

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092062.D
 Acq On : 27 Jul 2016 18:39
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

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 7/28/2016 5:01:15 PM

Quant Time: Jul 28 05:58:53 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 17:13:26 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	9940	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	44212	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	21037	5.00	ng	0.00
24) Phenanthrene-d10	17.58	188	63949	5.00	ng	0.00
31) Chrysene-d12	21.76	240	64991	5.00	ng	0.00
40) Perylene-d12	24.15	264	66016	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.70	112	811	0.37	ng	-0.02
5) Phenol-d6	7.35	99	1013	0.34	ng	0.00
9) Nitrobenzene-d5	9.37	82	1150	0.35	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	250	0.43	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	3181	0.38	ng	0.00
34) Terphenyl-d14	20.20	244	3921	0.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.46	88	570	0.42	ng	99
3) n-Nitrosodimethylamine	3.82	42	636	0.39	ng	# 94
6) bis(2-Chloroethyl)ether	7.61	93	1069	0.37	ng	94
7) n-Nitroso-di-n-propylamine	9.00	70	871	0.37	ng	99
10) Nitrobenzene	9.40	77	1191	0.37	ng	99
11) bis(2-Chloroethoxy)methane	10.42	93	1340	0.36	ng	97
12) Naphthalene	11.04	128	3909	0.40	ng	99
13) Hexachlorobutadiene	11.32	225	603	0.42	ng	# 99
14) 2-Methylnaphthalene	12.66	142	2477	0.40	ng	90
18) Acenaphthylene	14.56	152	20122	0.37	ng	99
19) 2,6-Dinitrotoluene	14.44	165	1896	0.42	ng	# 100
20) Acenaphthene	14.92	154	2212	0.38	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	1811m	0.36	ng	
22) Fluorene	15.90	166	3394	0.38	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	1689	0.38	ng	88
25) 4-Bromophenyl-phenylether	16.78	248	1058	0.40	ng	98
26) Hexachlorobenzene	16.90	284	1093	0.40	ng	99
27) Pentachlorophenol	17.25	266	184	0.50	ng	97
28) Phenanthrene	17.63	178	6586	0.41	ng	100
29) Anthracene	17.72	178	5787	0.39	ng	99
30) Fluoranthene	19.63	202	26911	0.37	ng	99
32) Benzidine	19.83	184	853	0.35	ng	96
33) Pyrene	19.99	202	30582	0.37	ng	99
35) Benzo(a)anthracene	21.73	228	11781m	0.41	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	1545	0.43	ng	98
37) Chrysene	21.79	228	11524m	0.37	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	24253	0.45	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.67	276	27298	0.36	ng	100
41) Benzo(b)fluoranthene	23.41	252	8415	0.43	ng	98
42) Benzo(k)fluoranthene	23.46	252	9195	0.47	ng	96
43) Benzo(a)pyrene	24.05	252	6769	0.40	ng	100
44) Dibenzo(a,h)anthracene	26.70	278	5457	0.37	ng	95
45) Benzo(g,h,i)perylene	27.45	276	23077	0.38	ng	95

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Manual Integrations
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Quant Time: Jul 28 05:58:53 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 17:13:26 2016
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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

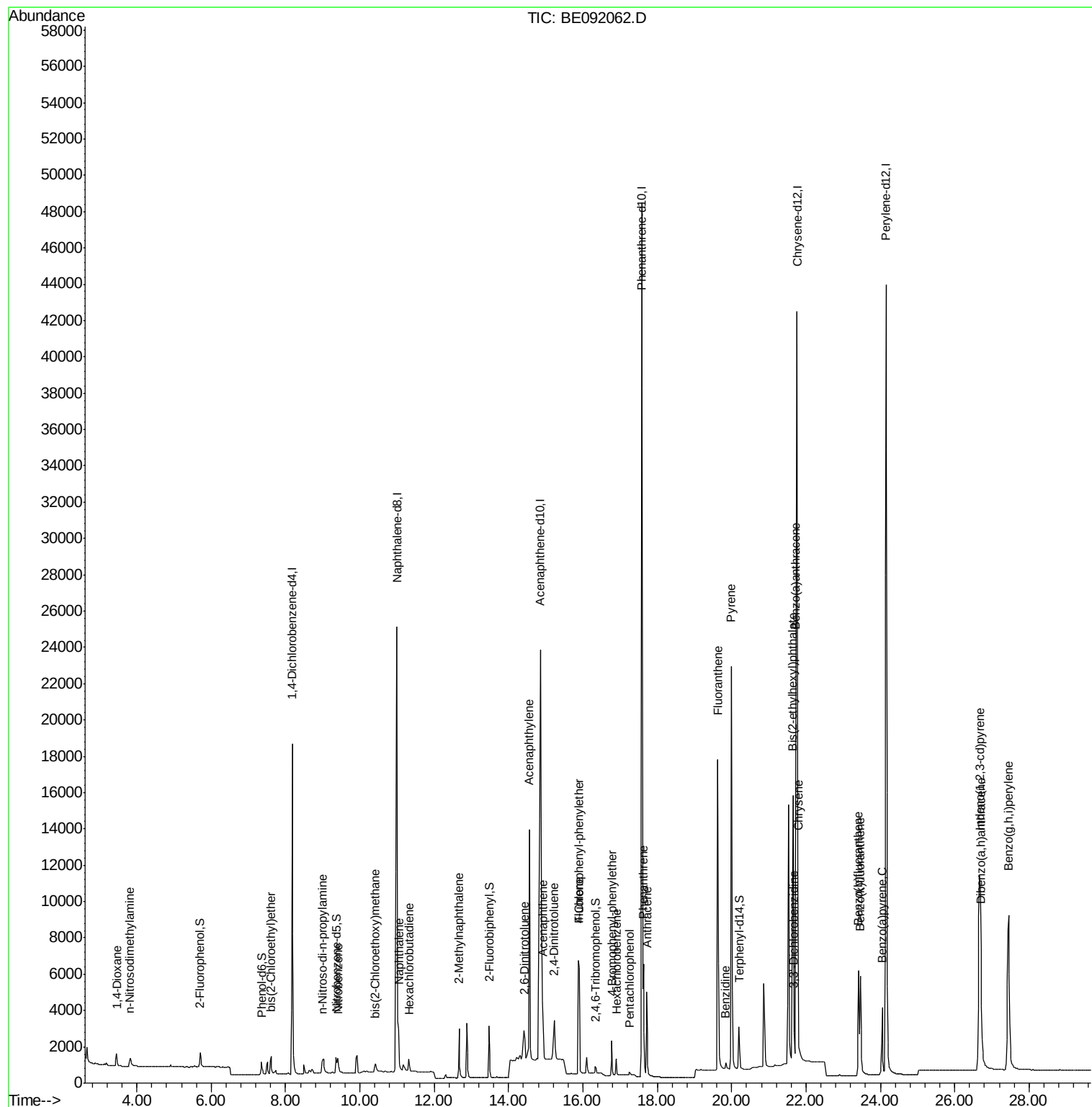
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
Data File : BE092062.D
Acq On : 27 Jul 2016 18:39
Operator : UM/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

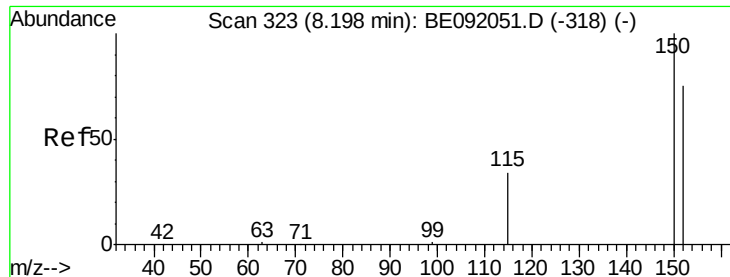
Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.02 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

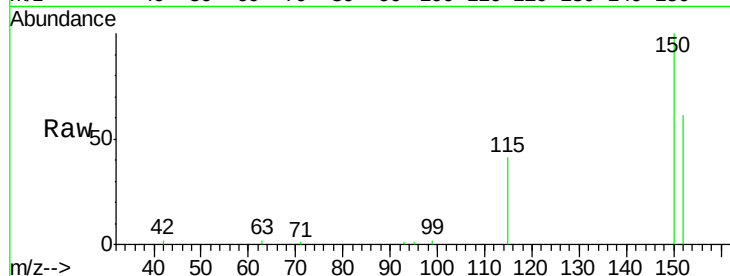
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
152	100		
150	164.5	106.0	159.0#
115	67.5	36.9	55.3#

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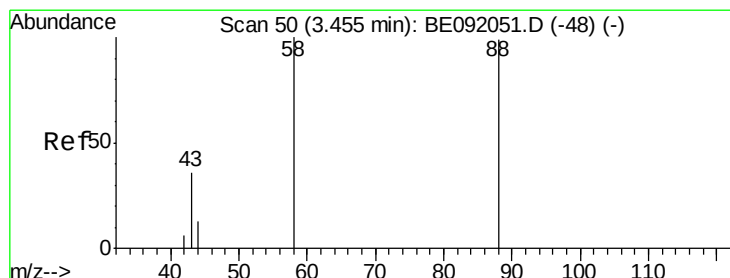
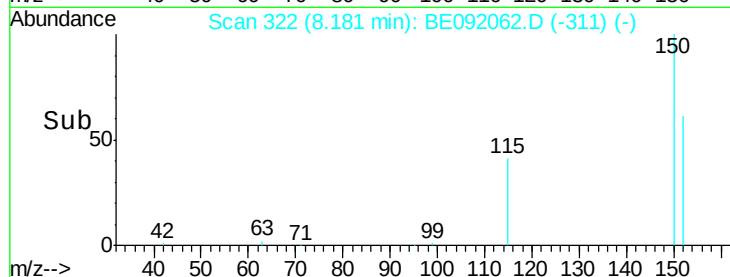
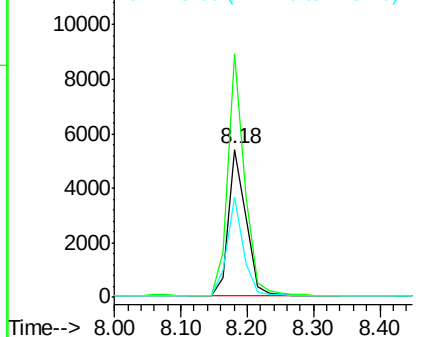


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.42 ng

RT: 3.46 min Scan# 50

Delta R.T. 0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

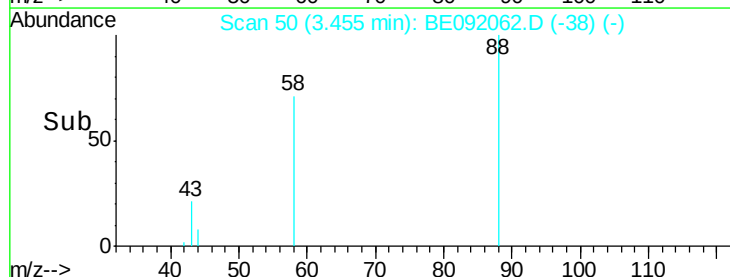
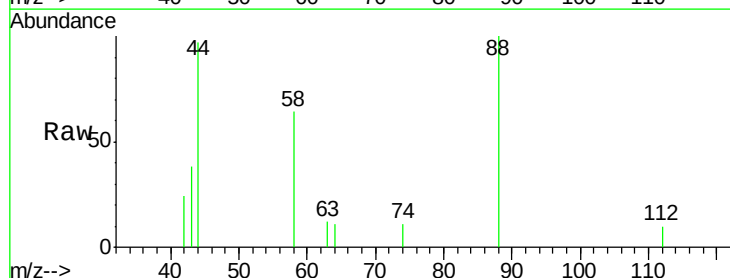
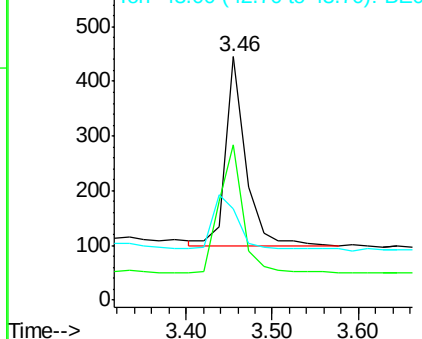
Tgt Ion	Ratio	Lower	Upper
88	100		
58	77.5	62.1	93.1
43	35.3	27.2	40.8

