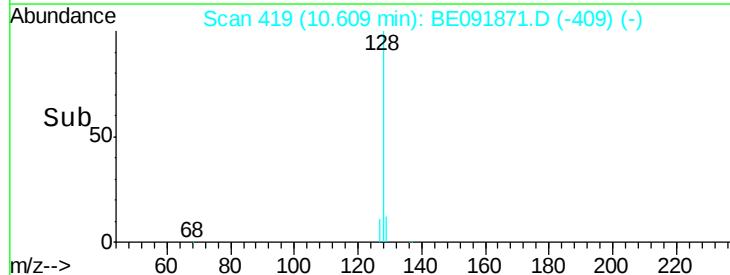
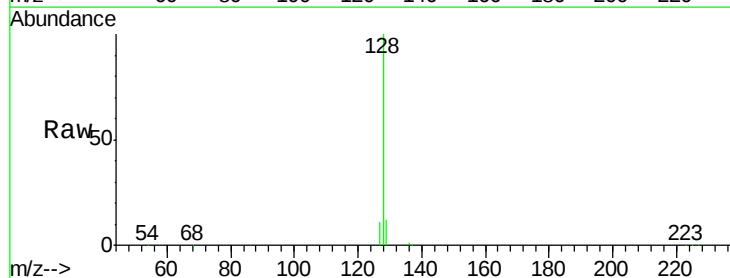
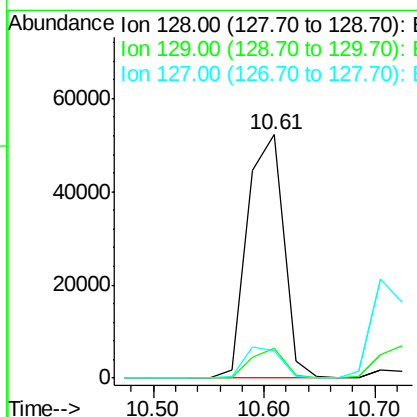
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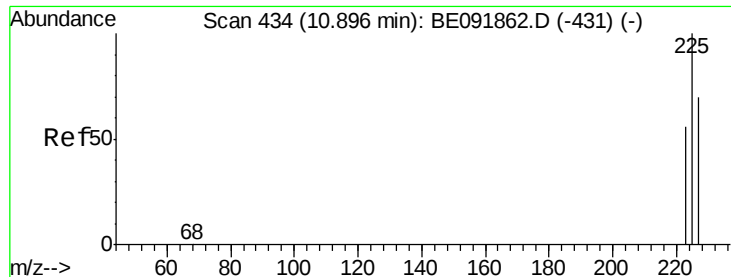
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#12
Naphthalene
Concen: 3.73 ng
RT: 10.61 min Scan# 419
Delta R.T. 0.00 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

Tgt Ion: 128 Resp: 118387
Ion Ratio Lower Upper
128 100
129 12.2 10.4 15.6
127 11.2 10.2 15.2





#13
Hexachlorobutadiene
Concen: 3.55 ng
RT: 10.90 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

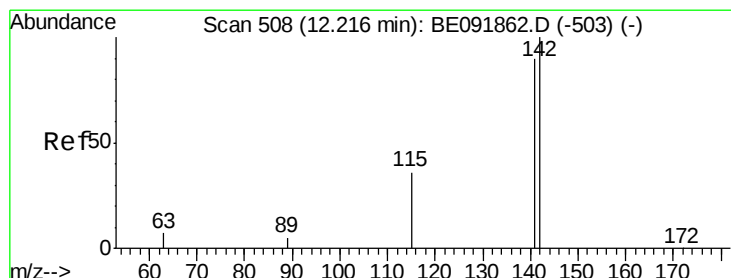
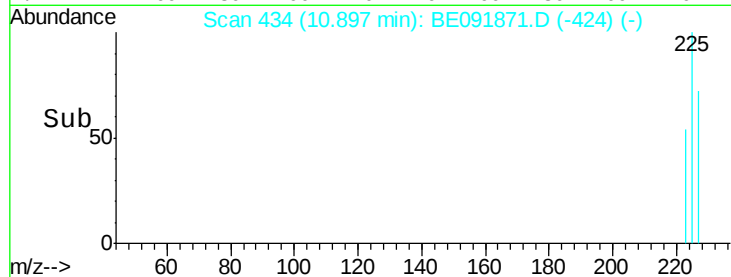
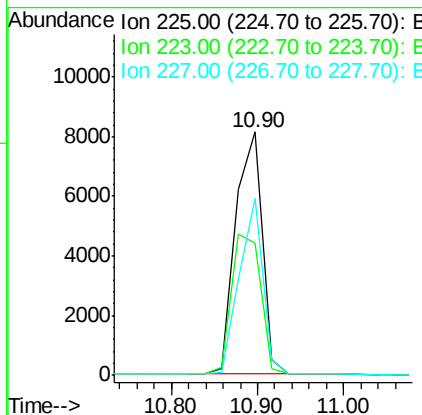
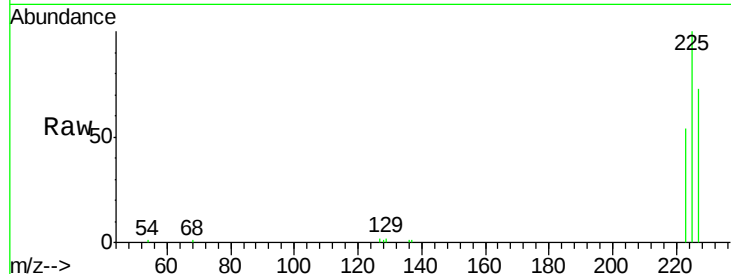
Instrument :
BNA_E
ClientSampleId :
PB90774BS

Tot Ion: 225 Resp: 17326
Ion Ratio Lower Upper
225 100
223 62.9 49.8 74.8
227 64.1 50.6 75.8

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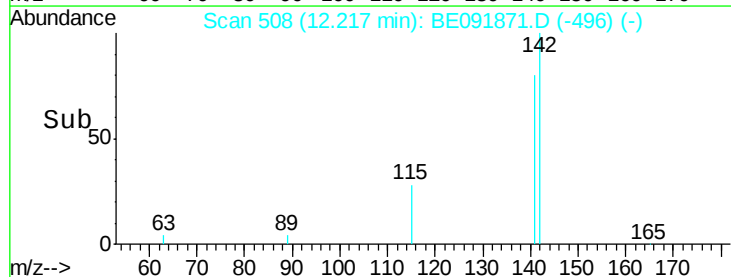
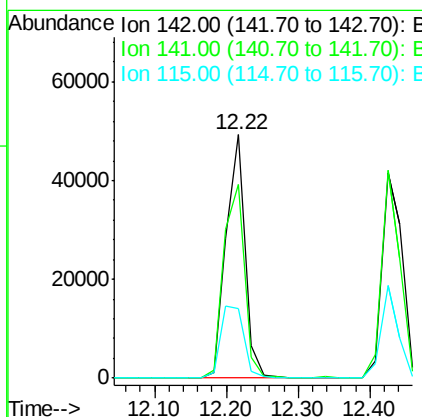
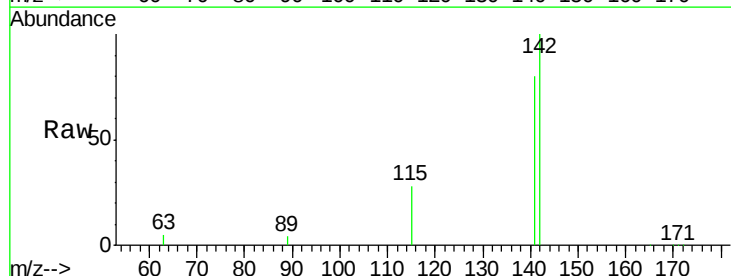
sohil

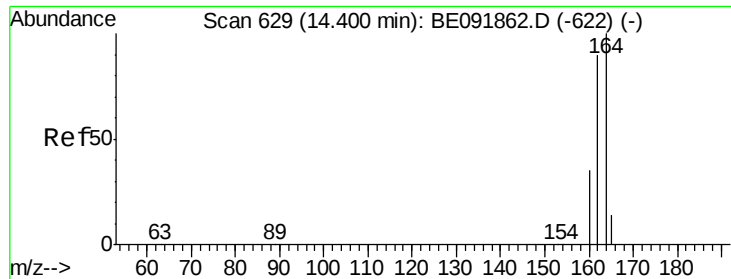
5/26/2016 6:45:54 PM



#14
2-Methylnaphthalene
Concen: 4.21 ng
RT: 12.22 min Scan# 508
Delta R.T. 0.00 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

Tgt Ion: 142 Resp: 89232
Ion Ratio Lower Upper
142 100
141 79.7 71.9 107.9
115 28.5 29.9 44.9#





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 629

Delta R.T. -0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Instrument :

BNA_E

ClientSampleId :

PB90774BS

Tot Ion:164 Resp: 94070

Ion Ratio Lower Upper

164 100

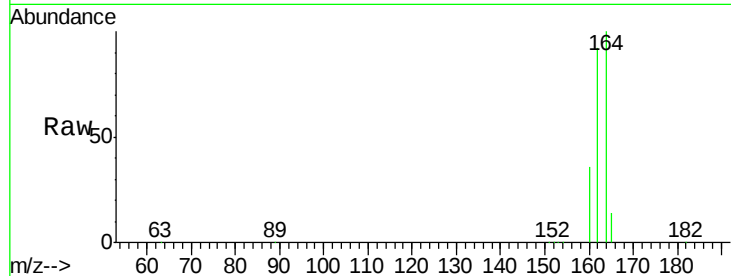
162 92.2 71.8 107.8

160 36.3 28.0 42.0

Manual Integrations
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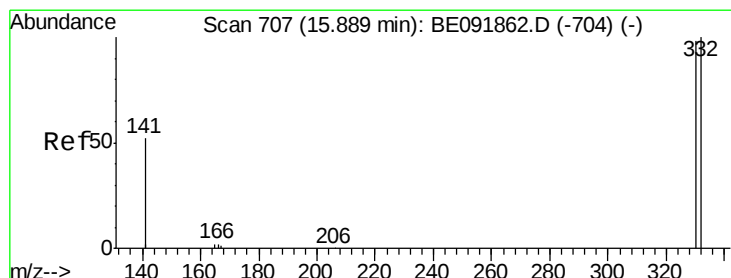
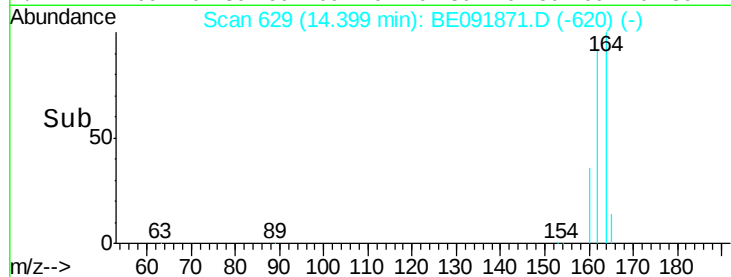
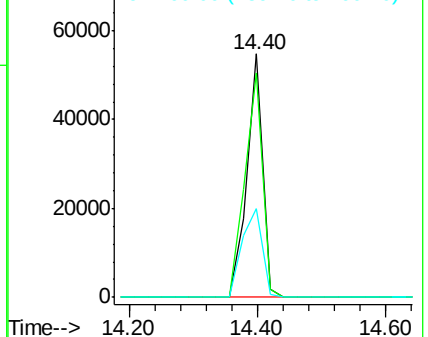
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 7.40 ng

