

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
 Data File : BE091865.D
 Acq On : 25 May 2016 19:11
 Operator : UM/SJ
 Sample : H3156-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SP-001-160517MS

Manual Integrations
 APPROVED

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 6/6/2016 7:32:34 PM

Quant Time: May 25 19:52:06 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	7.79	152	32550	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	164250	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	102843	5.00	ng	0.00
24) Phenanthrene-d10	17.14	188	257363	5.00	ng	0.00
31) Chrysene-d12	21.29	240	333581	5.00	ng	0.00
40) Perylene-d12	23.73	264	280536	5.00	ng	0.01

System Monitoring Compounds						
4) 2-Fluorophenol	5.38	112	66597	7.16	ng	-0.02
5) Phenol-d6	6.96	99	107934	8.85	ng	0.00
9) Nitrobenzene-d5	8.91	82	57171	4.29	ng	-0.02
16) 2,4,6-Tribromophenol	15.87	330	38308	8.35	ng	-0.02
17) 2-Fluorobiphenyl	13.01	172	133821	4.38	ng	-0.02
34) Terphenyl-d14	19.74	244	220246	4.37	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	13527	3.32	ng	98
3) n-Nitrosodimethylamine	3.61	42	24093	4.03	ng	89
6) bis(2-Chloroethyl)ether	7.20	93	43892	4.30	ng	100
7) n-Nitroso-di-n-propylamine	8.57	70	40738	4.31	ng	# 90
10) Nitrobenzene	8.96	77	57002	4.41	ng	# 100
11) bis(2-Chloroethoxy)methane	9.96	93	70939	4.56	ng	# 13
12) Naphthalene	10.61	128	180732	5.09	ng	97
13) Hexachlorobutadiene	10.90	225	22284	4.08	ng	99
14) 2-Methylnaphthalene	12.22	142	116668	4.92	ng	# 90
18) Acenaphthylene	14.10	152	215011	4.76	ng	# 91
19) 2,6-Dinitrotoluene	13.96	165	35375	5.04	ng	# 85
20) Acenaphthene	14.44	154	140980	5.81	ng	98
21) 2,4-Dinitrotoluene	14.76	165	43325	4.46	ng	# 1
22) Fluorene	15.44	166	167390	4.64	ng	100
23) 4-Chlorophenyl-phenylether	15.42	204	72197	4.64	ng	97
25) 4-Bromophenyl-phenylether	16.31	248	47620	5.18	ng	98
26) Hexachlorobenzene	16.44	284	46371	5.29	ng	99
27) Pentachlorophenol	16.78	266	49501	14.64	ng	92
28) Phenanthrene	17.17	178	703404	14.75	ng	99
29) Anthracene	17.26	178	334521	6.51	ng	97
30) Fluoranthene	19.17	202	1502440	26.69	ng	99
32) Benzidine	19.36	184	6041	0.30	ng	# 78
33) Pyrene	19.53	202	1395540	19.71	ng	# 94
35) Benzo(a)anthracene	21.27	228	1045398m	11.76	ng	
36) 3,3'-Dichlorobenzidine	21.22	252	52971	1.08	ng	91
37) Chrysene	21.31	228	813644m	12.92	ng	
38) Bis(2-ethylhexyl)phthalate	21.17	149	155249	4.81	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.27	276	806949	9.68	ng	97
41) Benzo(b)fluoranthene	22.97	252	1194071	15.78	ng	98
42) Benzo(k)fluoranthene	23.02	252	679593m	9.89	ng	
43) Benzo(a)pyrene	23.61	252	914210	13.33	ng	98
44) Dibenzo(a,h)anthracene	26.28	278	378164	5.75	ng	99
45) Benzo(a,h,i)perylene	27.06	276	766673	11.49	ng	100

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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: May 25 19:52:06 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)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

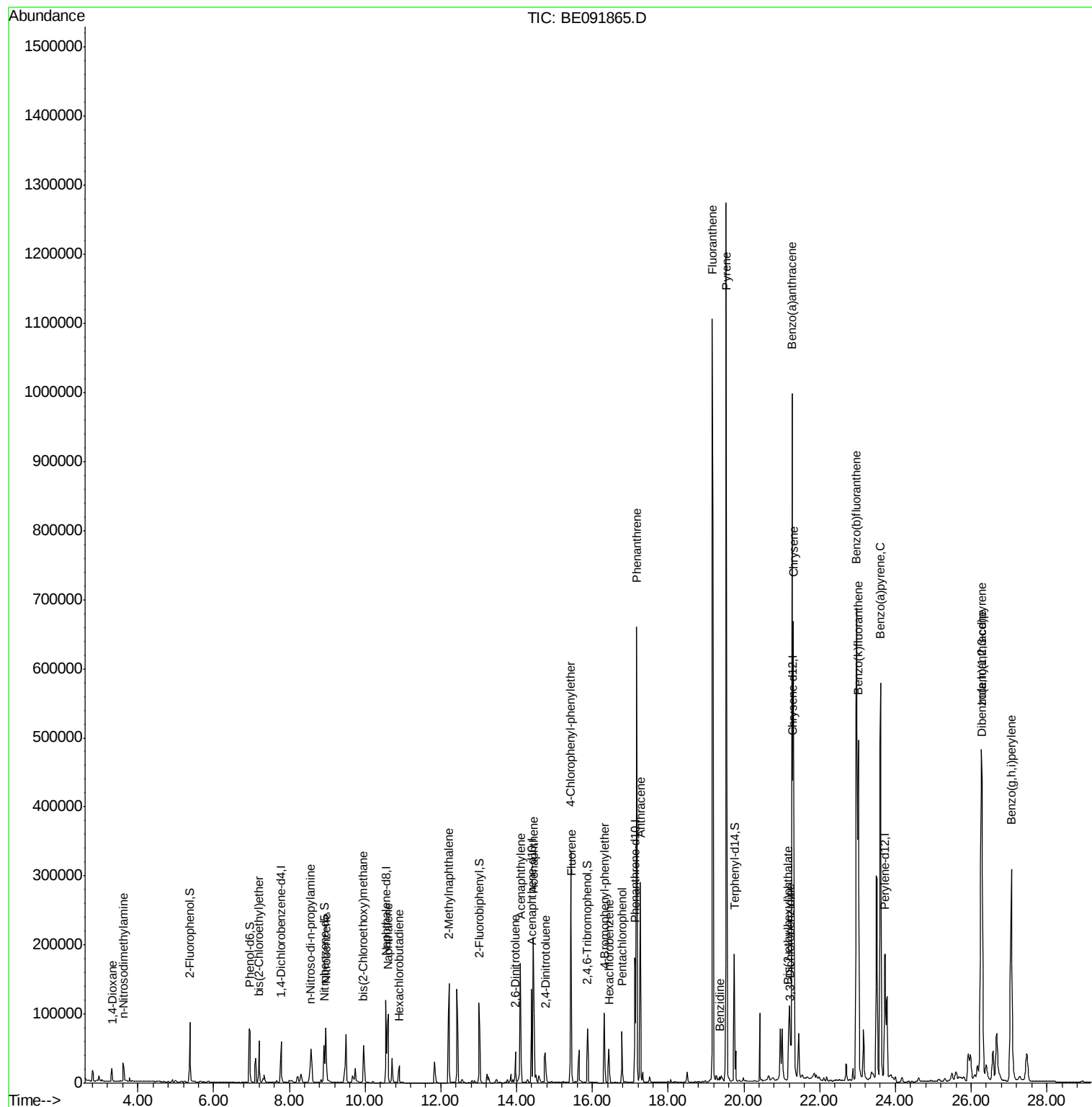
Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
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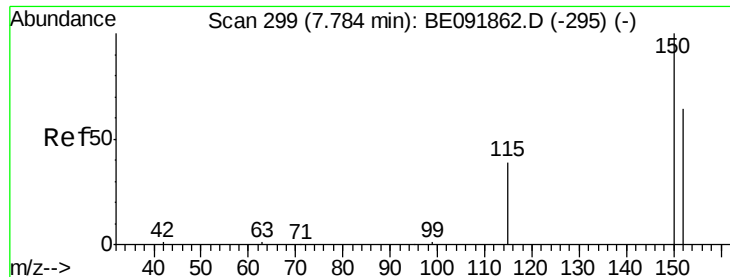
Instrument :
BNA_E
ClientSampleId :
SP-001-160517MS

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#1

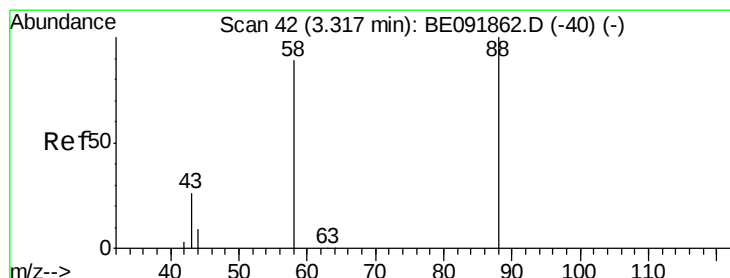
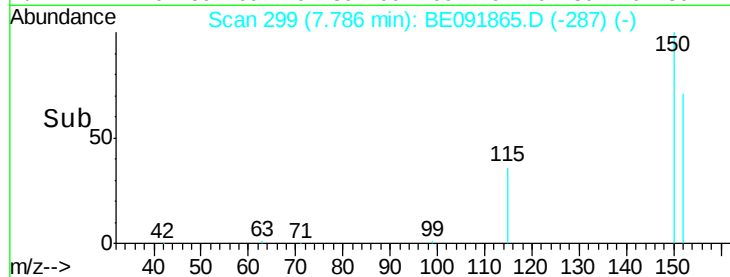
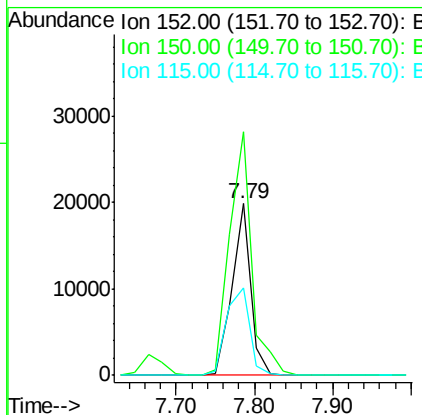
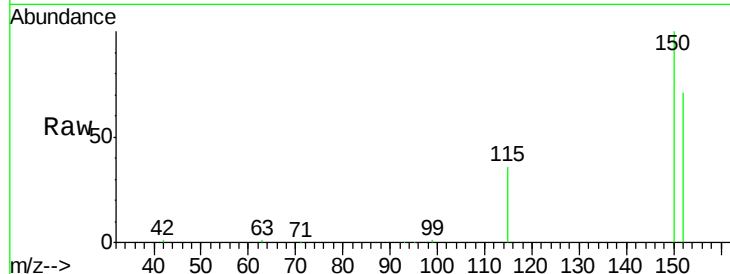
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.79 min Scan# 299
Delta R.T. 0.00 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.7	123.9	185.9
115	51.1	48.3	72.5

Manual Integrations
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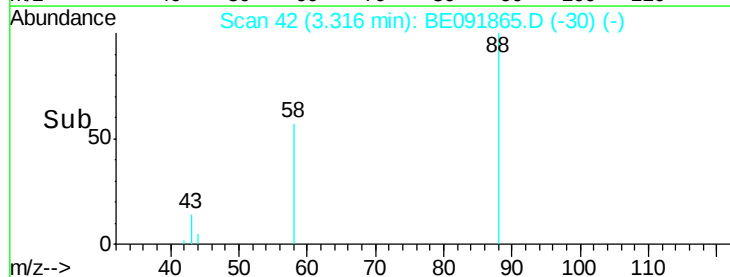
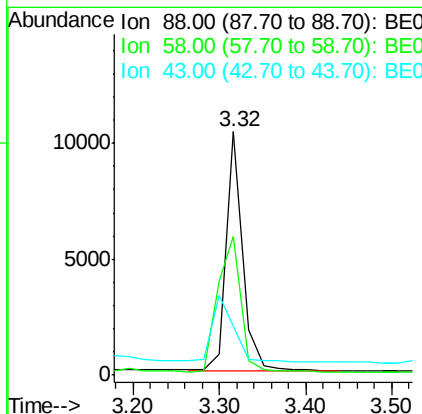
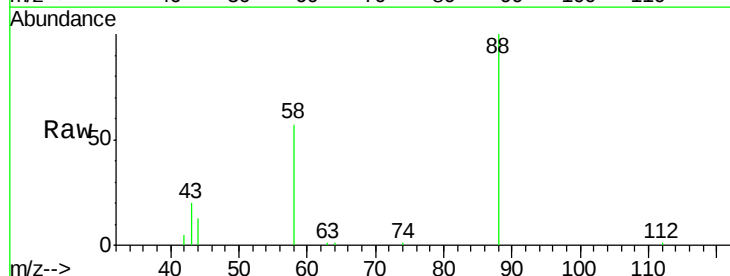
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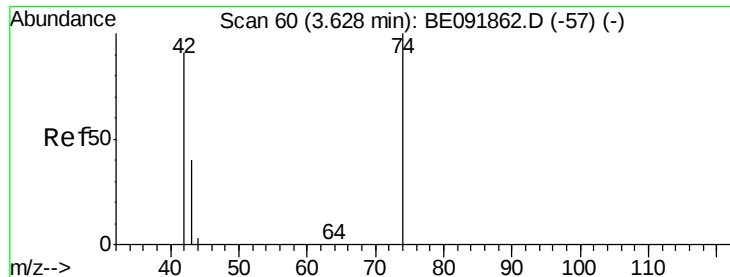


#2

1,4-Dioxane
Concen: 3.32 ng
RT: 3.32 min Scan# 42
Delta R.T. 0.00 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.1	63.0	94.4
43	38.5	29.1	43.7





#3

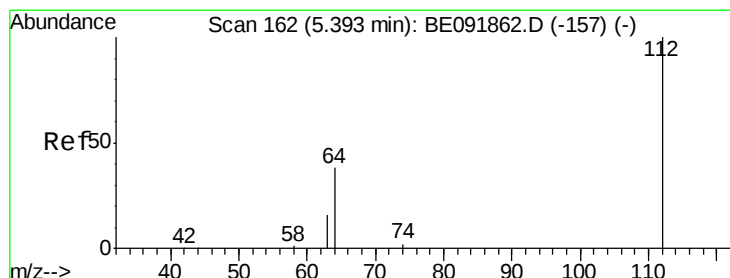
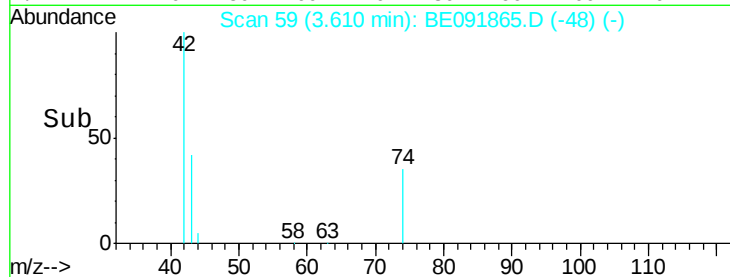
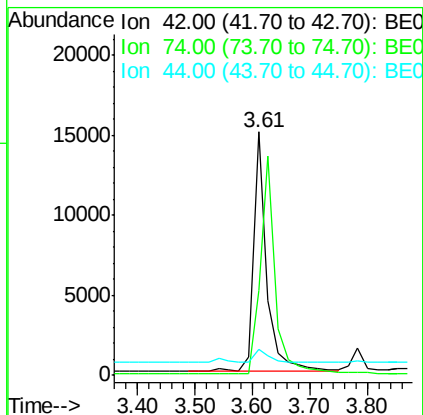
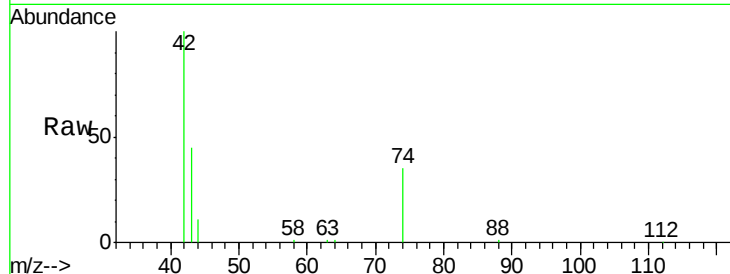
n-Nitrosodimethylamine
Concen: 4.03 ng
RT: 3.61 min Scan# 59
Delta R.T. -0.02 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MS

