

Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
 Data File : BE091782.D
 Acq On : 16 May 2016 20:21
 Operator : UM/SJ
 Sample : H3026-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 WELDON-WC-SC-020

Manual Integrations
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Quant Time: May 17 04:39:34 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	57366	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	291407	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	178948	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	425369	5.00	ng	0.00
26) Chrysene-d12	21.31	240	434675	5.00	ng	0.00
35) Perylene-d12	23.75	264	442344	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	45952	3.26	ng	0.00
5) Phenol-d6	6.96	99	69285	3.71	ng	0.00
8) Nitrobenzene-d5	8.95	82	30574	1.63	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	20597	3.19	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	96015	1.90	ng	0.00
29) Terphenyl-d14	19.76	244	145502	2.15	ng	0.00
Target Compounds						Qvalue
22) Pentachlorophenol	16.79	266	1882	0.32	ng	93
23) Phenanthrene	17.18	178	3194	0.03	ng	96
25) Fluoranthene	19.19	202	3028	0.03	ng	97
28) Pyrene	19.55	202	3230	0.03	ng	96
30) Benzo(a)anthracene	21.29	228	2629m	0.02	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	4928	0.15	ng	# 88

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

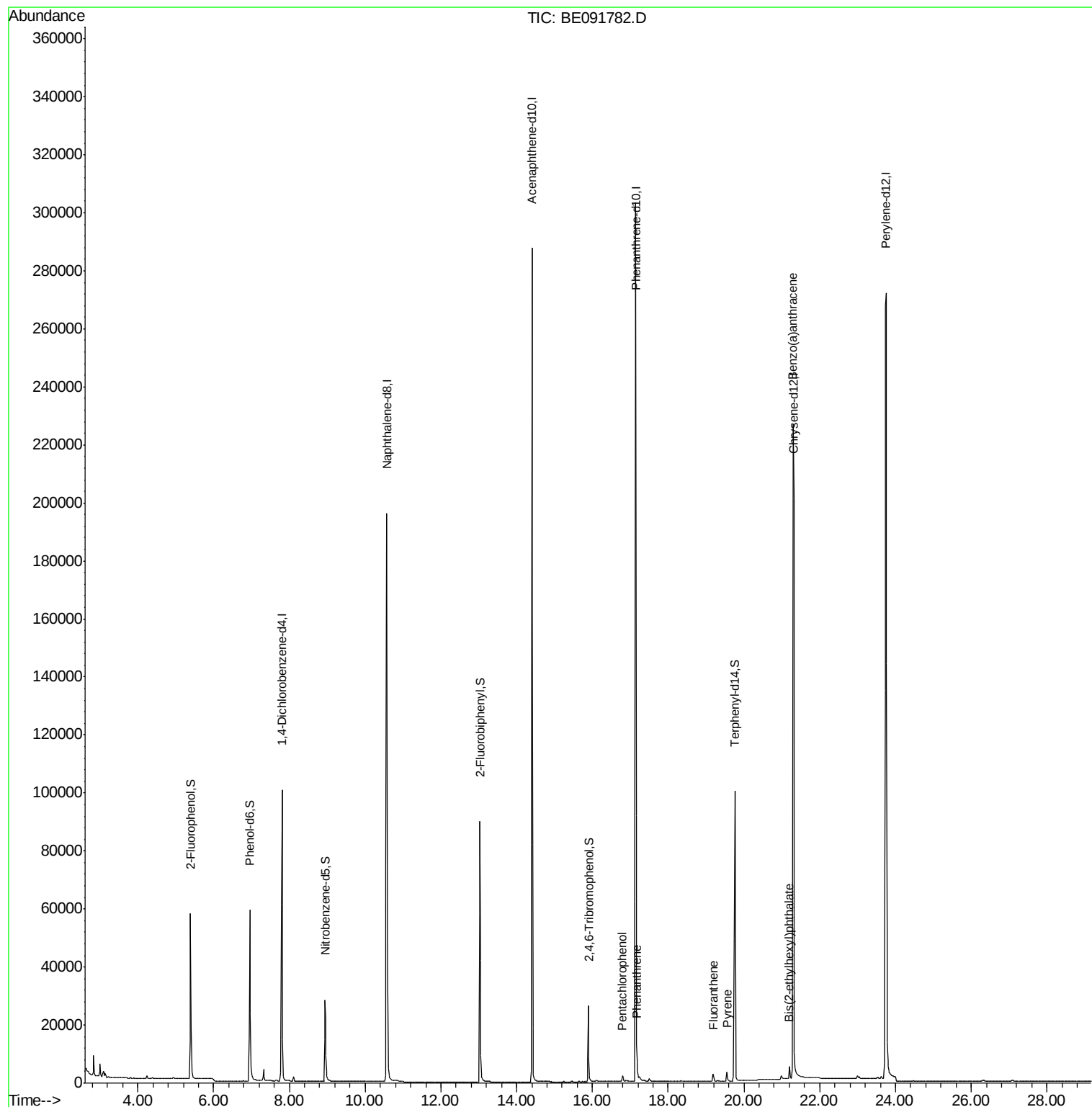
Data Path : Z:\HPCHEM1\BNA E\DATA\BE051616\
Data File : BE091782.D
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QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091782.D

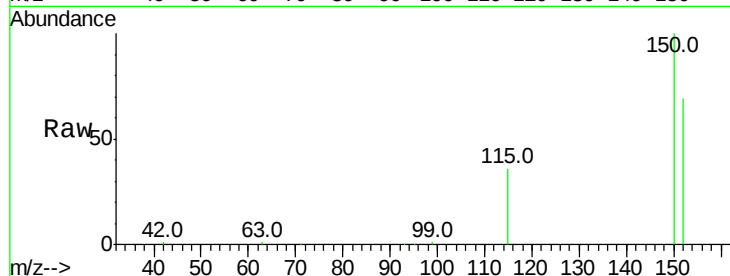
Acq: 16 May 2016 20:21

Instrument :

BNA_E

ClientSampleId :

