

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
 Data File : BE091781.D
 Acq On : 16 May 2016 19:42
 Operator : UM/SJ
 Sample : H3026-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 WELDON-WC-SC-019MSD

Manual Integrations
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 5/17/2016 7:17:34 PM

Quant Time: May 17 04:36:54 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	62252	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	323724	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	198057	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	464526	5.00	ng	0.00
26) Chrysene-d12	21.31	240	448048	5.00	ng	0.00
35) Perylene-d12	23.74	264	472413	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	52791	3.45	ng	0.00
5) Phenol-d6	6.95	99	87227	4.30	ng	0.00
8) Nitrobenzene-d5	8.95	82	41734	2.00	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	29620	4.10	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	119013	2.12	ng	0.00
29) Terphenyl-d14	19.76	244	182810	2.62	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	10641	1.40	ng	93
3) n-Nitrosodimethylamine	3.64	42	18162	1.61	ng	# 98
6) bis(2-Chloroethyl)ether	7.21	93	36547	2.05	ng	# 77
9) Nitrobenzene	8.98	77	44500	2.04	ng	93
10) Naphthalene	10.61	128	136990	2.09	ng	98
11) Hexachlorobutadiene	10.90	225	21035	2.18	ng	97
12) 2-Methylnaphthalene	12.23	142	100138	2.38	ng	99
16) Acenaphthylene	14.12	152	178643	2.34	ng	# 86
17) Acenaphthene	14.47	154	104174	2.11	ng	89
18) Fluorene	15.44	166	138254	2.25	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	38267	2.29	ng	94
21) Hexachlorobenzene	16.45	284	39374m	2.36	ng	
22) Pentachlorophenol	16.79	266	38102	4.26	ng	89
23) Phenanthrene	17.18	178	236013	2.24	ng	100
24) Anthracene	17.27	178	225765	2.37	ng	98
25) Fluoranthene	19.19	202	271392	2.46	ng	# 96
27) Benzdine	19.38	184	39199	1.23	ng	# 77
28) Pyrene	19.55	202	287887	2.84	ng	99
30) Benzo(a)anthracene	21.29	228	247331	2.26	ng	# 89
31) 3,3'-Dichlorobenzidine	21.22	252	36360	0.65	ng	# 88
32) Chrysene	21.34	228	274863m	2.42	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	187298	5.65	ng	# 87
34) Indeno(1,2,3-cd)pyrene	26.29	276	271359	2.68	ng	95
36) Benzo(b)fluoranthene	22.99	252	249659m	2.26	ng	
37) Benzo(k)fluoranthene	23.03	252	253619	2.25	ng	97
38) Benzo(a)pyrene	23.62	252	236861	2.27	ng	96
39) Dibenzo(a,h)anthracene	26.32	278	225545	2.28	ng	95
40) Benzo(g,h,i)perylene	27.08	276	229965	2.29	ng	95

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

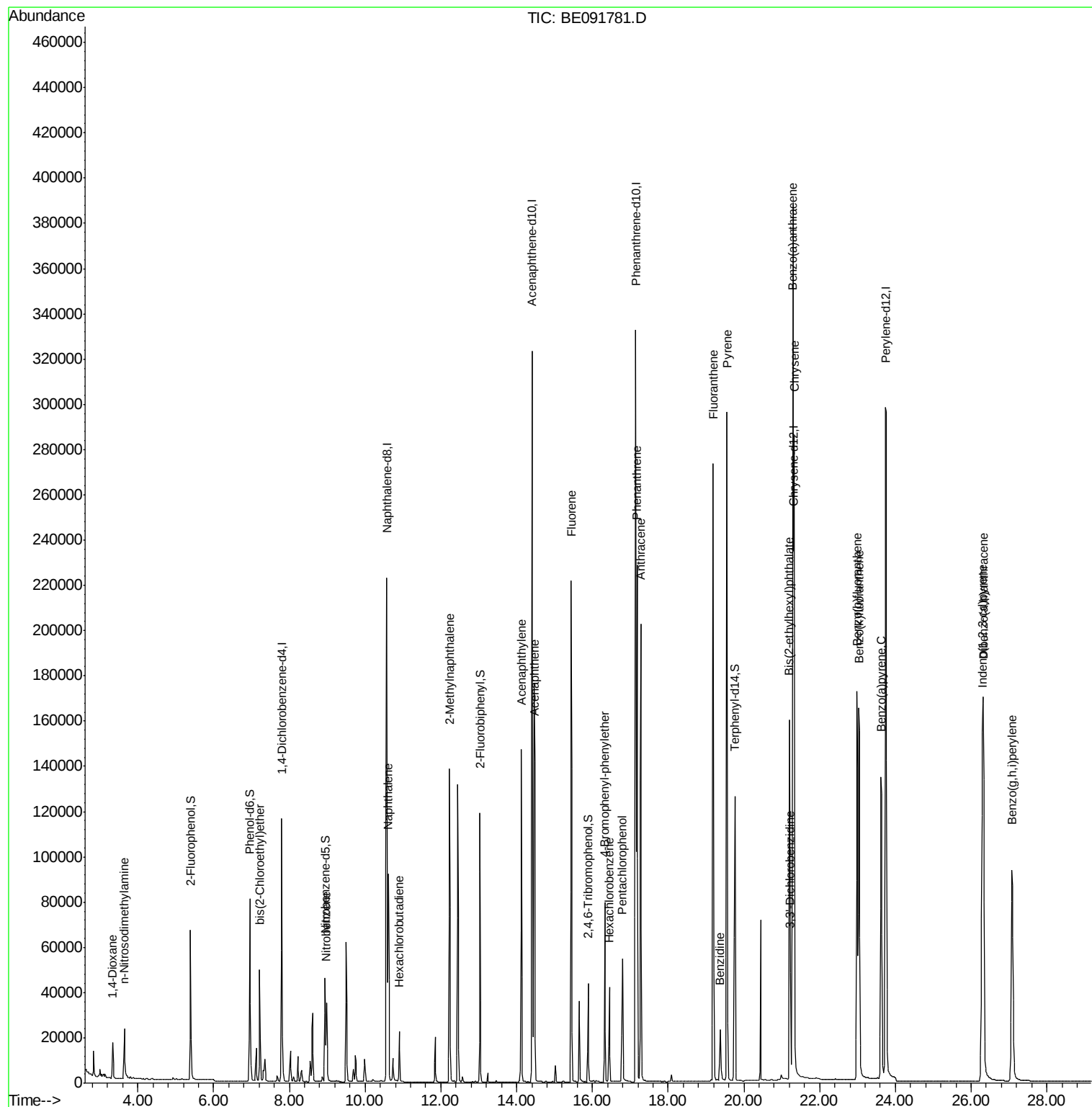
Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
Data File : BE091781.D
Acq On : 16 May 2016 19:42
Operator : UM/SJ
Sample : H3026-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

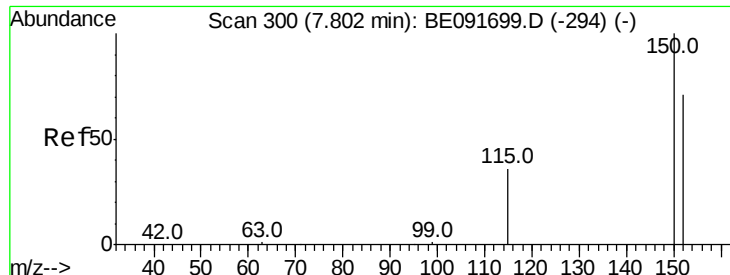
Instrument :
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QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091781.D

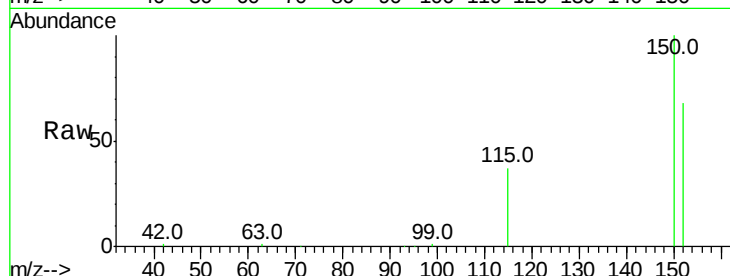
Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MSD



Tot Ion:152 Resp: 62252

Ion Ratio Lower Upper

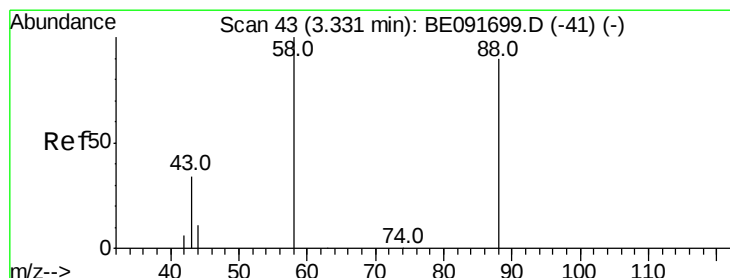
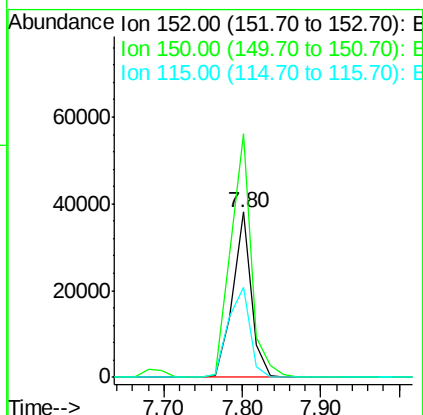
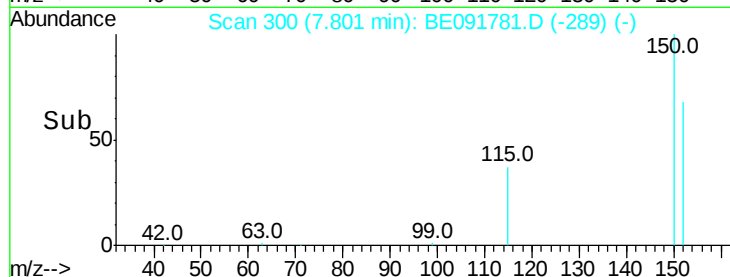
152 100

150 147.6 122.6 183.8

115 54.7 52.8 79.2

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#2

1,4-Dioxane

Concen: 1.40 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

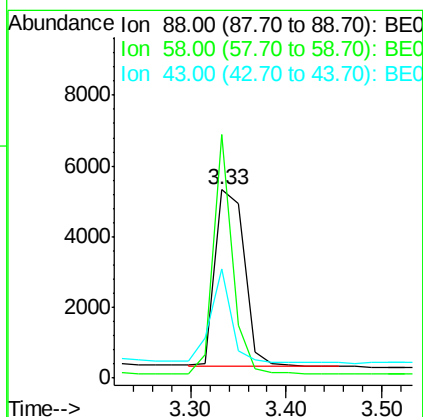
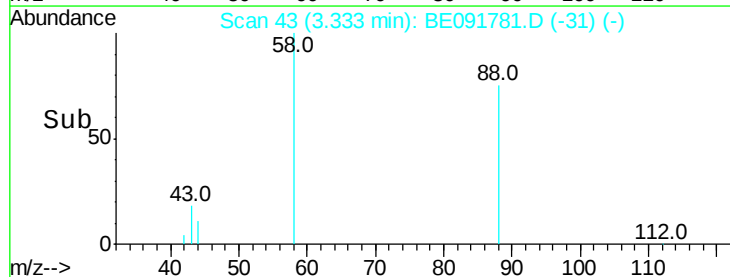
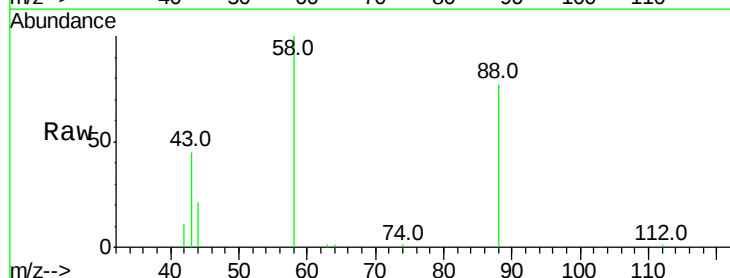
Tgt Ion: 88 Resp: 10641

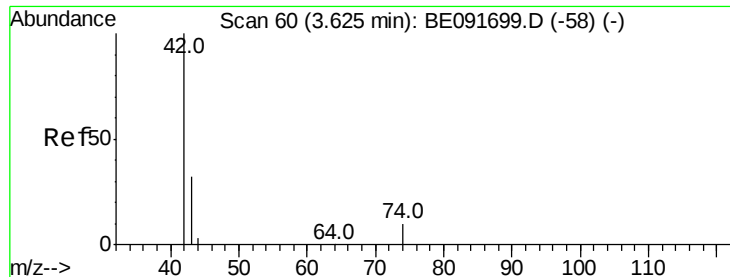
Ion Ratio Lower Upper

88 100

58 87.3 65.8 98.6

43 37.9 25.3 37.9





#3

n-Nitrosodimethylamine

Concen: 1.61 ng

RT: 3.64 min Scan# 61

Delta R.T. 0.02 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

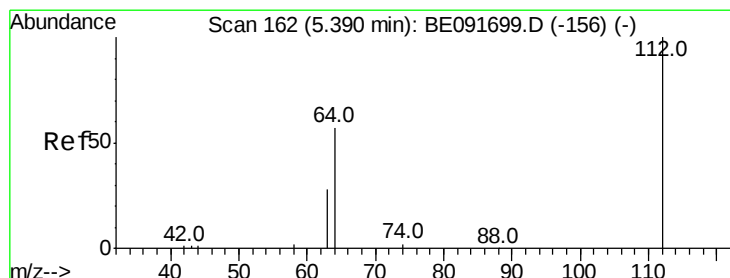
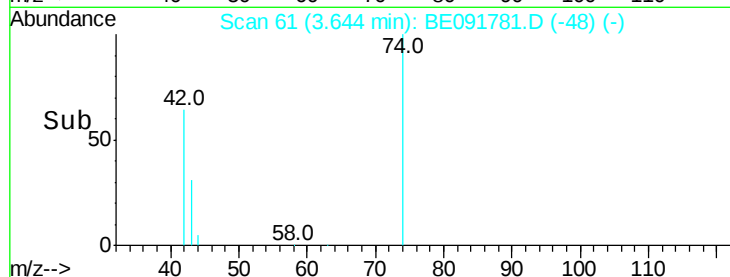
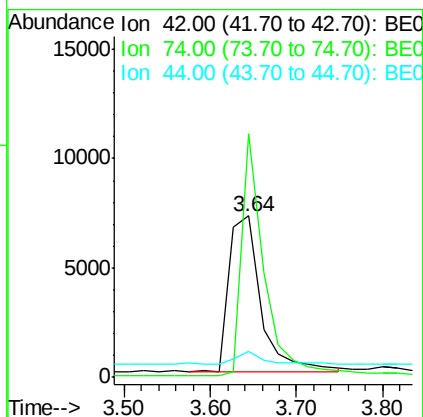
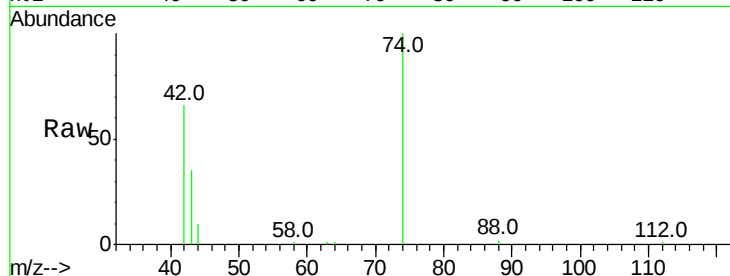
ClientSampleId :