Tot Ion	Ratio	Lower	Upper
42	100		
74	104.3	93.4	140.0
44	6.6	5.0	7.6

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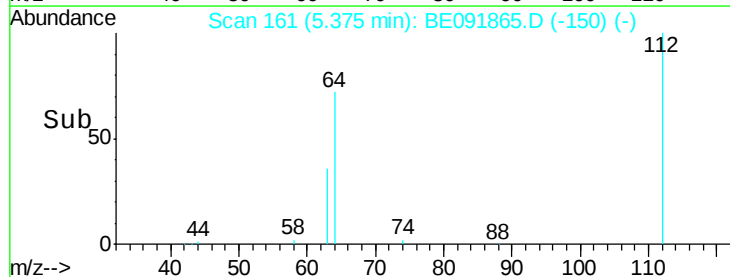
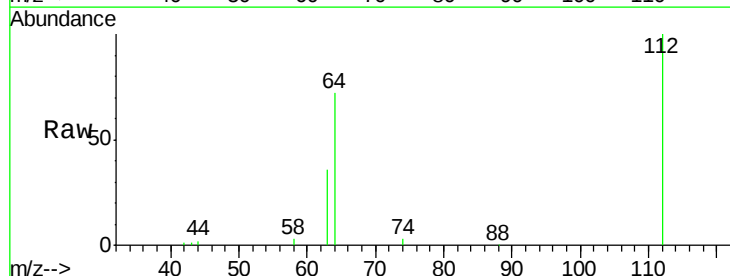
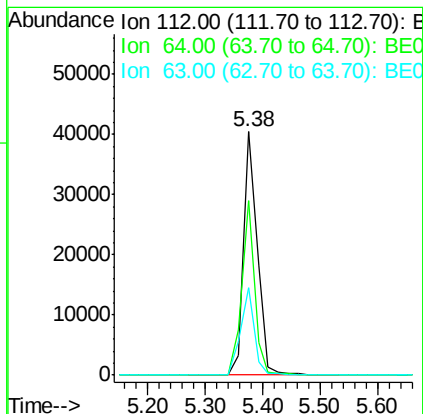
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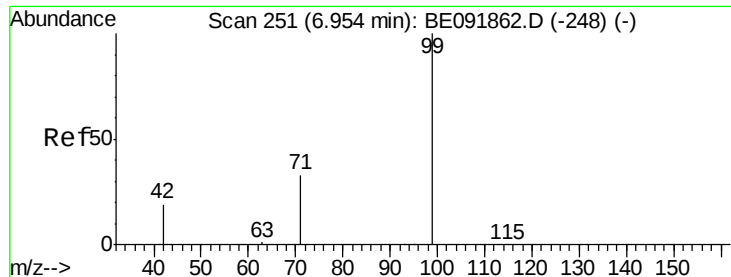


#4

2-Fluorophenol
Concen: 7.16 ng
RT: 5.38 min Scan# 161
Delta R.T. -0.02 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.7	80.5
63	35.5	29.5	44.3





#5

Phenol-d6

Concen: 8.85 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Instrument :

BNA_E

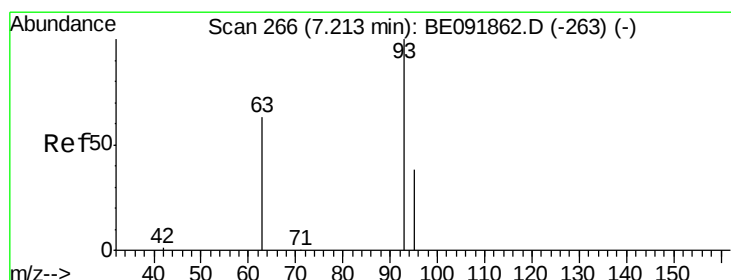
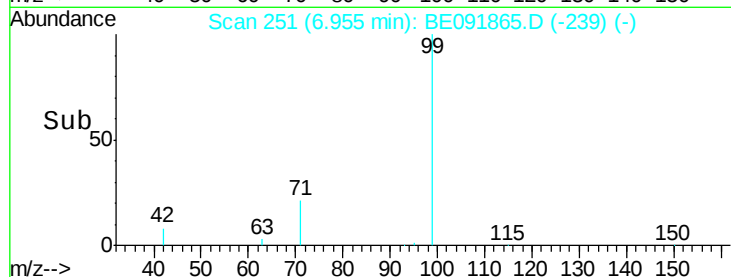
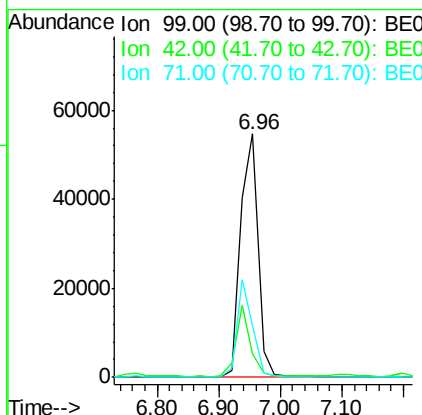
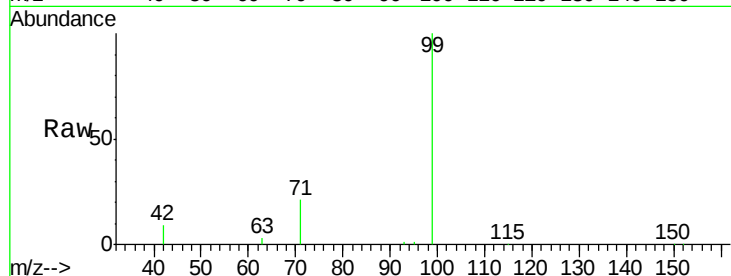
ClientSampleId :

SP-001-160517MS

Tot Ion:	99	Resp:	107934
Ion	Ratio	Lower	Upper
99	100		
42	23.8	19.6	29.4
71	35.7	28.1	42.1

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 4.30 ng

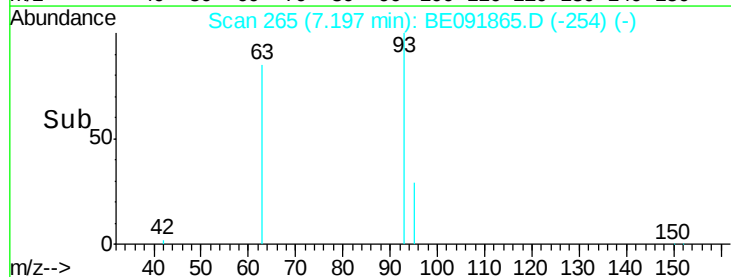
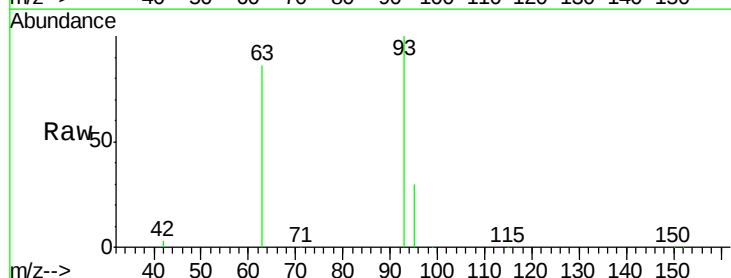
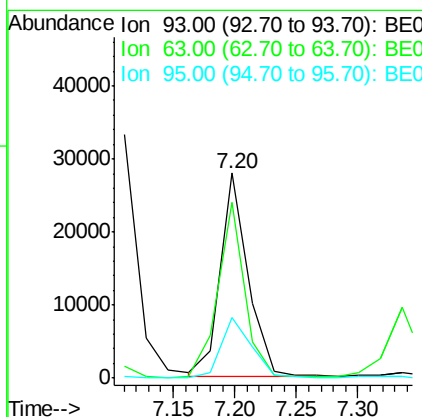
RT: 7.20 min Scan# 265

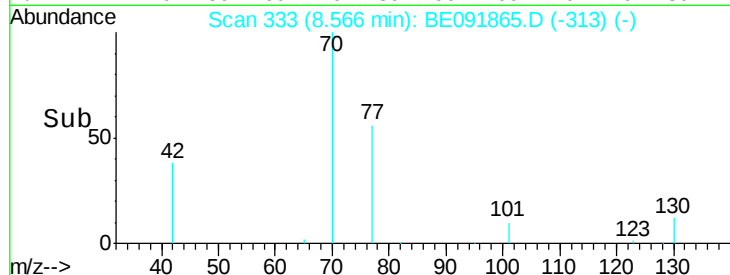
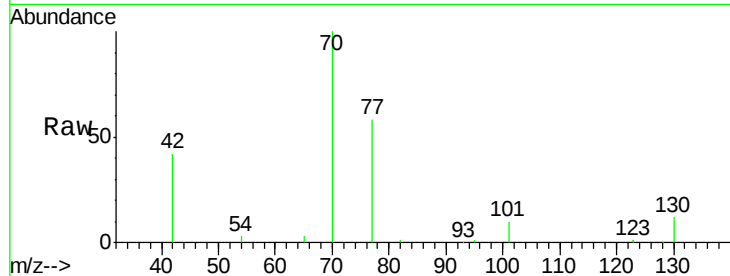
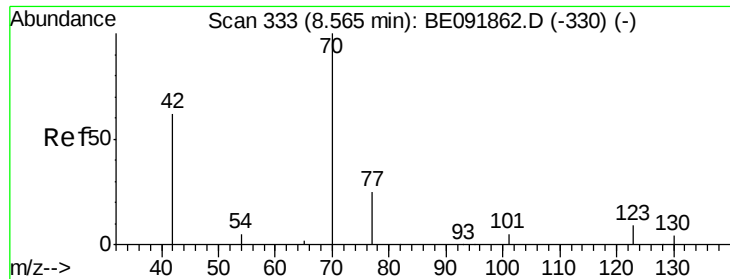
Delta R.T. -0.02 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Tgt Ion:	93	Resp:	43892
Ion	Ratio	Lower	Upper
93	100		
63	82.3	66.2	99.4
95	31.8	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 4.31 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Instrument :

BNA_E

ClientSampleId :

SP-001-160517MS

Tot Ion: 70 Resp: 40738

Ion Ratio Lower Upper

70 100

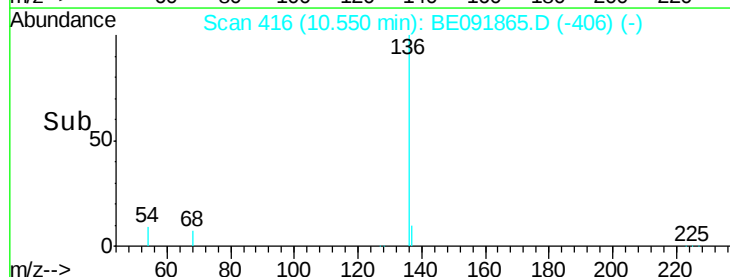
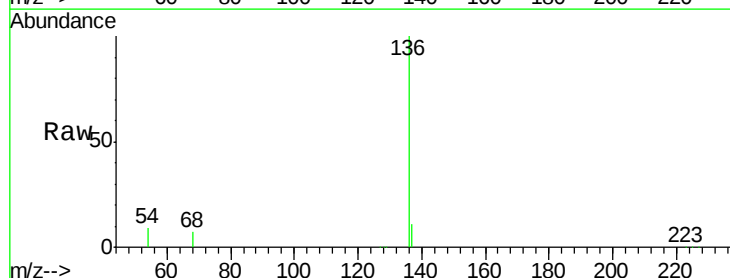
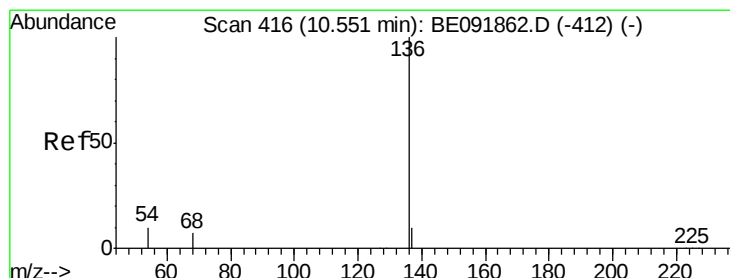
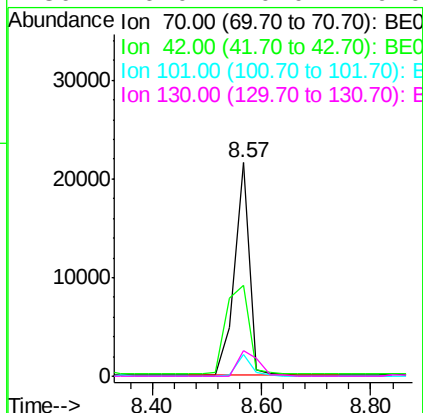
42 64.0 58.4 87.6

101 9.0 6.4 9.6

130 16.0 0.0 0.0#

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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: BE091865.D

Acq: 25 May 2016 19:11

Tgt Ion: 136 Resp: 164250

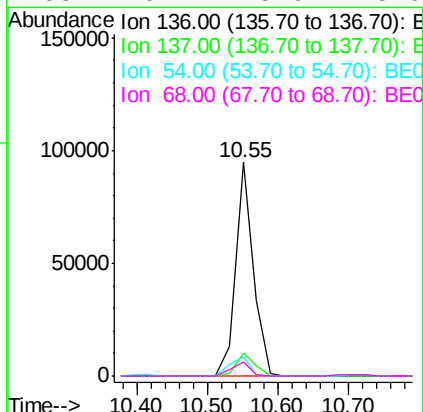
Ion Ratio Lower Upper

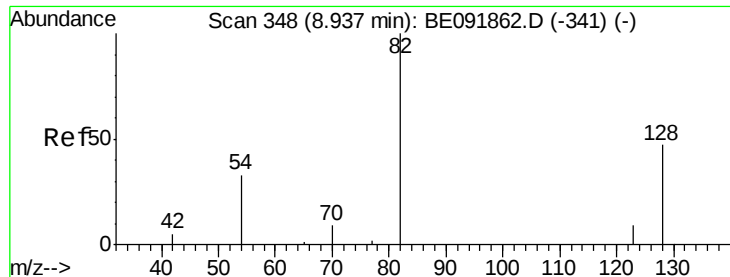
136 100

137 10.5 8.3 12.5

54 8.9 8.2 12.4

68 6.7 5.9 8.9





#9

Nitrobenzene-d5

Concen: 4.29 ng

RT: 8.91 min Scan# 347

Delta R.T. -0.02 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Instrument :

BNA_E

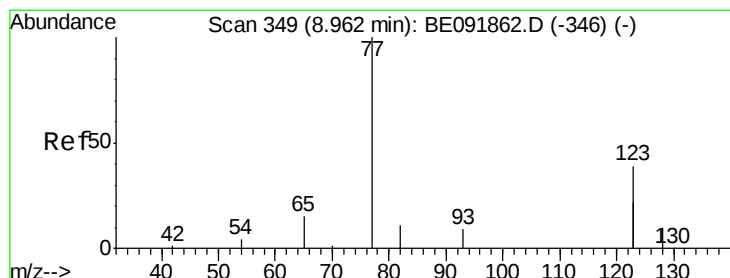
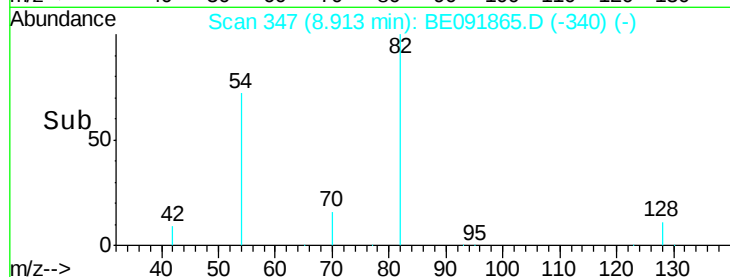
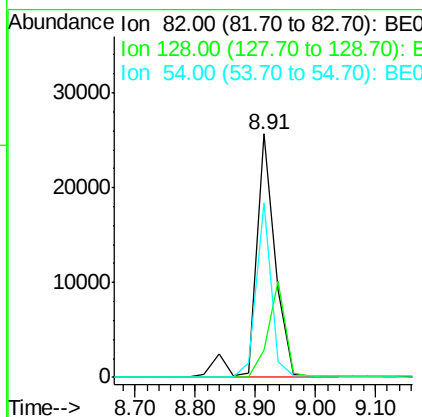
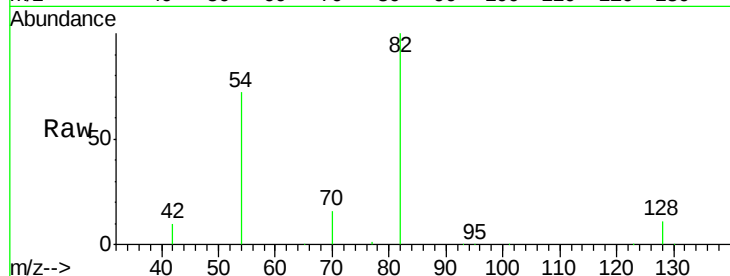
ClientSampleId :