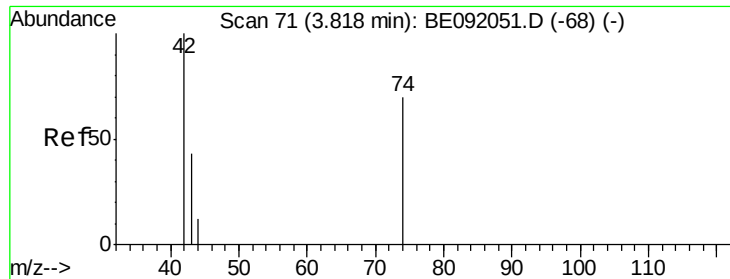
Abundance

Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.39 ng

RT: 3.82 min Scan# 71

Delta R.T. 0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

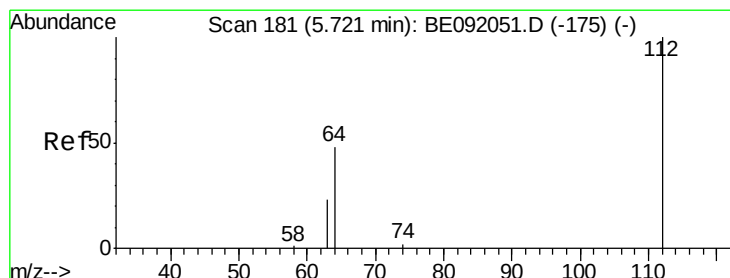
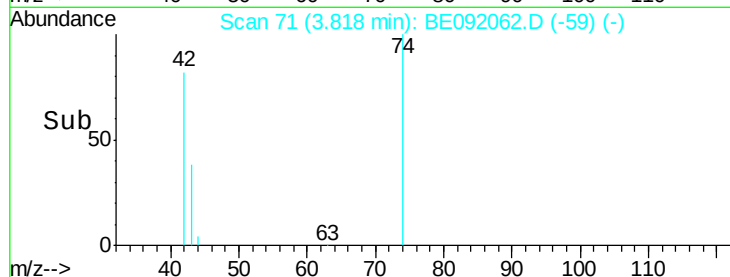
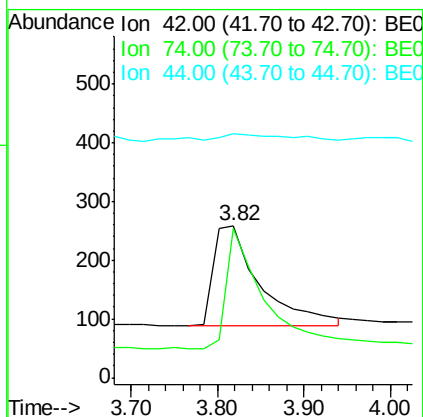
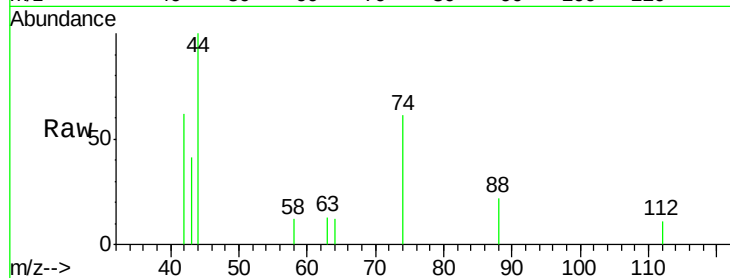
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	42	Resp:	636
Ion	Ratio	Lower	Upper
42	100		
74	97.3	82.8	124.2
44	8.8	9.0	13.4#

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#4

2-Fluorophenol

Concen: 0.37 ng

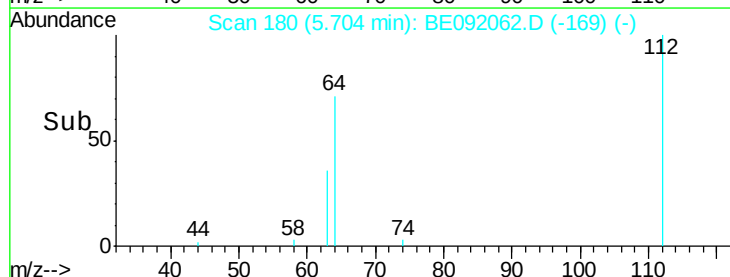
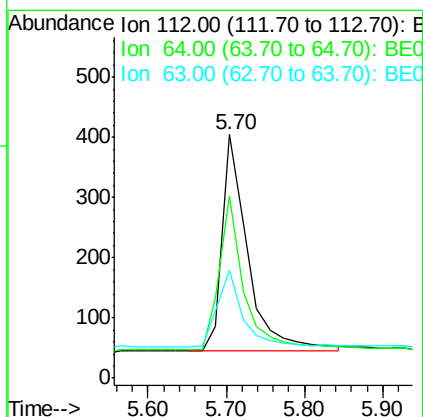
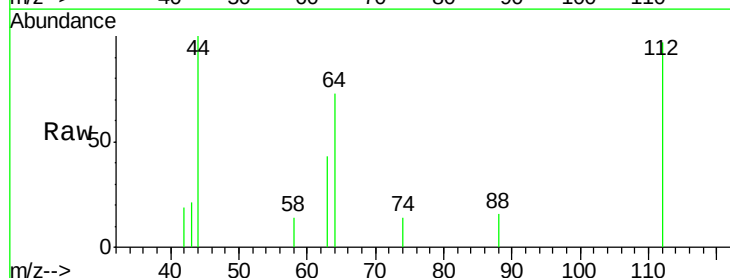
RT: 5.70 min Scan# 180

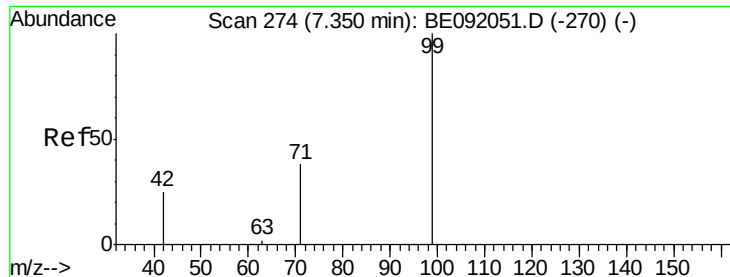
Delta R.T. -0.02 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Tgt Ion:	112	Resp:	811
Ion	Ratio	Lower	Upper
112	100		
64	69.5	55.9	83.9
63	38.1	31.1	46.7





#5

Phenol-d6

Concen: 0.34 ng

RT: 7.35 min Scan# 274

Delta R.T. 0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

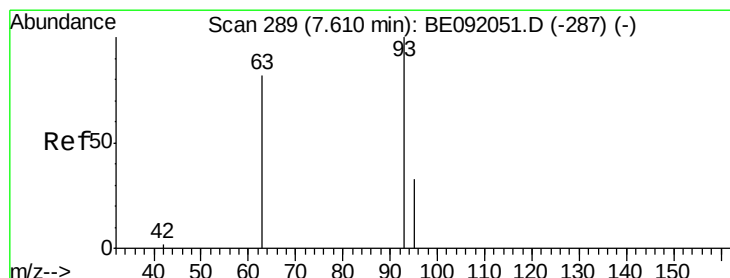
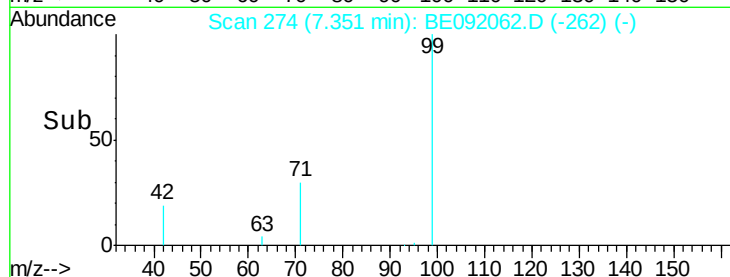
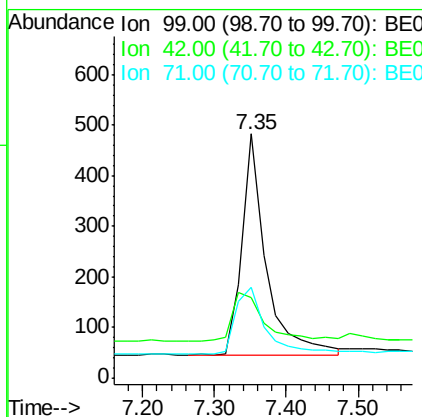
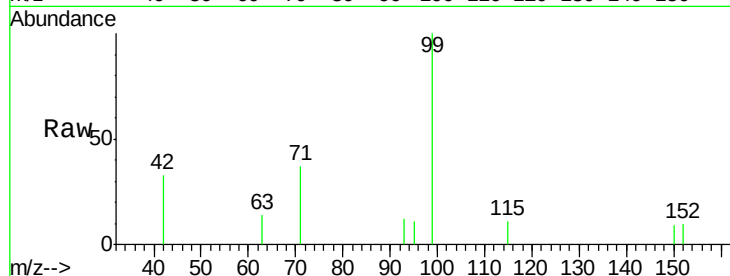
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	99	Resp:	1013
Ion	Ratio	Lower	Upper
99	100		
42	27.3	22.4	33.6
71	36.0	28.9	43.3

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#6

bis(2-Chloroethyl)ether

Concen: 0.37 ng

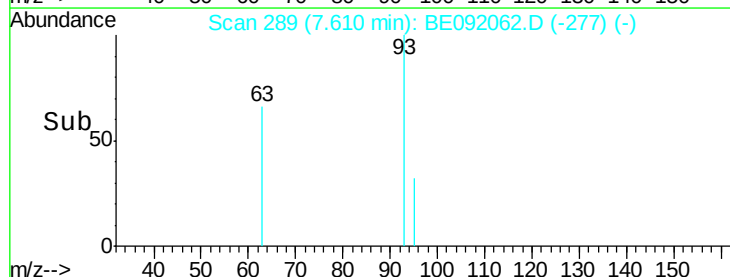
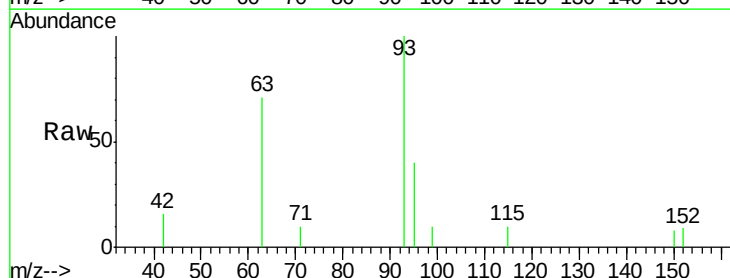
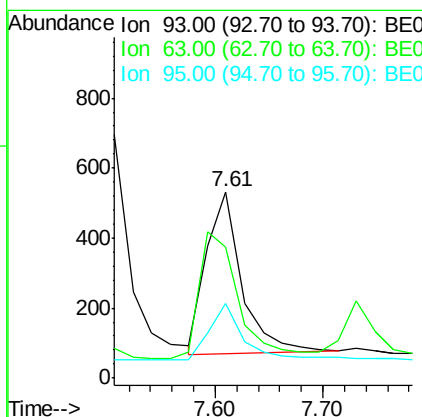
RT: 7.61 min Scan# 289