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Tot Ion:	42	Resp:	18162
Ion Ratio	Lower	Upper	
42	100		
74	108.4	87.9	131.9
44	6.3	6.6	9.8#



#4

2-Fluorophenol

Concen: 3.45 ng

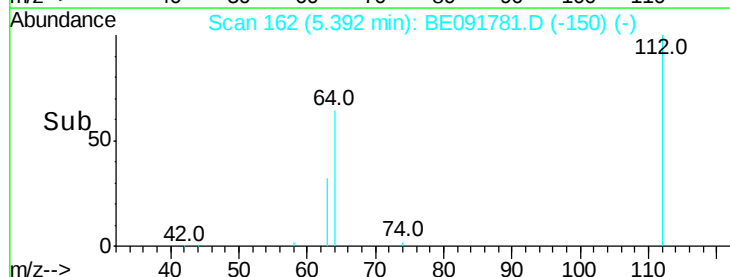
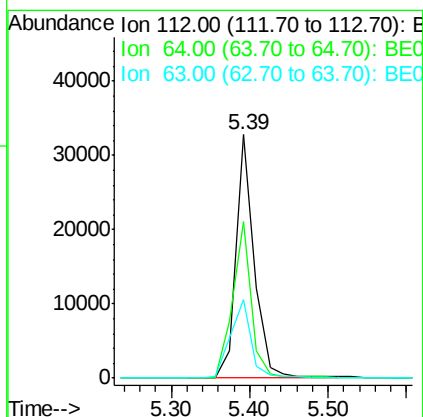
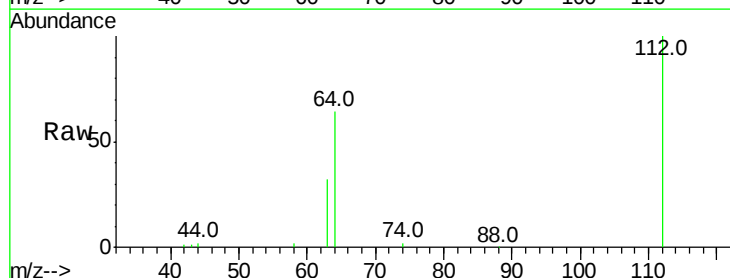
RT: 5.39 min Scan# 162

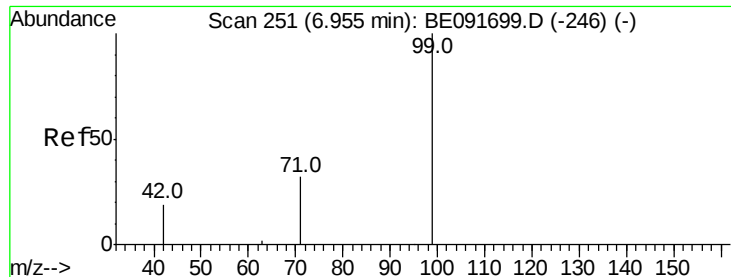
Delta R.T. 0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Tgt Ion:	112	Resp:	52791
Ion Ratio	Lower	Upper	
112	100		
64	65.8	30.9	46.3#
63	35.4	16.7	25.1#





#5

Phenol-d6

Concen: 4.30 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

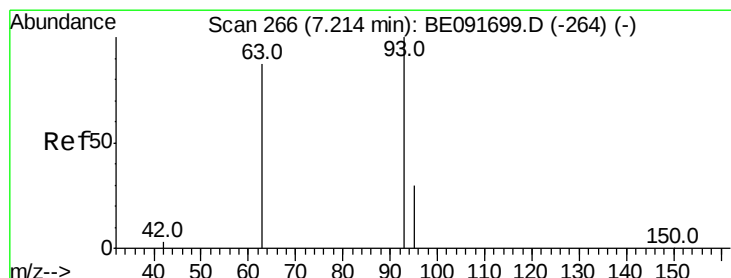
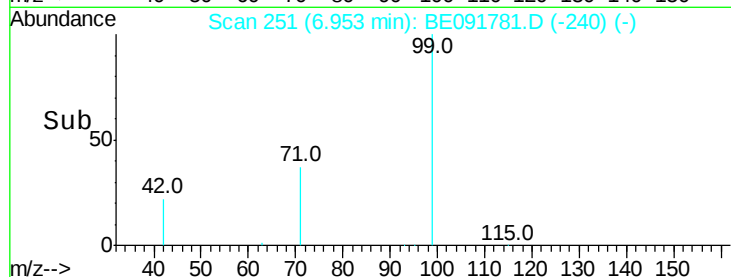
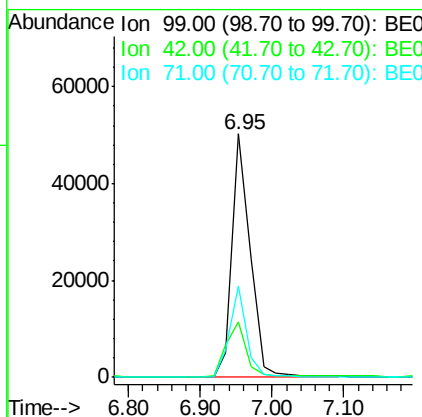
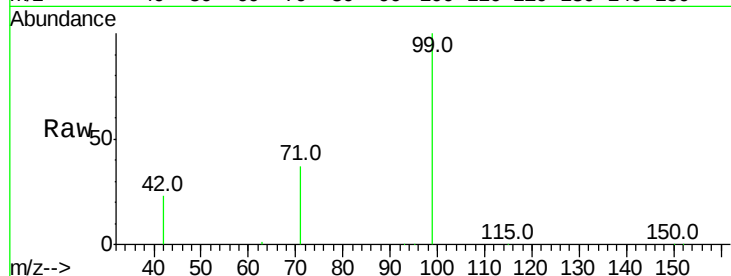
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Tot Ion: 99 Resp: 87227

Ion	Ratio	Lower	Upper
99	100		
42	24.8	16.2	24.2#
71	35.2	29.0	43.4

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#6

bis(2-Chloroethyl)ether

Concen: 2.05 ng

RT: 7.21 min Scan# 266

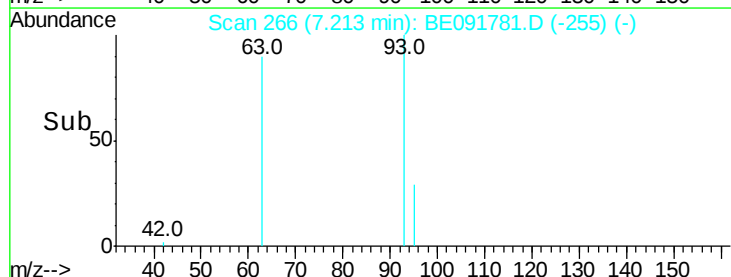
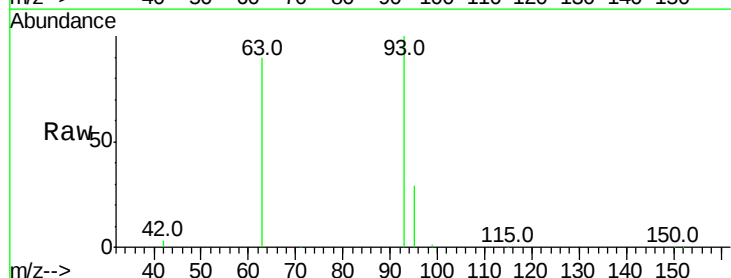
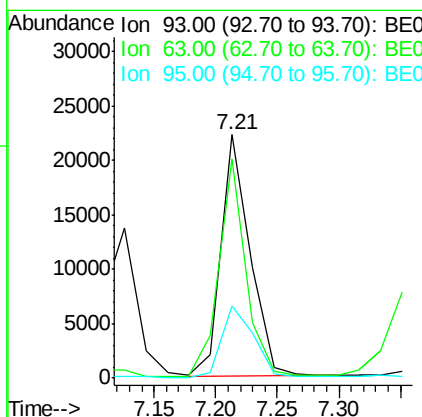
Delta R.T. -0.00 min

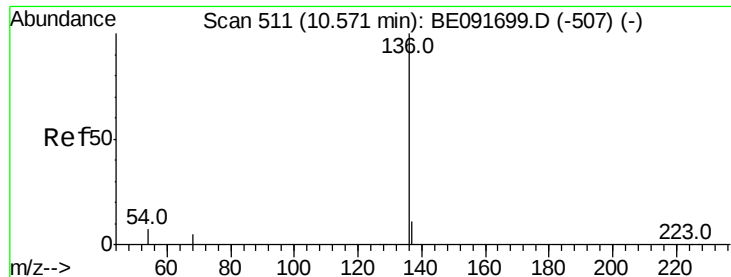
Lab File: BE091781.D

Acq: 16 May 2016 19:42

Tgt Ion: 93 Resp: 36547

Ion	Ratio	Lower	Upper
93	100		
63	84.4	49.5	74.3#
95	32.5	22.2	33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. -0.00 min

Lab File: BE091781.D

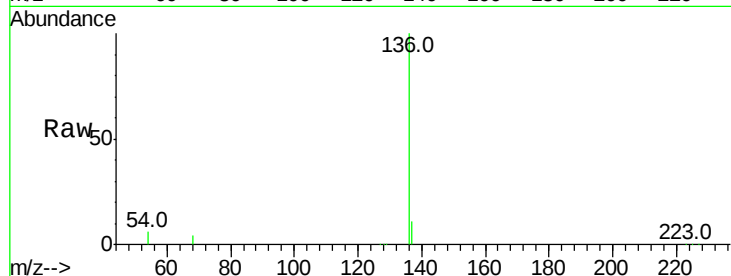
Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

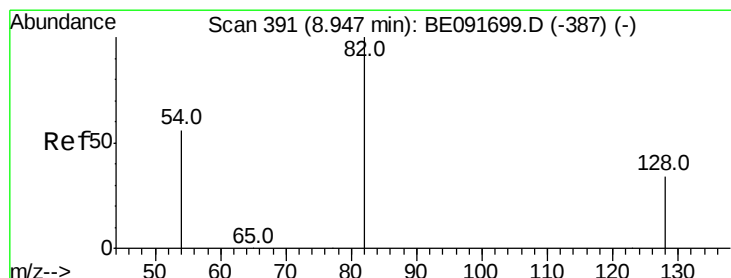
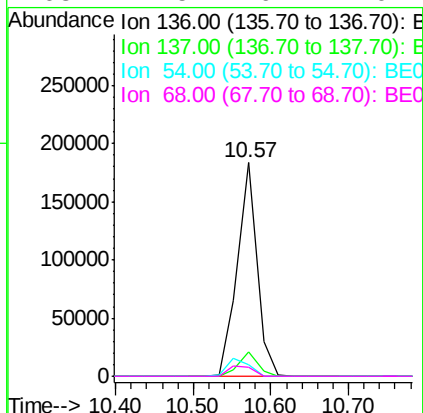
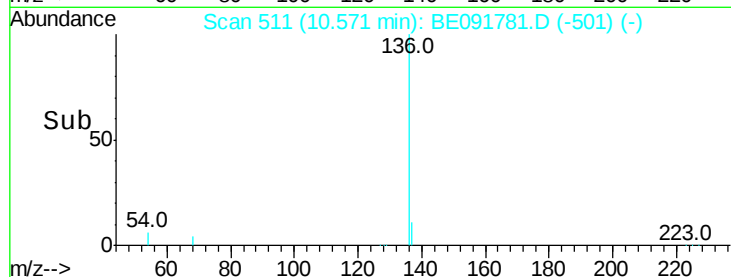
WELDON-WC-SC-019MSD



Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	5.7	8.2	12.4	
68	4.5	6.2	9.4	

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#8

Nitrobenzene-d5

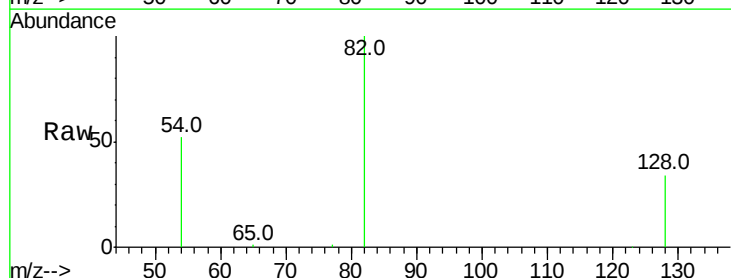
Concen: 2.00 ng

RT: 8.95 min Scan# 391

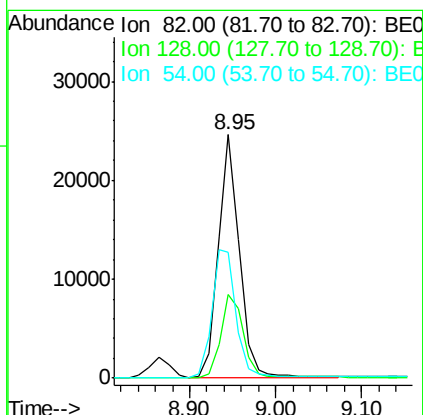
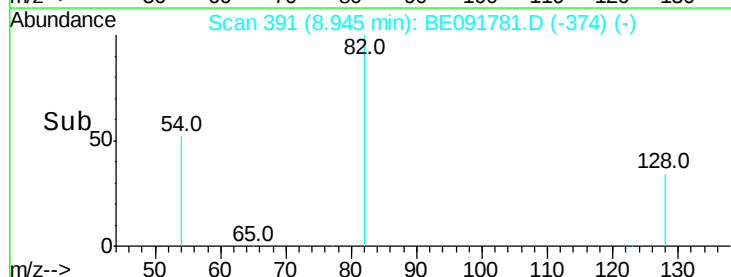
Delta R.T. -0.00 min