RT: 15.87 min Scan# 706

Delta R.T. -0.02 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

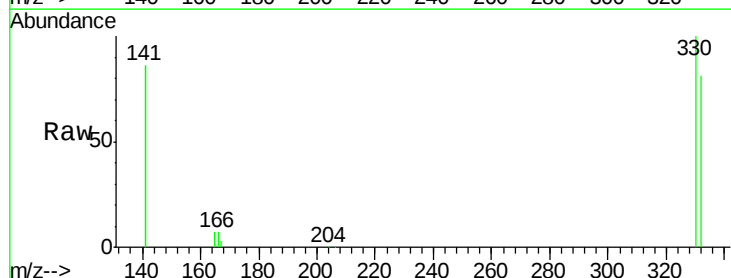
Tgt Ion:330 Resp: 31038

Ion Ratio Lower Upper

330 100

332 95.3 77.0 115.6

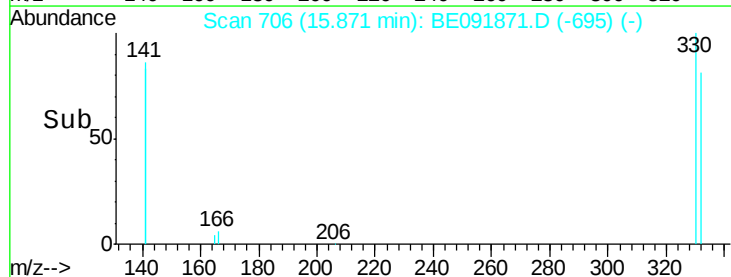
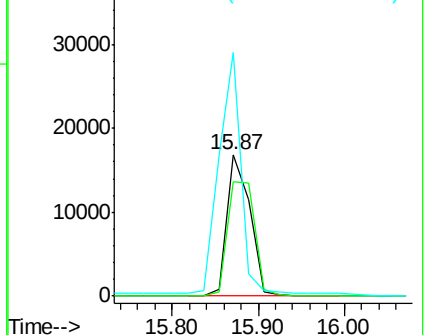
141 162.5 138.4 207.6

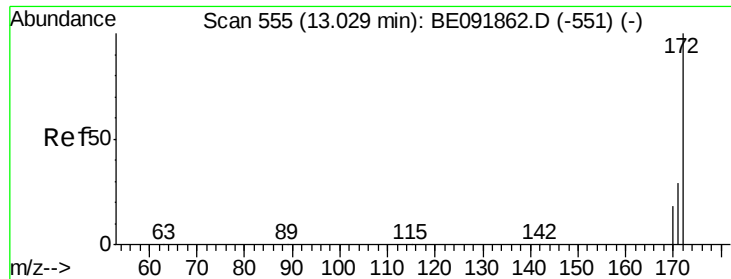


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#17
2-Fluorobiphenyl
Concen: 3.73 ng
RT: 13.01 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

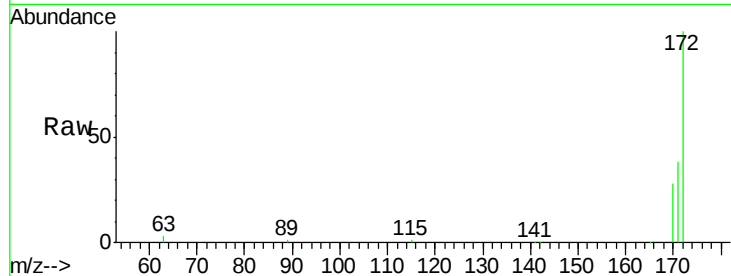
Instrument :
BNA_E
ClientSampleId :
PB90774BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.4	24.3	36.5#
170	28.3	14.9	22.3#

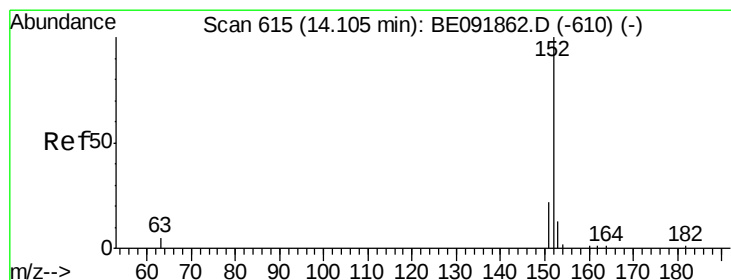
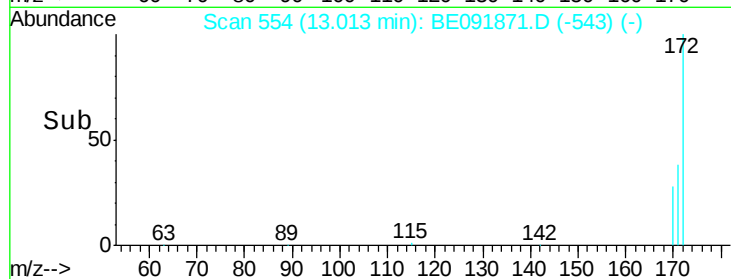
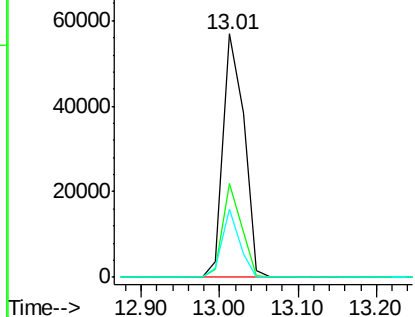
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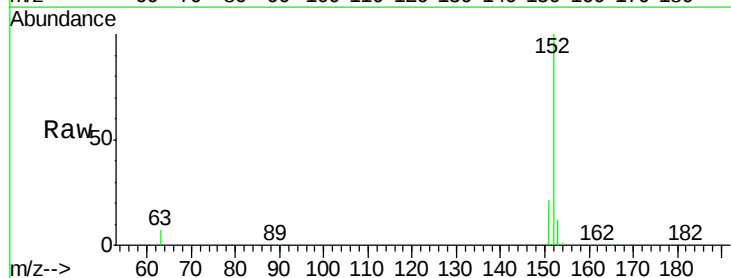


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

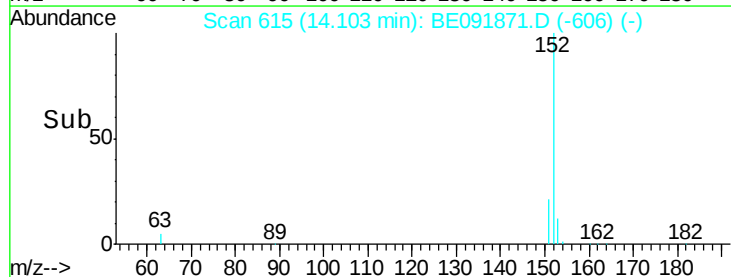
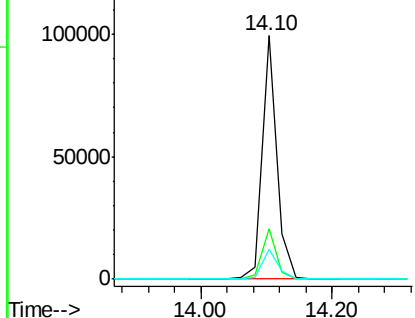


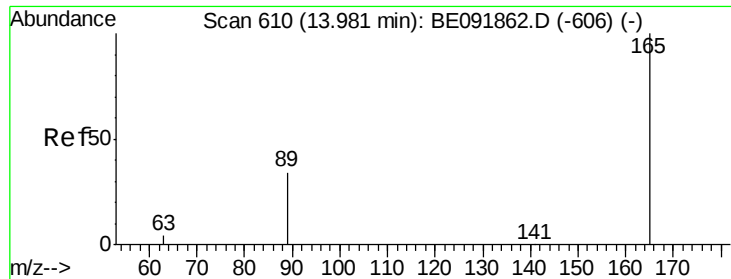
#18
Acenaphthylene
Concen: 4.11 ng
RT: 14.10 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.4	19.4	29.2
153	13.3	14.4	21.6#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E





#19
 2,6-Dinitrotoluene
 Concen: 4.46 ng
 RT: 13.96 min Scan# 609
 Delta R.T. -0.02 min
 Lab File: BE091871.D
 Acq: 25 May 2016 22:58

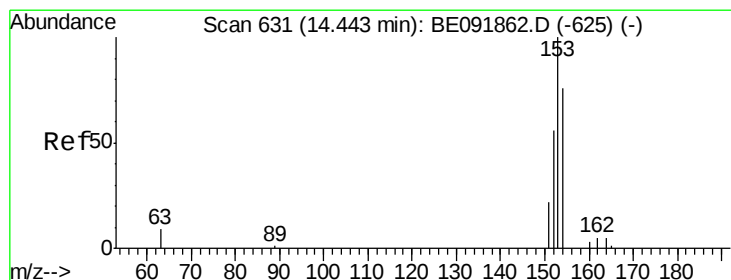
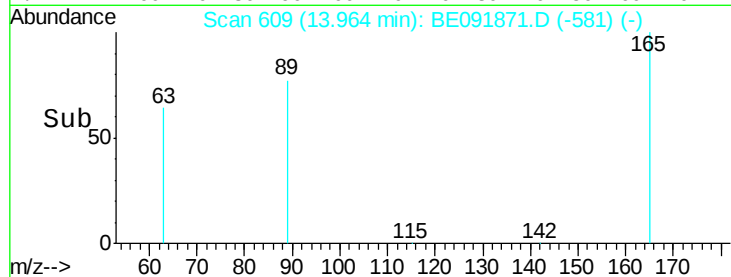
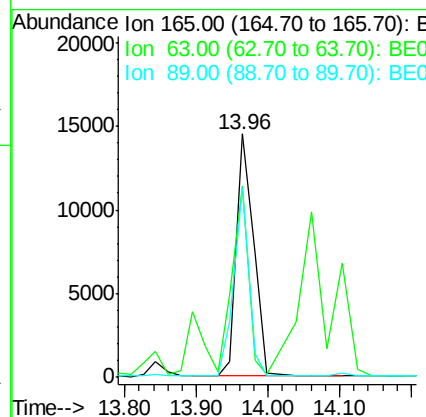
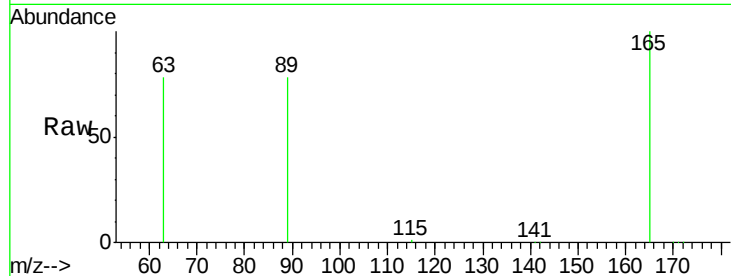
Instrument :
 BNA_E
 ClientSampleId :
 PB90774BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	28593		
63	61.8	65.9	98.9#	
89	67.9	59.1	88.7	

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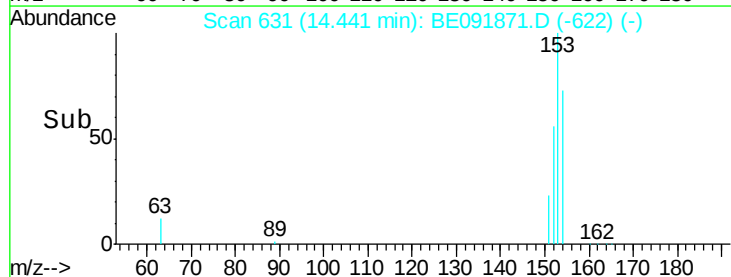
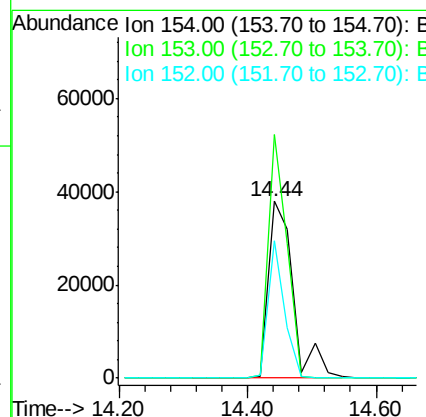
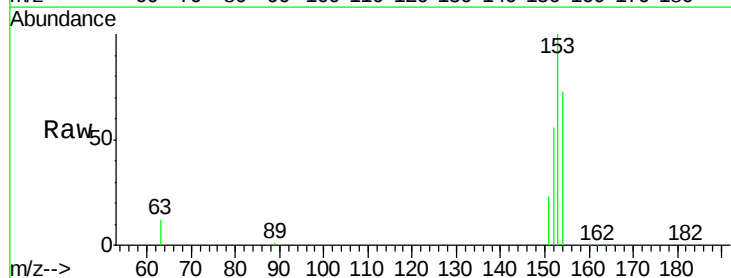
sohil