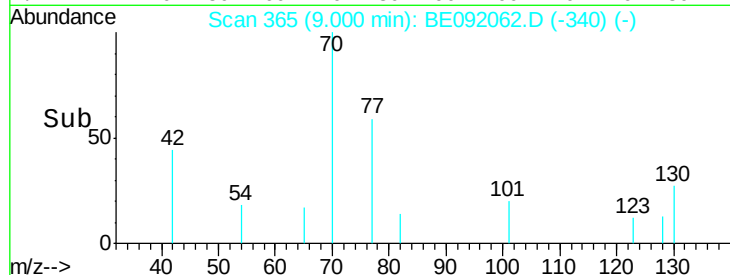
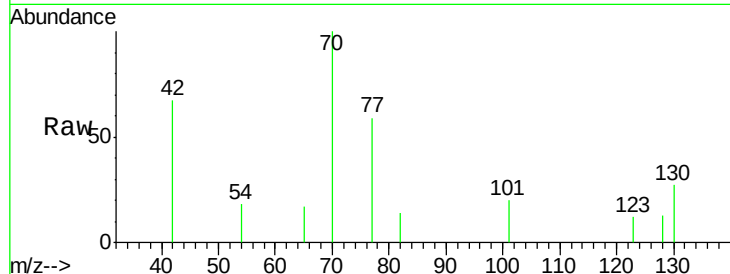
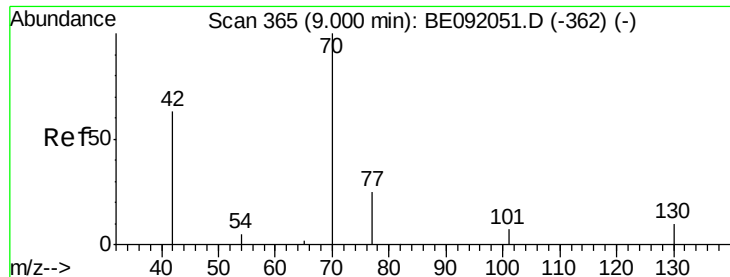
Delta R.T. 0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Tgt Ion:	93	Resp:	1069
Ion	Ratio	Lower	Upper
93	100		
63	86.6	64.4	96.6
95	34.7	25.8	38.8





#7

n-Nitroso-di-n-propylamine

Concen: 0.37 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

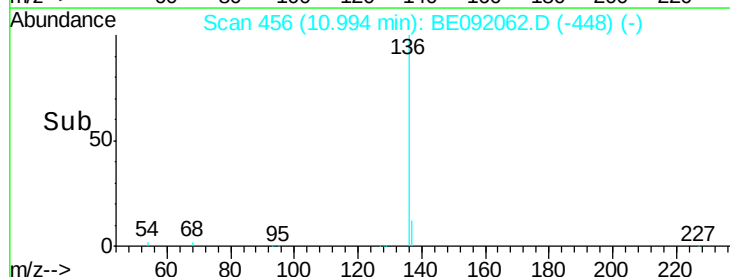
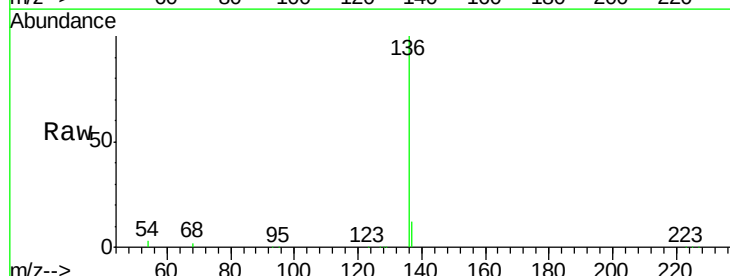
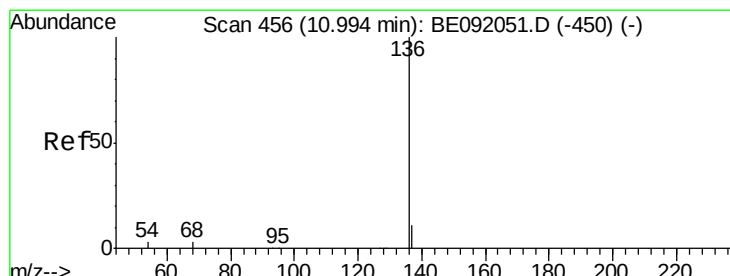
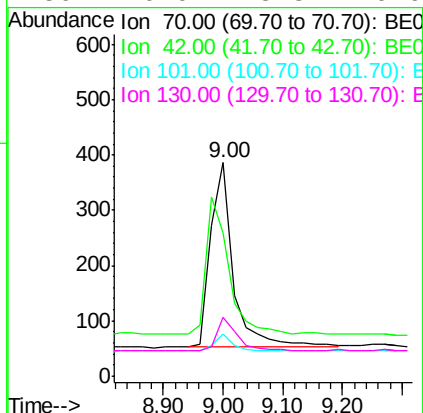
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
70	100		
42	75.7	60.2	90.4
101	8.7	6.8	10.2
130	16.0	13.3	19.9

Manual Integrations
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#8

Naphthalene-d8

Concen: 5.00 ng

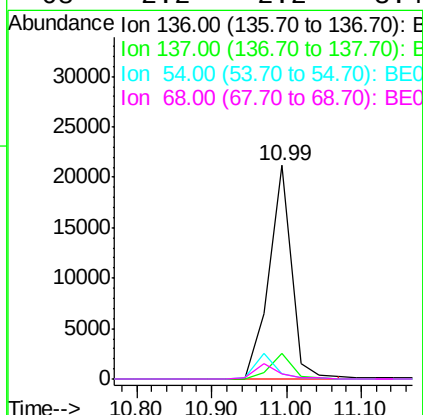
RT: 10.99 min Scan# 456

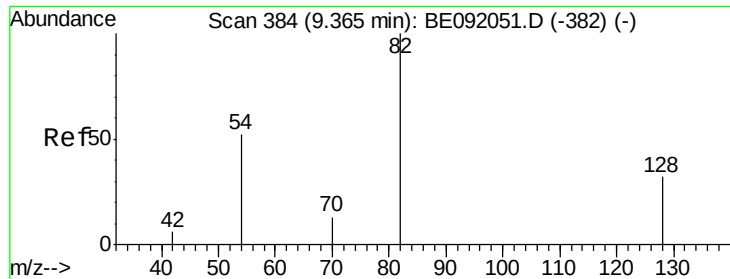
Delta R.T. 0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.1	13.7
54	2.7	2.7	4.1#
68	2.2	2.2	3.4#





#9

Nitrobenzene-d5

Concen: 0.35 ng

RT: 9.37 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

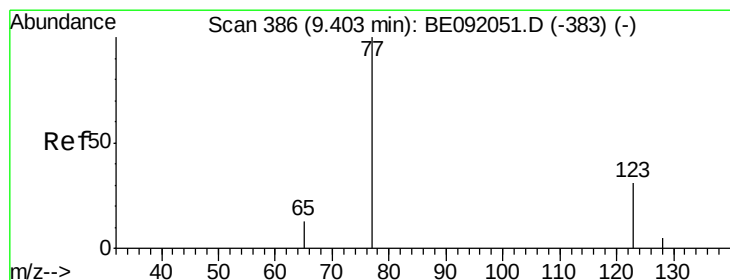
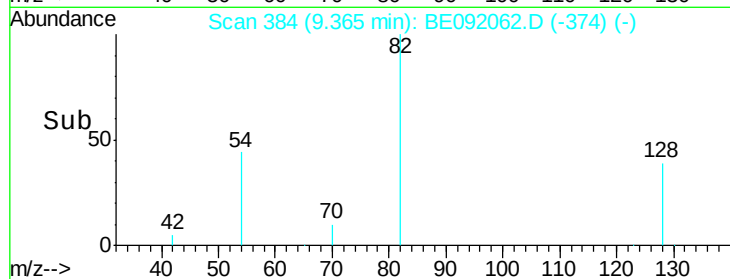
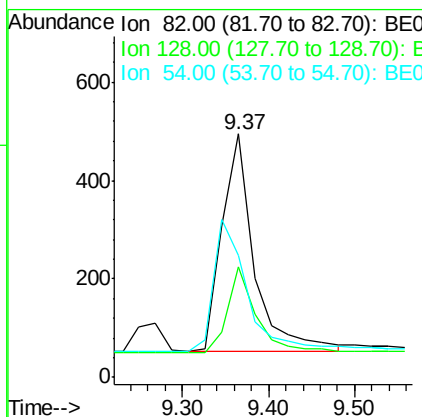
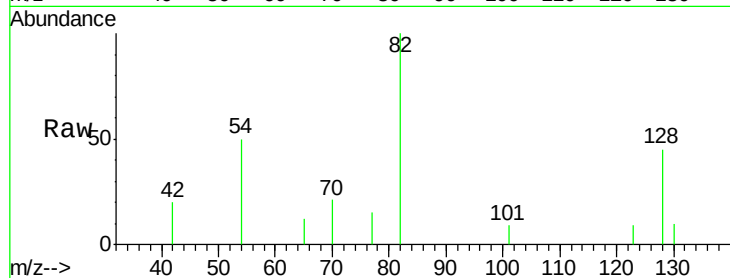
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	82	Resp:	1150
Ion	Ratio	Lower	Upper
82	100		
128	45.3	33.0	49.4
54	49.9	42.6	63.8

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#10

Nitrobenzene

Concen: 0.37 ng

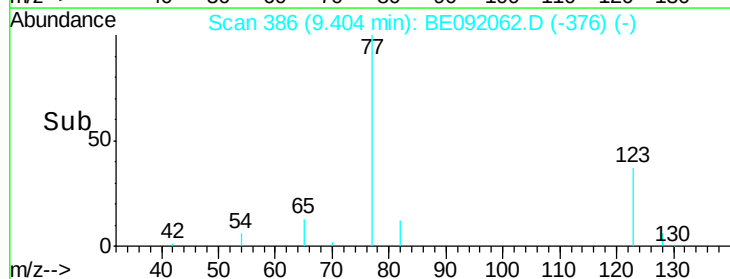
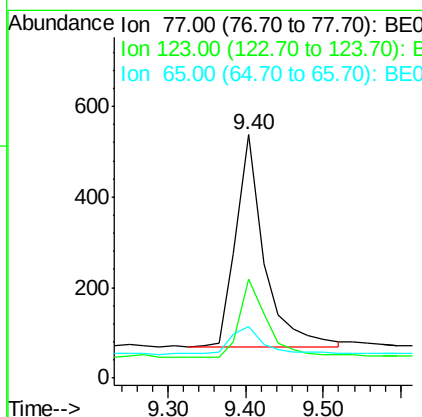
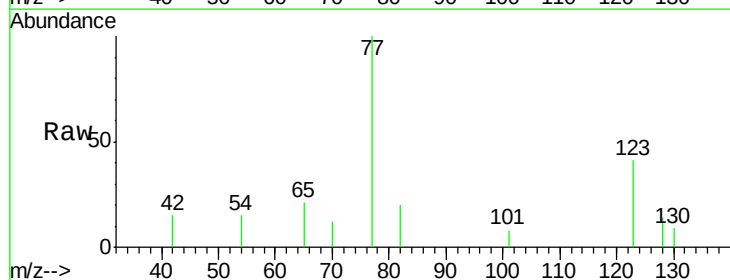
RT: 9.40 min Scan# 386

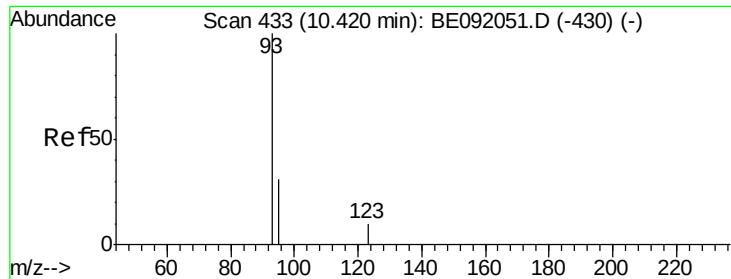
Delta R.T. 0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Tgt Ion:	77	Resp:	1191
Ion	Ratio	Lower	Upper
77	100		
123	36.9	29.9	44.9
65	15.4	11.4	17.0