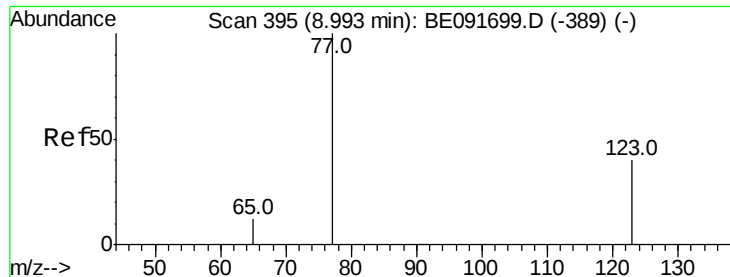
Lab File: BE091781.D

Acq: 16 May 2016 19:42



Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	34.4	25.4	38.0	
54	51.8	48.4	72.6	





#9

Nitrobenzene

Concen: 2.04 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

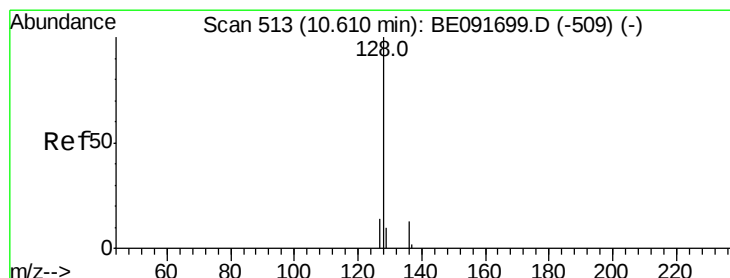
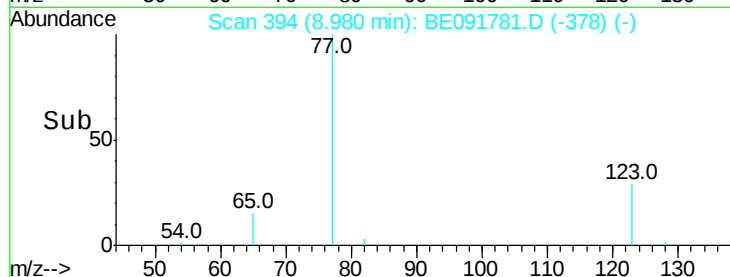
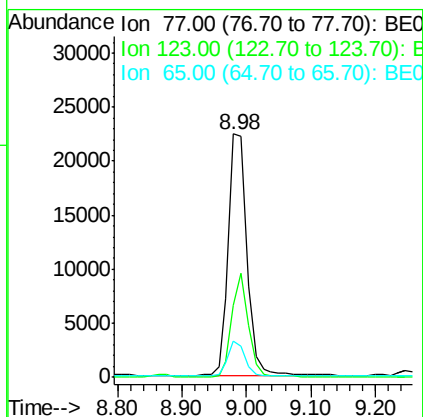
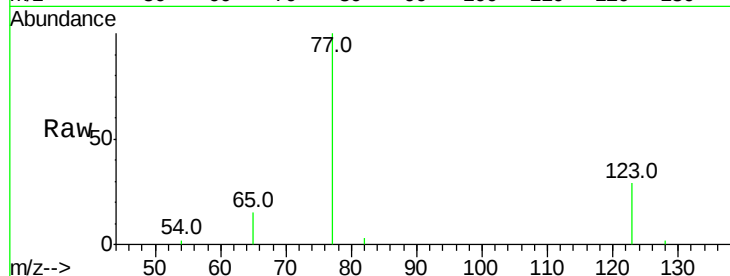
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	77	Resp:	44500
Ion Ratio	Lower	Upper	
77	100		
123	38.1	26.9	40.3
65	14.0	9.4	14.2

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#10

Naphthalene

Concen: 2.09 ng

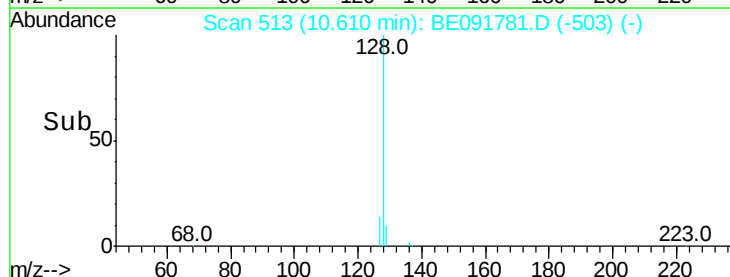
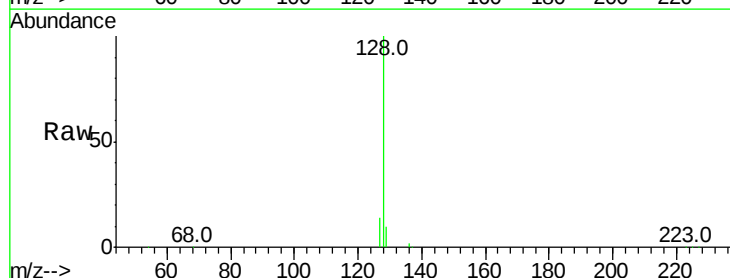
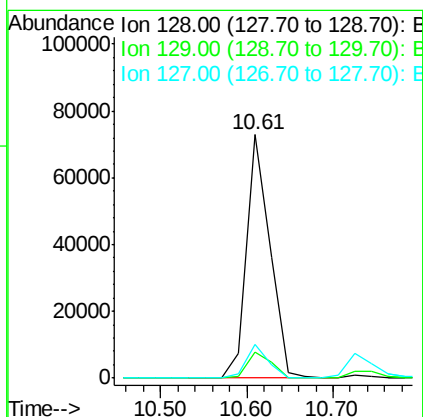
RT: 10.61 min Scan# 513

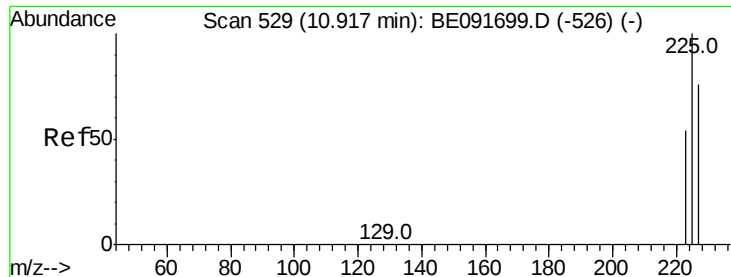
Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Tgt Ion:	128	Resp:	136990
Ion Ratio	Lower	Upper	
128	100		
129	10.5	9.3	13.9
127	13.8	10.7	16.1





#11

Hexachlorobutadiene

Concen: 2.18 ng

RT: 10.90 min Scan# 528

Delta R.T. -0.02 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

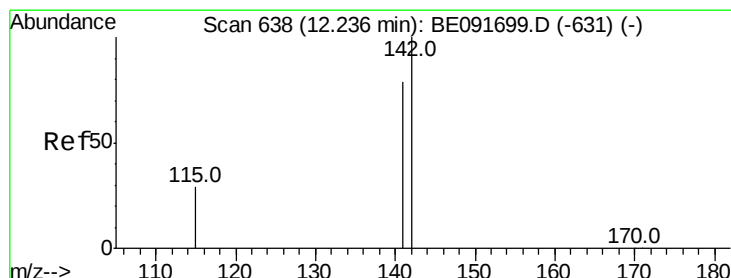
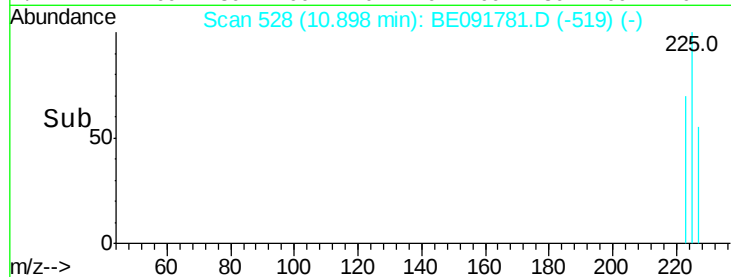
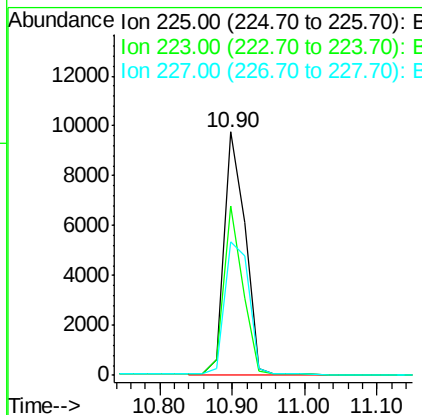
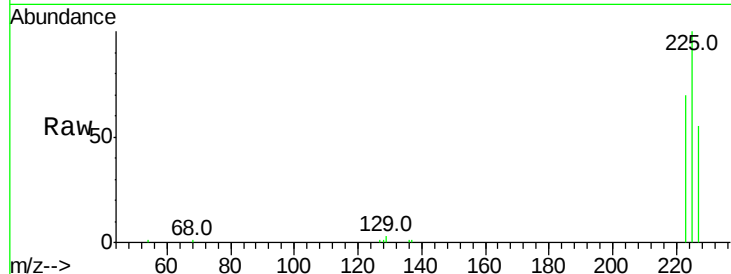
ClientSampleId :

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Tot Ion:	225	Resp:	21035
Ion Ratio	Lower	Upper	
225	100		
223	64.0	49.0	73.6
227	64.3	50.3	75.5



#12

2-Methylnaphthalene

Concen: 2.38 ng

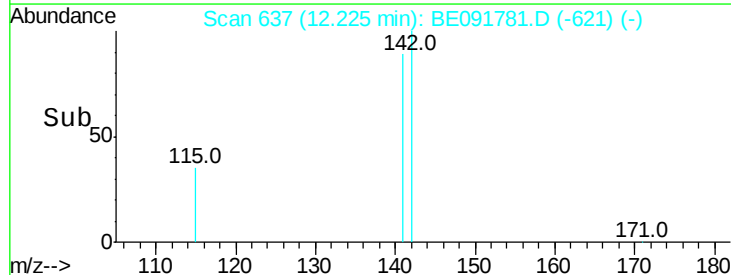
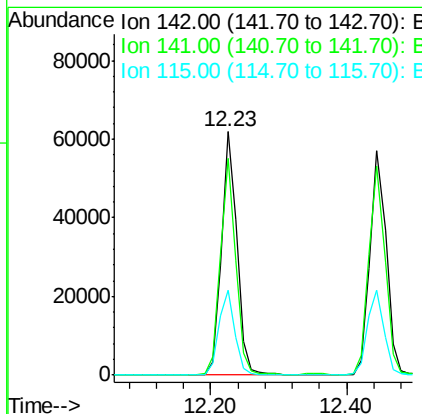
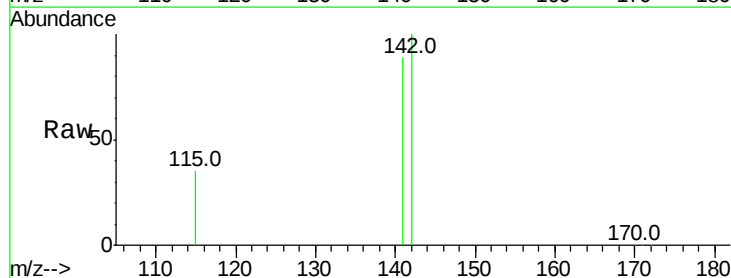
RT: 12.23 min Scan# 637

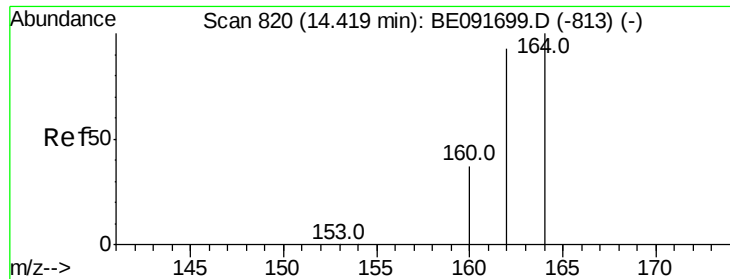
Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Tgt Ion:	142	Resp:	100138
Ion Ratio	Lower	Upper	
142	100		
141	89.1	71.4	107.0
115	35.0	30.3	45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

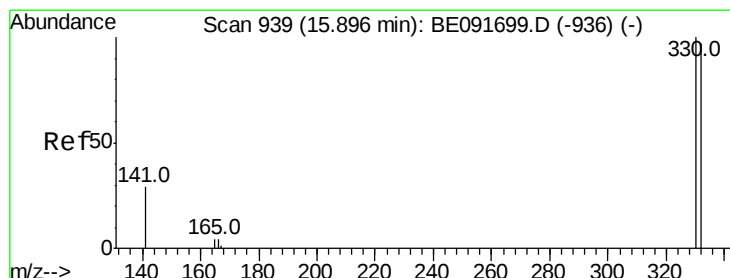
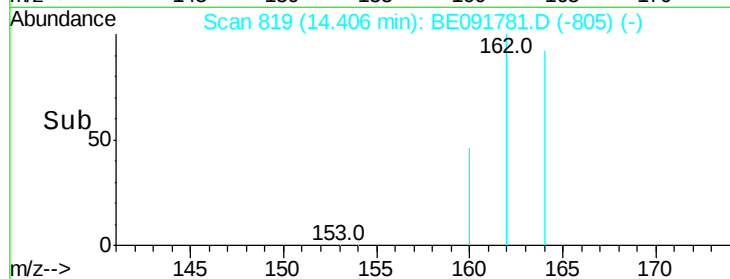
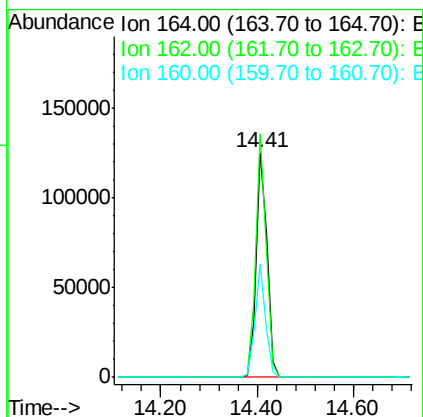
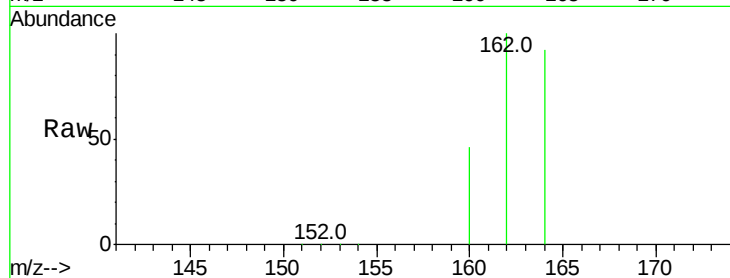
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	164	Resp:	198057
Ion Ratio	Lower	Upper	
164	100		
162	108.4	85.3	127.9
160	50.1	46.2	69.2

