

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE061516\
 Data File : BE091929.D
 Acq On : 15 Jun 2016 17:45
 Operator : UM/SJ
 Sample : PB91035BSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB91035BSD

Manual Integrations
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Quant Time: Jun 15 18:24:28 2016

Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061416.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Jun 15 12:00:38 2016

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	26874	5.00	ng	0.02
8) Naphthalene-d8	10.99	136	110894	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	69001	5.00	ng	0.00
24) Phenanthrene-d10	17.61	188	120432	5.00	ng	0.00
31) Chrysene-d12	21.76	240	190530	5.00	ng	0.00
40) Perylene-d12	24.16	264	141062	5.00	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	37788	7.19	ng	0.00
5) Phenol-d6	7.37	99	49290	5.75	ng	0.02
9) Nitrobenzene-d5	9.37	82	28355	3.70	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	10298	5.76	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	62590	3.57	ng	0.00
34) Terphenyl-d14	20.22	244	66438	2.85	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	9440	2.49	ng	# 83
3) n-Nitrosodimethylamine	3.82	42	14070	3.27	ng	# 93
6) bis(2-Chloroethyl)ether	7.63	93	25300	3.29	ng	97
7) n-Nitroso-di-n-propylamine	9.00	70	19511	2.70	ng	# 98
10) Nitrobenzene	9.40	77	28422	3.28	ng	# 100
11) bis(2-Chloroethoxy)methane	10.42	93	31203	3.22	ng	# 19
12) Naphthalene	11.04	128	79758	3.29	ng	# 94
13) Hexachlorobutadiene	11.34	225	13186	3.37	ng	99
14) 2-Methylnaphthalene	12.68	142	53765	3.27	ng	97
18) Acenaphthylene	14.56	152	237514	3.39	ng	# 61
19) 2,6-Dinitrotoluene	14.44	165	45760	3.08	ng	# 36
20) Acenaphthene	14.92	154	63135	3.27	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	45004	3.30	ng	# 85
22) Fluorene	15.90	166	58487	3.05	ng	100
23) 4-Chlorophenyl-phenylether	15.90	204	28063	2.97	ng	94
25) 4-Bromophenyl-phenylether	16.78	248	16119	3.46	ng	97
26) Hexachlorobenzene	16.90	284	16031	3.36	ng	94
27) Pentachlorophenol	17.25	266	11605	5.17	ng	# 82
28) Phenanthrene	17.64	178	97214	3.23	ng	99
29) Anthracene	17.73	178	88958	3.34	ng	100
30) Fluoranthene	19.65	202	361188	2.80	ng	# 85
32) Benzidine	19.83	184	5291	0.77	ng	96
33) Pyrene	20.02	202	403057	3.11	ng	# 75
35) Benzo(a)anthracene	21.73	228	113084m	3.78	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	9392	1.94	ng	# 59
37) Chrysene	21.79	228	147393m	3.37	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	73302	3.04	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.68	276	600079	4.01	ng	97
41) Benzo(b)fluoranthene	23.42	252	117210	3.24	ng	98
42) Benzo(k)fluoranthene	23.47	252	121134	3.66	ng	95
43) Benzo(a)pyrene	24.06	252	111661	3.53	ng	97
44) Dibenzo(a,h)anthracene	26.70	278	127142	4.13	ng	97
45) Benzo(g,h,i)perylene	27.45	276	521513	4.10	ng	96

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BNA_E
ClientSampleId :
PB91035BSD

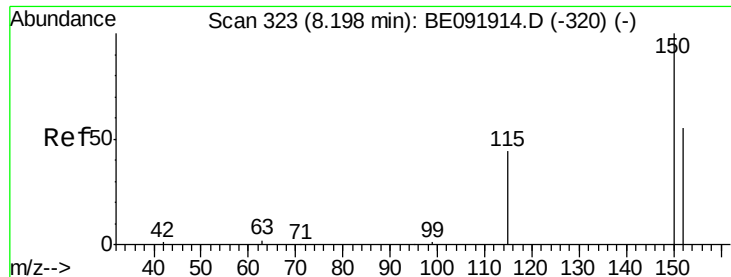
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Quant Time: Jun 15 18:24:28 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE061416.M
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.21 min Scan# 324

Delta R.T. 0.02 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Instrument :

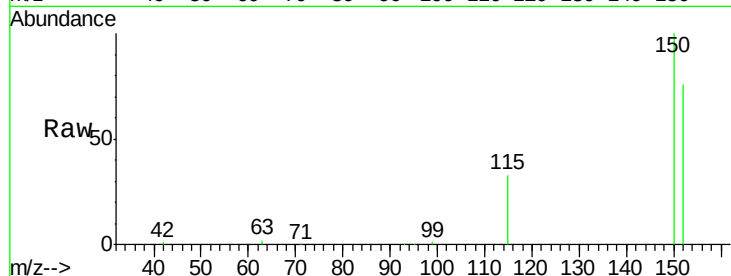
BNA_E

ClientSampleId :

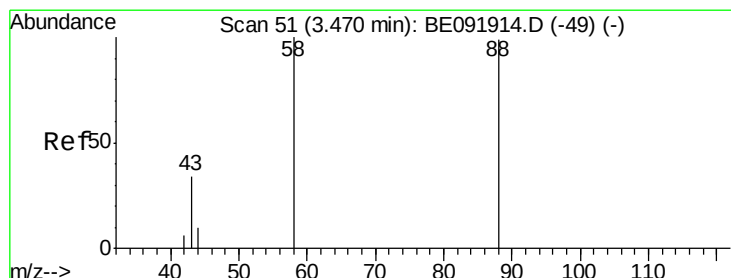
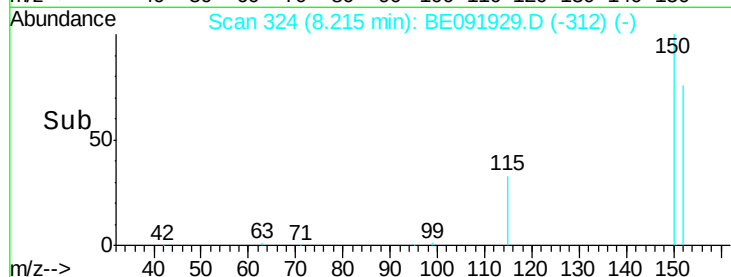
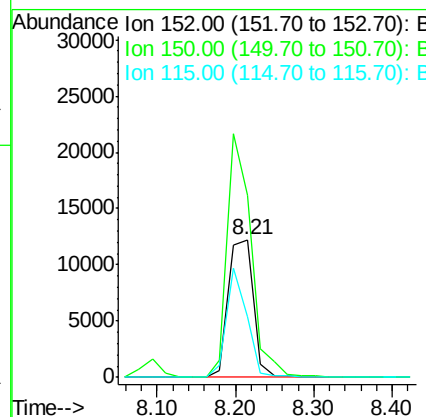
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Tgt Ion:	152	Resp:	26874
Ion Ratio	Lower	Upper	
152	100		
150	132.2	123.9	185.9
115	43.8	48.3	72.5#



#2

1,4-Dioxane

Concen: 2.49 ng

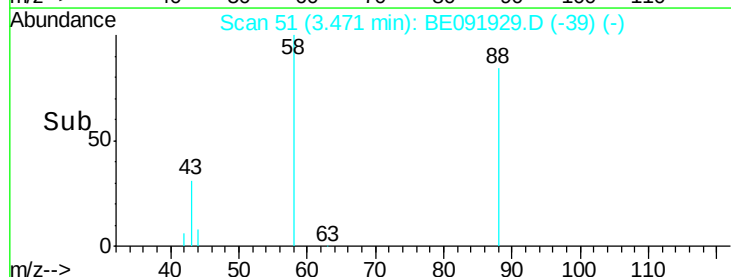
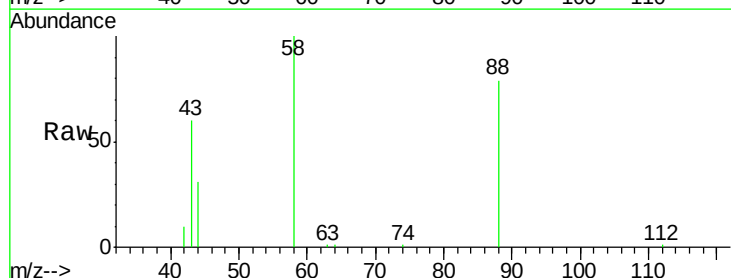
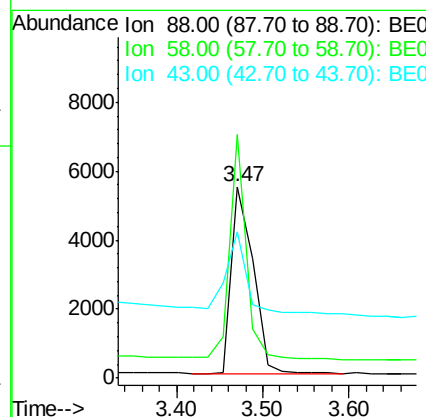
RT: 3.47 min Scan# 51

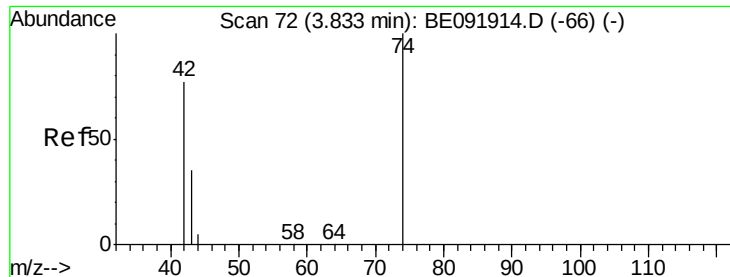
Delta R.T. 0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Tgt Ion:	88	Resp:	9440
Ion Ratio	Lower	Upper	
88	100		
58	91.7	63.0	94.4
43	49.0	29.1	43.7#





#3

n-Nitrosodimethylamine

Concen: 3.27 ng

RT: 3.82 min Scan# 71

Delta R.T. 0.02 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Instrument :

BNA_E

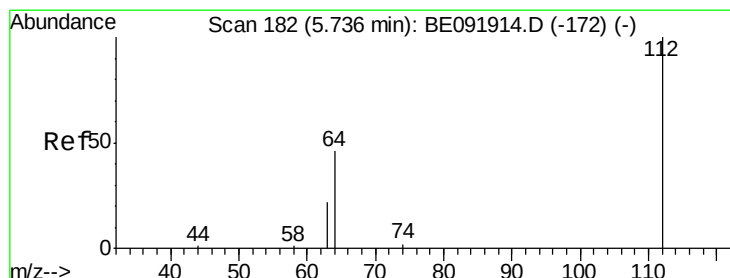
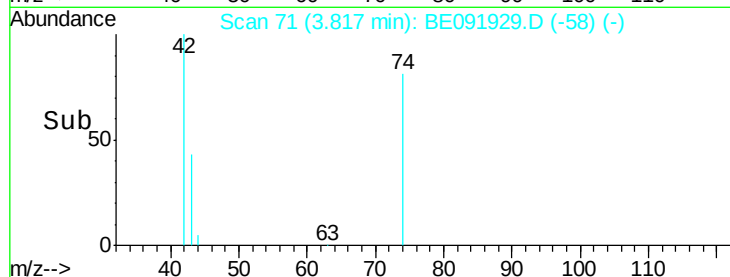
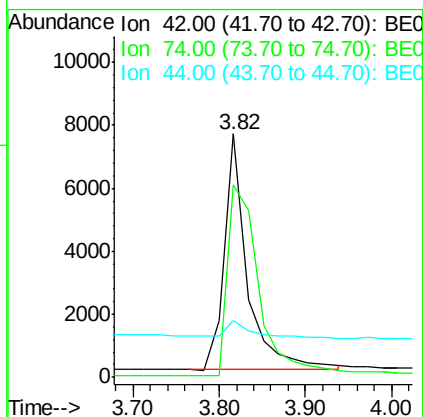
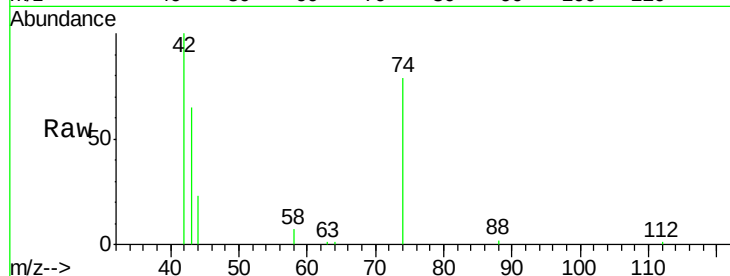
ClientSampleId :

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Tgt Ion:	42	Resp:	14070
Ion	Ratio	Lower	Upper
42	100		
74	108.7	93.4	140.0
44	8.5	5.0	7.6#



#4

2-Fluorophenol

Concen: 7.19 ng

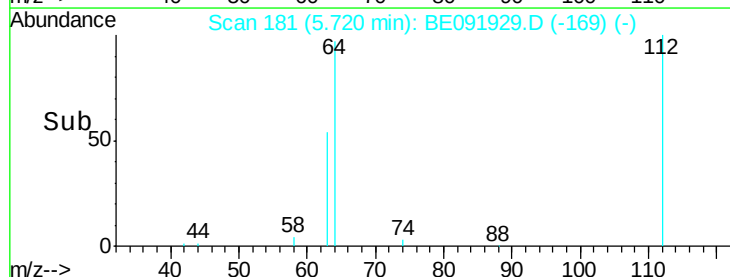
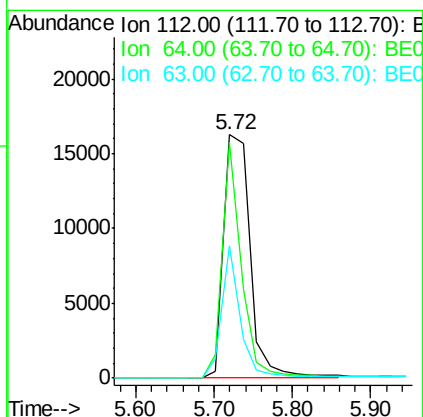
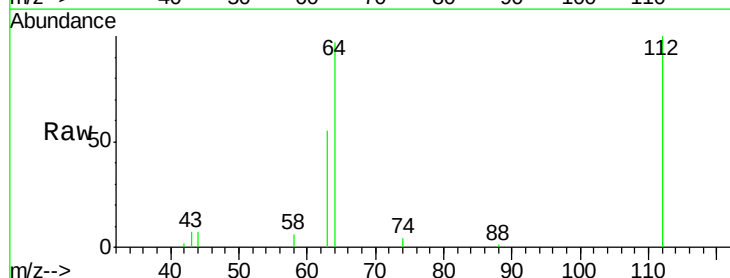
RT: 5.72 min Scan# 181

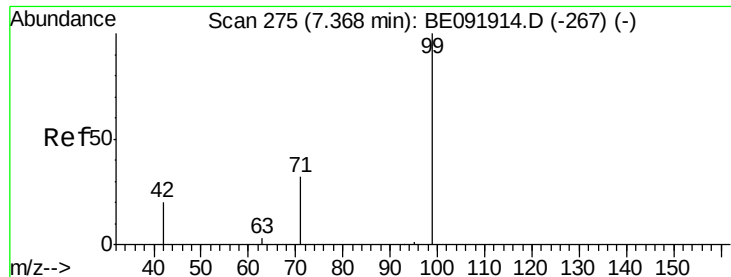
Delta R.T. 0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Tgt Ion:	112	Resp:	37788
Ion	Ratio	Lower	Upper
112	100		
64	69.0	53.7	80.5
63	37.4	29.5	44.3





#5

Phenol-d6

Concen: 5.75 ng

RT: 7.37 min Scan# 275

Delta R.T. 0.02 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Instrument :