SP-001-160517MS

Tot Ion:	82	Resp:	57171
Ion Ratio	Lower	Upper	
82	100		
128	11.2	39.5	59.3#
54	71.7	30.3	45.5#

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#10

Nitrobenzene

Concen: 4.41 ng

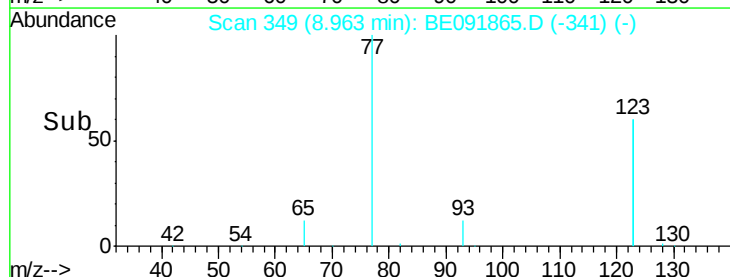
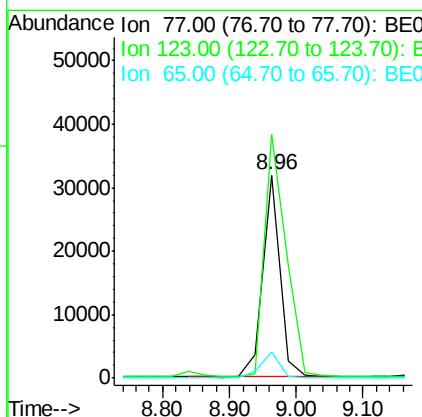
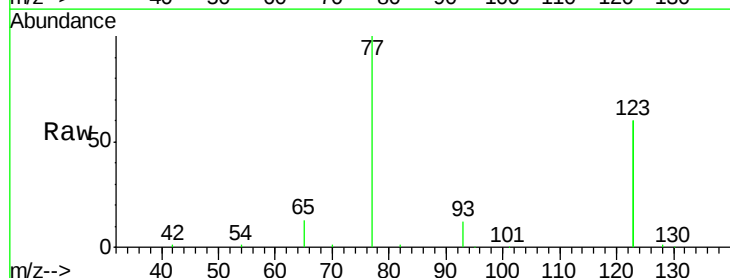
RT: 8.96 min Scan# 349

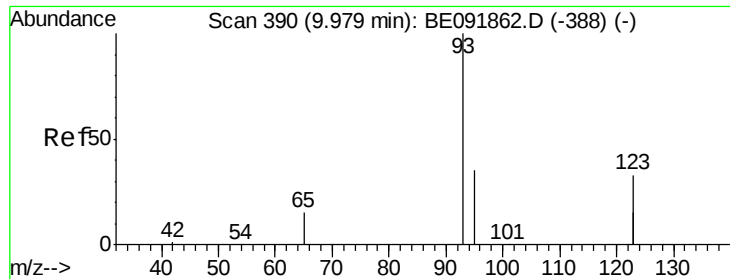
Delta R.T. 0.00 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Tgt Ion:	77	Resp:	57002
Ion Ratio	Lower	Upper	
77	100		
123	149.0	0.0	0.0#
65	13.8	11.1	16.7





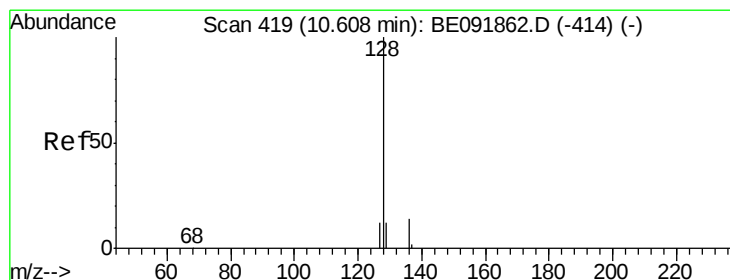
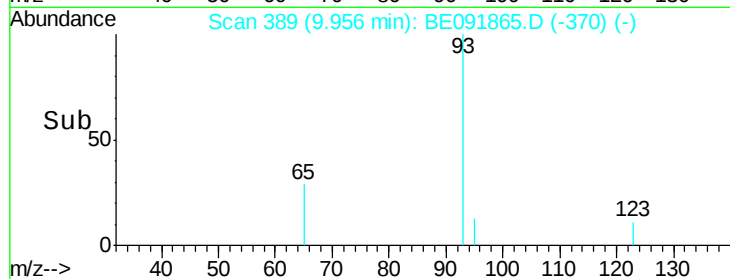
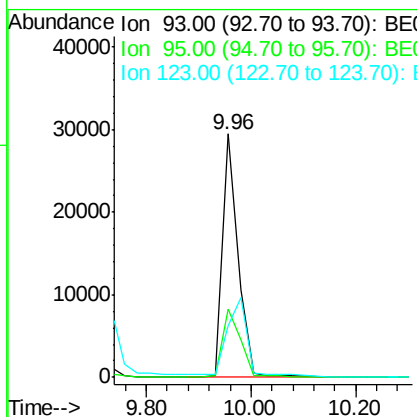
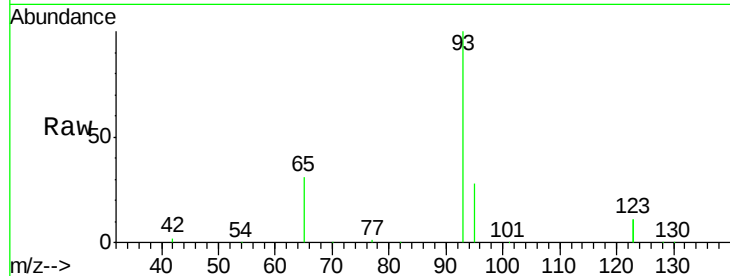
#11
bis(2-Chloroethoxy)methane
Concen: 4.56 ng
RT: 9.96 min Scan# 389
Delta R.T. -0.02 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MS

Tot Ion: 93 Resp: 70939
Ion Ratio Lower Upper
93 100
95 33.1 57.6 86.4#
123 0.0 100.2 150.4#

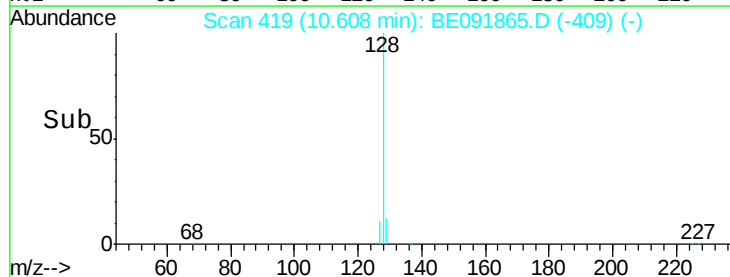
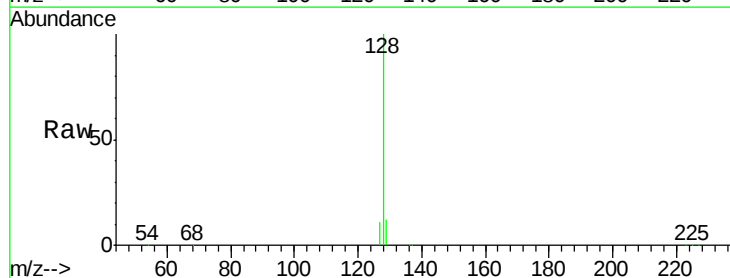
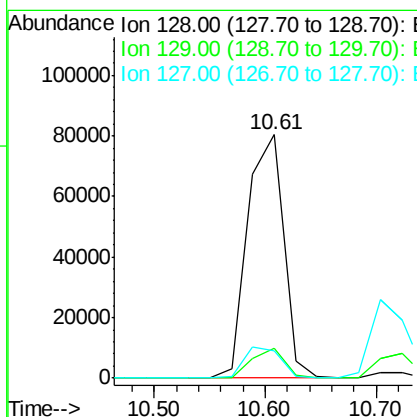
Manual Integrations
APPROVED

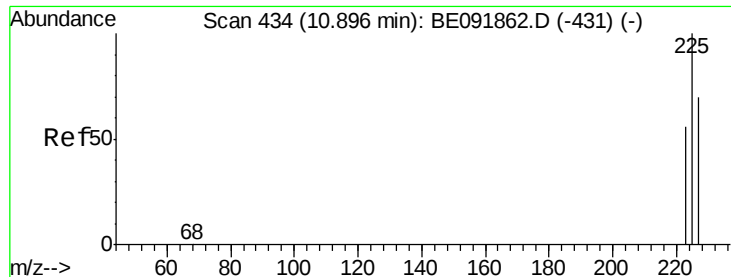
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#12
Naphthalene
Concen: 5.09 ng
RT: 10.61 min Scan# 419
Delta R.T. -0.00 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

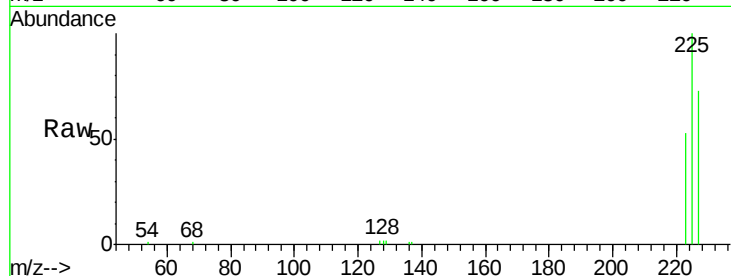
Tgt Ion: 128 Resp: 180732
Ion Ratio Lower Upper
128 100
129 12.2 10.4 15.6
127 11.2 10.2 15.2





#13
Hexachlorobutadiene
Concen: 4.08 ng
RT: 10.90 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

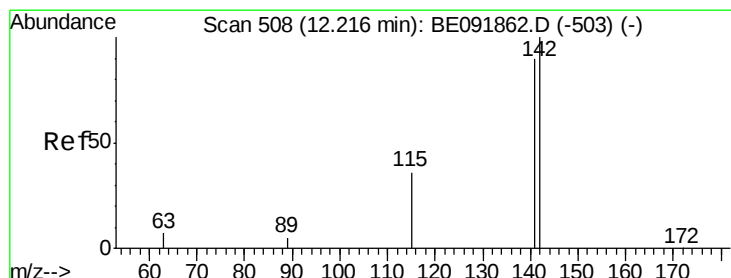
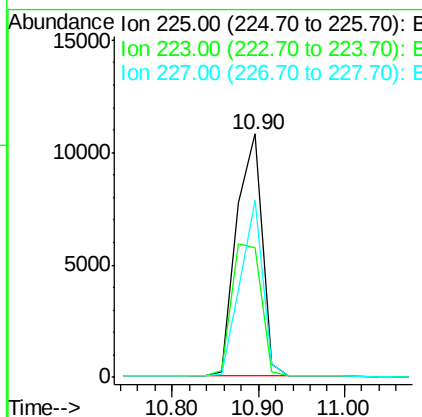
Instrument :
BNA_E
ClientSampleId :
SP-001-160517MS



Tot Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.8
227	63.9	50.6	75.8

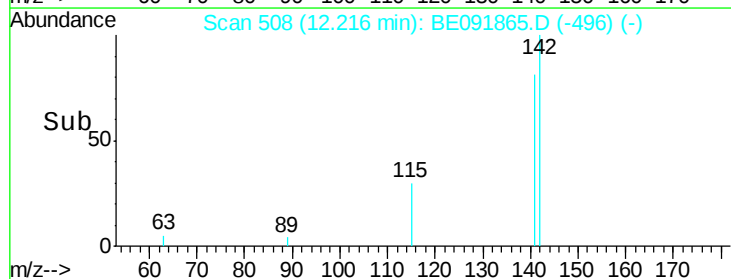
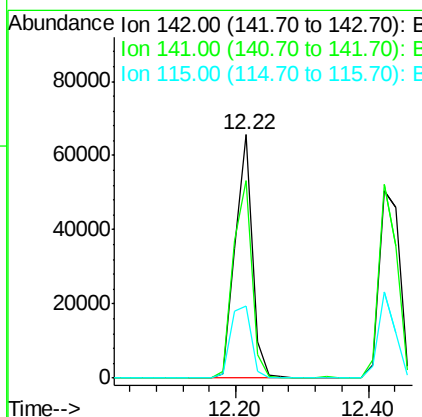
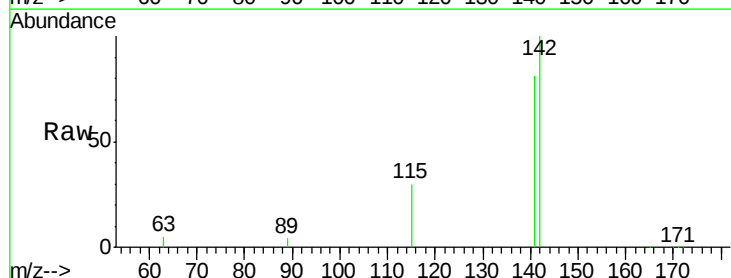
Manual Integrations
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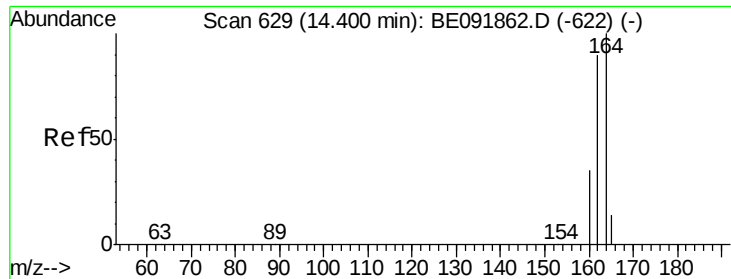
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#14
2-Methylnaphthalene
Concen: 4.92 ng
RT: 12.22 min Scan# 508
Delta R.T. -0.00 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Tgt Ion	Ratio	Lower	Upper
142	100		
141	81.0	71.9	107.9
115	29.7	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: BE091865.D

Acq: 25 May 2016 19:11

Instrument :

BNA_E

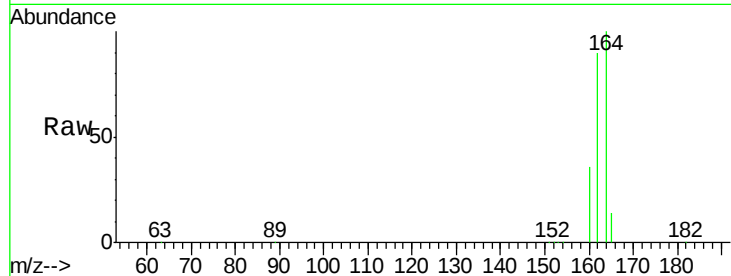
ClientSampleId :

SP-001-160517MS

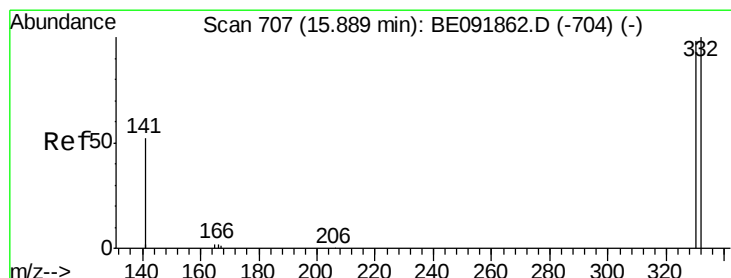
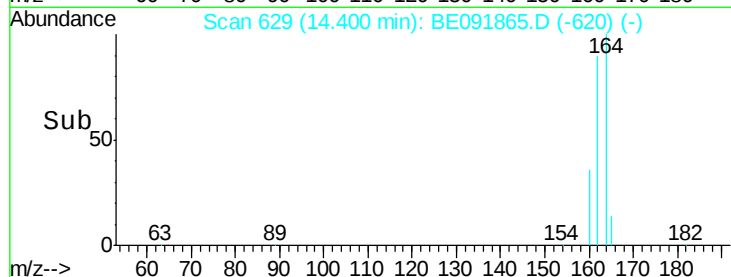
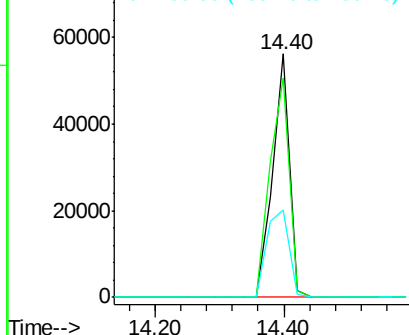
Tot Ion:	164	Resp:	102843
Ion Ratio	Lower	Upper	
164	100		
162	90.3	71.8	107.8
160	35.7	28.0	42.0

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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: 8.35 ng