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#14

2,4,6-Tribromophenol

Concen: 4.10 ng

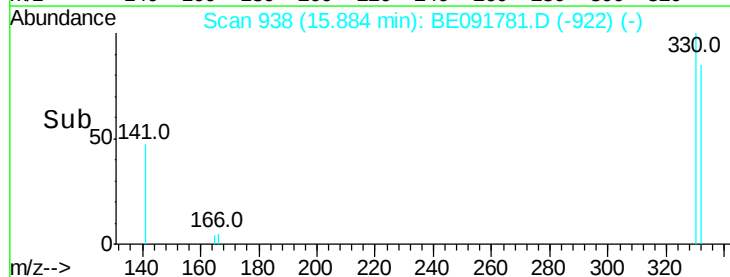
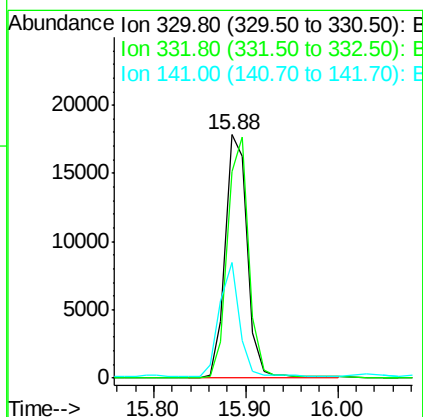
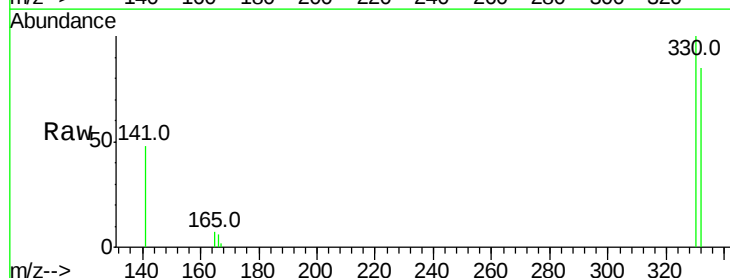
RT: 15.88 min Scan# 938

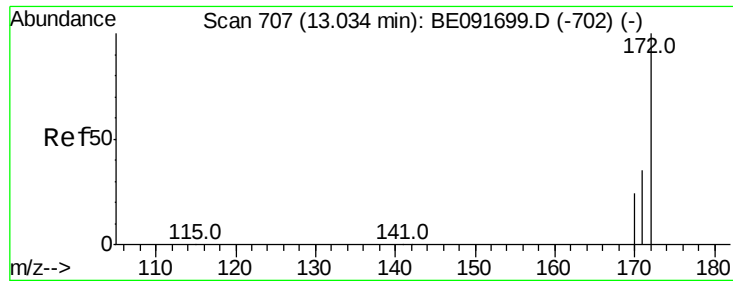
Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Tgt Ion:	330	Resp:	29620
Ion Ratio	Lower	Upper	
330	100		
332	96.1	79.1	118.7
141	42.3	125.4	188.0#





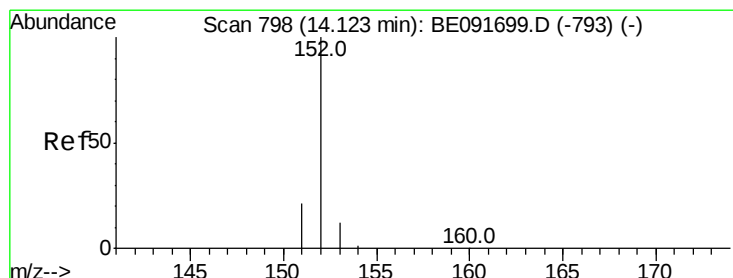
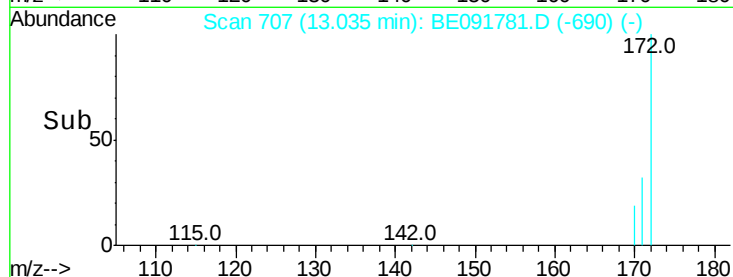
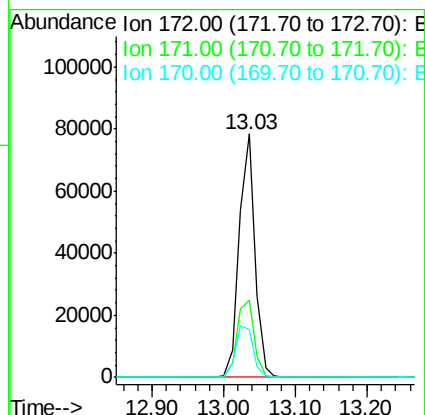
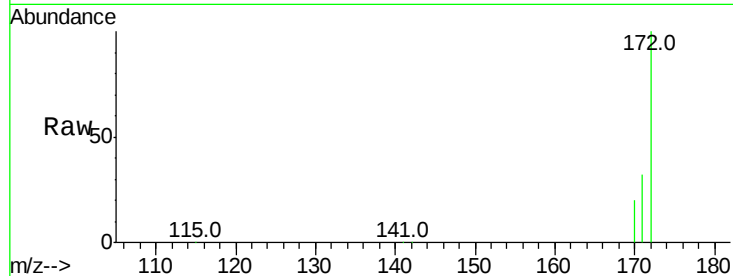
#15
2-Fluorobiphenyl
Concen: 2.12 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
172	100	119013		
171	31.8	28.8	43.2	
170	19.5	19.3	28.9	

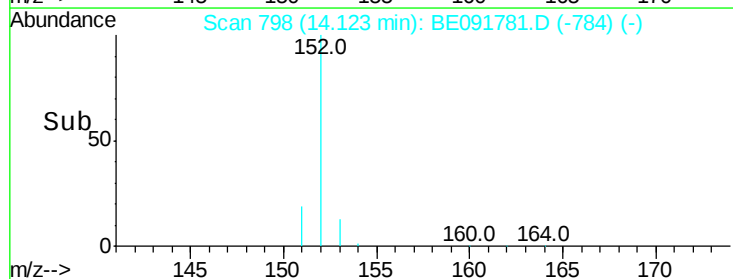
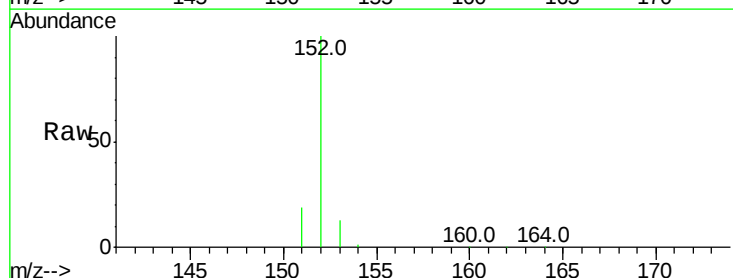
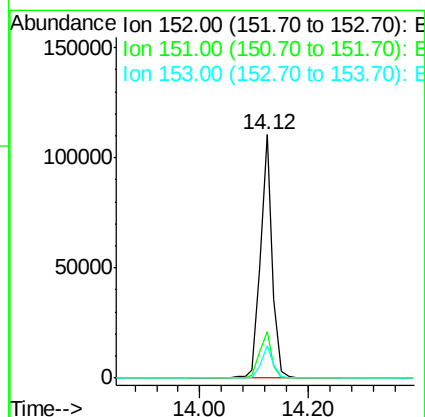
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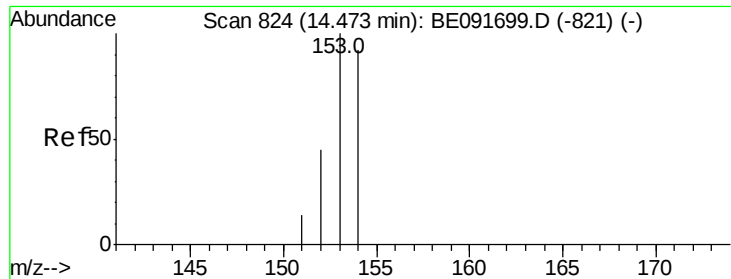
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#16
Acenaphthylene
Concen: 2.34 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	178643		
151	20.1	3.9	5.9#	
153	13.5	10.3	15.5	





#17

Acenaphthene

Concen: 2.11 ng

RT: 14.47 min Scan# 824

Delta R.T. 0.00 min

Lab File: BE091781.D

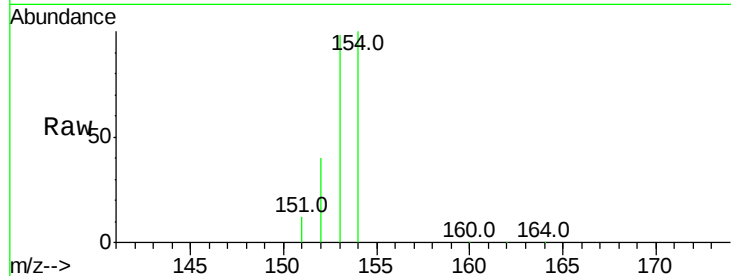
Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

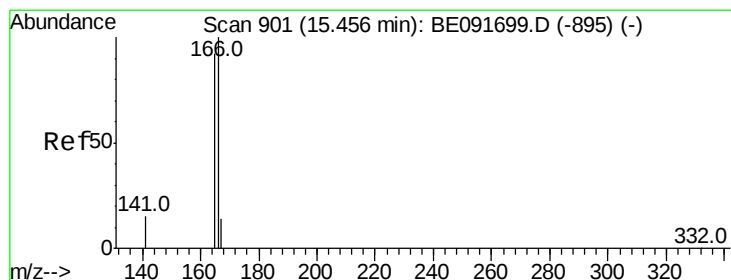
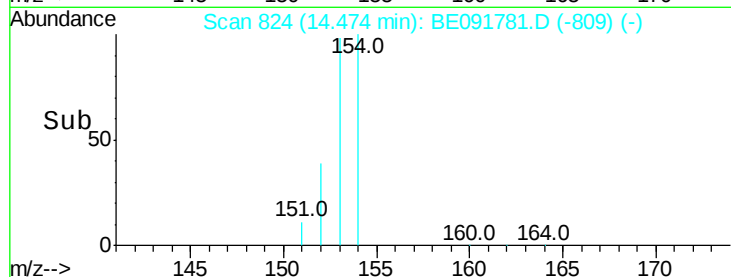
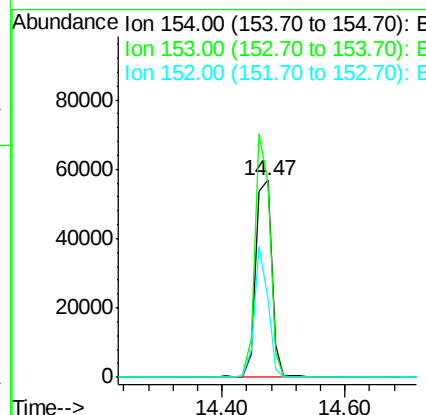
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Tot Ion:	154	Resp:	104174
Ion Ratio	Lower	Upper	
154	100		
153	112.6	80.0	120.0
152	54.8	40.0	60.0

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#18

Fluorene

Concen: 2.25 ng

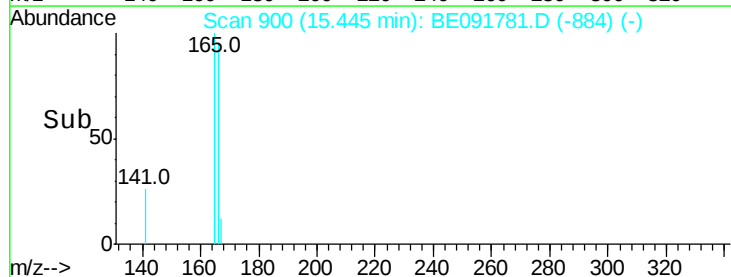
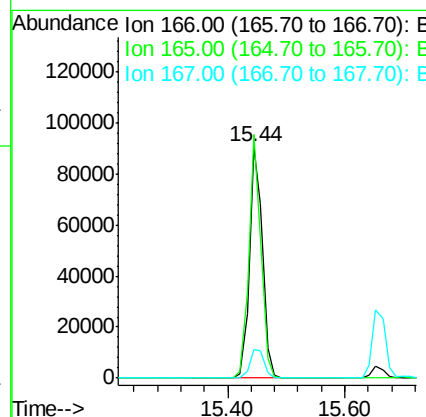
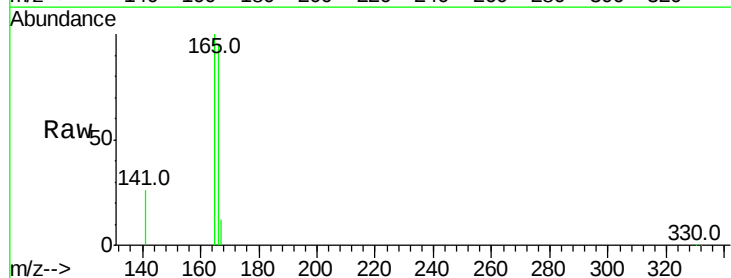
RT: 15.44 min Scan# 900

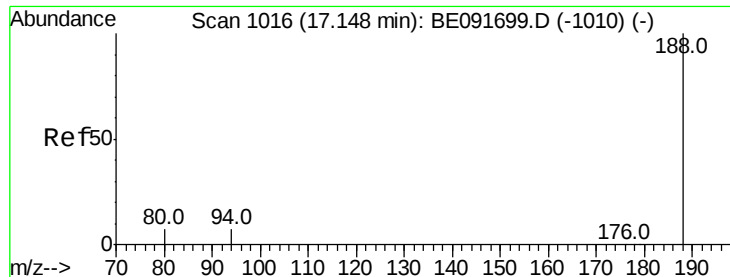
Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Tgt Ion:	166	Resp:	138254
Ion Ratio	Lower	Upper	
166	100		
165	98.9	80.8	121.2
167	13.5	10.9	16.3