BNA_E

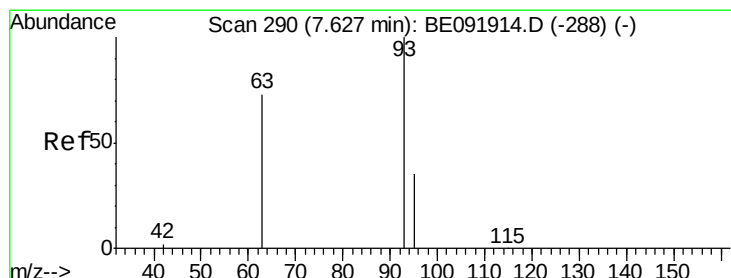
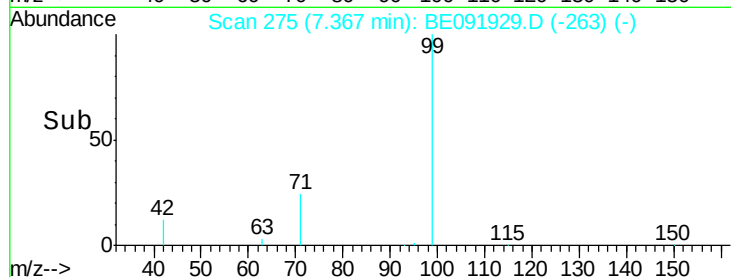
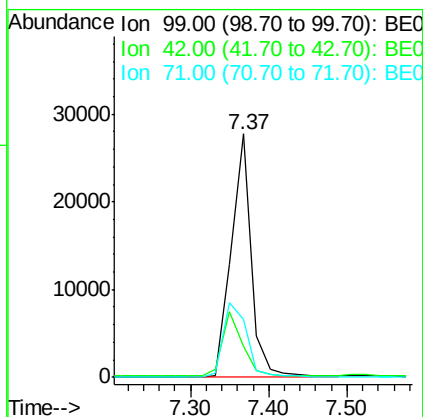
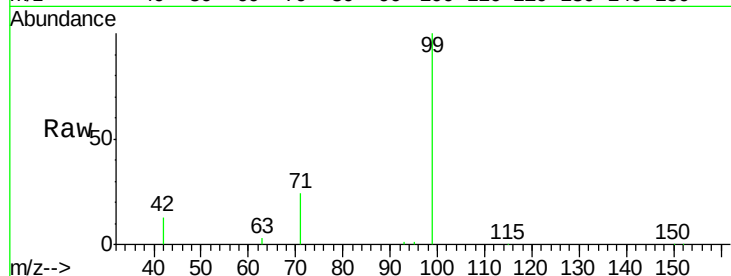
ClientSampleId :

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Tgt Ion:	99	Resp:	49290
Ion Ratio	Lower	Upper	
99	100		
42	26.4	19.6	29.4
71	35.4	28.1	42.1

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#6

bis(2-Chloroethyl)ether

Concen: 3.29 ng

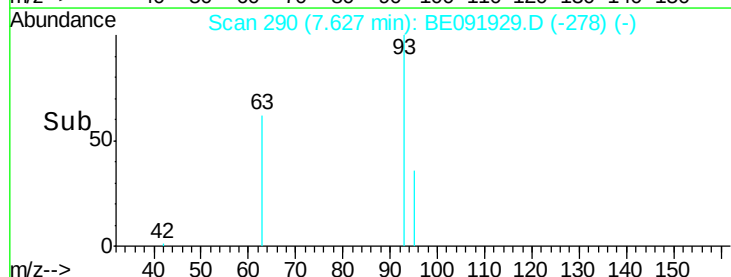
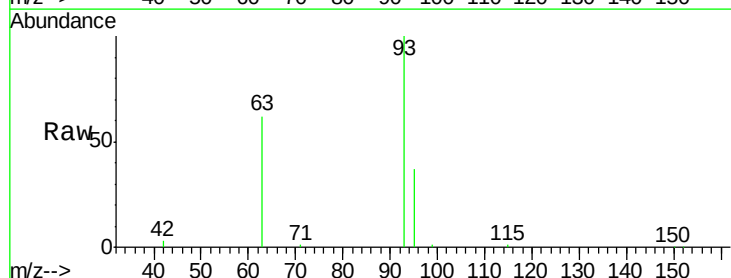
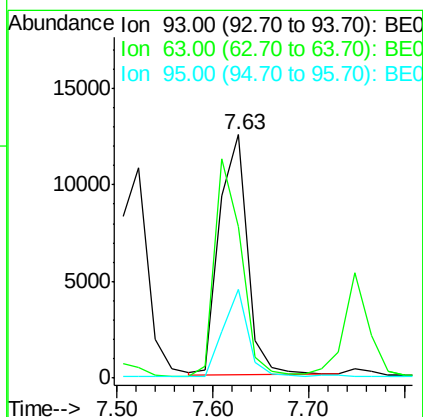
RT: 7.63 min Scan# 290

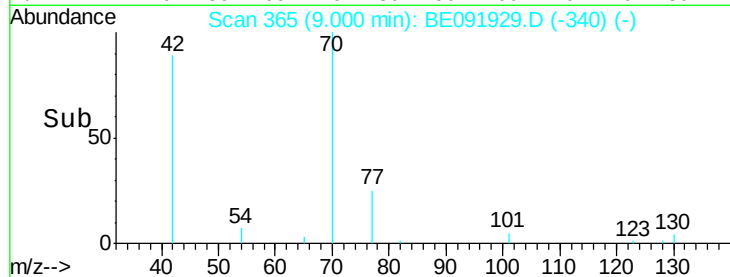
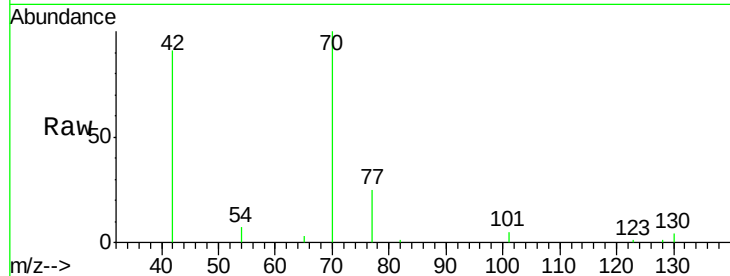
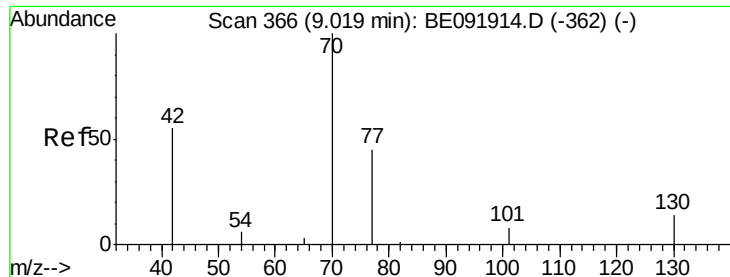
Delta R.T. 0.02 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Tgt Ion:	93	Resp:	25300
Ion Ratio	Lower	Upper	
93	100		
63	86.6	66.2	99.4
95	32.5	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 2.70 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Instrument :

BNA_E

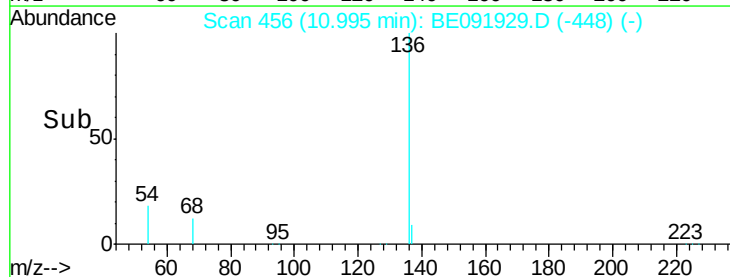
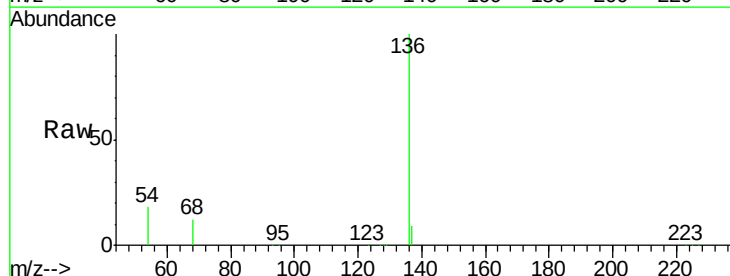
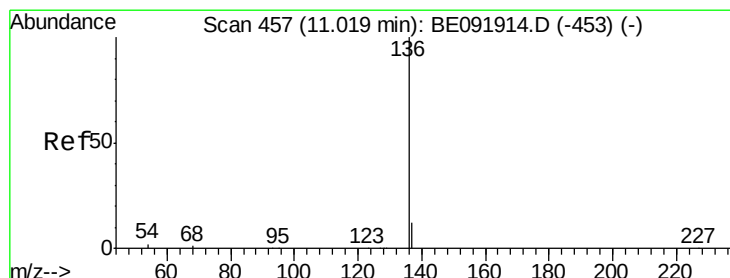
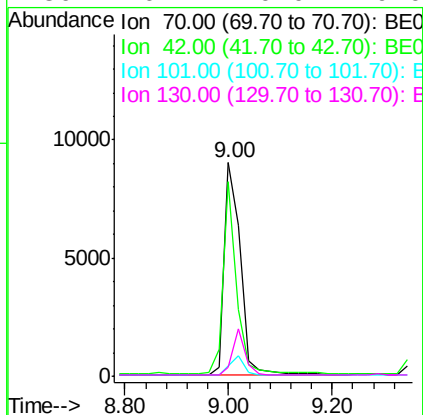
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
70	100		
42	74.8	58.4	87.6
101	8.2	6.4	9.6
130	16.7	0.0	0.0#



#8

Naphthalene-d8

Concen: 5.00 ng

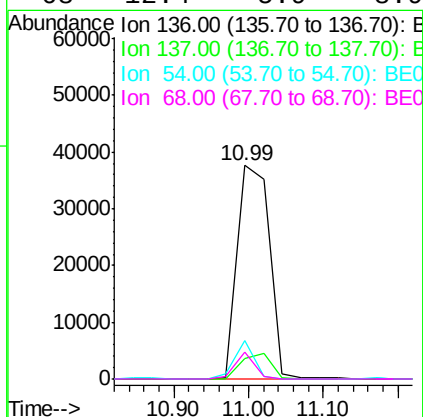
RT: 10.99 min Scan# 456

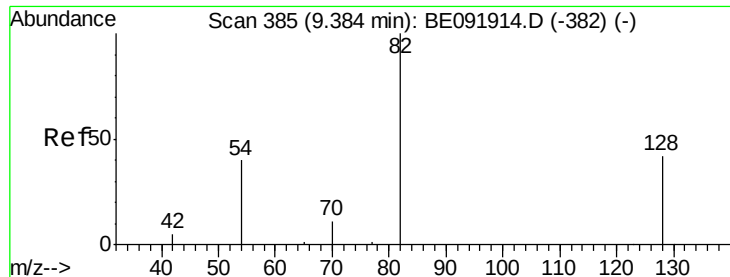
Delta R.T. 0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Tgt Ion	Ratio	Lower	Upper
136	100		
137	9.4	8.3	12.5
54	18.2	8.2	12.4#
68	12.4	5.9	8.9#





#9

Nitrobenzene-d5

Concen: 3.70 ng

RT: 9.37 min Scan# 384

Delta R.T. -0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Instrument :

BNA_E

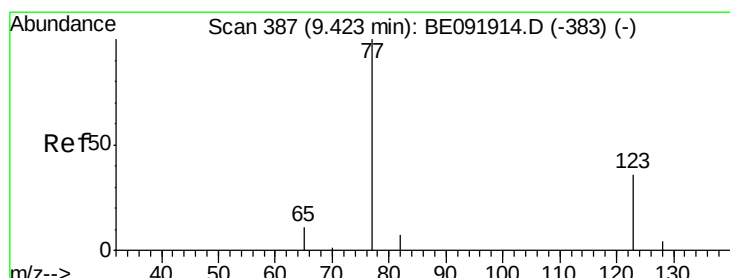
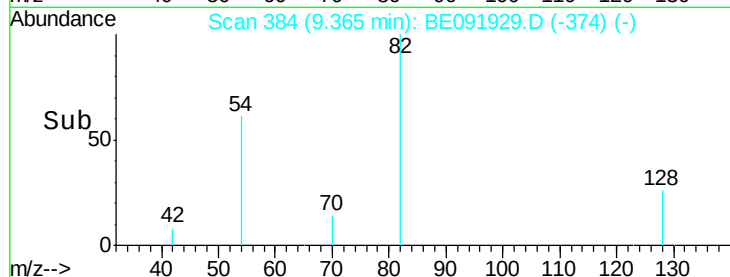
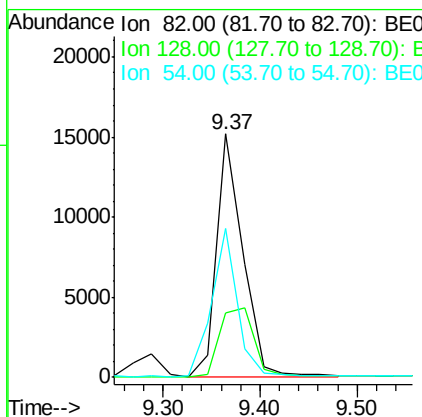
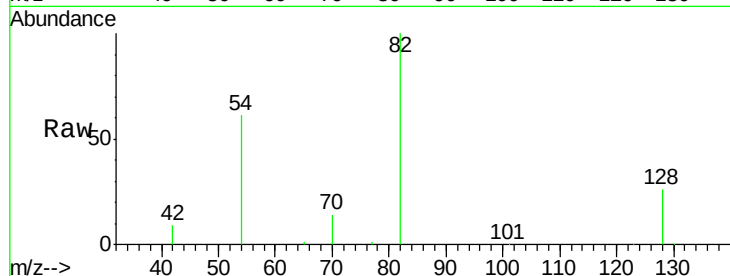
ClientSampleId :

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Tgt Ion	Ratio	Lower	Upper
82	100		
128	26.2	39.5	59.3#
54	61.4	30.3	45.5#

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#10

Nitrobenzene

Concen: 3.28 ng

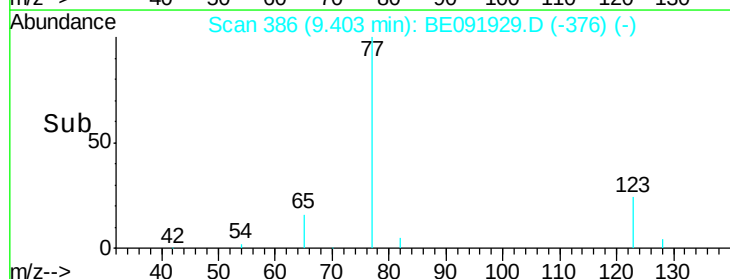
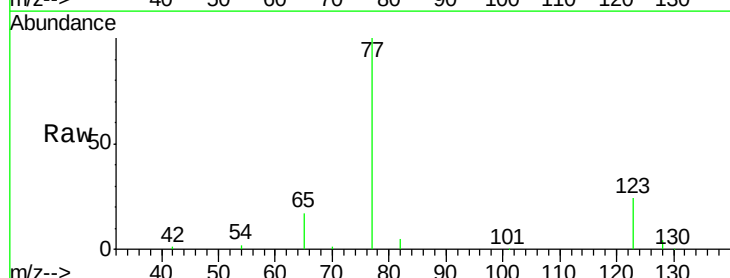
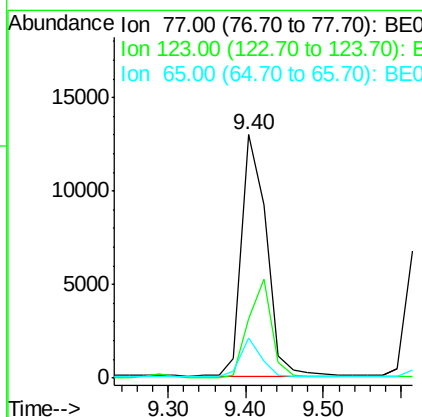
RT: 9.40 min Scan# 386