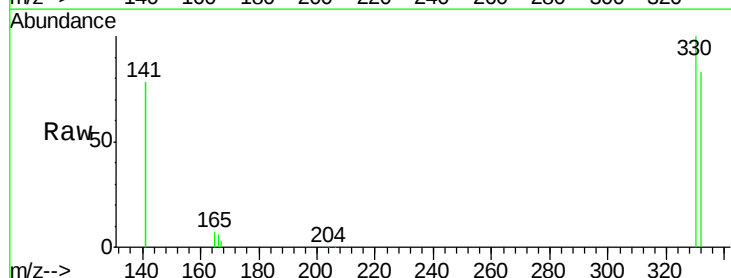
RT: 15.87 min Scan# 706

Delta R.T. -0.02 min

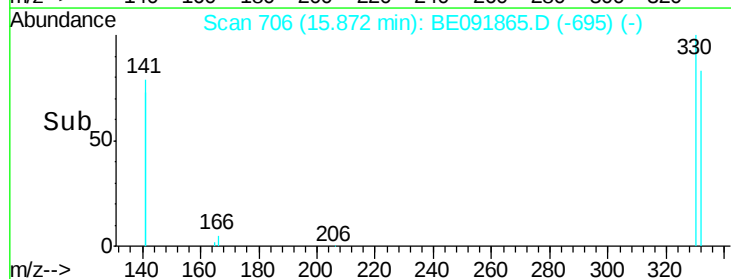
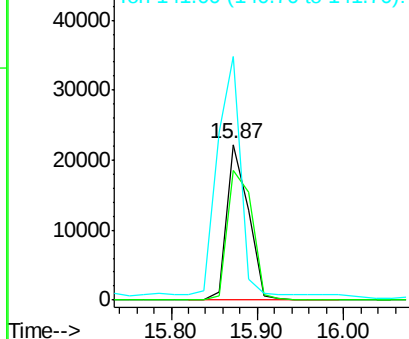
Lab File: BE091865.D

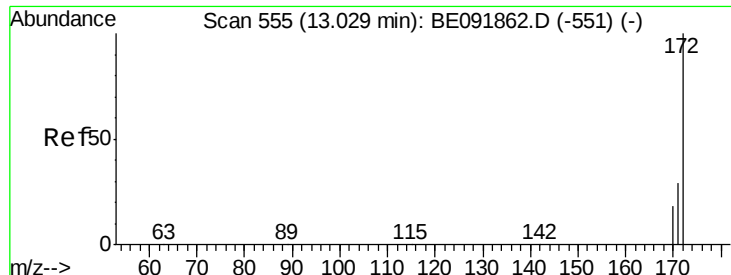
Acq: 25 May 2016 19:11

Tgt Ion:	330	Resp:	38308
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.0	115.6
141	164.8	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





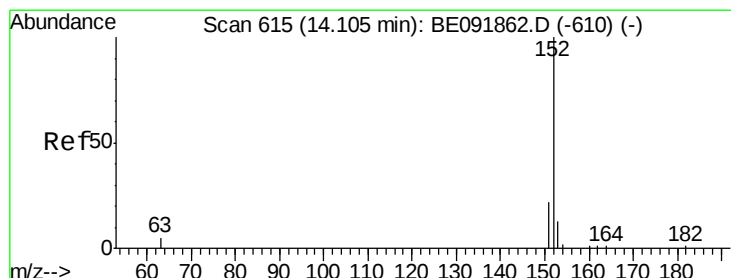
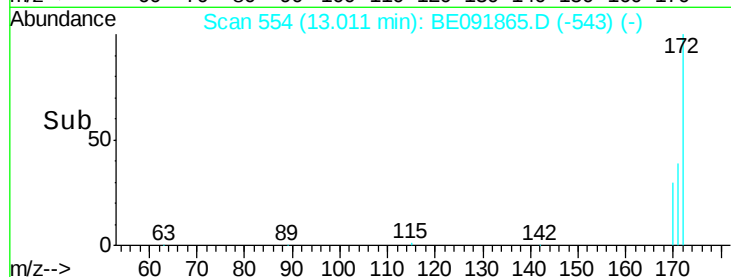
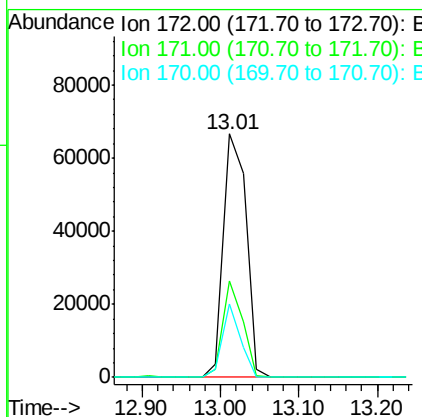
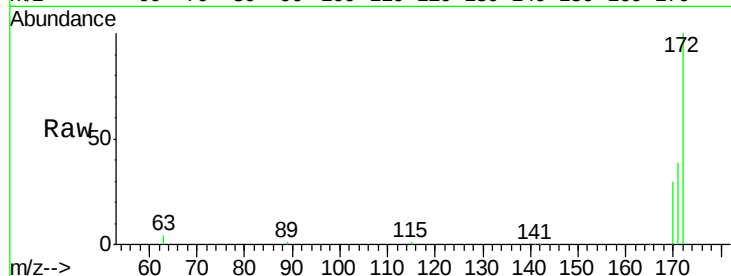
#17
2-Fluorobiphenyl
Concen: 4.38 ng
RT: 13.01 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.4	24.3	36.5#
170	30.0	14.9	22.3#

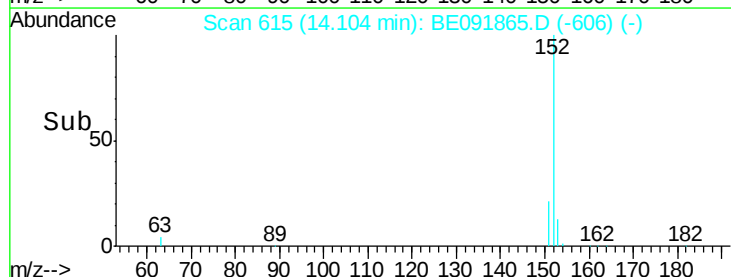
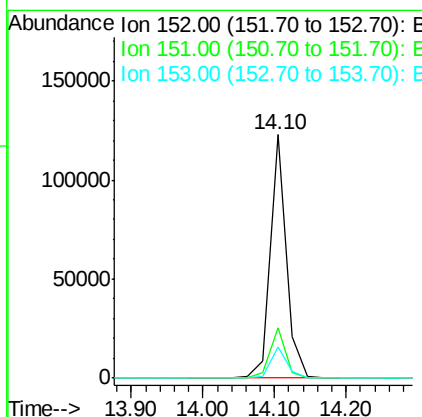
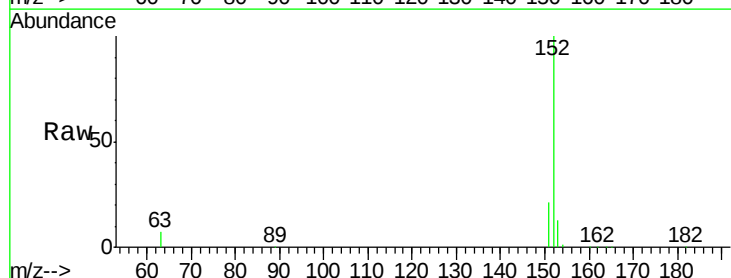
Manual Integrations
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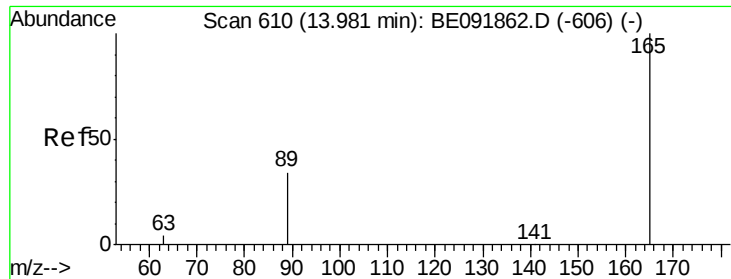
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#18
Acenaphthylene
Concen: 4.76 ng
RT: 14.10 min Scan# 615
Delta R.T. 0.00 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.5	19.4	29.2
153	13.3	14.4	21.6#





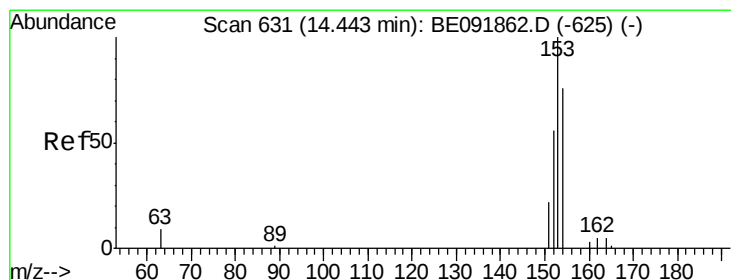
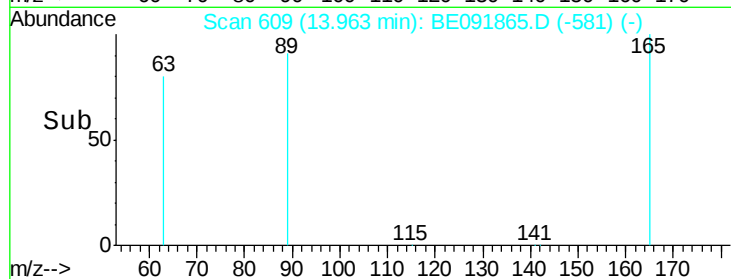
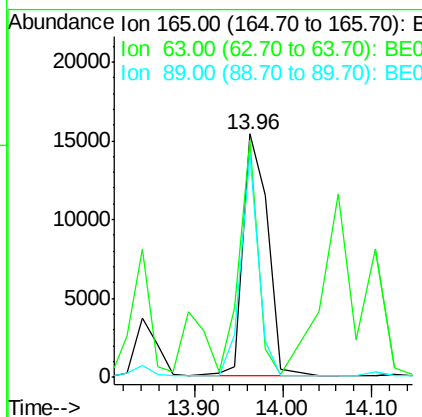
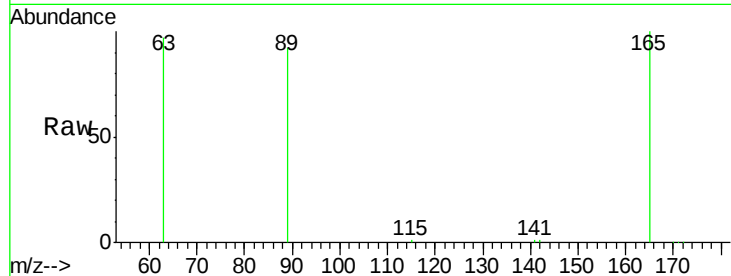
#19
2,6-Dinitrotoluene
Concen: 5.04 ng
RT: 13.96 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	61.0	65.9	98.9#
89	69.8	59.1	88.7

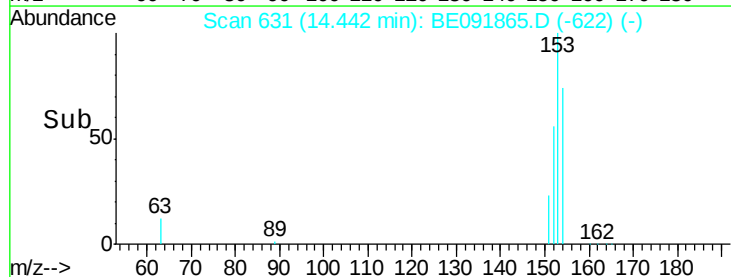
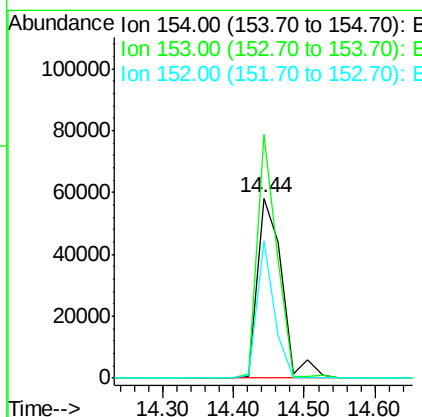
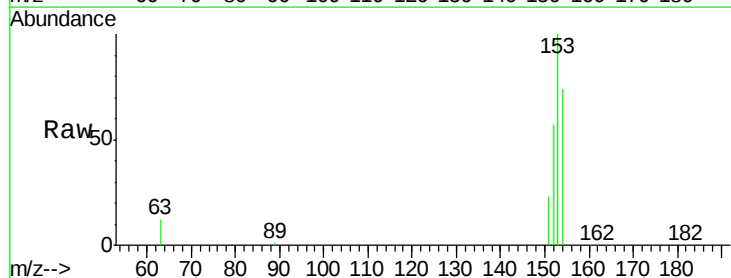
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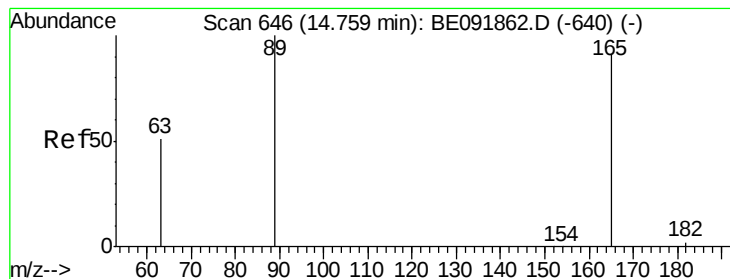
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#20
Acenaphthene
Concen: 5.81 ng
RT: 14.44 min Scan# 631
Delta R.T. 0.00 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Tgt Ion	Ratio	Lower	Upper
154	100		
153	107.6	88.1	132.1
152	53.4	44.2	66.2





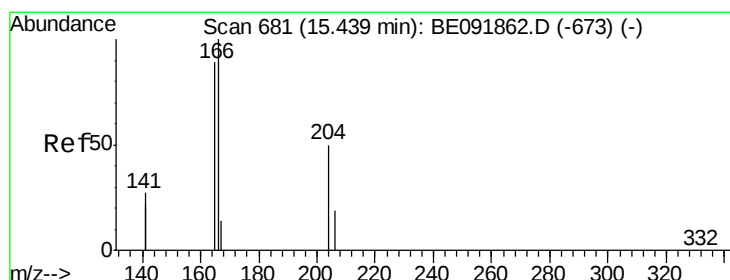
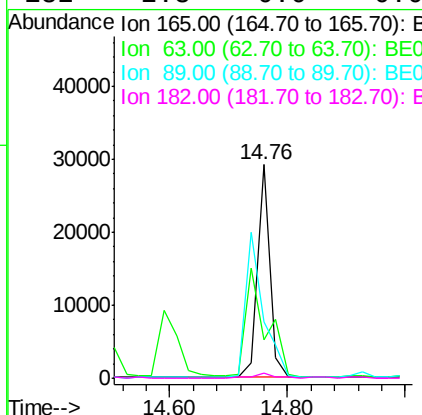
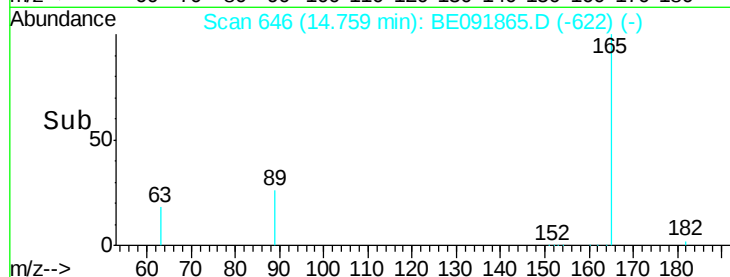
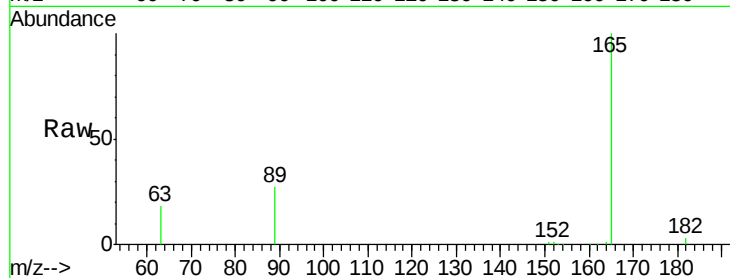
#21
2,4-Dinitrotoluene
Concen: 4.46 ng
RT: 14.76 min Scan# 646
Delta R.T. -0.00 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	0.0	99.8	149.8#
182	2.8	0.0	0.0#