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Tot Ion:152 Resp: 57366

Ion Ratio Lower Upper

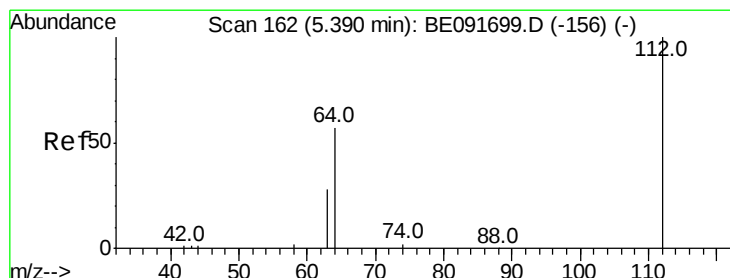
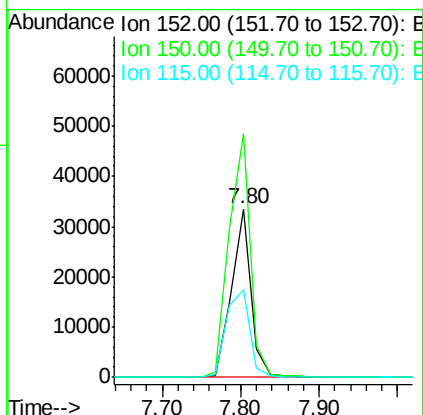
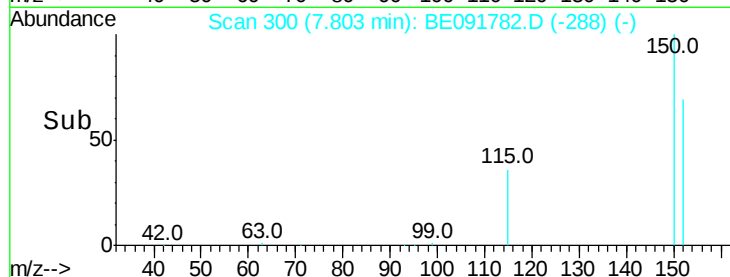
152 100

150 144.4 122.6 183.8

115 51.8 52.8 79.2#

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#4

2-Fluorophenol

Concen: 3.26 ng

RT: 5.39 min Scan# 162

Delta R.T. 0.00 min

Lab File: BE091782.D

Acq: 16 May 2016 20:21

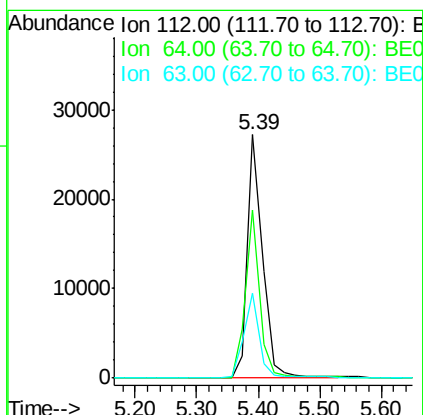
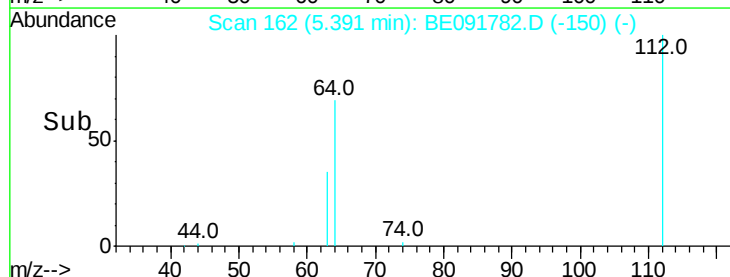
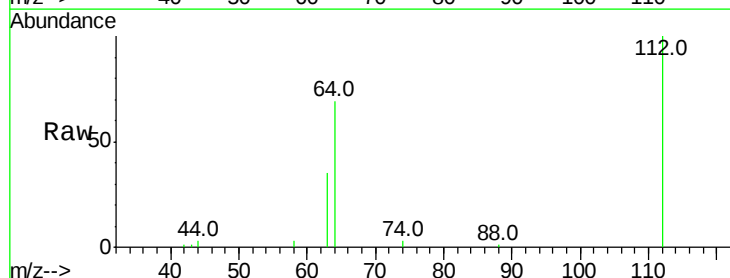
Tgt Ion:112 Resp: 45952

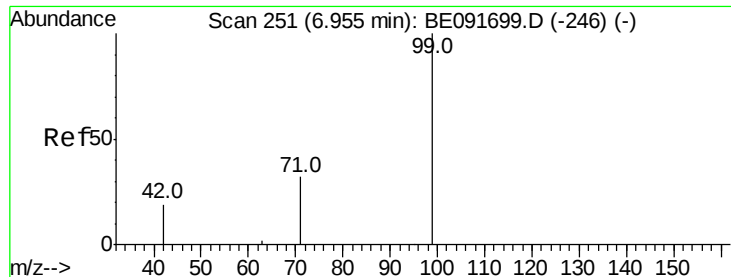
Ion Ratio Lower Upper

112 100

64 66.3 30.9 46.3#

63 35.6 16.7 25.1#





#5

Phenol-d6

Concen: 3.71 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091782.D

Acq: 16 May 2016 20:21

Instrument :

BNA_E

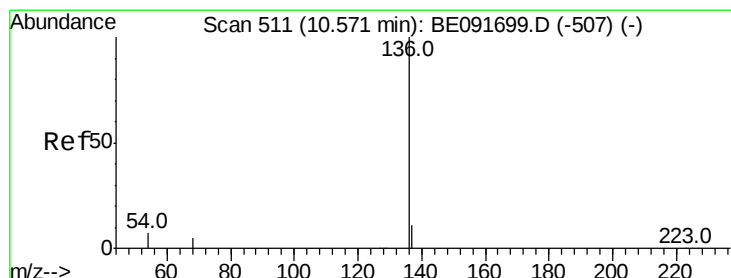
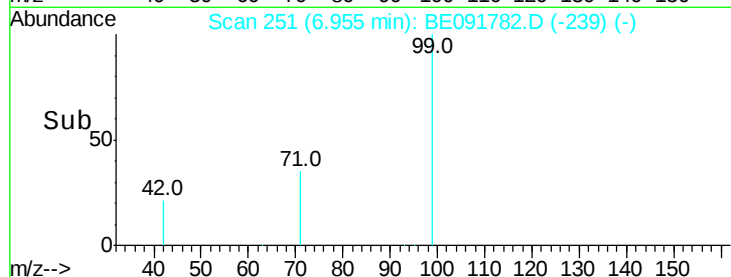
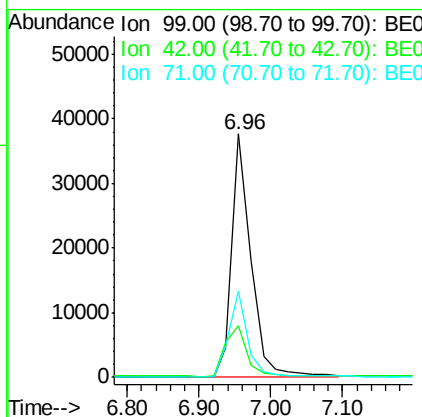
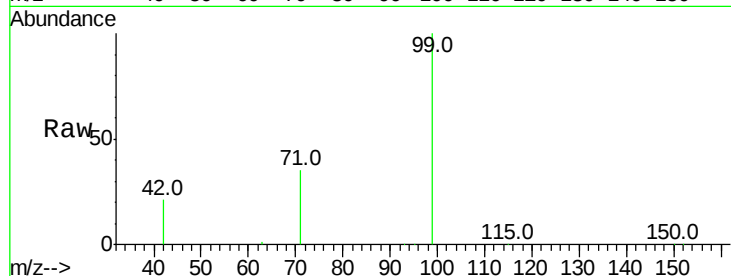
ClientSampleId :