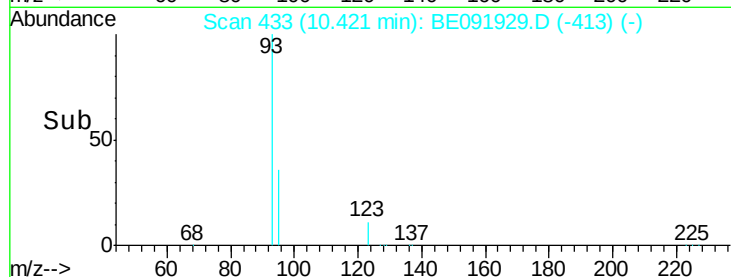
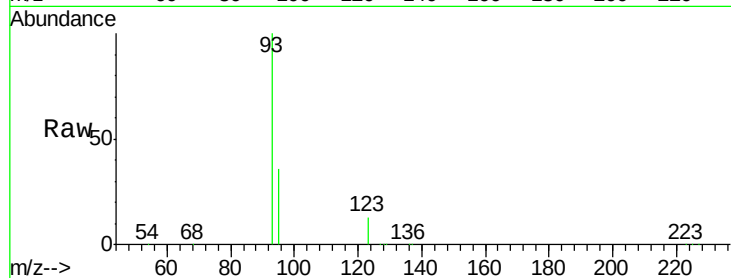
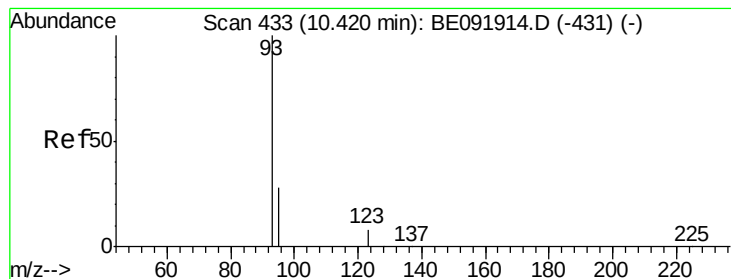
Delta R.T. -0.00 min

Lab File: BE091929.D

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Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.4	0.0	0.0#
65	14.0	11.1	16.7





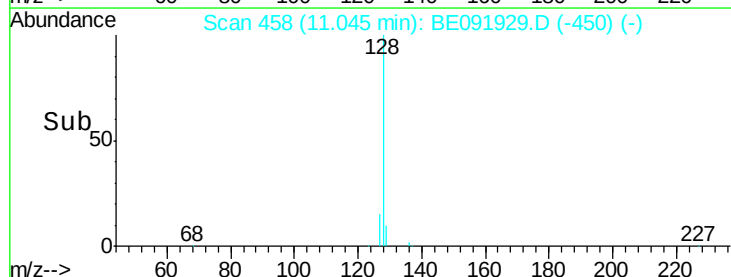
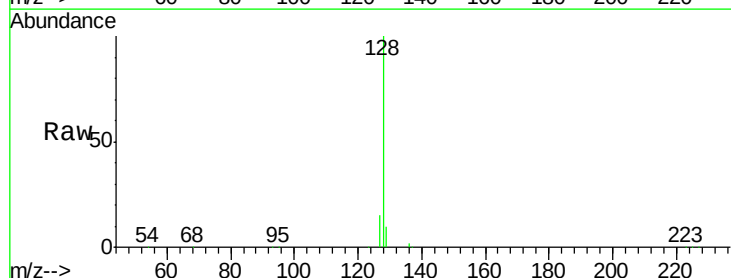
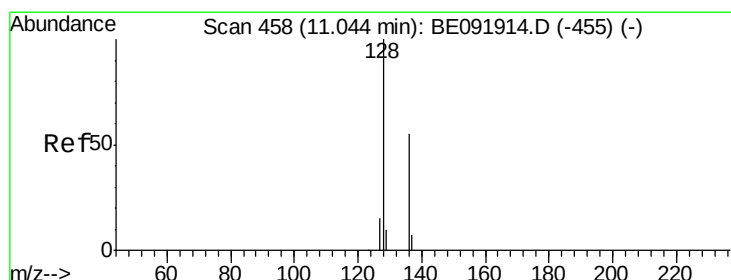
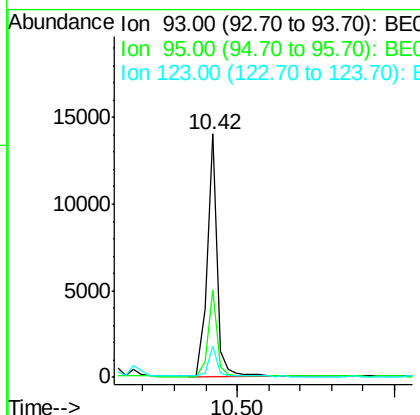
#11
bis(2-Chloroethoxy)methane
Concen: 3.22 ng
RT: 10.42 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Instrument :
BNA_E
ClientSampleId :
PB91035BSD

Tgt Ion: 93 Resp: 31203
Ion Ratio Lower Upper
93 100
95 32.9 57.6 86.4#
123 10.9 100.2 150.4#

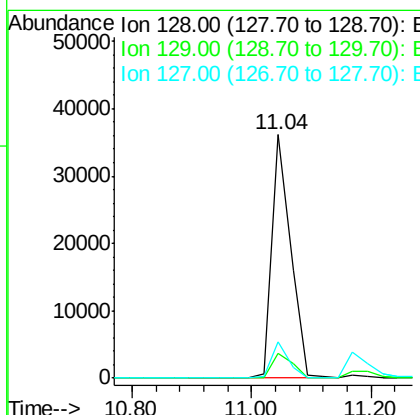
Manual Integrations
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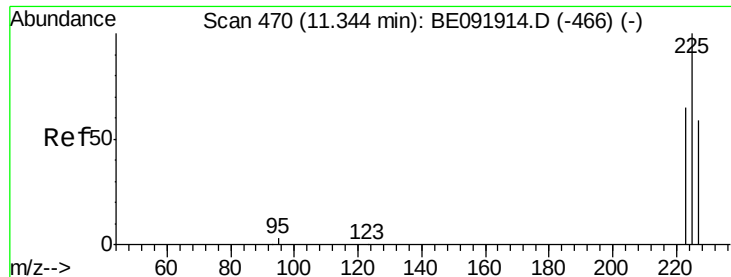
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#12
Naphthalene
Concen: 3.29 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Tgt Ion: 128 Resp: 79758
Ion Ratio Lower Upper
128 100
129 10.1 10.4 15.6#
127 14.8 10.2 15.2





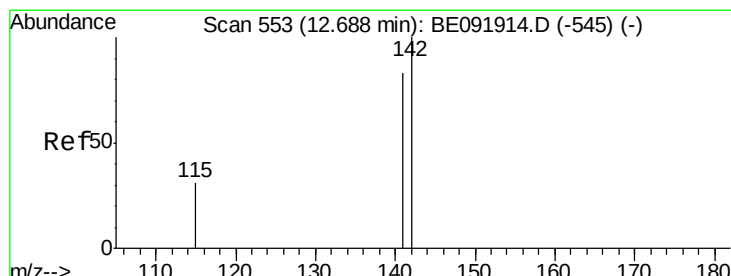
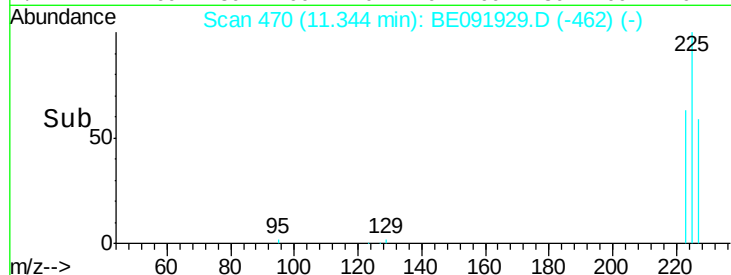
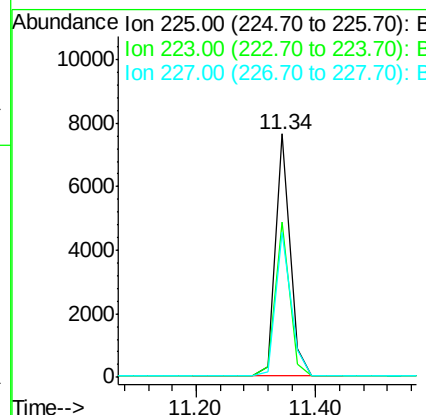
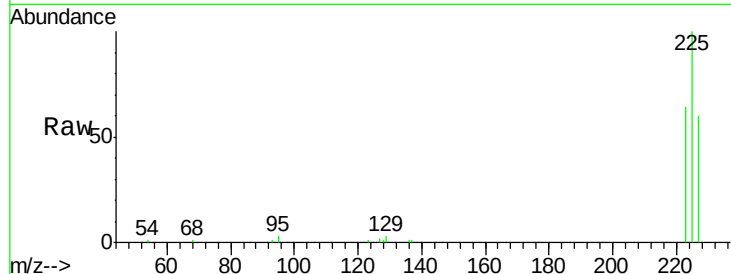
#13
Hexachlorobutadiene
Concen: 3.37 ng
RT: 11.34 min Scan# 470
Delta R.T. 0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Instrument :
BNA_E
ClientSampleId :
PB91035BSD

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.8	49.8	74.8
227	62.1	50.6	75.8

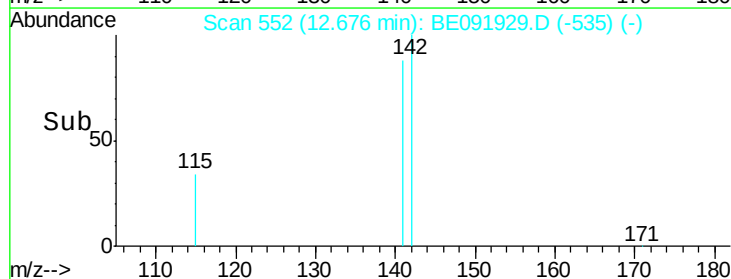
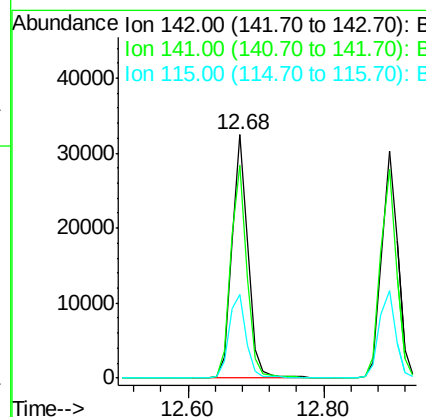
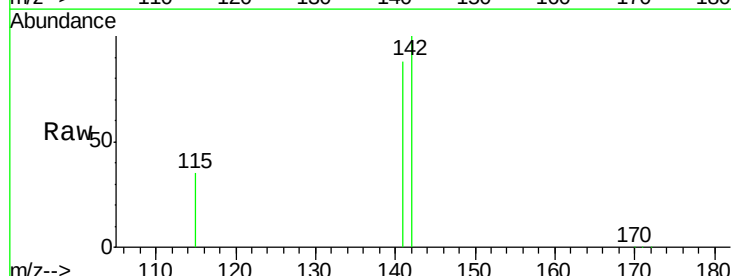
Manual Integrations
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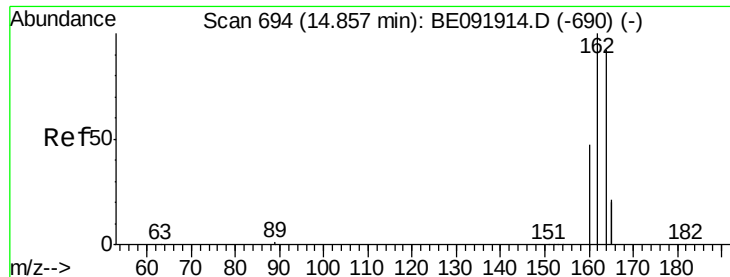
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#14
2-Methylnaphthalene
Concen: 3.27 ng
RT: 12.68 min Scan# 552
Delta R.T. 0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.9	107.9
115	34.5	29.9	44.9





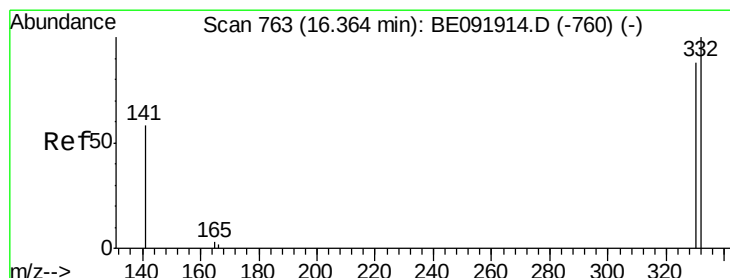
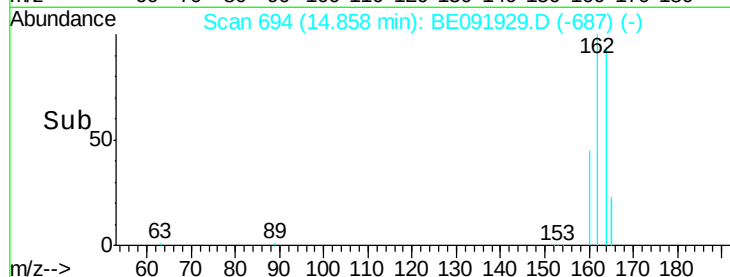
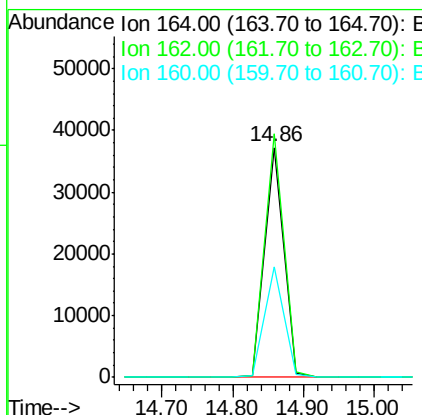
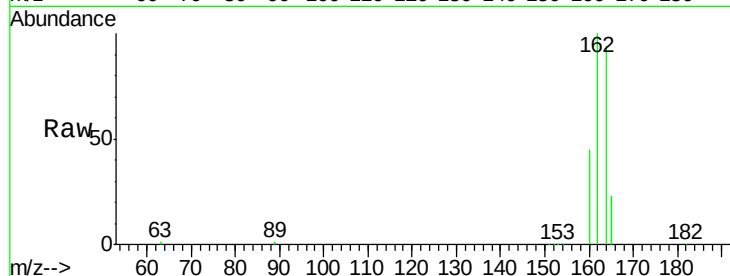
#15
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.86 min Scan# 694
Delta R.T. 0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Instrument :
BNA_E
ClientSampled :
PB91035BSD

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.9	71.8	107.8
160	48.0	28.0	42.0

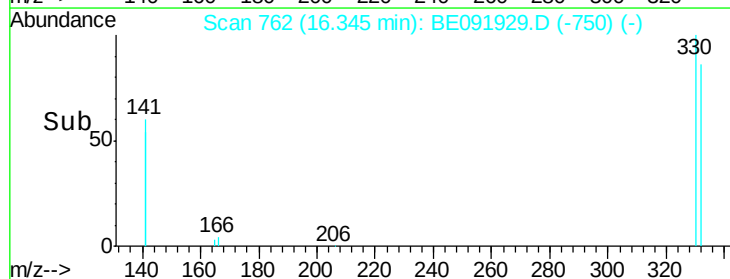
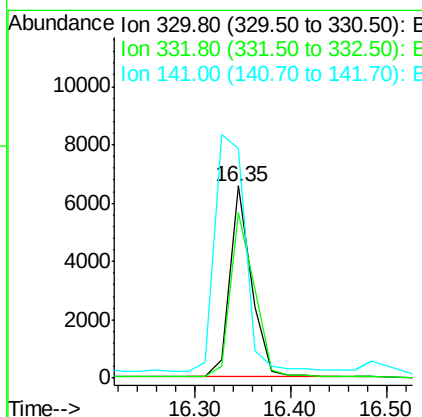
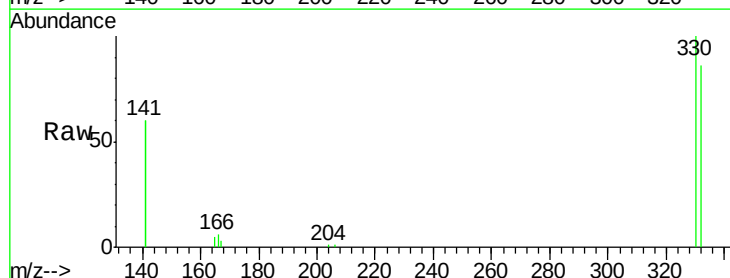
Manual Integrations
APPROVED

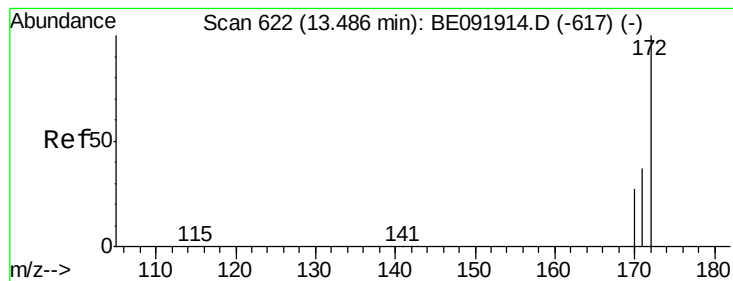
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#16
2,4,6-Tribromophenol
Concen: 5.76 ng
RT: 16.35 min Scan# 762
Delta R.T. -0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	171.8	138.4	207.6





