

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
 Data File : BE091780.D
 Acq On : 16 May 2016 19:06
 Operator : UM/SJ
 Sample : H3026-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

umangi
 5/17/2016 7:17:28 PM

Quant Time: May 17 04:35:43 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	72670	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	367797	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	223187	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	524069	5.00	ng	0.00
26) Chrysene-d12	21.31	240	536501	5.00	ng	0.00
35) Perylene-d12	23.75	264	555319	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	77784	4.36	ng	0.00
5) Phenol-d6	6.95	99	131076	5.54	ng	0.00
8) Nitrobenzene-d5	8.95	82	59885	2.52	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	35635	4.36	ng	-0.01
15) 2-Fluorobiphenyl	13.03	172	161309	2.56	ng	0.00
29) Terphenyl-d14	19.76	244	231150	2.76	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	16736	1.92	ng	# 89
3) n-Nitrosodimethylamine	3.63	42	28815	2.18	ng	# 96
6) bis(2-Chloroethyl)ether	7.21	93	55648	2.67	ng	# 77
9) Nitrobenzene	8.98	77	65526	2.64	ng	92
10) Naphthalene	10.61	128	194014	2.61	ng	98
11) Hexachlorobutadiene	10.90	225	30524	2.78	ng	97
12) 2-Methylnaphthalene	12.22	142	139007	2.91	ng	98
16) Acenaphthylene	14.12	152	245370	2.86	ng	# 86
17) Acenaphthene	14.47	154	140766	2.53	ng	89
18) Fluorene	15.45	166	184421	2.67	ng	97
20) 4-Bromophenyl-phenylether	16.33	248	53486	2.84	ng	91
21) Hexachlorobenzene	16.45	284	52964m	2.81	ng	
22) Pentachlorophenol	16.79	266	37526	3.73	ng	# 89
23) Phenanthrene	17.18	178	320675	2.69	ng	99
24) Anthracene	17.28	178	309131	2.88	ng	98
25) Fluoranthene	19.19	202	382343	3.07	ng	# 96
27) Benzdine	19.38	184	46220	1.22	ng	# 77
28) Pyrene	19.55	202	404450	3.34	ng	99
30) Benzo(a)anthracene	21.29	228	344746	2.63	ng	# 91
31) 3,3'-Dichlorobenzidine	21.22	252	44471	0.67	ng	# 86
32) Chrysene	21.33	228	389869m	2.86	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	246292	6.20	ng	# 88
34) Indeno(1,2,3-cd)pyrene	26.29	276	382800	3.16	ng	95
36) Benzo(b)fluoranthene	22.99	252	343549	2.64	ng	# 97
37) Benzo(k)fluoranthene	23.04	252	367216m	2.78	ng	
38) Benzo(a)pyrene	23.63	252	336575	2.75	ng	# 97
39) Dibenzo(a,h)anthracene	26.32	278	317248	2.73	ng	# 95
40) Benzo(g,h,i)perylene	27.08	276	324785	2.75	ng	96

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

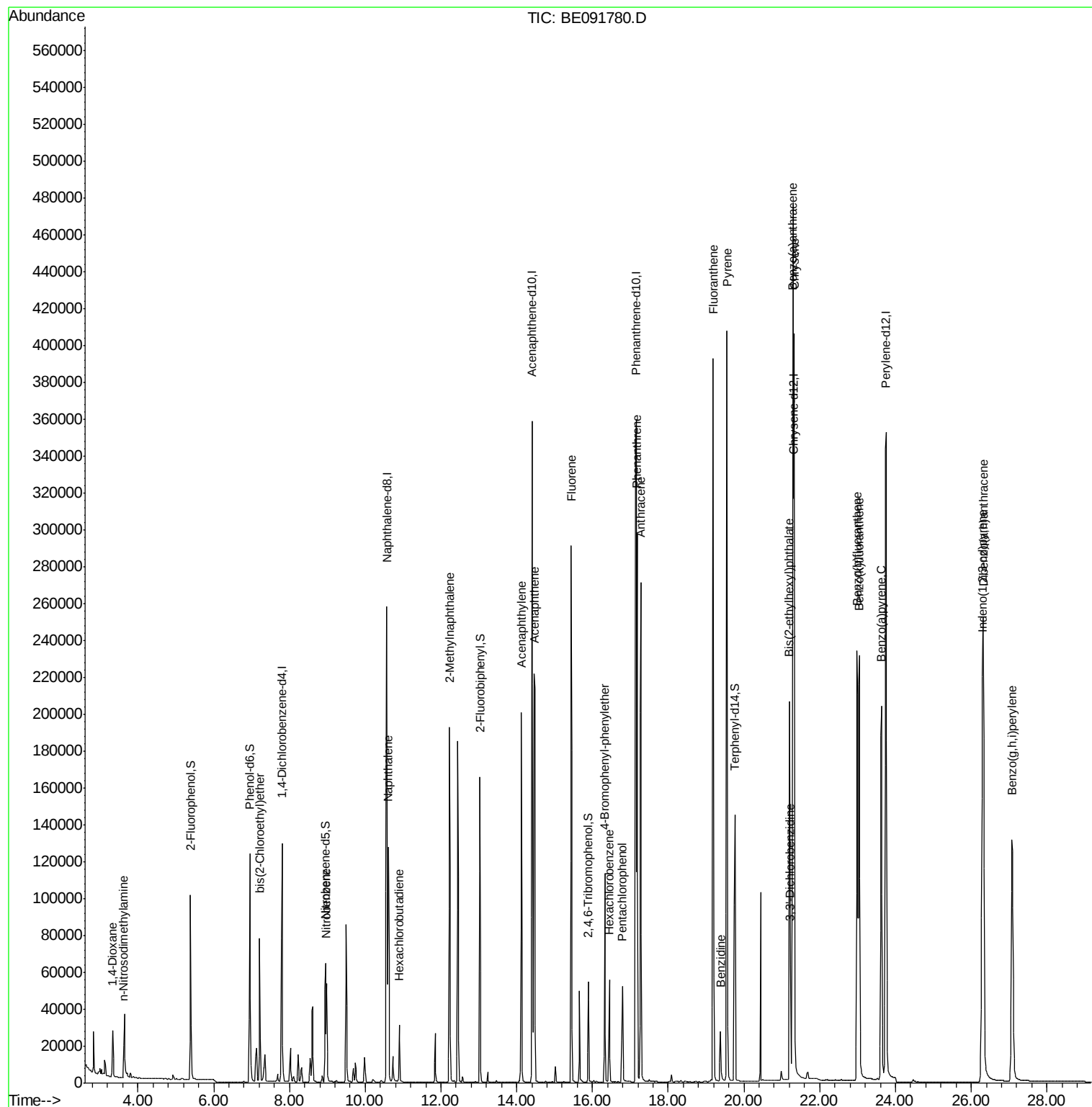
Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
Data File : BE091780.D
Acq On : 16 May 2016 19:06
Operator : UM/SJ
Sample : H3026-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM

Quant Time: May 17 04:35:43 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





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. -0.00 min

Lab File: BE091780.D

Acq: 16 May 2016 19:06

Instrument :

BNA_E

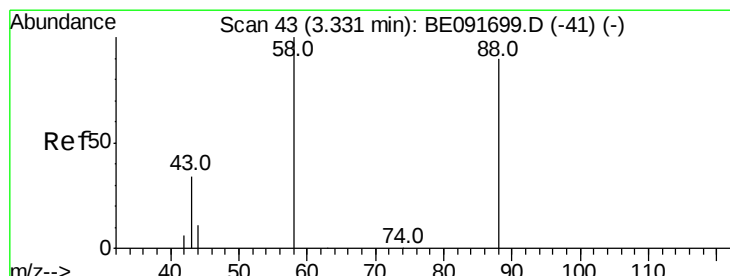
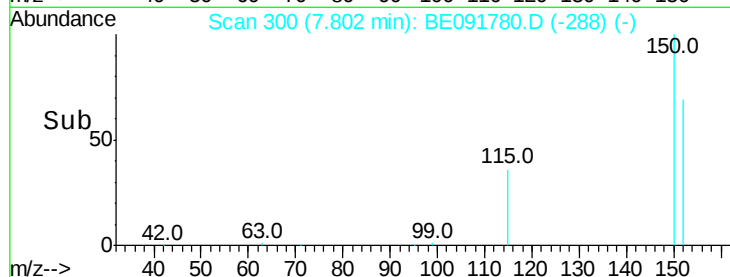
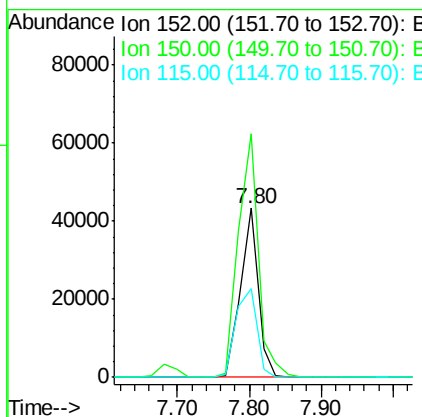
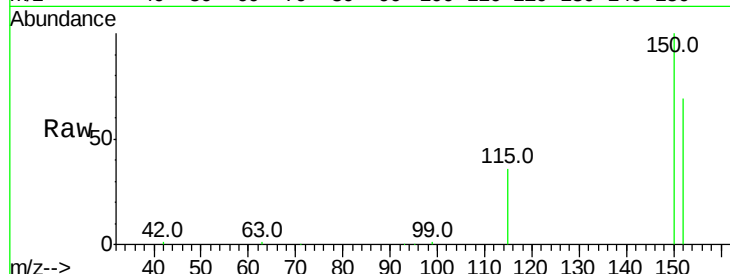
ClientSampleId :

WELDON-WC-SC-019MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	144.2	122.6	183.8
115	52.2	52.8	79.2

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM



#2

1,4-Dioxane

Concen: 1.92 ng

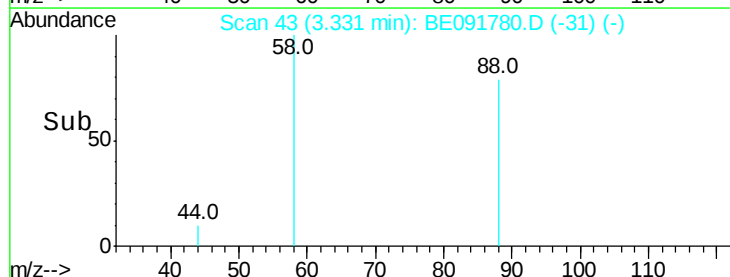
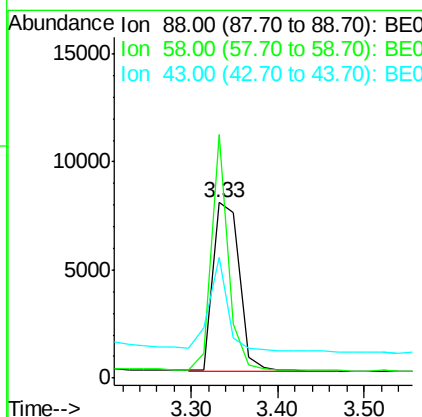
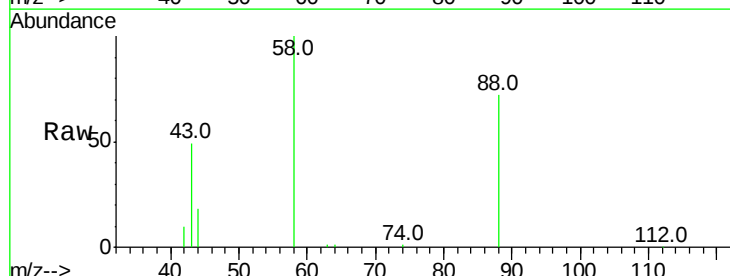
RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091780.D

Acq: 16 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.7	65.8	98.6
43	42.9	25.3	37.9





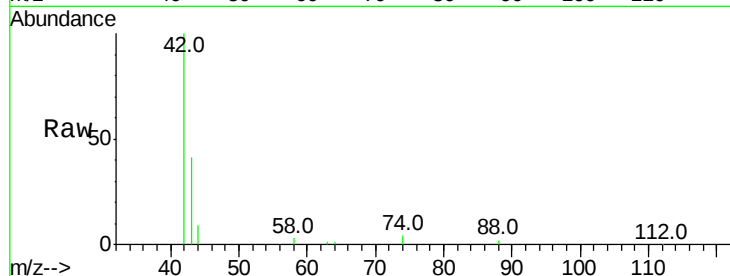
#3
n-Nitrosodimethylamine
Concen: 2.18 ng
RT: 3.63 min Scan# 60
Delta R.T. 0.00 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

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

Tot Ion	Ratio	Lower	Upper
42	100		
74	105.5	87.9	131.9
44	6.2	6.6	9.8#

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM

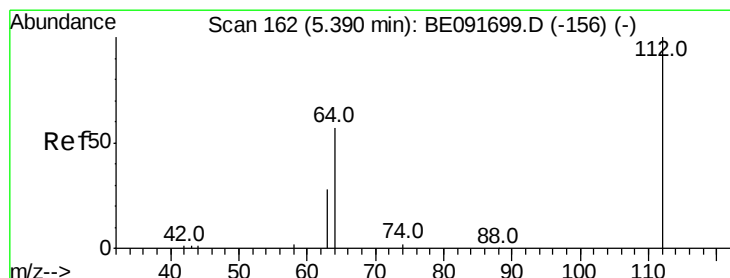
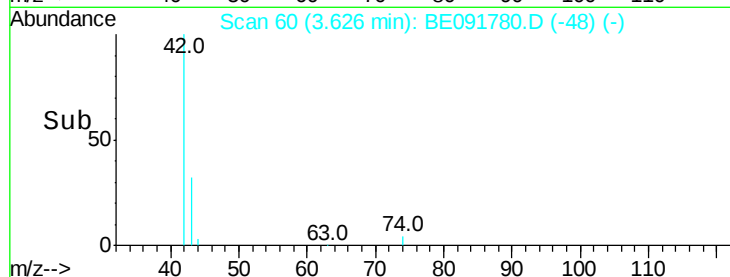
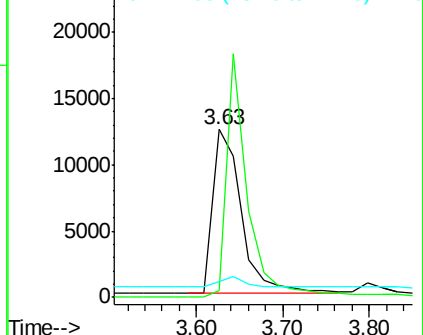