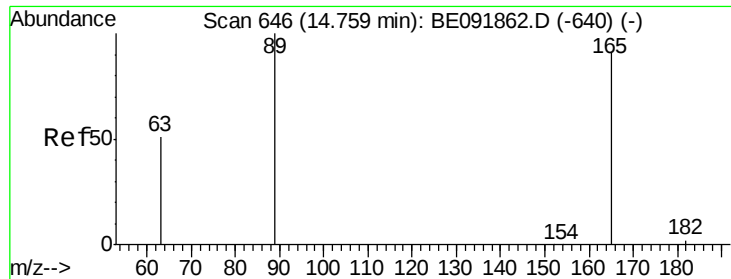
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#20
 Acenaphthene
 Concen: 4.58 ng
 RT: 14.44 min Scan# 631
 Delta R.T. -0.00 min
 Lab File: BE091871.D
 Acq: 25 May 2016 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	101958		
153	102.1	88.1	132.1	
152	50.8	44.2	66.2	





#21

2,4-Dinitrotoluene

Concen: 4.02 ng

RT: 14.76 min Scan# 646

Delta R.T. -0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Instrument :

BNA_E

ClientSampleId :

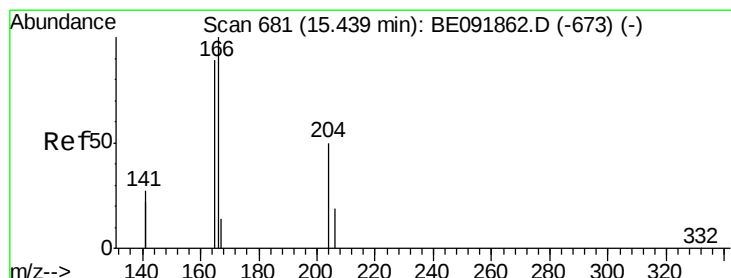
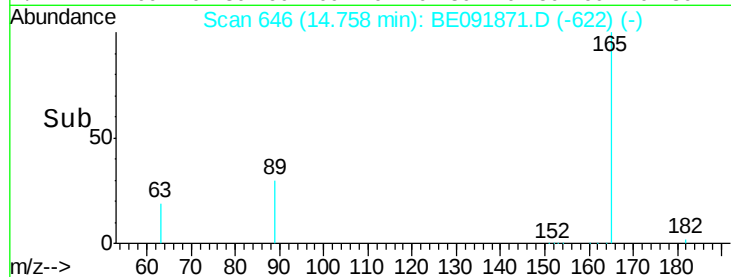
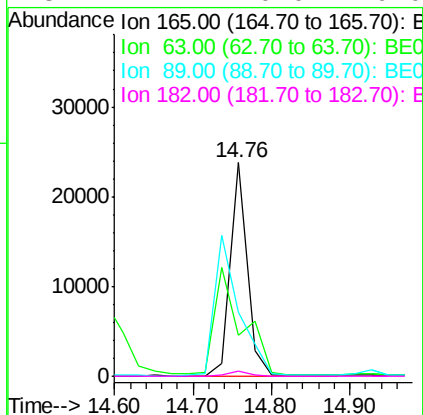
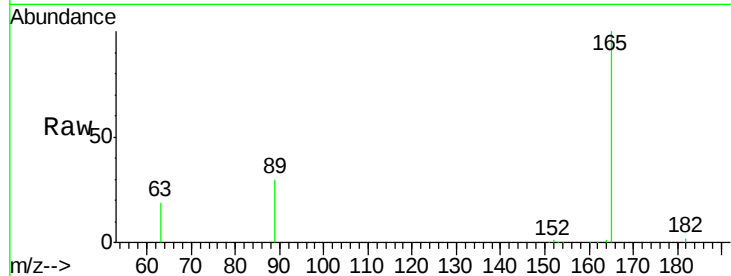
PB90774BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	0.0	99.8	149.8#
182	2.2	0.0	0.0#

Manual Integrations
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#22

Fluorene

Concen: 3.81 ng

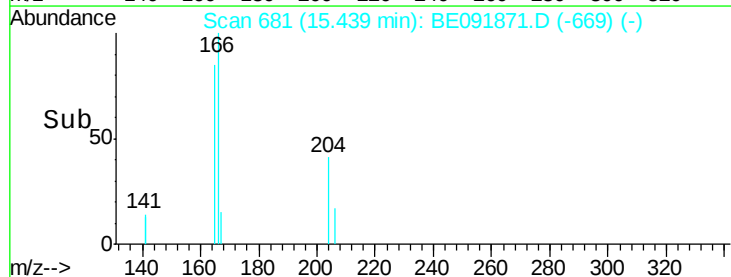
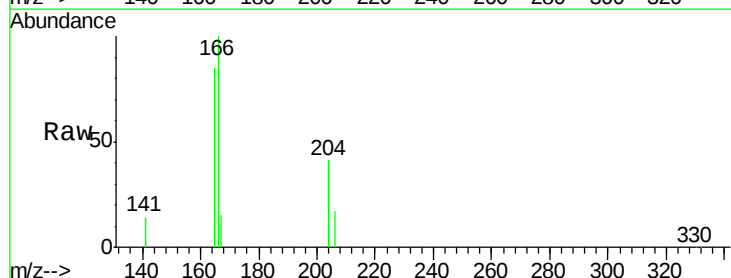
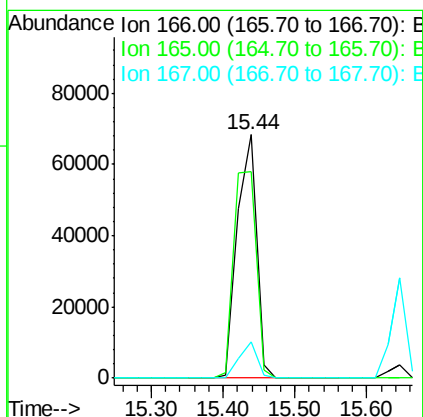
RT: 15.44 min Scan# 681

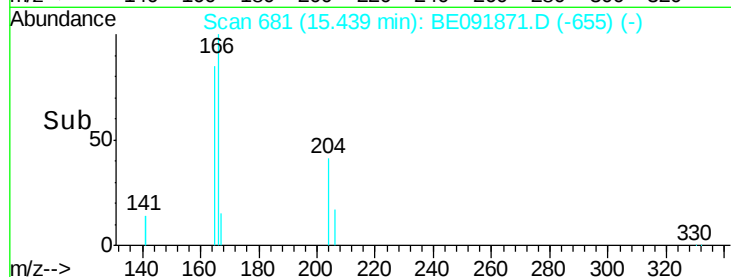
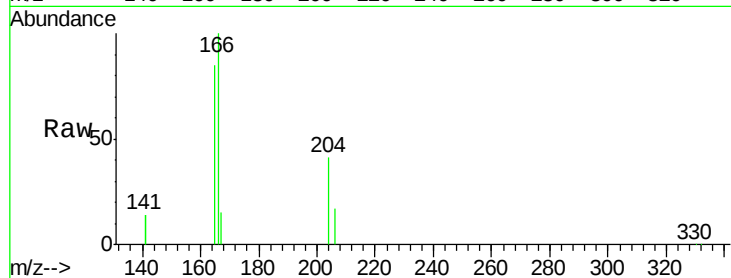
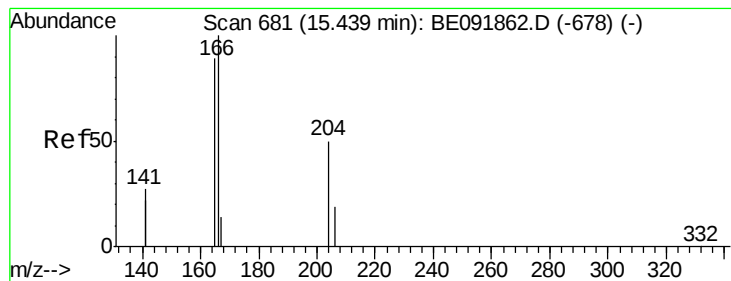
Delta R.T. 0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	78.6	117.8
167	13.5	10.8	16.2





#23
4-Chlorophenyl-phenylether
Concen: 4.14 ng
RT: 15.44 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

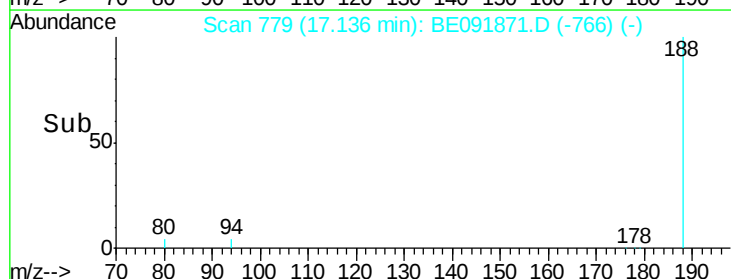
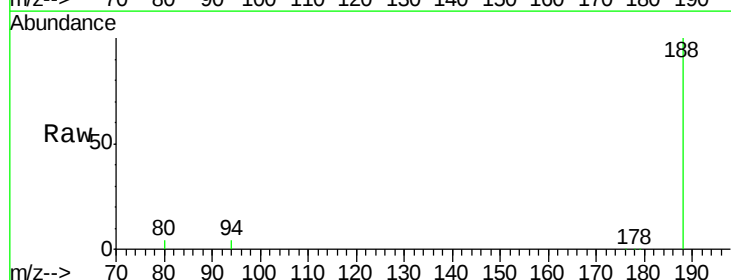
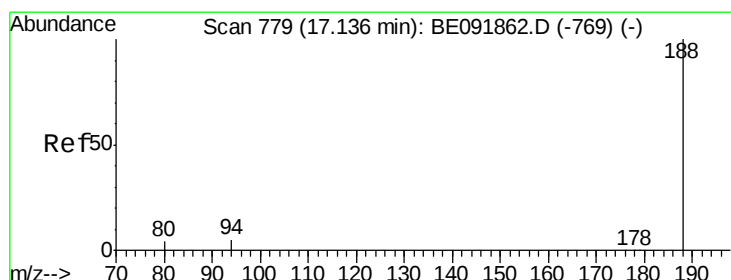
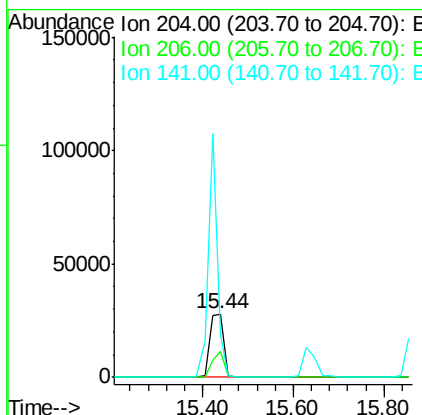
Instrument :
BNA_E
ClientSampled :
PB90774BS

Tot Ion:204 Resp: 59019
Ion Ratio Lower Upper
204 100
206 34.0 27.8 41.6
141 250.2 197.6 296.4

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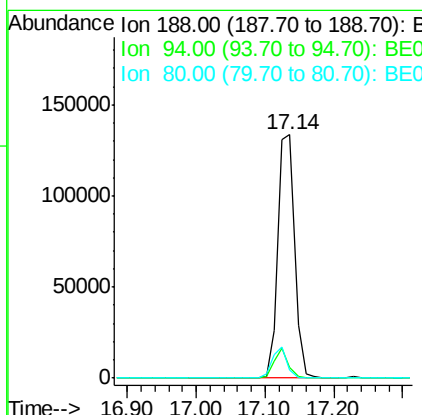
sohil

