

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092052.D
 Acq On : 27 Jul 2016 12:00
 Operator : UM/SJ
 Sample : SSTDICC0.8
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Manual Integrations
 APPROVED

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 7/28/2016 5:00:07 PM

Quant Time: Jul 27 13:35:45 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 27 12:50:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	9613	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	43238	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	19387	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	59809	5.00	ng	0.01
31) Chrysene-d12	21.76	240	52743	5.00	ng	0.00
40) Perylene-d12	24.15	264	63028	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.72	112	1552	0.76	ng	0.00
5) Phenol-d6	7.35	99	2000	0.70	ng	0.00
9) Nitrobenzene-d5	9.37	82	2258	0.64	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	493	0.81	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	6066	0.74	ng	0.00
34) Terphenyl-d14	20.20	244	8238	0.75	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	1032	0.67	ng	93
3) n-Nitrosodimethylamine	3.82	42	1277	0.86	ng	# 92
6) bis(2-Chloroethyl)ether	7.61	93	2134	0.81	ng	94
7) n-Nitroso-di-n-propylamine	9.00	70	1707	0.81	ng	98
10) Nitrobenzene	9.40	77	2421	0.88	ng	99
11) bis(2-Chloroethoxy)methane	10.42	93	2672	0.84	ng	# 79
12) Naphthalene	11.04	128	7598	0.75	ng	97
13) Hexachlorobutadiene	11.32	225	1109	0.72	ng	# 100
14) 2-Methylnaphthalene	12.66	142	4795	0.77	ng	94
18) Acenaphthylene	14.56	152	38807	0.81	ng	98
19) 2,6-Dinitrotoluene	14.44	165	3878m	0.84	ng	
20) Acenaphthene	14.92	154	3949	0.69	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	4192m	1.07	ng	
22) Fluorene	15.90	166	6478	0.77	ng	98
23) 4-Chlorophenyl-phenylether	15.90	204	3179	0.73	ng	90
25) 4-Bromophenyl-phenylether	16.78	248	1911	0.74	ng	99
26) Hexachlorobenzene	16.90	284	2038	0.76	ng	99
27) Pentachlorophenol	17.25	266	380	0.95	ng	91
28) Phenanthrene	17.63	178	11918	0.73	ng	100
29) Anthracene	17.72	178	10547	0.76	ng	100
30) Fluoranthene	19.63	202	51017	0.73	ng	100
32) Benzidine	19.83	184	1887	1.07	ng	# 84
33) Pyrene	19.99	202	59560	0.95	ng	99
35) Benzo(a)anthracene	21.73	228	19754m	0.61	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	3347	1.20	ng	# 92
37) Chrysene	21.79	228	16169m	0.44	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	39956	0.61	ng	# 98
39) Indeno(1,2,3-cd)pyrene	26.67	276	53088	0.93	ng	99
41) Benzo(b)fluoranthene	23.41	252	14023	0.46	ng	99
42) Benzo(k)fluoranthene	23.46	252	14455	0.50	ng	97
43) Benzo(a)pyrene	24.04	252	11946	0.60	ng	96
44) Dibenzo(a,h)anthracene	26.68	278	10902	0.80	ng	96
45) Benzo(g,h,i)perylene	27.43	276	45338	0.78	ng	98

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
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Manual Integrations
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Quant Time: Jul 27 13:35:45 2016
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE072716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 27 12:50:07 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

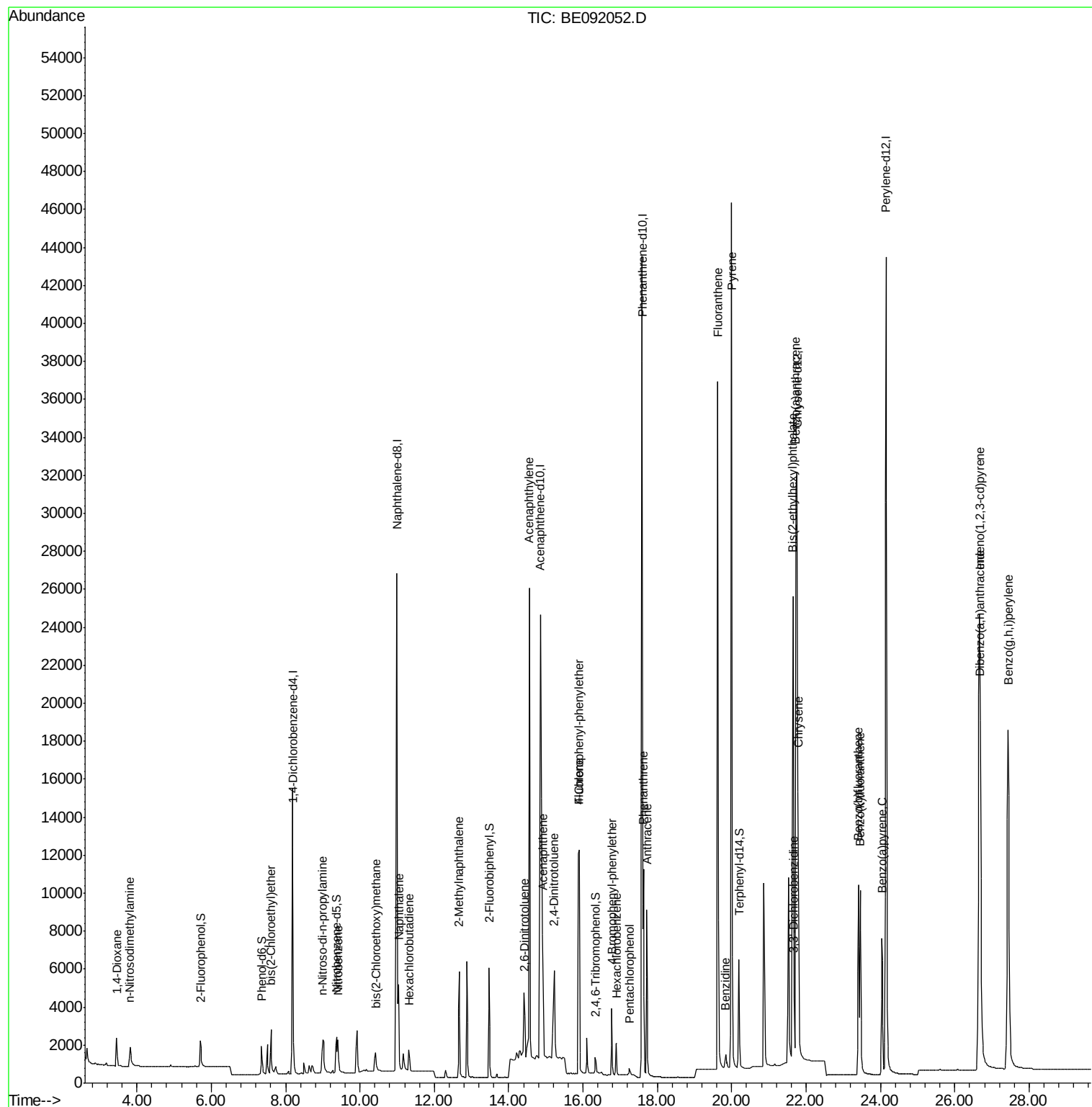
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
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Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

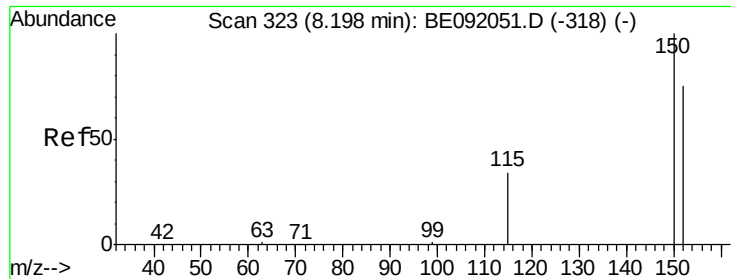
Instrument :
BNA_E
ClientSampleID :
SSTDICC0.8

Manual Integrations
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.20 min Scan# 323

Delta R.T. -0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Instrument :

BNA_E

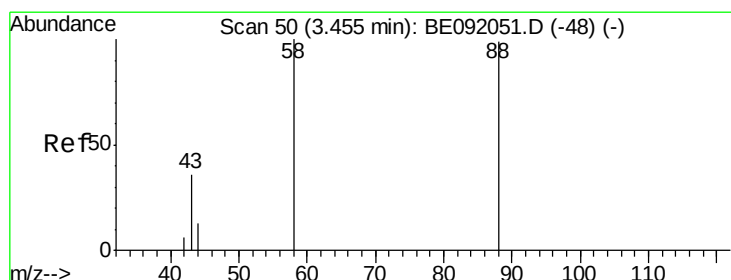
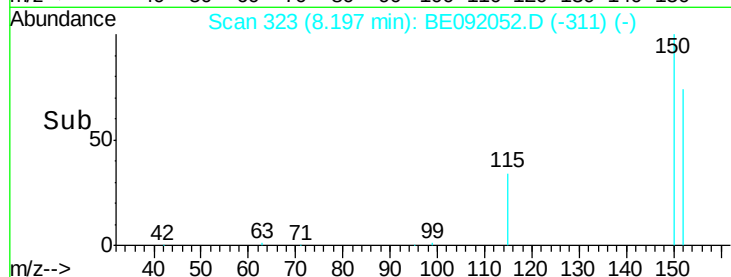
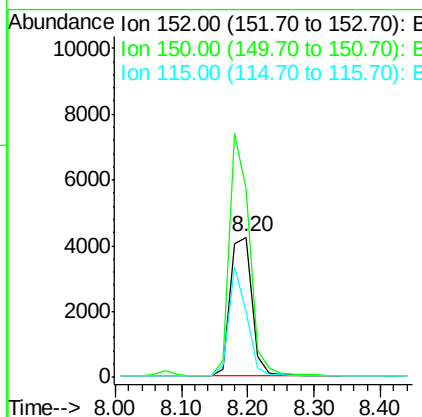
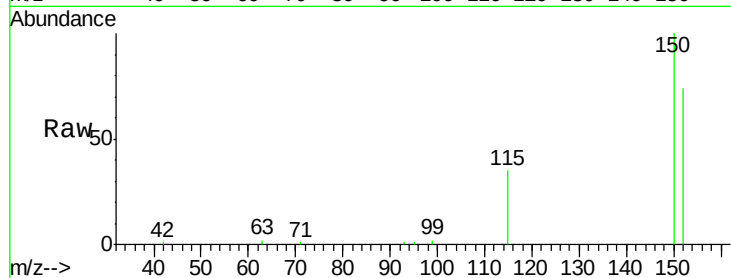
ClientSampleId :

SSTDICC0.8

Tgt Ion	Ratio	Lower	Upper
152	100		
150	134.3	106.0	159.0
115	46.9	36.9	55.3

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#2

1,4-Dioxane

Concen: 0.67 ng

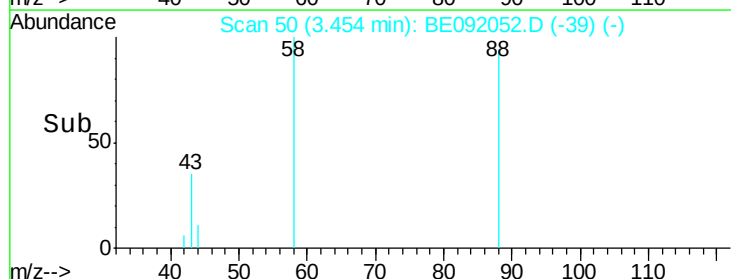
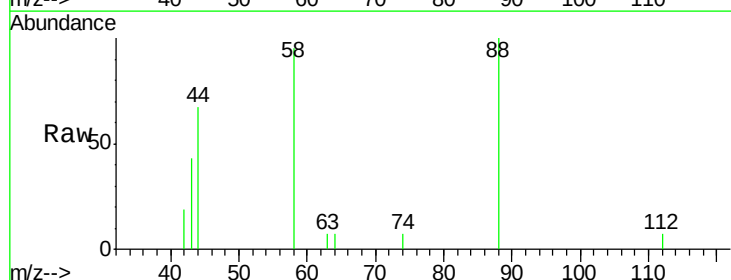
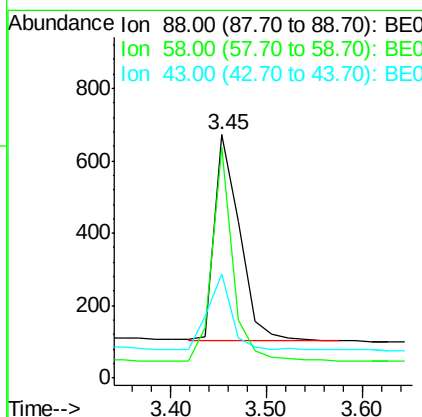
RT: 3.45 min Scan# 50

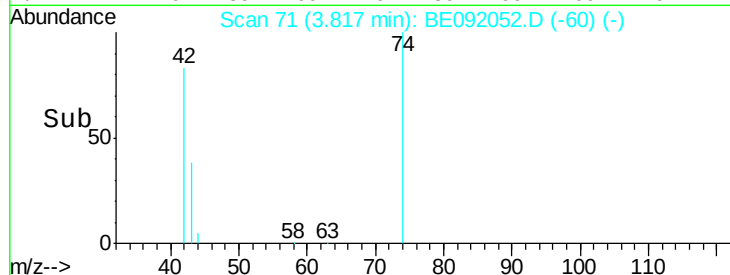
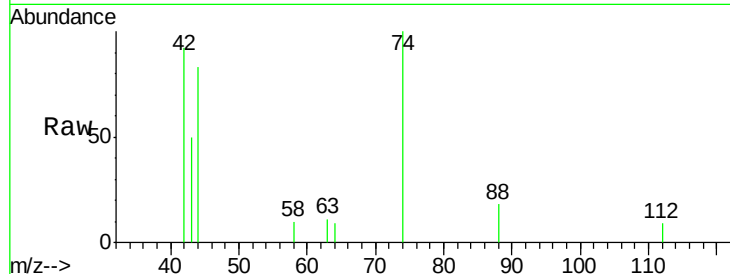
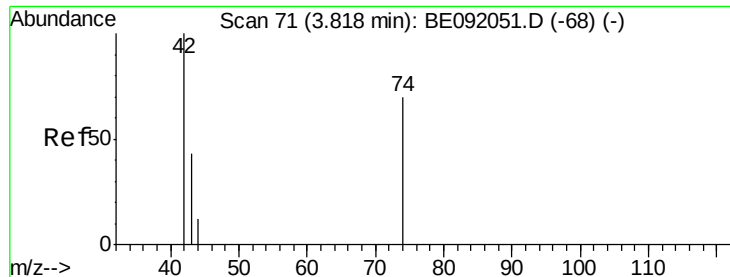
Delta R.T. -0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	85.6	62.1	93.1
43	34.9	27.2	40.8





#3

n-Nitrosodimethylamine

Concen: 0.86 ng

RT: 3.82 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Tgt Ion:	42	Resp:	1277
Ion	Ratio	Lower	Upper
42	100		
74	96.0	82.8	124.2
44	5.1	9.0	13.4#

Instrument :

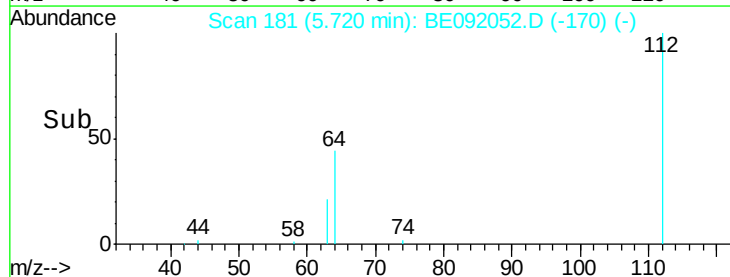
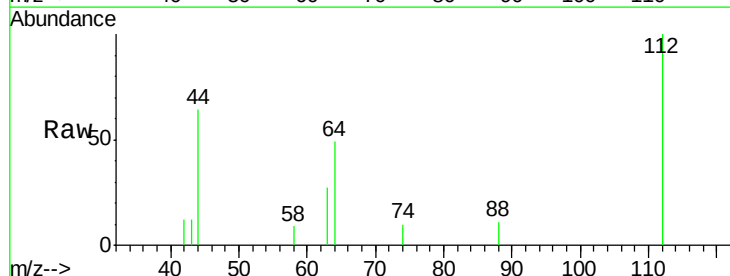
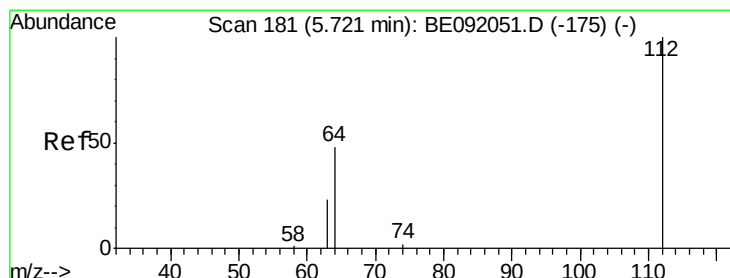
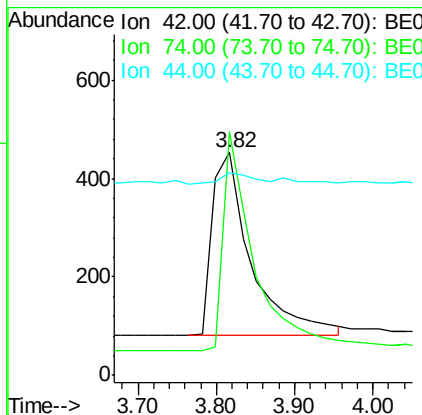
BNA_E