Abundance

Ion 42.00 (41.70 to 42.70): BE0

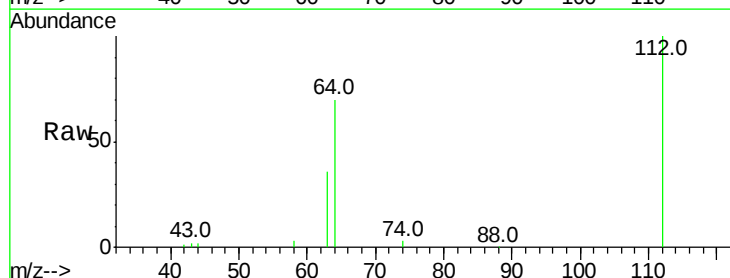
Ion 74.00 (73.70 to 74.70): BE0

Ion 44.00 (43.70 to 44.70): BE0



#4
2-Fluorophenol
Concen: 4.36 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.1	30.9	46.3#
63	35.5	16.7	25.1#

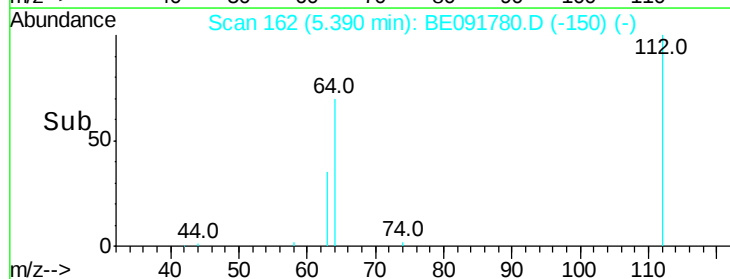
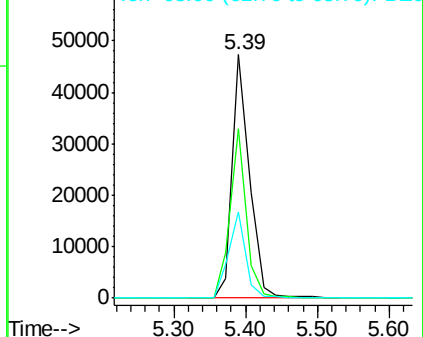


Abundance

Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 5.54 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091780.D

Acq: 16 May 2016 19:06

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MS

Tot Ion: 99 Resp: 131076

Ion Ratio Lower Upper

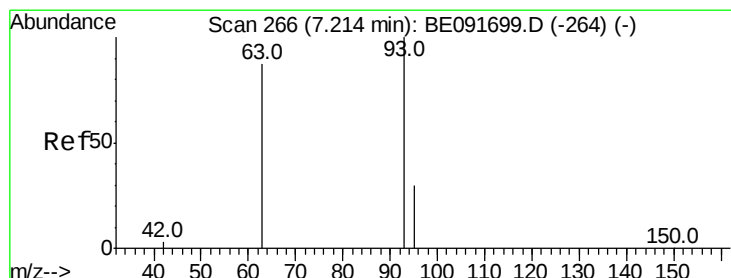
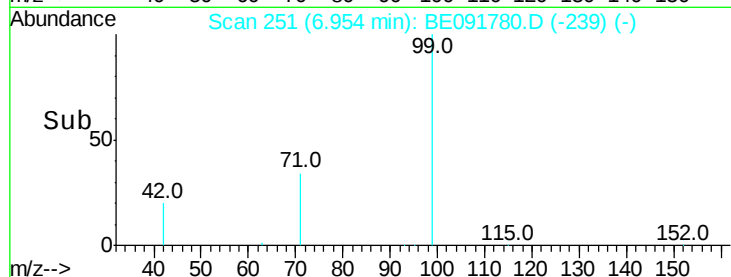
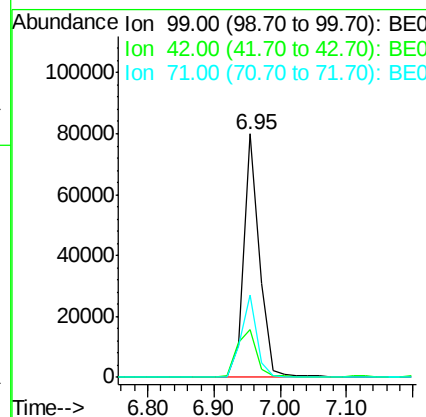
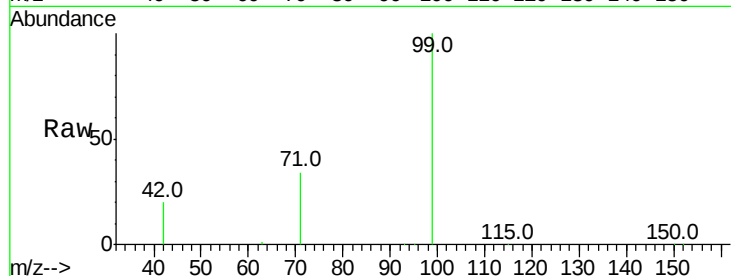
99 100

42 24.5 16.2 24.2#

71 34.6 29.0 43.4

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM



#6

bis(2-Chloroethyl)ether

Concen: 2.67 ng

RT: 7.21 min Scan# 266

Delta R.T. -0.00 min

Lab File: BE091780.D

Acq: 16 May 2016 19:06

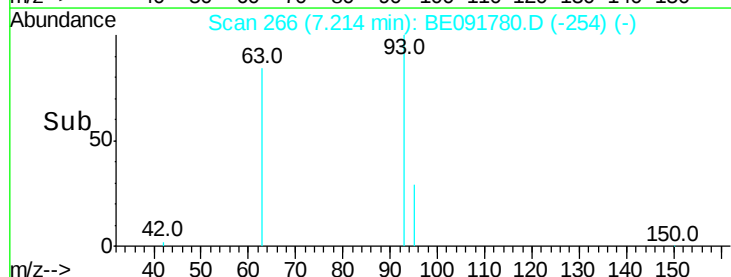
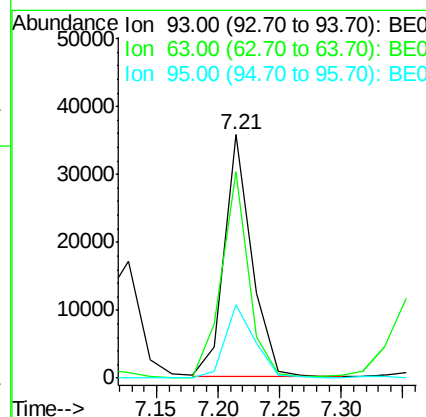
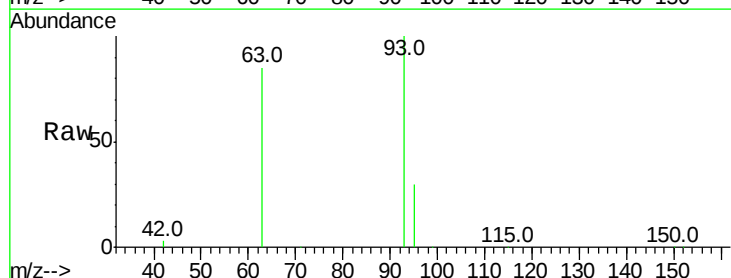
Tgt Ion: 93 Resp: 55648

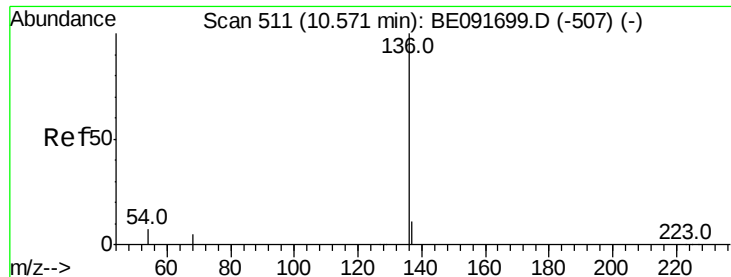
Ion Ratio Lower Upper

93 100

63 84.0 49.5 74.3#

95 32.4 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: BE091780.D

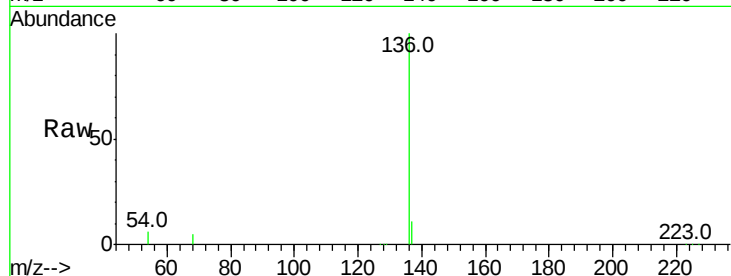
Acq: 16 May 2016 19:06

Instrument :

BNA_E

ClientSampleId :

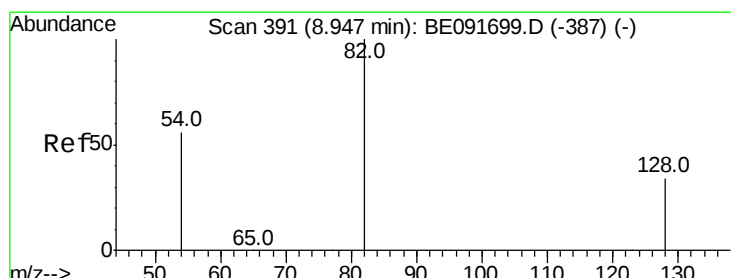
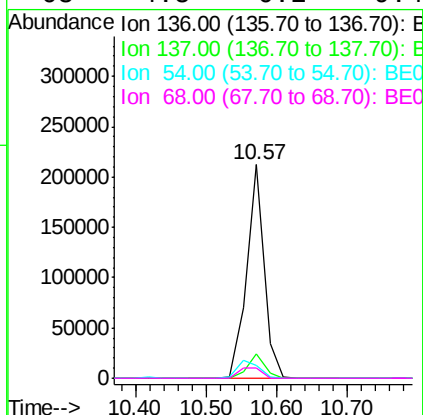
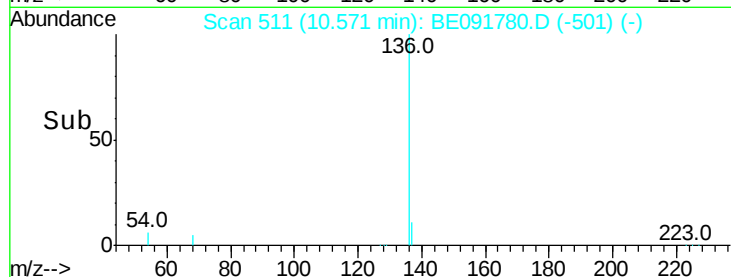
WELDON-WC-SC-019MS



Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	5.7	8.2	12.4	
68	4.5	6.2	9.4	

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM



#8

Nitrobenzene-d5

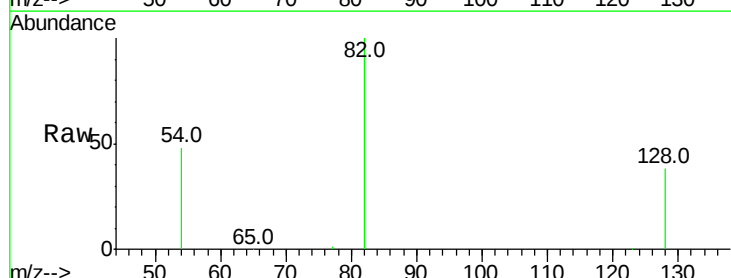
Concen: 2.52 ng

RT: 8.95 min Scan# 391

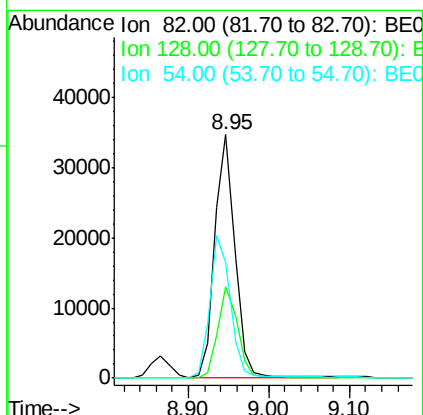
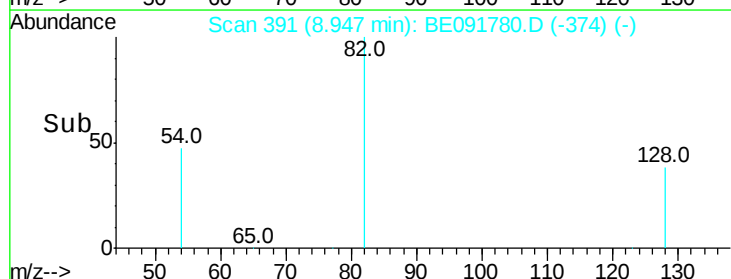
Delta R.T. 0.00 min

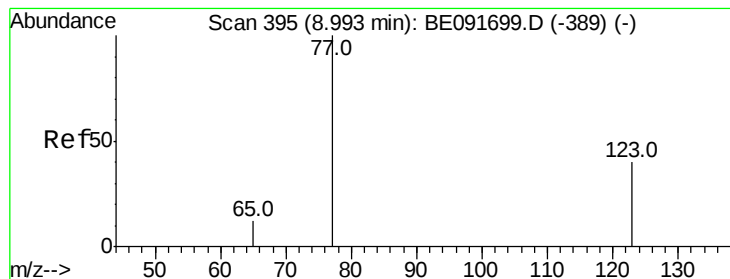
Lab File: BE091780.D

Acq: 16 May 2016 19:06



Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.7	25.4	38.0	
54	47.5	48.4	72.6	