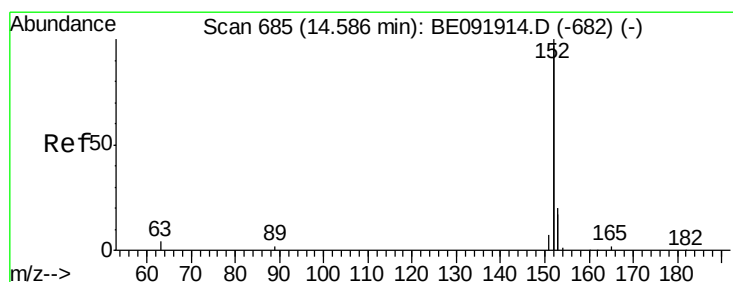
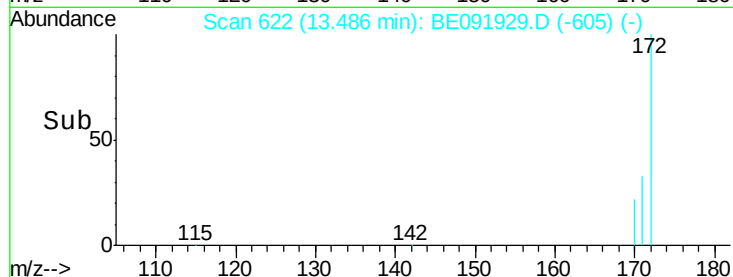
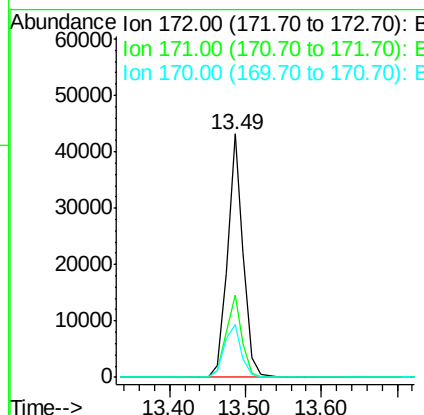
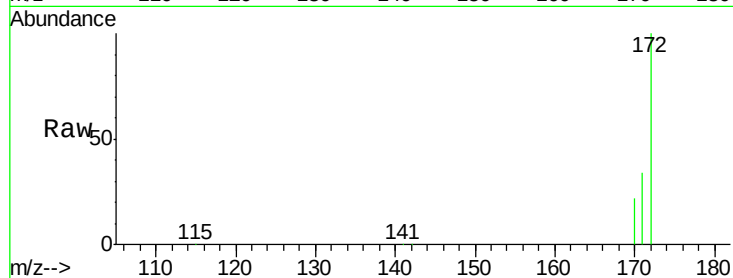
#17
2-Fluorobiphenyl
Concen: 3.57 ng
RT: 13.49 min Scan# 622
Delta R.T. 0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Instrument :
BNA_E
ClientSampleId :
PB91035BSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	24.3	36.5
170	21.9	14.9	22.3

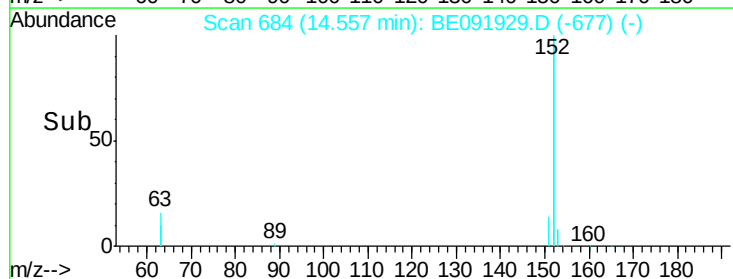
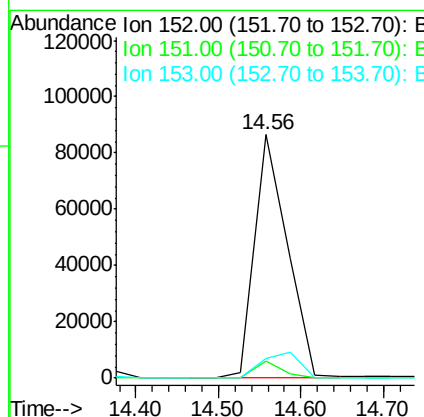
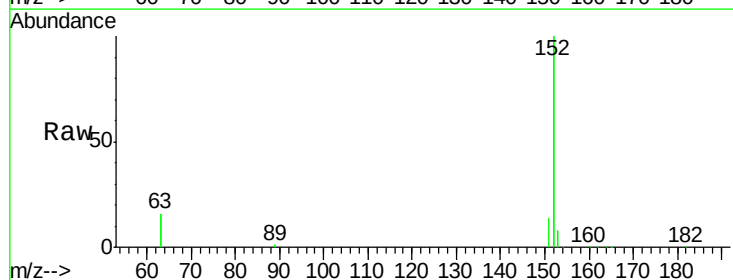
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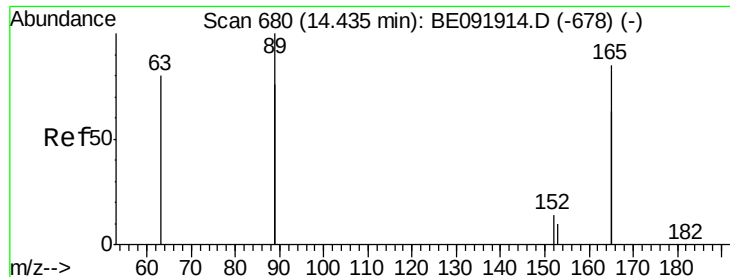
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#18
Acenaphthylene
Concen: 3.39 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Tgt Ion	Ratio	Lower	Upper
152	100		
151	5.6	19.4	29.2#
153	0.0	14.4	21.6#





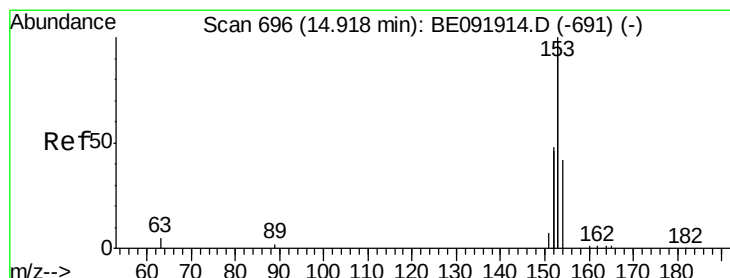
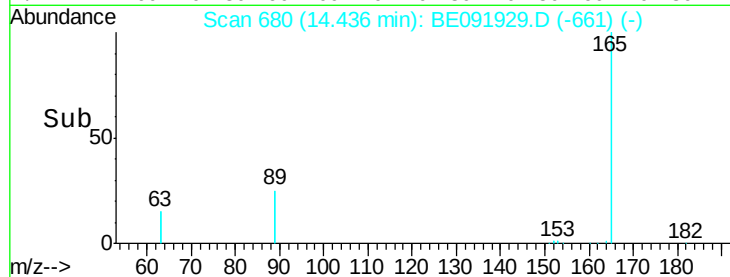
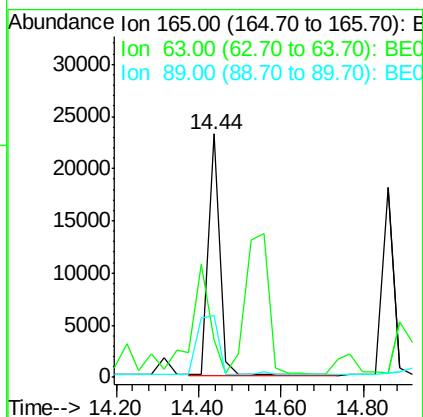
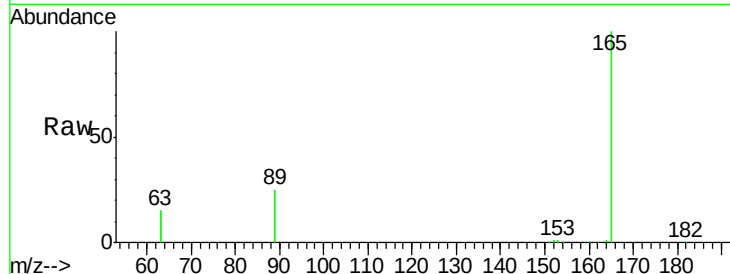
#19
2,6-Dinitrotoluene
Concen: 3.08 ng
RT: 14.44 min Scan# 680
Delta R.T. 0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Instrument :
BNA_E
ClientSampleId :
PB91035BSD

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	65.9	98.9#
89	45.9	59.1	88.7#

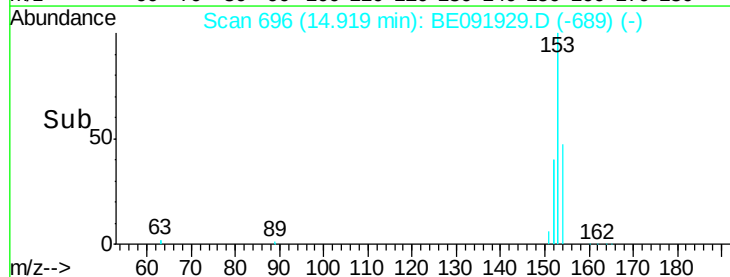
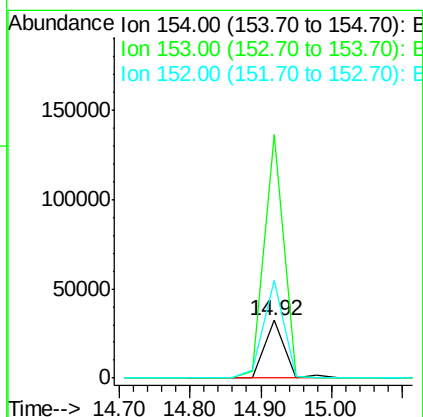
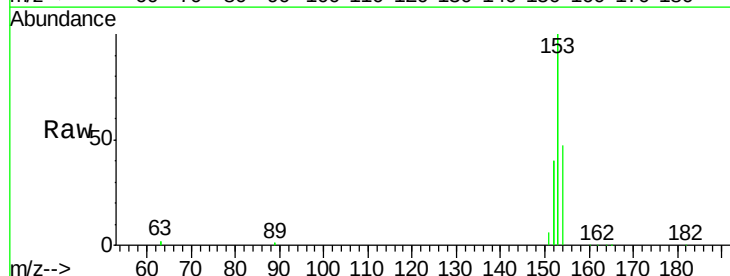
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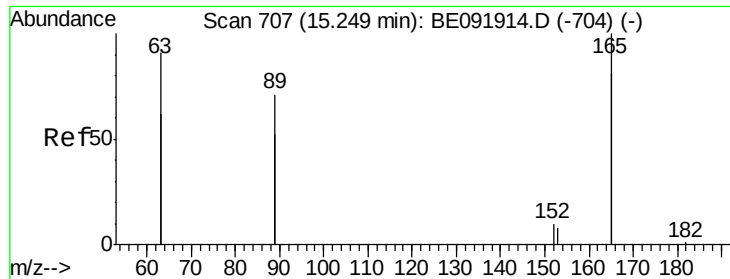
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#20
Acenaphthene
Concen: 3.27 ng
RT: 14.92 min Scan# 696
Delta R.T. 0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Tgt Ion	Ratio	Lower	Upper
154	100		
153	403.8	88.1	132.1#
152	171.7	44.2	66.2#





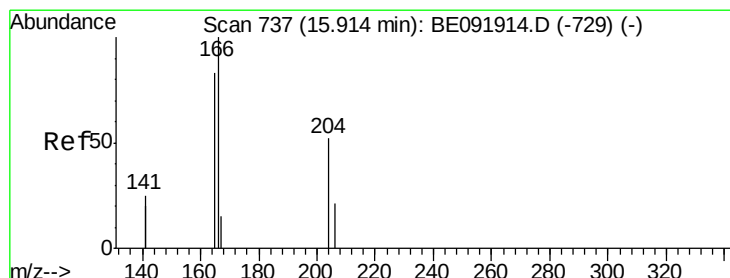
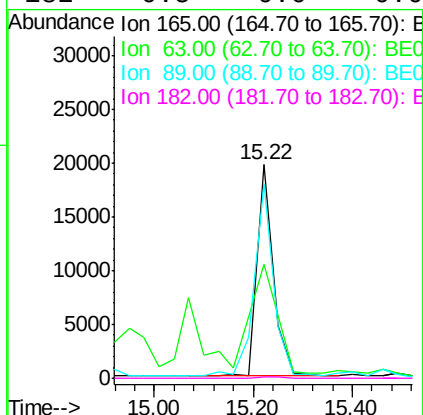
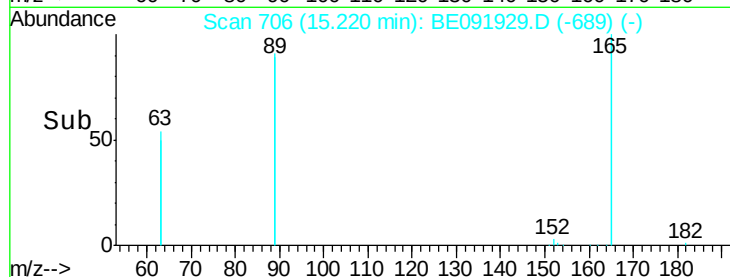
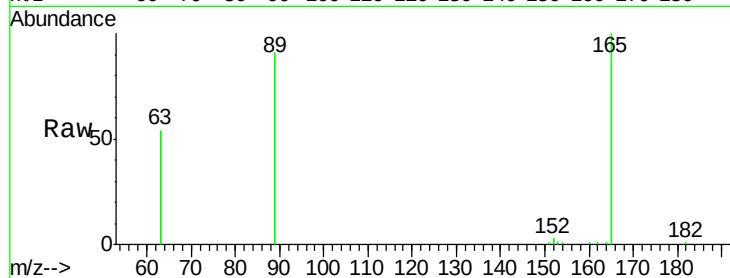
#21
2,4-Dinitrotoluene
Concen: 3.30 ng
RT: 15.22 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Instrument :
BNA_E
ClientSampleId :
PB91035BSD

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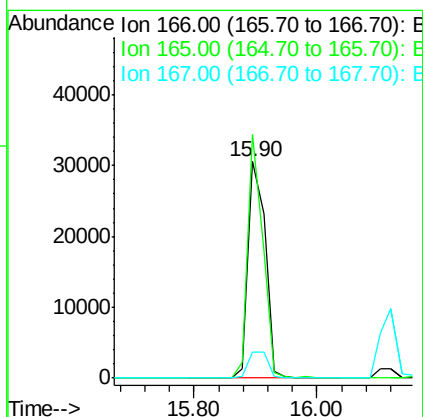
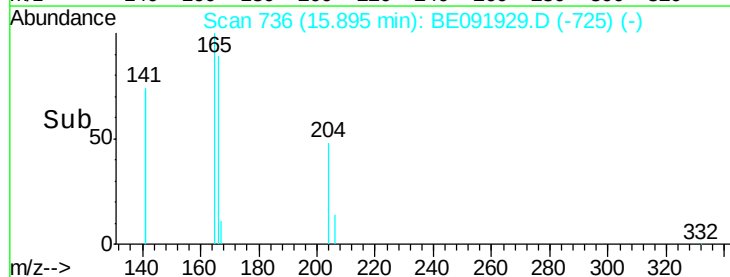
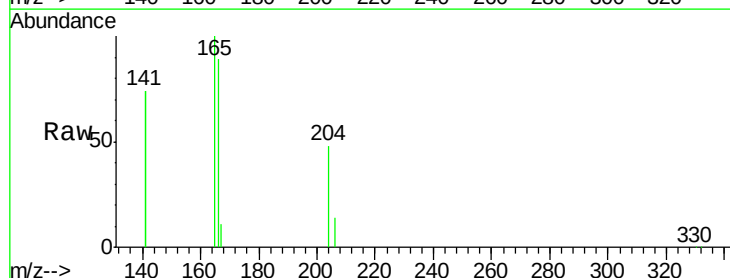
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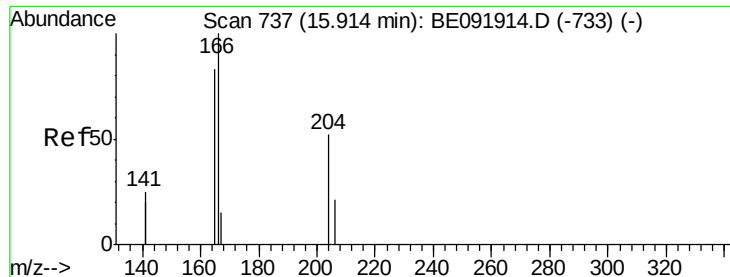
Tgt Ion	Ratio	Lower	Upper
165	100		
63	84.8	0.0	0.0#
89	107.7	99.8	149.8
182	0.5	0.0	0.0#