ClientSampleId :

SSTDICC0.8

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#4

2-Fluorophenol

Concen: 0.76 ng

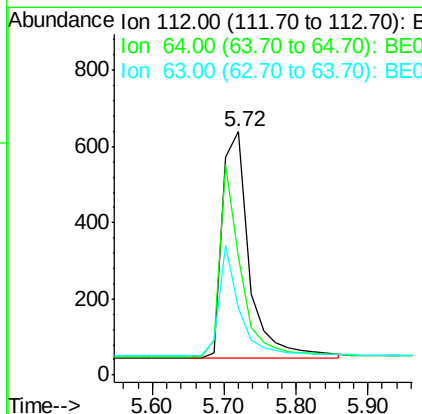
RT: 5.72 min Scan# 181

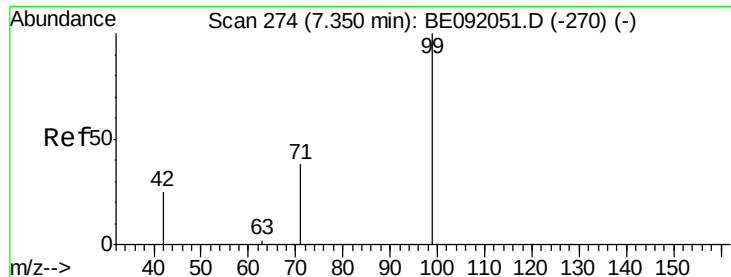
Delta R.T. -0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Tgt Ion:	112	Resp:	1552
Ion	Ratio	Lower	Upper
112	100		
64	67.6	55.9	83.9
63	38.1	31.1	46.7





#5

Phenol-d6

Concen: 0.70 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Instrument :

BNA_E

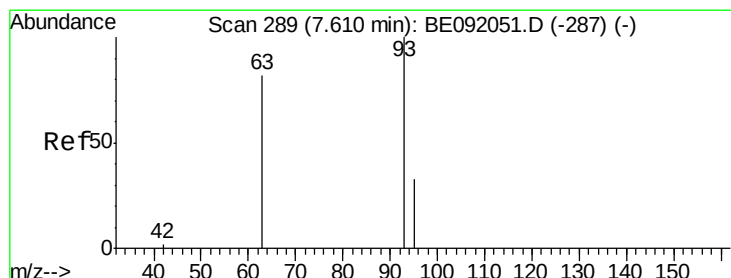
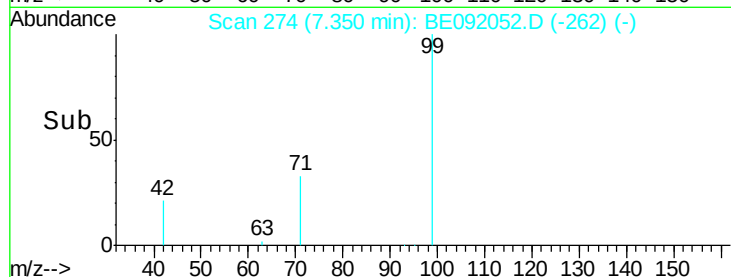
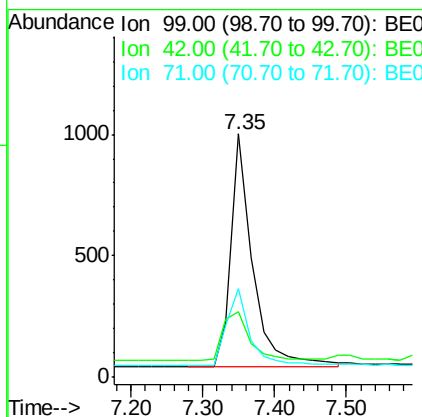
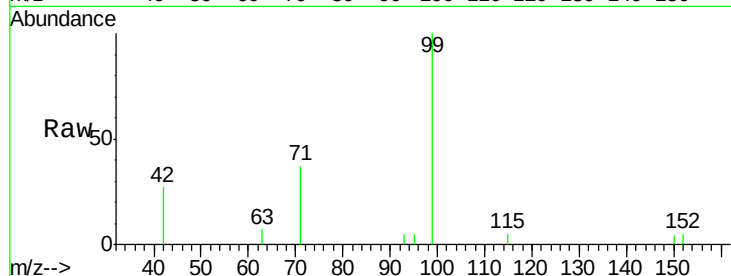
ClientSampled :

SSTDIC0.8

Tgt Ion:	99	Resp:	2000
Ion	Ratio	Lower	Upper
99	100		
42	27.3	22.4	33.6
71	36.1	28.9	43.3

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#6

bis(2-Chloroethyl)ether

Concen: 0.81 ng

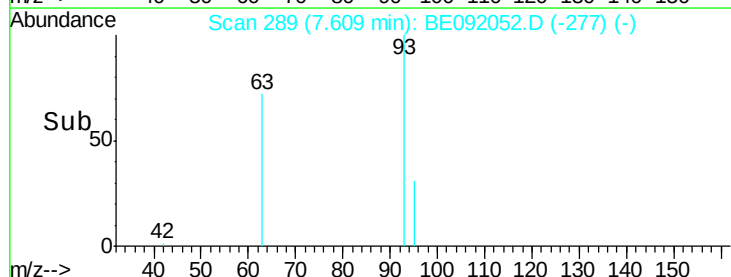
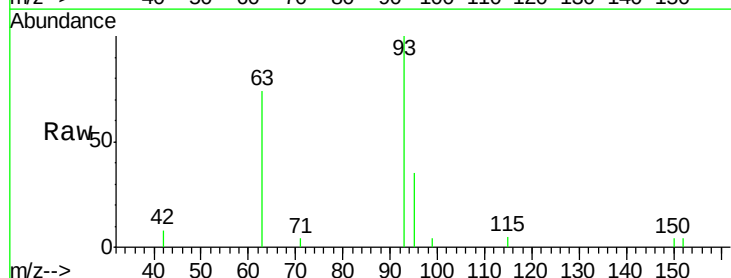
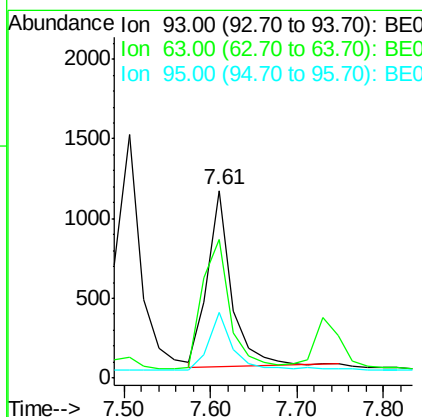
RT: 7.61 min Scan# 289

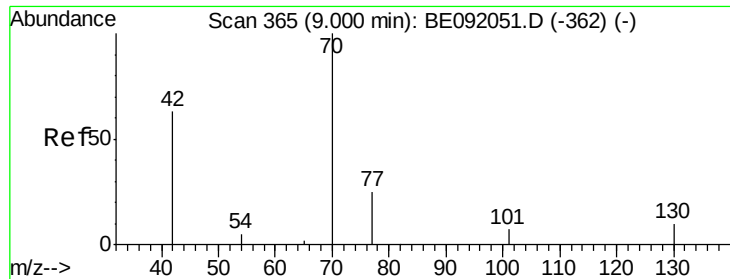
Delta R.T. -0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Tgt Ion:	93	Resp:	2134
Ion	Ratio	Lower	Upper
93	100		
63	86.4	64.4	96.6
95	34.0	25.8	38.8





#7

n-Nitroso-di-n-propylamine

Concen: 0.81 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Instrument :

BNA_E

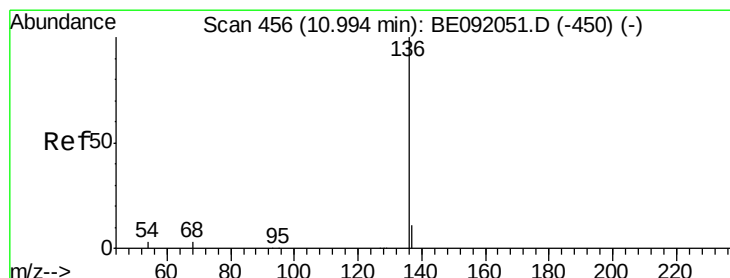
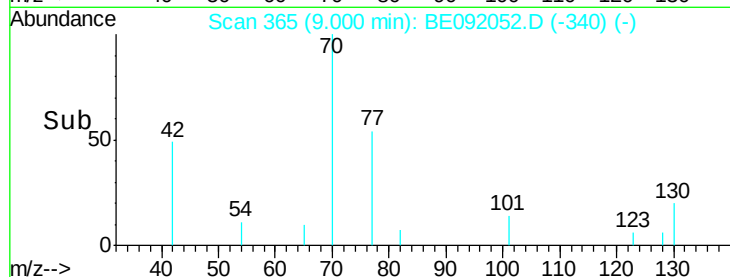
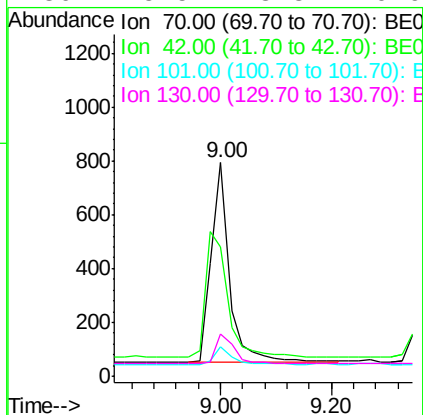
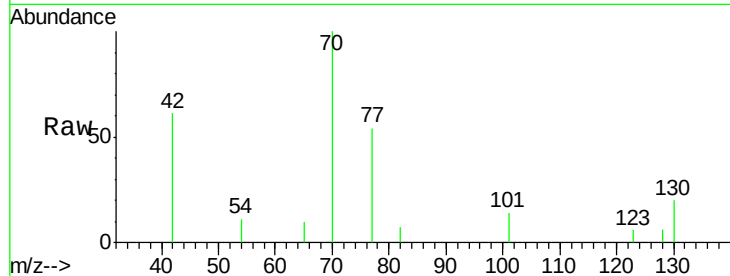
ClientSampleId :

SSTDIC0.8

Tgt Ion	Ratio	Lower	Upper
70	100		
42	76.5	60.2	90.4
101	7.9	6.8	10.2
130	15.5	13.3	19.9

Manual Integrations
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#8

Naphthalene-d8

Concen: 5.00 ng

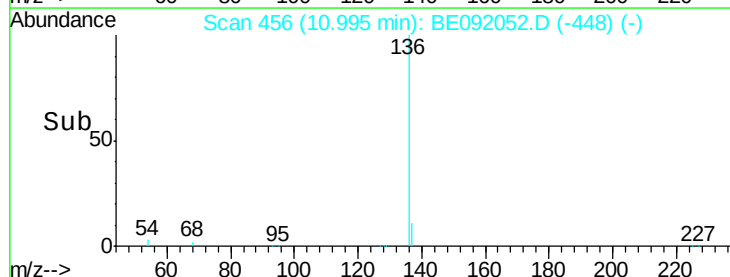
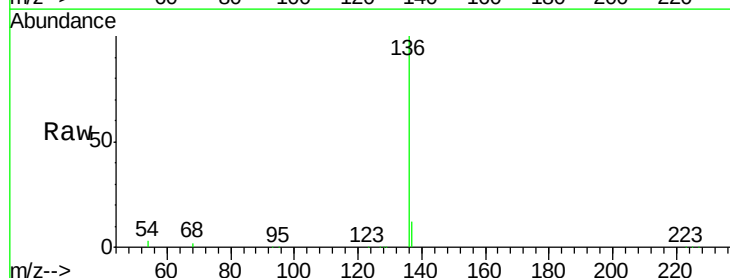
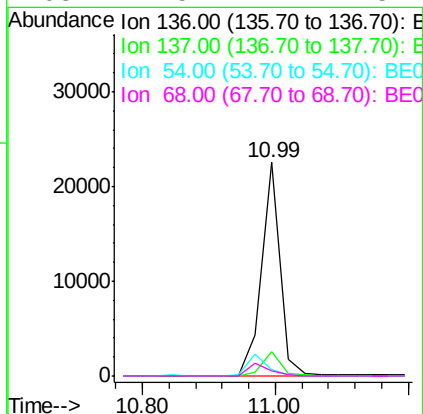
RT: 10.99 min Scan# 456

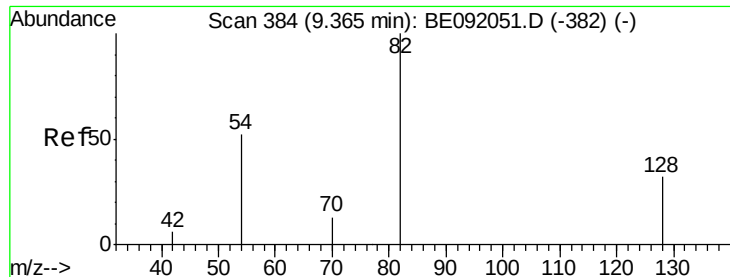
Delta R.T. 0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	3.0	2.7	4.1
68	2.5	2.2	3.4





#9

Nitrobenzene-d5

Concen: 0.64 ng

RT: 9.37 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Instrument :

BNA_E

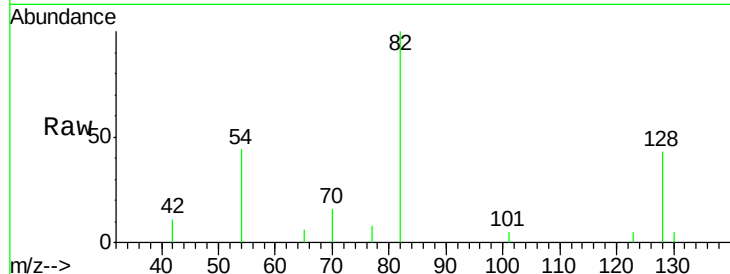
ClientSampleId :

SSTDICC0.8

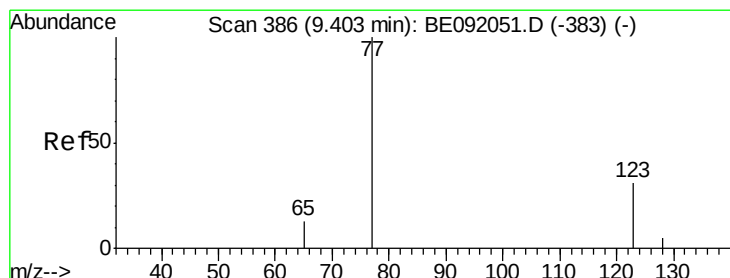
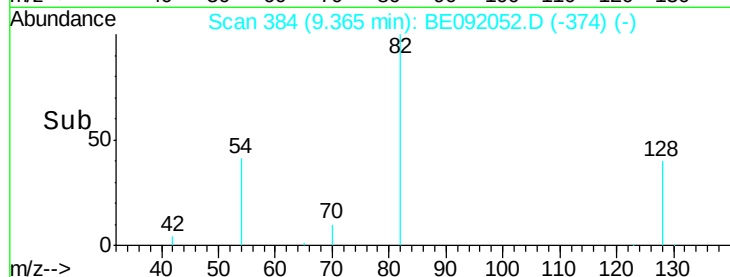
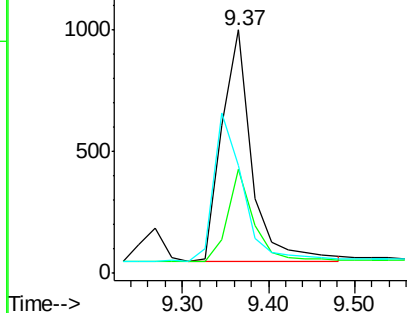
Tgt Ion:	82	Resp:	2258
Ion	Ratio	Lower	Upper
82	100		
128	42.9	33.0	49.4
54	44.3	42.6	63.8