#9

Nitrobenzene

Concen: 2.64 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091780.D

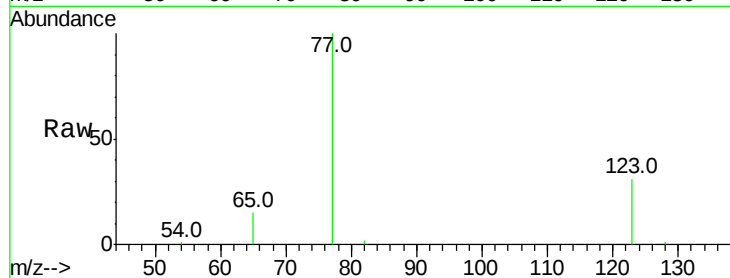
Acq: 16 May 2016 19:06

Instrument :

BNA_E

ClientSampleId :

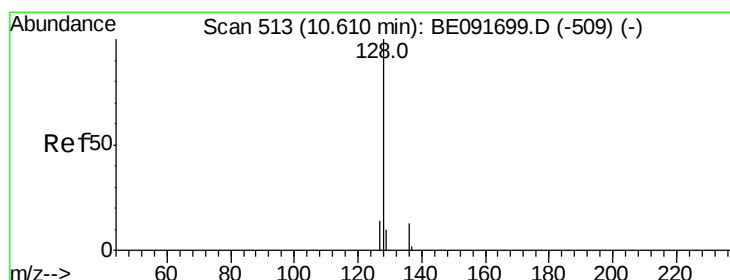
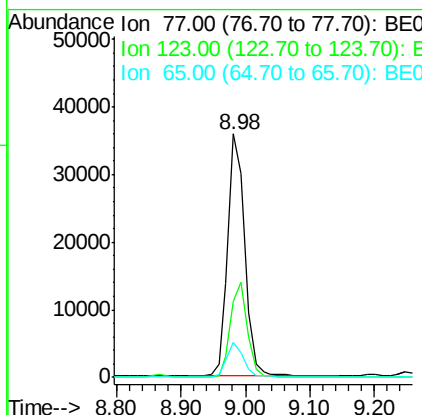
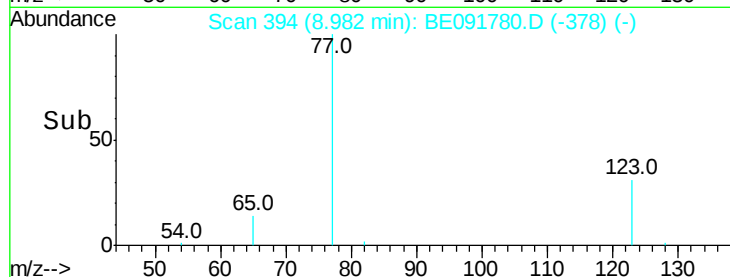
WELDON-WC-SC-019MS



Tot Ion:	77	Resp:	65526
Ion	Ratio	Lower	Upper
77	100		
123	38.4	26.9	40.3
65	14.0	9.4	14.2

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM



#10

Naphthalene

Concen: 2.61 ng

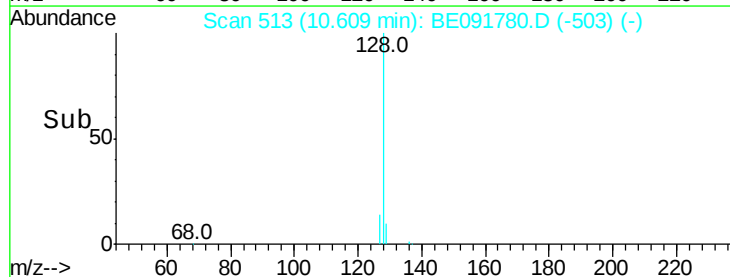
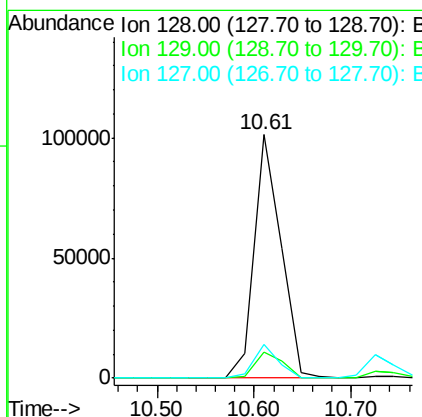
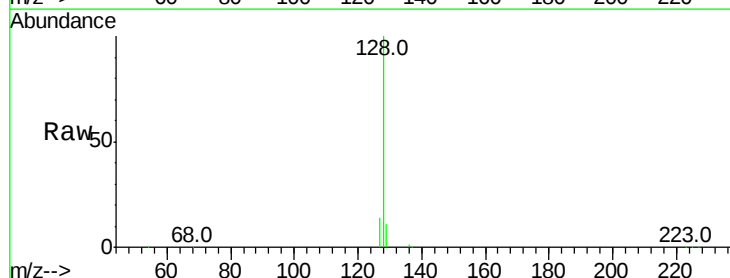
RT: 10.61 min Scan# 513

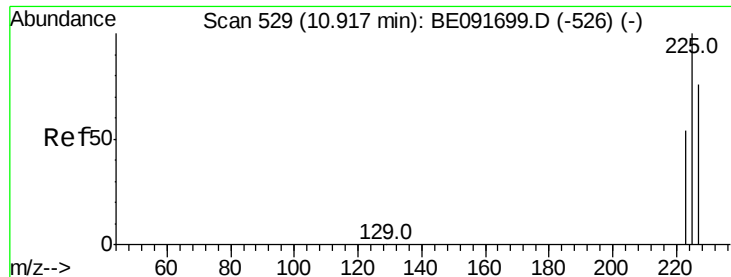
Delta R.T. -0.00 min

Lab File: BE091780.D

Acq: 16 May 2016 19:06

Tgt Ion:	128	Resp:	194014
Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.3	13.9
127	14.0	10.7	16.1





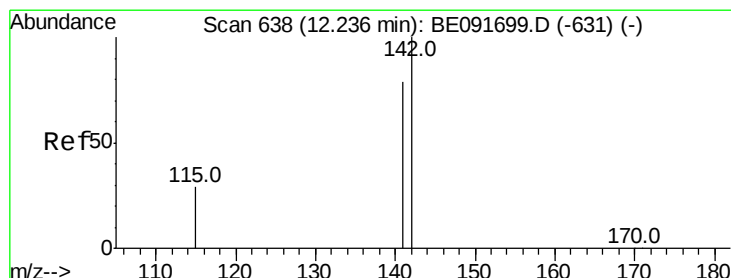
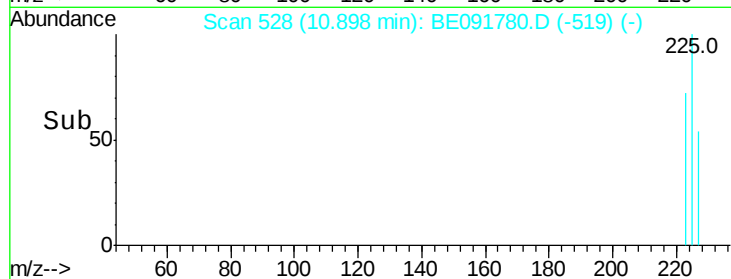
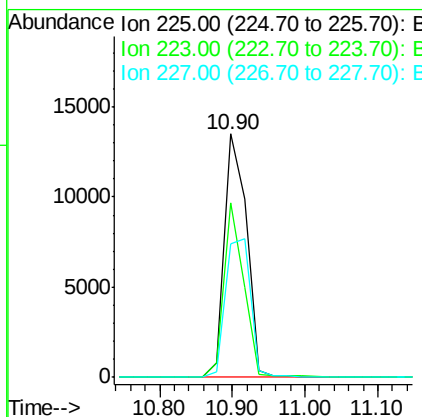
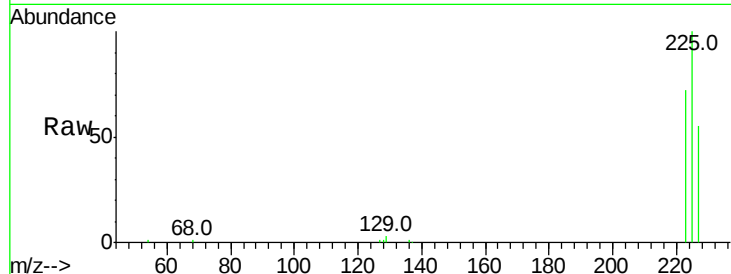
#11
Hexachlorobutadiene
Concen: 2.78 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

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

Tot Ion	Ratio	Lower	Upper
225	100		
223	64.0	49.0	73.6
227	64.4	50.3	75.5

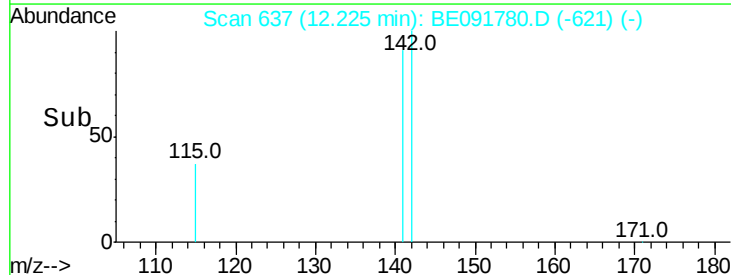
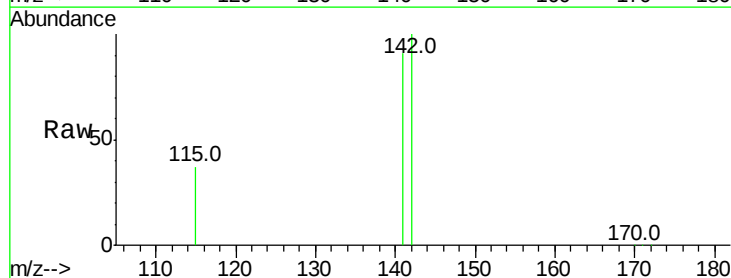
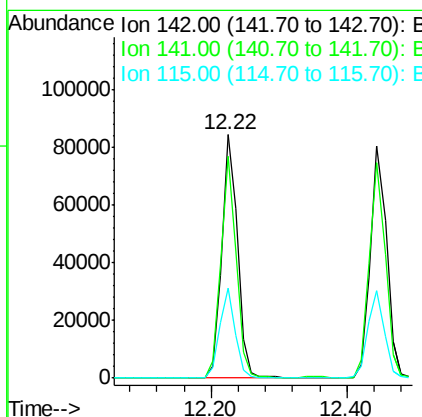
Manual Integrations
APPROVED

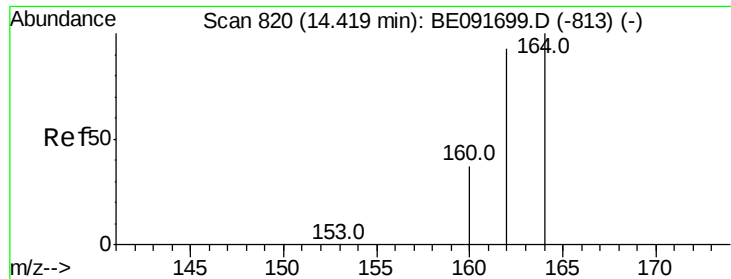
umangi
5/17/2016 7:17:28 PM



#12
2-Methylnaphthalene
Concen: 2.91 ng
RT: 12.22 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	71.4	107.0
115	37.2	30.3	45.5





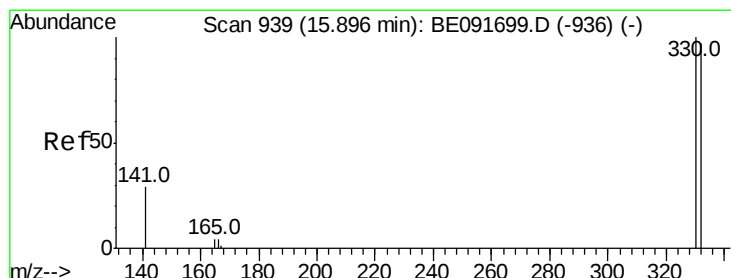
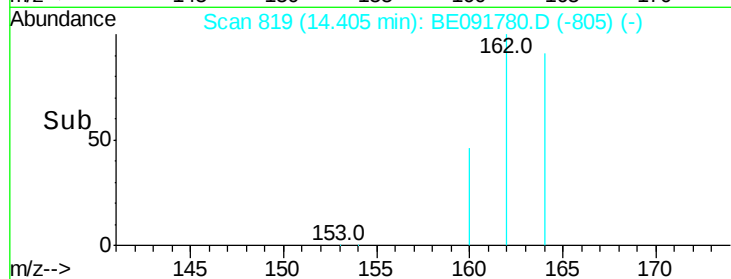
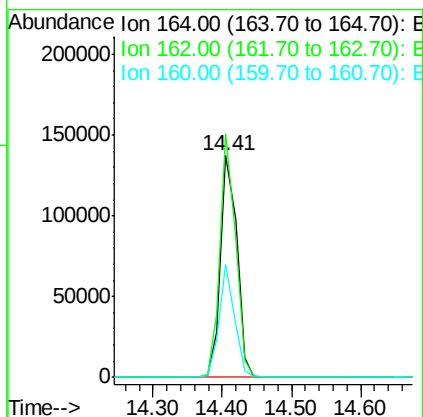
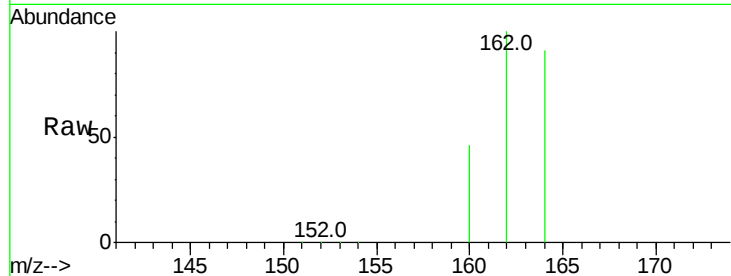
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