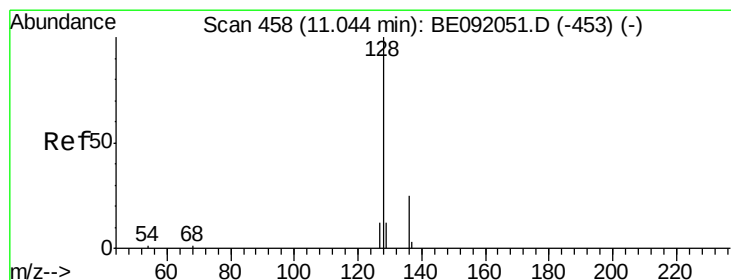
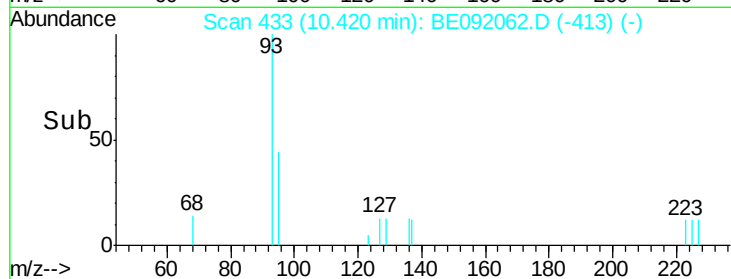
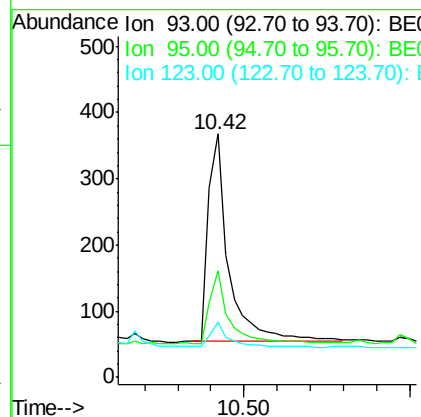
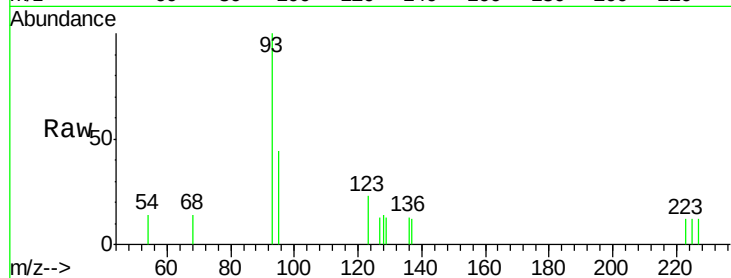
#11
bis(2-Chloroethoxy)methane
Concen: 0.36 ng
RT: 10.42 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE092062.D
Acq: 27 Jul 2016 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:	93	Resp:	1340
Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.0	37.6
123	9.0	7.8	11.8

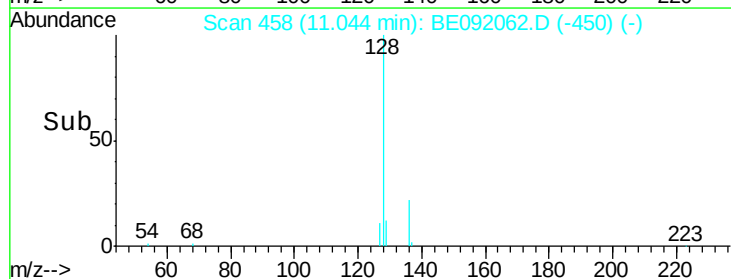
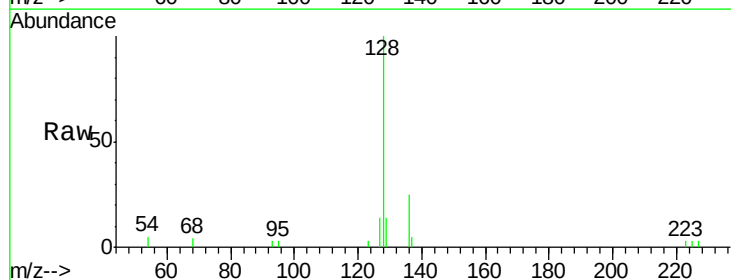
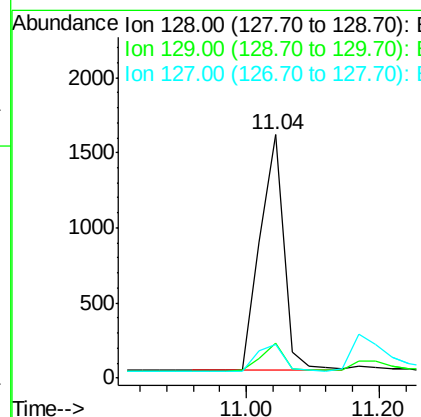
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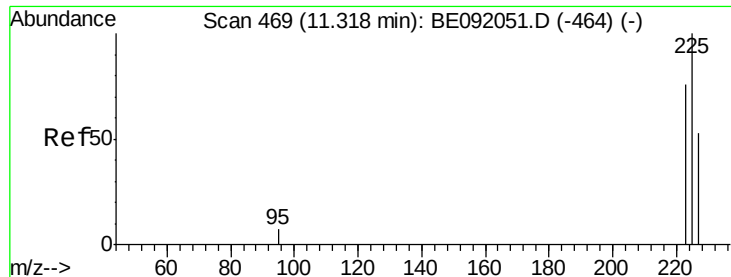
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#12
Naphthalene
Concen: 0.40 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE092062.D
Acq: 27 Jul 2016 18:39

Tgt Ion:	128	Resp:	3909
Ion	Ratio	Lower	Upper
128	100		
129	14.4	11.1	16.7
127	13.6	11.3	16.9





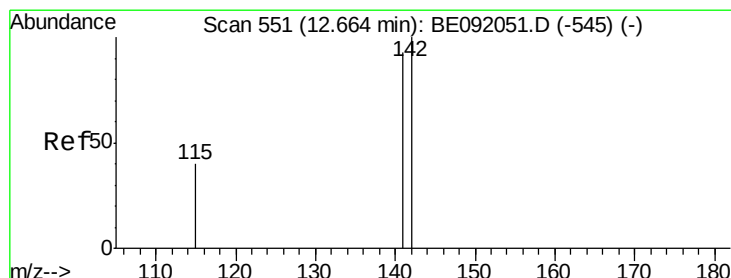
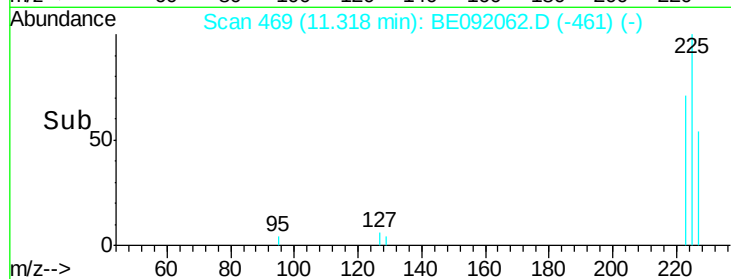
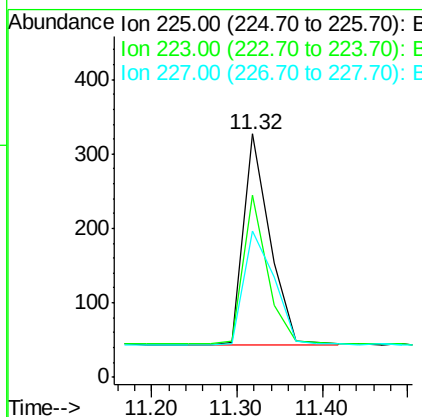
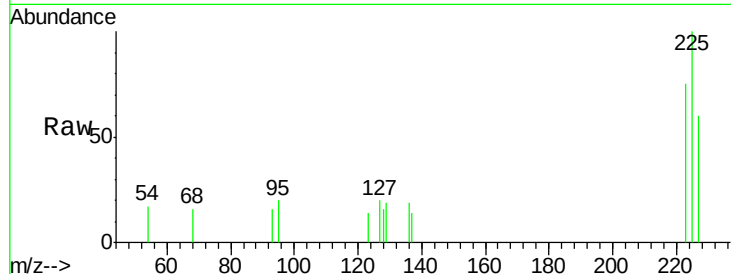
#13
Hexachlorobutadiene
Concen: 0.42 ng
RT: 11.32 min Scan# 469
Delta R.T. 0.00 min
Lab File: BE092062.D
Acq: 27 Jul 2016 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 225 Resp: 603
Ion Ratio Lower Upper
225 100
223 64.3 51.9 77.9
227 61.9 0.0 0.0#

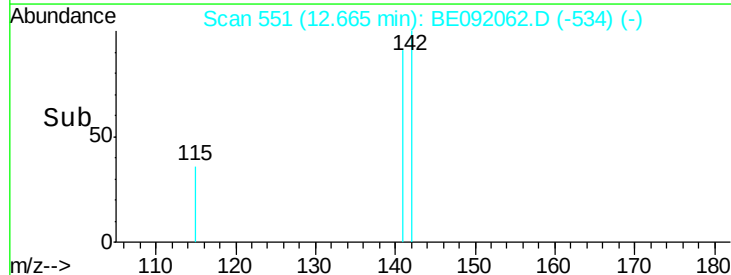
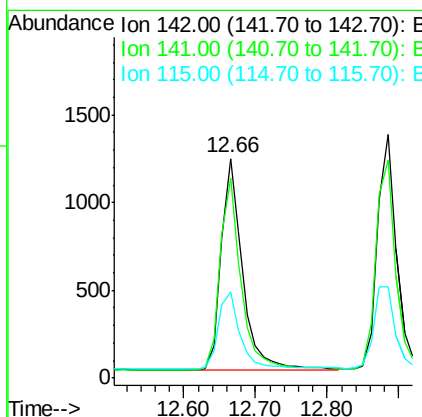
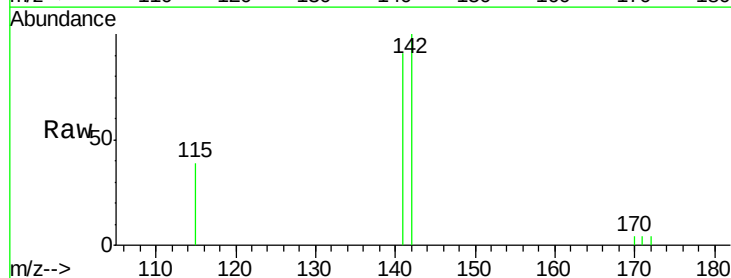
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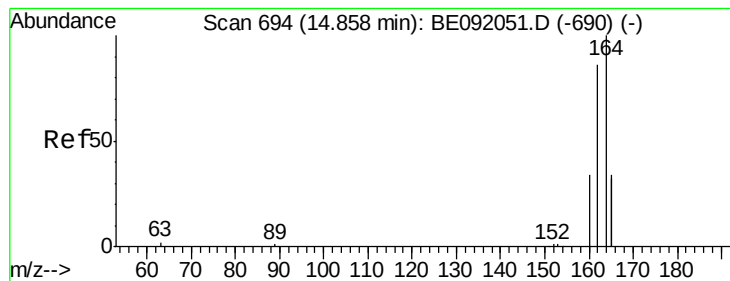
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#14
2-Methylnaphthalene
Concen: 0.40 ng
RT: 12.66 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092062.D
Acq: 27 Jul 2016 18:39

Tgt Ion: 142 Resp: 2477
Ion Ratio Lower Upper
142 100
141 91.0 65.1 97.7
115 39.0 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: BE092062.D

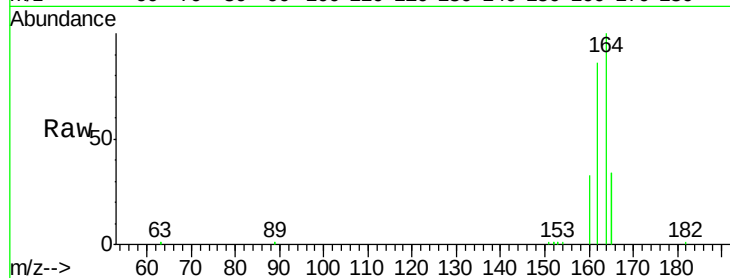
Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC