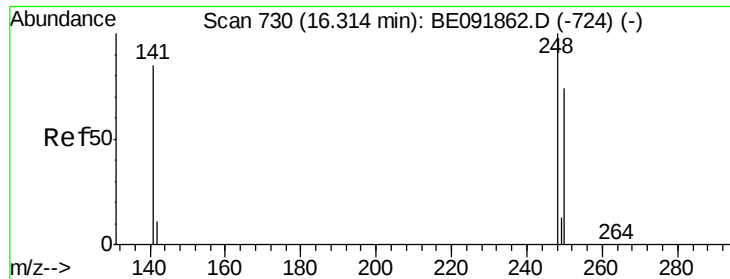
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

Tgt Ion:188 Resp: 264663
Ion Ratio Lower Upper
188 100
94 4.4 4.1 6.1
80 3.6 3.4 5.2





#25

4-Bromophenyl-phenylether

Concen: 3.95 ng

RT: 16.31 min Scan# 730

Delta R.T. 0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Instrument :

BNA_E

ClientSampleId :

PB90774BS

Tot Ion:248 Resp: 37378

Ion Ratio Lower Upper

248 100

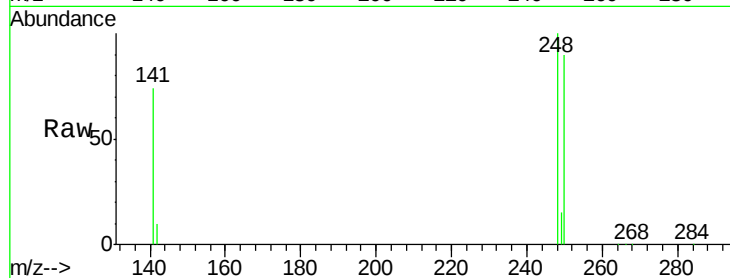
250 97.3 75.7 113.5

141 80.5 64.6 97.0

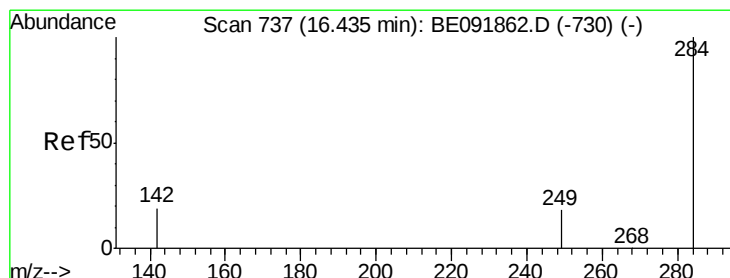
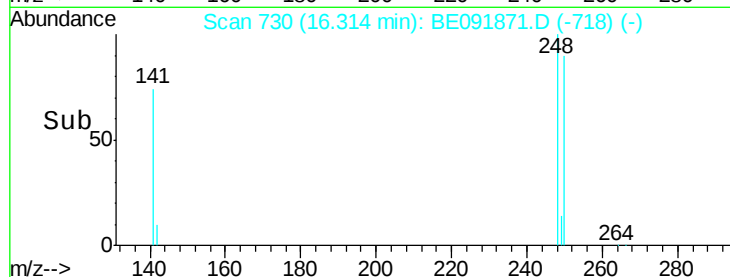
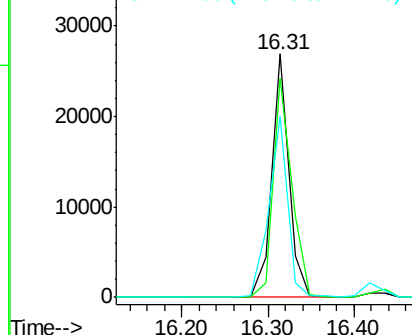
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#26

Hexachlorobenzene

Concen: 4.22 ng m

RT: 16.44 min Scan# 737

Delta R.T. 0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

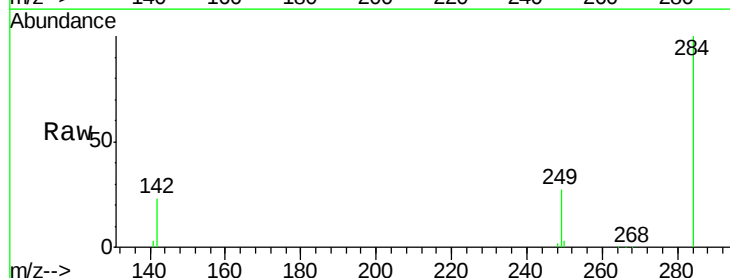
Tgt Ion:284 Resp: 38055

Ion Ratio Lower Upper

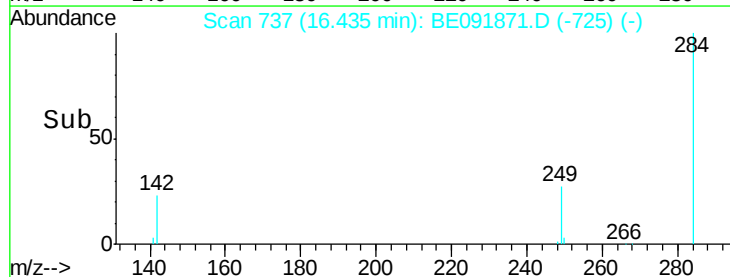
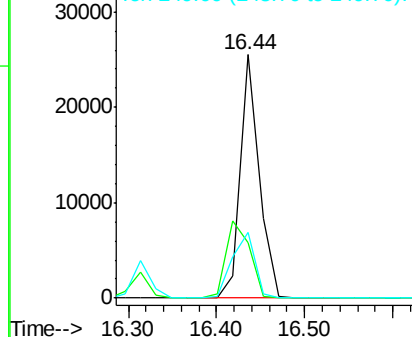
284 100

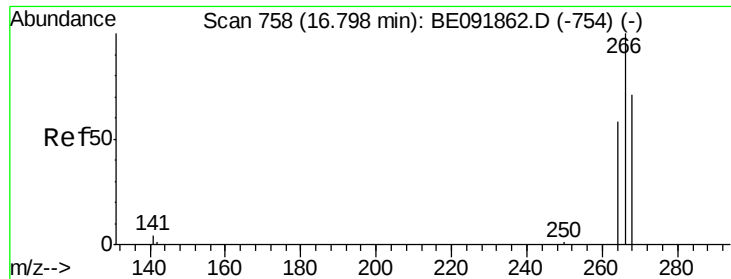
142 38.9 31.4 47.2

249 31.7 25.3 37.9



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#27
 Pentachlorophenol
 Concen: 11.51 ng
 RT: 16.78 min Scan# 757
 Delta R.T. -0.02 min
 Lab File: BE091871.D
 Acq: 25 May 2016 22:58

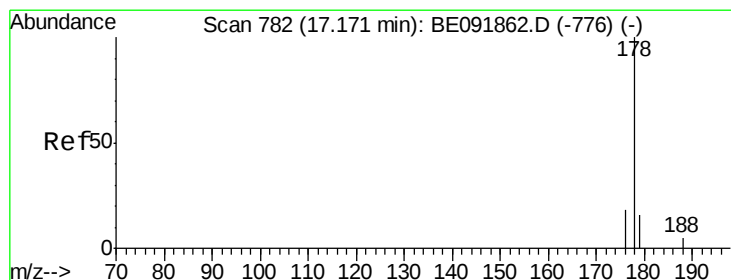
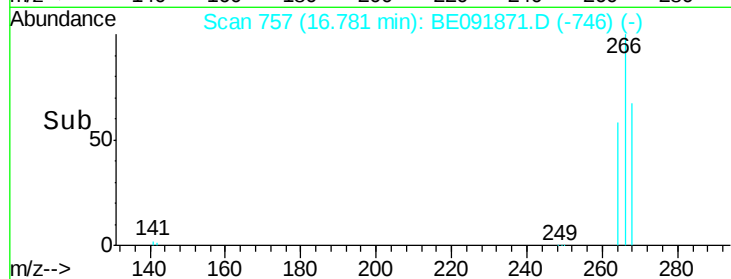
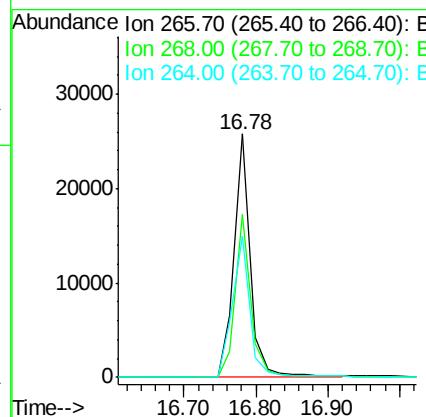
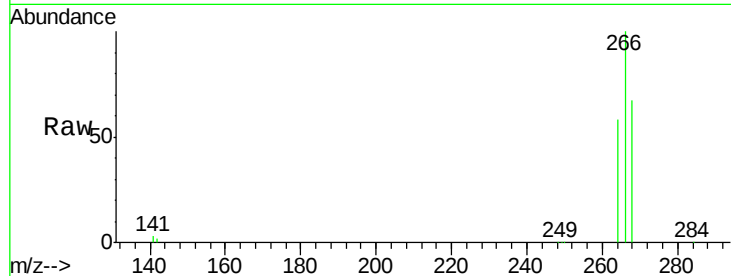
Instrument :
 BNA_E
 ClientSampleId :
 PB90774BS

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.7	60.5	90.7
264	58.1	51.0	76.4

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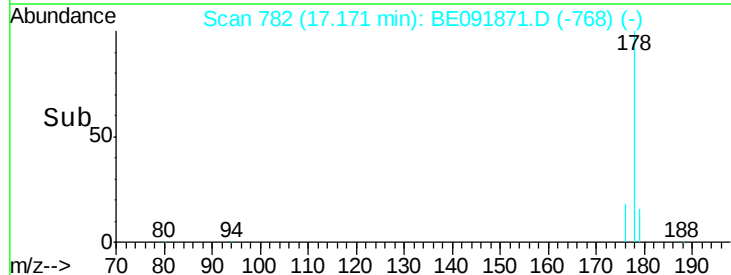
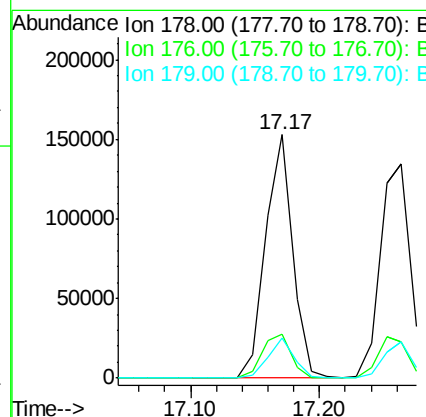
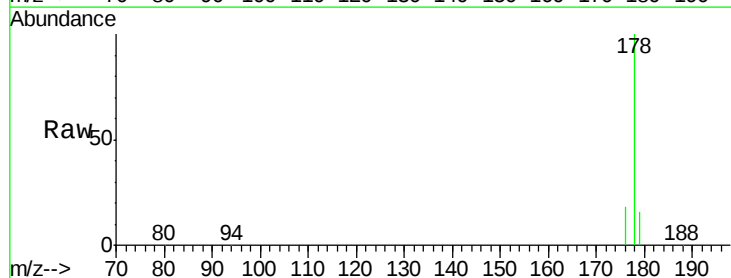
sohil