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

Tot Ion	Ratio	Lower	Upper
164	100		
162	110.0	85.3	127.9
160	51.1	46.2	69.2

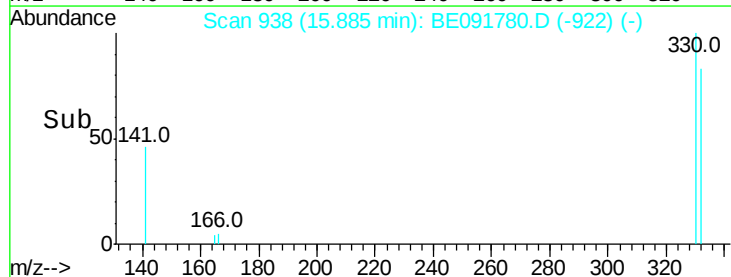
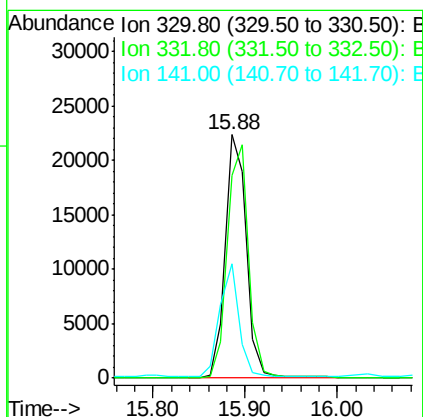
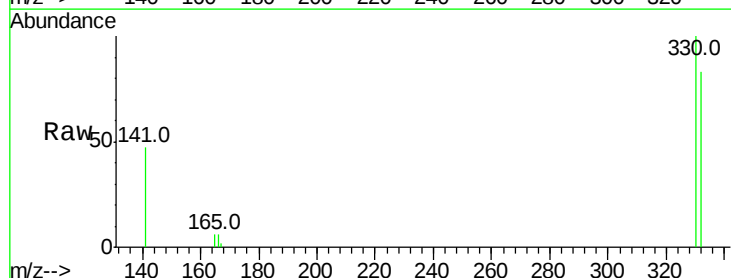
Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM



#14
2,4,6-Tribromophenol
Concen: 4.36 ng
RT: 15.88 min Scan# 938
Delta R.T. -0.01 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	79.1	118.7
141	42.4	125.4	188.0





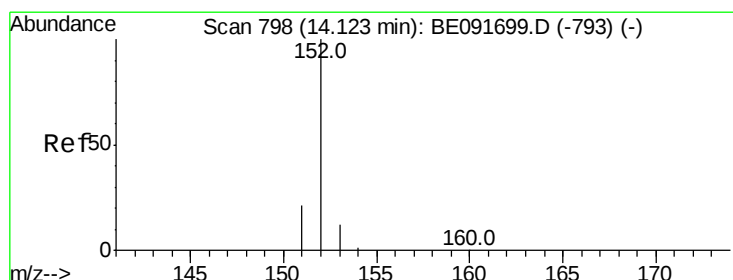
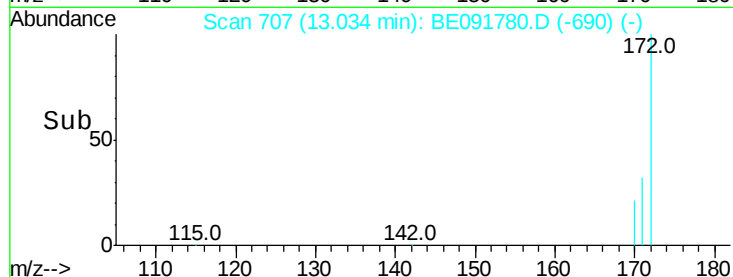
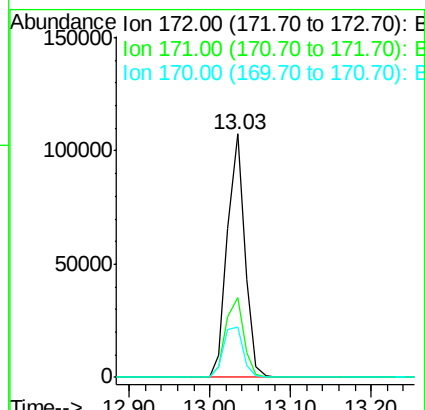
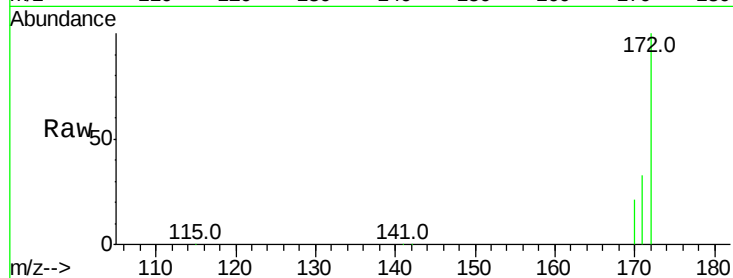
#15
2-Fluorobiphenyl
Concen: 2.56 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

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

Tot Ion	Ratio	Resp	Lower	Upper
172	100	161309		
171	32.7	28.8	43.2	
170	20.8	19.3	28.9	

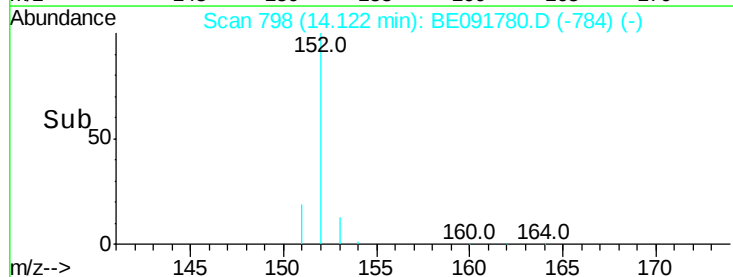
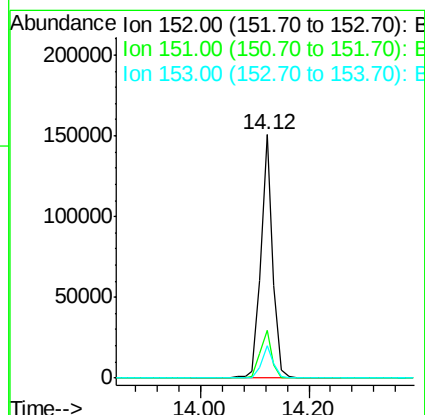
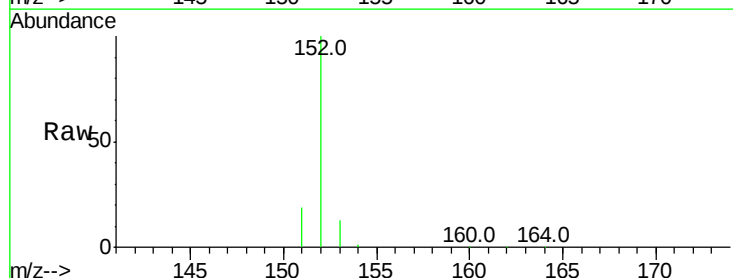
Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM



#16
Acenaphthylene
Concen: 2.86 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	245370		
151	19.9	3.9	5.9#	
153	13.5	10.3	15.5	





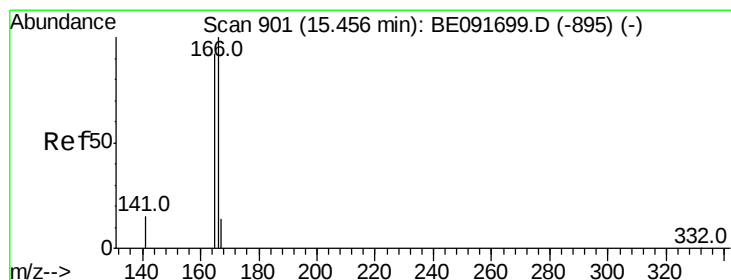
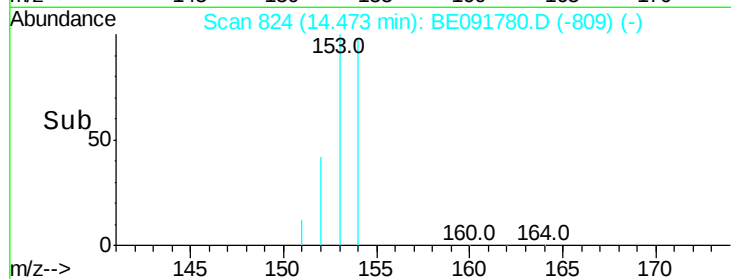
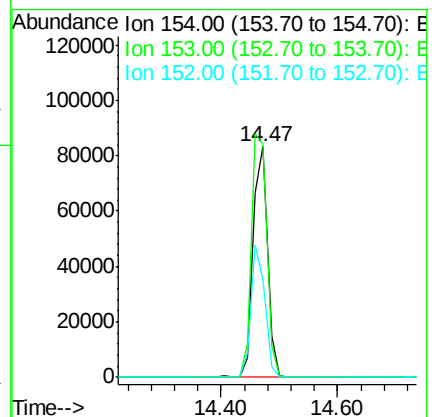
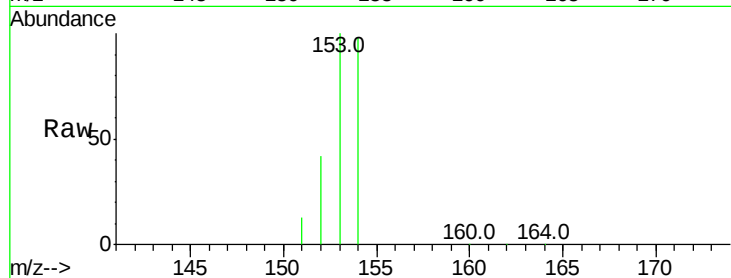
#17
Acenaphthene
Concen: 2.53 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	113.0	80.0	120.0
152	55.1	40.0	60.0

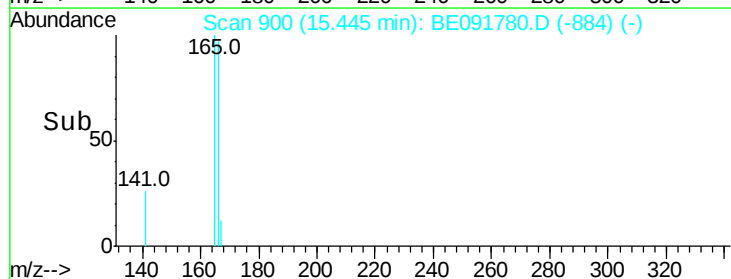
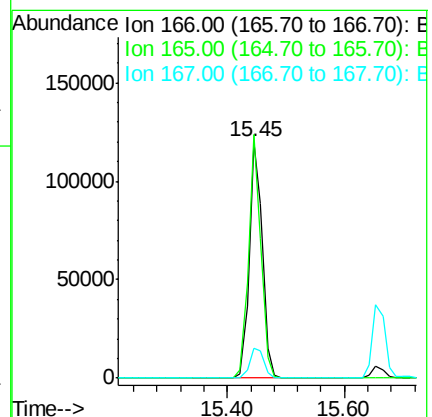
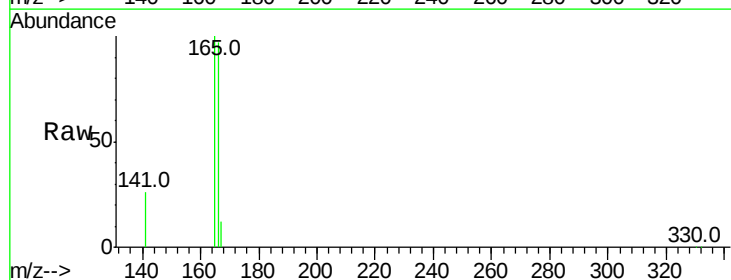
Manual Integrations
APPROVED

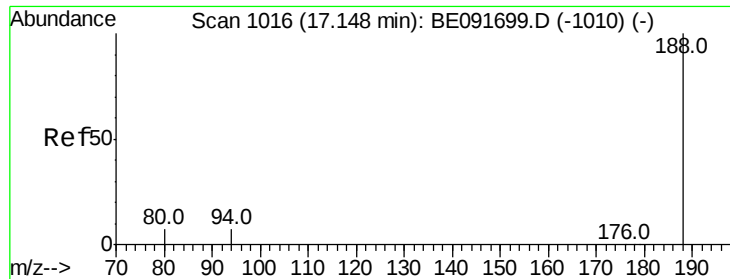
umangi
5/17/2016 7:17:28 PM



#18
Fluorene
Concen: 2.67 ng
RT: 15.45 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.8	80.8	121.2
167	13.7	10.9	16.3





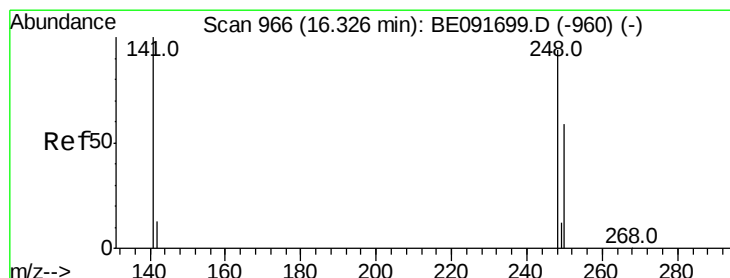
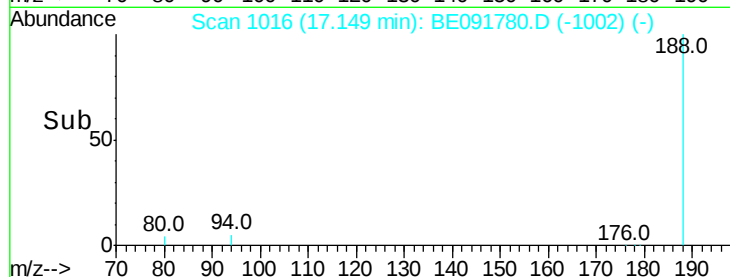
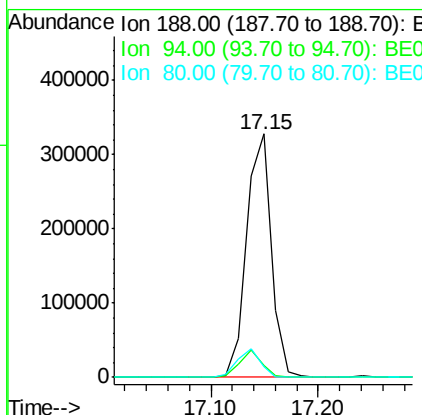
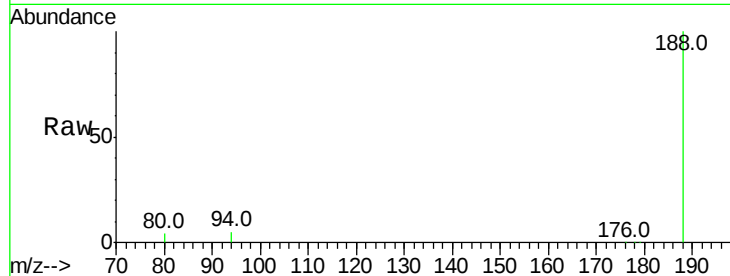
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