Tgt Ion:164 Resp: 21037

Ion Ratio Lower Upper

164 100

162 86.1 69.5 104.3

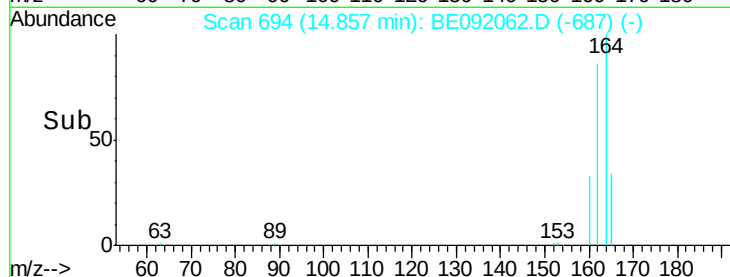
160 33.2 27.6 41.4

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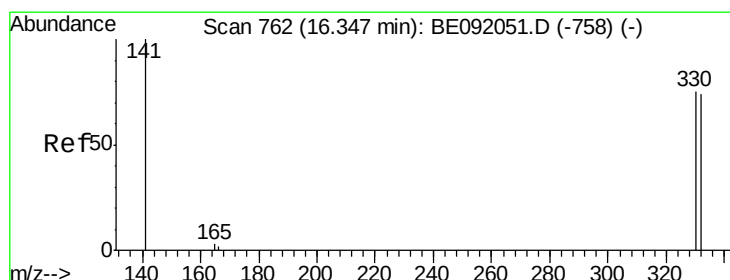
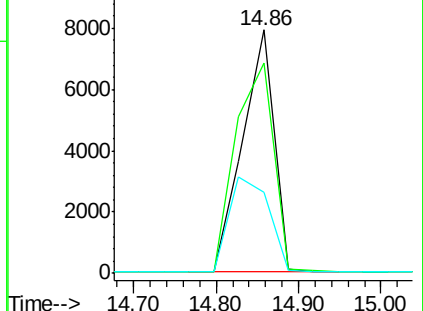
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 0.43 ng

RT: 16.35 min Scan# 762

Delta R.T. -0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

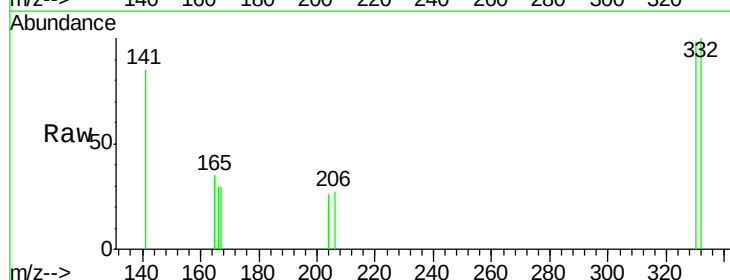
Tgt Ion:330 Resp: 250

Ion Ratio Lower Upper

330 100

332 99.6 74.2 111.4

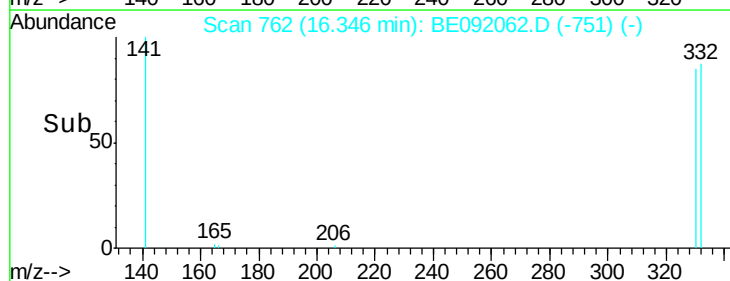
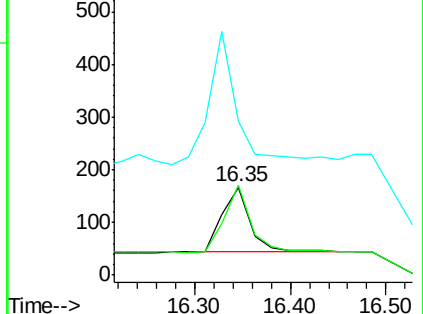
141 203.6 139.8 209.8

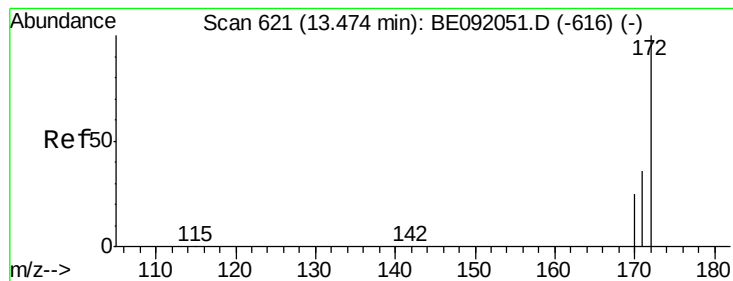


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





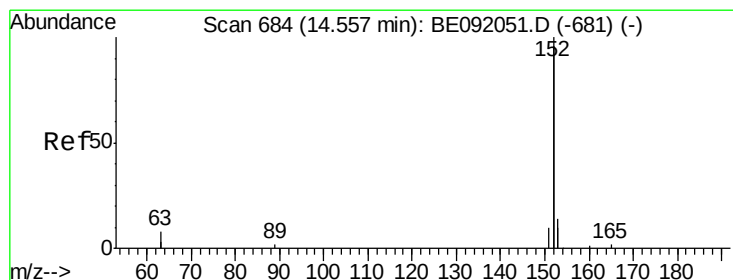
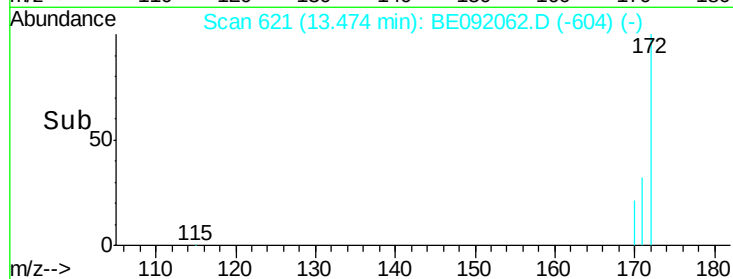
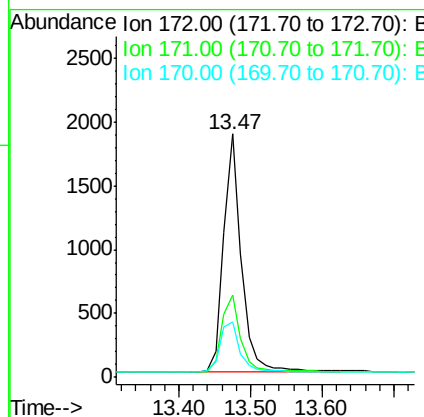
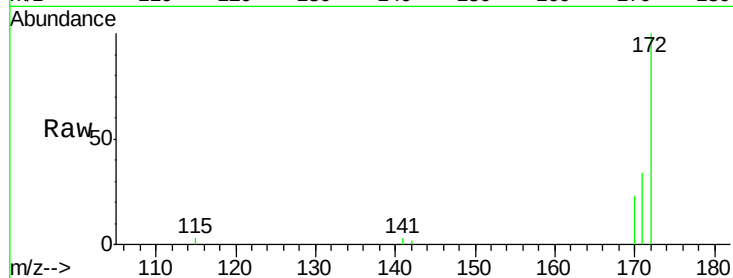
#17
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.47 min Scan# 621
Delta R.T. 0.00 min
Lab File: BE092062.D
Acq: 27 Jul 2016 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	30.3	45.5
170	22.8	21.6	32.4

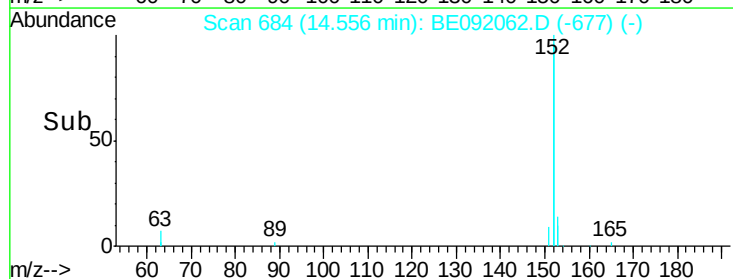
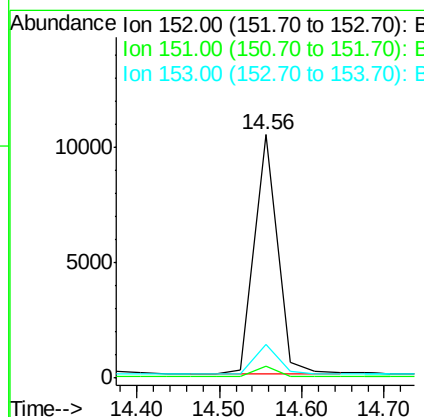
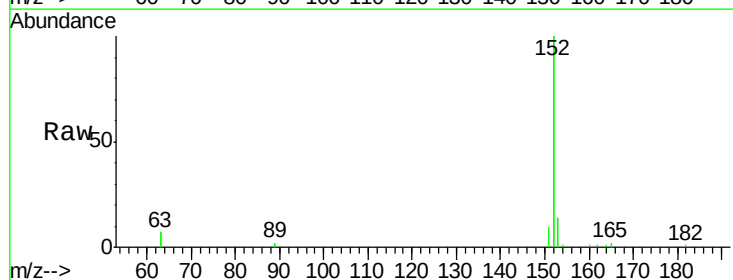
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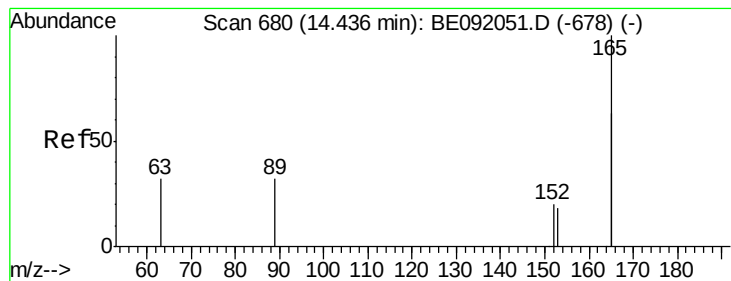
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#18
Acenaphthylene
Concen: 0.37 ng
RT: 14.56 min Scan# 684
Delta R.T. -0.00 min
Lab File: BE092062.D
Acq: 27 Jul 2016 18:39

Tgt Ion	Ratio	Lower	Upper
152	100		
151	4.7	4.0	6.0
153	12.3	9.6	14.4





#19

2,6-Dinitrotoluene

Concen: 0.42 ng

RT: 14.44 min Scan# 680

Delta R.T. 0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

ClientSampleId :

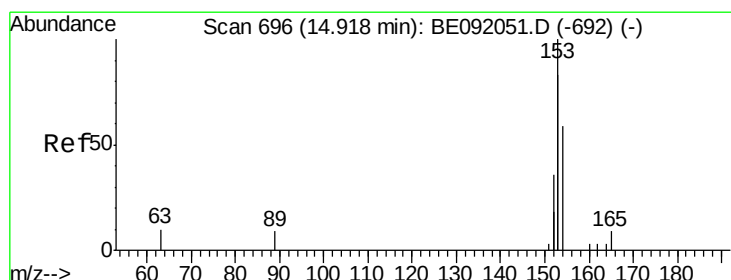
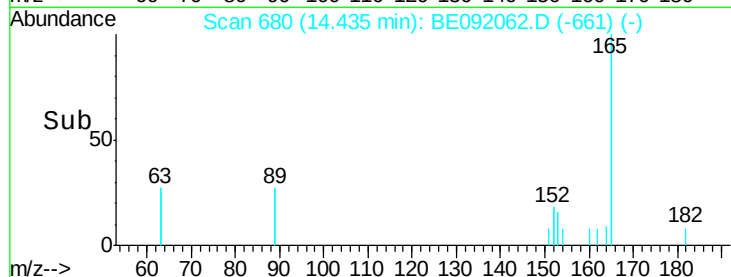
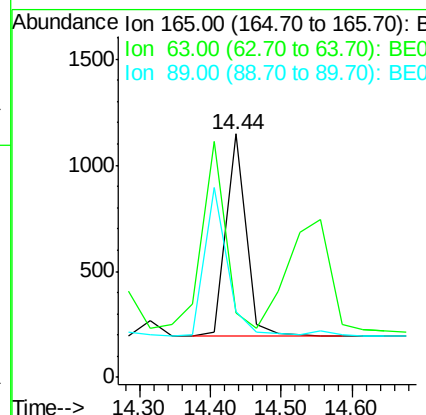
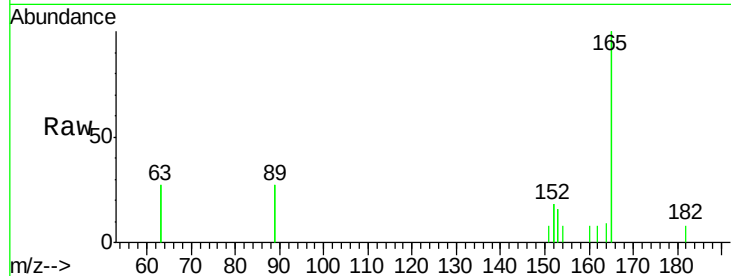
SSTDCCC0.4EC