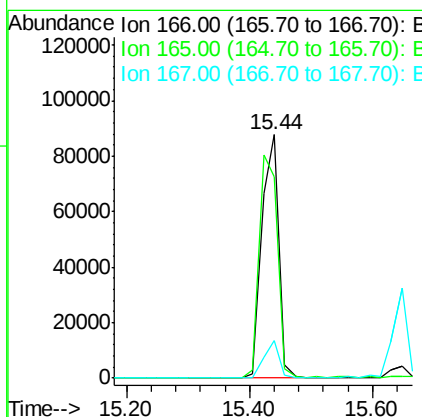
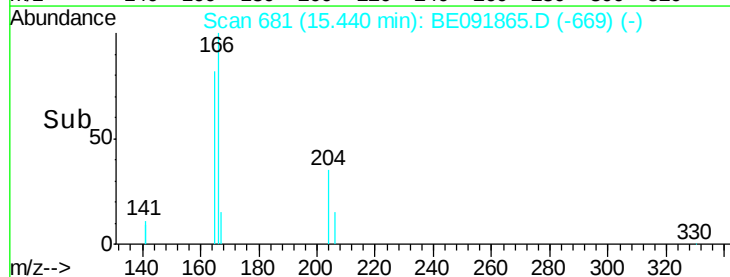
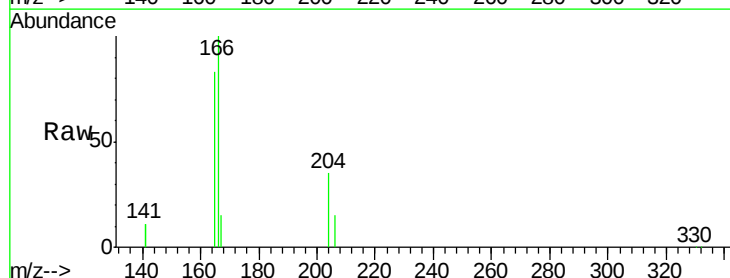
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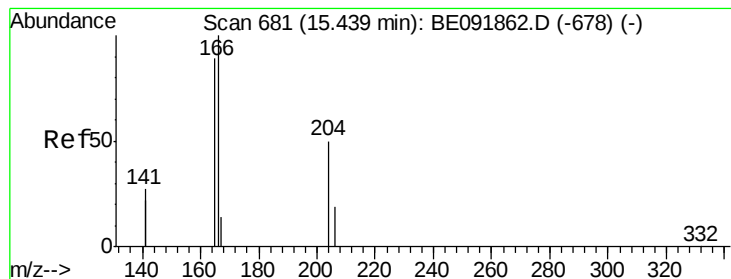
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#22
Fluorene
Concen: 4.64 ng
RT: 15.44 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.8	10.8	16.2





#23

4-Chlorophenyl-phenylether

Concen: 4.64 ng

RT: 15.42 min Scan# 680

Delta R.T. -0.02 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Instrument :

BNA_E

ClientSampleId :

SP-001-160517MS

Tot Ion:204 Resp: 72197

Ion Ratio Lower Upper

204 100

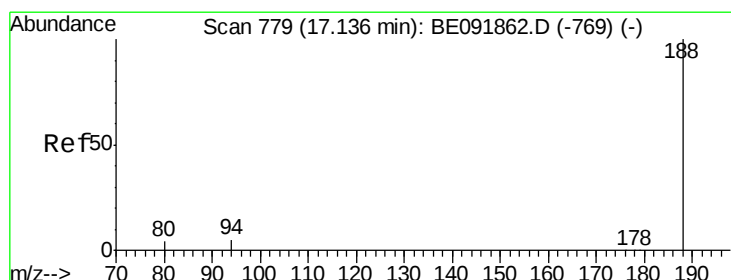
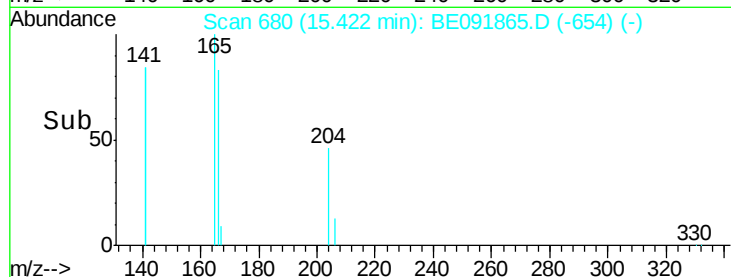
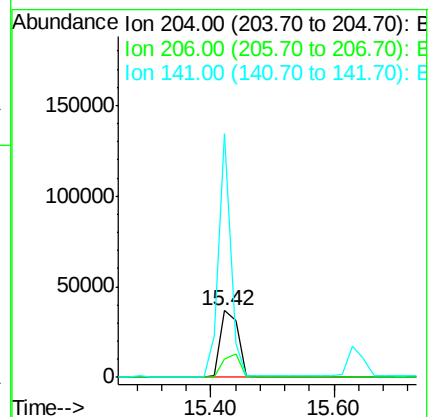
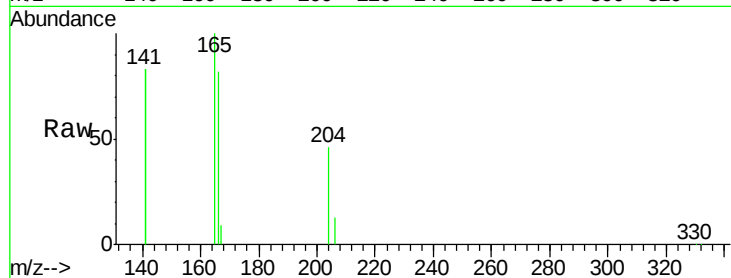
206 34.5 27.8 41.6

141 252.4 197.6 296.4

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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: BE091865.D

Acq: 25 May 2016 19:11

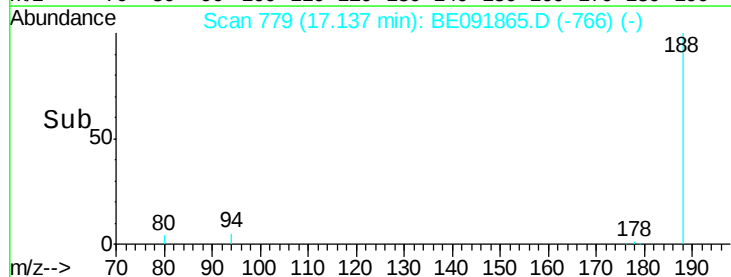
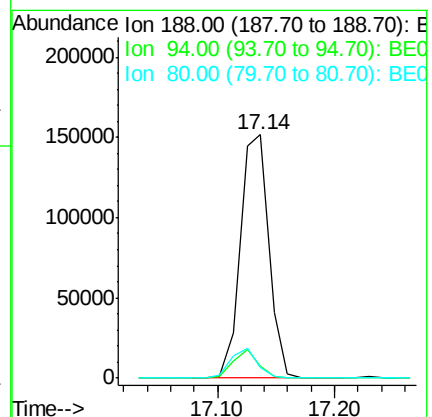
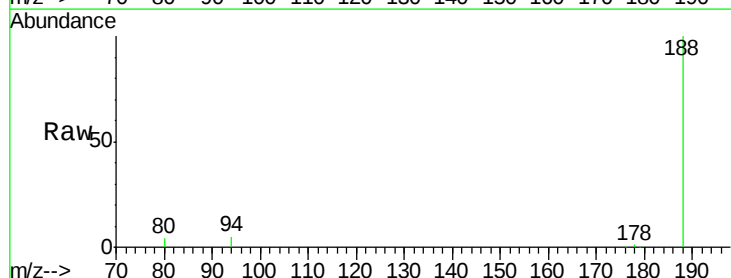
Tgt Ion:188 Resp: 257363

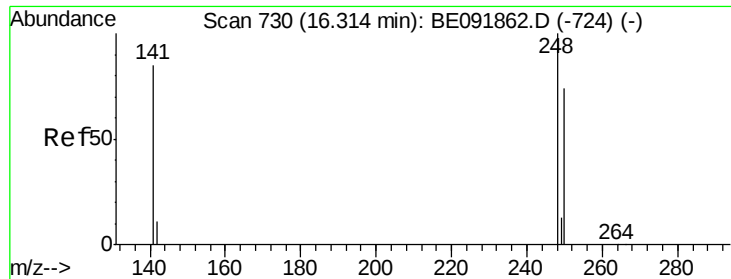
Ion Ratio Lower Upper

188 100

94 5.1 4.1 6.1

80 4.3 3.4 5.2





#25

4-Bromophenyl-phenylether

Concen: 5.18 ng

RT: 16.31 min Scan# 730

Delta R.T. 0.00 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Instrument :

BNA_E

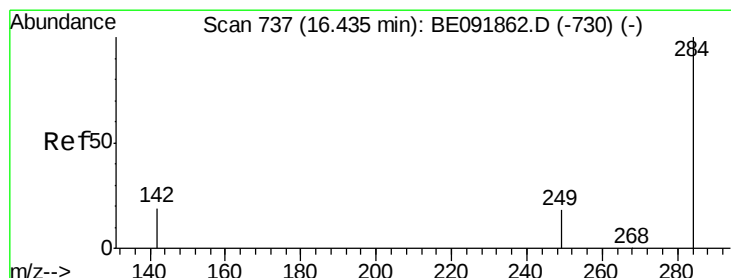
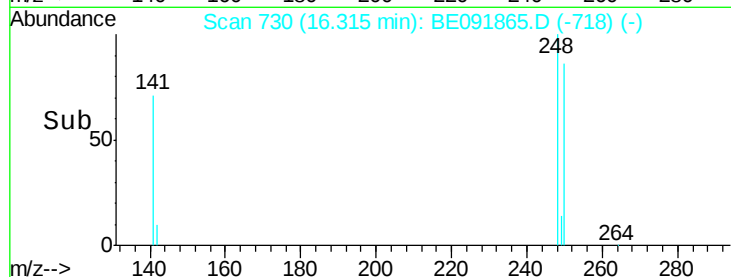
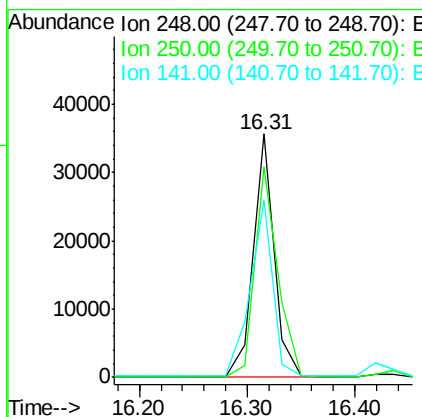
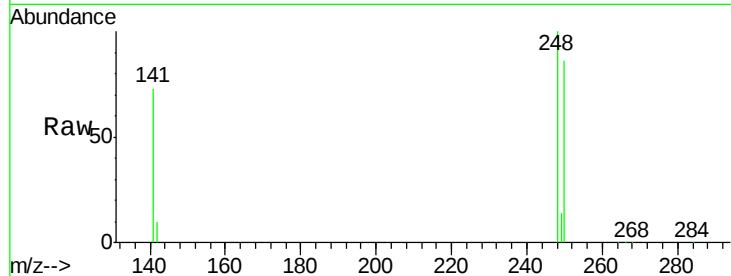
ClientSampleId :

SP-001-160517MS

Tot Ion:	248	Resp:	47620
Ion Ratio	Lower	Upper	
248	100		
250	95.0	75.7	113.5
141	78.1	64.6	97.0

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#26

Hexachlorobenzene

Concen: 5.29 ng

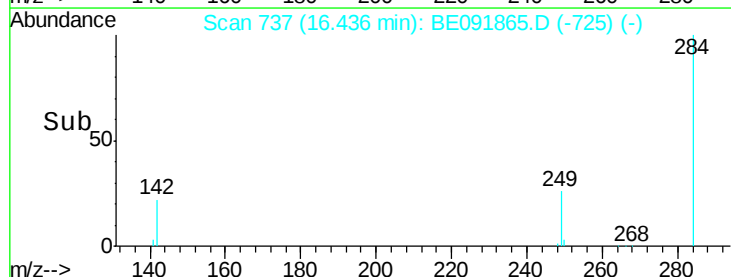
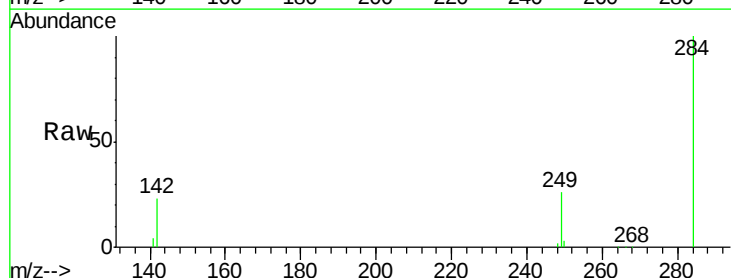
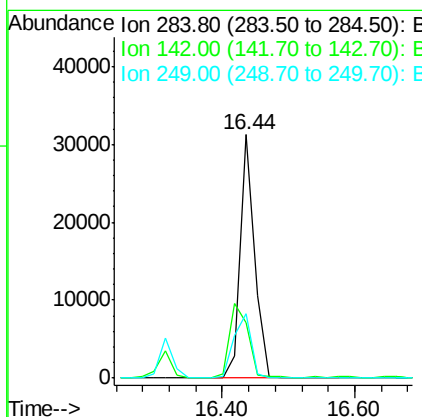
RT: 16.44 min Scan# 737

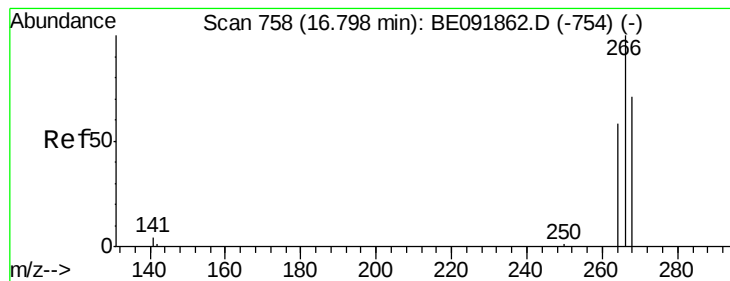
Delta R.T. 0.00 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Tgt Ion:	284	Resp:	46371
Ion Ratio	Lower	Upper	
284	100		
142	38.1	31.4	47.2
249	31.4	25.3	37.9





#27

Pentachlorophenol

Concen: 14.64 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.02 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Instrument :

BNA_E

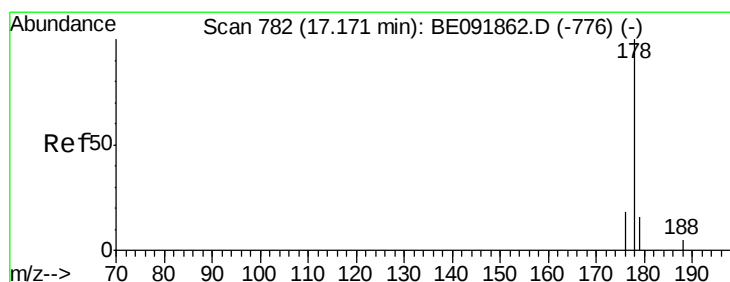
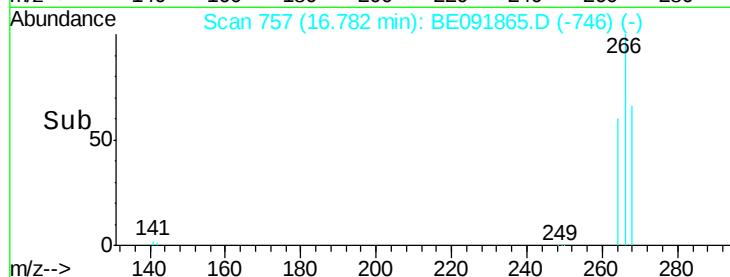
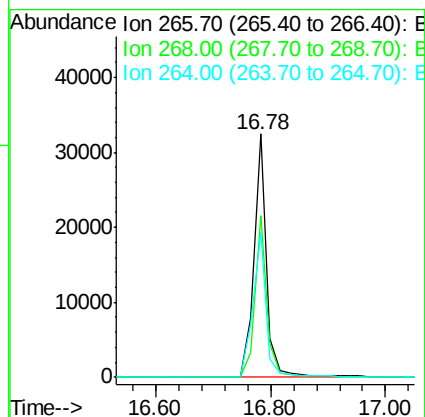
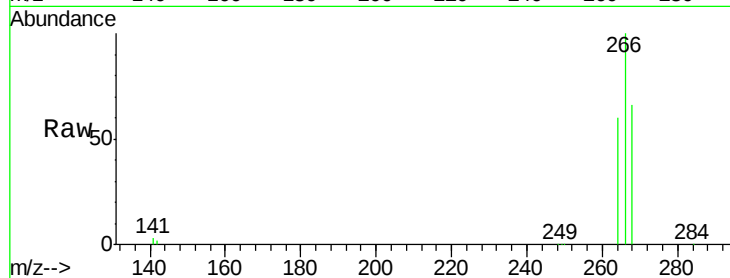
ClientSampleId :