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

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	5.1	8.7	13.1	
80	4.2	9.4	14.0	

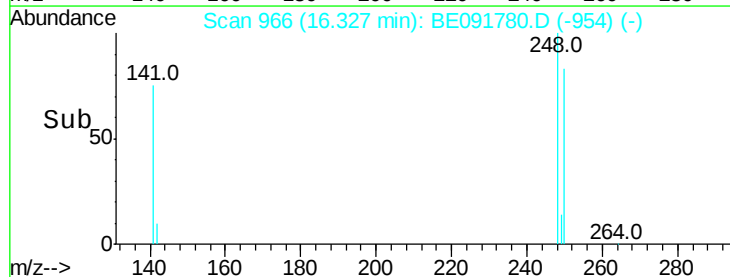
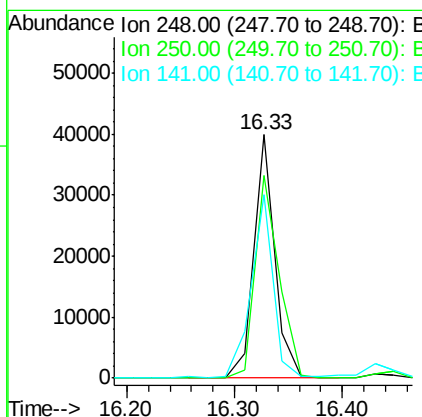
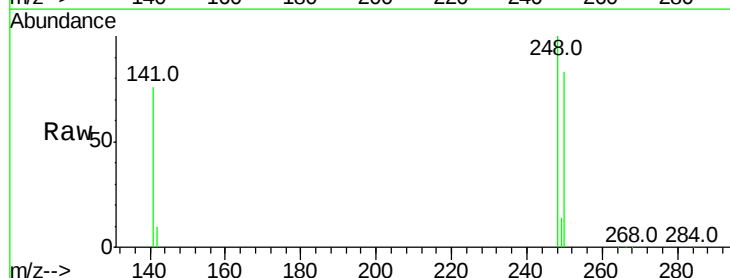
Manual Integrations
APPROVED

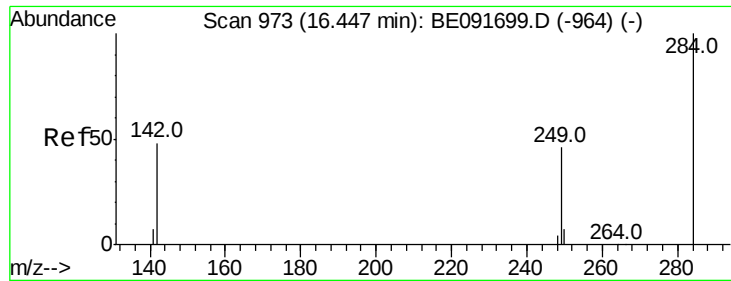
umangi
5/17/2016 7:17:28 PM



#20
4-Bromophenyl-phenylether
Concen: 2.84 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.3	80.5	120.7	
141	78.6	72.0	108.0	





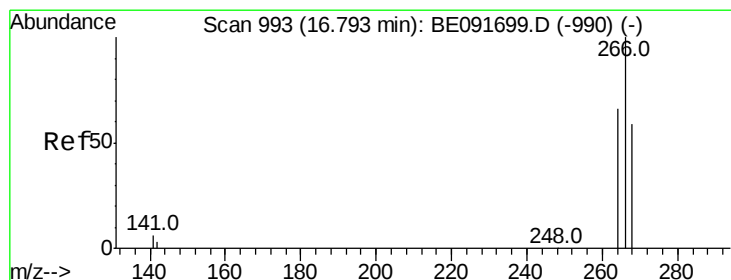
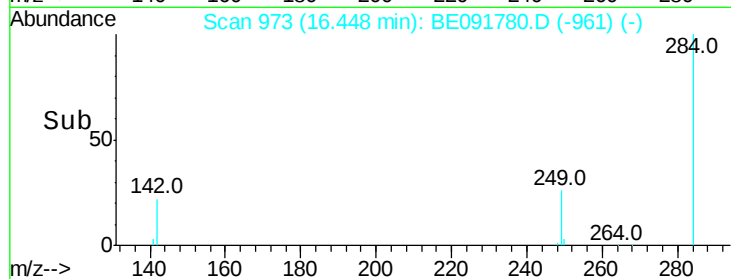
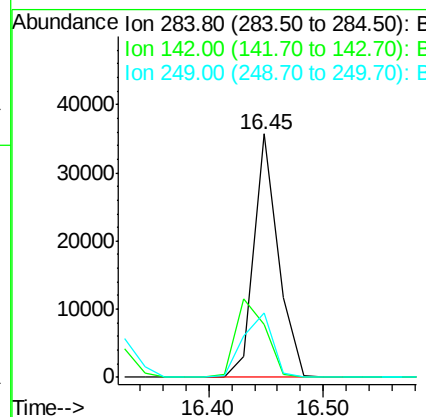
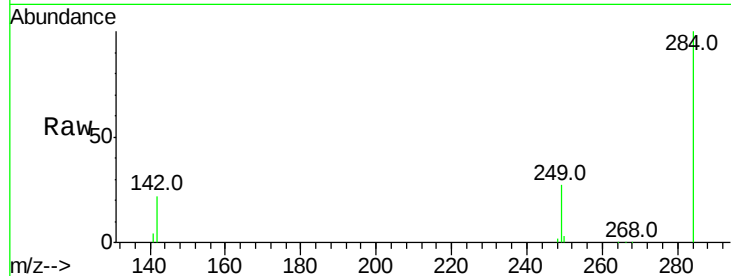
#21
Hexachlorobenzene
Concen: 2.81 ng/ml
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

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

Tot Ion	Ratio	Lower	Upper
284	100		
142	38.8	32.2	48.2
249	31.4	25.4	38.2

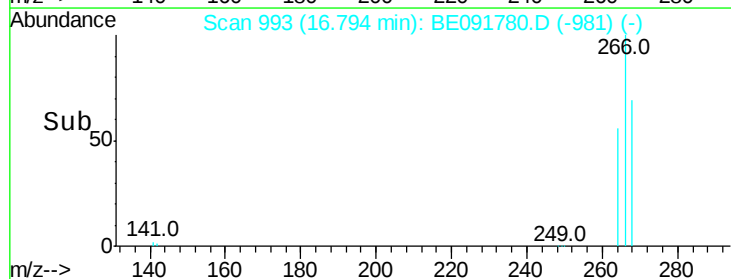
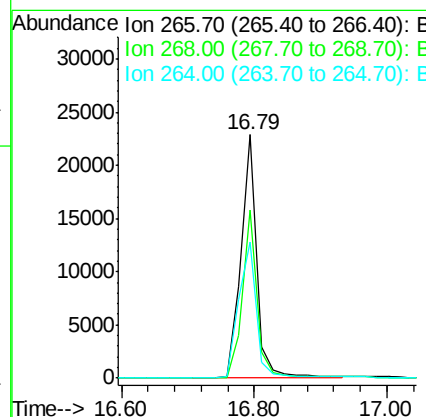
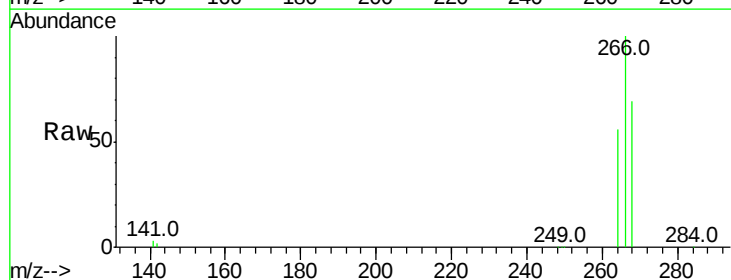
Manual Integrations
APPROVED

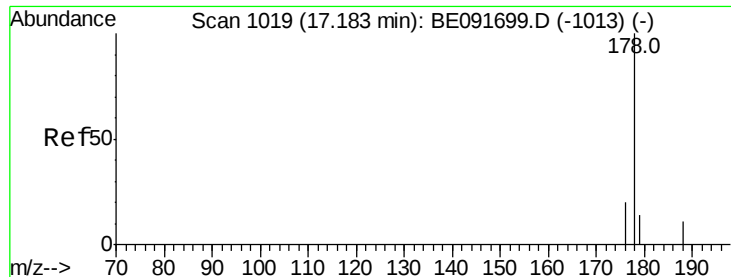
umangi
5/17/2016 7:17:28 PM



#22
Pentachlorophenol
Concen: 3.73 ng/ml
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
266	100		
268	69.1	58.2	87.2
264	55.9	56.2	84.4





#23

Phenanthrene

Concen: 2.69 ng

RT: 17.18 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BE091780.D

Acq: 16 May 2016 19:06

Instrument :

BNA_E

ClientSampleId :

WELDON-WC-SC-019MS

Tot Ion:178 Resp: 320675

Ion Ratio Lower Upper

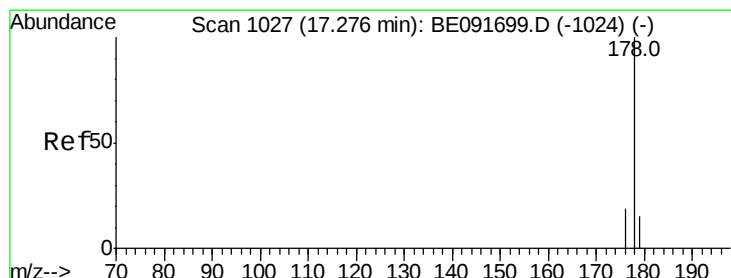
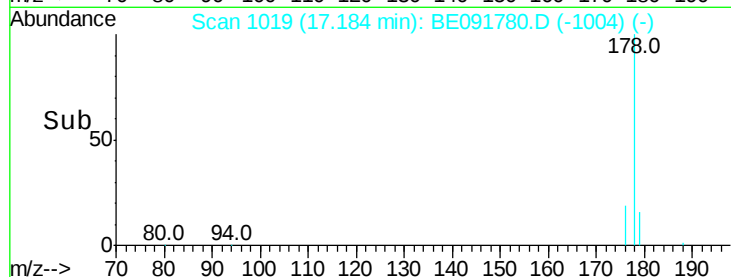
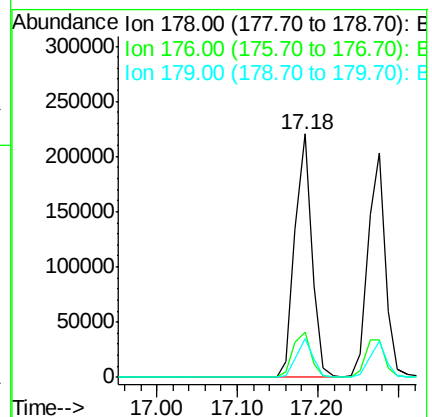
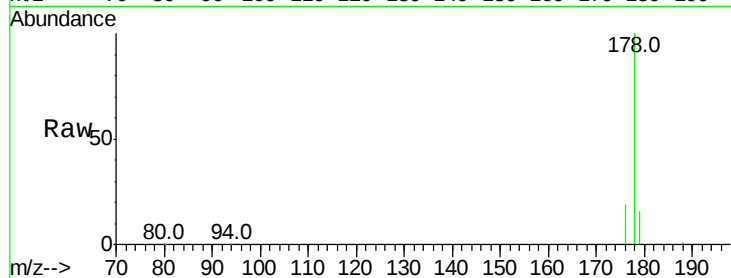
178 100

176 19.5 15.3 22.9

179 15.4 12.6 18.8

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM



#24

Anthracene

Concen: 2.88 ng

RT: 17.28 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE091780.D

Acq: 16 May 2016 19:06

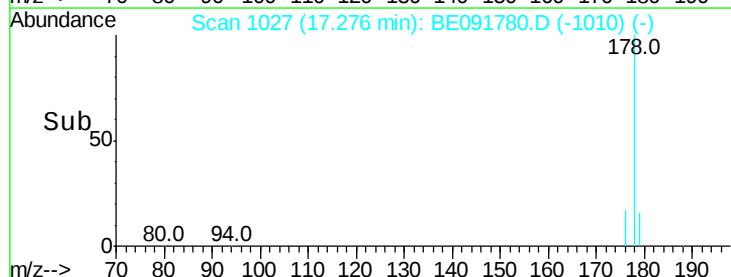
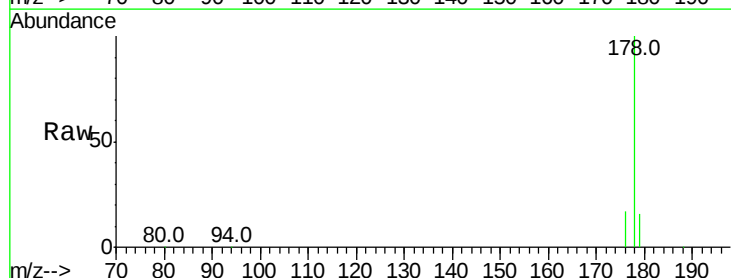
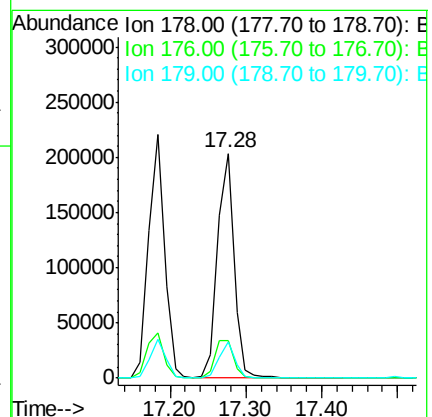
Tgt Ion:178 Resp: 309131