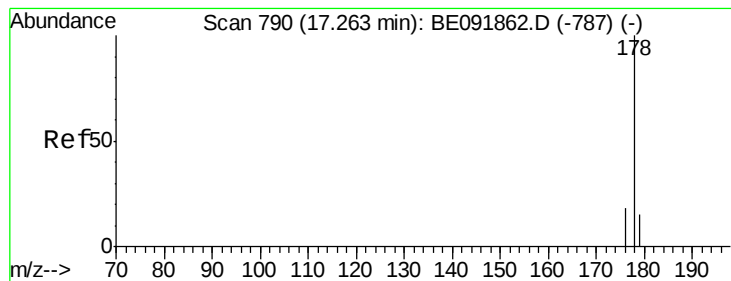
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#28
 Phenanthrene
 Concen: 4.54 ng
 RT: 17.17 min Scan# 782
 Delta R.T. 0.00 min
 Lab File: BE091871.D
 Acq: 25 May 2016 22:58

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	15.6	12.9	19.3





#29

Anthracene

Concen: 4.20 ng

RT: 17.26 min Scan# 790

Delta R.T. 0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Instrument :

BNA_E

ClientSampleId :

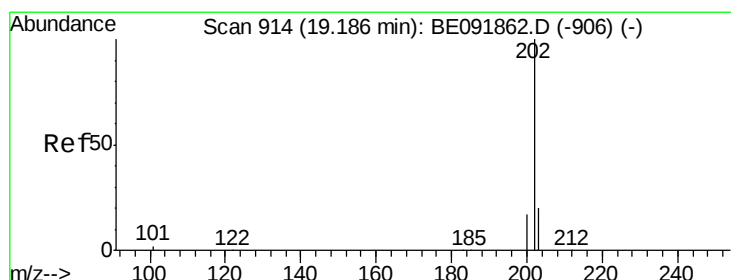
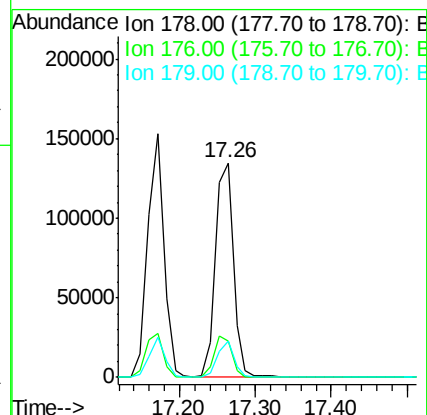
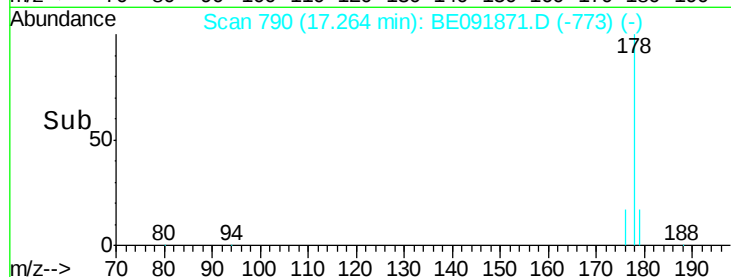
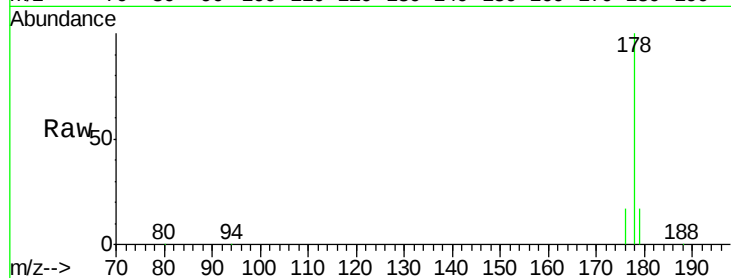
PB90774BS

Tot Ion:	178	Resp:	221958
Ion Ratio	Lower	Upper	
178	100		
176	18.9	15.1	22.7
179	15.2	12.1	18.1

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#30

Fluoranthene

Concen: 4.33 ng

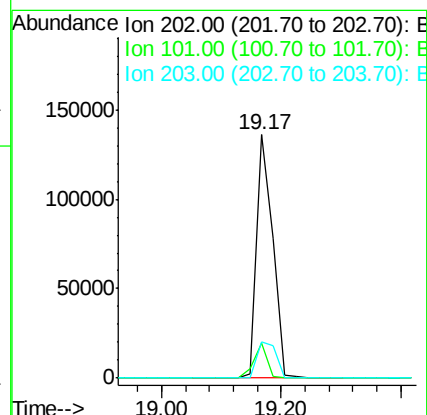
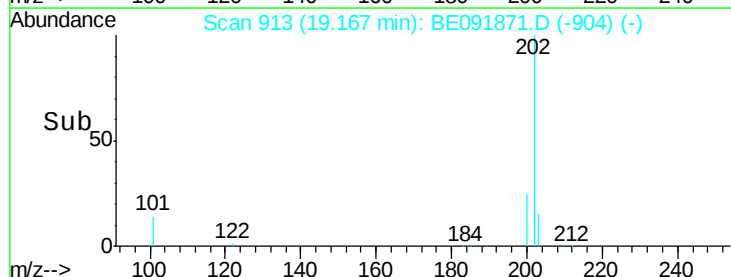
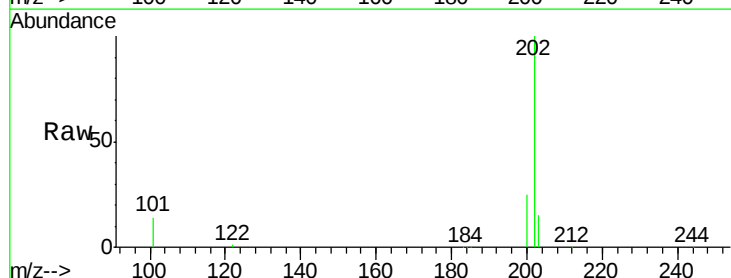
RT: 19.17 min Scan# 913

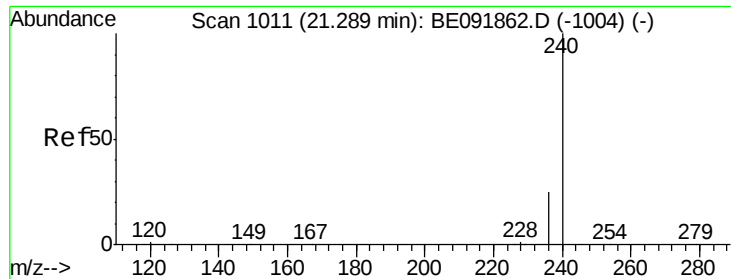
Delta R.T. -0.02 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Tgt Ion:	202	Resp:	254099
Ion Ratio	Lower	Upper	
202	100		
101	11.8	9.4	14.0
203	17.9	14.3	21.5





#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

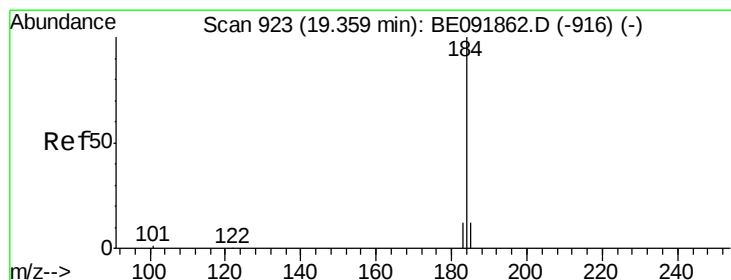
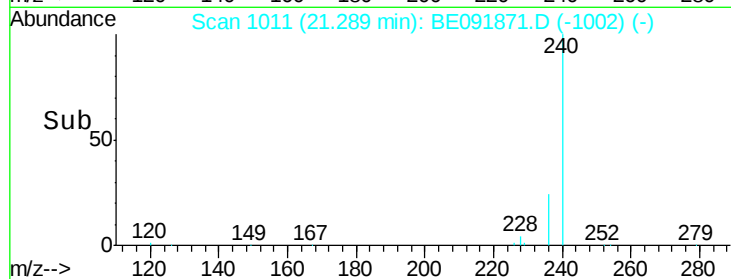
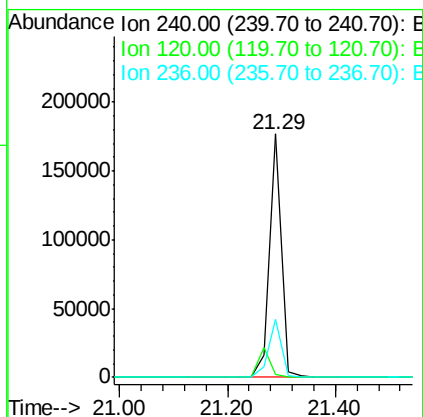
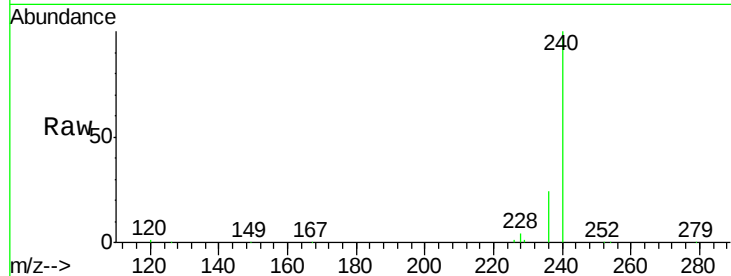
Instrument :
BNA_E
ClientSampleId :
PB90774BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	1.2	1.2	1.8
236	24.0	19.8	29.8

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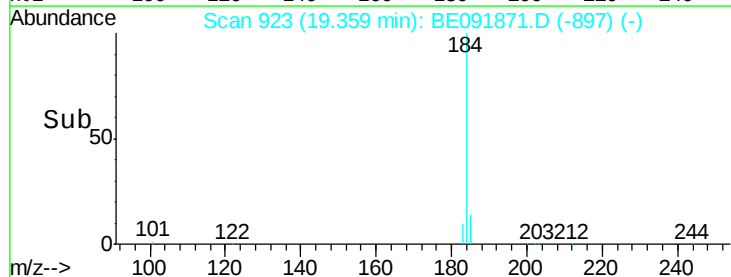
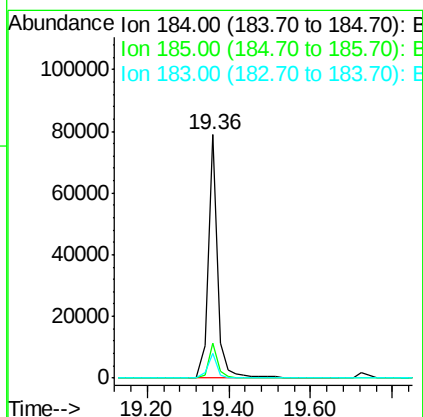
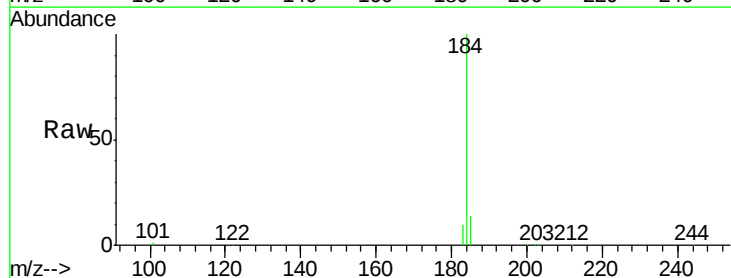
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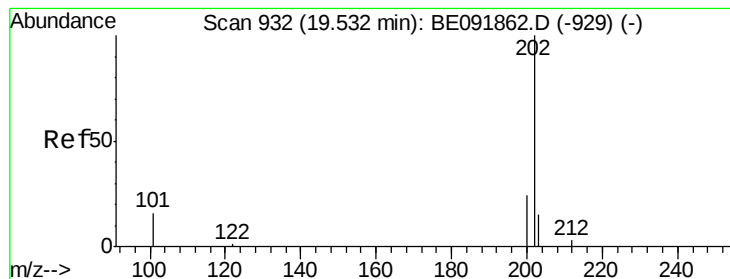
5/26/2016 6:45:54 PM



#32
Benzidine
Concen: 4.98 ng
RT: 19.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.4	17.2
183	10.1	11.8	17.6





#33

Pvrene

Concen: 4.83 ng

RT: 19.53 min Scan# 932

Delta R.T. 0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Instrument :