SP-001-160517MS

Tot Ion:	266	Resp:	49501
Ion Ratio	Lower	Upper	
266	100		
268	66.3	60.5	90.7
264	59.7	51.0	76.4

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#28

Phenanthrene

Concen: 14.75 ng

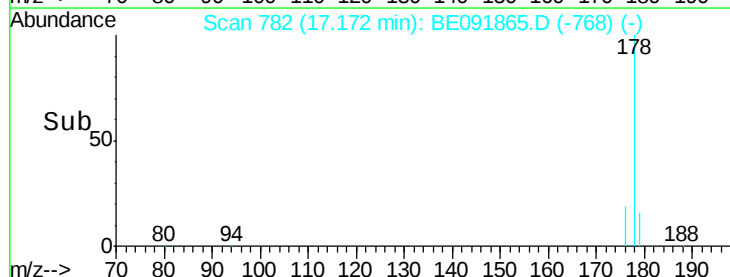
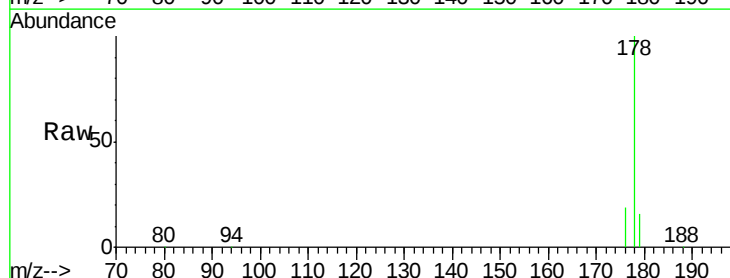
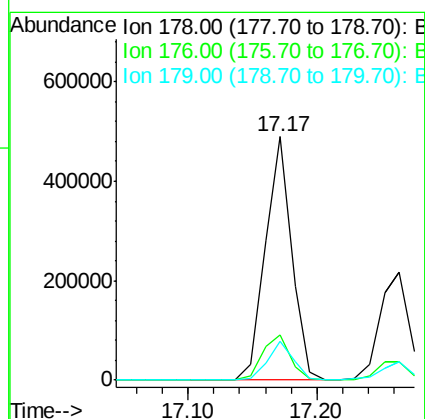
RT: 17.17 min Scan# 782

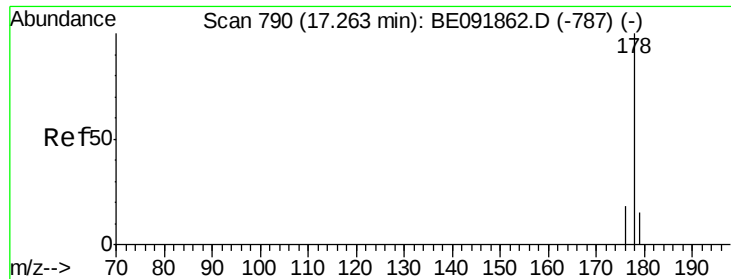
Delta R.T. 0.00 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Tgt Ion:	178	Resp:	703404
Ion Ratio	Lower	Upper	
178	100		
176	19.8	15.4	23.2
179	15.6	12.9	19.3





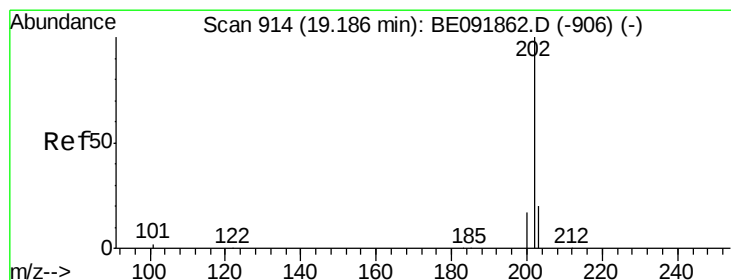
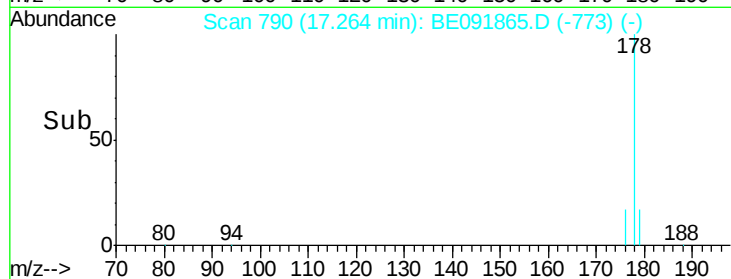
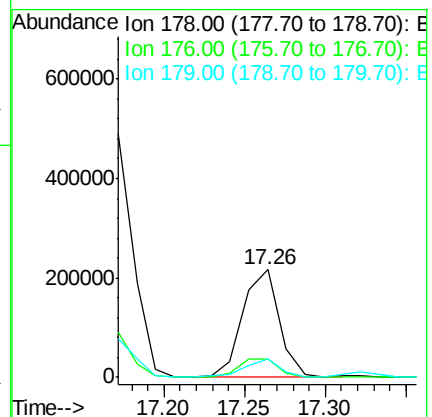
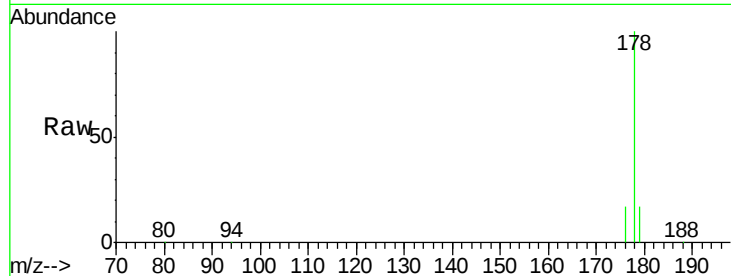
#29
 Anthracene
 Concen: 6.51 ng
 RT: 17.26 min Scan# 790
 Delta R.T. 0.00 min
 Lab File: BE091865.D
 Acq: 25 May 2016 19:11

Instrument :
 BNA_E
 ClientSampleId :
 SP-001-160517MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	17.5	12.1	18.1

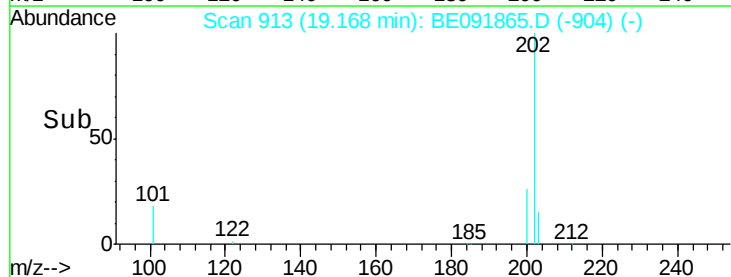
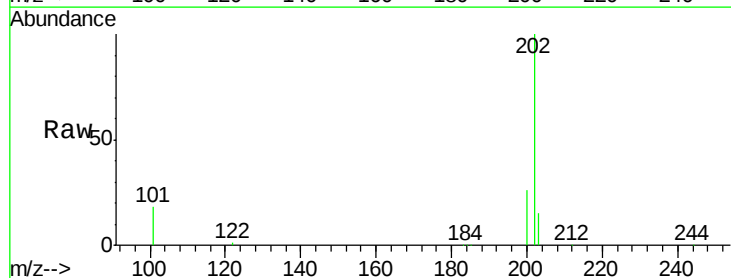
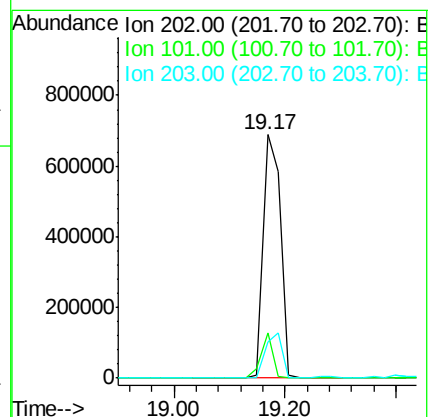
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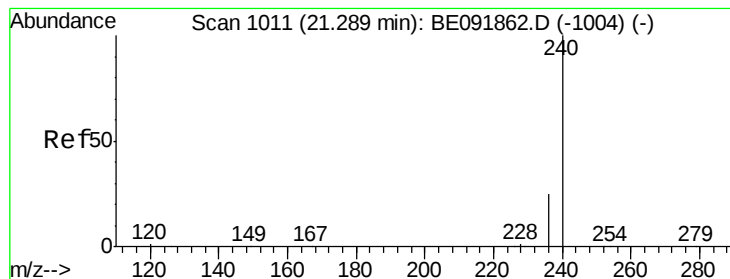
umangi
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#30
 Fluoranthene
 Concen: 26.69 ng
 RT: 19.17 min Scan# 913
 Delta R.T. -0.02 min
 Lab File: BE091865.D
 Acq: 25 May 2016 19:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.4	14.0
203	18.1	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: BE091865.D

Acq: 25 May 2016 19:11

Instrument :

BNA_E

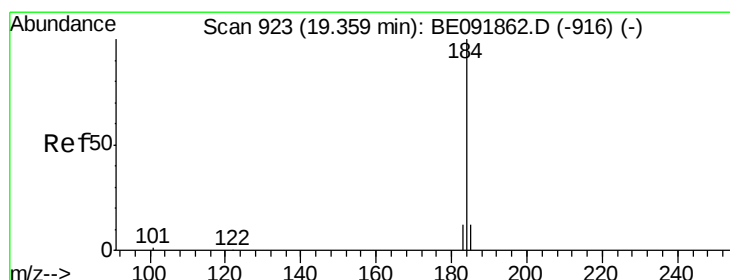
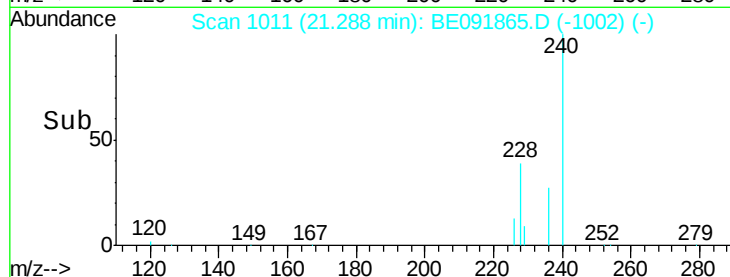
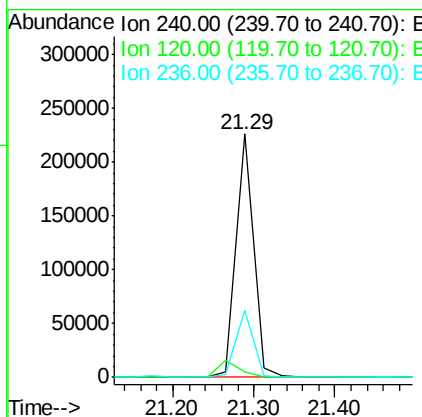
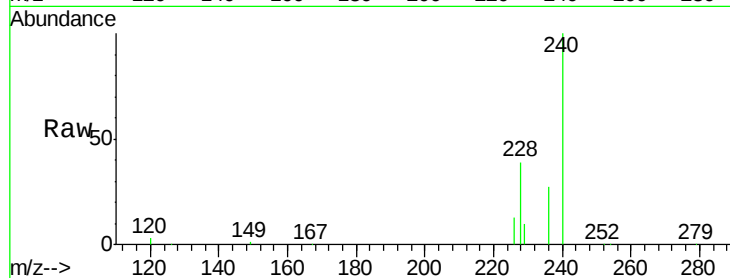
ClientSampleId :

SP-001-160517MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	2.5	1.2	1.8#
236	27.3	19.8	29.8

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#32

Benzidine

Concen: 0.30 ng

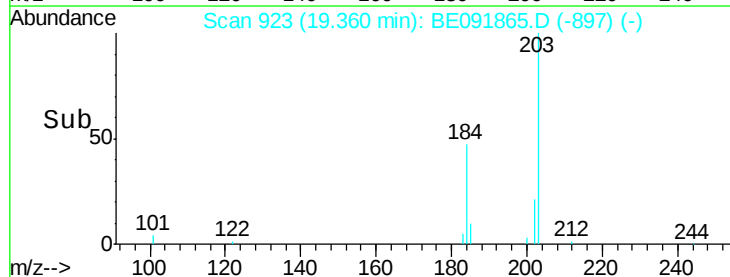
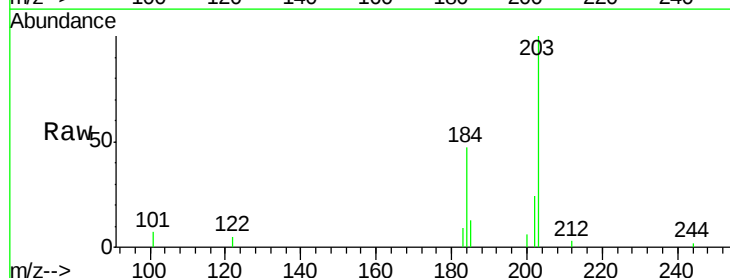
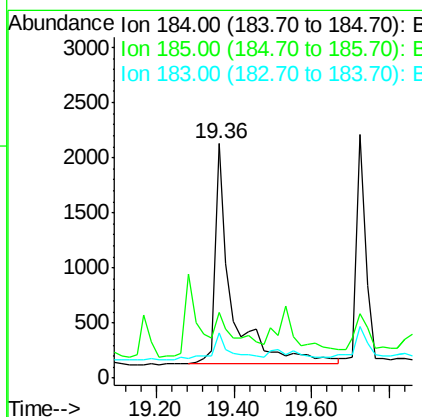
RT: 19.36 min Scan# 923

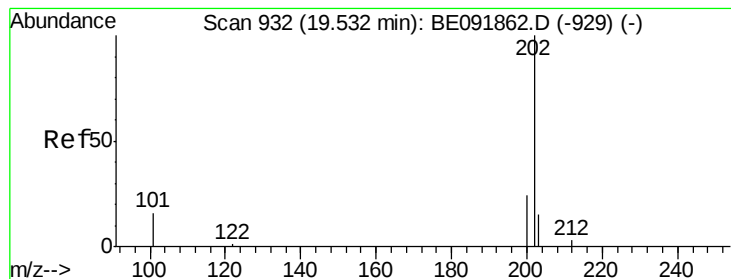
Delta R.T. 0.00 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Tgt Ion	Ratio	Lower	Upper
184	100		
185	27.8	11.4	17.2#
183	19.1	11.8	17.6#





#33

Pvrene

Concen: 19.71 ng

RT: 19.53 min Scan# 932

Delta R.T. 0.00 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Instrument :

BNA_E

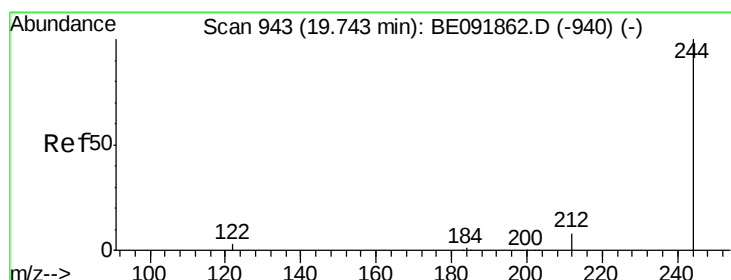
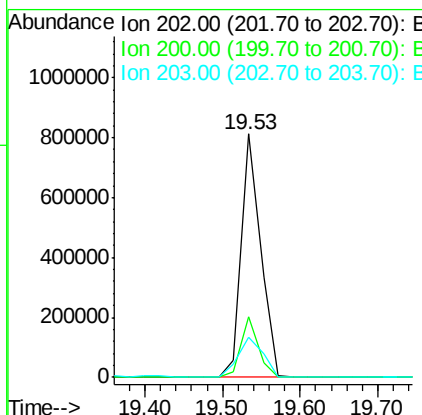
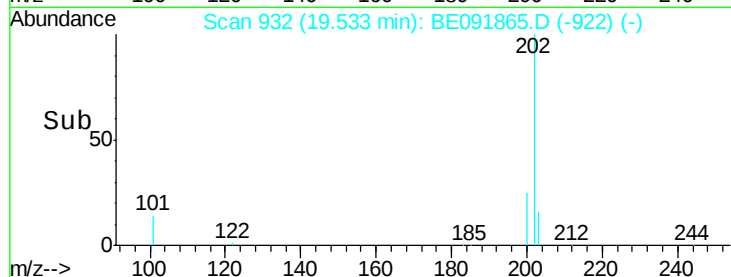
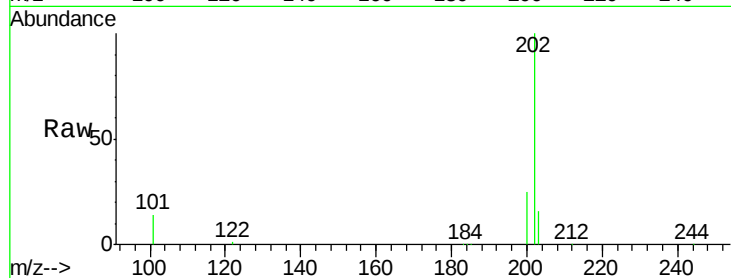
ClientSampleId :