WELDON-WC-SC-020

Tot Ion:	99	Resp:	69285
Ion Ratio	Lower	Upper	
99	100		
42	23.9	16.2	24.2
71	34.9	29.0	43.4

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#7

Naphthalene-d8

Concen: 5.00 ng

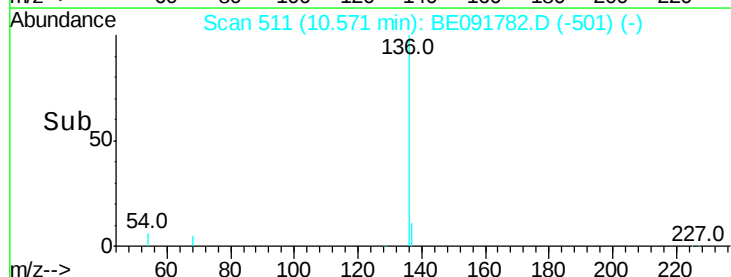
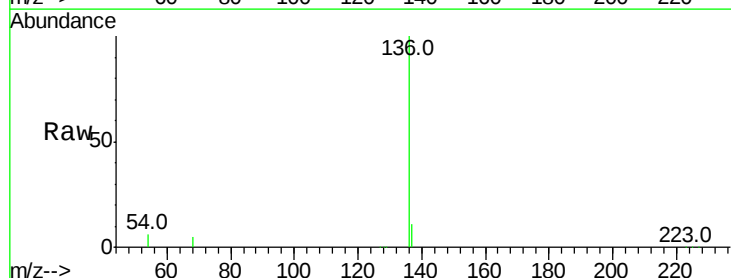
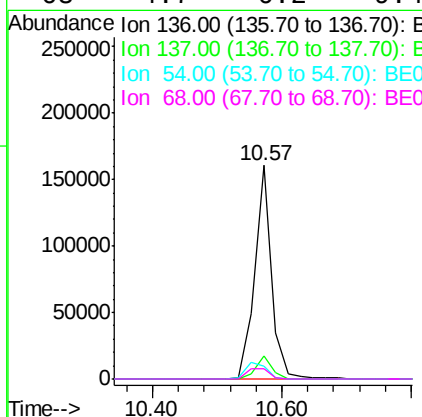
RT: 10.57 min Scan# 511

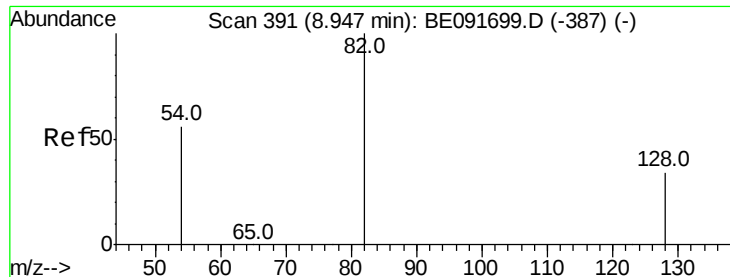
Delta R.T. 0.00 min

Lab File: BE091782.D

Acq: 16 May 2016 20:21

Tgt Ion:	136	Resp:	291407
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	6.1	8.2	12.4#
68	4.7	6.2	9.4#





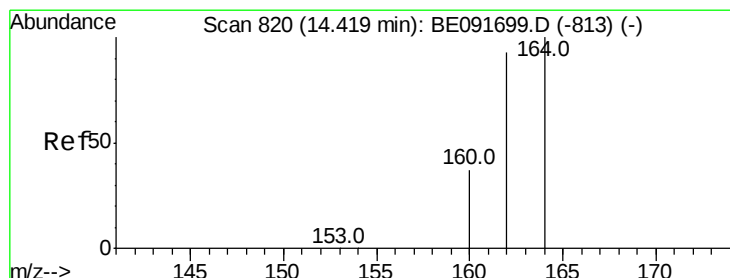
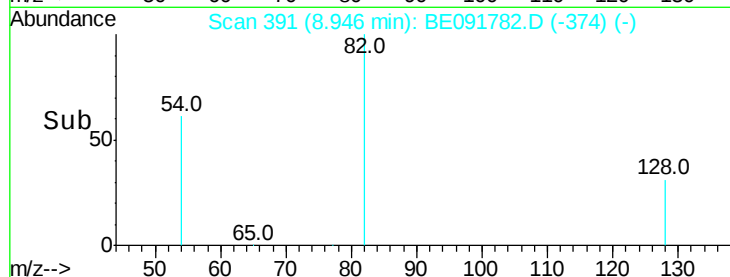
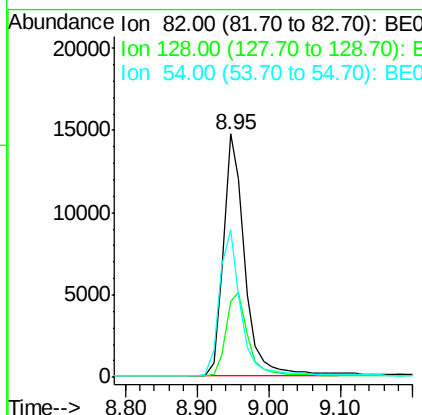
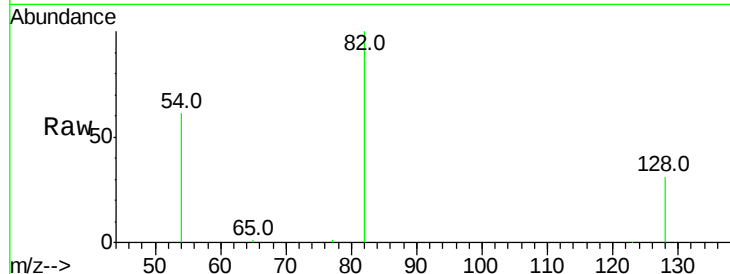
#8
 Nitrobenzene-d5
 Concen: 1.63 ng
 RT: 8.95 min Scan# 391
 Delta R.T. -0.00 min
 Lab File: BE091782.D
 Acq: 16 May 2016 20:21