BNA_E

ClientSampleId :

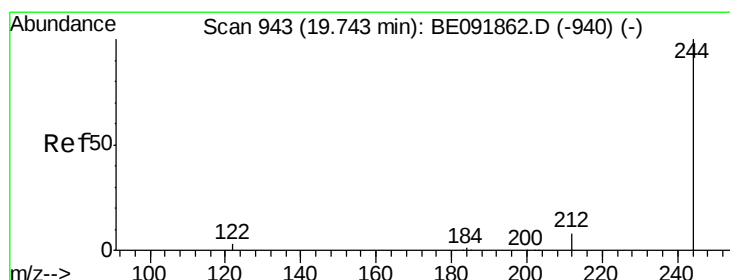
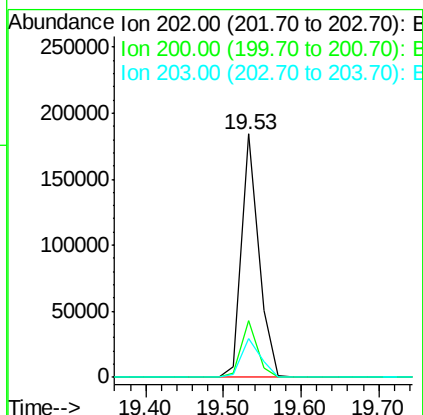
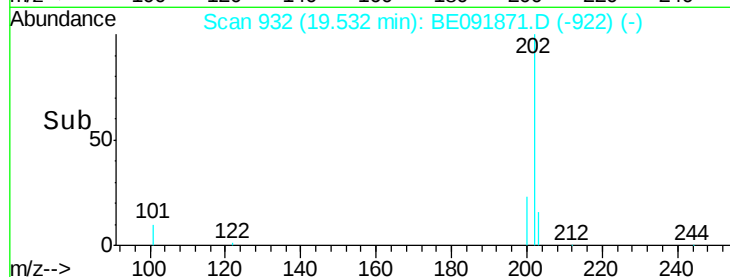
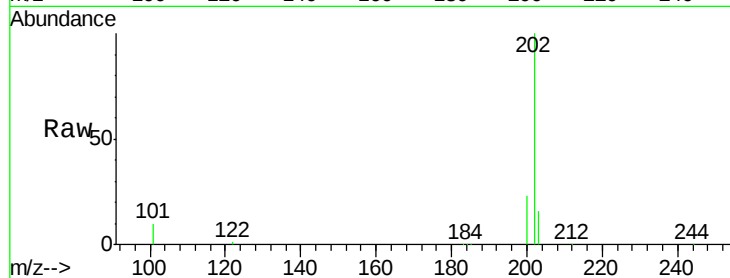
PB90774BS

Tot Ion:	202	Resp:	281714
Ion Ratio	Lower	Upper	
202	100		
200	21.8	16.9	25.3
203	17.9	14.1	21.1

Manual Integrations
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#34

Terphenyl-d14

Concen: 4.38 ng

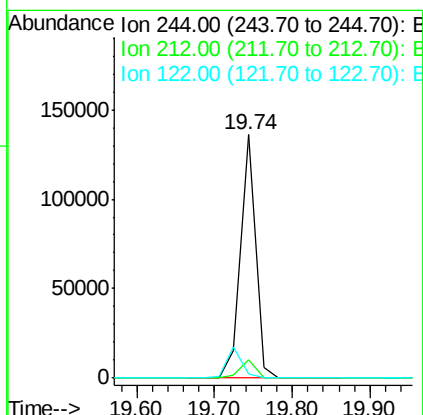
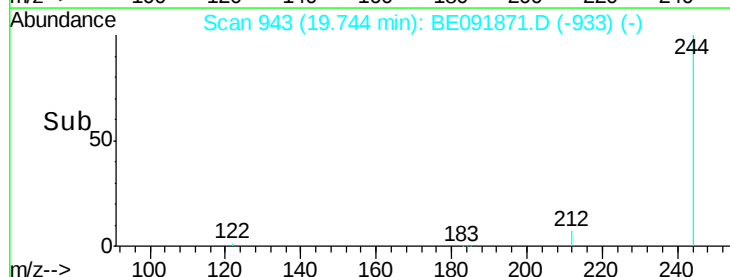
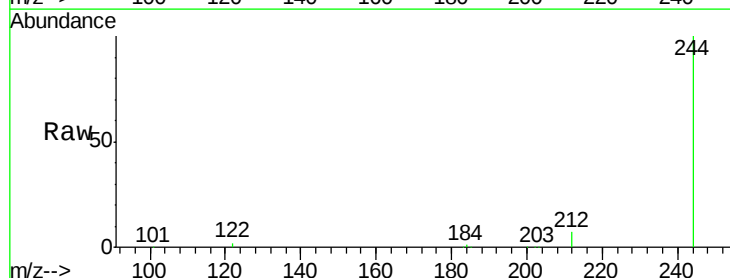
RT: 19.74 min Scan# 943

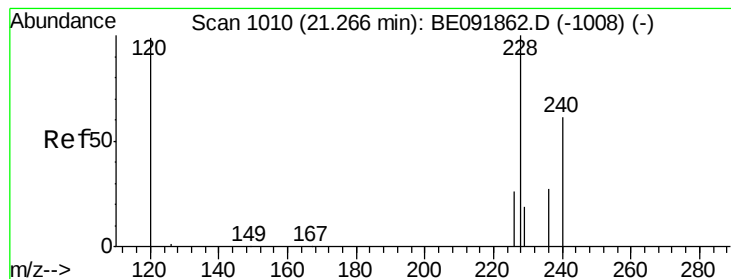
Delta R.T. 0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Tgt Ion:	244	Resp:	182079
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.5	9.7
122	1.6	2.9	4.3#





#35

Benzo(a)anthracene

Concen: 4.30 ng/mL

RT: 21.27 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Instrument :

BNA_E

ClientSampleID :

PB90774BS

Tot Ion: 228 Resp: 315541

Ion Ratio Lower Upper

228 100

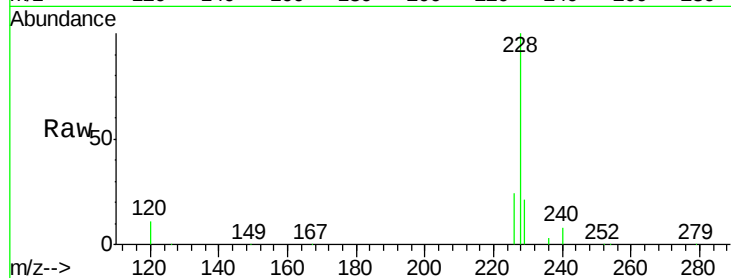
226 24.3 21.0 31.4

229 21.1 15.8 23.8

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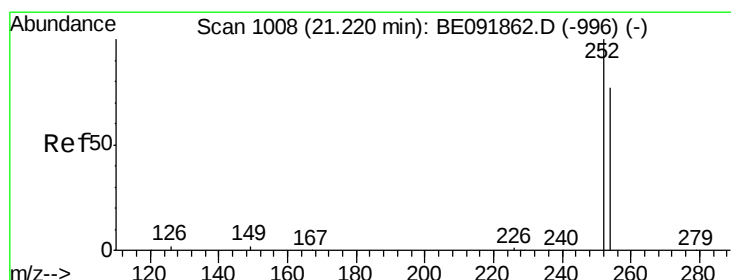
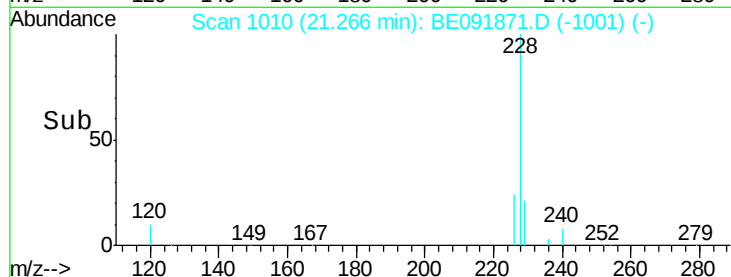
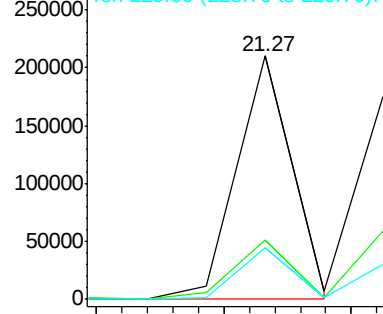


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#36

3,3'-Dichlorobenzidine

Concen: 1.71 ng/mL

RT: 21.20 min Scan# 1007

Delta R.T. -0.02 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

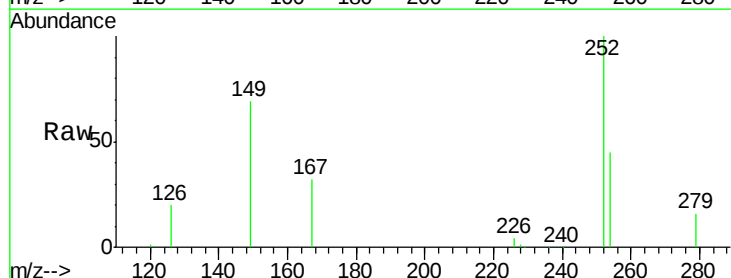
Tgt Ion: 252 Resp: 68820

Ion Ratio Lower Upper

252 100

254 44.9 61.5 92.3#

126 19.8 2.5 3.7#

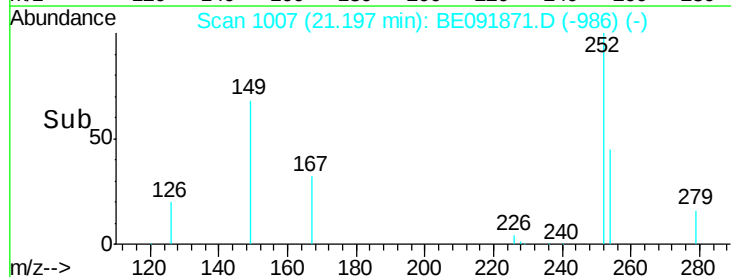
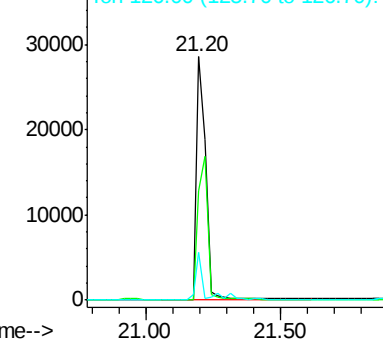


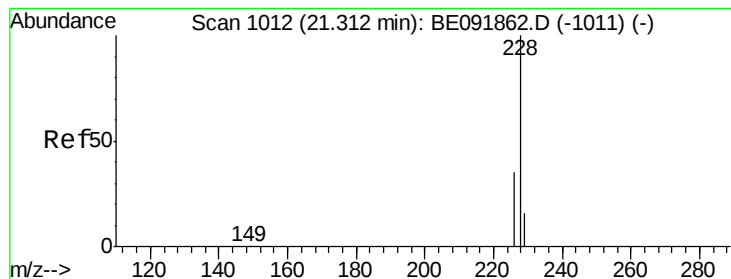
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 5.16 ng/mL

RT: 21.31 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Instrument :

BNA_E

ClientSampleID :