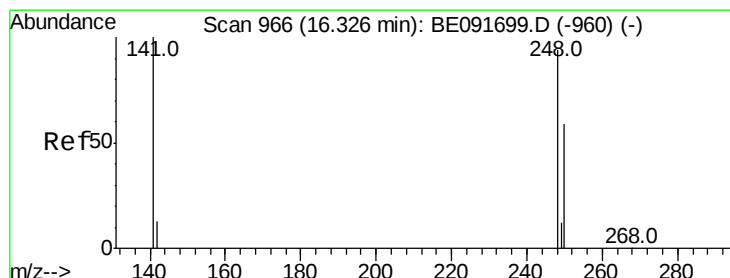
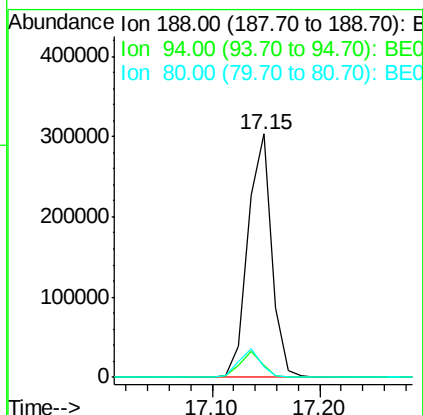
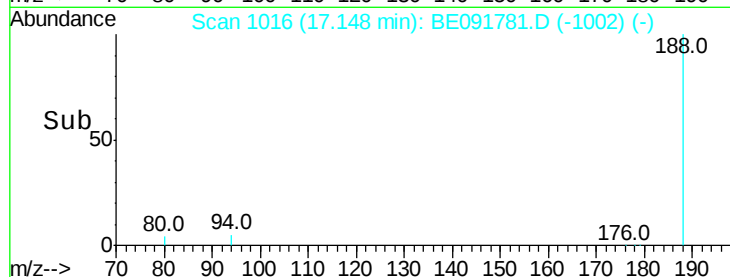
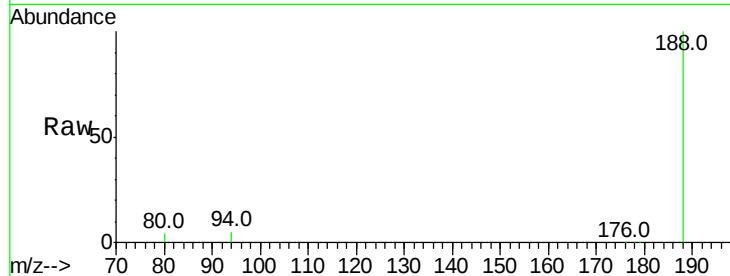
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
188	100	464526		
94	5.1	8.7	13.1	
80	4.3	9.4	14.0	

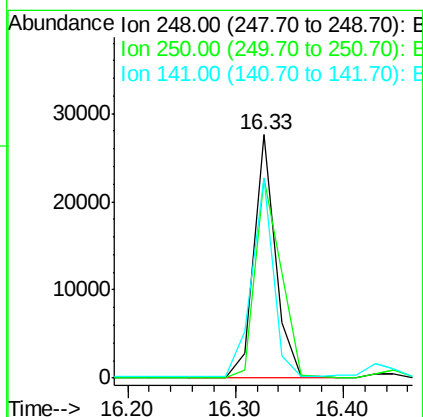
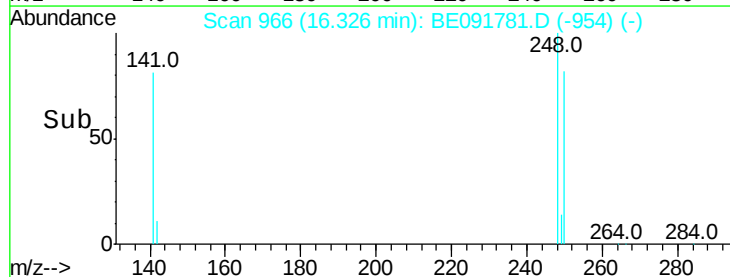
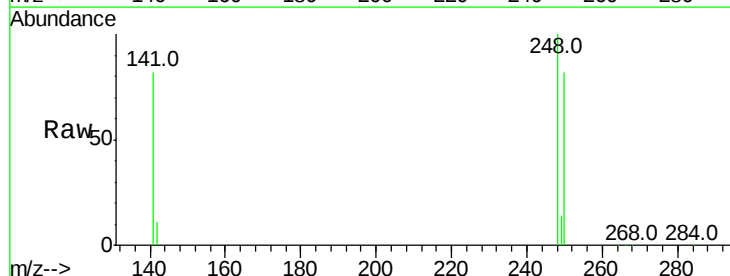
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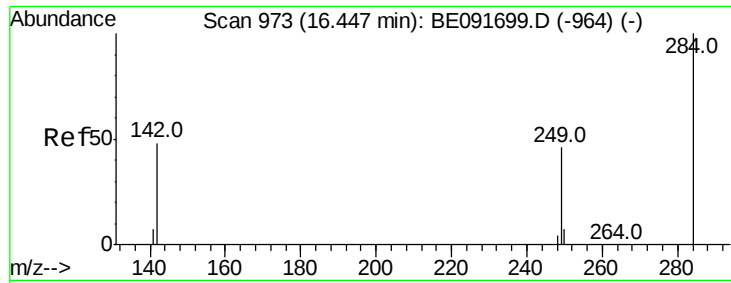
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#20
4-Bromophenyl-phenylether
Concen: 2.29 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	38267		
250	97.4	80.5	120.7	
141	82.1	72.0	108.0	





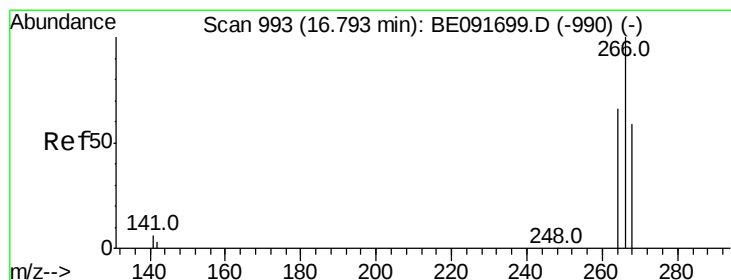
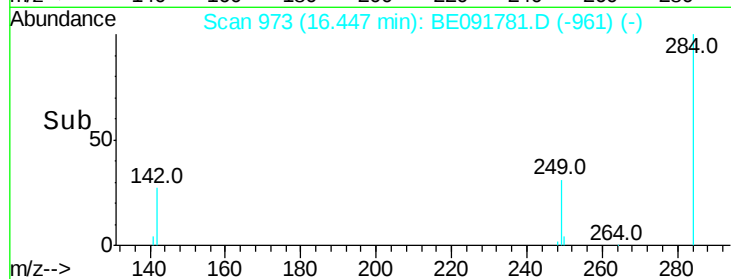
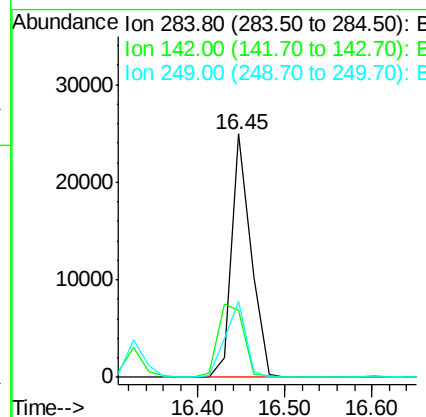
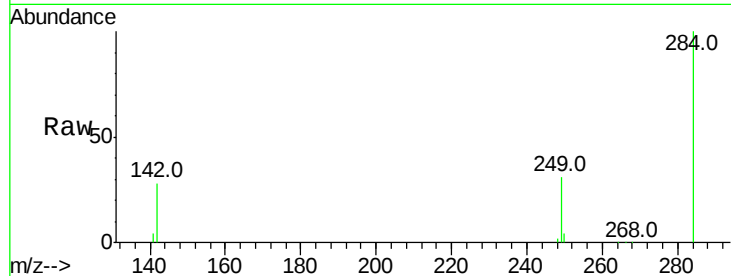
#21
Hexachlorobenzene
Concen: 2.36 ng m
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	39.0	32.2	48.2	
249	32.3	25.4	38.2	

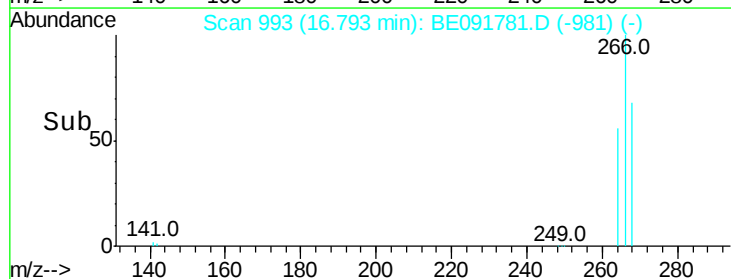
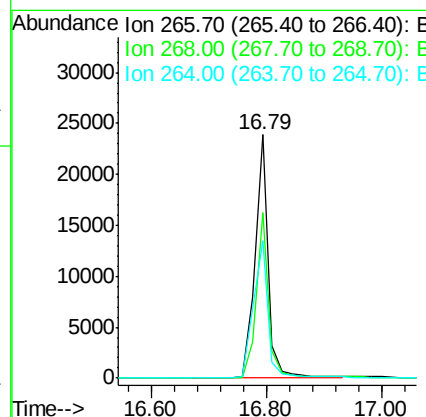
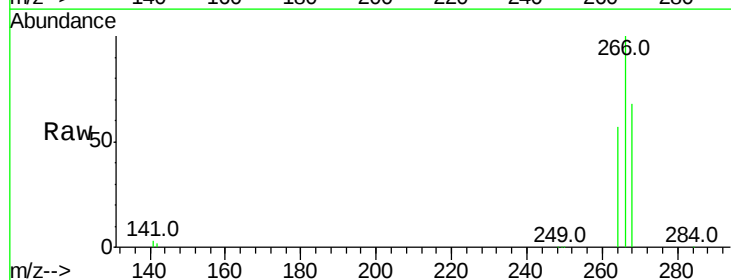
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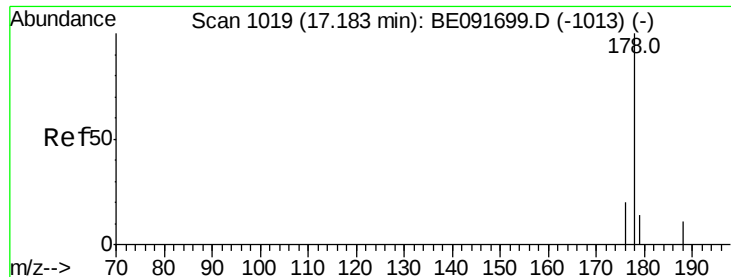
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#22
Pentachlorophenol
Concen: 4.26 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
266	100			
268	67.8	58.2	87.2	
264	56.6	56.2	84.4	





#23

Phenanthrene

Concen: 2.24 ng

RT: 17.18 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

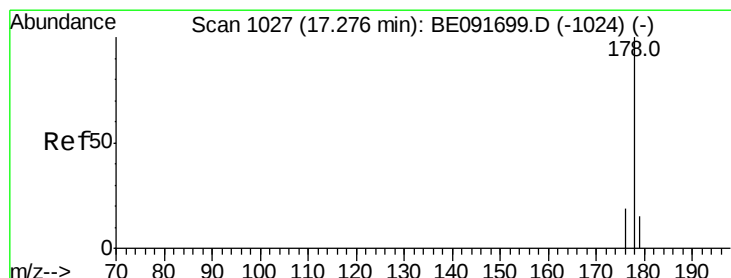
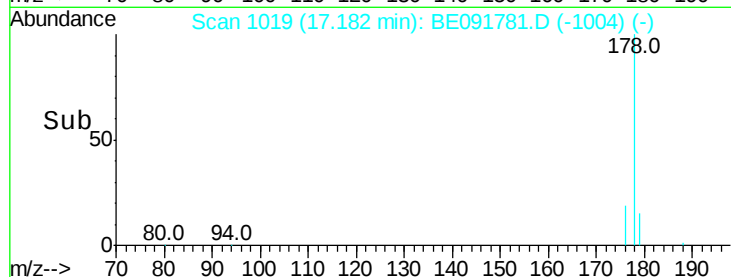
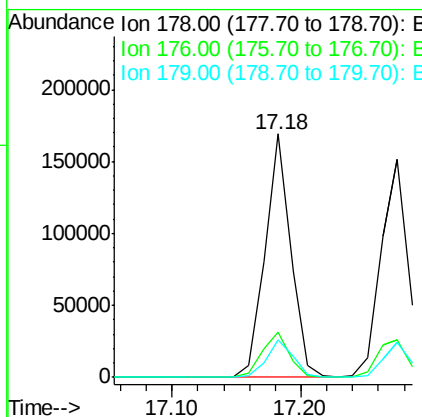
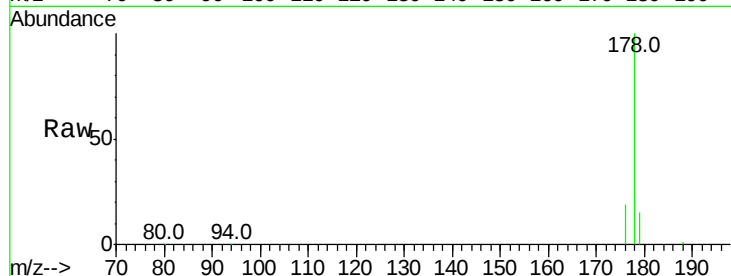
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	178	Resp:	236013
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.3	22.9
179	15.7	12.6	18.8

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#24

Anthracene

Concen: 2.37 ng

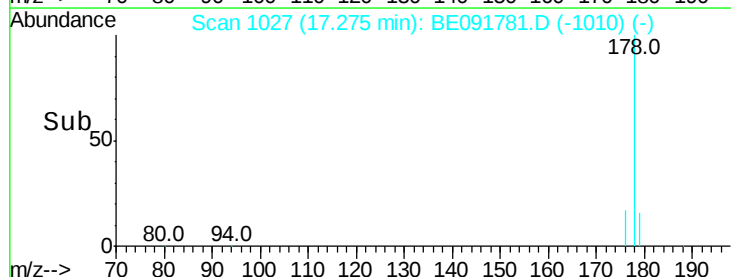
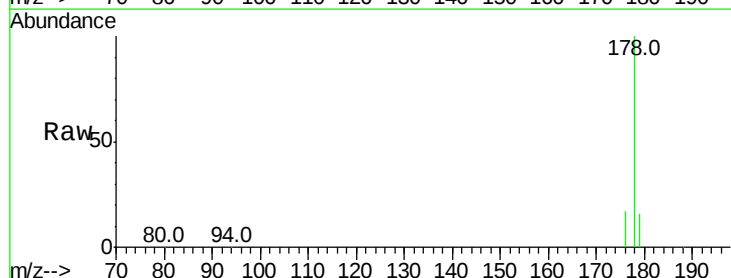
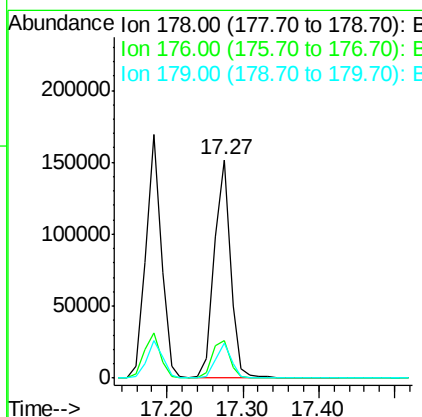
RT: 17.27 min Scan# 1027