Instrument :
 BNA_E
 ClientSampleId :
 WELDON-WC-SC-020

Tot Ion	Ratio	Lower	Upper
82	100		
128	31.1	25.4	38.0
54	60.8	48.4	72.6

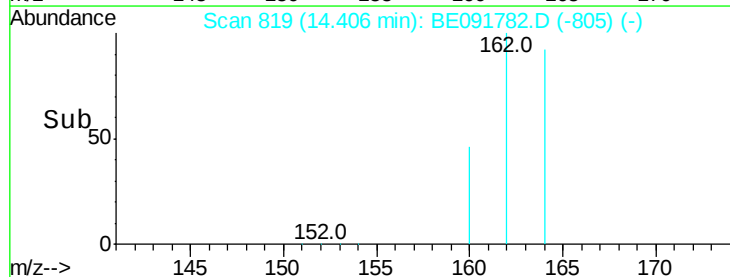
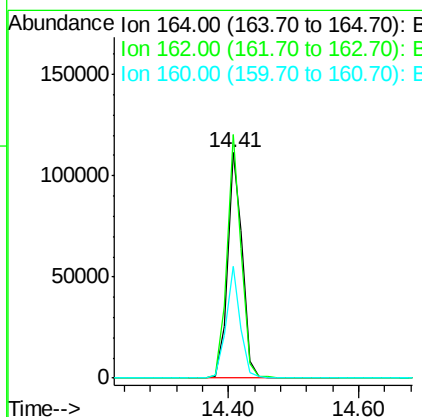
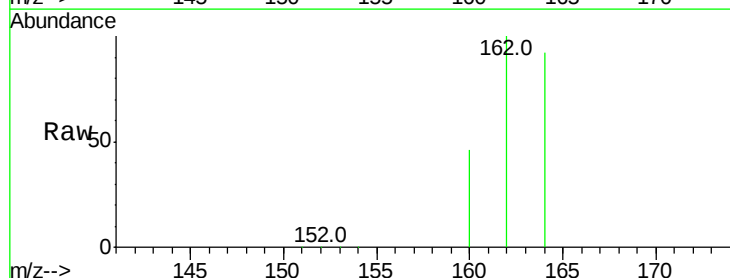
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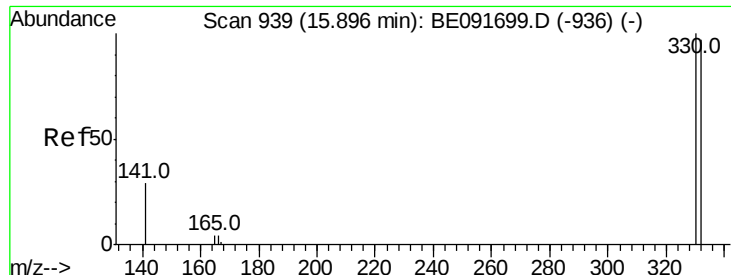
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#13
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 14.41 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BE091782.D
 Acq: 16 May 2016 20:21

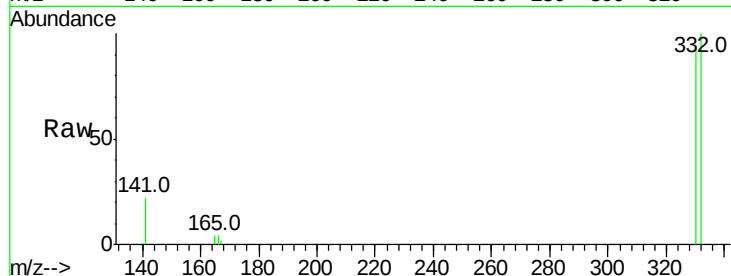
Tgt Ion	Ratio	Lower	Upper
164	100		
162	108.2	85.3	127.9
160	49.9	46.2	69.2





#14
 2,4,6-Tribromophenol
 Concen: 3.19 ng
 RT: 15.90 min Scan# 939
 Delta R.T. 0.00 min
 Lab File: BE091782.D
 Acq: 16 May 2016 20:21

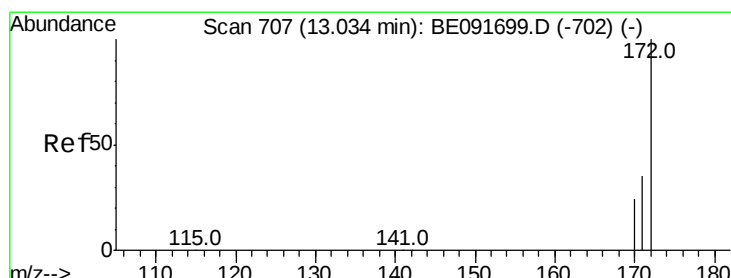
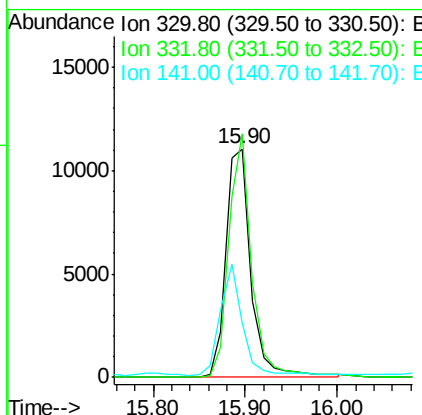
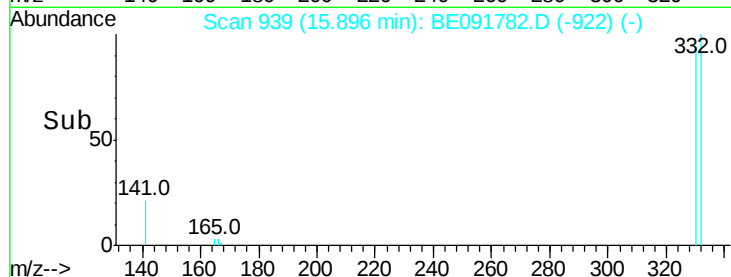
Instrument :
 BNA_E
 ClientSampleId :
 WELDON-WC-SC-020



Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	79.1	118.7
141	43.0	125.4	188.0

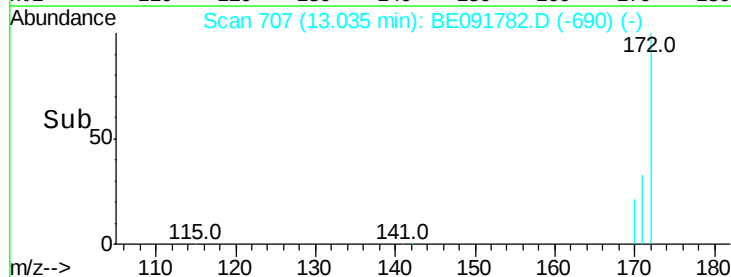
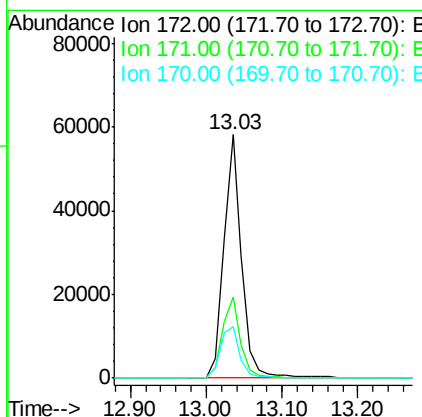
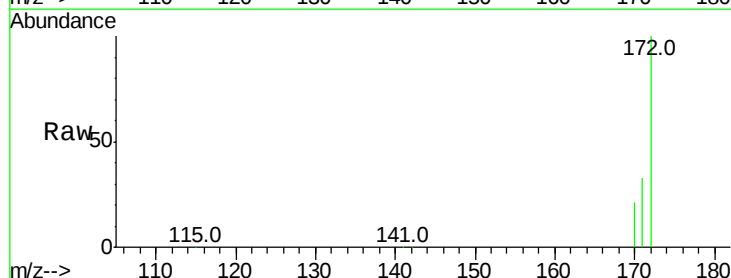
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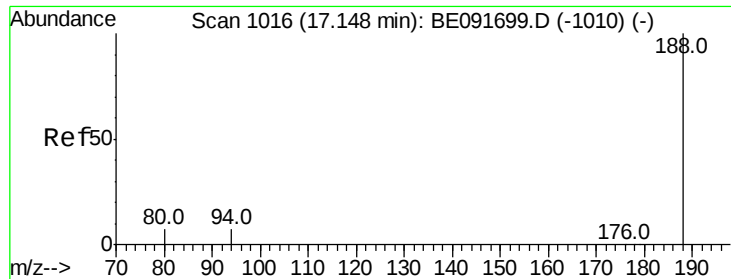
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#15
 2-Fluorobiphenyl
 Concen: 1.90 ng
 RT: 13.03 min Scan# 707
 Delta R.T. 0.00 min
 Lab File: BE091782.D
 Acq: 16 May 2016 20:21