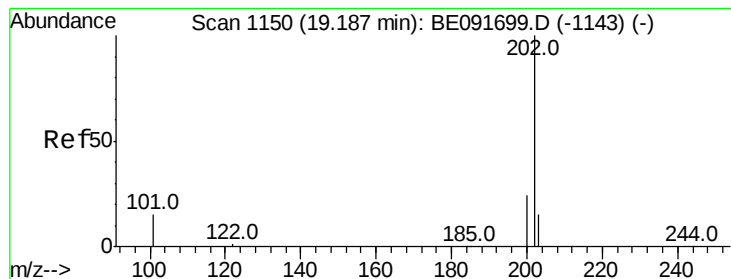
Ion Ratio Lower Upper

178 100

176 18.8 14.6 21.8

179 15.4 11.8 17.6





#25

Fluoranthene

Concen: 3.07 ng

RT: 19.19 min Scan# 1150

Delta R.T. 0.00 min

Lab File: BE091780.D

Acq: 16 May 2016 19:06

Instrument :

BNA_E

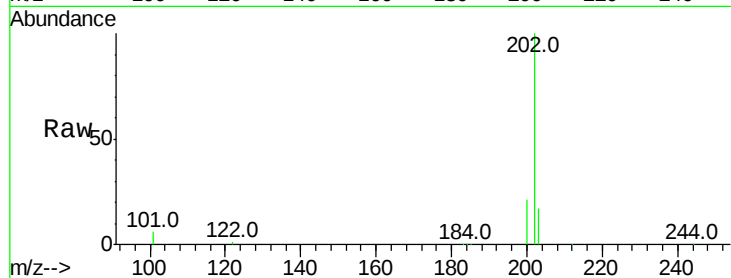
ClientSampleId :

WELDON-WC-SC-019MS

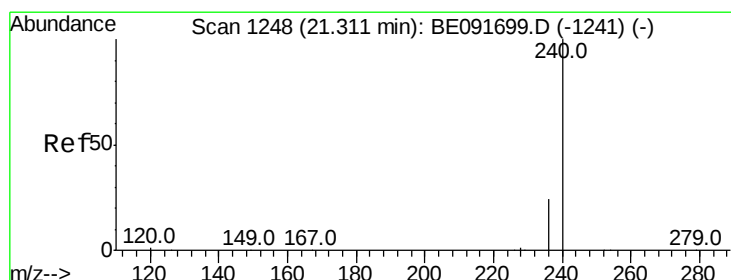
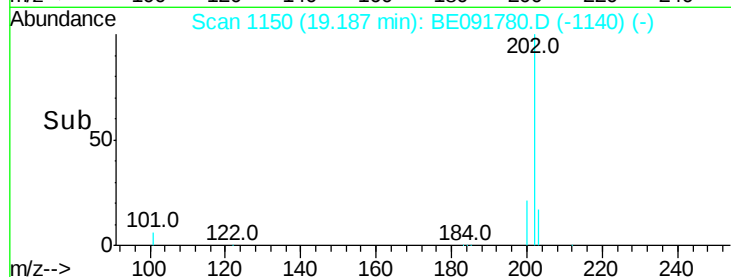
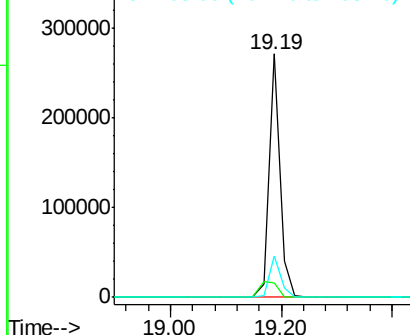
Tot Ion:	202	Resp:	382343
Ion Ratio	Lower	Upper	
202	100		
101	10.4	11.0	16.6#
203	17.7	13.9	20.9

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM



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



#26

Chrysene-d12

Concen: 5.00 ng

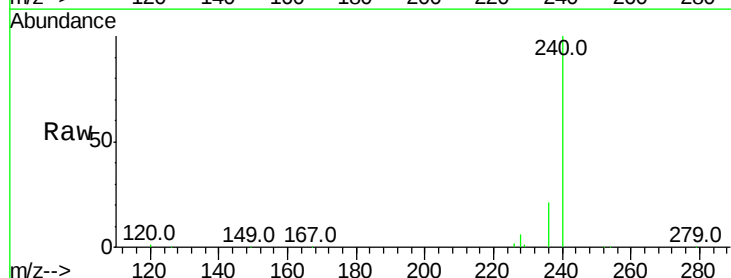
RT: 21.31 min Scan# 1248

Delta R.T. 0.00 min

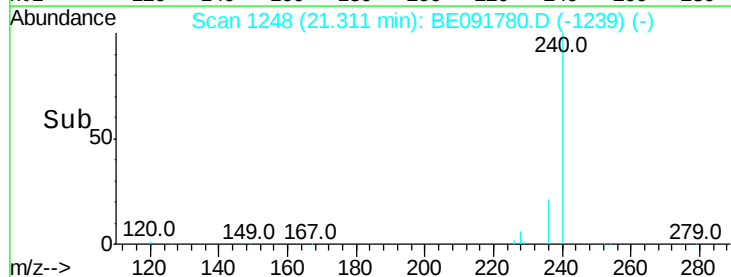
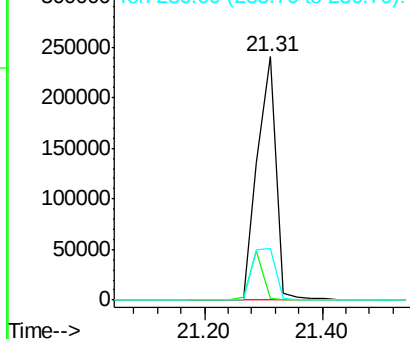
Lab File: BE091780.D

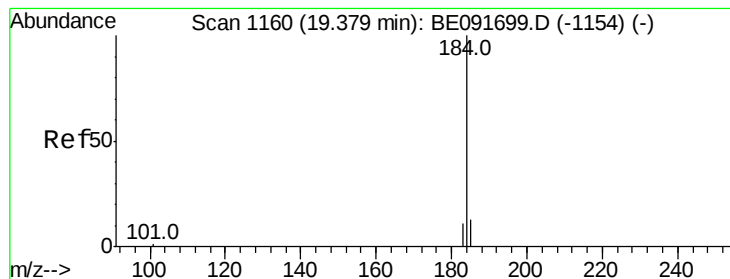
Acq: 16 May 2016 19:06

Tgt Ion:	240	Resp:	536501
Ion Ratio	Lower	Upper	
240	100		
120	0.8	11.0	16.4#
236	21.1	21.7	32.5#



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





#27

Benzidine

Concen: 1.22 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091780.D

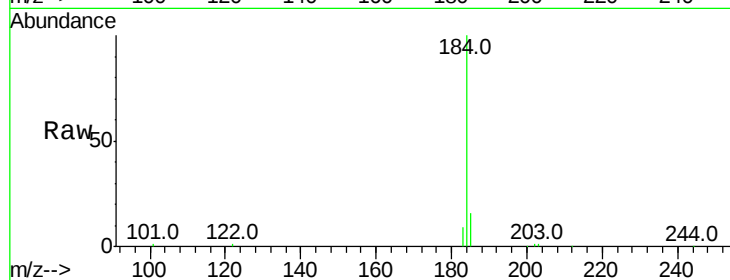
Acq: 16 May 2016 19:06

Instrument :

BNA_E

ClientSampleId :

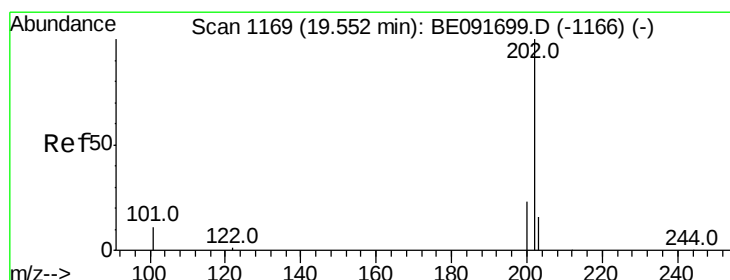
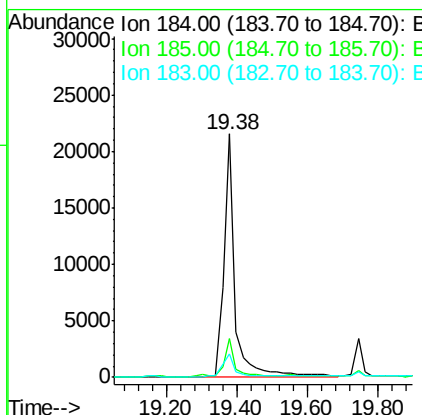
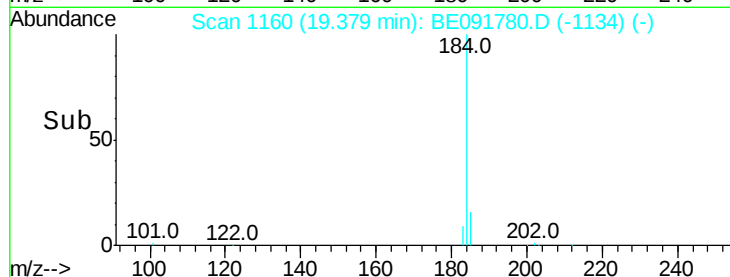
WELDON-WC-SC-019MS



Tot Ion:	184	Resp:	46220
Ion Ratio	Lower	Upper	
184	100		
185	16.0	22.3	33.5#
183	9.4	16.4	24.6#

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM



#28

Pyrene

Concen: 3.34 ng

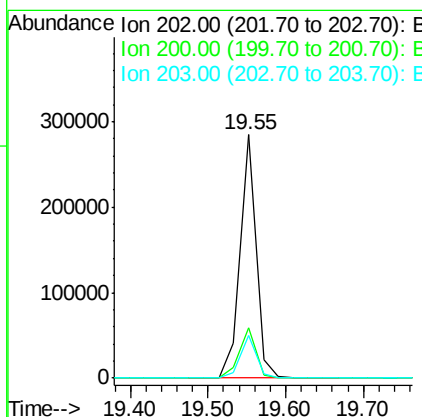
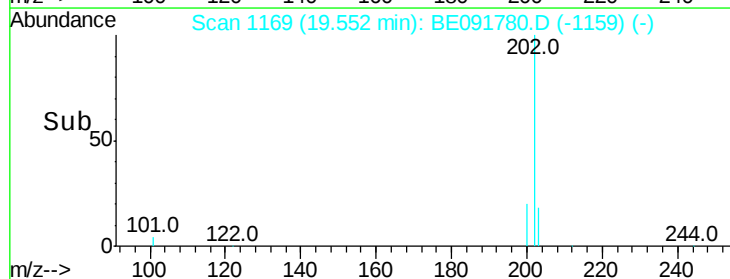
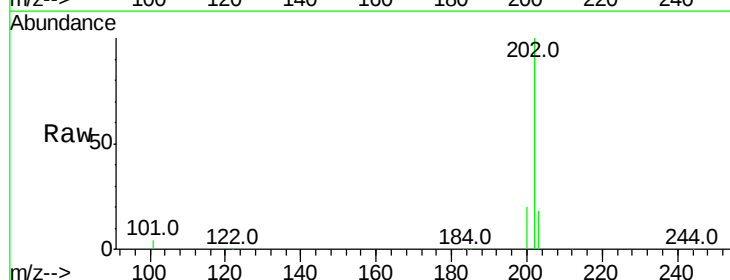
RT: 19.55 min Scan# 1169

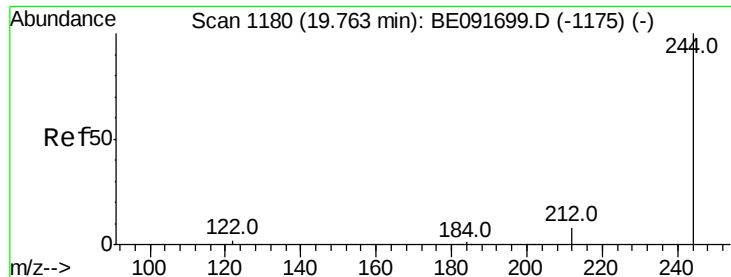
Delta R.T. 0.00 min

Lab File: BE091780.D

Acq: 16 May 2016 19:06

Tgt Ion:	202	Resp:	404450
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.8	25.2
203	18.1	14.0	21.0





#29

Terphenyl-d14

Concen: 2.76 ng

RT: 19.76 min Scan# 1180

Delta R.T. 0.00 min

Lab File: BE091780.D

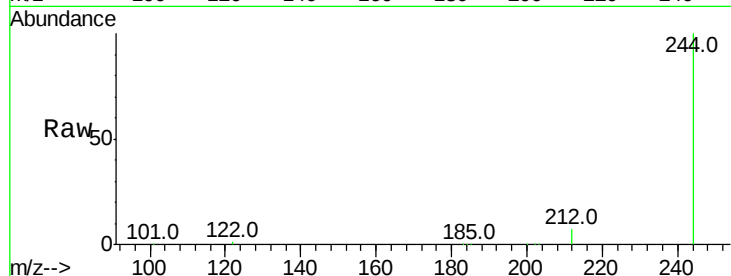
Acq: 16 May 2016 19:06

Instrument :

BNA_E

ClientSampleId :