Tgt Ion:	165	Resp:	1896
Ion Ratio	Lower	Upper	
165	100		
63	0.0	0.0	0.0
89	0.0	0.0	0.0

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#20

Acenaphthene

Concen: 0.38 ng

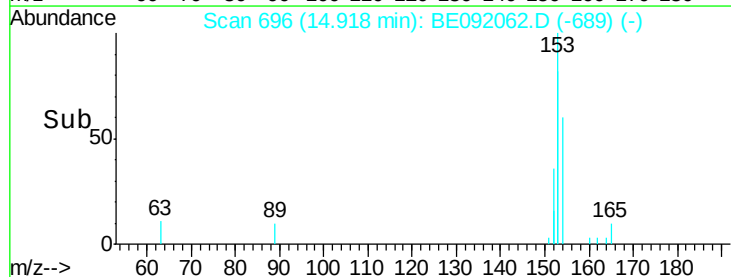
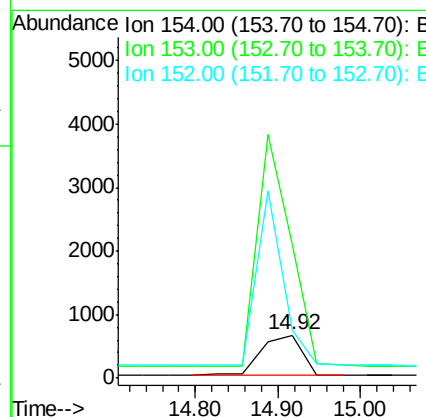
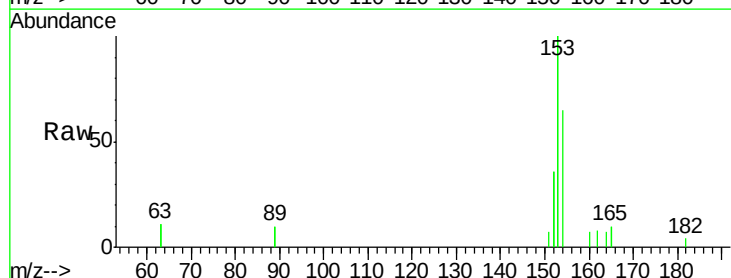
RT: 14.92 min Scan# 696

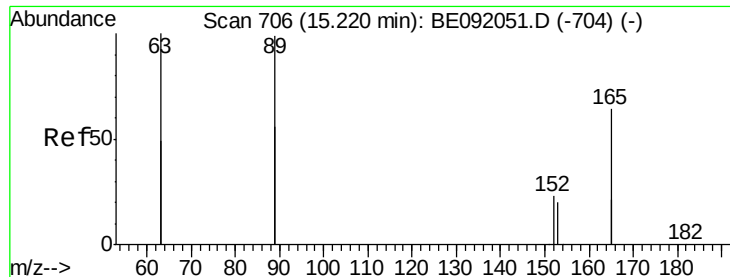
Delta R.T. -0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Tgt Ion:	154	Resp:	2212
Ion Ratio	Lower	Upper	
154	100		
153	0.0	345.1	517.7#
152	0.0	0.0	0.0





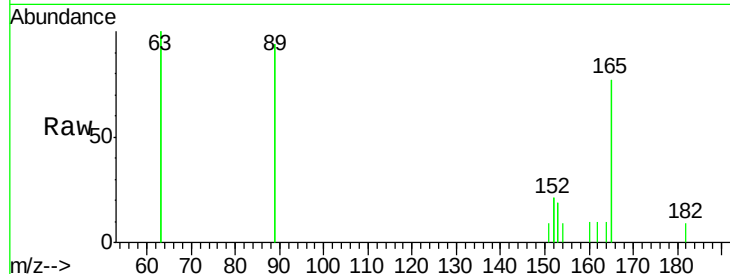
#21
2,4-Dinitrotoluene
Concen: 0.36 ng m
RT: 15.22 min Scan# 706
Delta R.T. 0.00 min
Lab File: BE092062.D
Acq: 27 Jul 2016 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

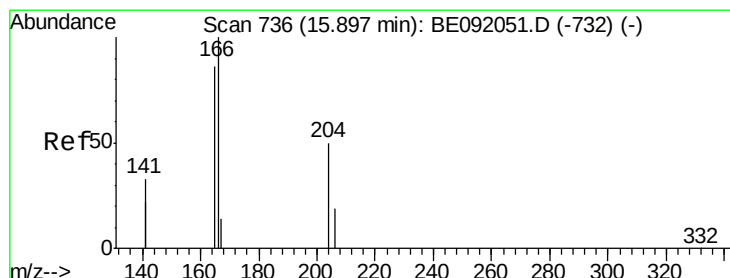
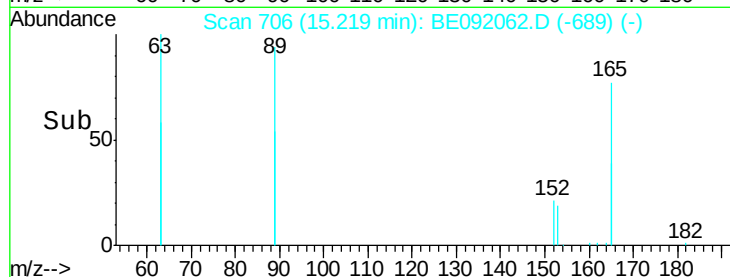
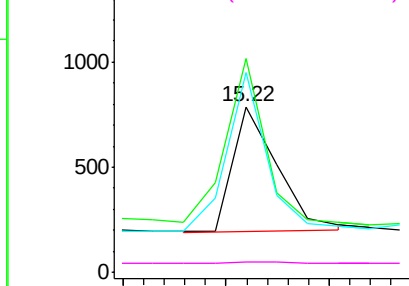
Tgt Ion	Ratio	Lower	Upper
165	100		
63	403.3	324.0	486.0
89	115.7	308.4	462.6
182	0.0	0.0	0.0

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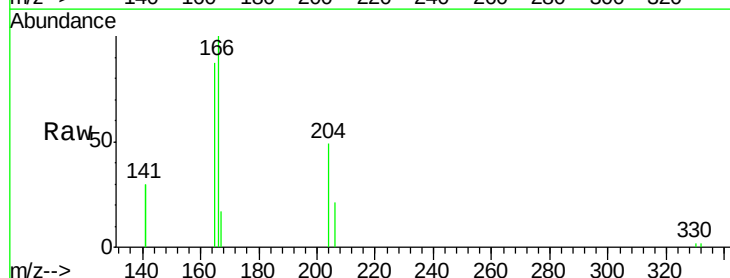


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BE0
Ion 89.00 (88.70 to 89.70): BE0
Ion 182.00 (181.70 to 182.70): E

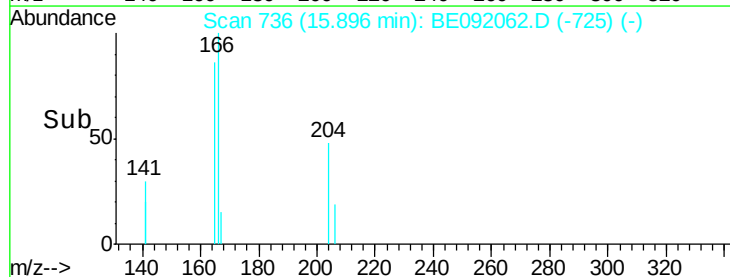
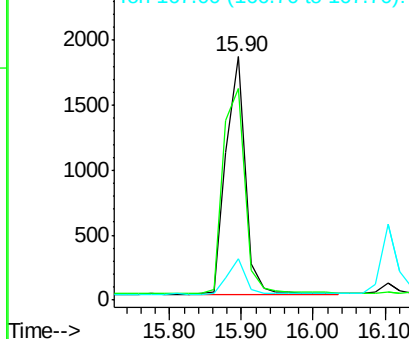


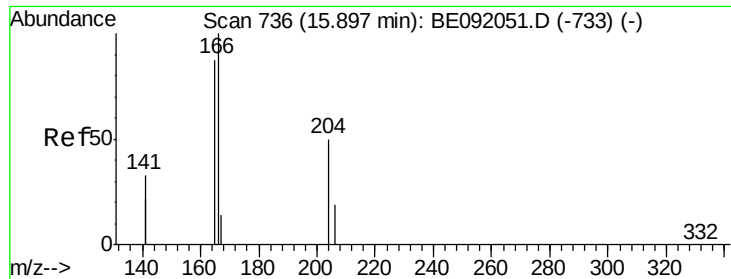
#22
Fluorene
Concen: 0.38 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092062.D
Acq: 27 Jul 2016 18:39

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	78.6	118.0
167	14.0	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





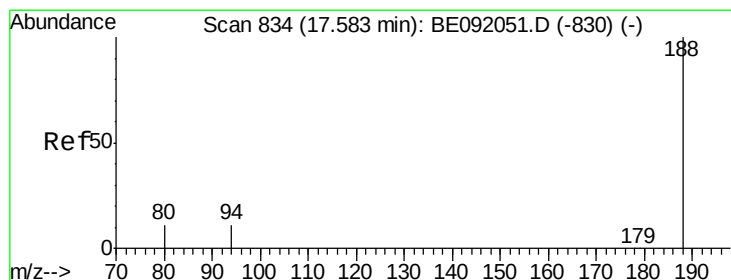
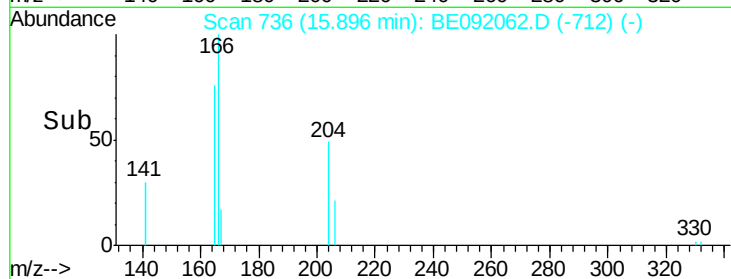
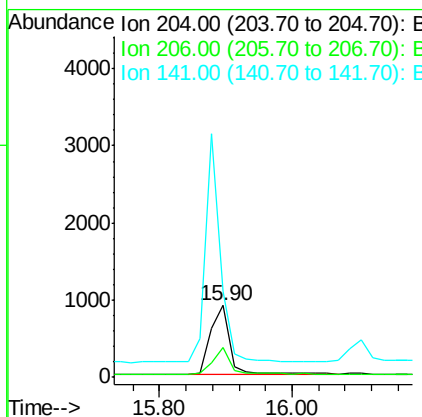
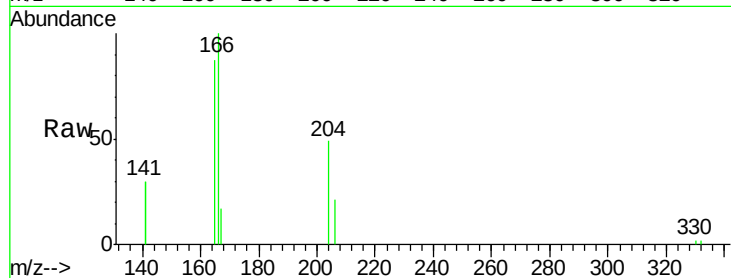
#23
4-Chlorophenyl-phenylether
Concen: 0.38 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092062.D
Acq: 27 Jul 2016 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 204 Resp: 1689
Ion Ratio Lower Upper
204 100
206 34.8 27.0 40.4
141 270.9 198.5 297.7