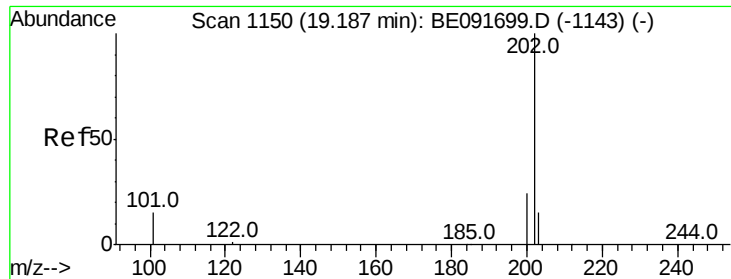
Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Tgt Ion:	178	Resp:	225765
Ion Ratio	Lower	Upper	
178	100		
176	18.8	14.6	21.8
179	15.4	11.8	17.6





#25

Fluoranthene

Concen: 2.46 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

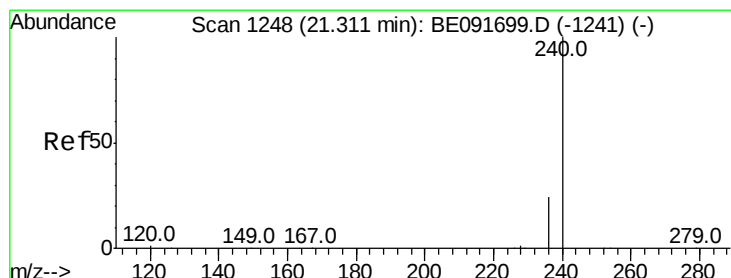
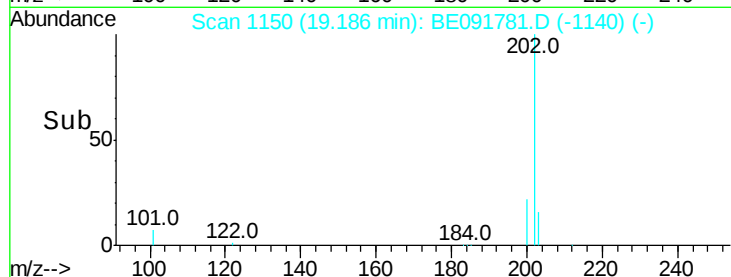
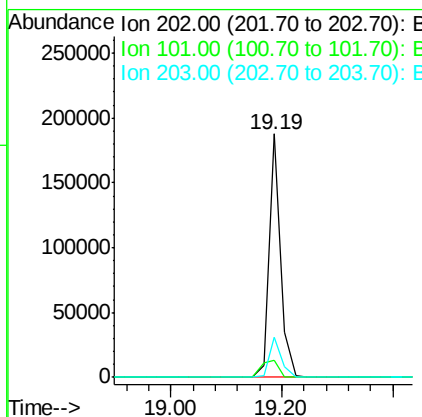
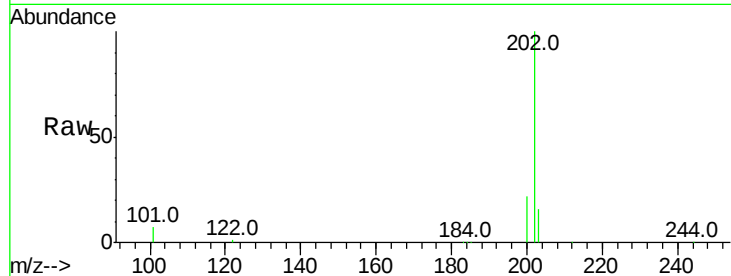
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	202	Resp:	271392
Ion Ratio	Lower	Upper	
202	100		
101	10.4	11.0	16.6#
203	17.5	13.9	20.9

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#26

Chrysene-d12

Concen: 5.00 ng

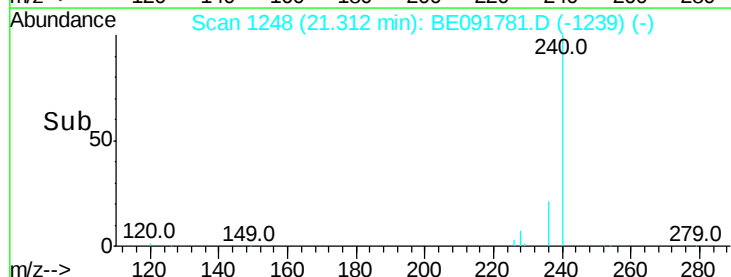
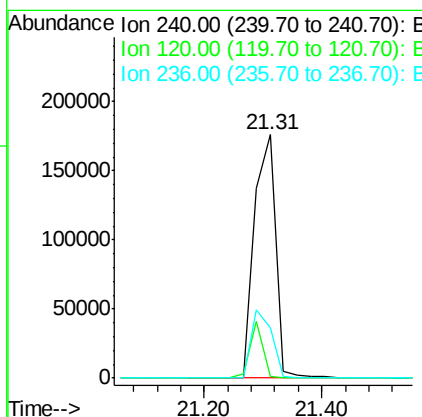
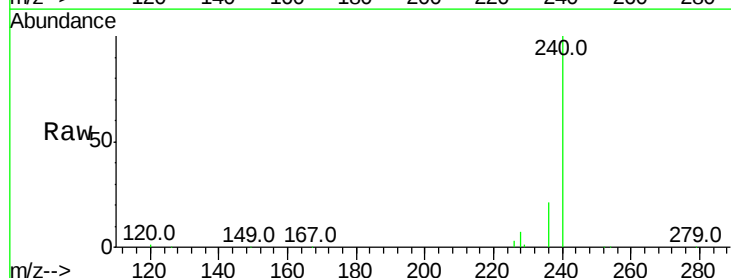
RT: 21.31 min Scan# 1248

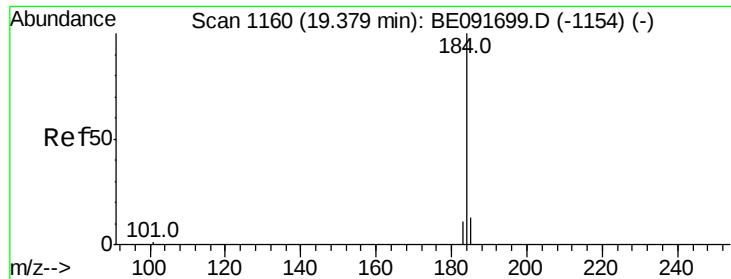
Delta R.T. 0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Tgt Ion:	240	Resp:	448048
Ion Ratio	Lower	Upper	
240	100		
120	0.8	11.0	16.4#
236	20.8	21.7	32.5#





#27

Benzidine

Concen: 1.23 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

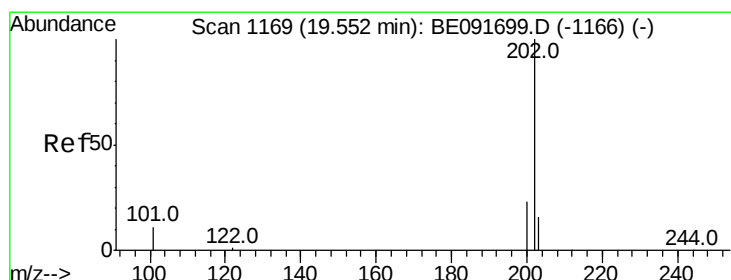
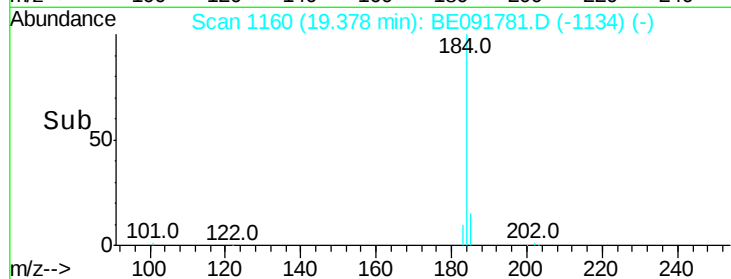
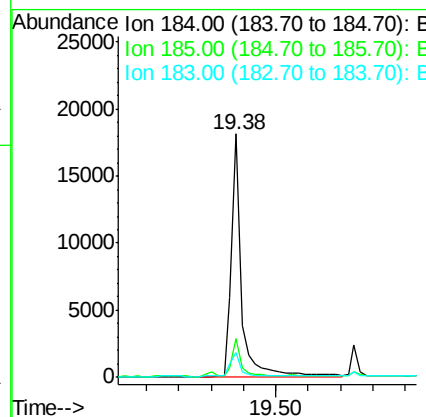
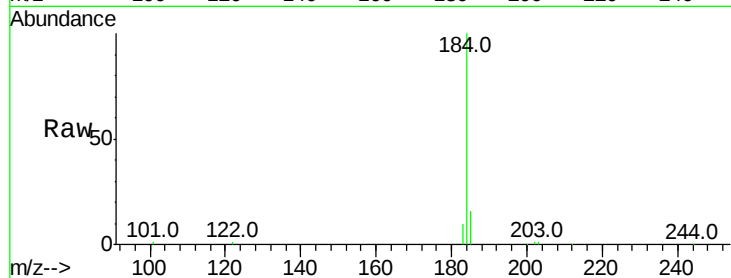
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	184	Resp:	39199
Ion Ratio	Lower	Upper	
184	100		
185	15.8	22.3	33.5#
183	9.9	16.4	24.6#

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#28

Pyrene

Concen: 2.84 ng

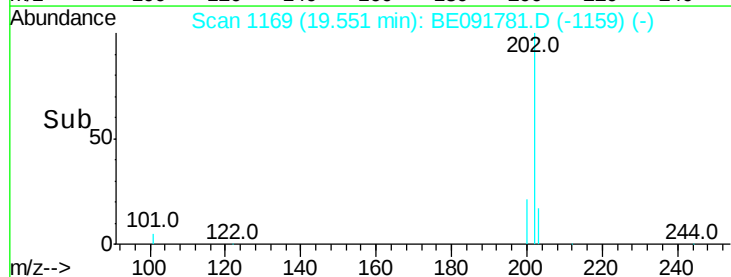
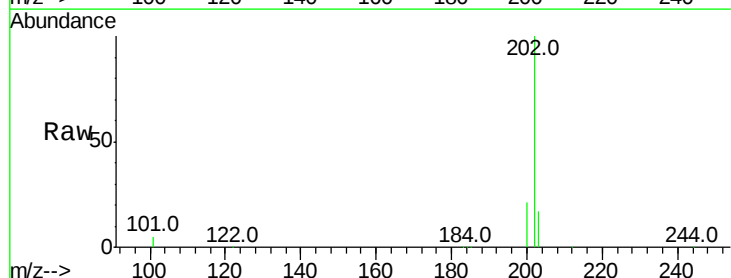
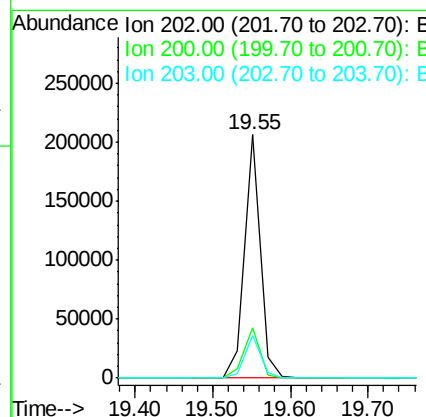
RT: 19.55 min Scan# 1169

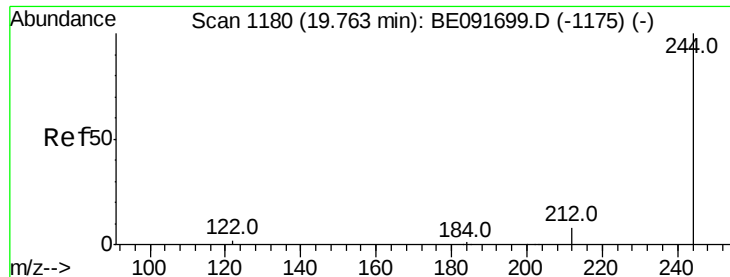
Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Tgt Ion:	202	Resp:	287887
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.8	25.2
203	18.1	14.0	21.0





#29

Terphenyl-d14

Concen: 2.62 ng

RT: 19.76 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:244 Resp: 182810

Ion Ratio Lower Upper

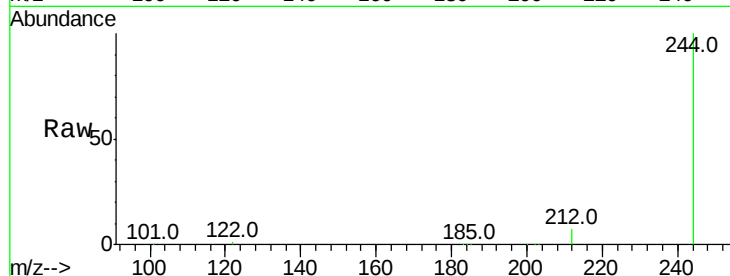
244 100

212 6.7 6.9 10.3#

122 0.8 11.0 16.4#

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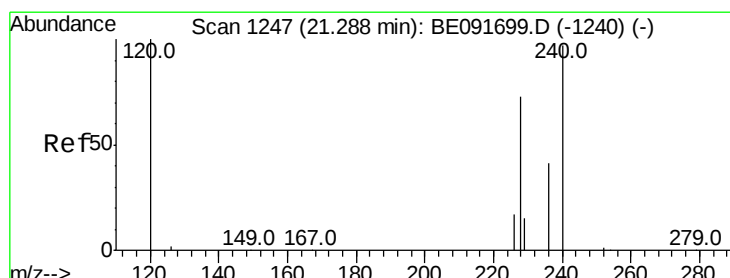
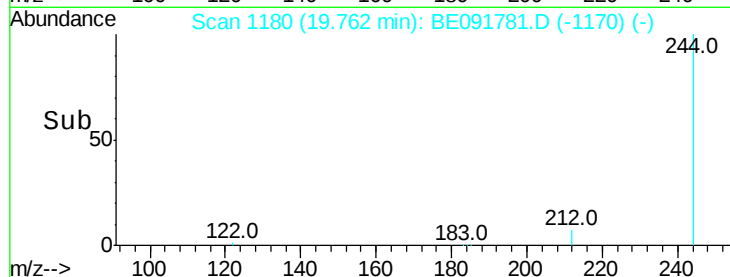
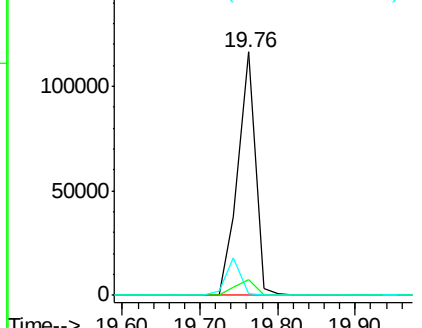
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 2.26 ng