Manual Integrations
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Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): BE0
Ion 54.00 (53.70 to 54.70): BE0



#10

Nitrobenzene

Concen: 0.88 ng

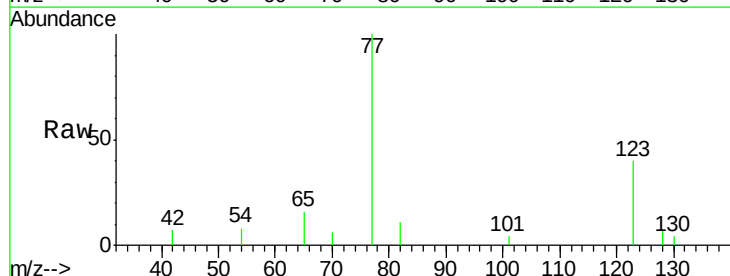
RT: 9.40 min Scan# 386

Delta R.T. 0.00 min

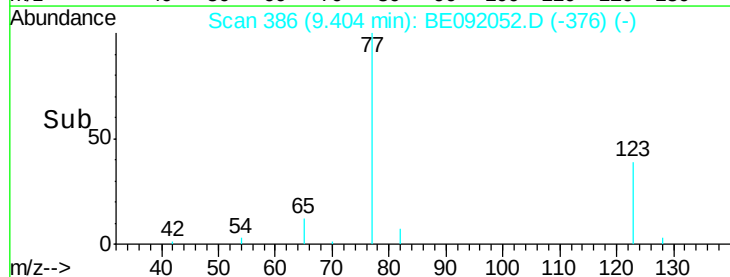
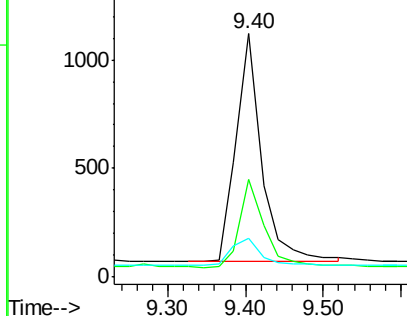
Lab File: BE092052.D

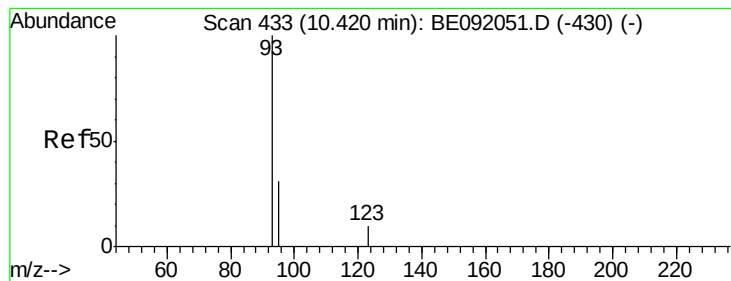
Acq: 27 Jul 2016 12:00

Tgt Ion:	77	Resp:	2421
Ion	Ratio	Lower	Upper
77	100		
123	37.1	29.9	44.9
65	13.8	11.4	17.0



Abundance Ion 77.00 (76.70 to 77.70): BE0
Ion 123.00 (122.70 to 123.70): BE0
Ion 65.00 (64.70 to 65.70): BE0





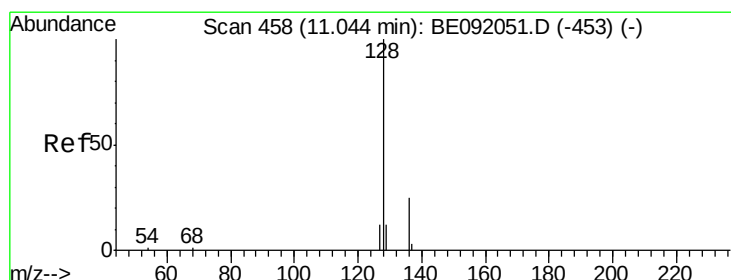
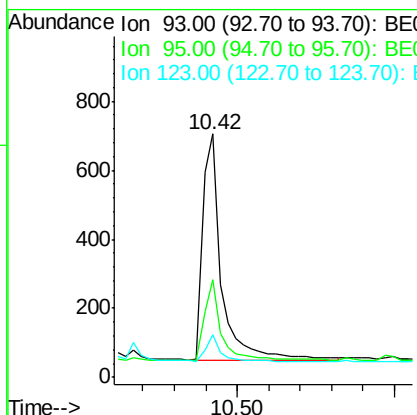
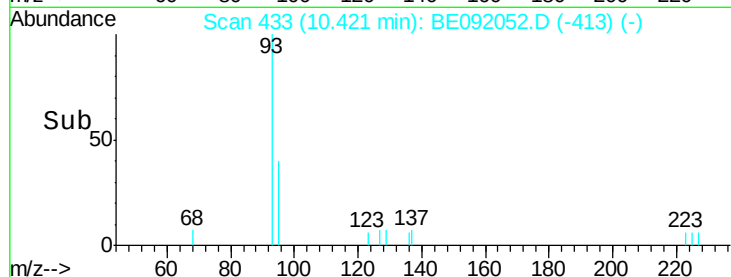
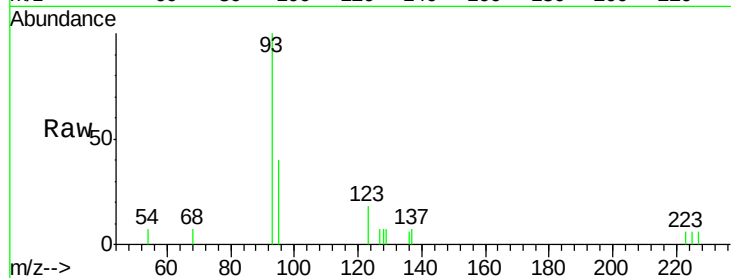
#11
bis(2-Chloroethoxy)methane
Concen: 0.84 ng
RT: 10.42 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tgt Ion: 93 Resp: 2672
Ion Ratio Lower Upper
93 100
95 46.5 25.0 37.6#
123 9.1 7.8 11.8

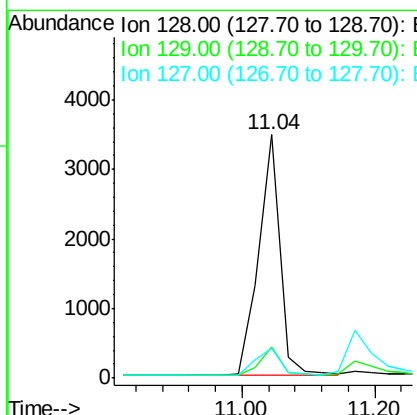
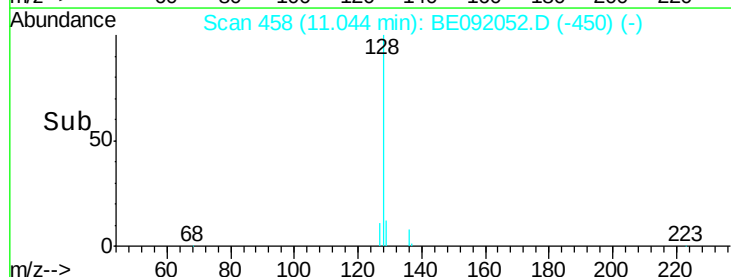
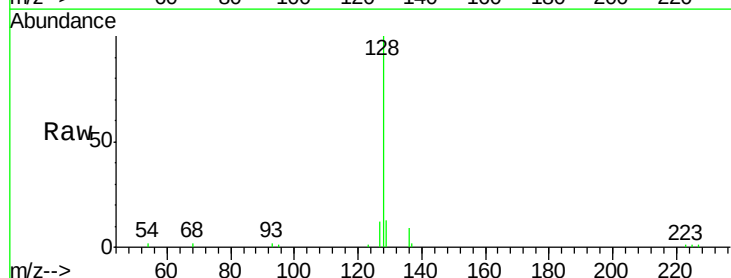
Manual Integrations
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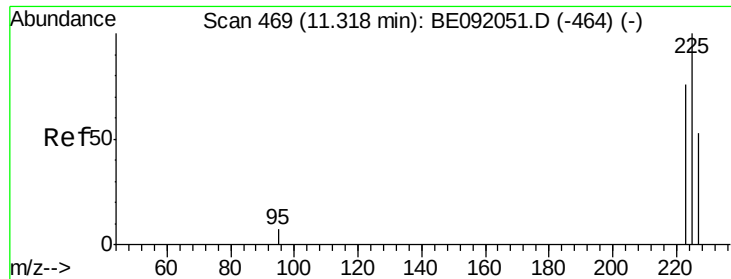
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#12
Naphthalene
Concen: 0.75 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Tgt Ion: 128 Resp: 7598
Ion Ratio Lower Upper
128 100
129 12.9 11.1 16.7
127 12.5 11.3 16.9





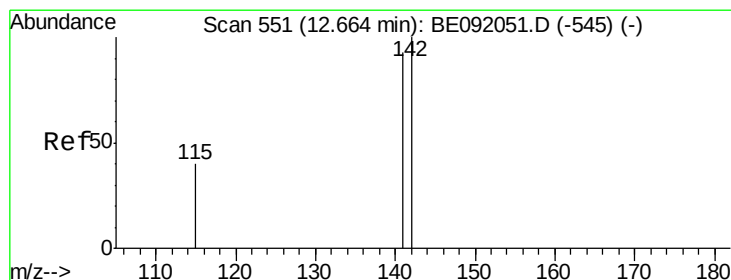
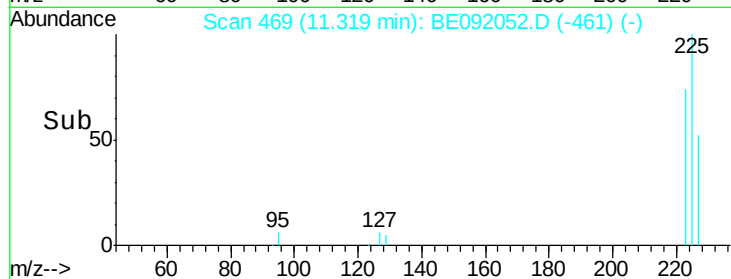
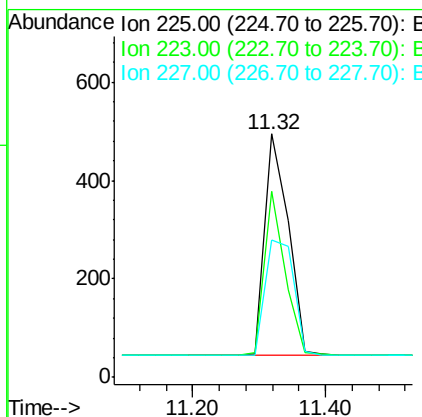
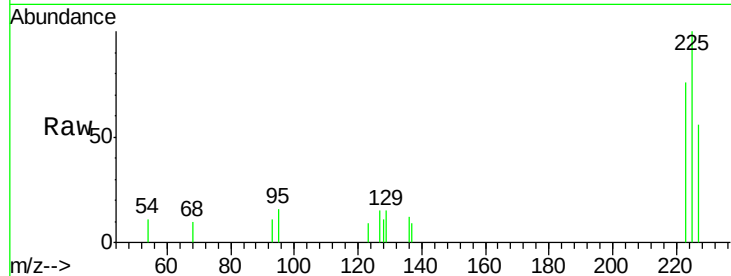
#13
Hexachlorobutadiene
Concen: 0.72 ng
RT: 11.32 min Scan# 469
Delta R.T. 0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tgt Ion: 225 Resp: 1109
Ion Ratio Lower Upper
225 100
223 64.7 51.9 77.9
227 63.3 0.0 0.0#

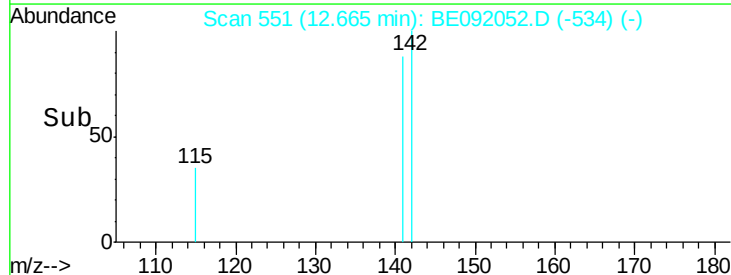
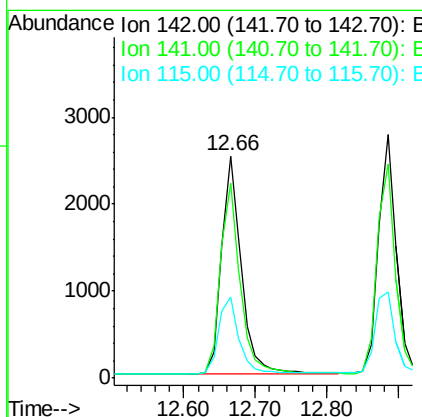
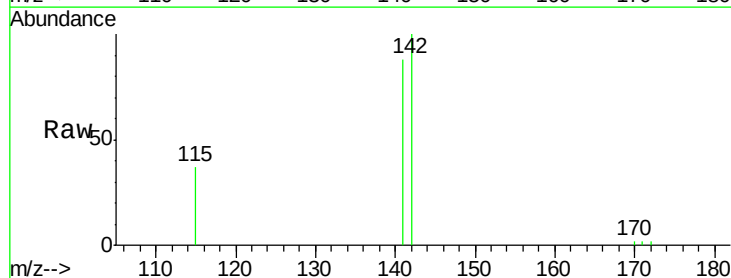
Manual Integrations
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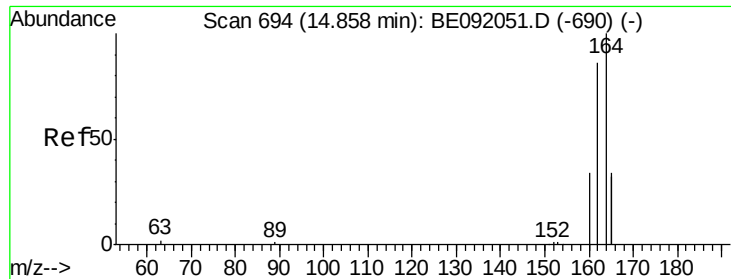
sohil
7/28/2016 5:00:07 PM



#14
2-Methylnaphthalene
Concen: 0.77 ng
RT: 12.66 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Tgt Ion: 142 Resp: 4795
Ion Ratio Lower Upper
142 100
141 87.7 65.1 97.7
115 36.5 27.0 40.4





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.86 min Scan# 694

Delta R.T. -0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Instrument :

BNA_E

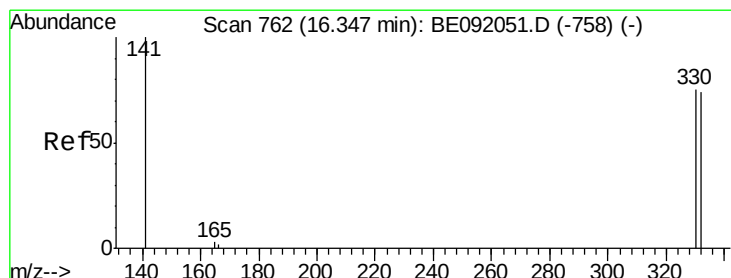
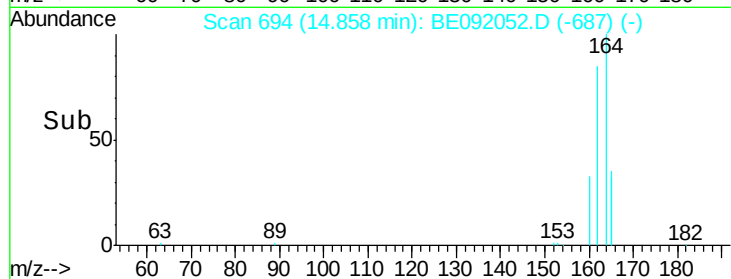
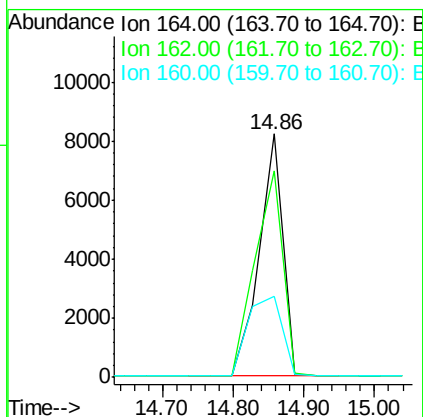
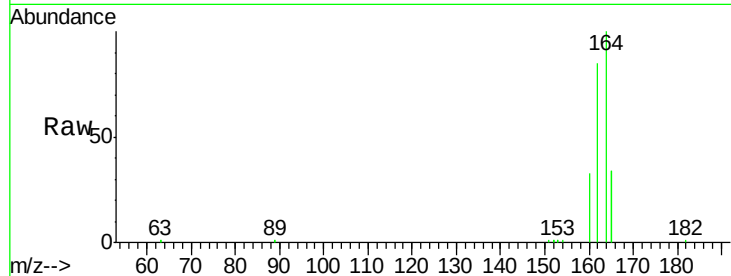
ClientSampleId :