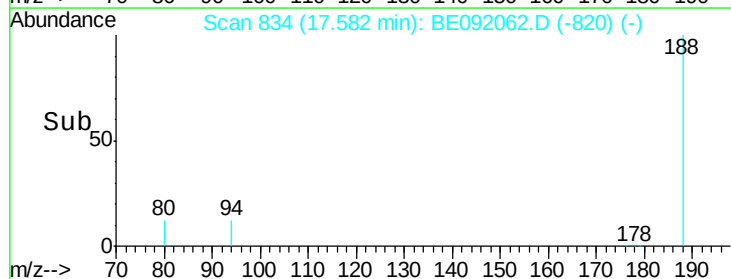
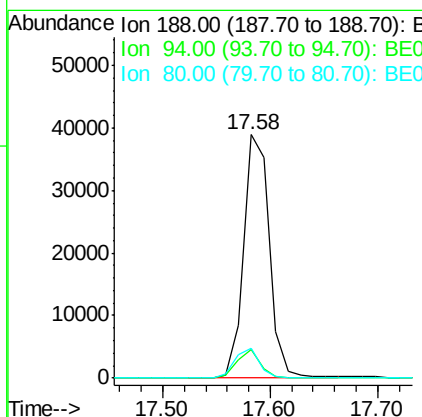
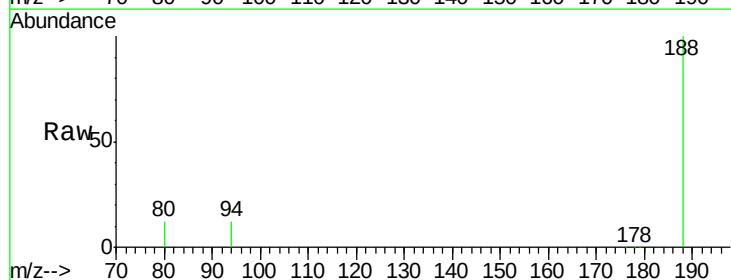
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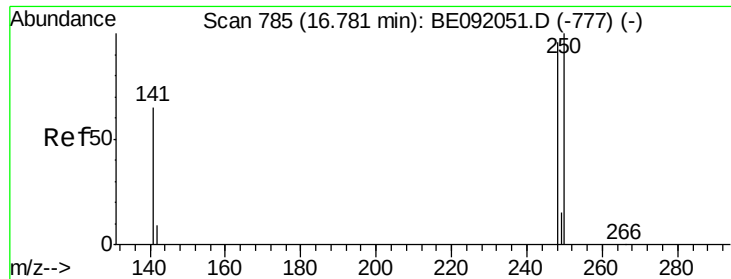
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.58 min Scan# 834
Delta R.T. -0.00 min
Lab File: BE092062.D
Acq: 27 Jul 2016 18:39

Tgt Ion: 188 Resp: 63949
Ion Ratio Lower Upper
188 100
94 11.9 3.9 5.9#
80 12.1 3.4 5.0#





#25

4-Bromophenyl-phenylether

Concen: 0.40 ng

RT: 16.78 min Scan# 785

Delta R.T. -0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

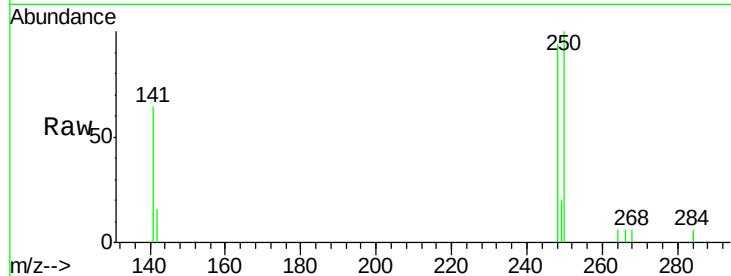
ClientSampleId :

SSTDCCC0.4EC

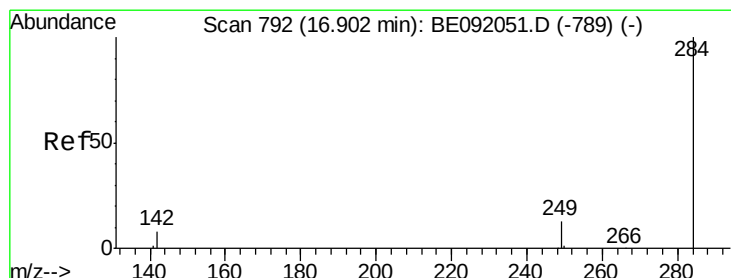
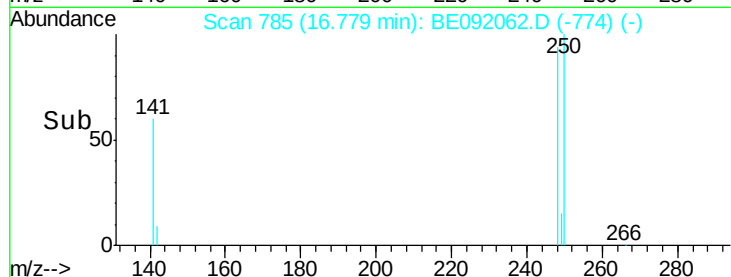
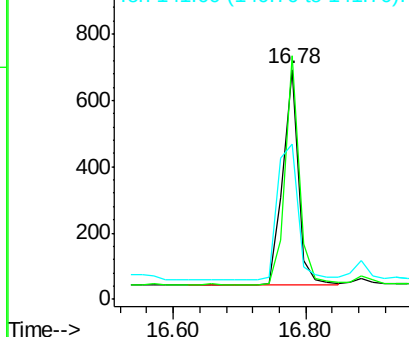
Tgt Ion:	248	Resp:	1058
Ion Ratio	Lower	Upper	
248	100		
250	96.3	79.6	119.4
141	85.2	68.7	103.1

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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



#26

Hexachlorobenzene

Concen: 0.40 ng

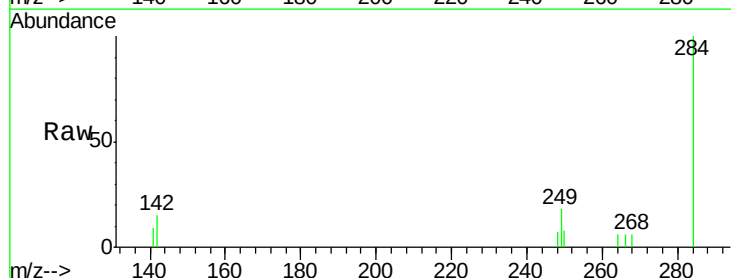
RT: 16.90 min Scan# 792

Delta R.T. -0.00 min

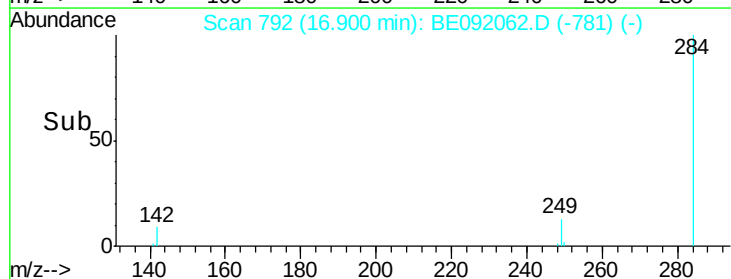
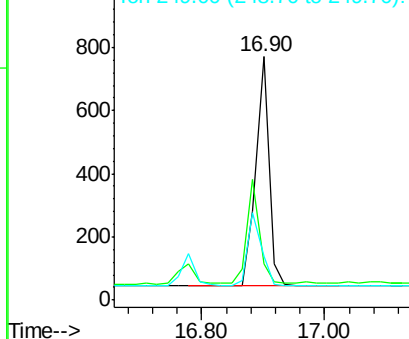
Lab File: BE092062.D

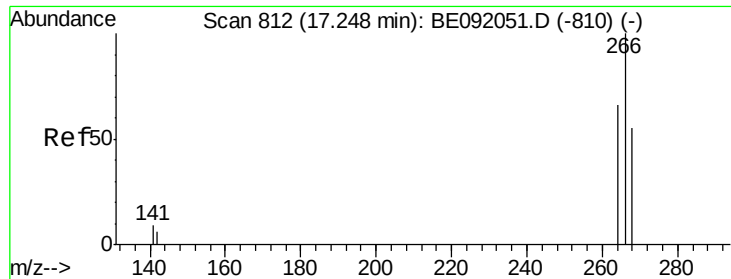
Acq: 27 Jul 2016 18:39

Tgt Ion:	284	Resp:	1093
Ion Ratio	Lower	Upper	
284	100		
142	42.1	33.3	49.9
249	32.6	25.4	38.0



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#27

Pentachlorophenol

Concen: 0.50 ng

RT: 17.25 min Scan# 812

Delta R.T. -0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

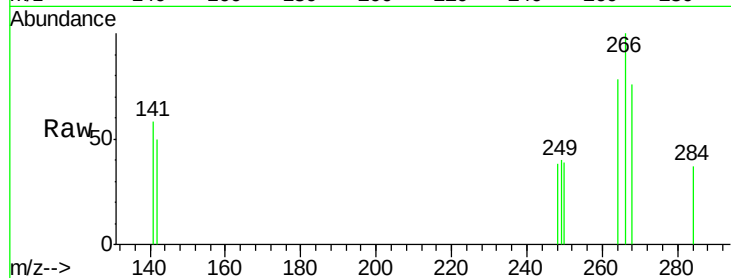
ClientSampleId :

SSTDCCC0.4EC

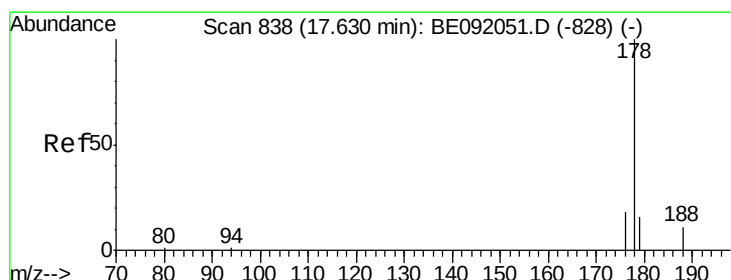
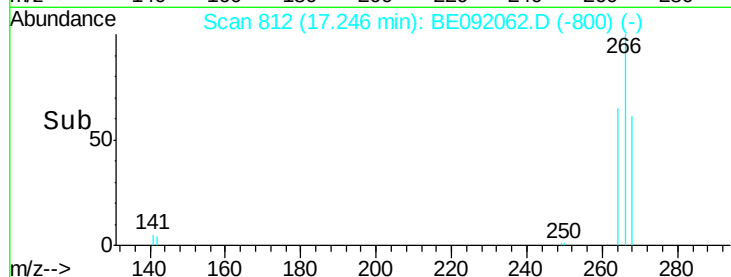
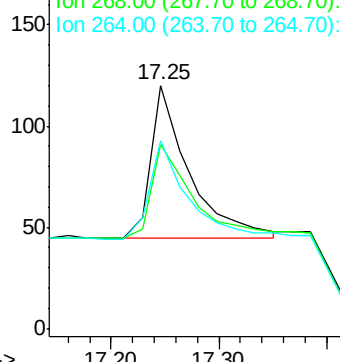
Tgt Ion:	266	Resp:	184
Ion Ratio	Lower	Upper	
266	100		
268	75.8	62.7	94.1
264	77.5	63.5	95.3

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Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E