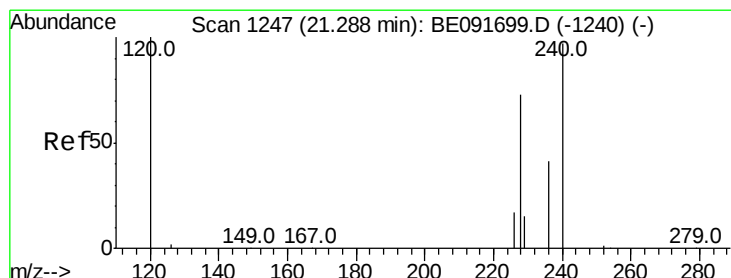
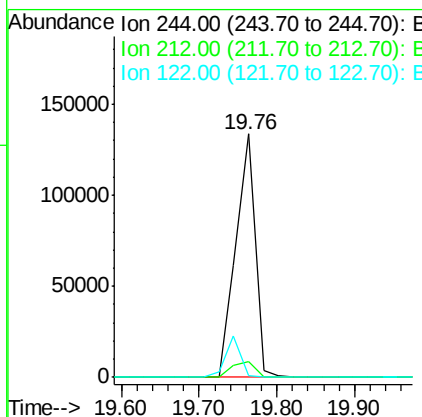
WELDON-WC-SC-019MS



Tot Ion:	244	Resp:	231150
Ion Ratio	Lower	Upper	
244	100		
212	6.7	6.9	10.3#
122	0.8	11.0	16.4#

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM



#30

Benzo(a)anthracene

Concen: 2.63 ng

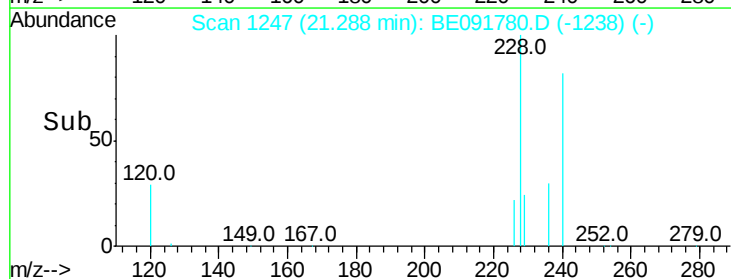
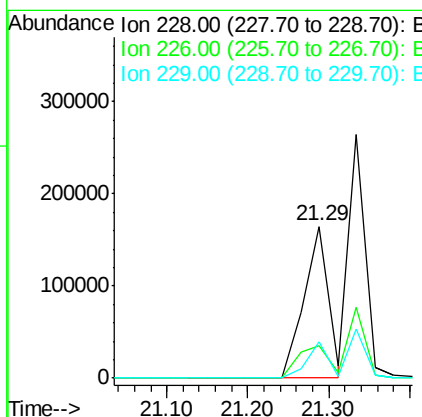
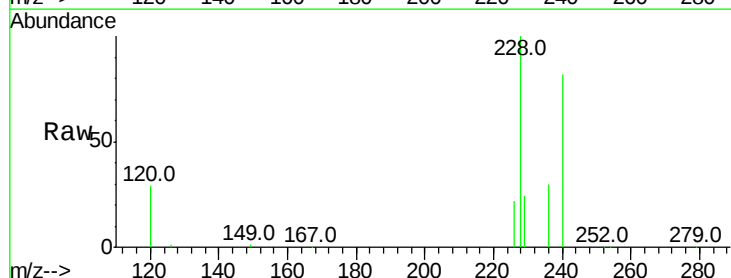
RT: 21.29 min Scan# 1247

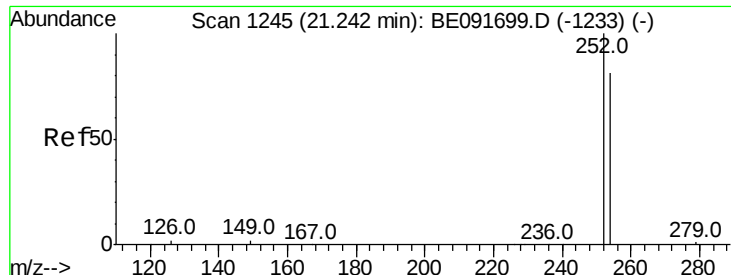
Delta R.T. 0.00 min

Lab File: BE091780.D

Acq: 16 May 2016 19:06

Tgt Ion:	228	Resp:	344746
Ion Ratio	Lower	Upper	
228	100		
226	21.6	21.0	31.4
229	23.9	15.7	23.5#





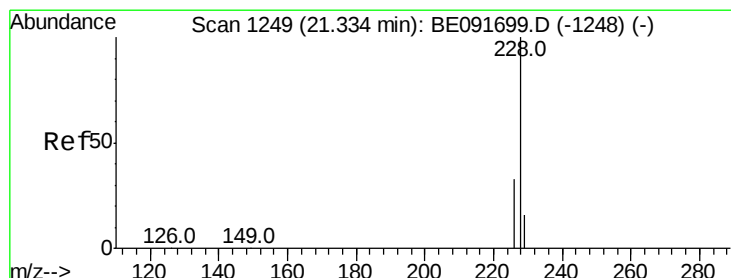
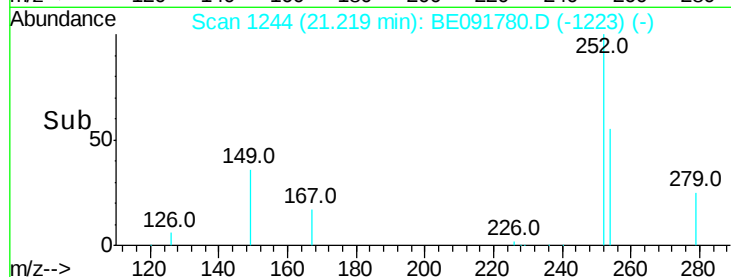
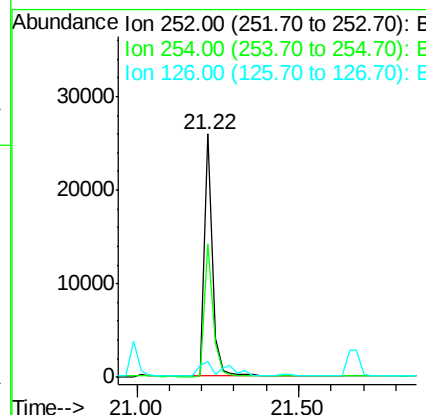
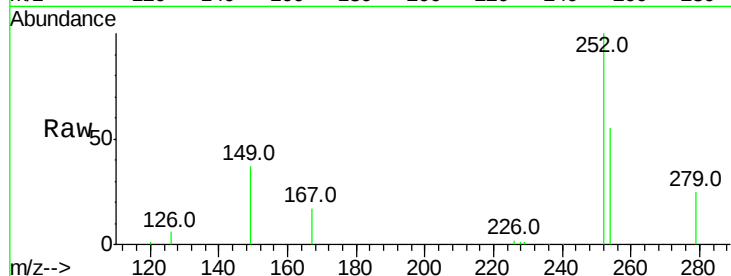
#31
 3,3'-Dichlorobenzidine
 Concen: 0.67 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091780.D
 Acq: 16 May 2016 19:06

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

Tot Ion	Ratio	Lower	Upper
252	100		
254	54.9	51.1	76.7
126	6.4	12.6	18.8

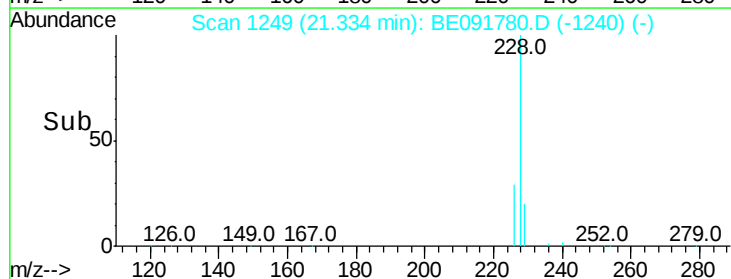
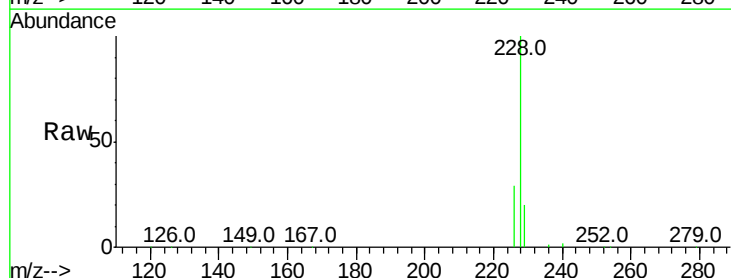
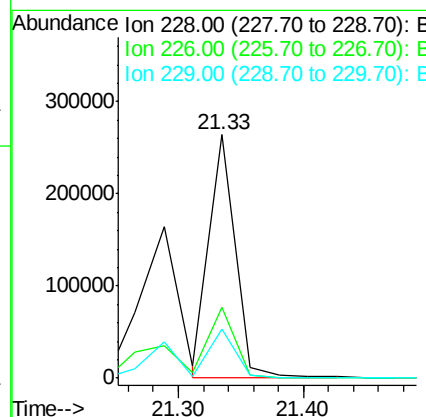
Manual Integrations
 APPROVED

umangi
 5/17/2016 7:17:28 PM



#32
 Chrysene
 Concen: 2.86 ng m
 RT: 21.33 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BE091780.D
 Acq: 16 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	20.1	15.9	23.9





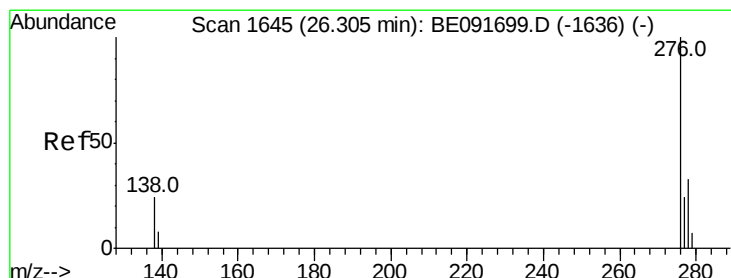
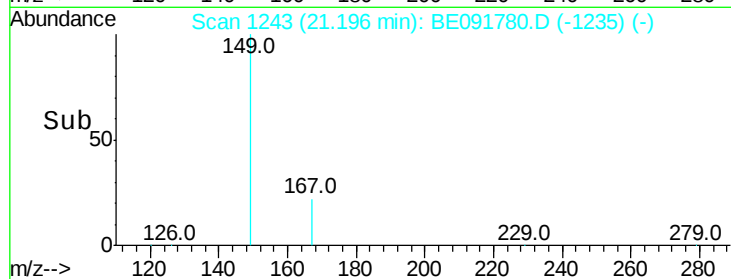
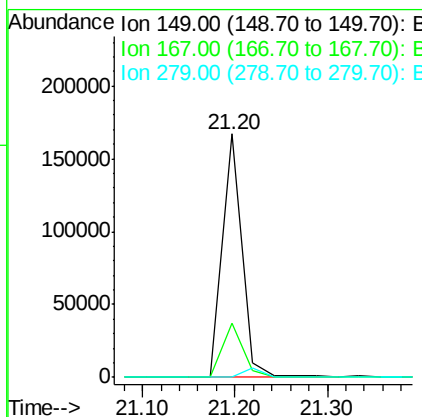
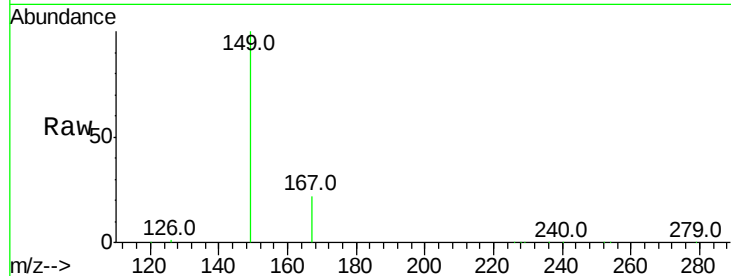
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 6.20 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091780.D
 Acq: 16 May 2016 19:06

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

Tot Ion	Ratio	Resp	Lower	Upper
149	100	246292		
167	23.2	19.5	29.3	
279	0.0	10.0	15.0	

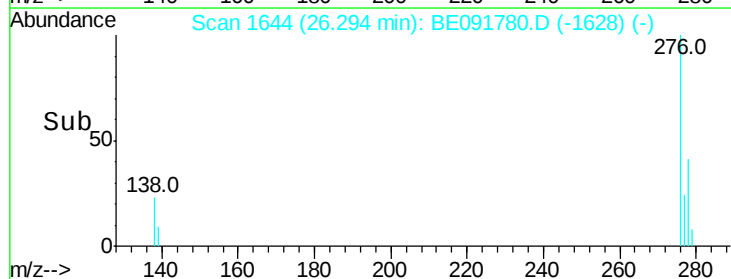
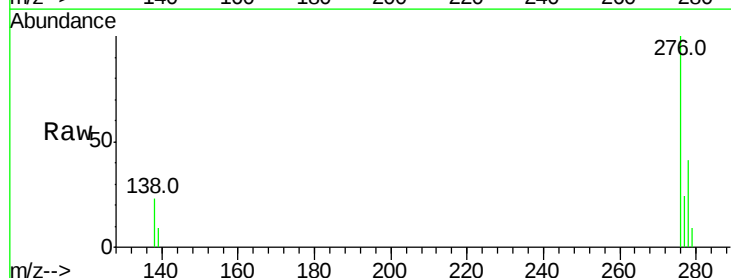
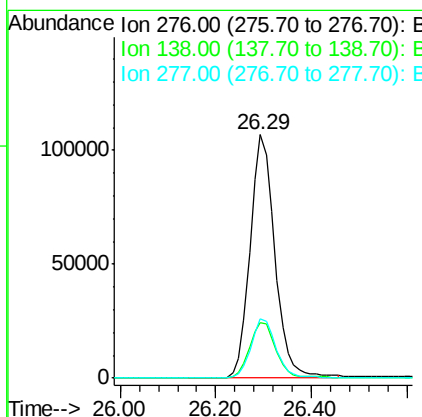
Manual Integrations
 APPROVED