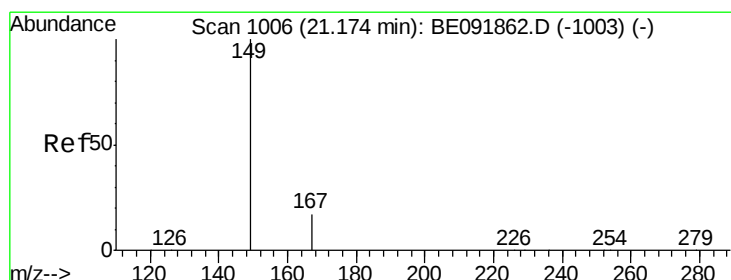
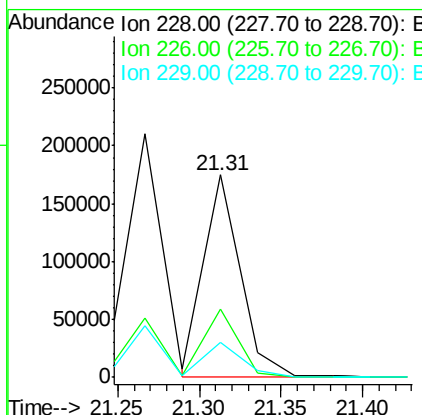
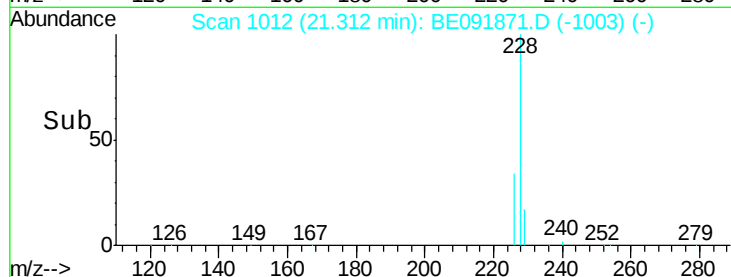
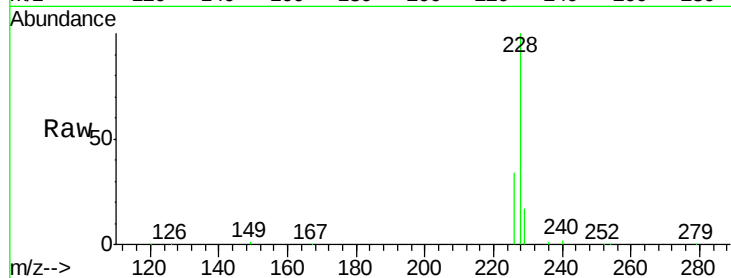
PB90774BS

Tot Ion:	228	Resp:	274020
Ion Ratio	Lower	Upper	
228	100		
226	33.8	27.0	40.6
229	17.2	13.8	20.8

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#38

Bis(2-ethylhexyl)phthalate

Concen: 4.44 ng/mL

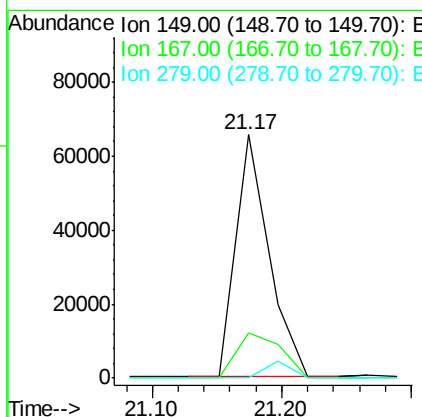
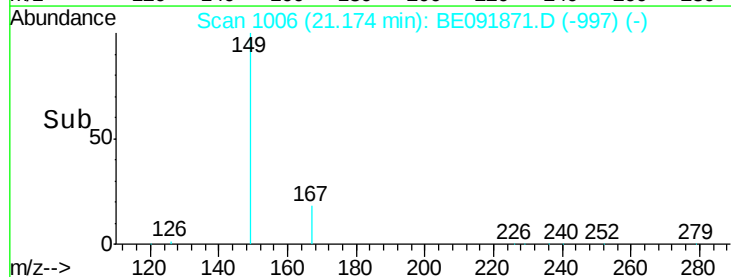
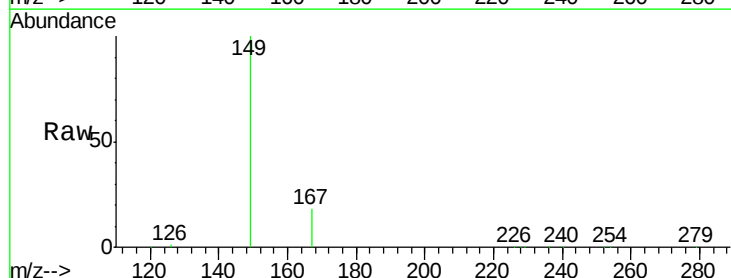
RT: 21.17 min Scan# 1006

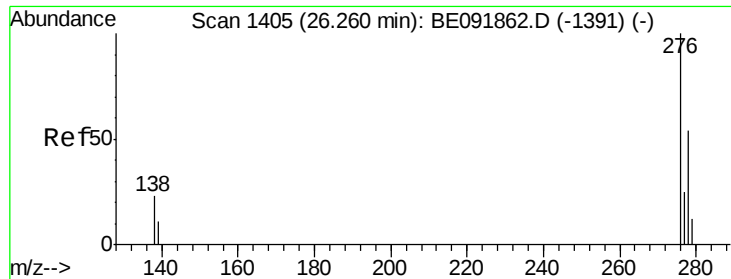
Delta R.T. 0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Tgt Ion:	149	Resp:	118256
Ion Ratio	Lower	Upper	
149	100		
167	25.0	0.0	0.0#
279	0.0	0.0	0.0





#39
Indeno(1,2,3-cd)pyrene
Concen: 4.29 ng
RT: 26.26 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

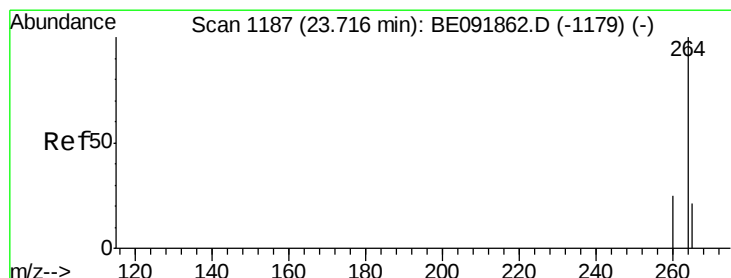
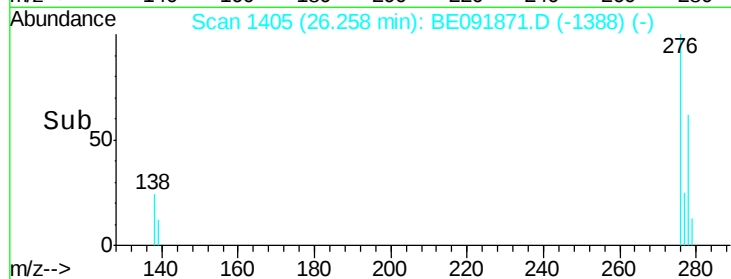
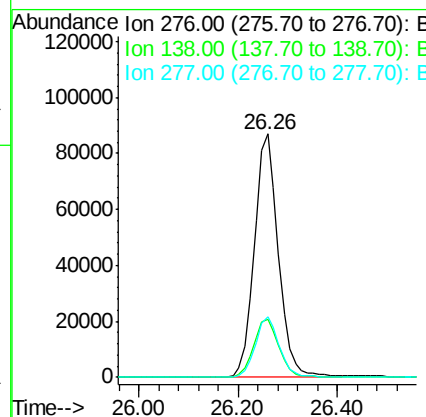
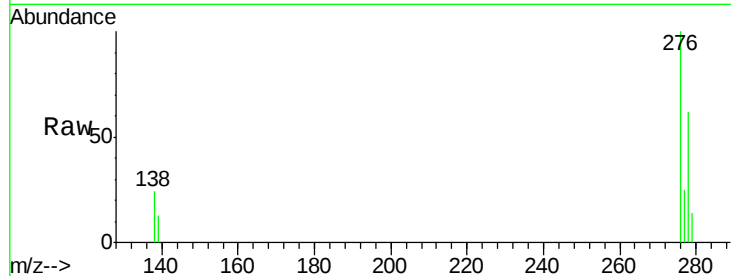
Instrument :
BNA_E
ClientSampleId :
PB90774BS

Tot Ion	Ratio	Resp	Lower	Upper
276	100	295319		
138	24.9		19.7	29.5
277	24.9		20.1	30.1

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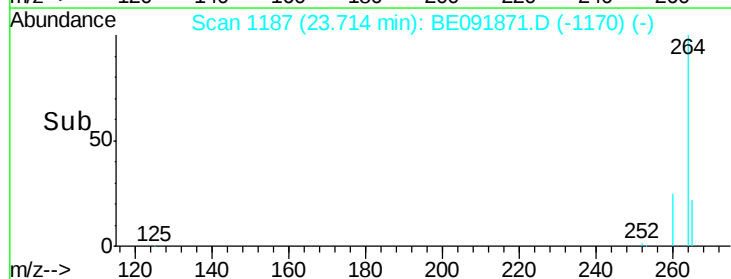
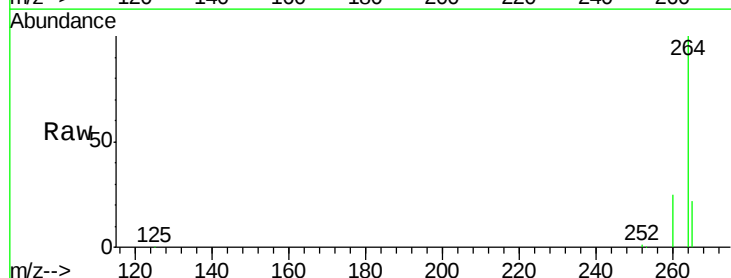
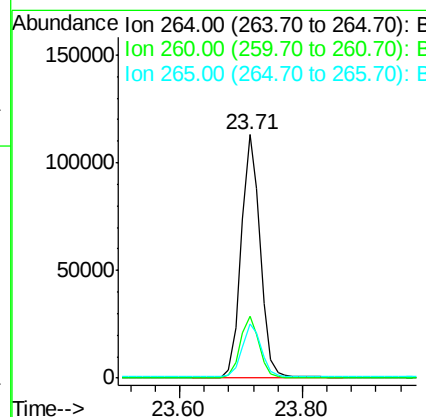
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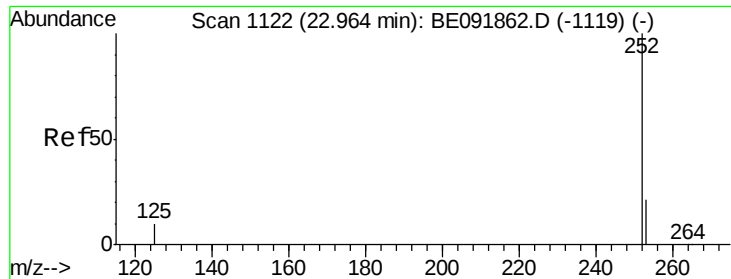
5/26/2016 6:45:54 PM



#40
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	245453		
260	25.4		20.3	30.5
265	22.1		17.6	26.4





#41
Benzo(b)fluoranthene
Concen: 3.99 ng
RT: 22.96 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