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.2	28.8	43.2
170	21.1	19.3	28.9





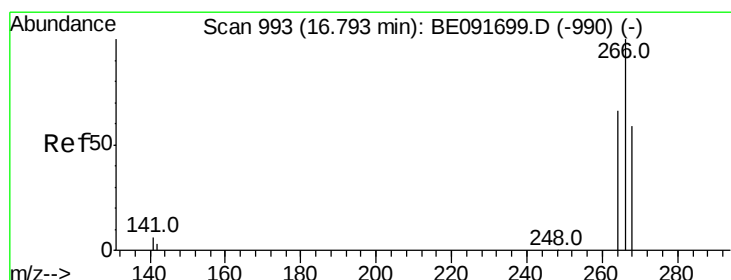
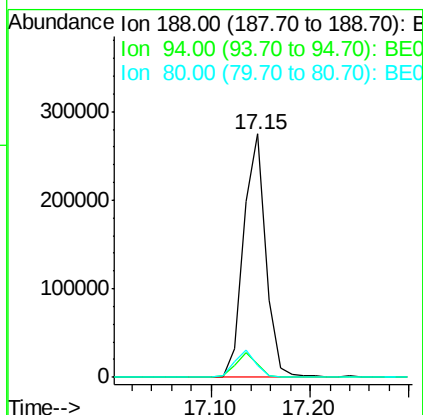
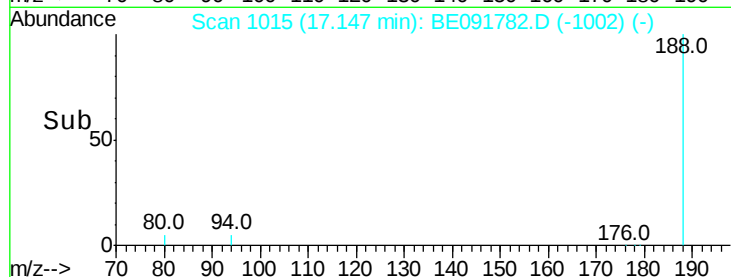
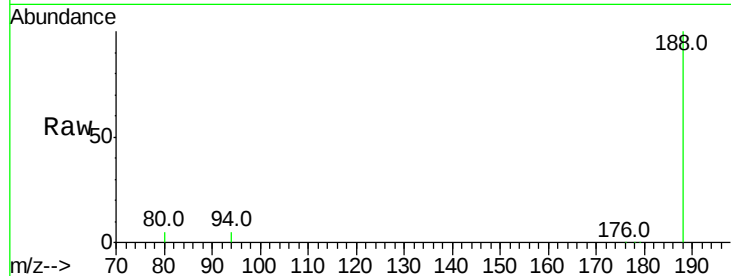
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE091782.D
Acq: 16 May 2016 20:21

Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-020

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.5	8.7	13.1#
80	4.7	9.4	14.0#

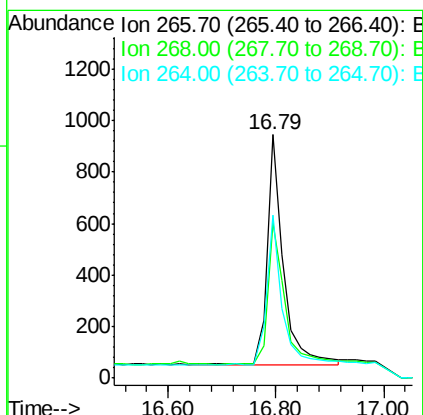
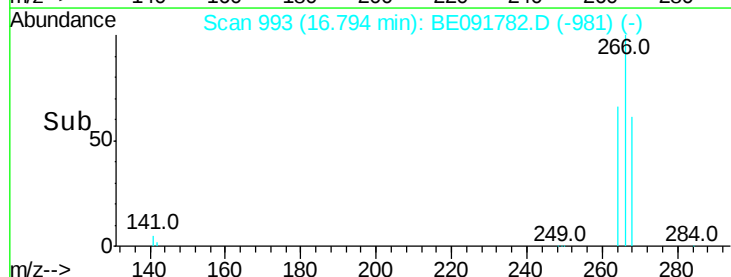
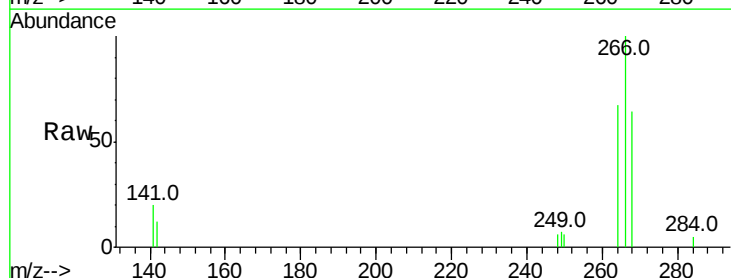
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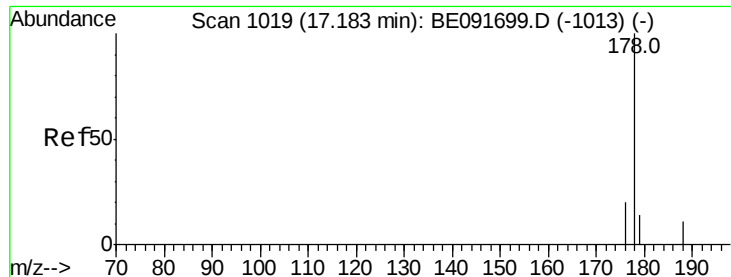
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#22
Pentachlorophenol
Concen: 0.32 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091782.D
Acq: 16 May 2016 20:21

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.7	58.2	87.2
264	67.0	56.2	84.4





#23

Phenanthrene

Concen: 0.03 ng

RT: 17.18 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BE091782.D

Acq: 16 May 2016 20:21

Instrument :