#22
Fluorene
Concen: 3.05 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.6	117.8
167	13.6	10.8	16.2





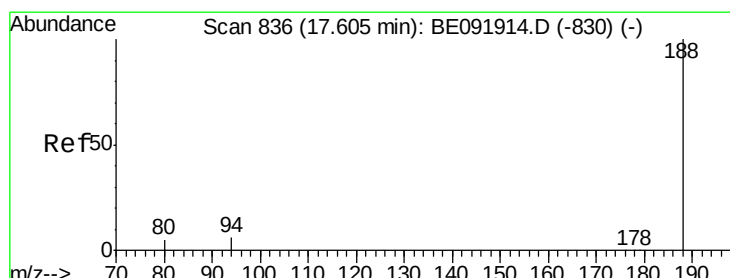
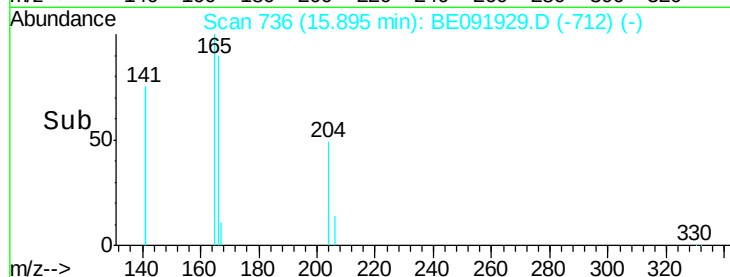
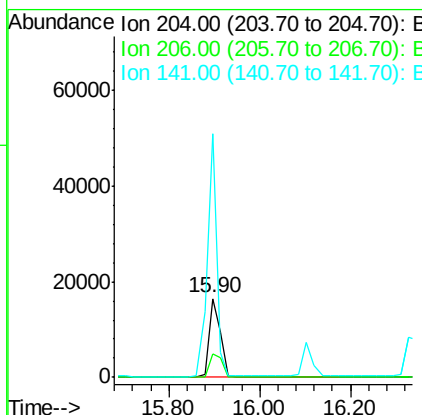
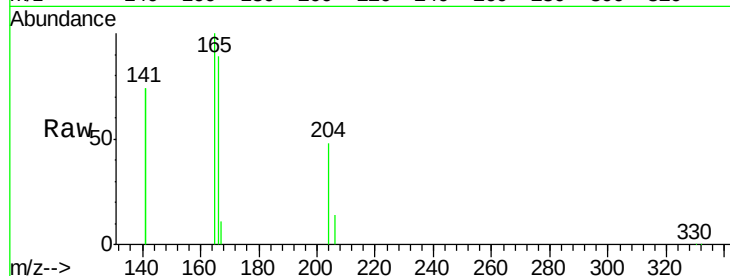
#23
4-Chlorophenyl-phenylether
Concen: 2.97 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Instrument :
BNA_E
ClientSampleId :
PB91035BSD

Tgt Ion: 204 Resp: 28063
Ion Ratio Lower Upper
204 100
206 34.3 27.8 41.6
141 258.7 197.6 296.4

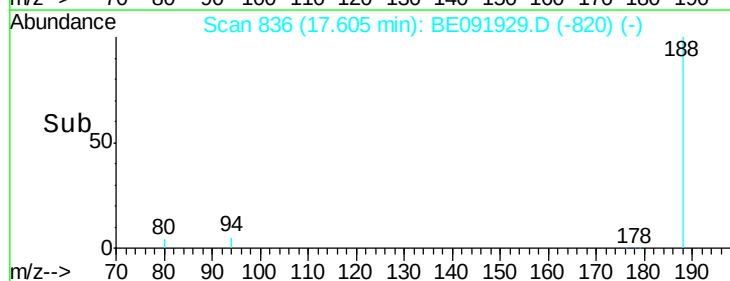
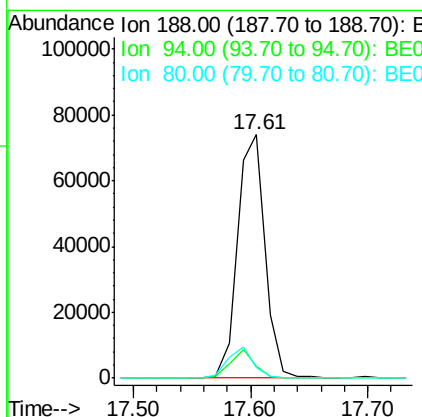
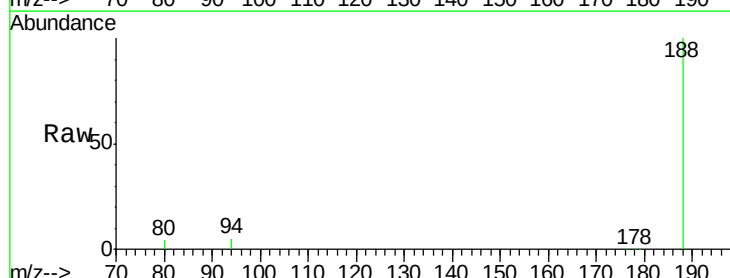
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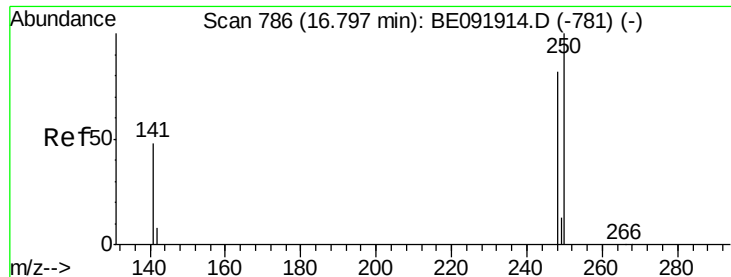
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.61 min Scan# 836
Delta R.T. -0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Tgt Ion: 188 Resp: 120432
Ion Ratio Lower Upper
188 100
94 5.0 4.1 6.1
80 4.2 3.4 5.2





#25

4-Bromophenyl-phenylether

Concen: 3.46 ng

RT: 16.78 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Instrument :

BNA_E

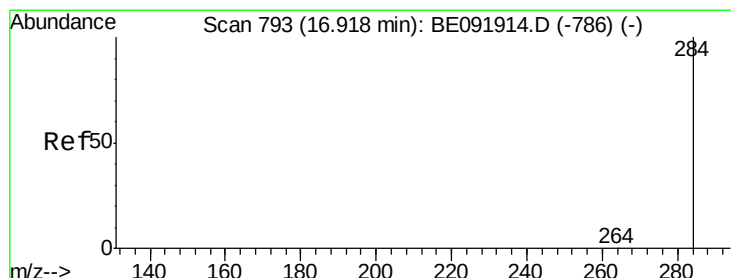
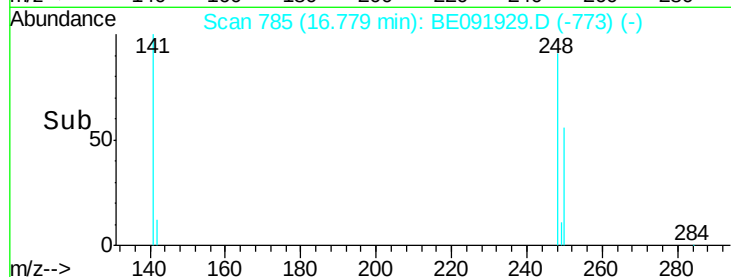
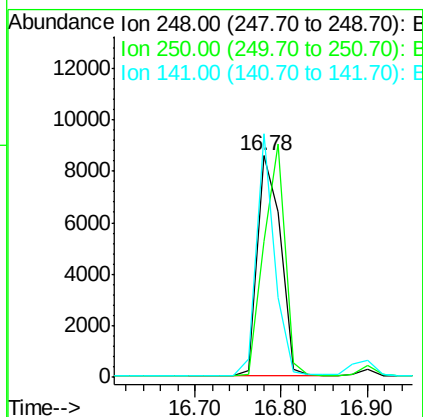
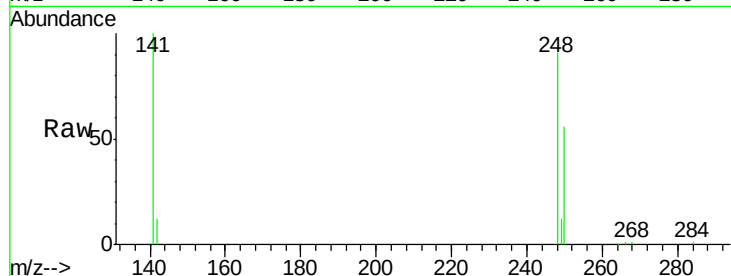
ClientSampleId :

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Tgt Ion:	248	Resp:	16119
Ion Ratio	Lower	Upper	
248	100		
250	96.3	75.7	113.5
141	85.6	64.6	97.0



#26

Hexachlorobenzene

Concen: 3.36 ng

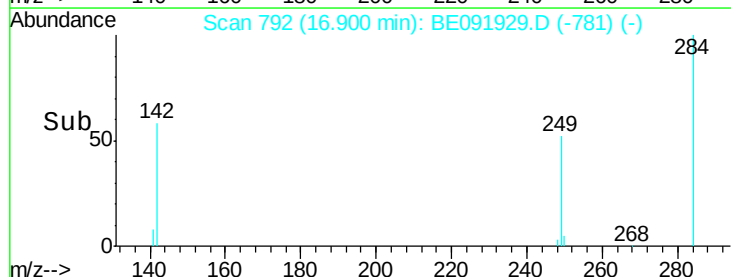
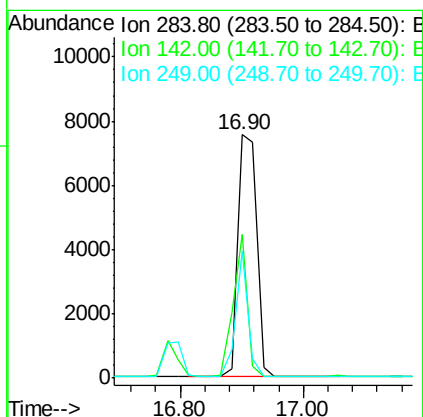
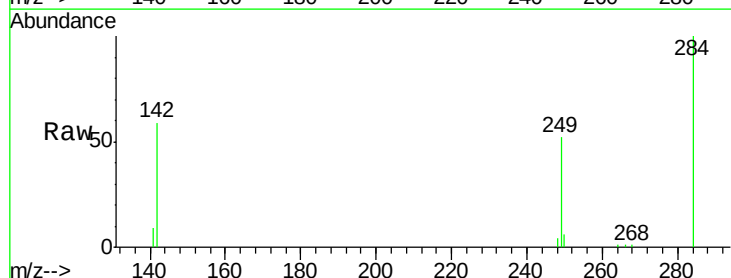
RT: 16.90 min Scan# 792

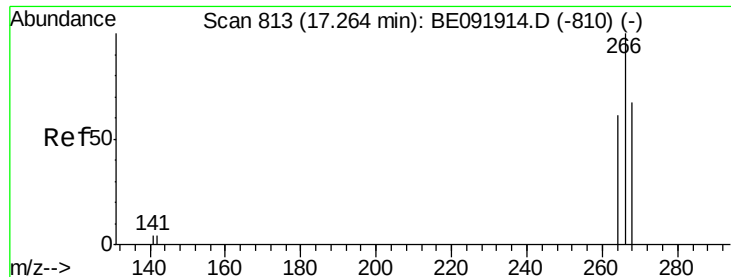
Delta R.T. -0.02 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Tgt Ion:	284	Resp:	16031
Ion Ratio	Lower	Upper	
284	100		
142	43.7	31.4	47.2
249	34.3	25.3	37.9





#27

Pentachlorophenol

Concen: 5.17 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.00 min

Lab File: BE091929.D

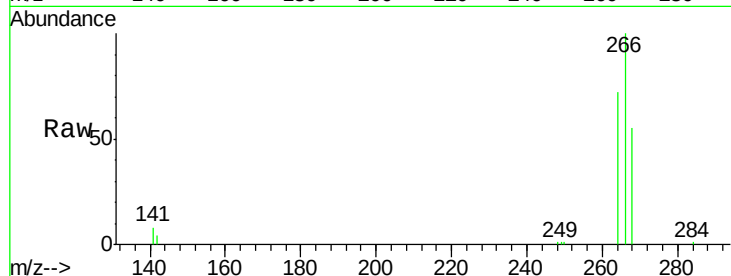
Acq: 15 Jun 2016 17:45

Instrument :

BNA_E

ClientSampleId :

PB91035BSD



Tgt Ion:266 Resp: 11605

Ion Ratio Lower Upper

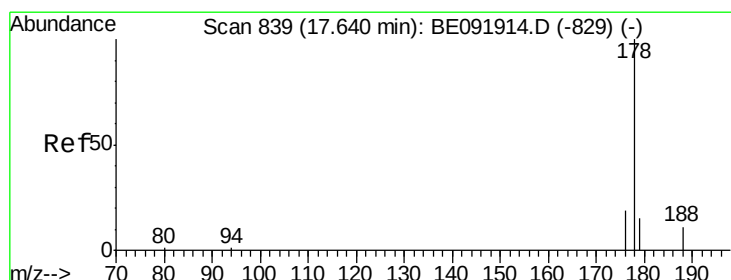
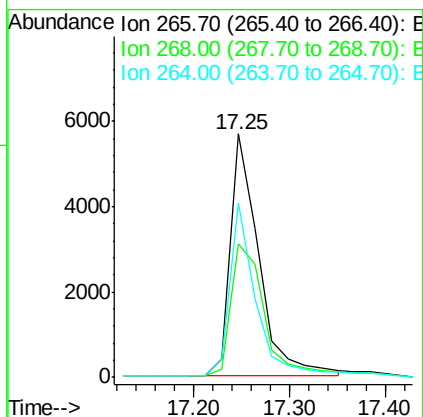
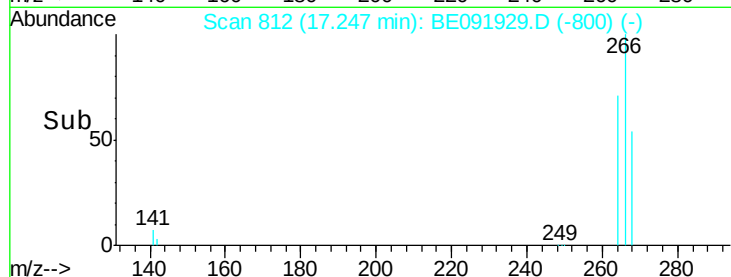
266 100

268 54.7 60.5 90.7#

264 71.5 51.0 76.4

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#28

Phenanthrene

Concen: 3.23 ng

RT: 17.64 min Scan# 839

Delta R.T. -0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

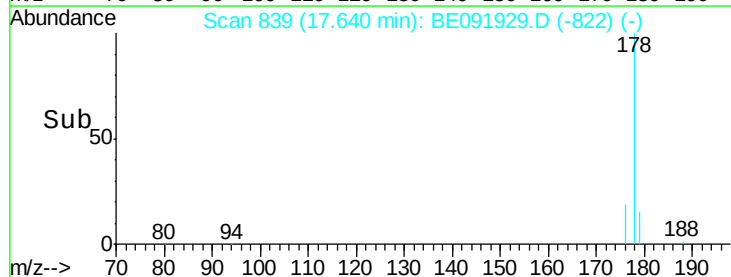
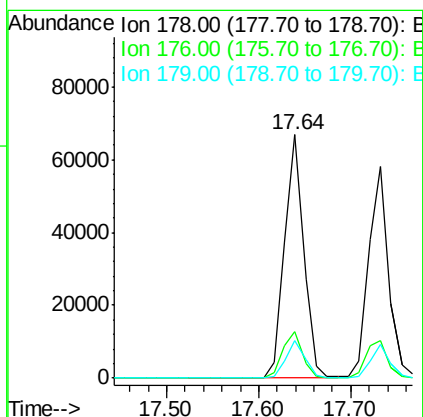
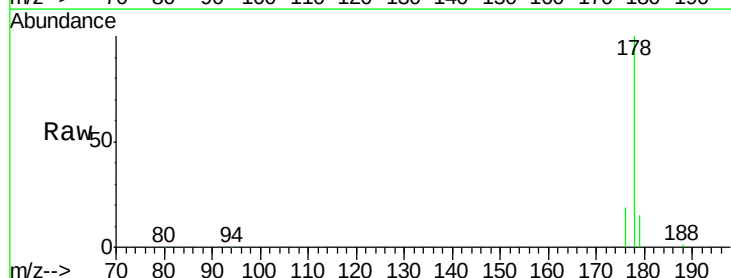
Tgt Ion:178 Resp: 97214