SSTDICC0.8

Tgt Ion:	164	Resp:	19387
Ion Ratio	Lower	Upper	
164	100		
162	84.8	69.5	104.3
160	33.3	27.6	41.4

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#16

2,4,6-Tribromophenol

Concen: 0.81 ng

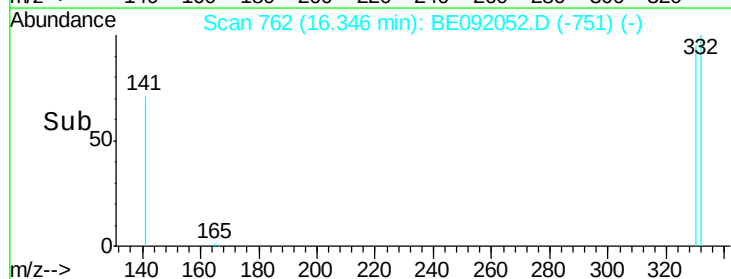
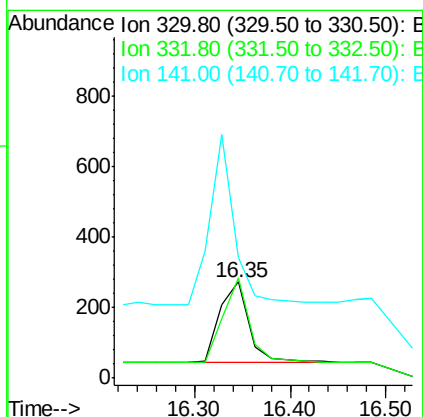
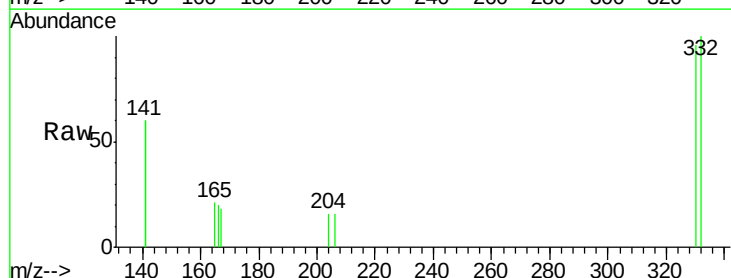
RT: 16.35 min Scan# 762

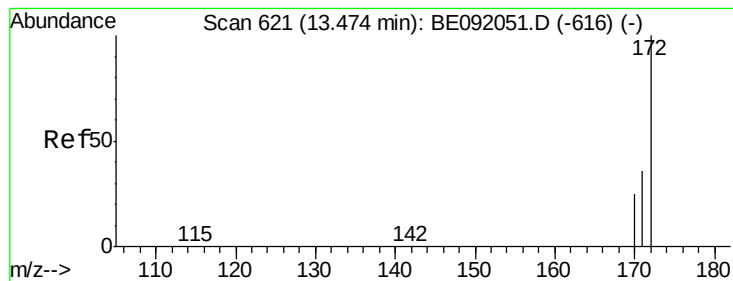
Delta R.T. -0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Tgt Ion:	330	Resp:	493
Ion Ratio	Lower	Upper	
330	100		
332	94.7	74.2	111.4
141	176.9	139.8	209.8





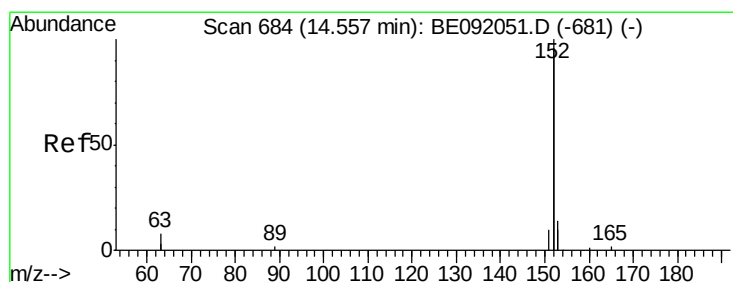
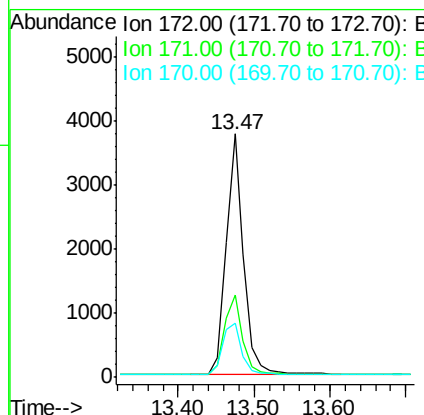
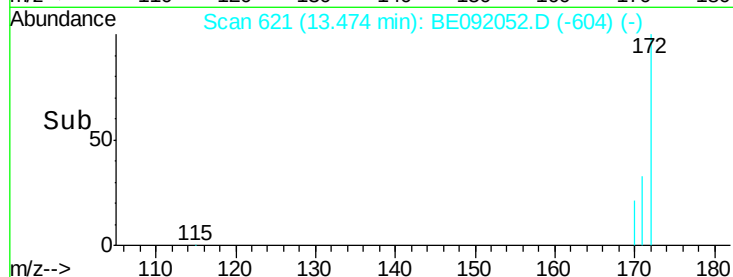
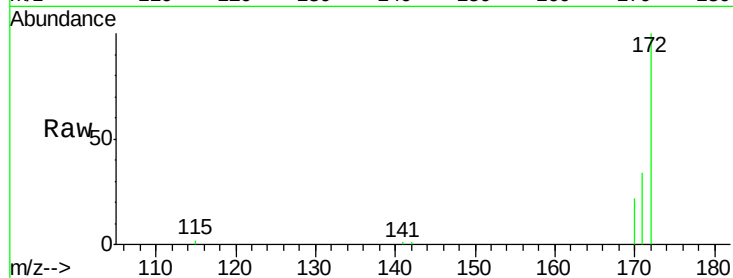
#17
2-Fluorobiphenyl
Concen: 0.74 ng
RT: 13.47 min Scan# 621
Delta R.T. 0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	30.3	45.5
170	22.2	21.6	32.4

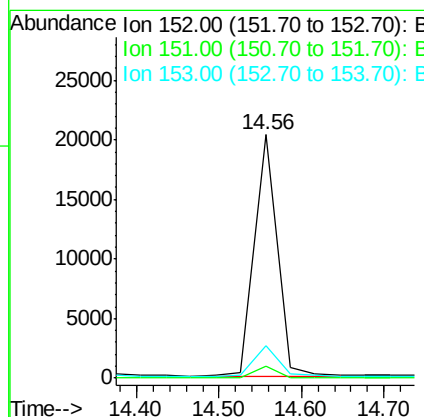
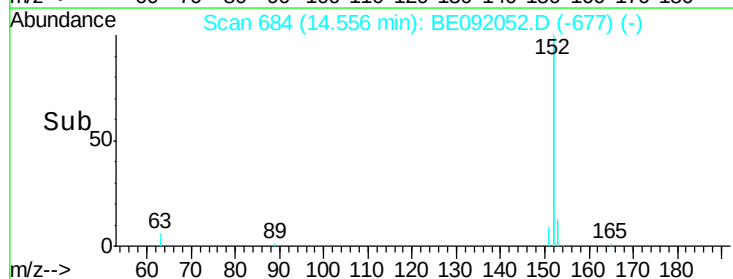
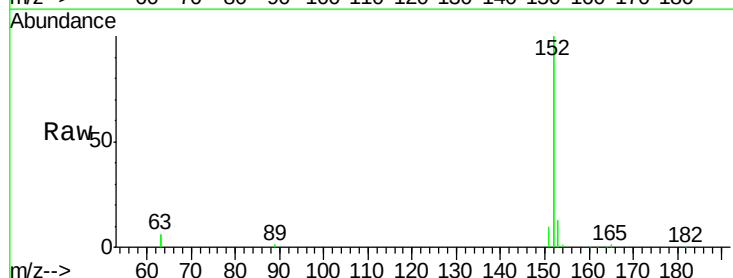
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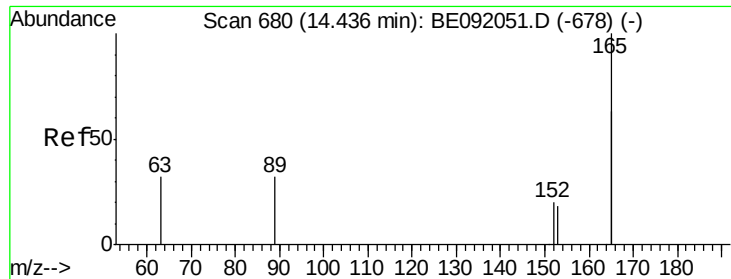
sohil
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#18
Acenaphthylene
Concen: 0.81 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.7	4.0	6.0
153	12.7	9.6	14.4





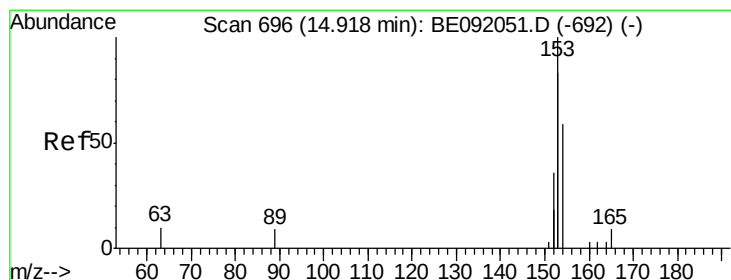
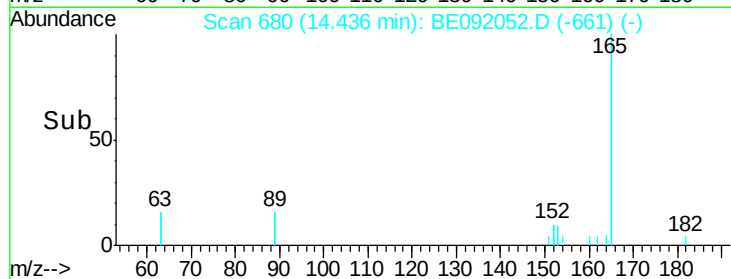
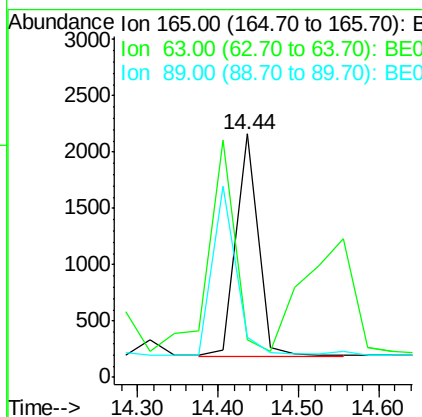
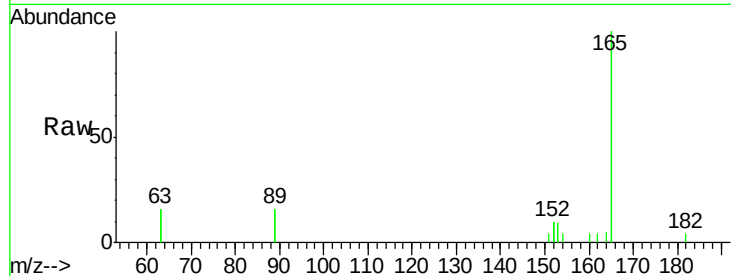
#19
 2,6-Dinitrotoluene
 Concen: 0.84 ng m
 RT: 14.44 min Scan# 680
 Delta R.T. -0.00 min
 Lab File: BE092052.D
 Acq: 27 Jul 2016 12:00

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	3878		
63	0.0	0.0	0.0	0.0
89	0.0	0.0	0.0	0.0

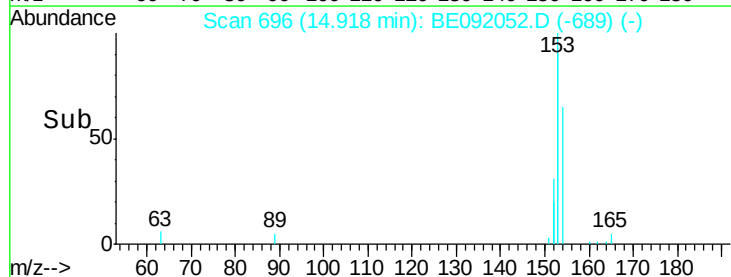
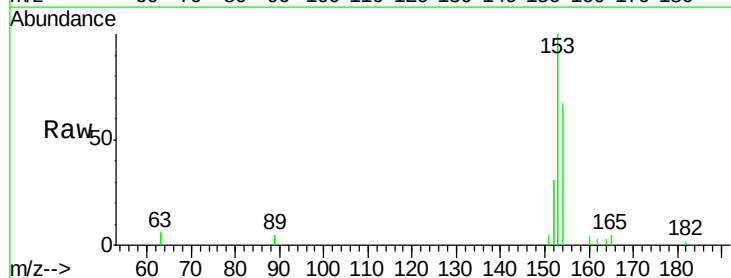
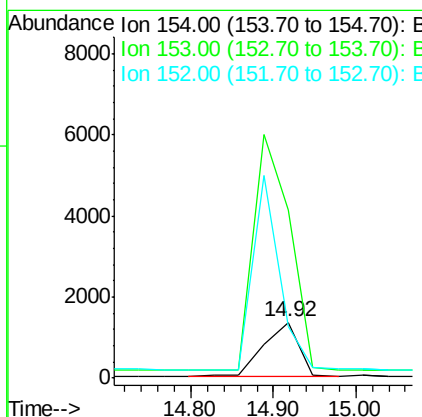
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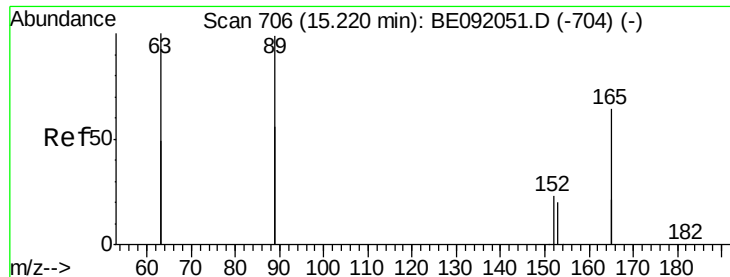
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#20
 Acenaphthene
 Concen: 0.69 ng
 RT: 14.92 min Scan# 696
 Delta R.T. -0.00 min
 Lab File: BE092052.D
 Acq: 27 Jul 2016 12:00

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	3949		
153	0.0	345.1	517.7#	
152	0.0	0.0	0.0	





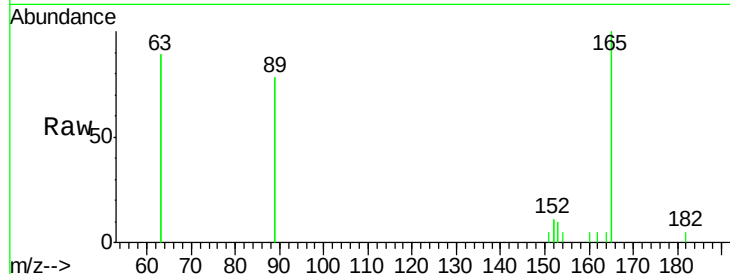
#21
2,4-Dinitrotoluene
Concen: 1.07 ng m
RT: 15.22 min Scan# 706
Delta R.T. -0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tgt Ion	Ratio	Lower	Upper
165	100		
63	274.5	324.0	486.0#
89	97.0	308.4	462.6#
182	0.0	0.0	0.0

Manual Integrations
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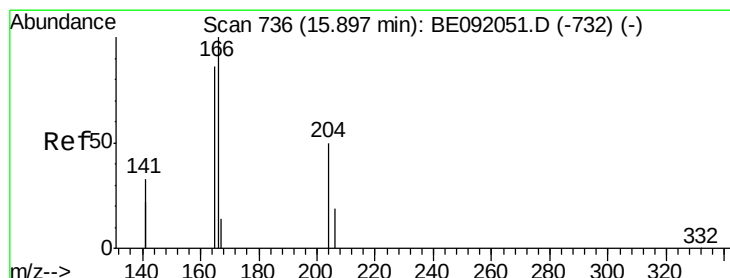
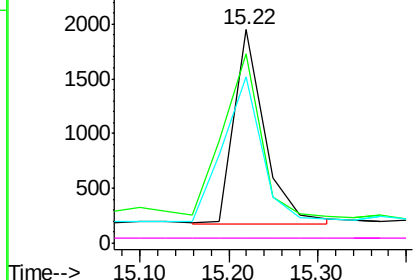
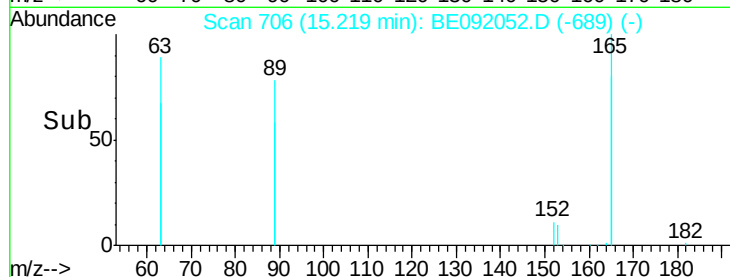