BNA_E

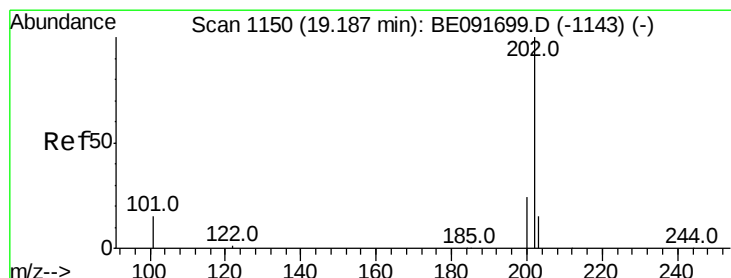
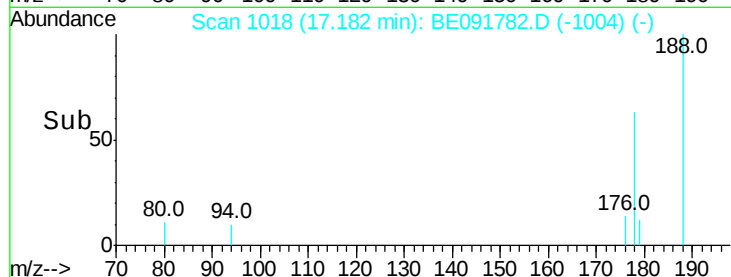
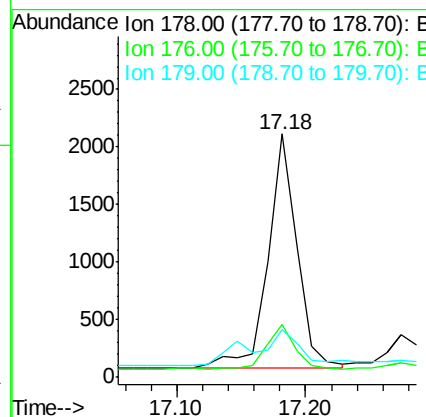
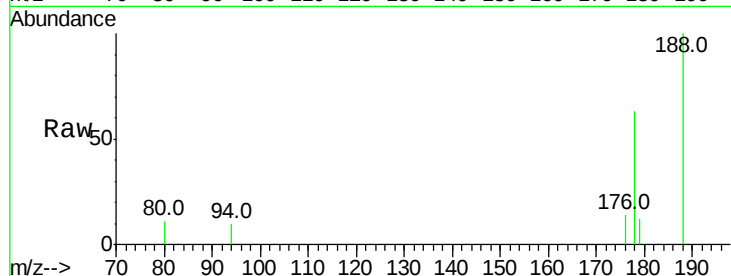
ClientSampleId :

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Tot Ion:	178	Resp:	3194
Ion	Ratio	Lower	Upper
178	100		
176	17.5	15.3	22.9
179	13.3	12.6	18.8

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#25

Fluoranthene

Concen: 0.03 ng

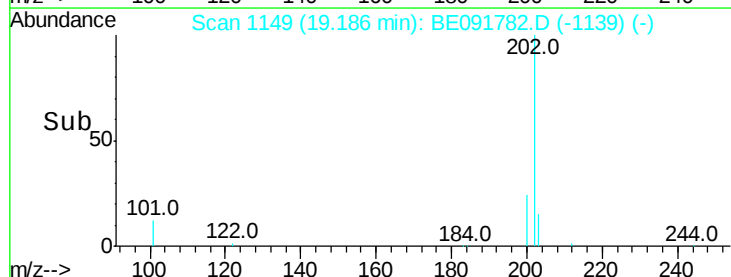
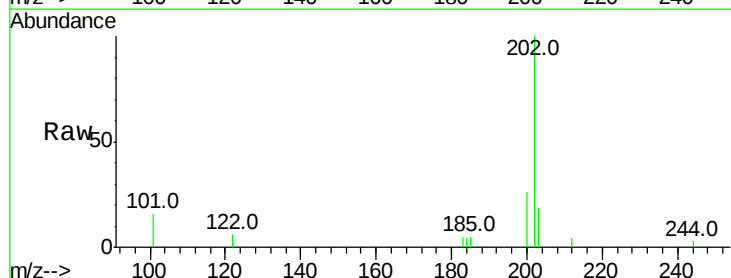
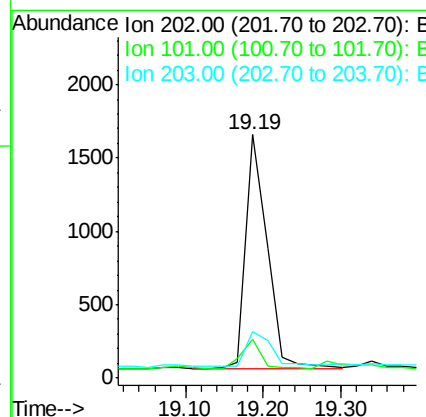
RT: 19.19 min Scan# 1149

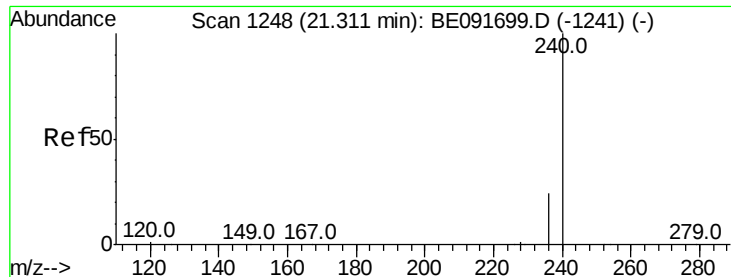
Delta R.T. -0.00 min

Lab File: BE091782.D

Acq: 16 May 2016 20:21

Tgt Ion:	202	Resp:	3028
Ion	Ratio	Lower	Upper
202	100		
101	11.3	11.0	16.6
203	17.6	13.9	20.9