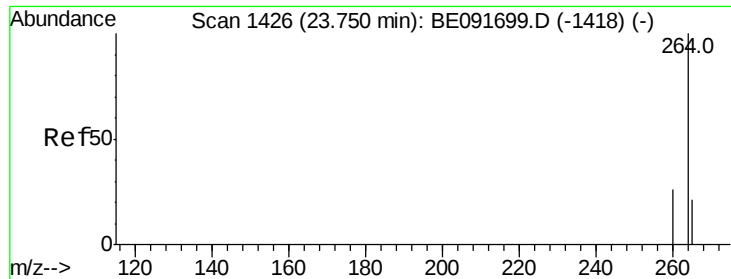
umangi
 5/17/2016 7:17:28 PM



#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.16 ng
 RT: 26.29 min Scan# 1644
 Delta R.T. -0.01 min
 Lab File: BE091780.D
 Acq: 16 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	382800		
138	24.3	23.4	35.2	
277	24.8	19.8	29.8	





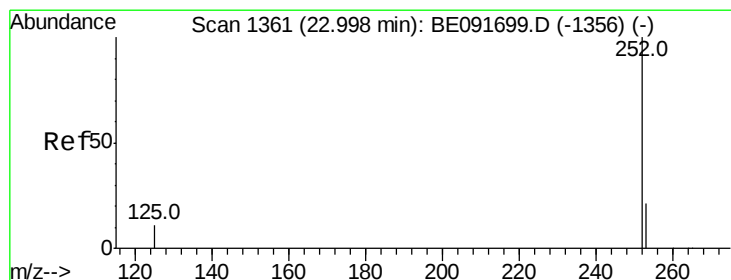
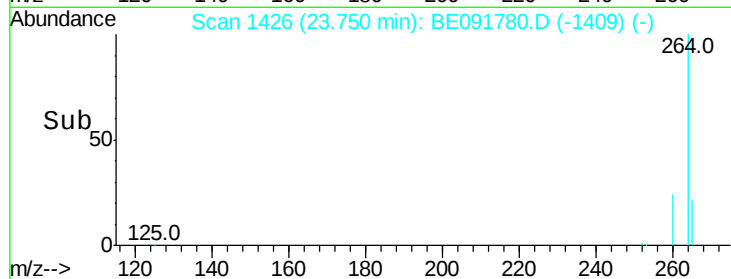
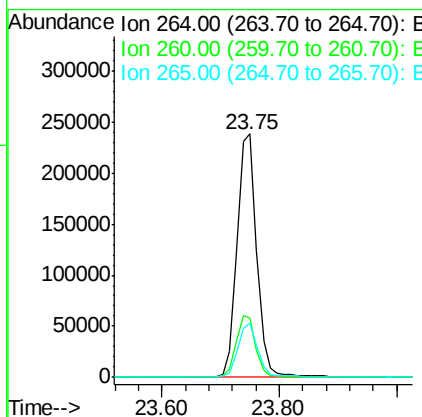
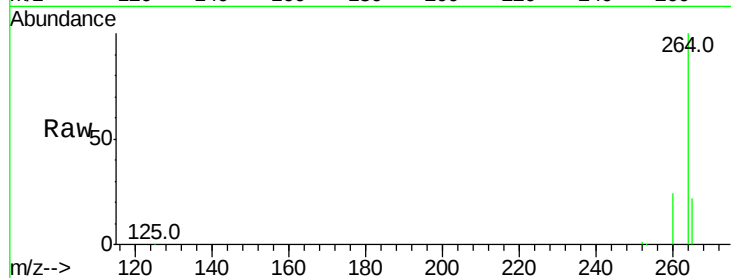
#35
Pervlene-d12
Concen: 5.00 ng
RT: 23.75 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

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

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	24.1	20.0	30.0	
265	22.3	17.5	26.3	

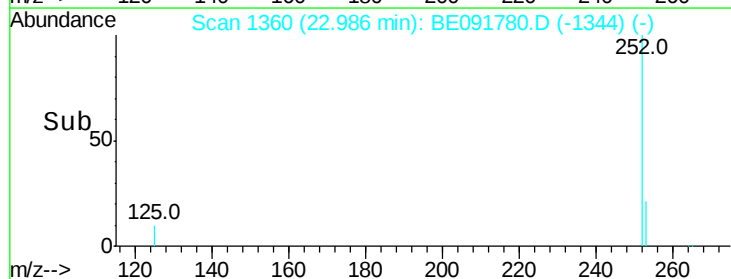
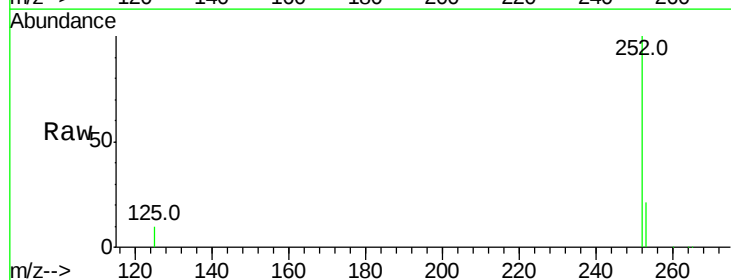
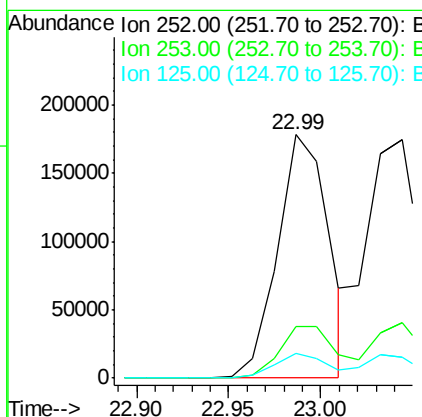
Manual Integrations
APPROVED

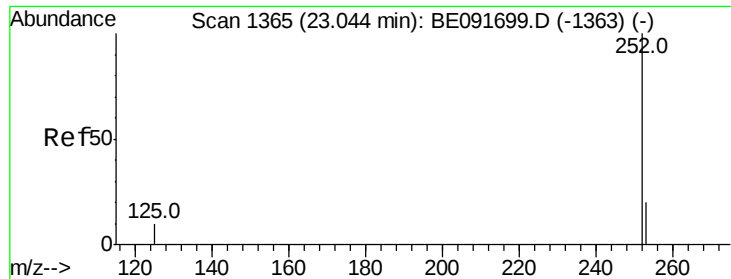
umangi
5/17/2016 7:17:28 PM



#36
Benzo(b)fluoranthene
Concen: 2.64 ng
RT: 22.99 min Scan# 1360
Delta R.T. -0.01 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	21.0	17.4	26.0	
125	10.1	10.2	15.2	





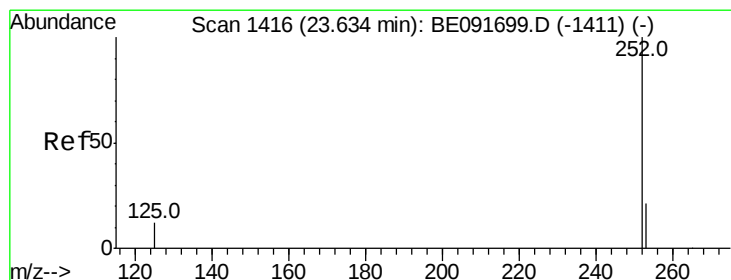
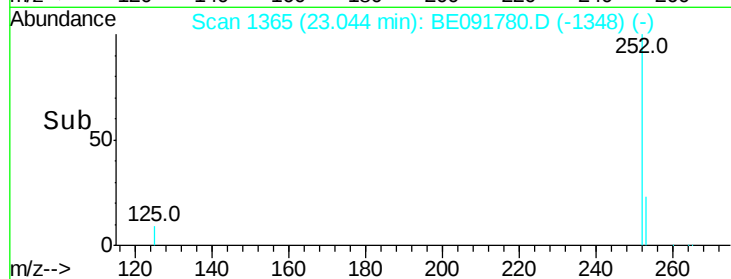
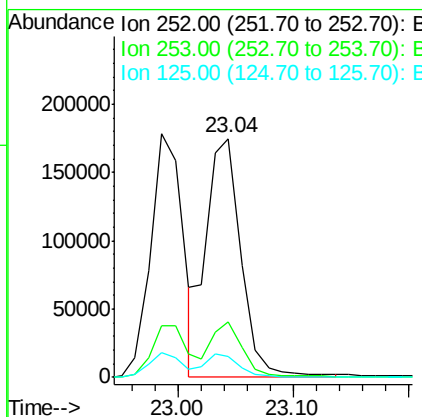
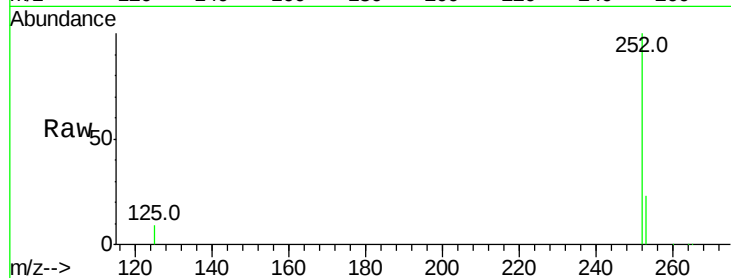
#37
Benzo(k)fluoranthene
Concen: 2.78 ng m
RT: 23.04 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.6	26.4
125	8.9	9.9	14.9

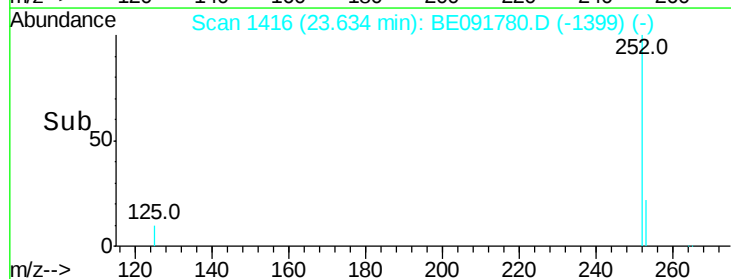
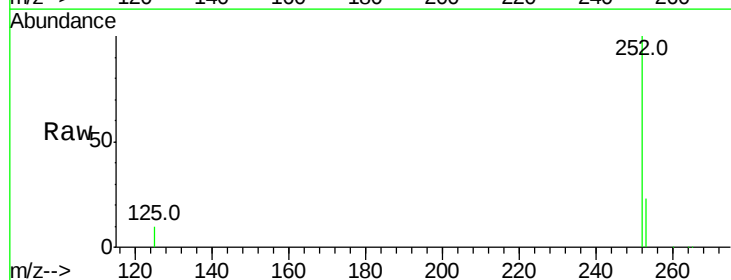
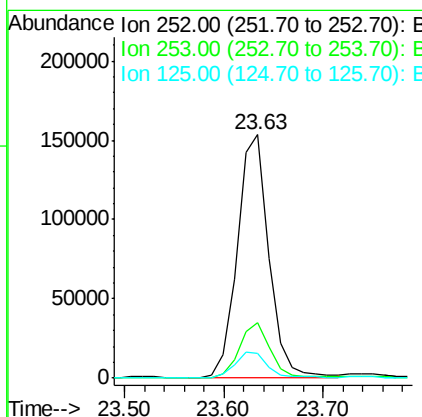
Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM



#38
Benzo(a)pyrene
Concen: 2.75 ng
RT: 23.63 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	10.0	11.0	16.4





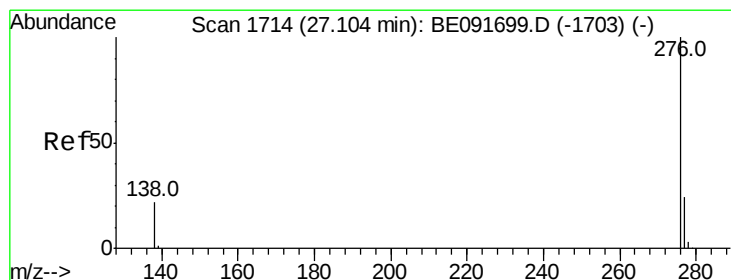
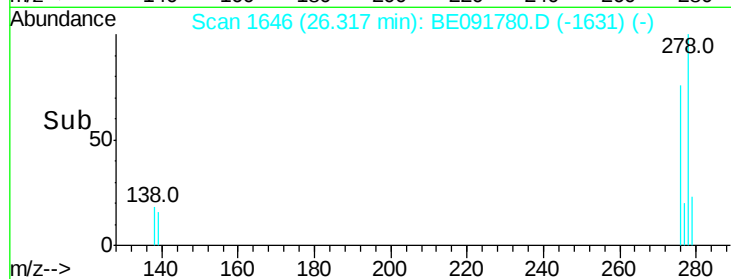
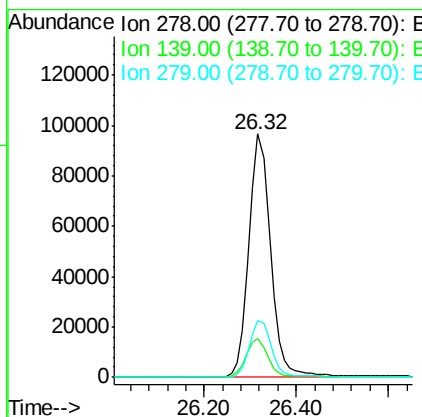
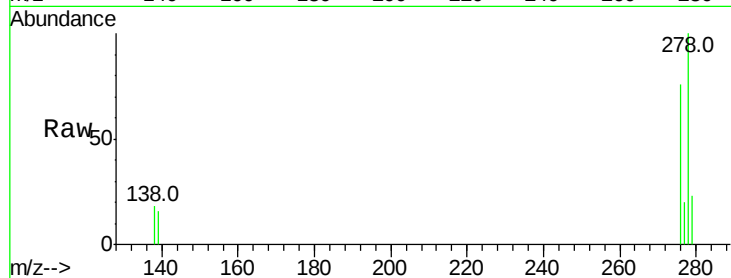
#39
Dibenzo(a,h)anthracene
Concen: 2.73 ng
RT: 26.32 min Scan# 1646
Delta R.T. -0.02 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

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

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.9	16.0	24.0#
279	23.5	19.4	29.2

Manual Integrations
APPROVED

umangi
5/17/2016 7:17:28 PM



#40
Benzo(g,h,i)perylene
Concen: 2.75 ng
RT: 27.08 min Scan# 1712
Delta R.T. -0.02 min
Lab File: BE091780.D
Acq: 16 May 2016 19:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.6	28.0
138	21.7	20.4	30.6