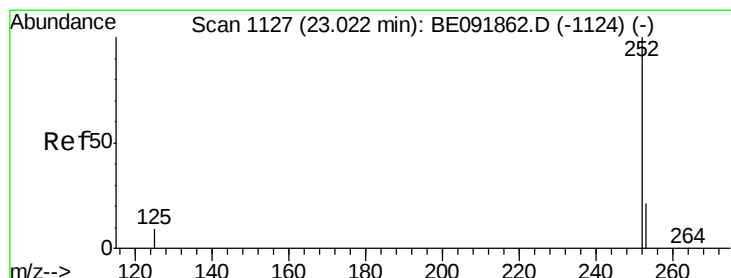
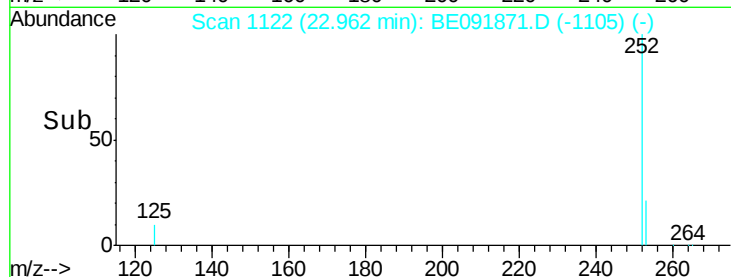
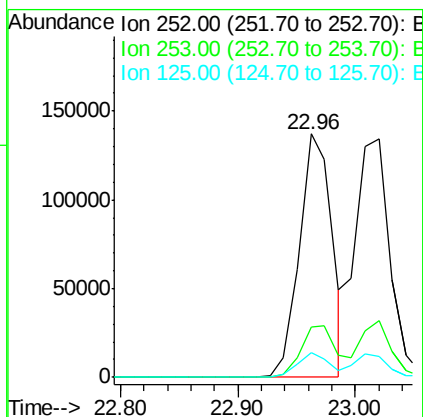
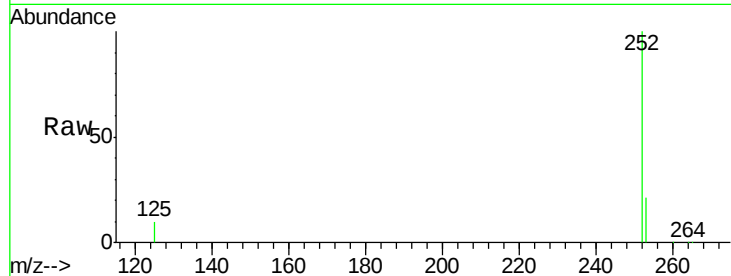
Instrument :
BNA_E
ClientSampleId :
PB90774BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.8	26.6
125	10.4	9.4	14.2

Manual Integrations
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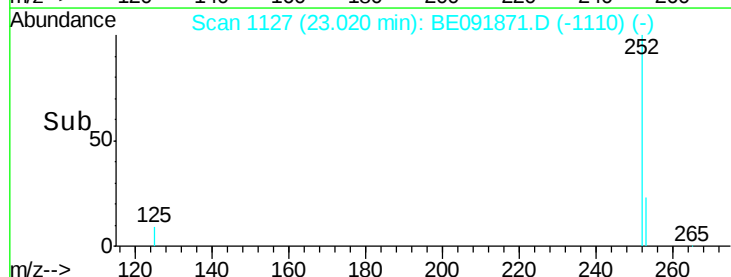
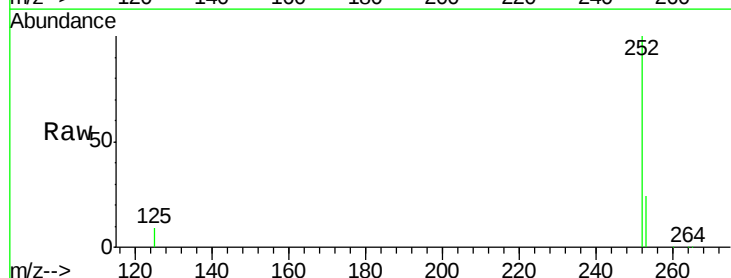
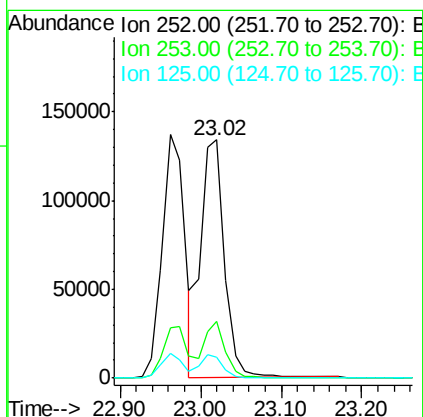
sohil

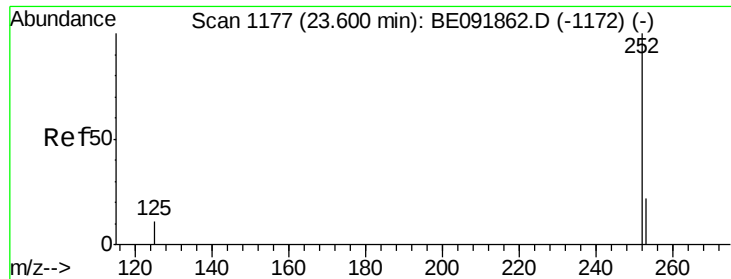
5/26/2016 6:45:54 PM



#42
Benzo(k)fluoranthene
Concen: 4.56 ng
RT: 23.02 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE091871.D
Acq: 25 May 2016 22:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.4	29.2
125	8.8	8.3	12.5





#43

Benzo(a)pyrene

Concen: 4.33 ng

RT: 23.60 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Instrument :

BNA_E

ClientSampleId :

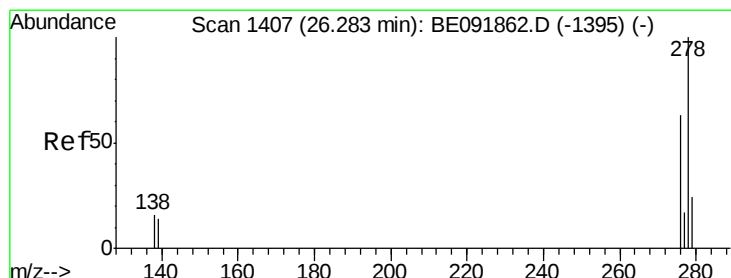
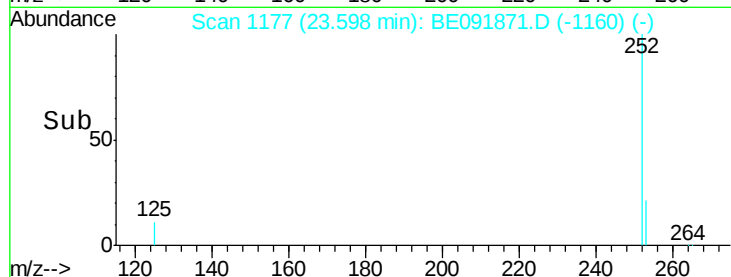
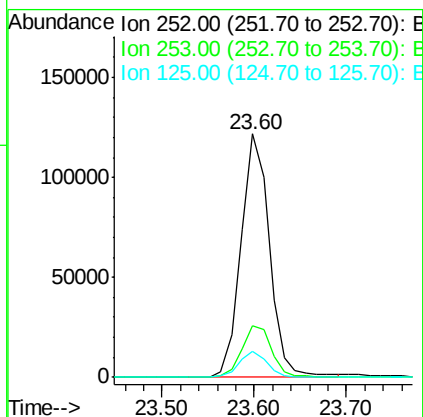
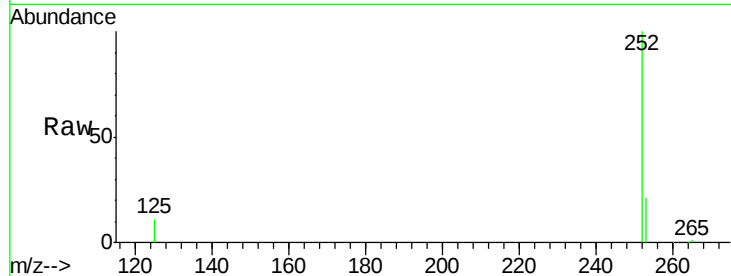
PB90774BS

Tot Ion:	252	Resp:	260154
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.9	28.3
125	10.7	10.5	15.7

Manual Integrations
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#44

Dibenzo(a,h)anthracene

Concen: 4.26 ng

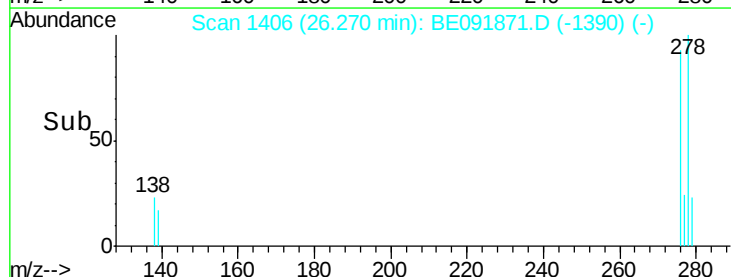
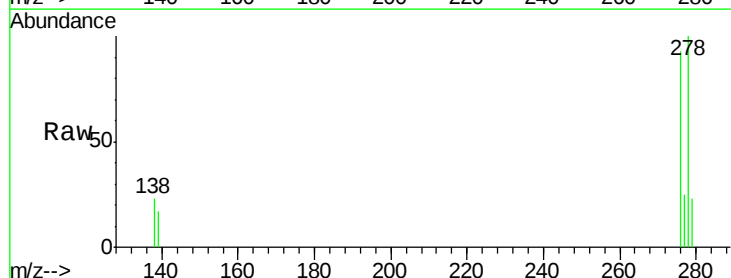
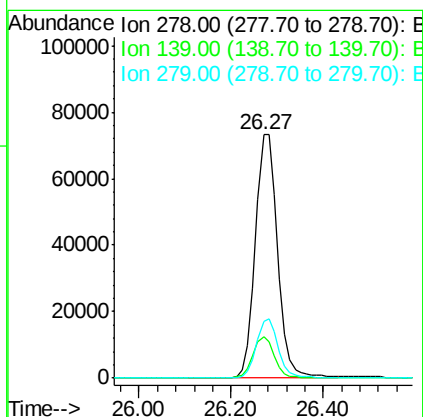
RT: 26.27 min Scan# 1406

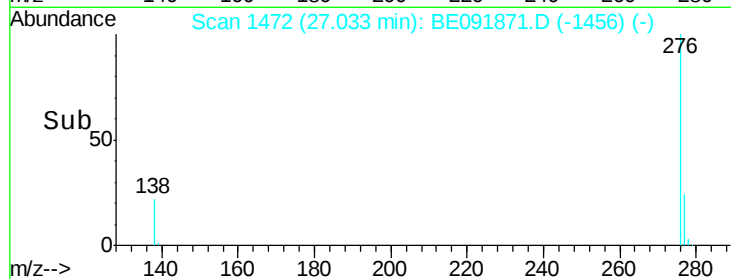
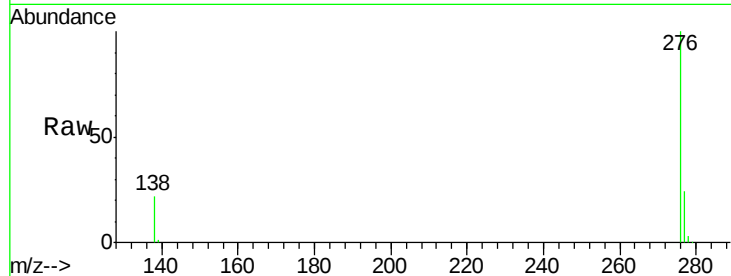
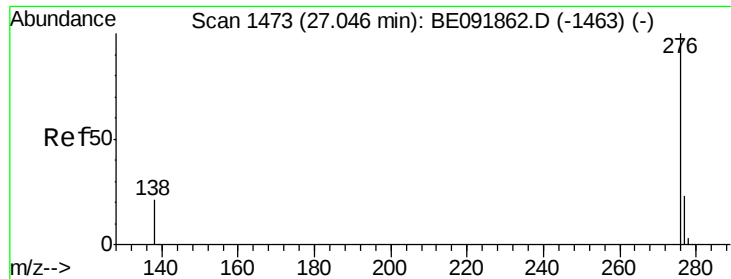
Delta R.T. -0.01 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Tgt Ion:	278	Resp:	244888
Ion Ratio	Lower	Upper	
278	100		
139	16.8	12.6	18.8
279	23.5	20.0	30.0





#45

Benzo(a,h,i)perylene

Concen: 4.26 ng

RT: 27.03 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BE091871.D

Acq: 25 May 2016 22:58

Instrument :

BNA_E

ClientSampleId :

PB90774BS

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.7	19.5	29.3
138	22.2	17.7	26.5

Manual Integrations
APPROVED

sohil

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