RT: 21.29 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

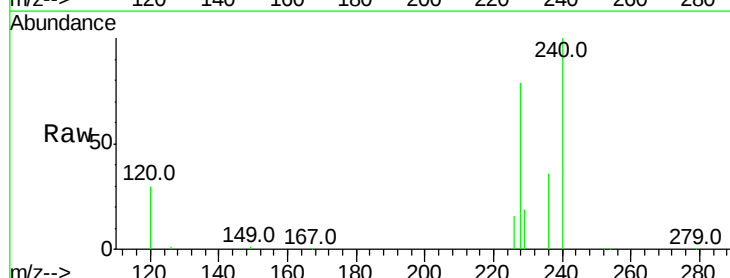
Tgt Ion:228 Resp: 247331

Ion Ratio Lower Upper

228 100

226 20.5 21.0 31.4#

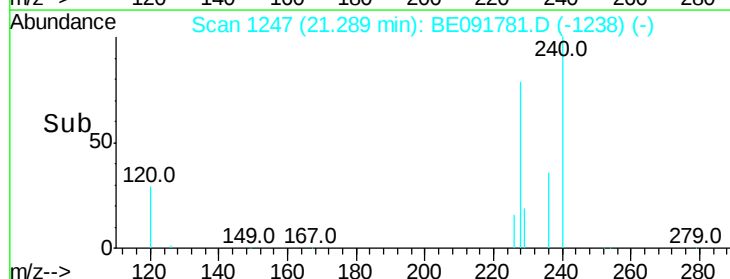
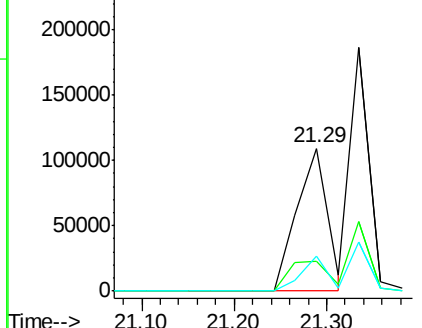
229 24.5 15.7 23.5#

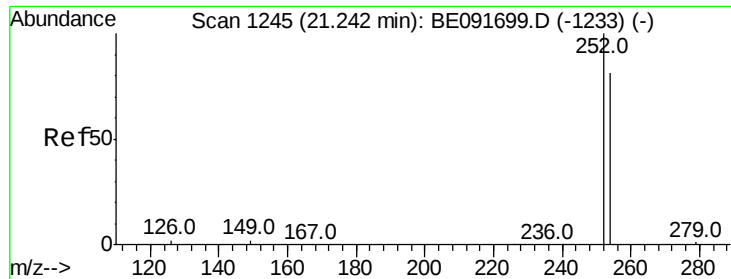


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





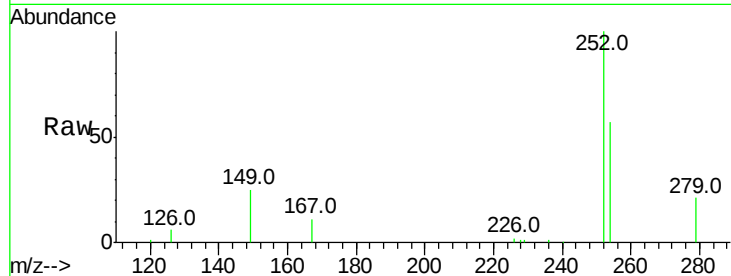
#31
 3,3'-Dichlorobenzidine
 Concen: 0.65 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091781.D
 Acq: 16 May 2016 19:42

Instrument :
 BNA_E
 ClientSampleId :
 WELDON-WC-SC-019MSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	57.0	51.1	76.7
126	5.7	12.6	18.8

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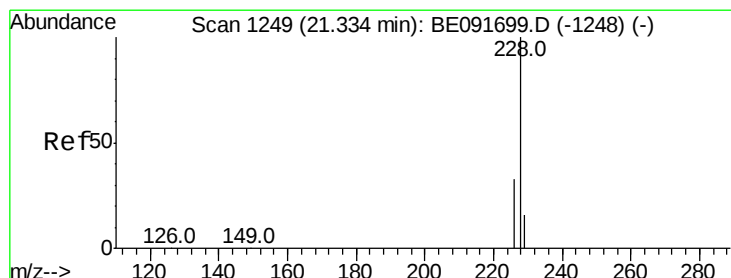
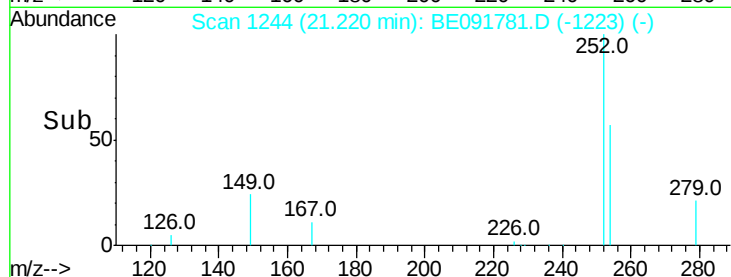
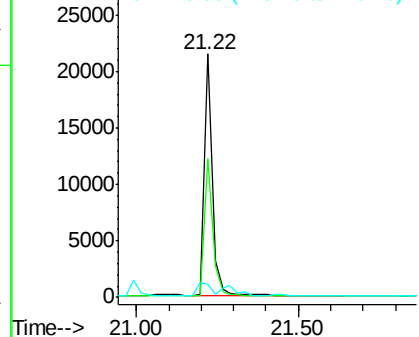


Abundance

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



#32
 Chrysene
 Concen: 2.42 ng m
 RT: 21.34 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BE091781.D
 Acq: 16 May 2016 19:42

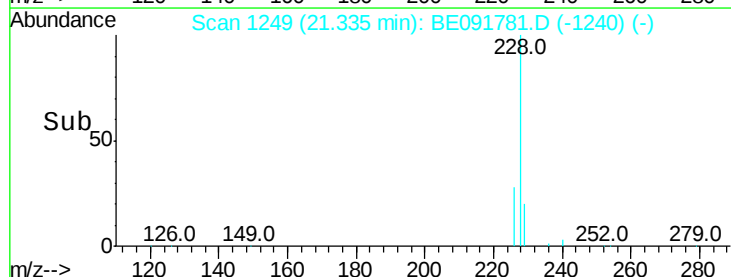
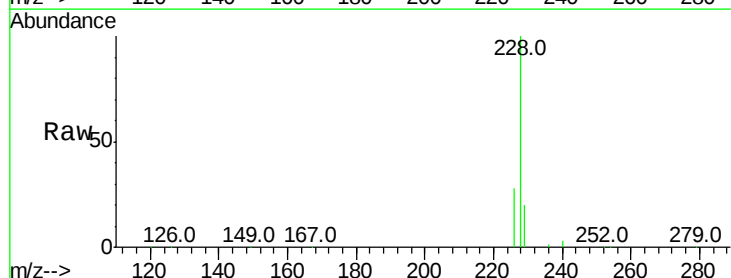
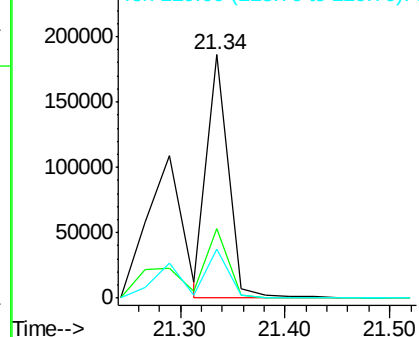
Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.3	24.0	36.0
229	20.3	15.9	23.9

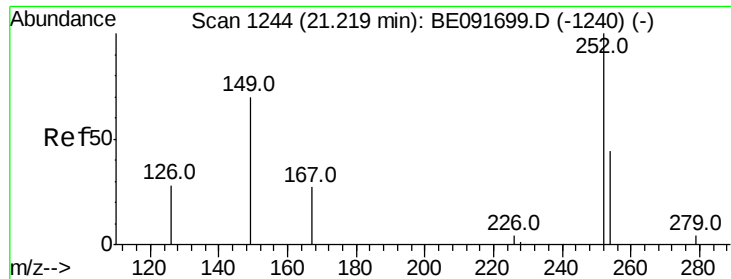
Abundance

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





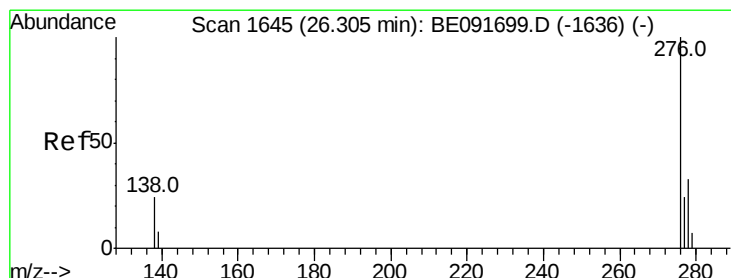
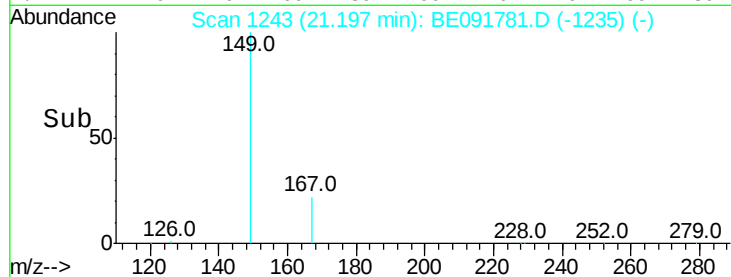
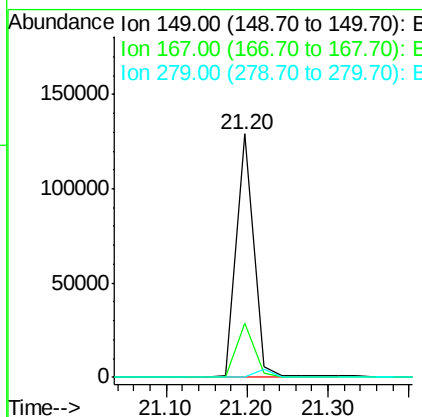
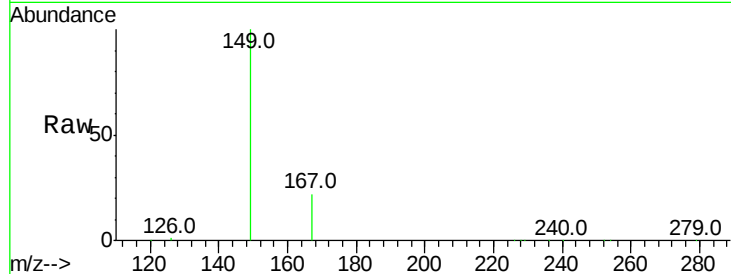
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 5.65 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091781.D
 Acq: 16 May 2016 19:42

Instrument :
 BNA_E
 ClientSampleId :
 WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100	187298		
167	22.9	19.5	29.3	
279	0.0	10.0	15.0	

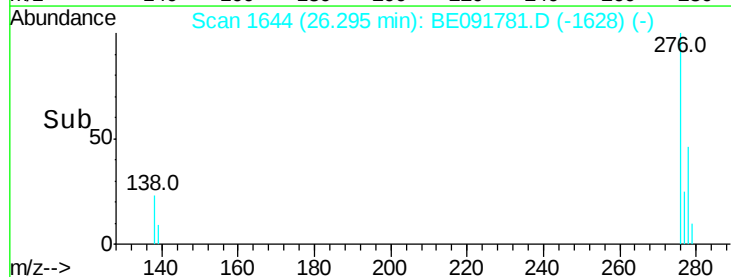
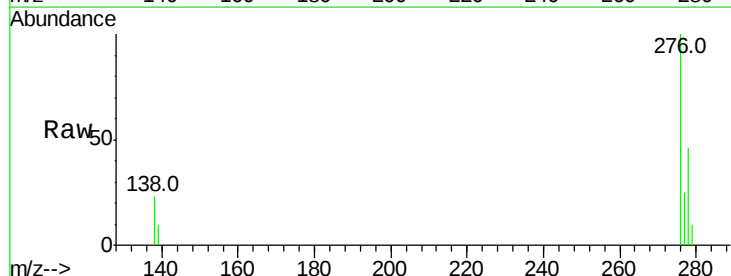
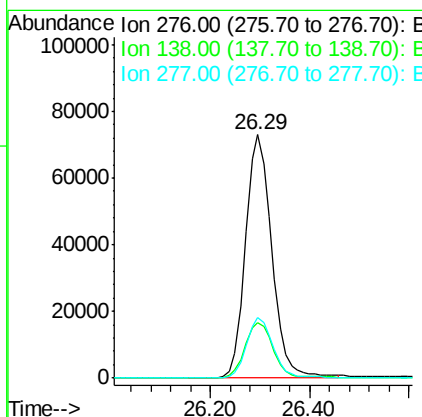
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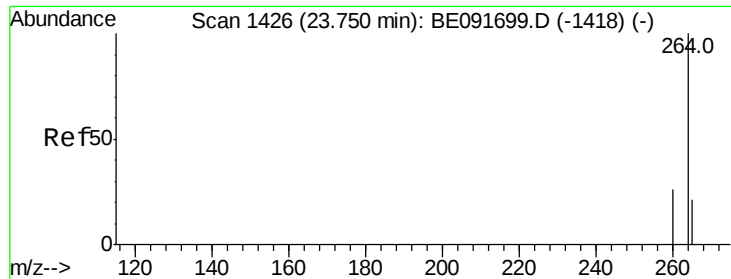
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#34
 Indeno(1,2,3-cd)pyrene
 Concen: 2.68 ng
 RT: 26.29 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE091781.D
 Acq: 16 May 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	271359		
138	24.2	23.4	35.2	
277	24.8	19.8	29.8	