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BE0

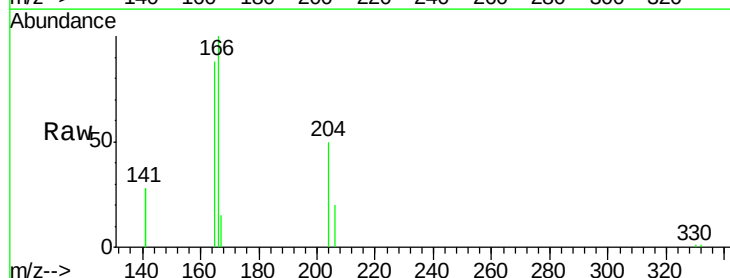
Ion 89.00 (88.70 to 89.70): BE0

Ion 182.00 (181.70 to 182.70): E



#22
Fluorene
Concen: 0.77 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

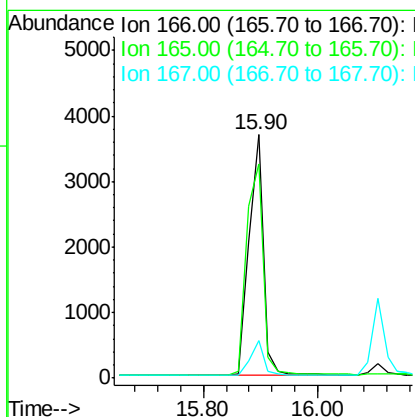
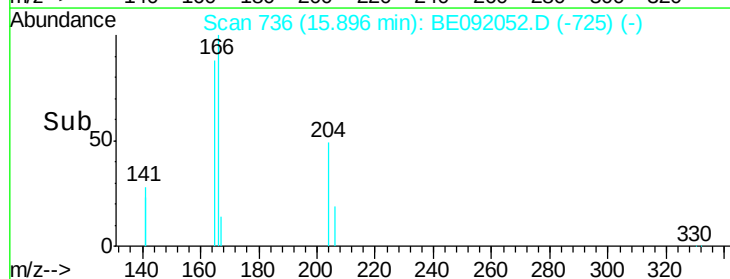
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	78.6	118.0
167	13.4	11.1	16.7

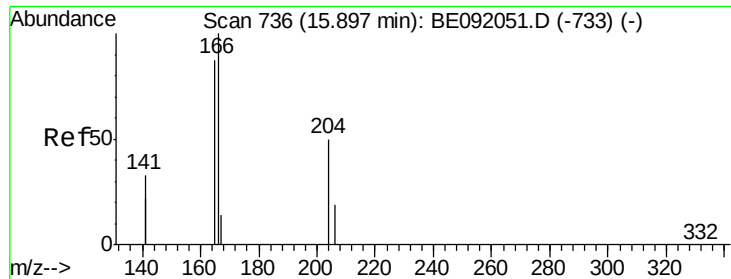


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





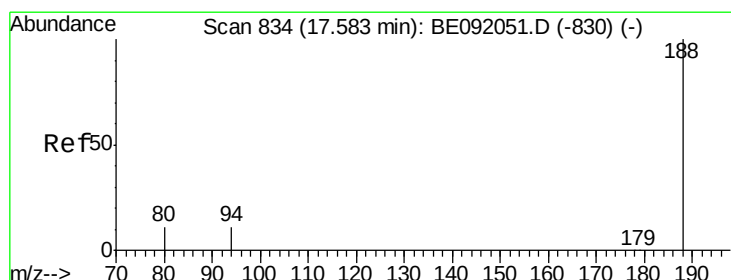
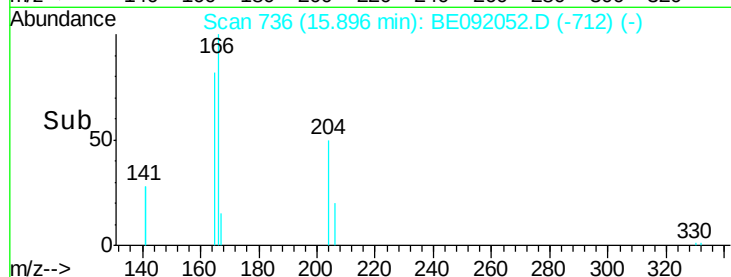
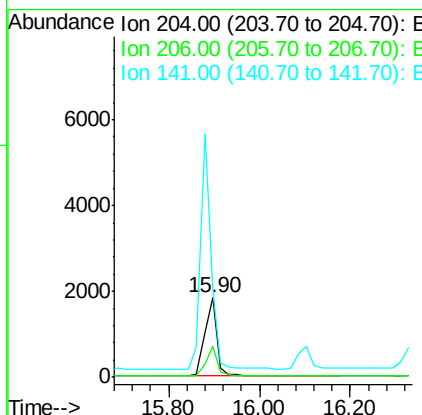
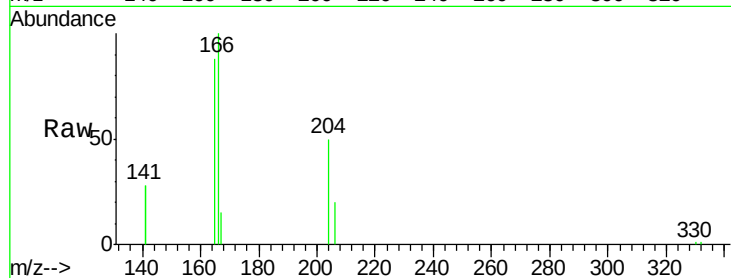
#23
4-Chlorophenyl-phenylether
Concen: 0.73 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion: 204 Resp: 3179
Ion Ratio Lower Upper
204 100
206 34.1 27.0 40.4
141 267.3 198.5 297.7

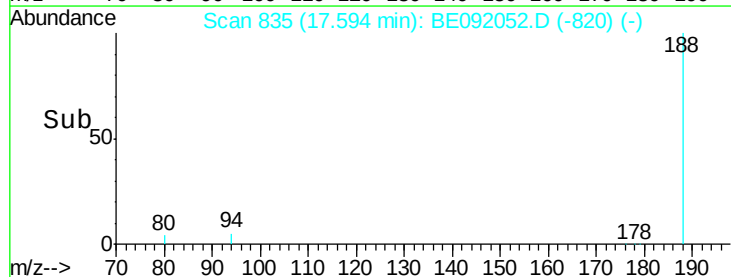
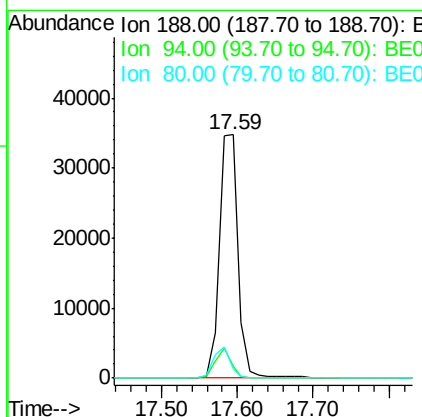
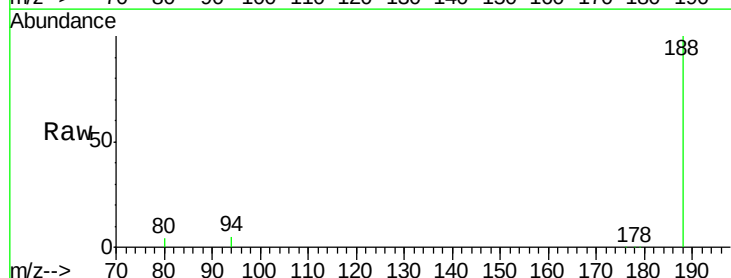
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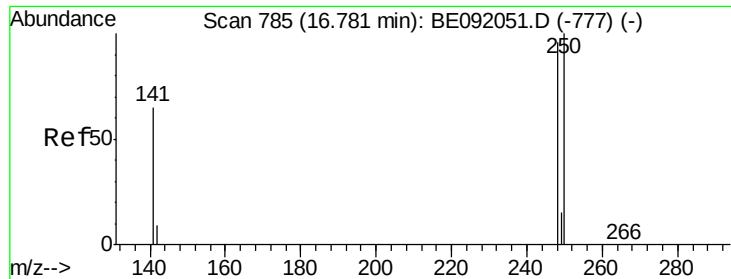
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.01 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Tgt Ion: 188 Resp: 59809
Ion Ratio Lower Upper
188 100
94 4.7 3.9 5.9
80 3.9 3.4 5.0





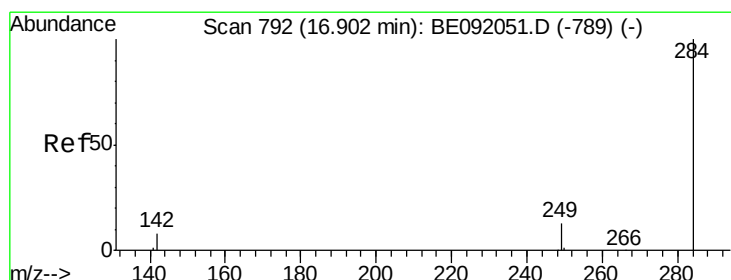
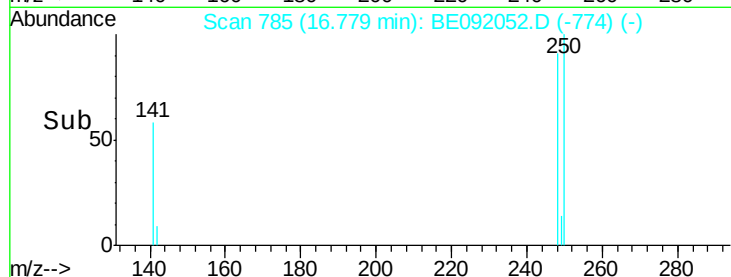
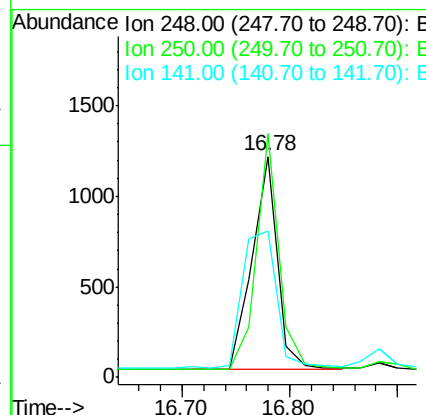
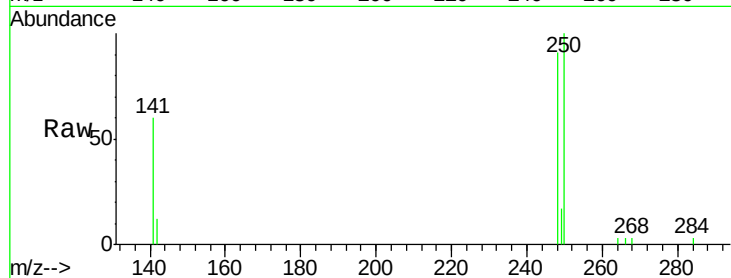
#25
4-Bromophenyl-phenylether
Concen: 0.74 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDIC0.8

Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.3	79.6	119.4
141	85.9	68.7	103.1

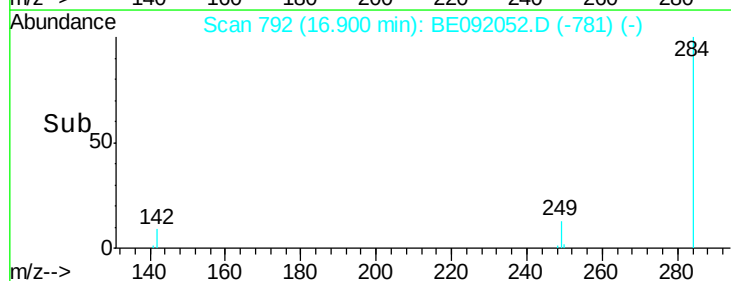
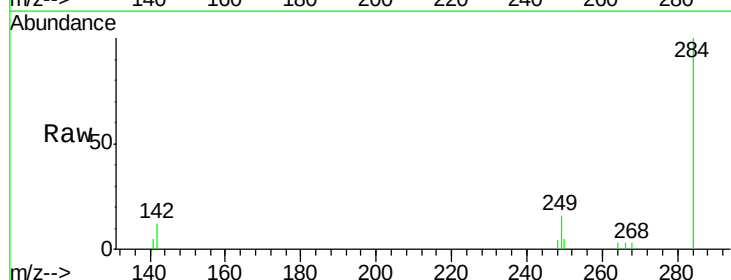
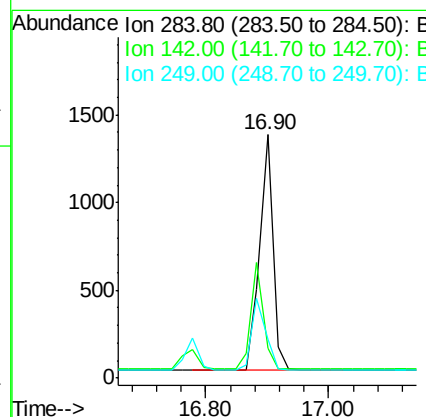
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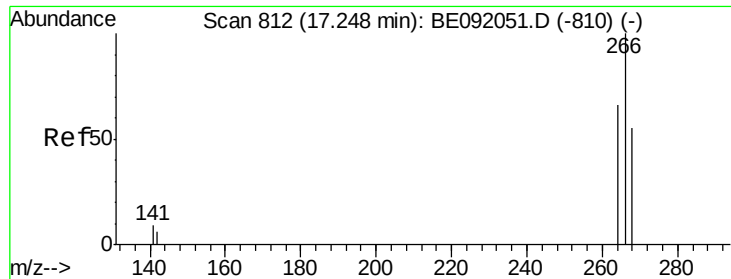
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#26
Hexachlorobenzene
Concen: 0.76 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	42.1	33.3	49.9
249	31.6	25.4	38.0





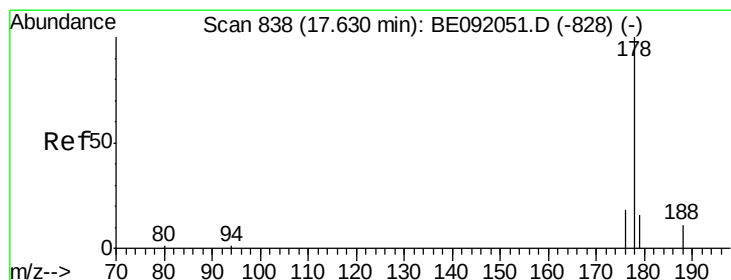
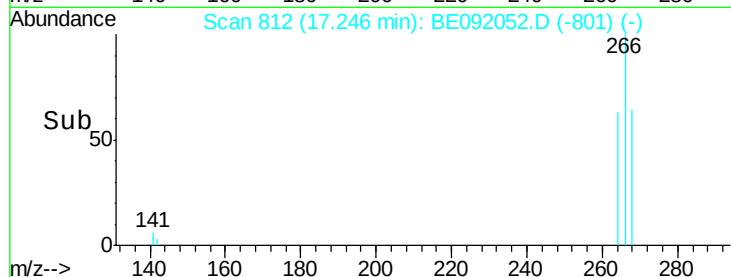
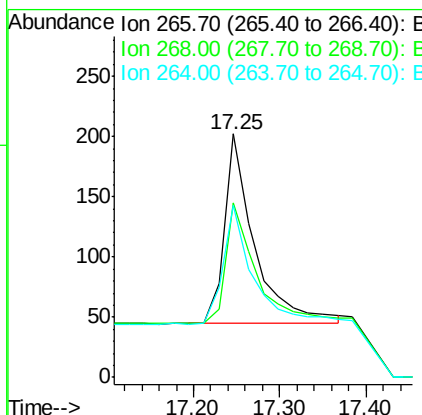
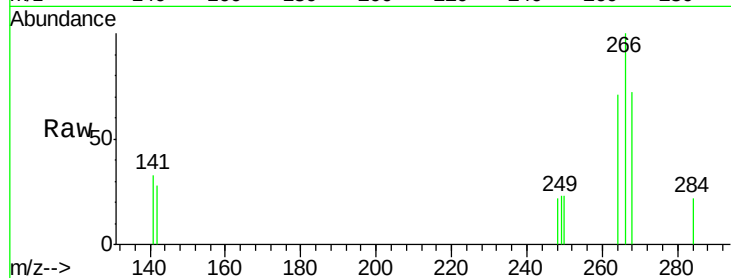
#27
 Pentachlorophenol
 Concen: 0.95 ng
 RT: 17.25 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BE092052.D
 Acq: 27 Jul 2016 12:00