SP-001-160517MS

Tot Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.9	25.3
203	21.9	14.1	21.1

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#34

Terphenyl-d14

Concen: 4.37 ng

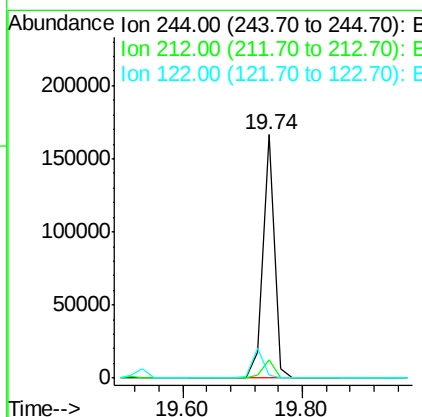
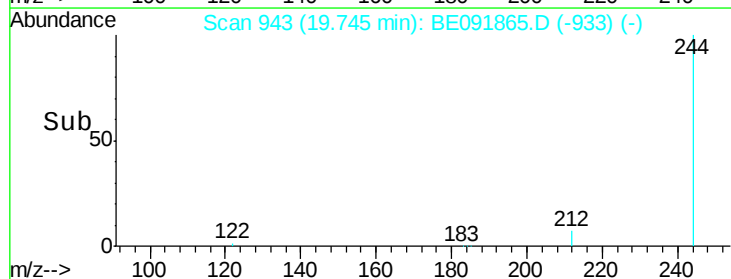
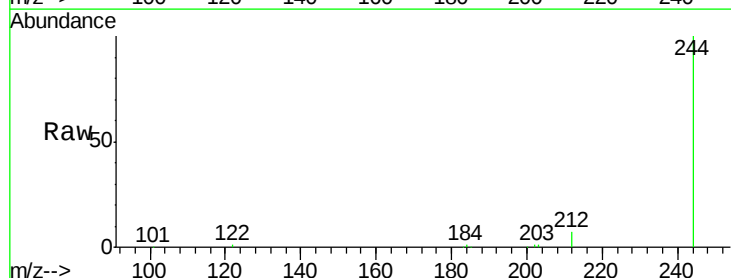
RT: 19.74 min Scan# 943

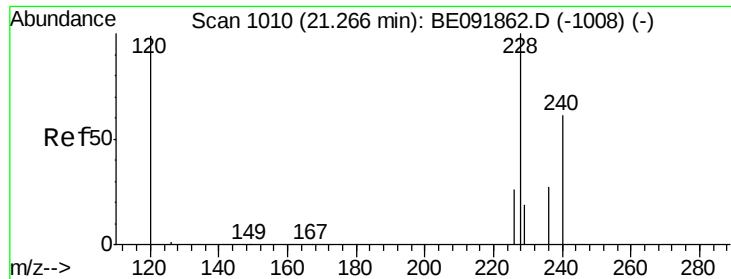
Delta R.T. 0.00 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.5	9.7
122	1.4	2.9	4.3





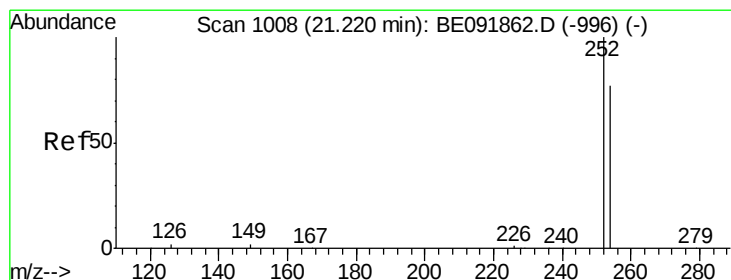
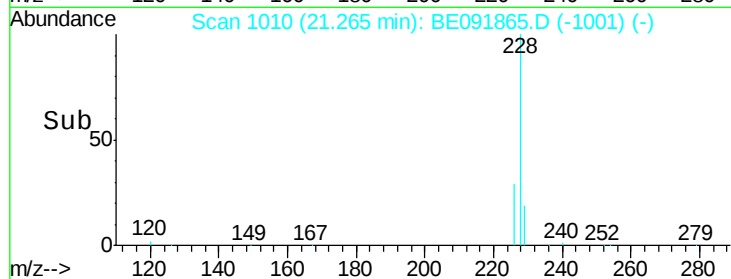
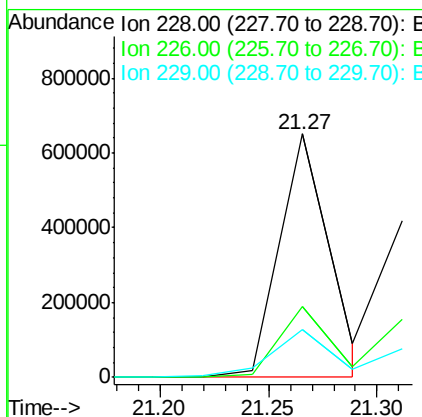
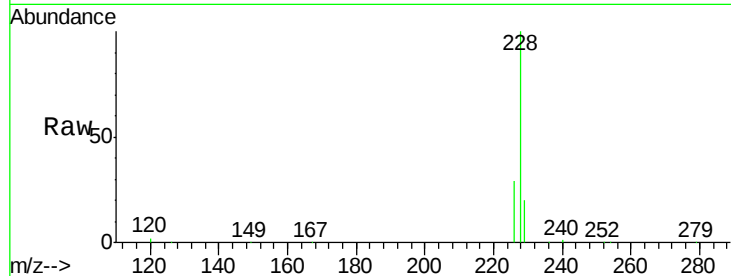
#35
Benzo(a)anthracene
Concen: 11.76 ng m
RT: 21.27 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MS

Tot Ion:228 Resp: 1045398
Ion Ratio Lower Upper
228 100
226 28.9 21.0 31.4
229 19.6 15.8 23.8

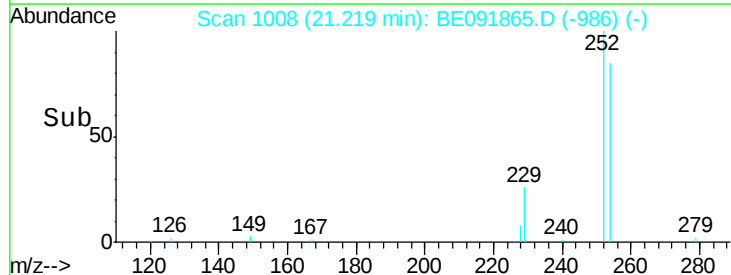
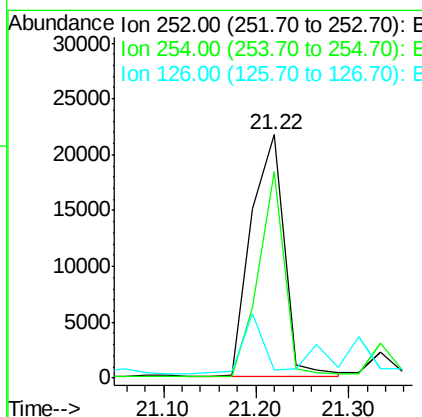
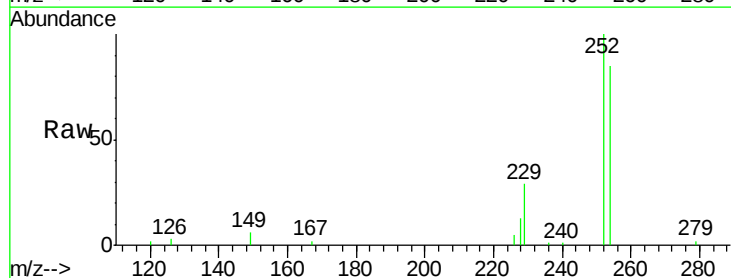
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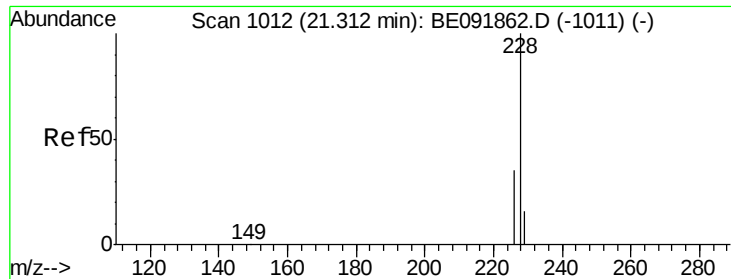
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#36
3,3'-Dichlorobenzidine
Concen: 1.08 ng
RT: 21.22 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Tgt Ion:252 Resp: 52971
Ion Ratio Lower Upper
252 100
254 84.8 61.5 92.3
126 3.1 2.5 3.7





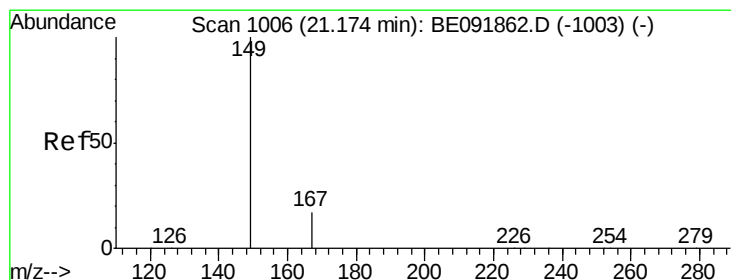
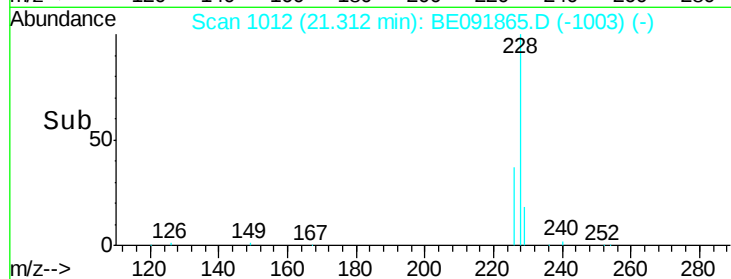
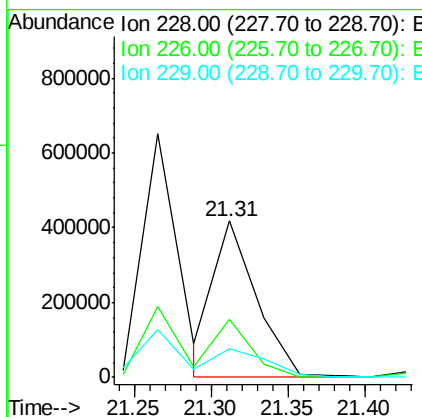
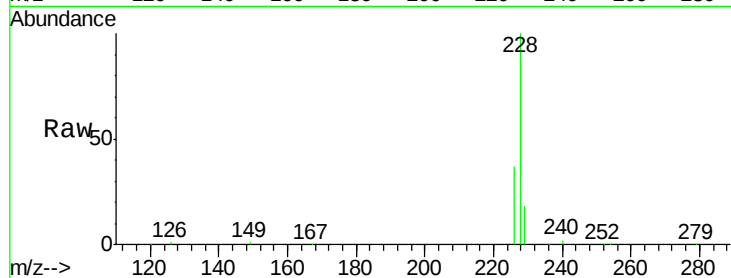
#37
Chrysene
Concen: 12.92 ng m
RT: 21.31 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	37.4	27.0	40.6
229	18.1	13.8	20.8

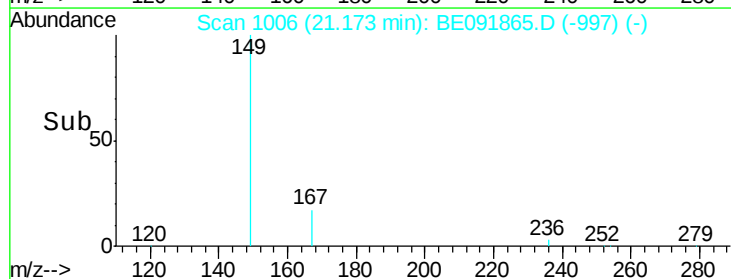
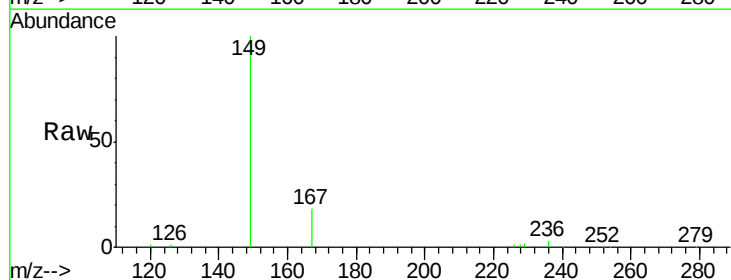
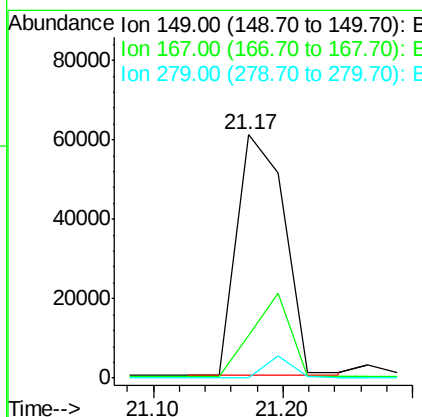
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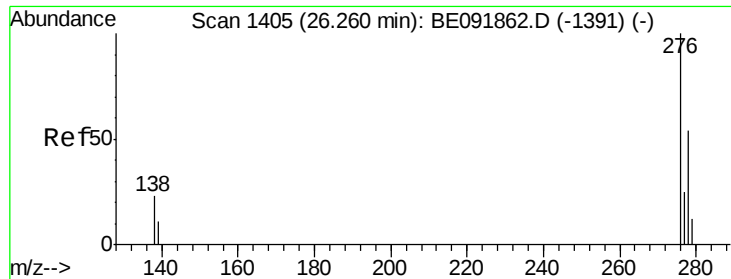
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#38
Bis(2-ethylhexyl)phthalate
Concen: 4.81 ng
RT: 21.17 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
279	0.0	0.0	0.0





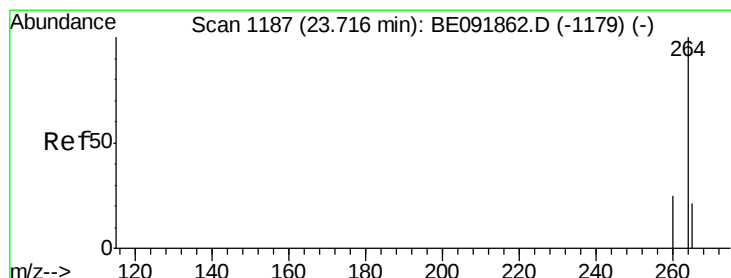
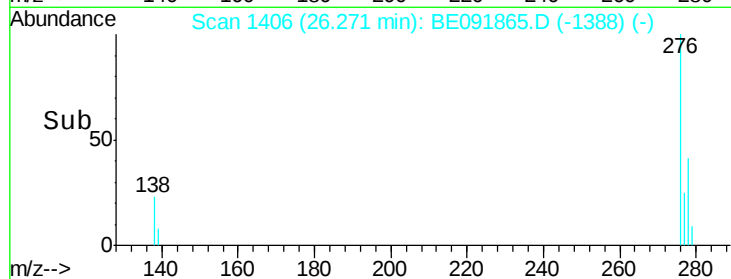
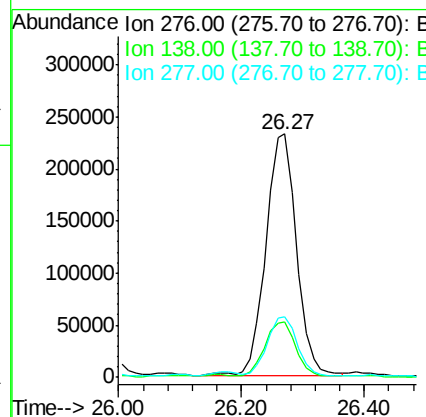
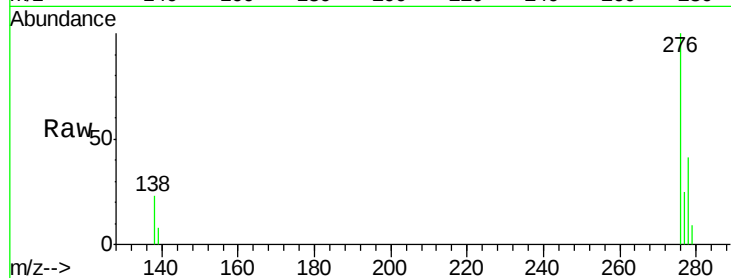
#39
Indeno(1,2,3-cd)pyrene
Concen: 9.68 ng
RT: 26.27 min Scan# 1406
Delta R.T. 0.01 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Instrument :
BNA_E
ClientSampleId :
SP-001-160517MS