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.74 min Scan# 1425

Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

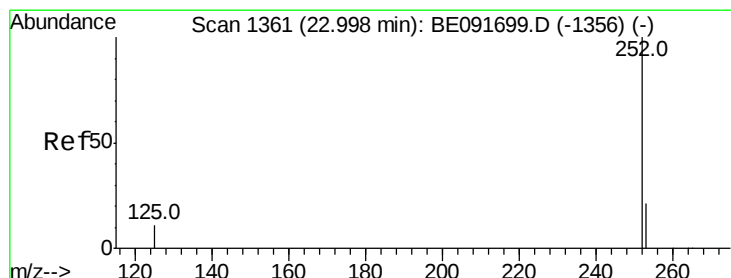
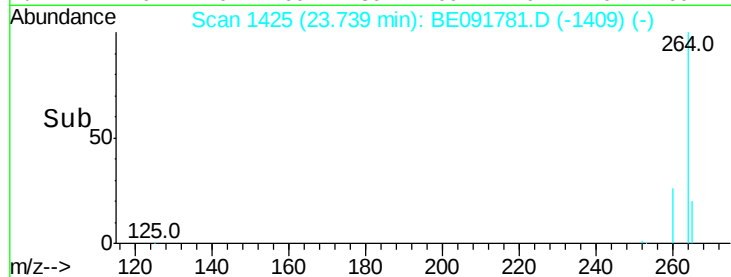
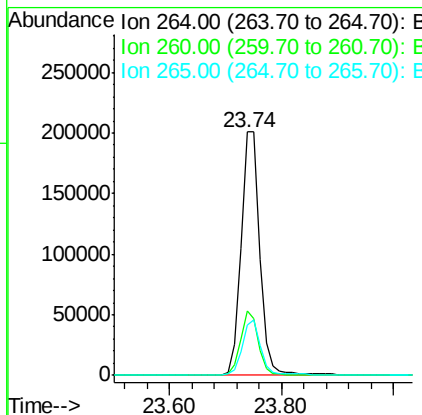
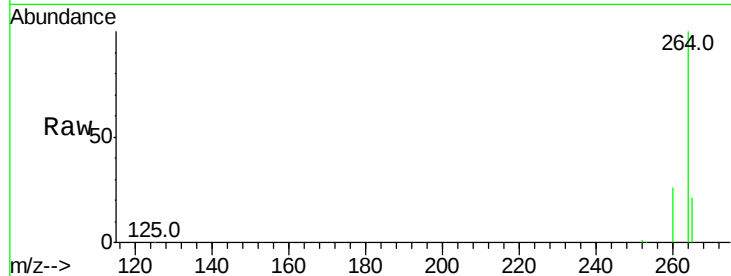
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	264	Resp:	472413
Ion Ratio	Lower	Upper	
264	100		
260	26.2	20.0	30.0
265	20.7	17.5	26.3

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#36

Benzo(b)fluoranthene

Concen: 2.26 ng m

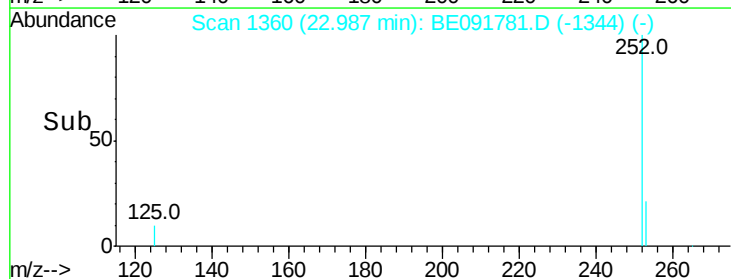
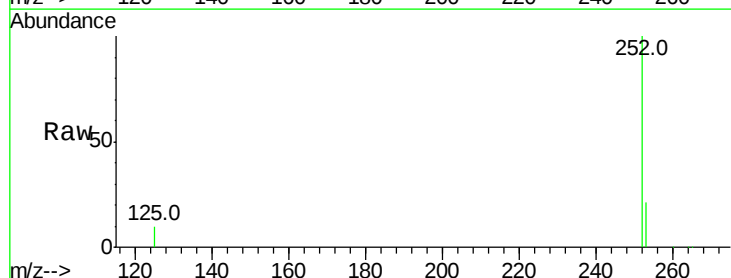
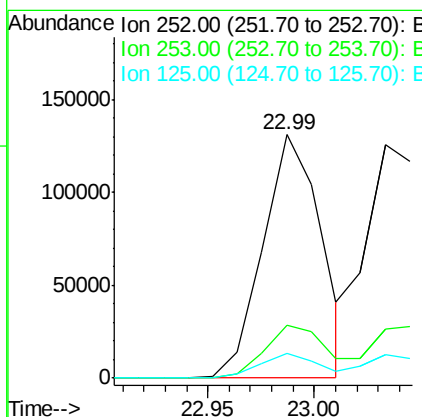
RT: 22.99 min Scan# 1360

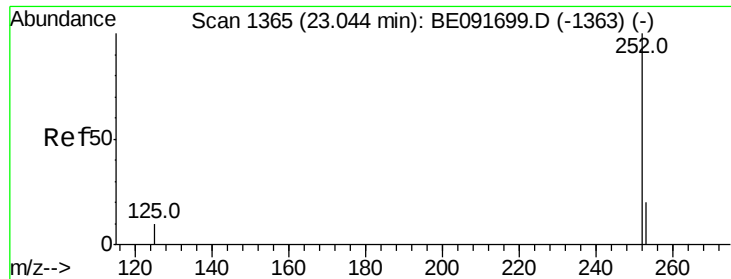
Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Tgt Ion:	252	Resp:	249659
Ion Ratio	Lower	Upper	
252	100		
253	21.5	17.4	26.0
125	10.1	10.2	15.2#





#37

Benzo(k)fluoranthene

Concen: 2.25 ng

RT: 23.03 min Scan# 1364

Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Instrument :

BNA_E

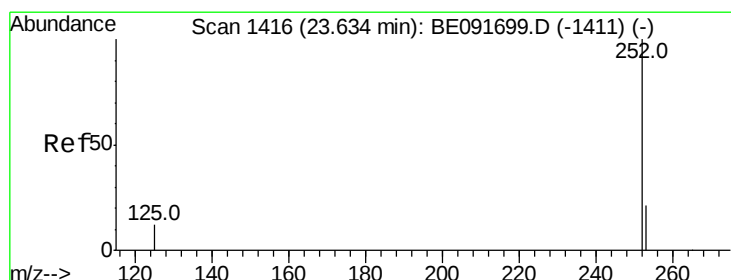
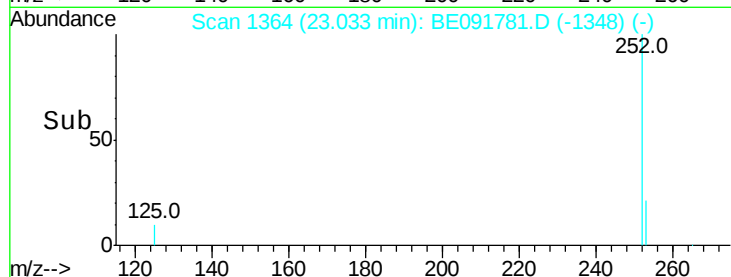
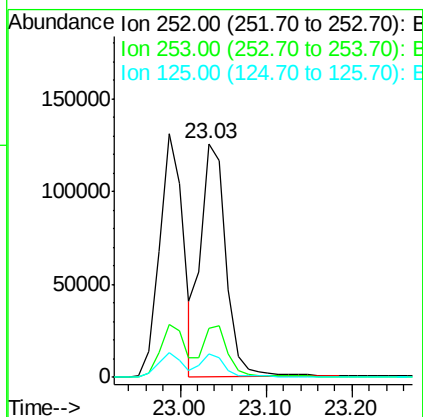
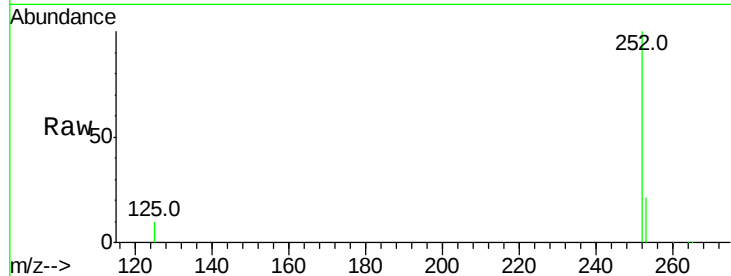
ClientSampleId :

WELDON-WC-SC-019MSD

Tot Ion:	252	Resp:	253619
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.6	26.4
125	10.2	9.9	14.9

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#38

Benzo(a)pyrene

Concen: 2.27 ng

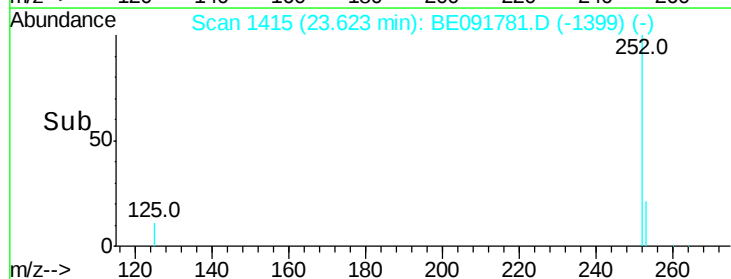
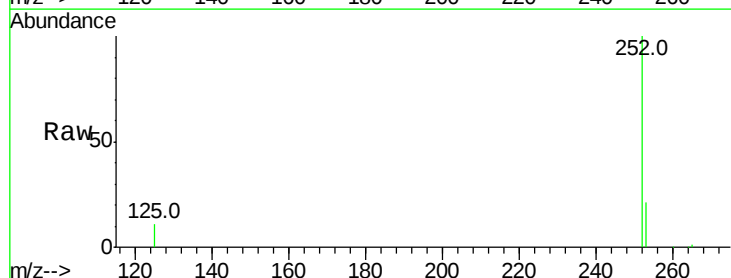
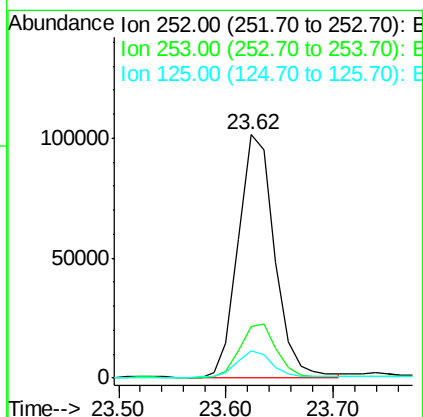
RT: 23.62 min Scan# 1415

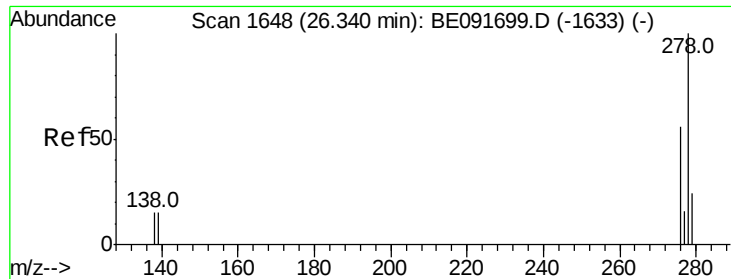
Delta R.T. -0.01 min

Lab File: BE091781.D

Acq: 16 May 2016 19:42

Tgt Ion:	252	Resp:	236861
Ion Ratio	Lower	Upper	
252	100		
253	21.4	18.1	27.1
125	11.3	11.0	16.4





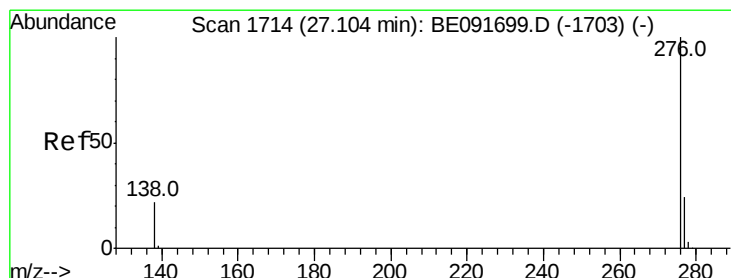
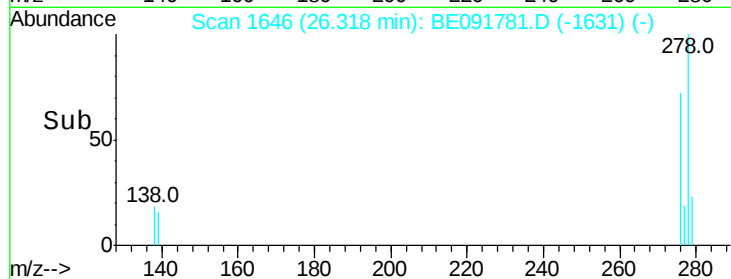
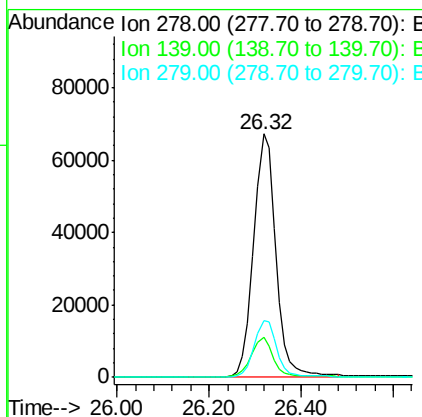
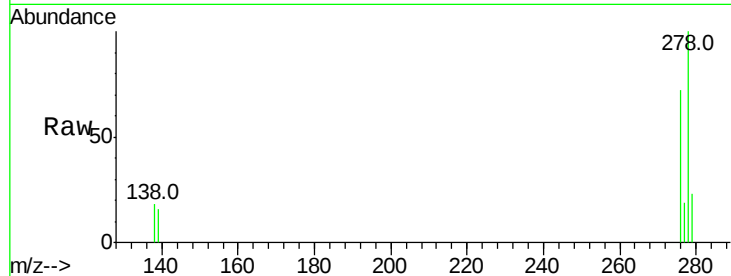
#39
Dibenzo(a,h)anthracene
Concen: 2.28 ng
RT: 26.32 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-019MSD

Tot Ion	Ratio	Resp	Lower	Upper
278	100	225545		
139	16.3	16.0	24.0	
279	23.3	19.4	29.2	

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#40
Benzo(g,h,i)perylene
Concen: 2.29 ng
RT: 27.08 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE091781.D
Acq: 16 May 2016 19:42

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	229965		
277	23.4	18.6	28.0	
138	21.1	20.4	30.6	