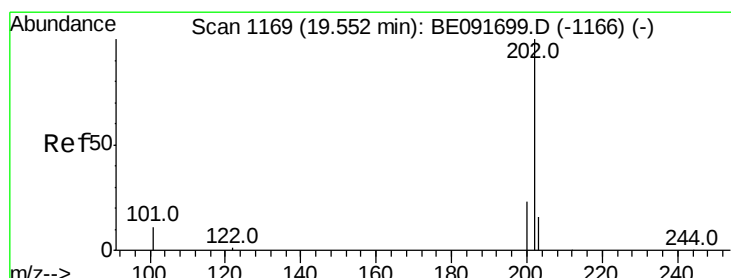
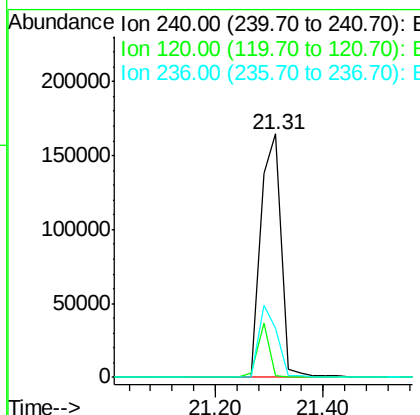
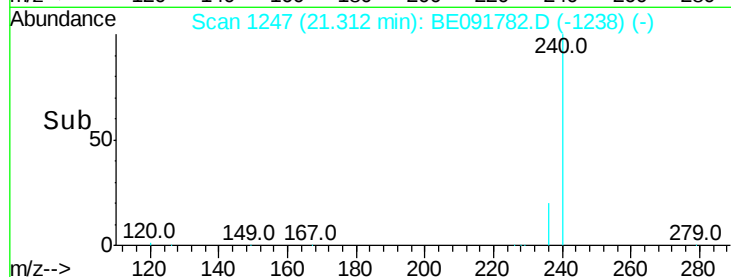
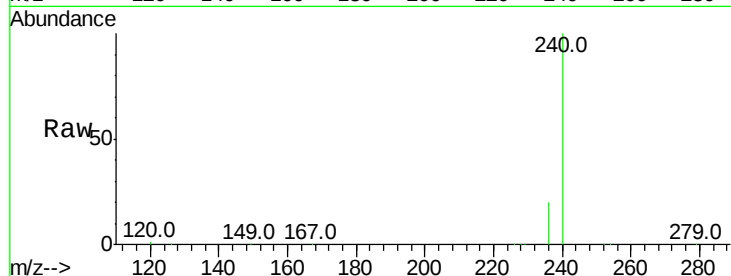
#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BE091782.D
Acq: 16 May 2016 20:21

Instrument :
BNA_E
ClientSampleId :
WELDON-WC-SC-020

Tot Ion	Ratio	Lower	Upper
240	100		
120	0.9	11.0	16.4#
236	20.3	21.7	32.5#

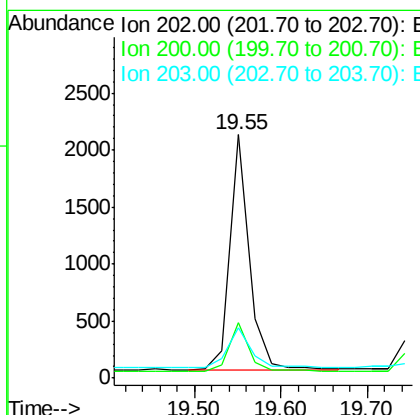
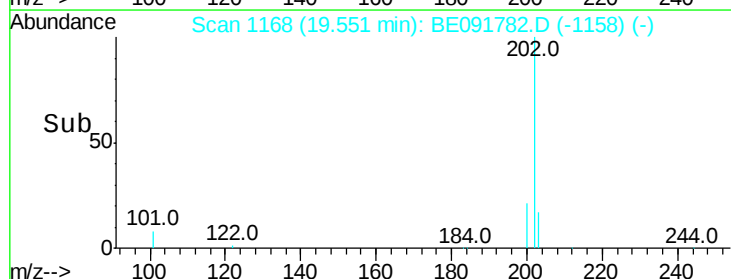
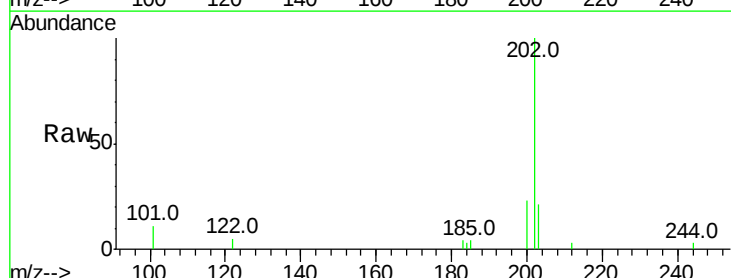
Manual Integrations
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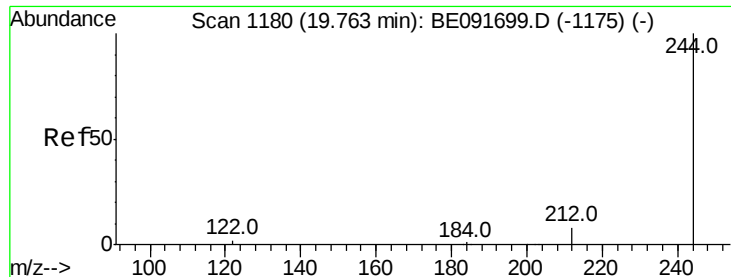
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#28
Pyrene
Concen: 0.03 ng
RT: 19.55 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE091782.D
Acq: 16 May 2016 20:21

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.4	16.8	25.2
203	20.4	14.0	21.0





#29

Terphenyl-d14

Concen: 2.15 ng

RT: 19.76 min Scan# 1179

Delta R.T. -0.00 min

Lab File: BE091782.D

Acq: 16 May 2016 20:21

Instrument :

BNA_E

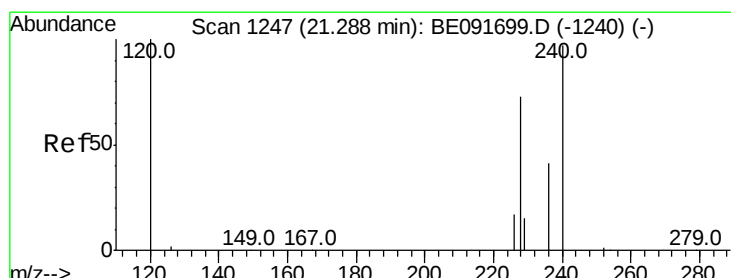
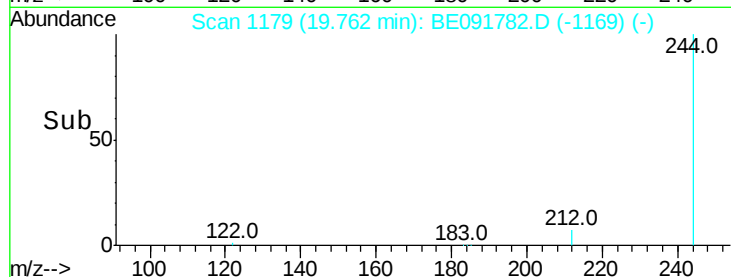
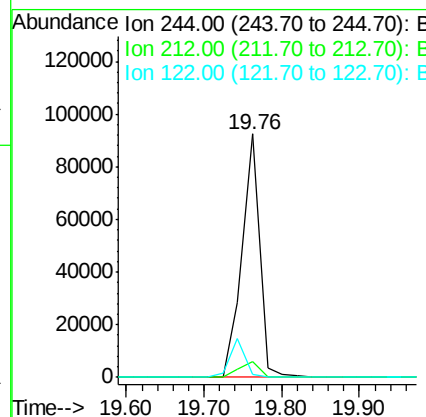
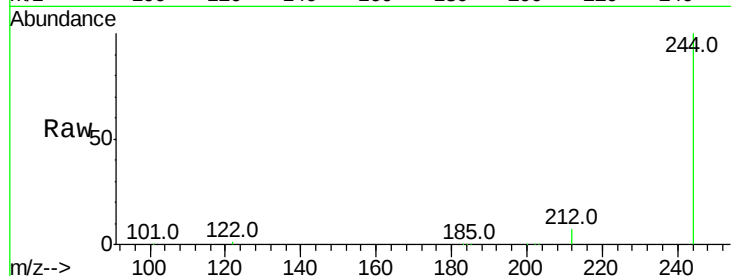
ClientSampleId :