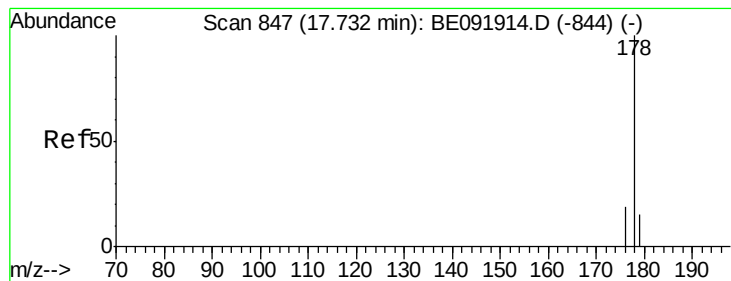
Ion Ratio Lower Upper

178 100

176 19.5 15.4 23.2

179 15.5 12.9 19.3





#29

Anthracene

Concen: 3.34 ng

RT: 17.73 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Instrument :

BNA_E

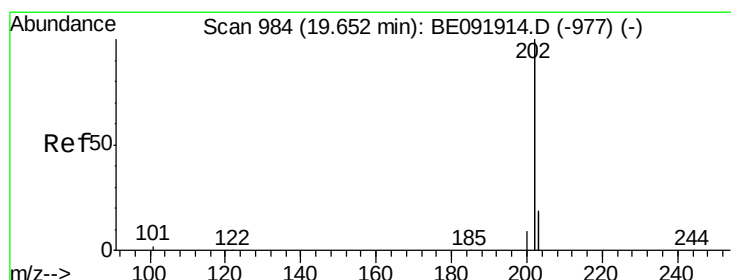
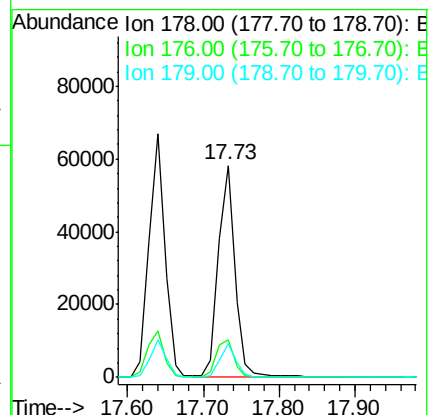
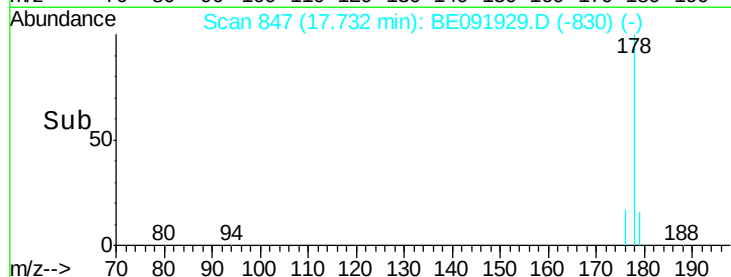
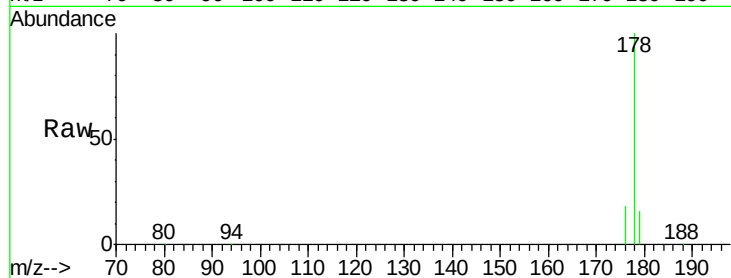
ClientSampleId :

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Tgt Ion:	178	Resp:	88958
Ion Ratio	Lower	Upper	
178	100		
176	19.0	15.1	22.7
179	15.4	12.1	18.1



#30

Fluoranthene

Concen: 2.80 ng

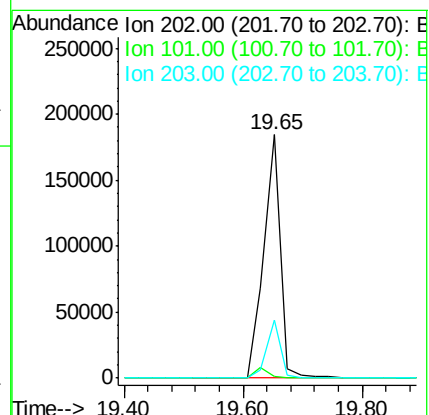
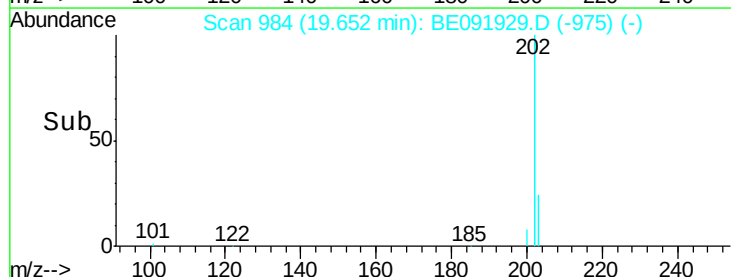
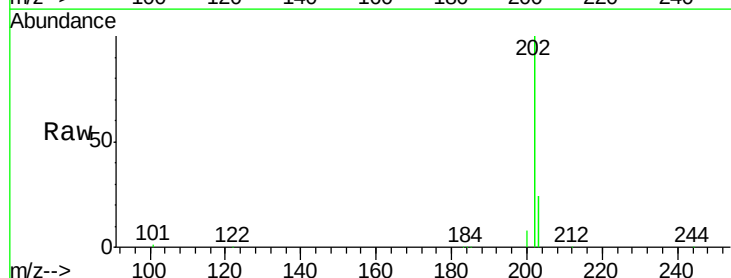
RT: 19.65 min Scan# 984

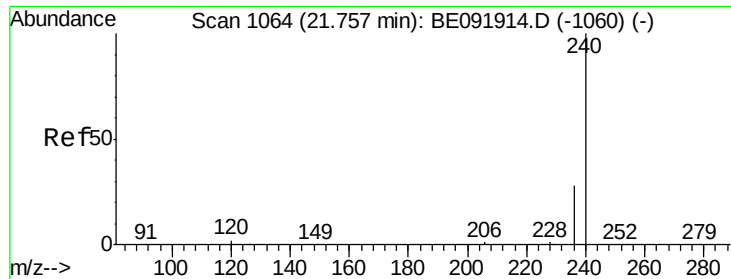
Delta R.T. 0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Tgt Ion:	202	Resp:	361188
Ion Ratio	Lower	Upper	
202	100		
101	0.0	9.4	14.0#
203	19.9	14.3	21.5





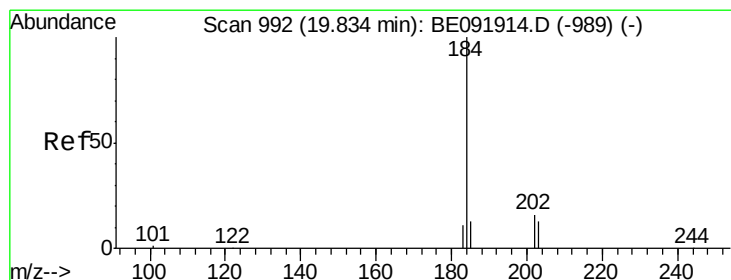
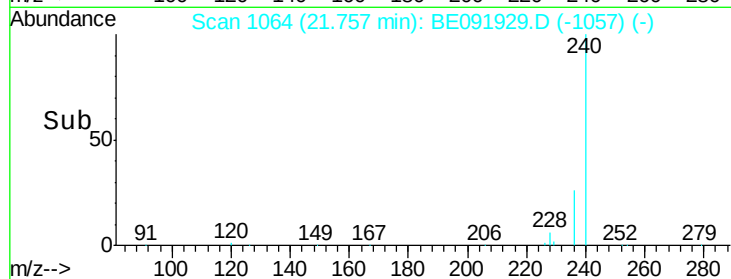
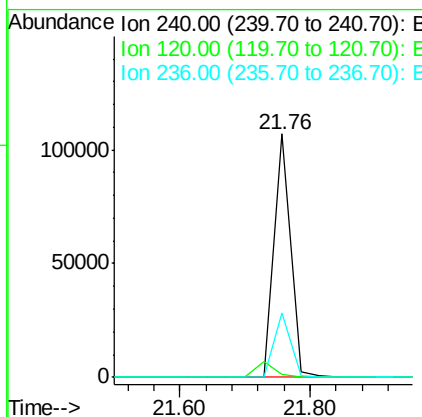
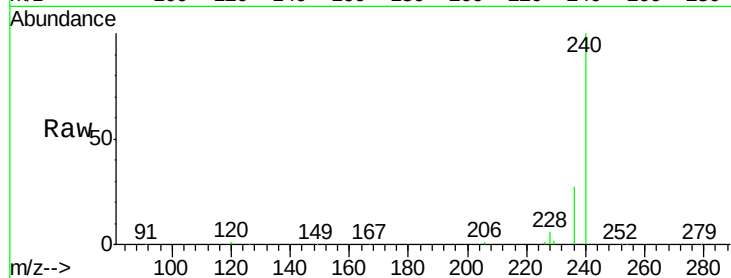
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Instrument :
BNA_E
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
240	100	190530		
120	1.3		1.2	1.8
236	26.5		19.8	29.8

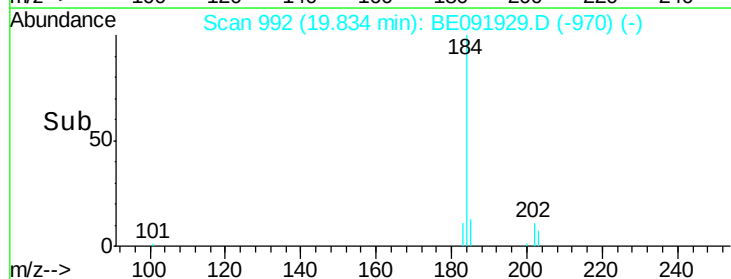
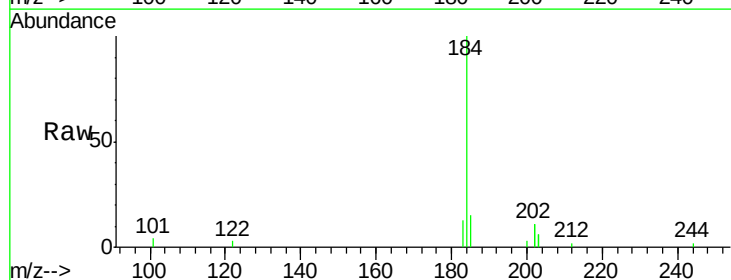
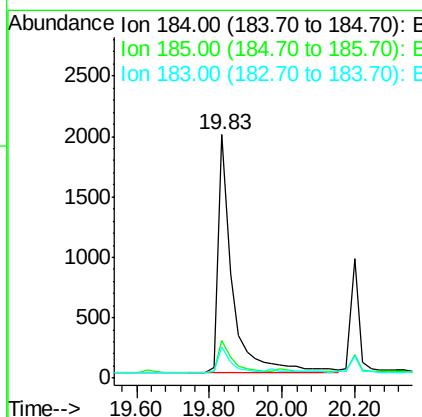
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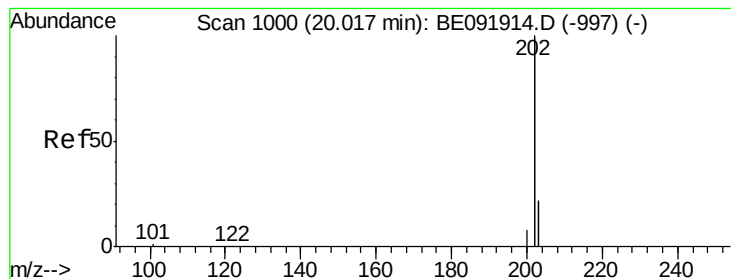
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#32
Benzidine
Concen: 0.77 ng
RT: 19.83 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE091929.D
Acq: 15 Jun 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
184	100	5291		
185	15.4		11.4	17.2
183	13.0		11.8	17.6





#33

Pyrene

Concen: 3.11 ng

RT: 20.02 min Scan# 1000

Delta R.T. 0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Instrument :

BNA_E

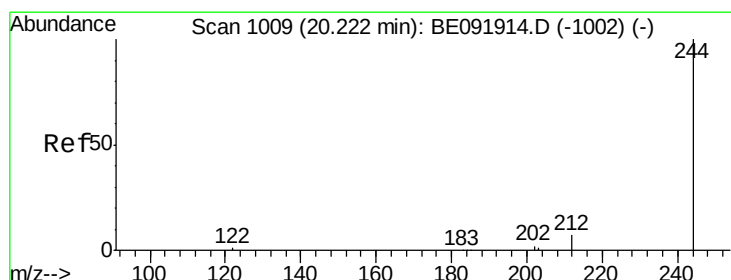
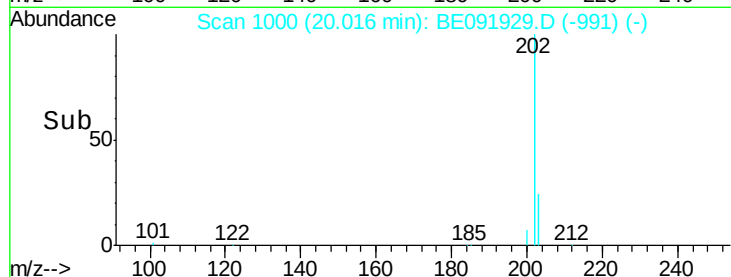
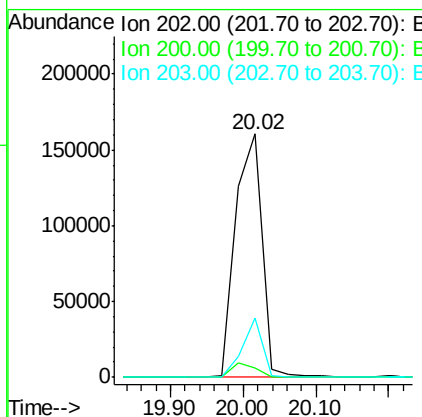
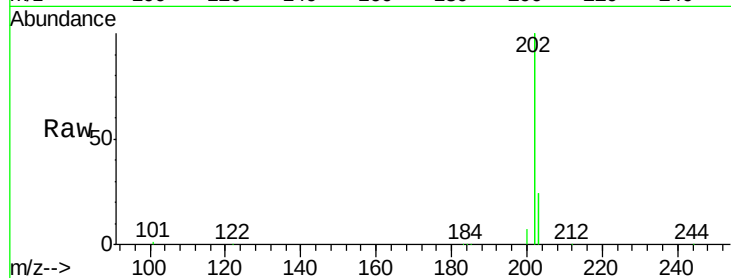
ClientSampleId :

PB91035BSD

Tgt	Ion	202	Resp:	403057
Ion	Ratio	Lower	Upper	
202	100			
200	0.0	16.9	25.3#	
203	18.5	14.1	21.1	