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tgt Ion	Ratio	Lower	Upper
266	100		
268	71.8	62.7	94.1
264	70.8	63.5	95.3

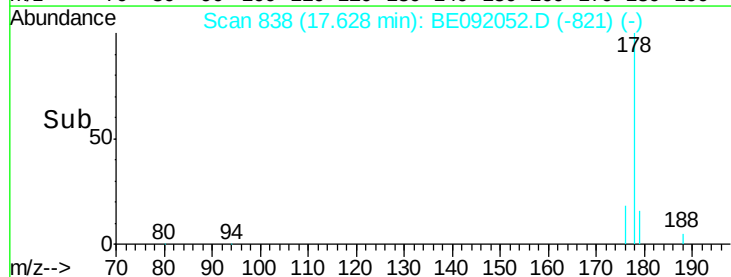
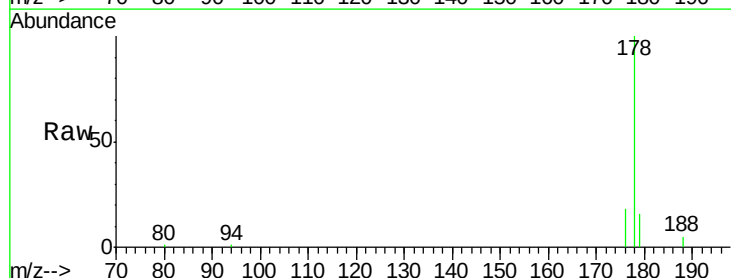
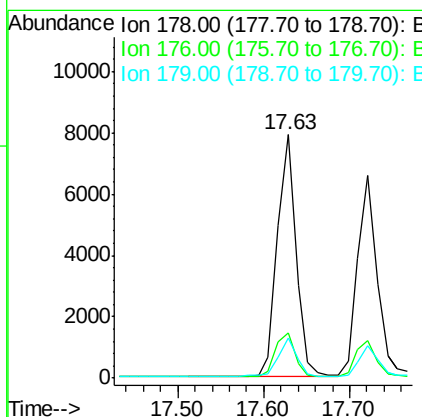
Manual Integrations
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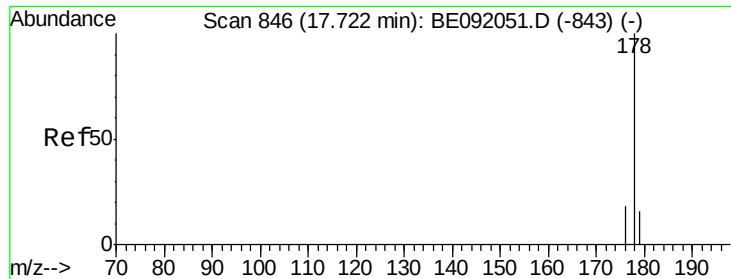
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#28
 Phenanthrene
 Concen: 0.73 ng
 RT: 17.63 min Scan# 838
 Delta R.T. -0.00 min
 Lab File: BE092052.D
 Acq: 27 Jul 2016 12:00

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.0
179	15.7	12.7	19.1





#29

Anthracene

Concen: 0.76 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Instrument :

BNA_E

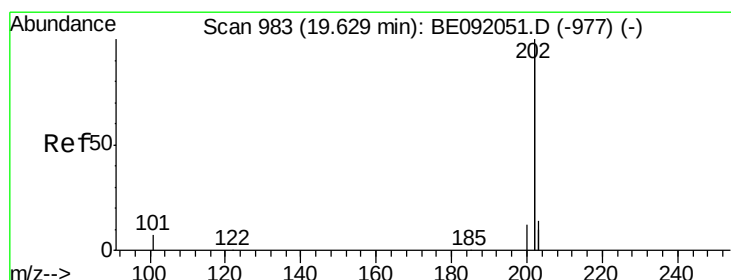
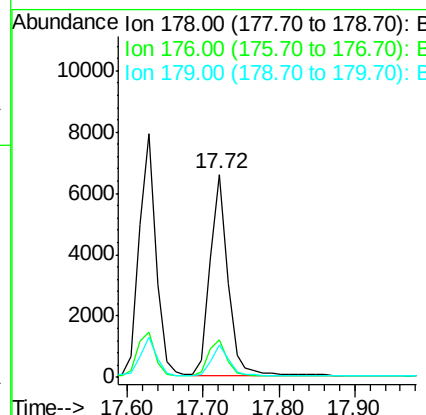
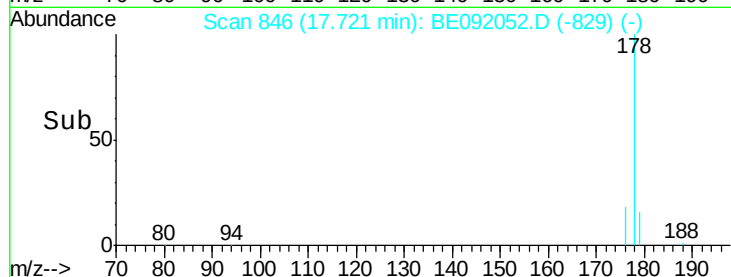
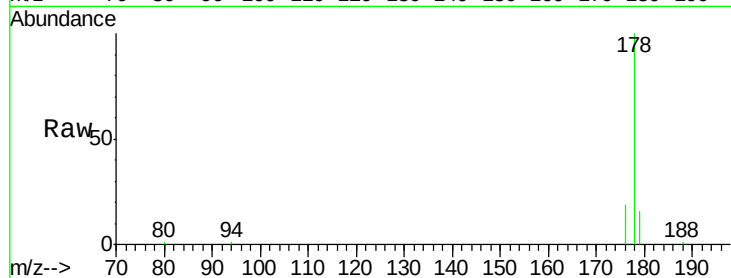
ClientSampled :

SSTDICC0.8

Tgt Ion:	178	Resp:	10547
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.2	22.8
179	15.1	12.2	18.4

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#30

Fluoranthene

Concen: 0.73 ng

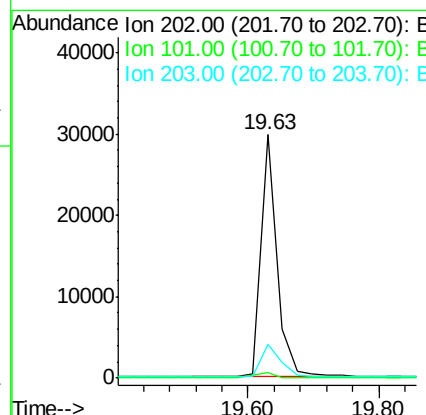
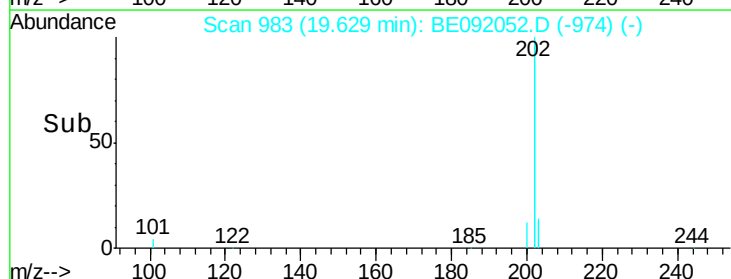
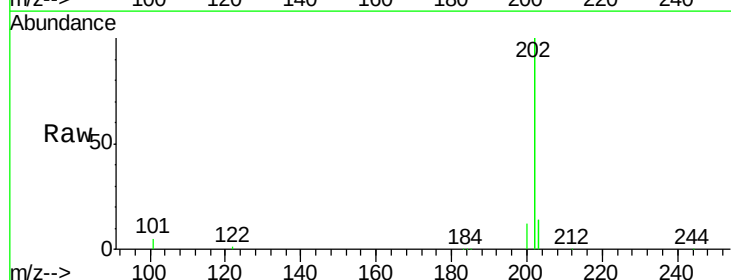
RT: 19.63 min Scan# 983

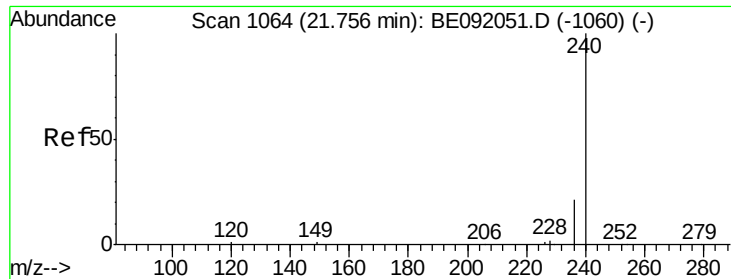
Delta R.T. 0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Tgt Ion:	202	Resp:	51017
Ion	Ratio	Lower	Upper
202	100		
101	2.7	2.2	3.2
203	16.1	13.0	19.4





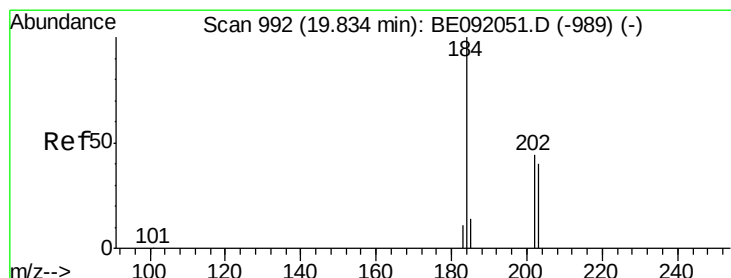
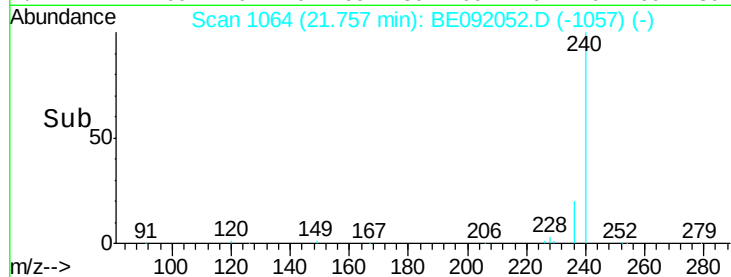
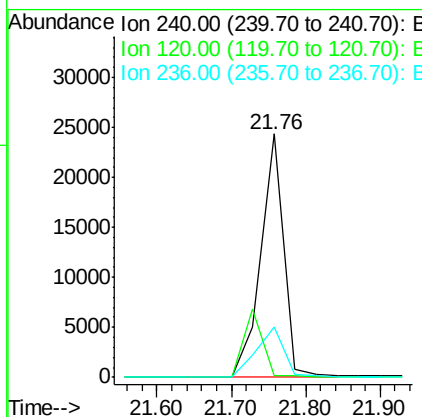
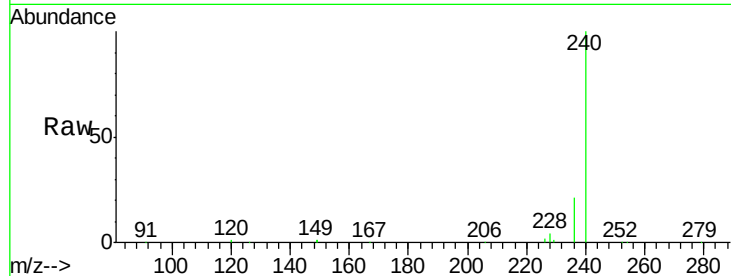
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 52743
Ion Ratio Lower Upper
240 100
120 0.9 0.6 1.0
236 20.6 18.2 27.4

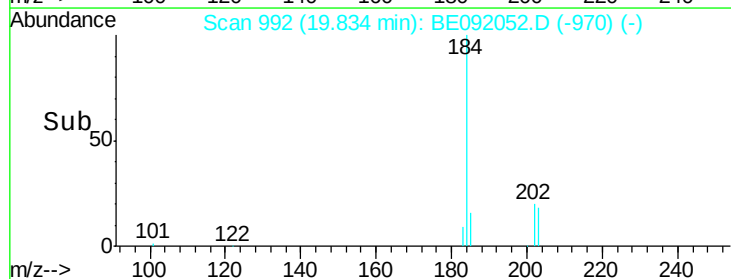
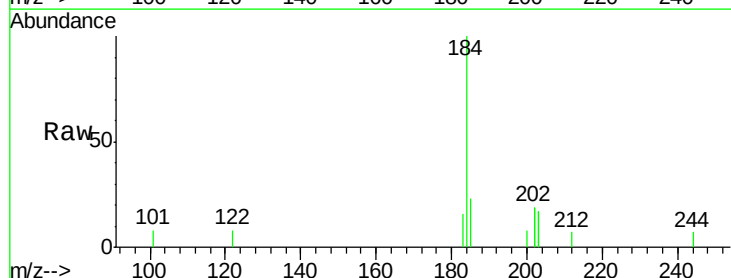
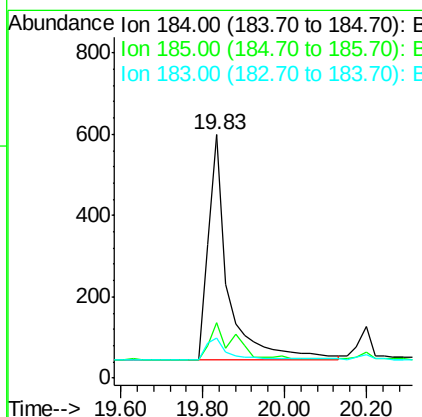
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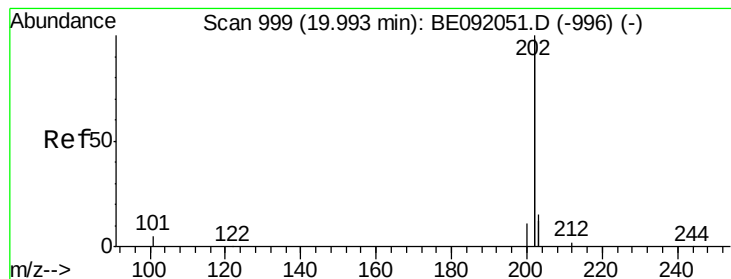
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#32
Benzidine
Concen: 1.07 ng
RT: 19.83 min Scan# 992
Delta R.T. 0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Tgt Ion:184 Resp: 1887
Ion Ratio Lower Upper
184 100
185 22.5 23.8 35.6#
183 16.4 20.7 31.1#





#33

Pyrene

Concen: 0.95 ng

RT: 19.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Instrument :

BNA_E

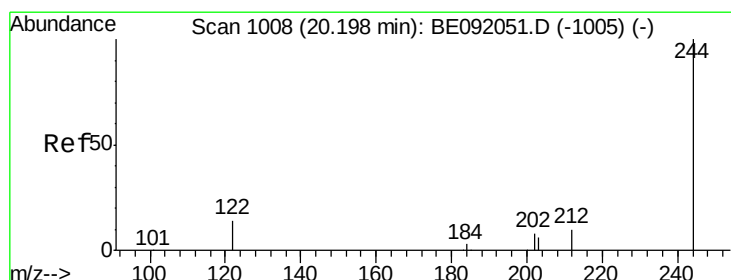
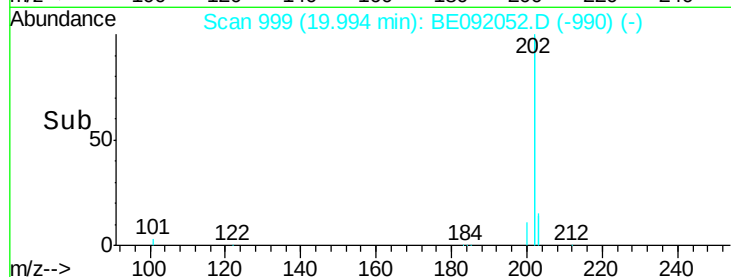
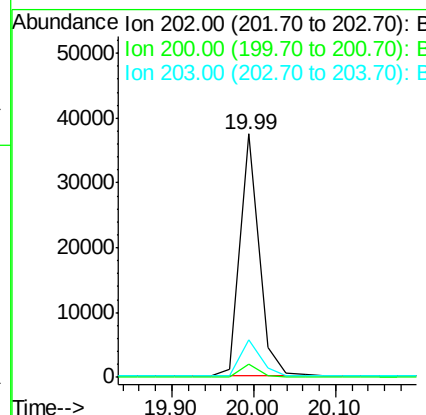
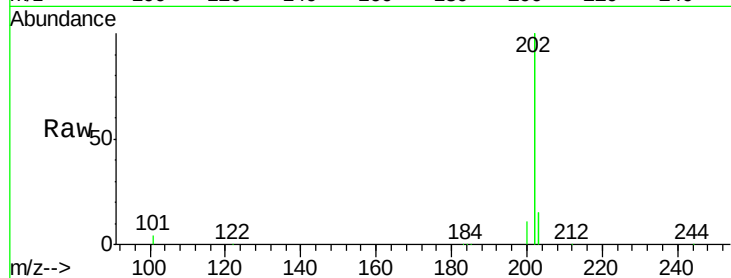
ClientSampleId :