WELDON-WC-SC-020

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	6.9	10.3#
122	1.0	11.0	16.4#

Manual Integrations
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umangi
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#30

Benzo(a)anthracene

Concen: 0.02 ng m

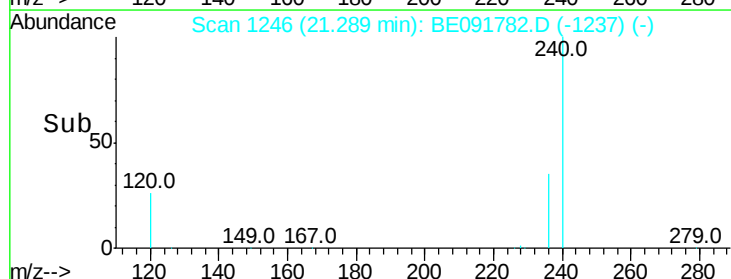
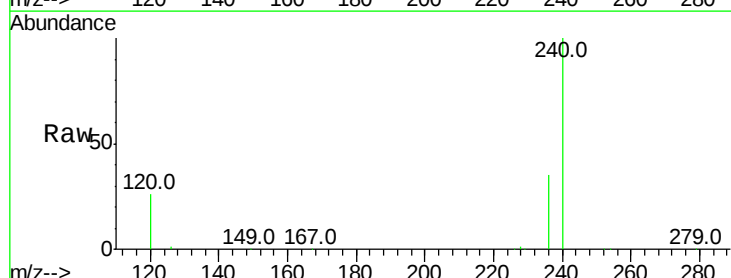
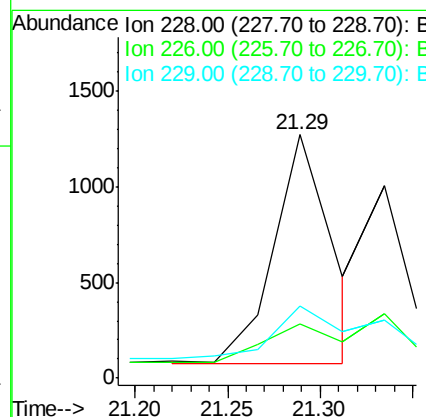
RT: 21.29 min Scan# 1246

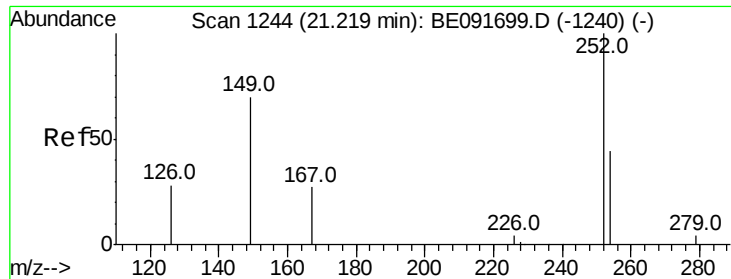
Delta R.T. 0.00 min

Lab File: BE091782.D

Acq: 16 May 2016 20:21

Tgt Ion	Ratio	Lower	Upper
228	100		
226	22.2	21.0	31.4
229	29.5	15.7	23.5#





#33

Bis(2-ethylhexyl)phthalate

Concen: 0.15 ng

RT: 21.20 min Scan# 1242

Delta R.T. -0.02 min

Lab File: BE091782.D

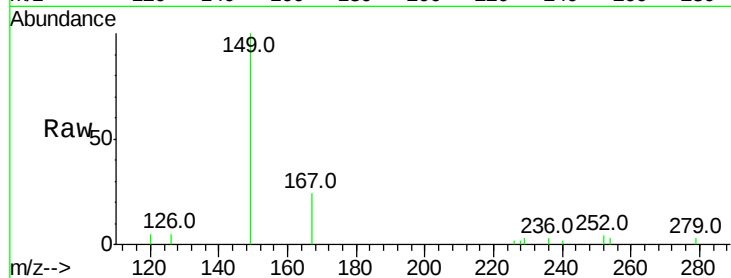
Acq: 16 May 2016 20:21

Instrument :

BNA_E

ClientSampleId :

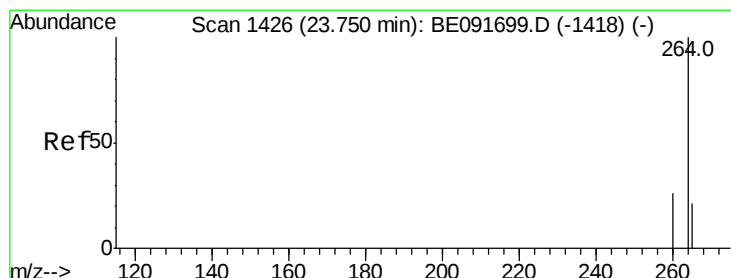
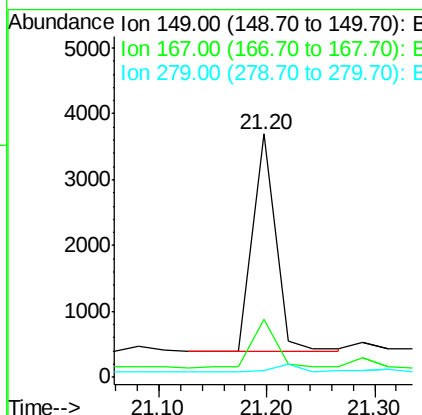
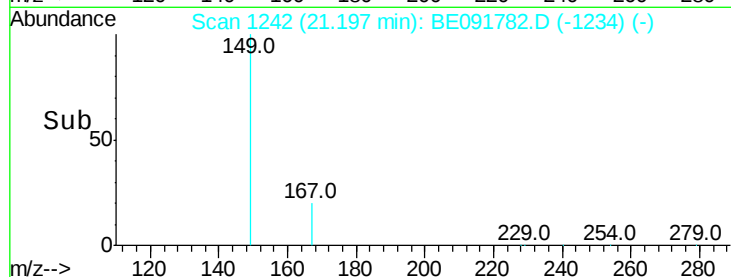
WELDON-WC-SC-020



Tot Ion:	149	Resp:	4928
Ion Ratio	Lower	Upper	
149	100		
167	23.8	19.5	29.3
279	0.0	10.0	15.0

Manual Integrations
APPROVED

umangi
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#35

Perylene-d12

Concen: 5.00 ng

RT: 23.75 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BE091782.D

Acq: 16 May 2016 20:21

Tgt Ion:	264	Resp:	442344
Ion Ratio	Lower	Upper	
264	100		
260	23.9	20.0	30.0
265	22.4	17.5	26.3