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#34

Terphenyl-d14

Concen: 2.85 ng

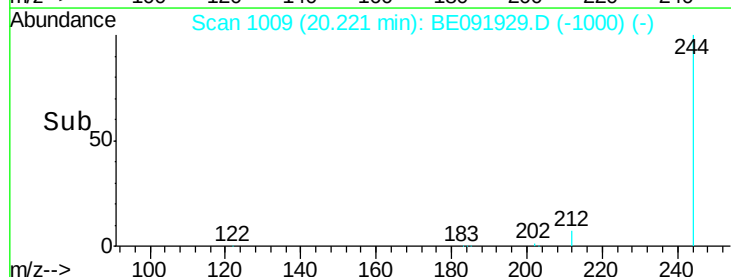
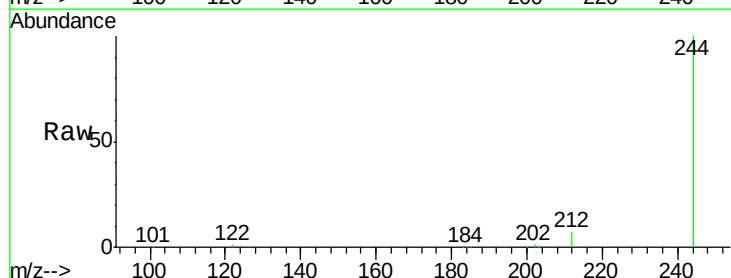
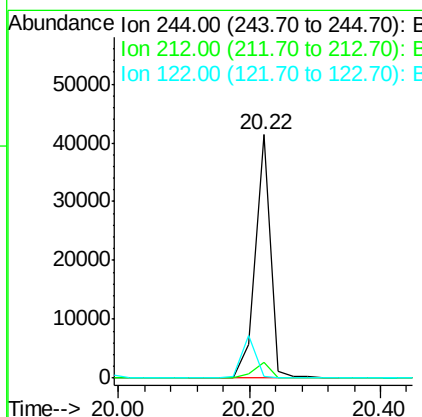
RT: 20.22 min Scan# 1009

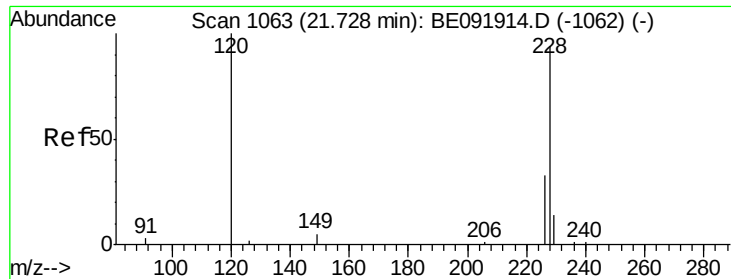
Delta R.T. 0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Tgt	Ion	244	Resp:	66438
Ion	Ratio	Lower	Upper	
244	100			
212	6.7	6.5	9.7	
122	0.7	2.9	4.3#	





#35

Benzo(a)anthracene

Concen: 3.78 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Instrument :

BNA_E

ClientSampled :

PB91035BSD

Tgt Ion: 228 Resp: 113084

Ion Ratio Lower Upper

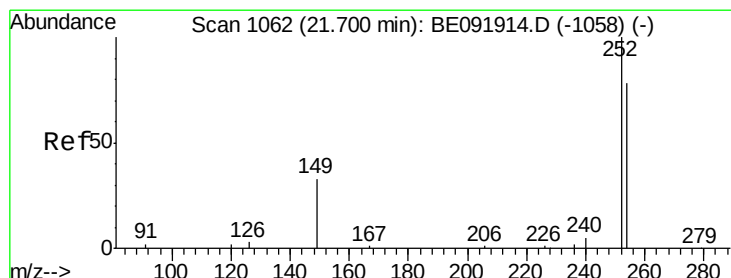
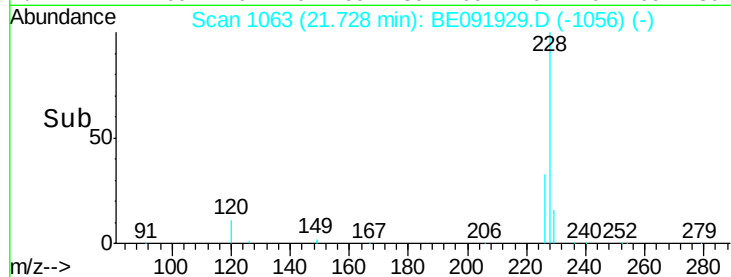
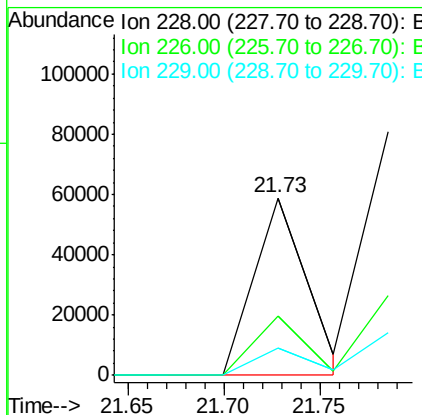
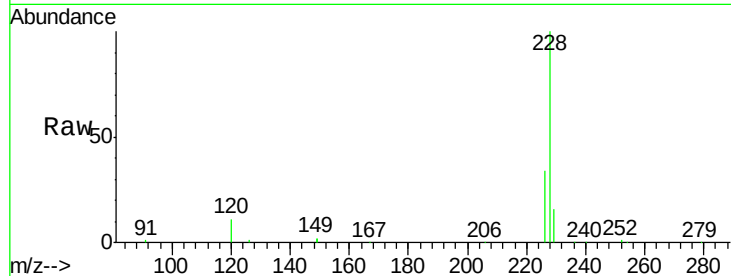
228 100

226 33.5 21.0 31.4#

229 15.7 15.8 23.8#

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#36

3,3'-Dichlorobenzidine

Concen: 1.94 ng

RT: 21.67 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

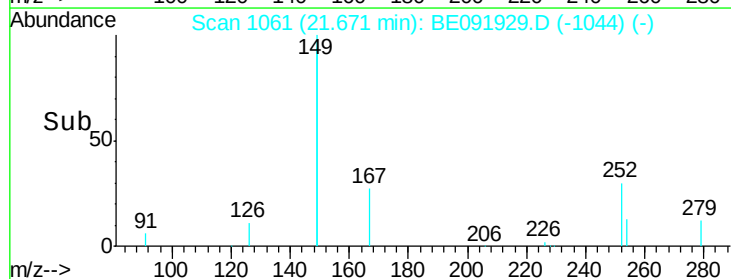
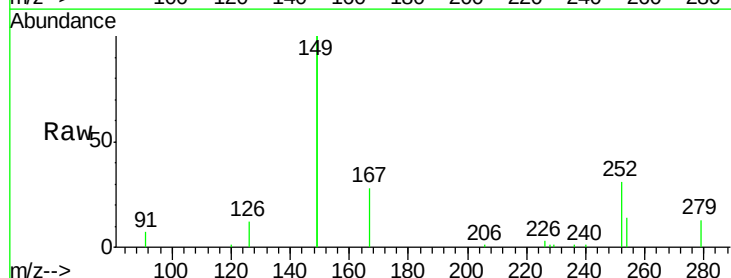
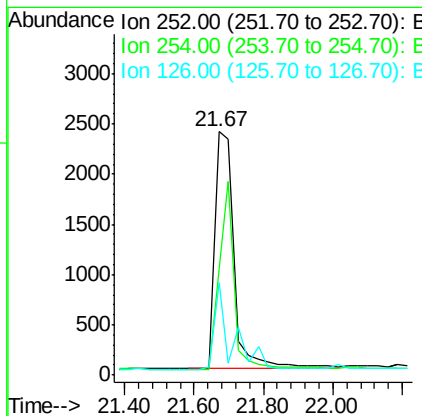
Tgt Ion: 252 Resp: 9392

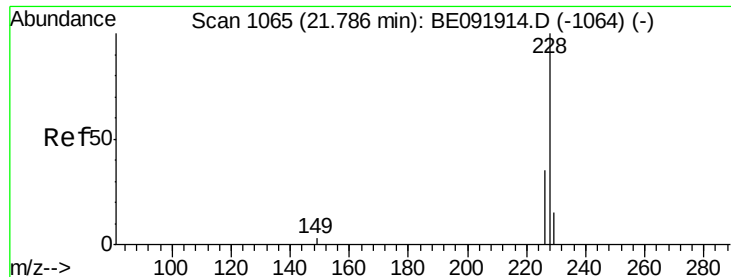
Ion Ratio Lower Upper

252 100

254 44.0 61.5 92.3#

126 37.9 2.5 3.7#





#37

Chrysene

Concen: 3.37 ng m

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Instrument :

BNA_E

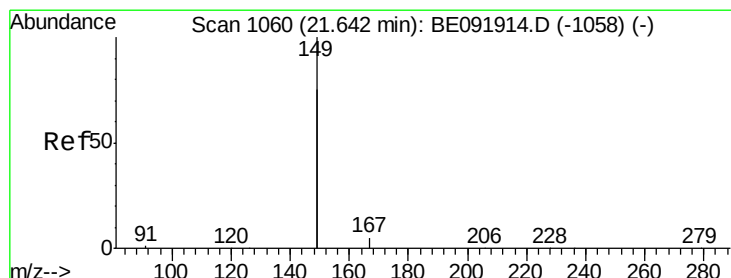
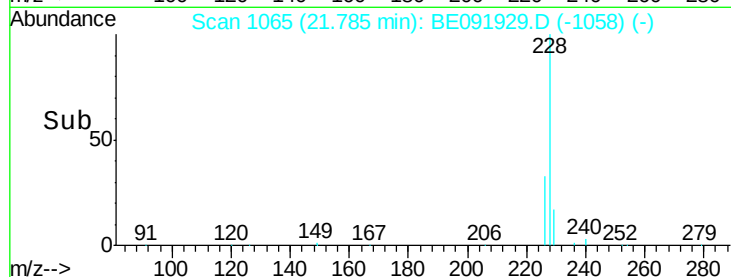
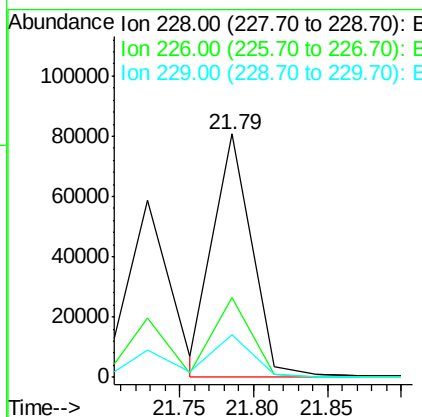
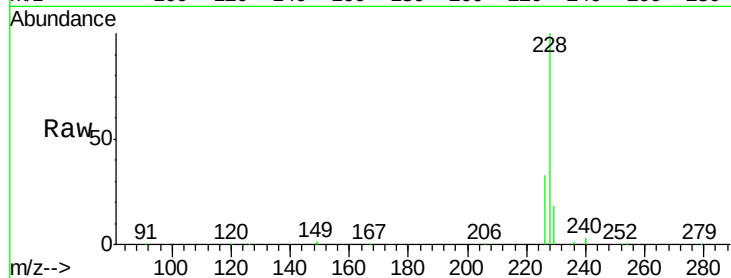
ClientSampleId :

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Tgt Ion:	228	Resp:	147393
Ion Ratio	Lower	Upper	
228	100		
226	32.7	27.0	40.6
229	17.5	13.8	20.8



#38

Bis(2-ethylhexyl)phthalate

Concen: 3.04 ng

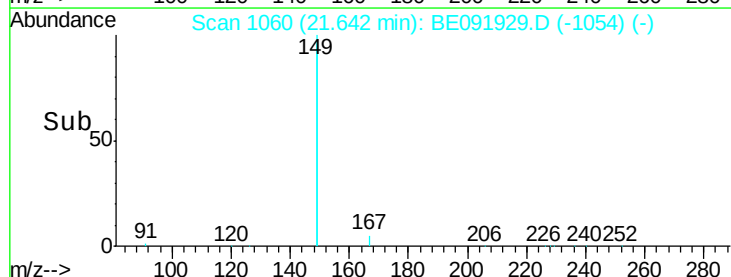
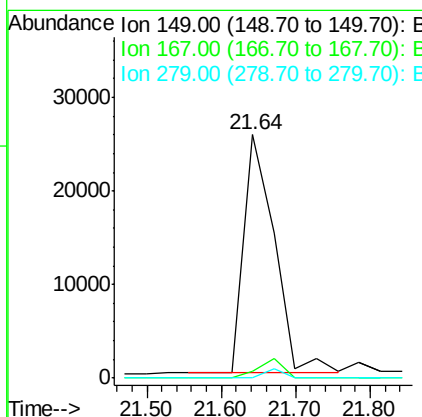
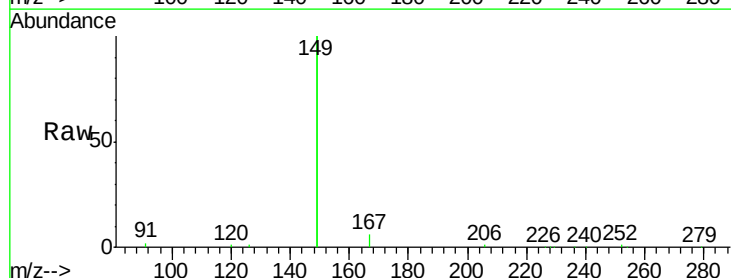
RT: 21.64 min Scan# 1060

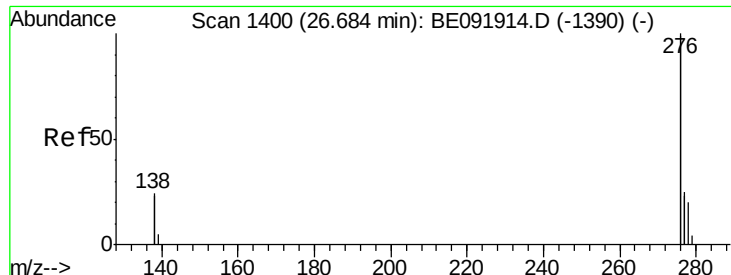
Delta R.T. -0.03 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Tgt Ion:	149	Resp:	73302
Ion Ratio	Lower	Upper	
149	100		
167	0.0	0.0	0.0
279	0.0	0.0	0.0





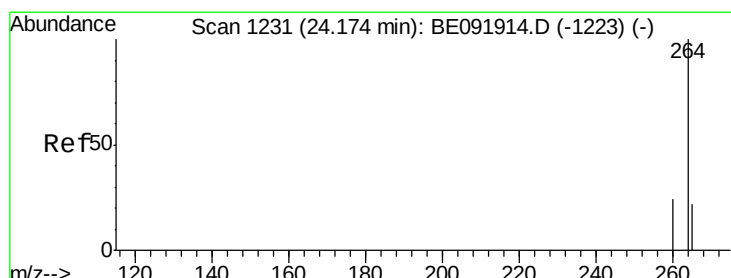
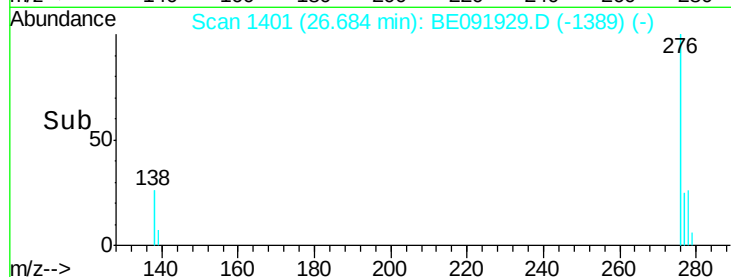
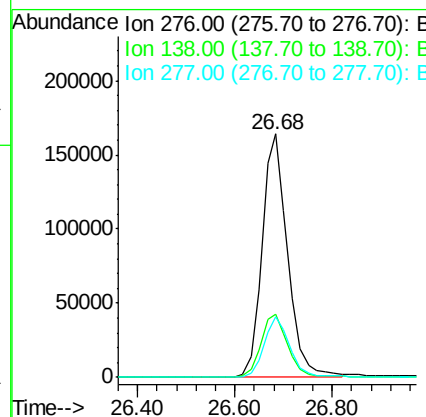
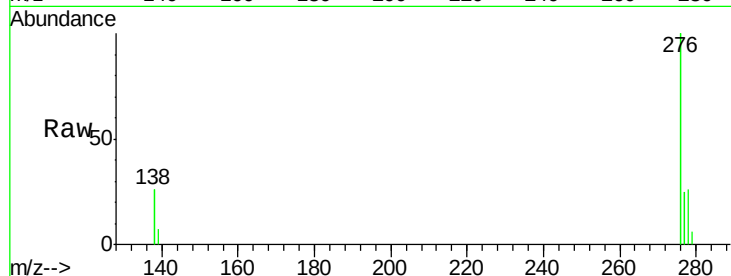
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 4.01 ng
 RT: 26.68 min Scan# 1401
 Delta R.T. -0.00 min
 Lab File: BE091929.D
 Acq: 15 Jun 2016 17:45