SSTDICC0.8

Tgt Ion:	202	Resp:	59560
Ion Ratio	Lower	Upper	
202	100		
200	5.2	4.4	6.6
203	16.3	13.4	20.0

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#34

Terphenyl-d14

Concen: 0.75 ng

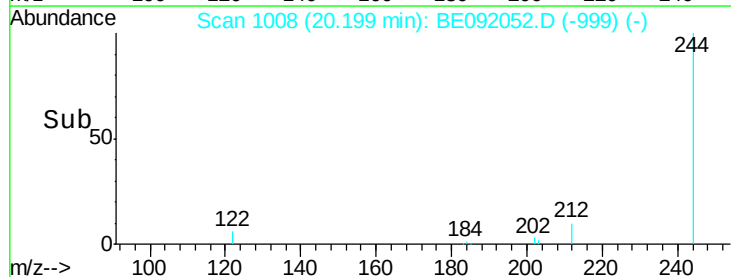
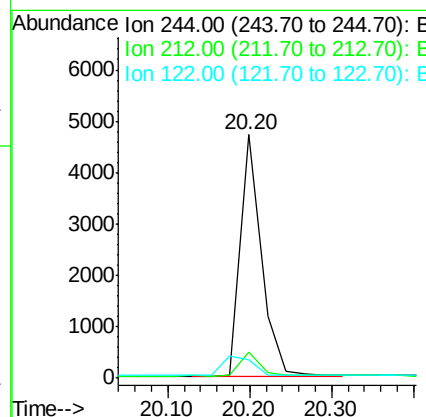
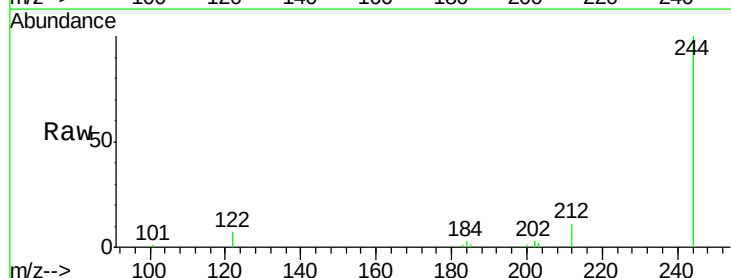
RT: 20.20 min Scan# 1008

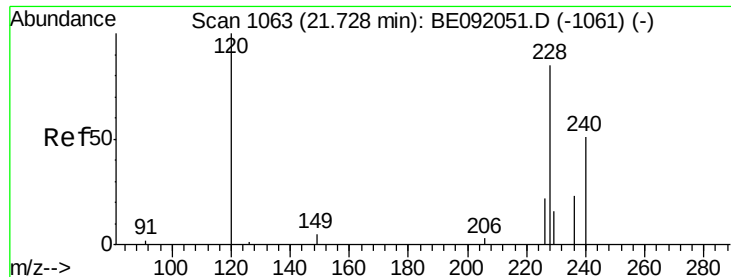
Delta R.T. 0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Tgt Ion:	244	Resp:	8238
Ion Ratio	Lower	Upper	
244	100		
212	10.7	9.1	13.7
122	7.4	11.0	16.4#





#35

Benzo(a)anthracene

Concen: 0.61 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Instrument :

BNA_E

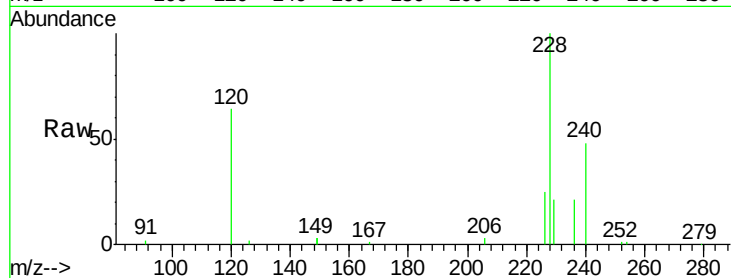
ClientSampleId :

SSTDIC0.8

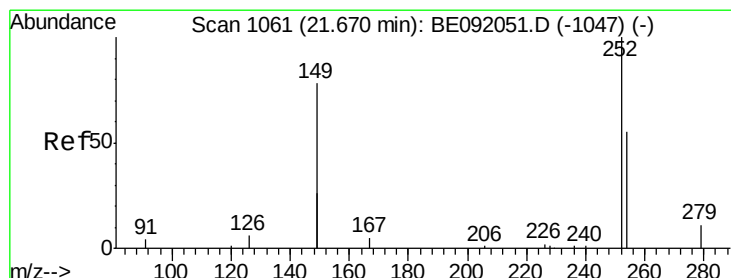
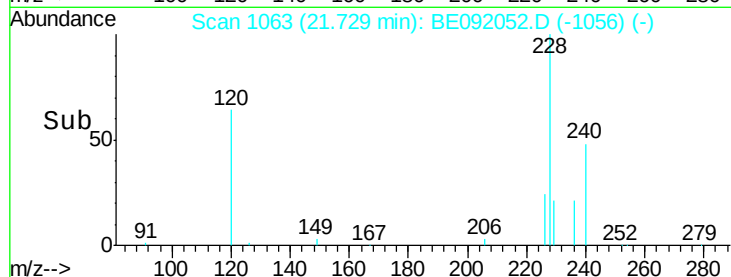
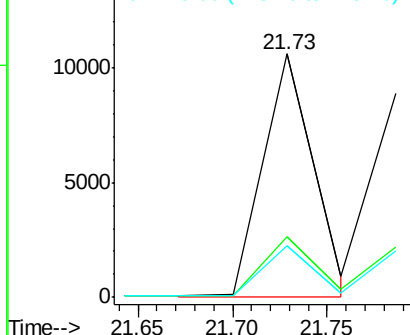
Tgt Ion:	228	Resp:	19754
Ion Ratio	Lower	Upper	
228	100		
226	24.7	22.1	33.1
229	21.2	15.1	22.7

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#36

3,3'-Dichlorobenzidine

Concen: 1.20 ng

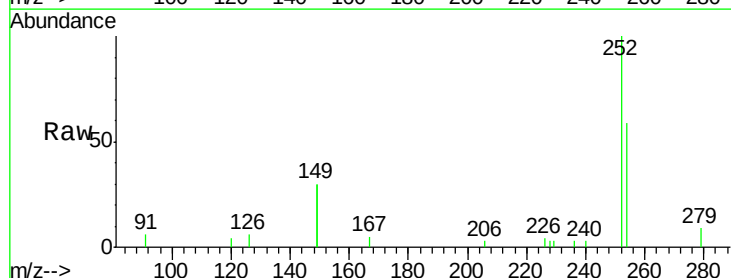
RT: 21.67 min Scan# 1061

Delta R.T. 0.00 min

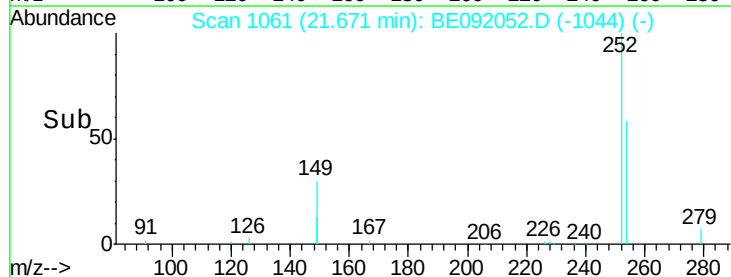
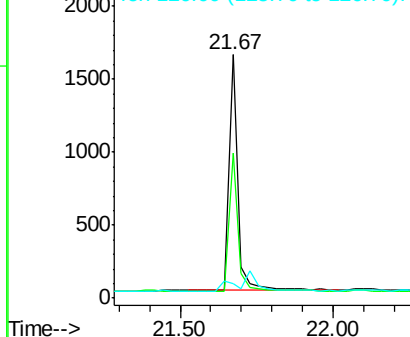
Lab File: BE092052.D

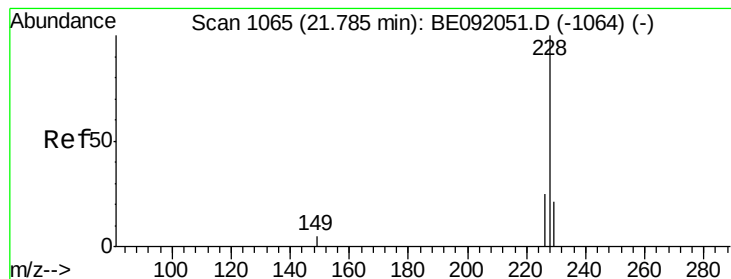
Acq: 27 Jul 2016 12:00

Tgt Ion:	252	Resp:	3347
Ion Ratio	Lower	Upper	
252	100		
254	59.4	44.2	66.2
126	6.0	10.6	15.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#37

Chrysene

Concen: 0.44 ng m

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Instrument :

BNA_E

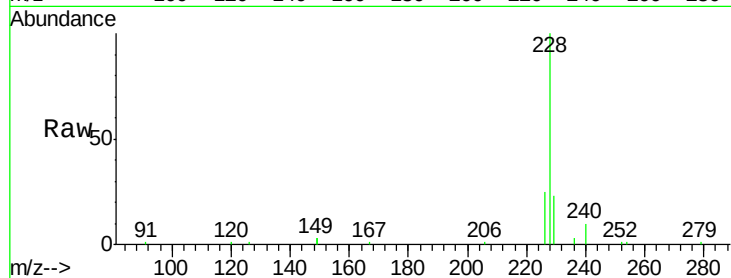
ClientSampled :

SSTDICC0.8

Tgt Ion:	228	Resp:	16169
Ion	Ratio	Lower	Upper
228	100		
226	25.0	22.3	33.5
229	22.8	16.9	25.3

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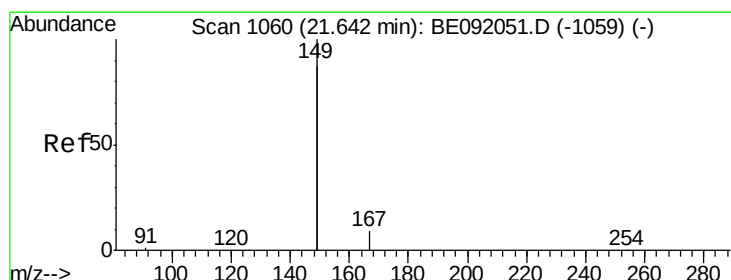
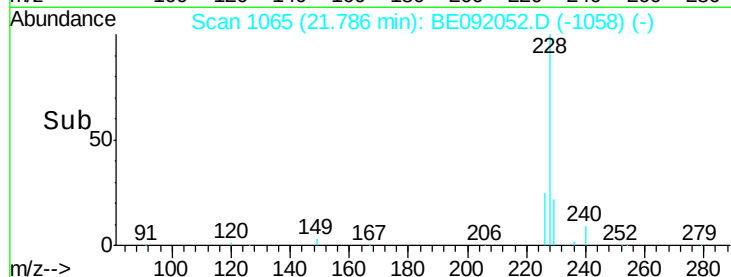
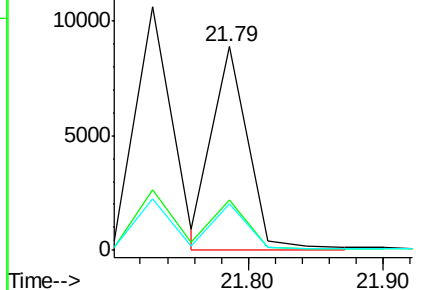
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#38

Bis(2-ethylhexyl)phthalate

Concen: 0.61 ng

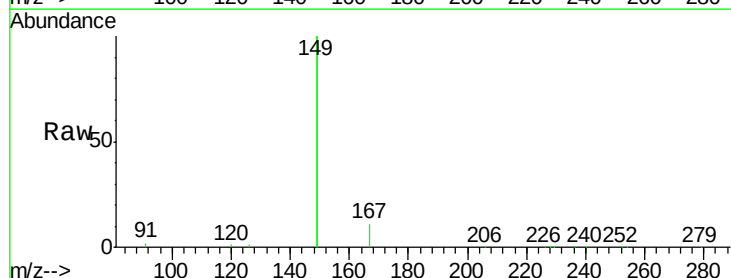
RT: 21.64 min Scan# 1060

Delta R.T. 0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

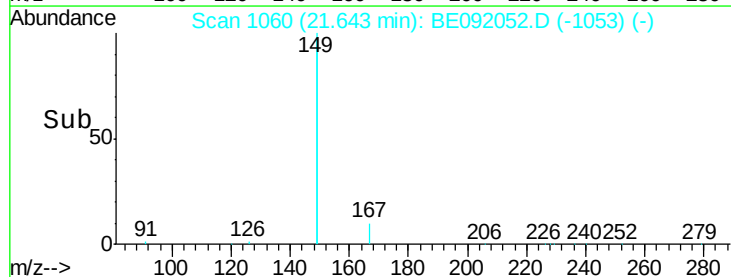
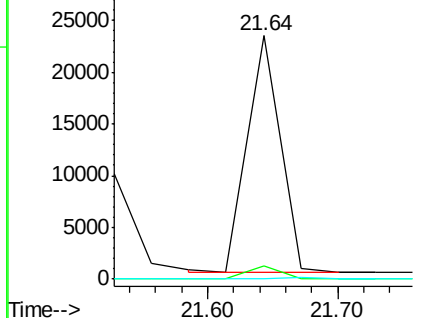
Tgt Ion:	149	Resp:	39956
Ion	Ratio	Lower	Upper
149	100		
167	5.4	3.8	5.6
279	0.0	0.0	0.0

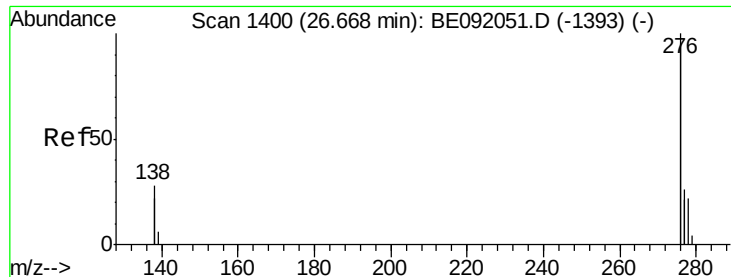


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





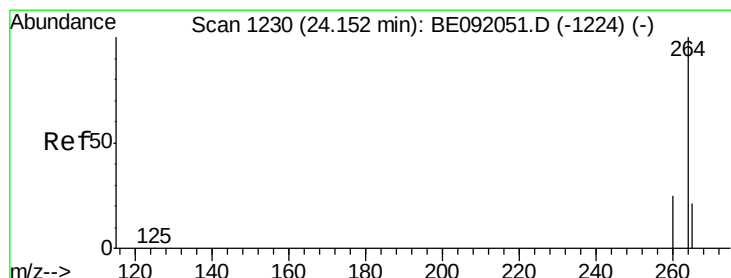
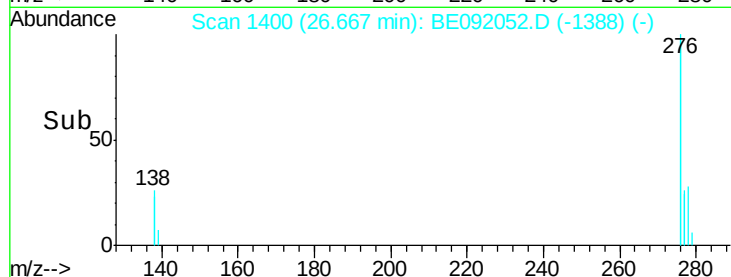
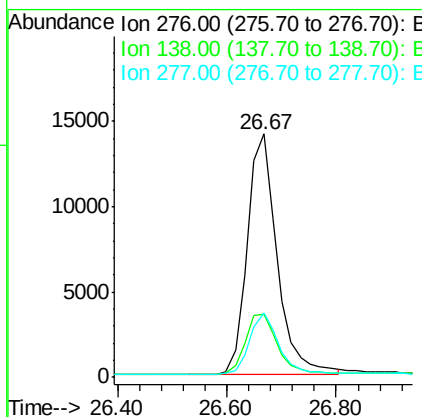
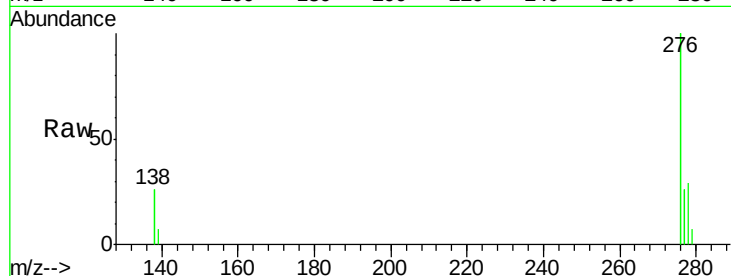
#39
 Indeno(1,2,3-cd)pyrene
 Concen: 0.93 ng
 RT: 26.67 min Scan# 1400
 Delta R.T. -0.00 min
 Lab File: BE092052.D
 Acq: 27 Jul 2016 12:00