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.4	19.7	29.5
277	24.1	20.1	30.1

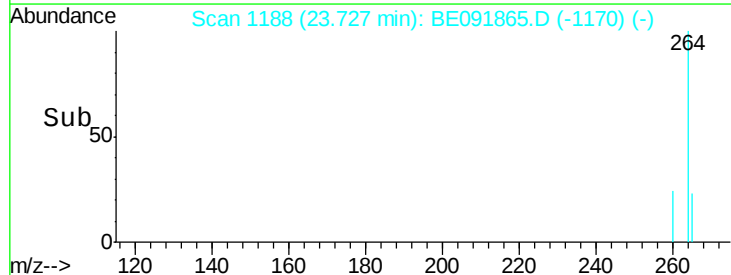
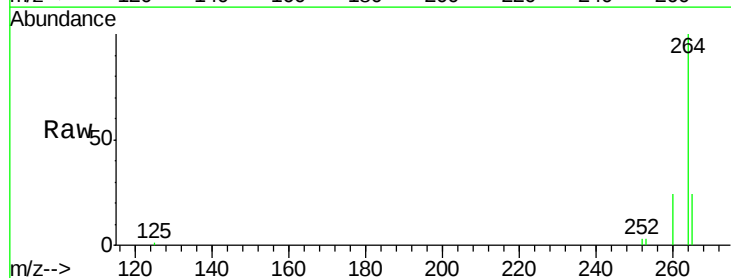
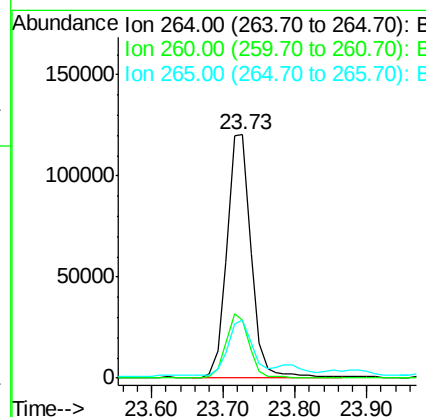
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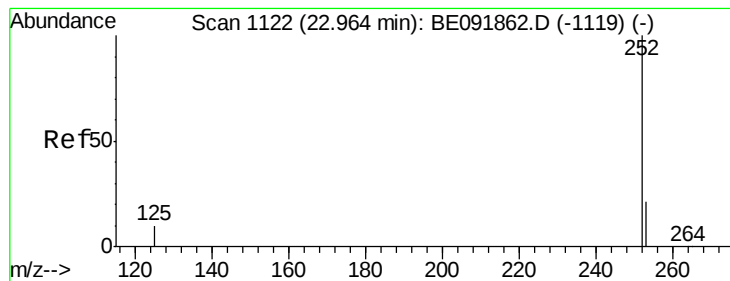
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#40
Perylene-d12
Concen: 5.00 ng
RT: 23.73 min Scan# 1188
Delta R.T. 0.01 min
Lab File: BE091865.D
Acq: 25 May 2016 19:11

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	20.3	30.5
265	23.9	17.6	26.4





#41

Benzo(b)fluoranthene

Concen: 15.78 ng

RT: 22.97 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Instrument :

BNA_E

ClientSampleId :

SP-001-160517MS

Tot Ion:252 Resp: 1194071

Ion Ratio Lower Upper

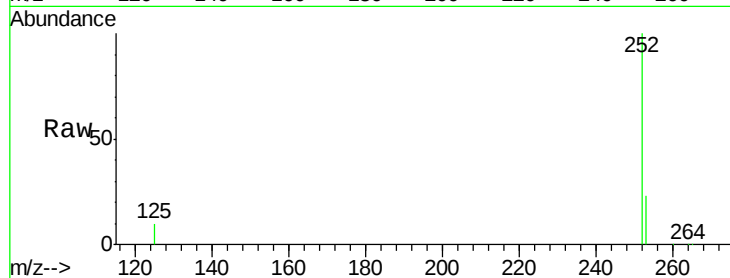
252 100

253 22.9 17.8 26.6

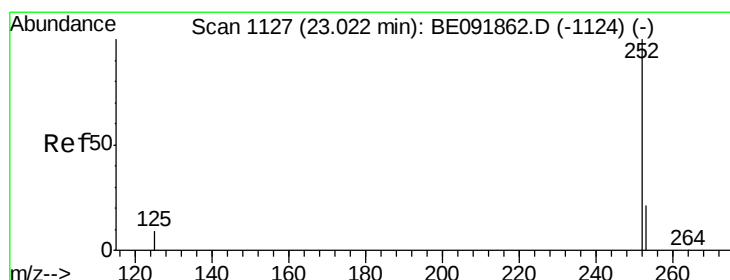
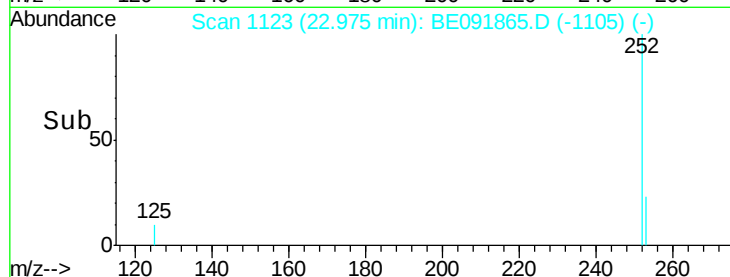
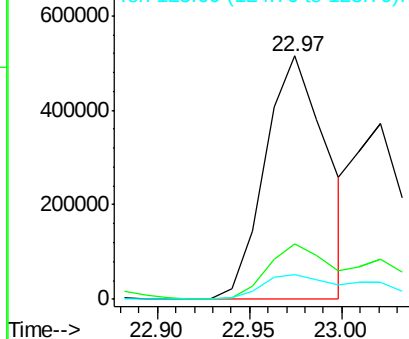
125 10.4 9.4 14.2

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#42

Benzo(k)fluoranthene

Concen: 9.89 ng m

RT: 23.02 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Tgt Ion:252 Resp: 679593

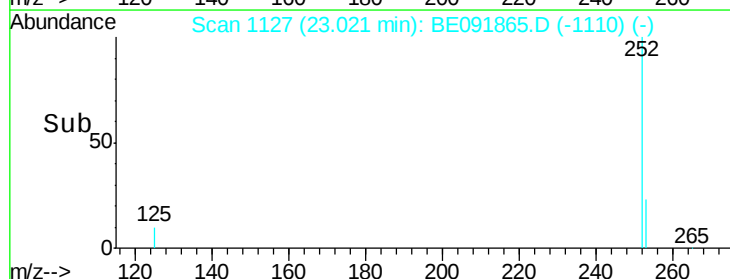
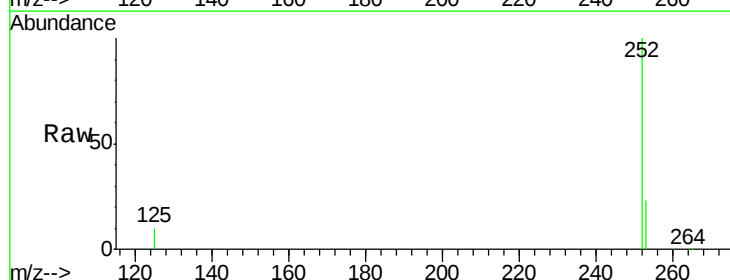
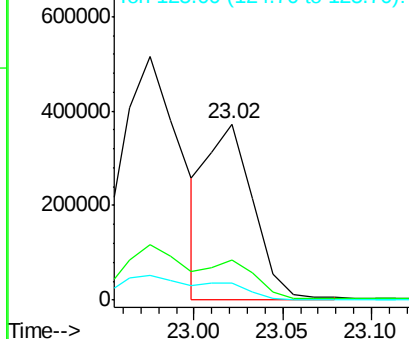
Ion Ratio Lower Upper

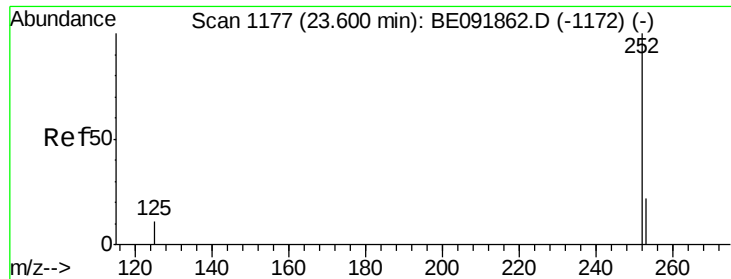
252 100

253 23.0 19.4 29.2

125 9.9 8.3 12.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#43

Benzo(a)pyrene

Concen: 13.33 ng

RT: 23.61 min Scan# 1178

Delta R.T. 0.01 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Instrument :

BNA_E

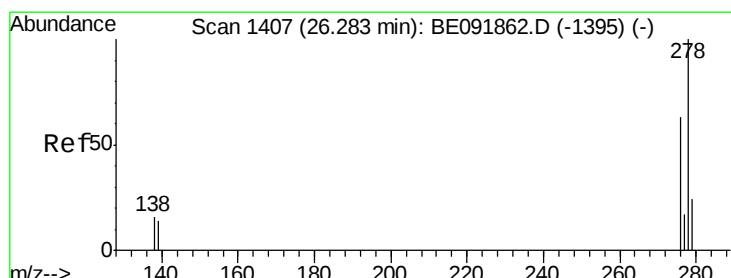
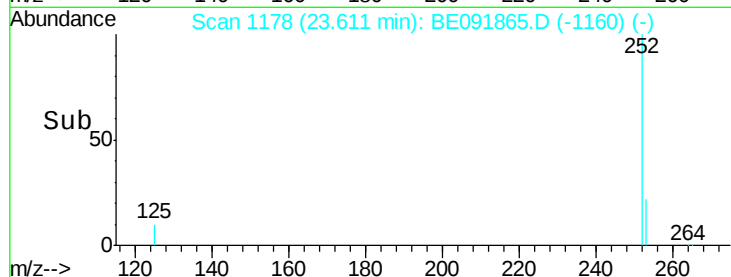
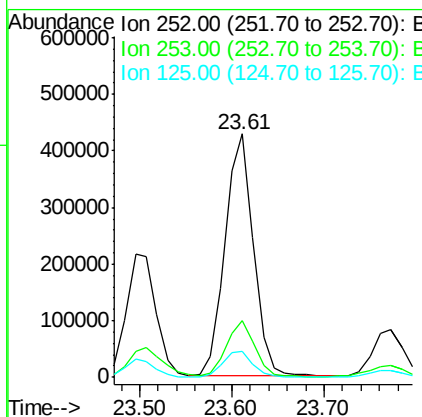
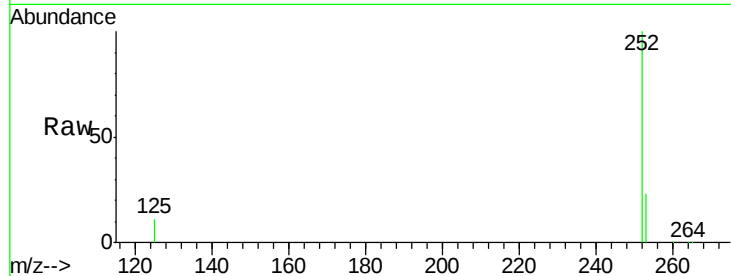
ClientSampleId :

SP-001-160517MS

Tot Ion:	252	Resp:	914210
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.9	28.3
125	10.7	10.5	15.7

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#44

Dibenzo(a,h)anthracene

Concen: 5.75 ng

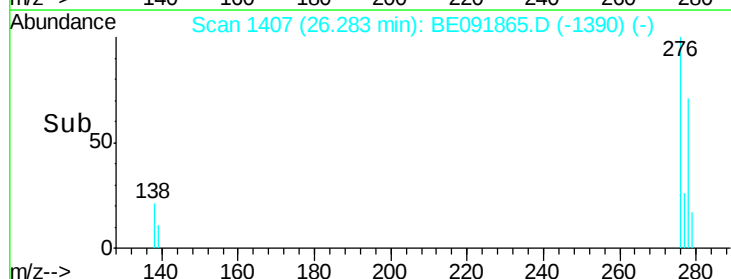
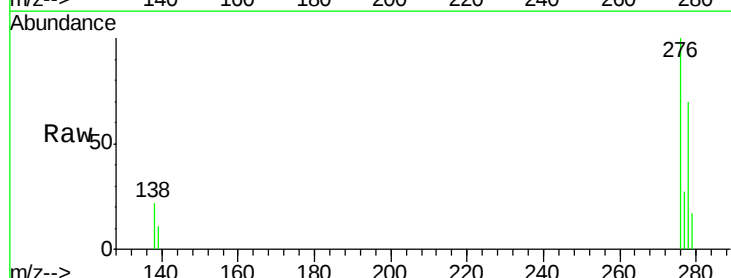
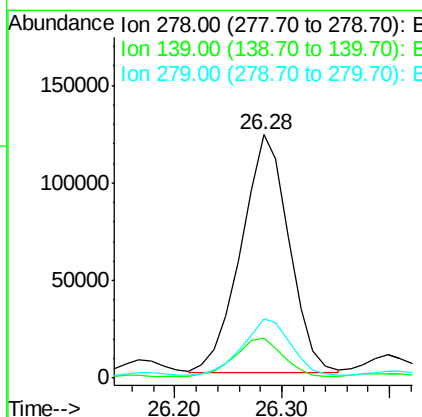
RT: 26.28 min Scan# 1407

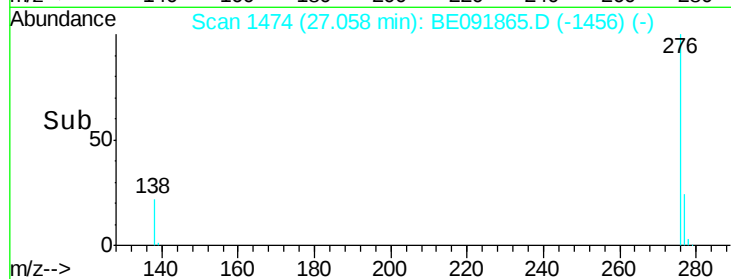
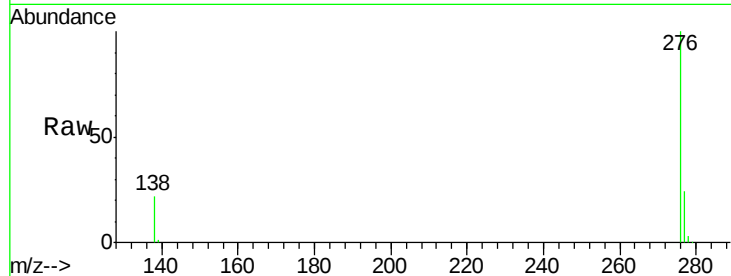
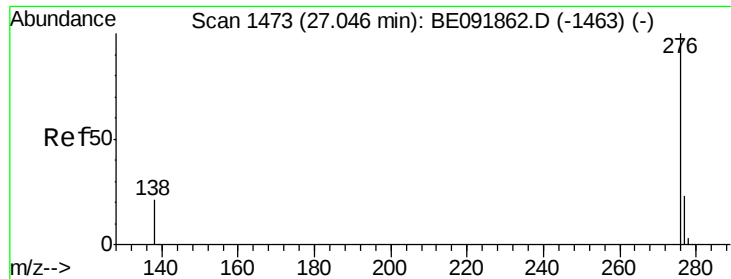
Delta R.T. -0.00 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Tgt Ion:	278	Resp:	378164
Ion Ratio	Lower	Upper	
278	100		
139	16.2	12.6	18.8
279	24.2	20.0	30.0





#45

Benzo(a,h,i)perylene

Concen: 11.49 ng

RT: 27.06 min Scan# 1474

Delta R.T. 0.01 min

Lab File: BE091865.D

Acq: 25 May 2016 19:11

Instrument :

BNA_E

ClientSampleId :

SP-001-160517MS

Tot Ion:	276	Resp:	766673
Ion Ratio	Lower	Upper	
276	100		
277	24.1	19.5	29.3
138	22.1	17.7	26.5

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