Instrument :
 BNA_E
 ClientSampleId :
 PB91035BSD

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	600079		
138	27.0		19.7	29.5
277	24.8		20.1	30.1

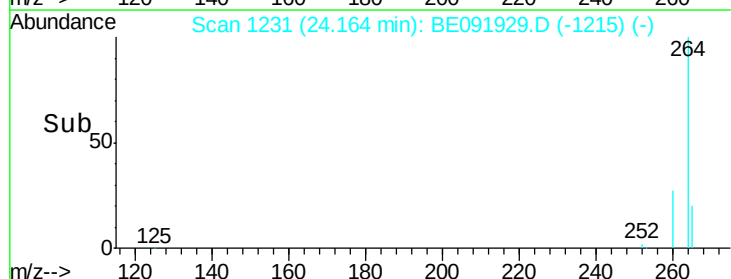
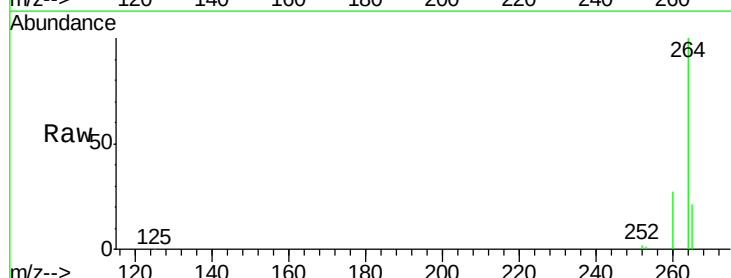
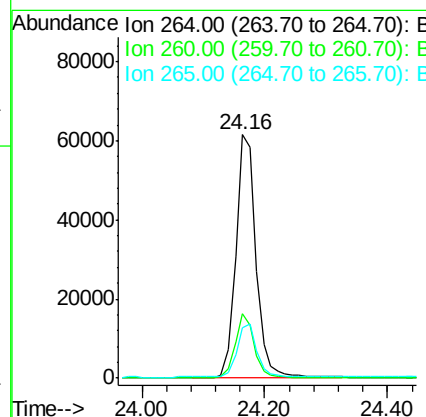
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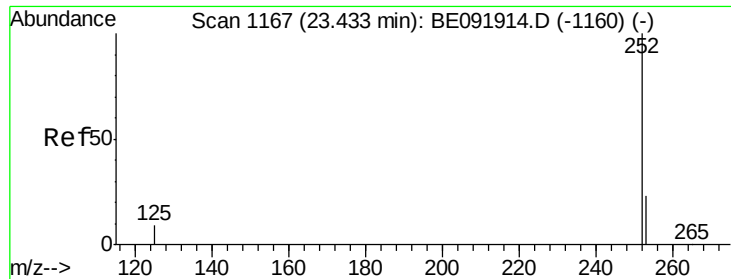
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#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.16 min Scan# 1231
 Delta R.T. -0.01 min
 Lab File: BE091929.D
 Acq: 15 Jun 2016 17:45

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	141062		
260	26.7		20.3	30.5
265	20.8		17.6	26.4





#41

Benzo(b)fluoranthene

Concen: 3.24 ng

RT: 23.42 min Scan# 1167

Delta R.T. -0.01 min

Lab File: BE091929.D

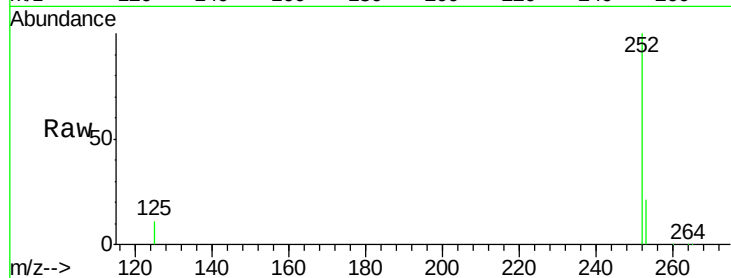
Acq: 15 Jun 2016 17:45

Instrument :

BNA_E

ClientSampleId :

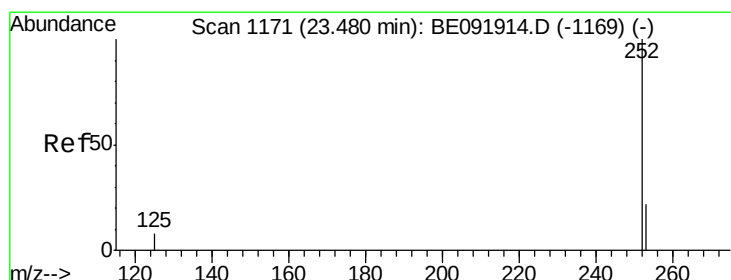
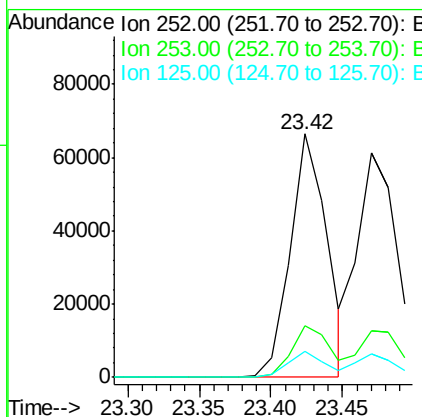
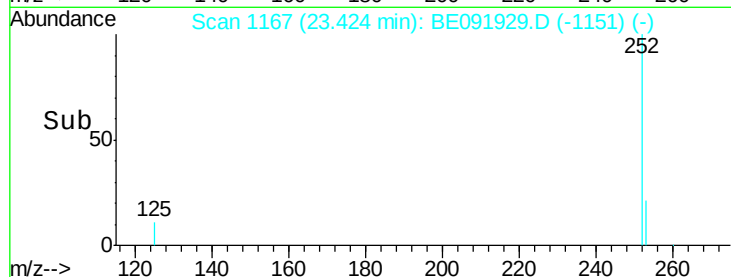
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Tgt Ion:	252	Resp:	117210
Ion Ratio	Lower	Upper	
252	100		
253	21.2	17.8	26.6
125	10.7	9.4	14.2

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#42

Benzo(k)fluoranthene

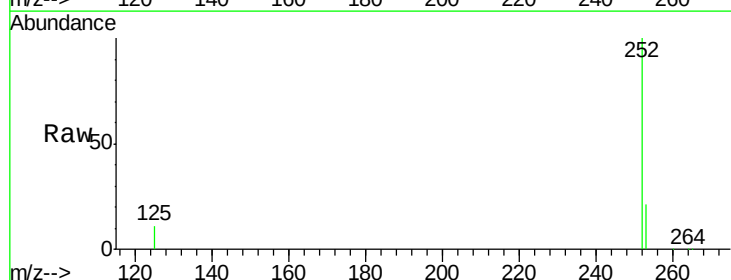
Concen: 3.66 ng

RT: 23.47 min Scan# 1171

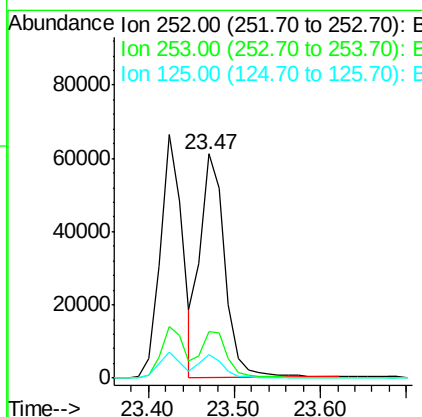
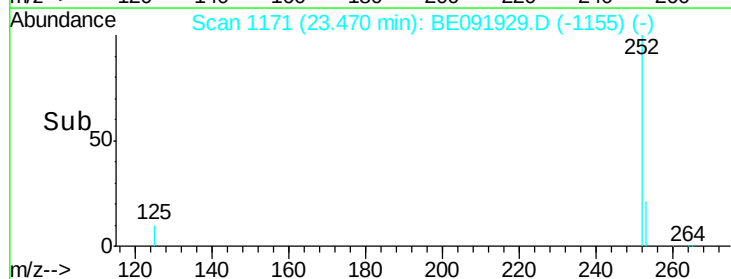
Delta R.T. -0.01 min

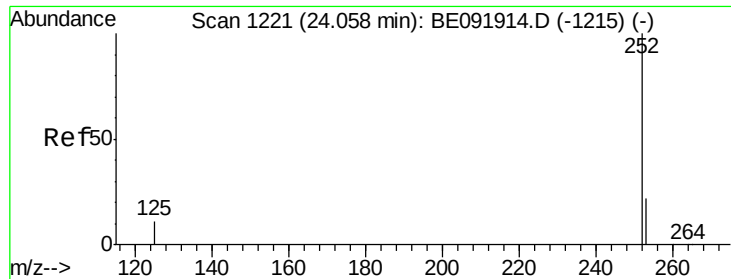
Lab File: BE091929.D

Acq: 15 Jun 2016 17:45



Tgt Ion:	252	Resp:	121134
Ion Ratio	Lower	Upper	
252	100		
253	20.9	19.4	29.2
125	10.6	8.3	12.5





#43

Benzo(a)pyrene

Concen: 3.53 ng

RT: 24.06 min Scan# 1222

Delta R.T. 0.00 min

Lab File: BE091929.D

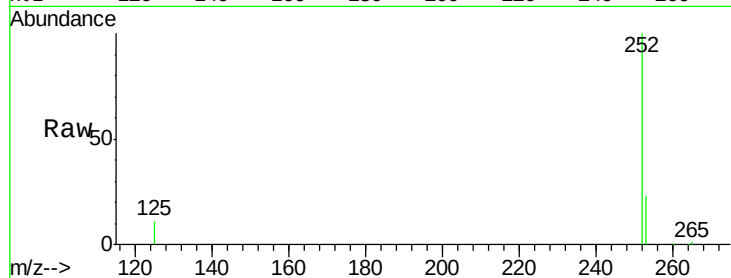
Acq: 15 Jun 2016 17:45

Instrument :

BNA_E

ClientSampleId :

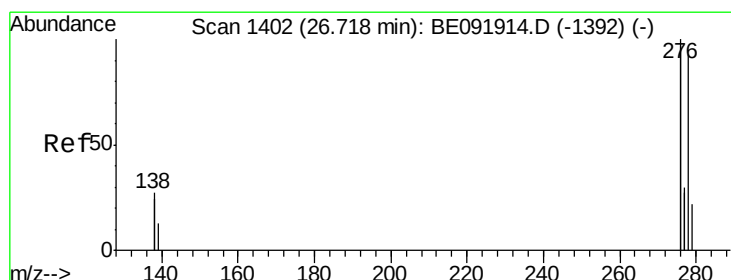
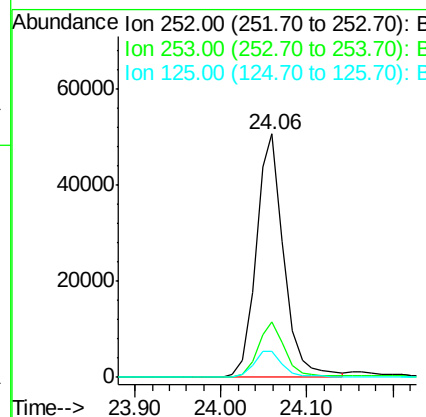
PB91035BSD



Tgt Ion:	252	Resp:	111661
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.9	28.3
125	10.8	10.5	15.7

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#44

Dibenzo(a,h)anthracene

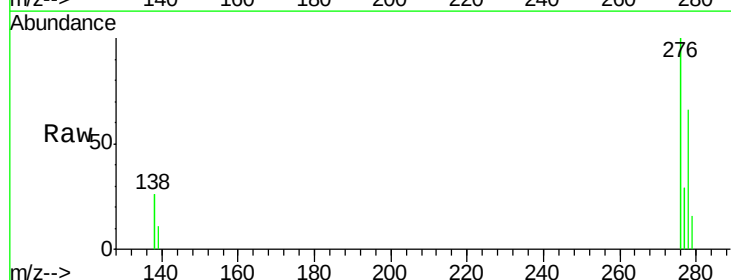
Concen: 4.13 ng

RT: 26.70 min Scan# 1402

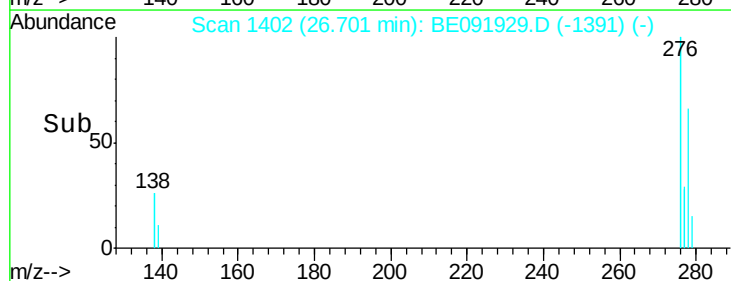
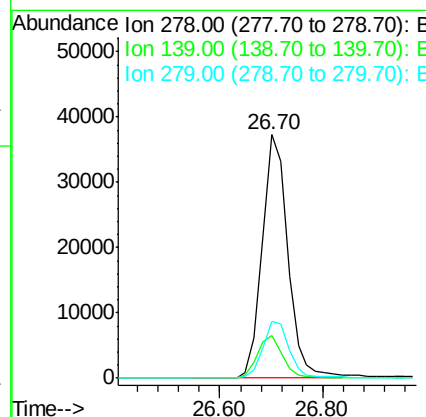
Delta R.T. -0.02 min

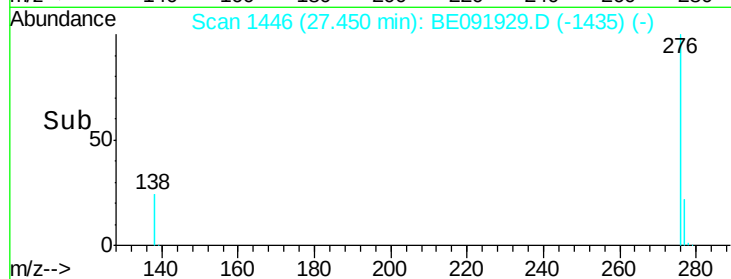
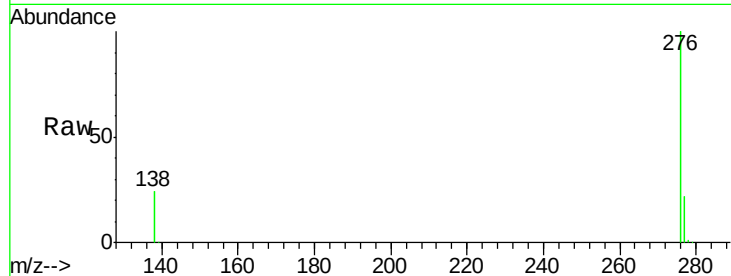
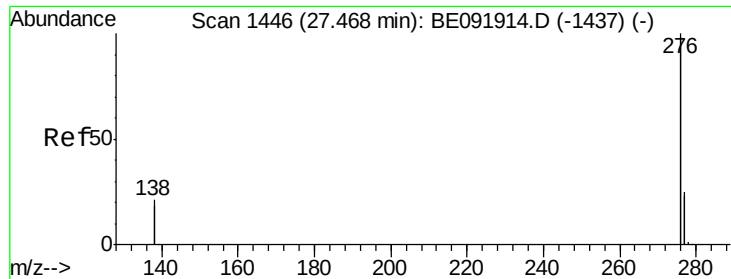
Lab File: BE091929.D

Acq: 15 Jun 2016 17:45



Tgt Ion:	278	Resp:	127142
Ion Ratio	Lower	Upper	
278	100		
139	17.3	12.6	18.8
279	23.5	20.0	30.0





#45

Benzo(g,h,i)perylene

Concen: 4.10 ng

RT: 27.45 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BE091929.D

Acq: 15 Jun 2016 17:45

Tgt	Ion	276	Resp	521513
Ion	Ratio	Lower	Upper	
276	100			
277	22.2	19.5	29.3	
138	24.1	17.7	26.5	

Instrument :

BNA_E

ClientSampleId :

PB91035BSD

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