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC0.8

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.0	21.2	31.8
277	24.9	19.8	29.8

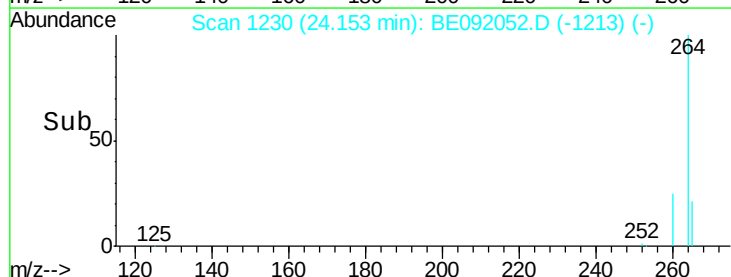
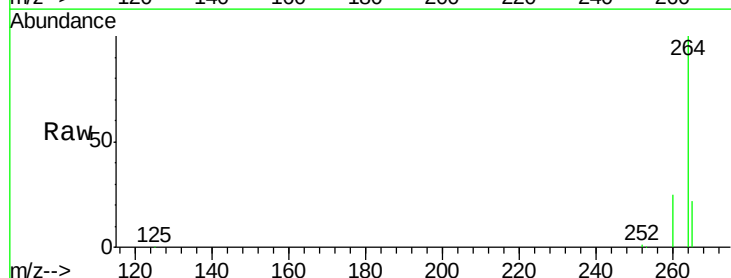
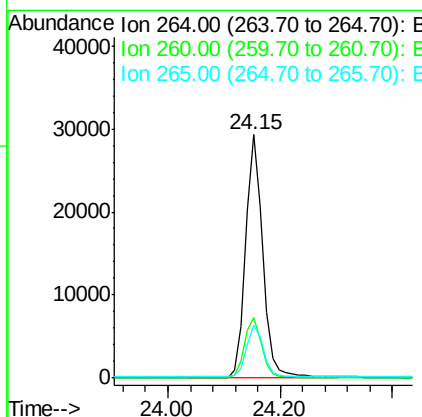
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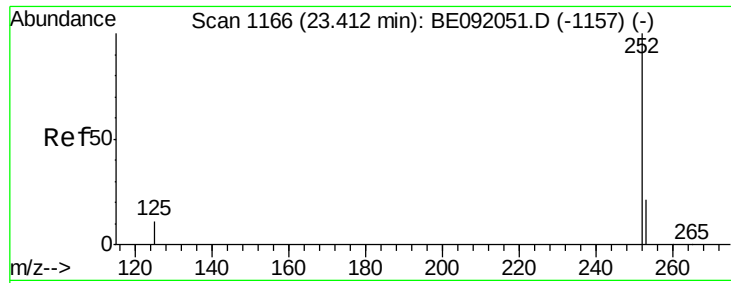
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#40
 Perylene-d12
 Concen: 5.00 ng
 RT: 24.15 min Scan# 1230
 Delta R.T. 0.00 min
 Lab File: BE092052.D
 Acq: 27 Jul 2016 12:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.0	20.8	31.2
265	21.7	16.6	25.0





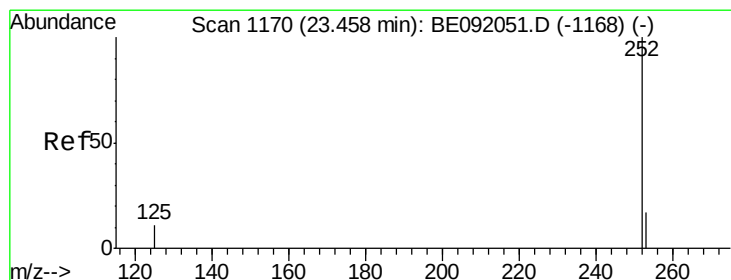
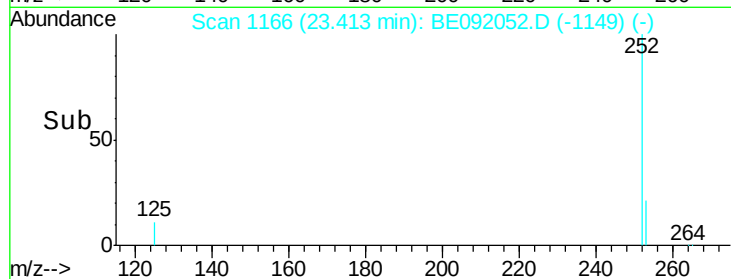
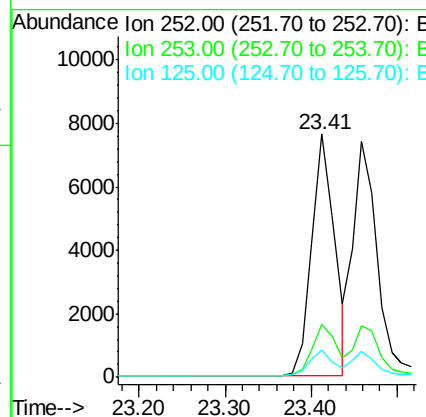
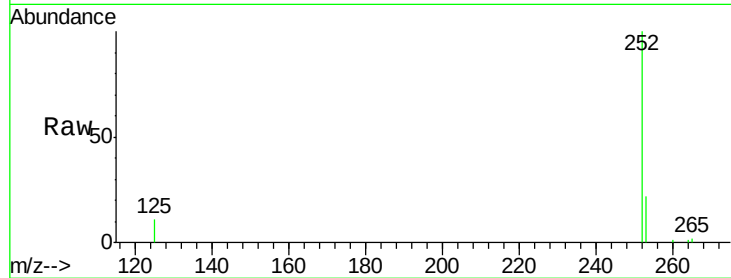
#41
Benzo(b)fluoranthene
Concen: 0.46 ng
RT: 23.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Instrument :
BNA_E
ClientSampleId :
SSTDICC0.8

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	11.3	10.2	15.2

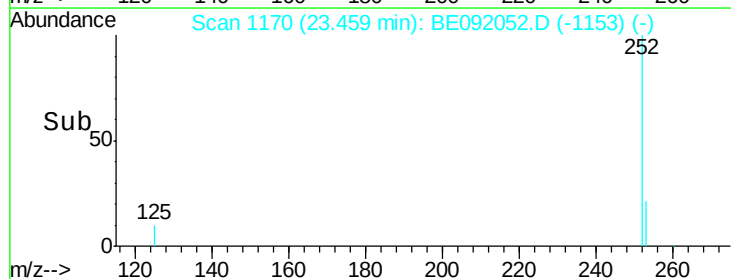
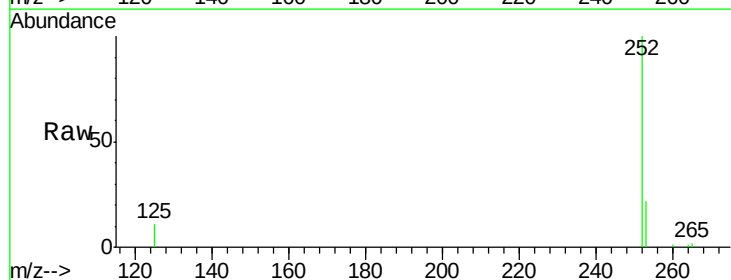
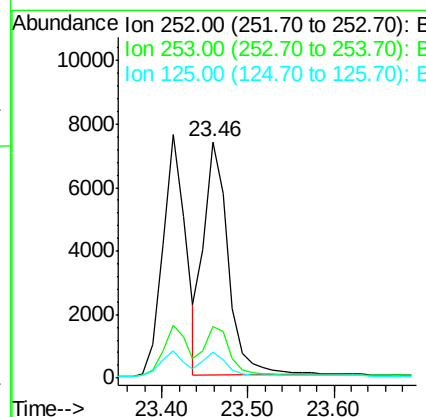
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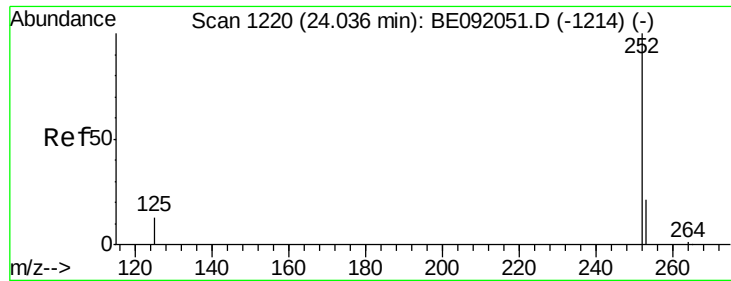
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#42
Benzo(k)fluoranthene
Concen: 0.50 ng
RT: 23.46 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BE092052.D
Acq: 27 Jul 2016 12:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.4	29.0
125	11.2	8.9	13.3





#43

Benzo(a)pyrene

Concen: 0.60 ng

RT: 24.04 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BE092052.D

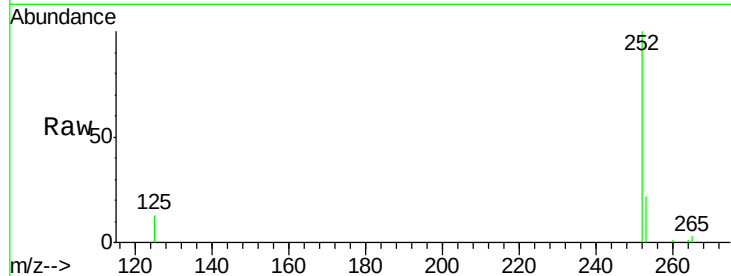
Acq: 27 Jul 2016 12:00

Instrument :

BNA_E

ClientSampleId :

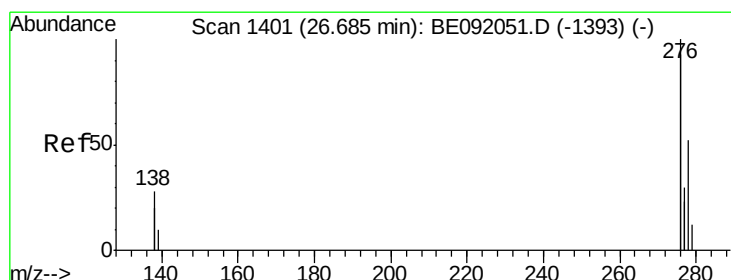
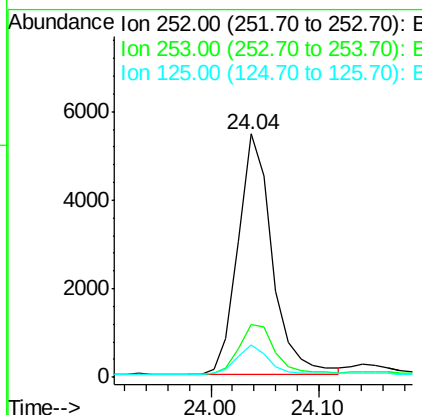
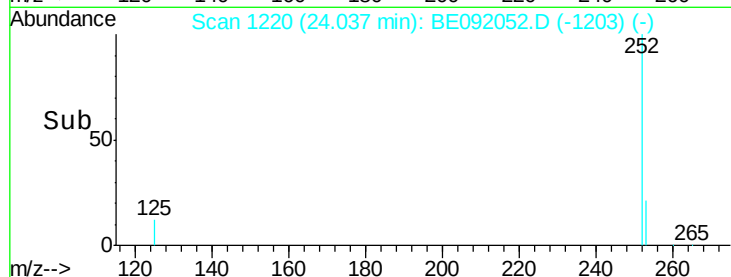
SSTDICC0.8



Tgt Ion:	252	Resp:	11946
Ion Ratio	Lower	Upper	
252	100		
253	21.7	19.8	29.8
125	13.1	10.4	15.6

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#44

Dibenzo(a,h)anthracene

Concen: 0.80 ng

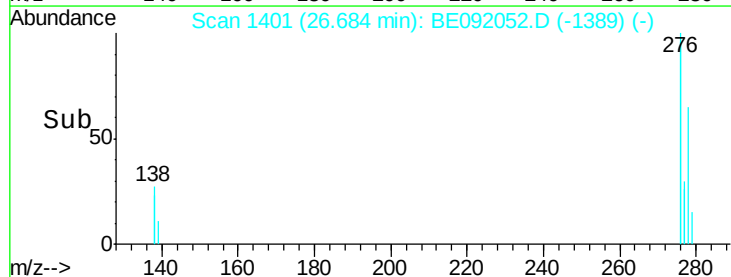
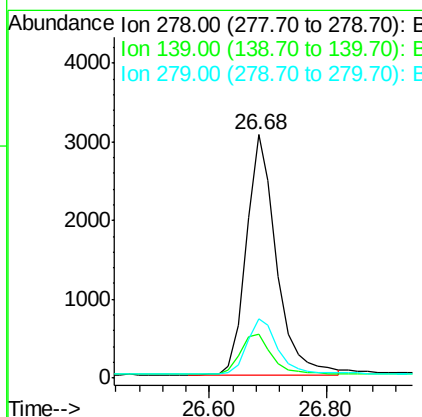
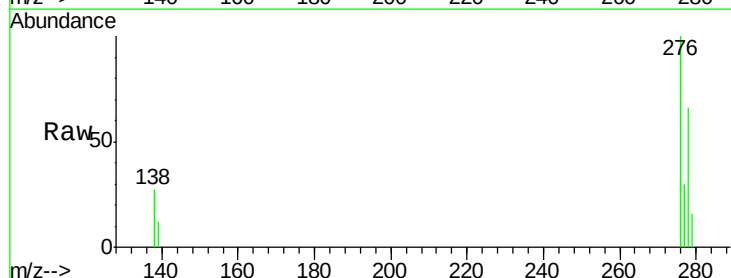
RT: 26.68 min Scan# 1401

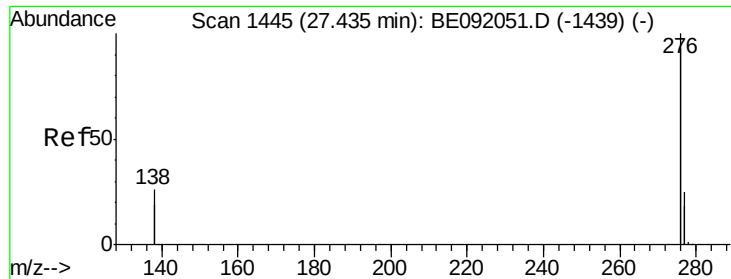
Delta R.T. -0.00 min

Lab File: BE092052.D

Acq: 27 Jul 2016 12:00

Tgt Ion:	278	Resp:	10902
Ion Ratio	Lower	Upper	
278	100		
139	18.1	16.7	25.1
279	24.5	20.3	30.5





#45

Benzo(g,h,i)perylene

Concen: 0.78 ng

RT: 27.43 min Scan# 1445

Delta R.T. -0.00 min

Lab File: BE092052.D

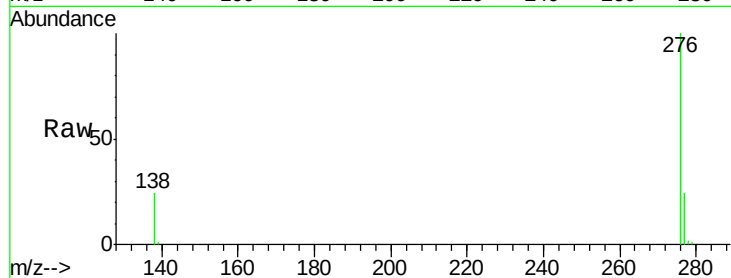
Acq: 27 Jul 2016 12:00

Instrument :

BNA_E

ClientSampleId :

SSTDIC0.8



Tgt Ion: 276 Resp: 45338

Ion Ratio Lower Upper

276 100

277 24.3 19.5 29.3

138 24.3 20.8 31.2

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