#28

Phenanthrene

Concen: 0.41 ng

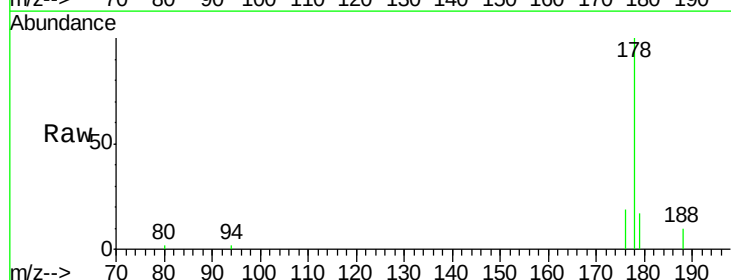
RT: 17.63 min Scan# 838

Delta R.T. -0.00 min

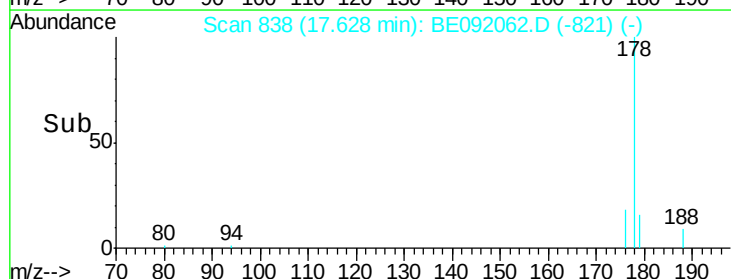
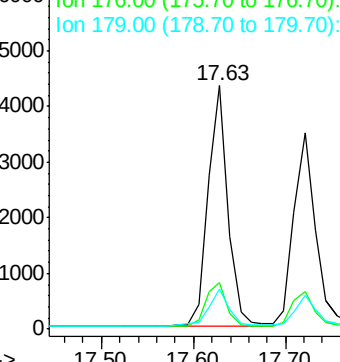
Lab File: BE092062.D

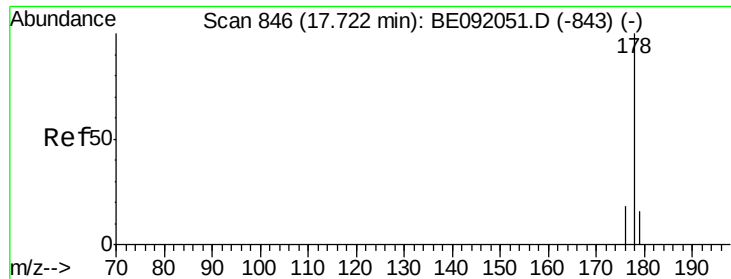
Acq: 27 Jul 2016 18:39

Tgt Ion:	178	Resp:	6586
Ion Ratio	Lower	Upper	
178	100		
176	19.4	15.4	23.0
179	16.1	12.7	19.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





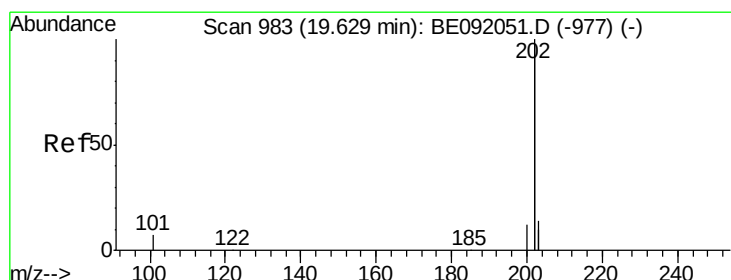
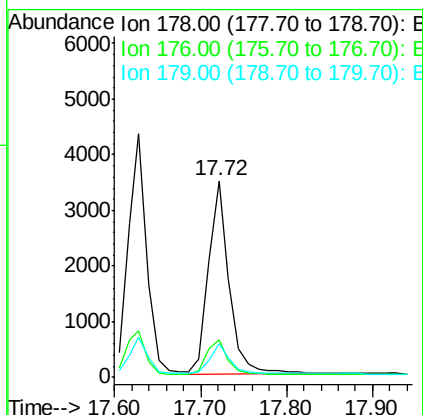
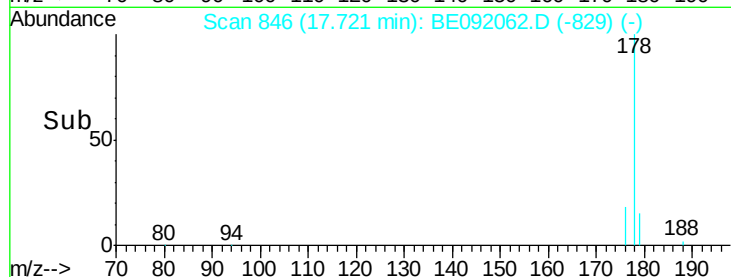
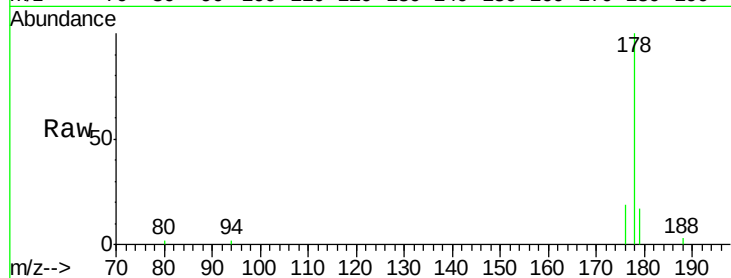
#29
 Anthracene
 Concen: 0.39 ng
 RT: 17.72 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BE092062.D
 Acq: 27 Jul 2016 18:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion:178 Resp: 5787
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.2 22.8
 179 14.9 12.2 18.4

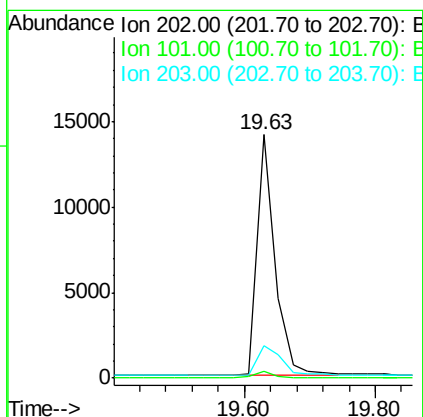
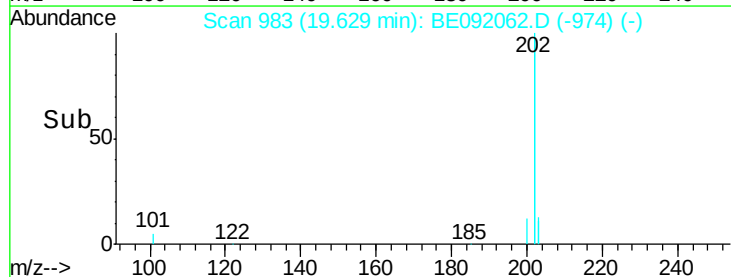
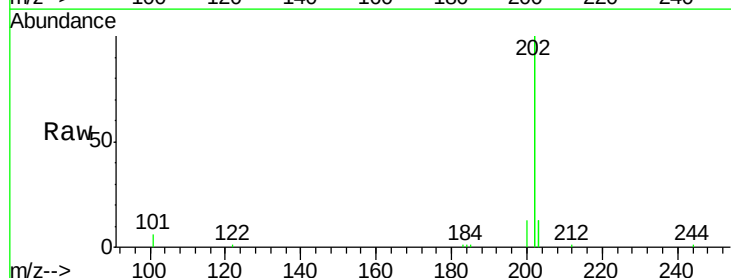
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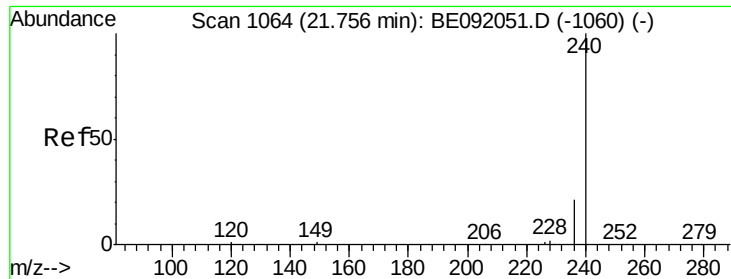
sohil
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#30
 Fluoranthene
 Concen: 0.37 ng
 RT: 19.63 min Scan# 983
 Delta R.T. 0.00 min
 Lab File: BE092062.D
 Acq: 27 Jul 2016 18:39

Tgt Ion:202 Resp: 26911
 Ion Ratio Lower Upper
 202 100
 101 2.6 2.2 3.2
 203 15.9 13.0 19.4





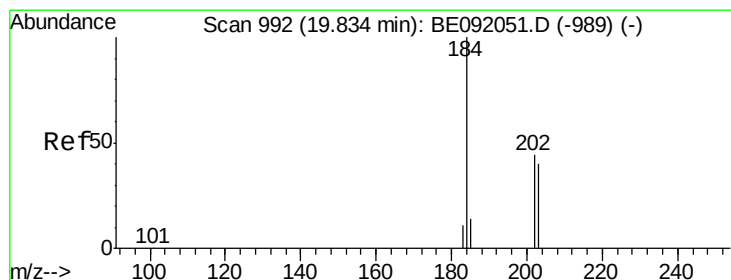
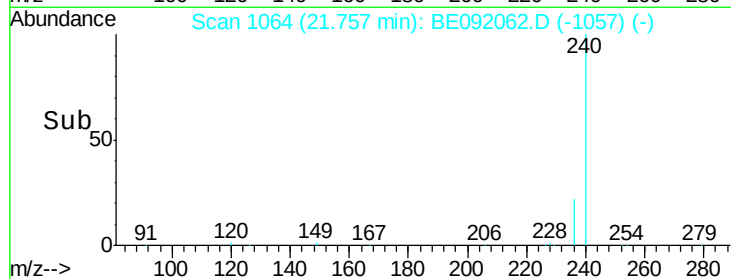
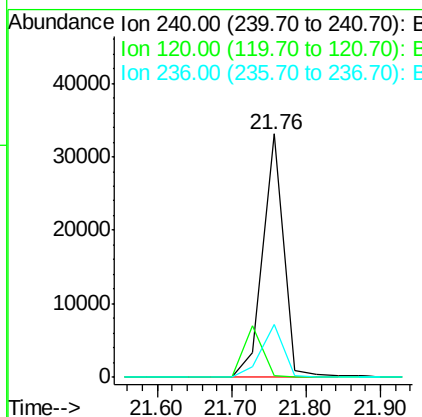
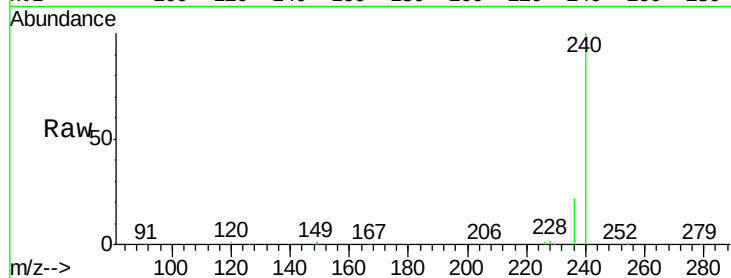
#31
 Chrysene-d12
 Concen: 5.00 ng
 RT: 21.76 min Scan# 1064
 Delta R.T. 0.00 min
 Lab File: BE092062.D
 Acq: 27 Jul 2016 18:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
240	100		
120	0.8	0.6	1.0
236	21.8	18.2	27.4

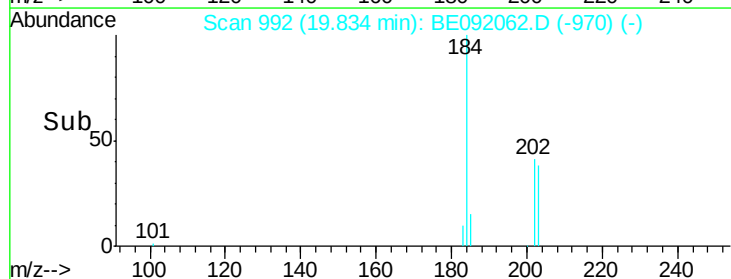
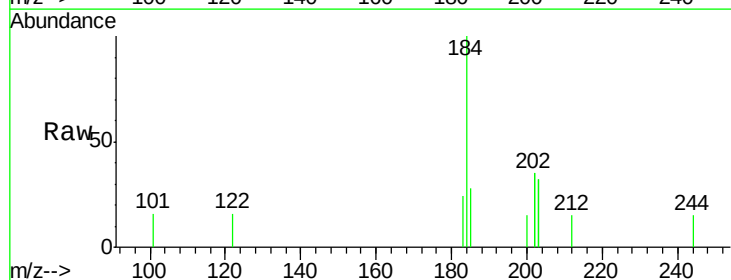
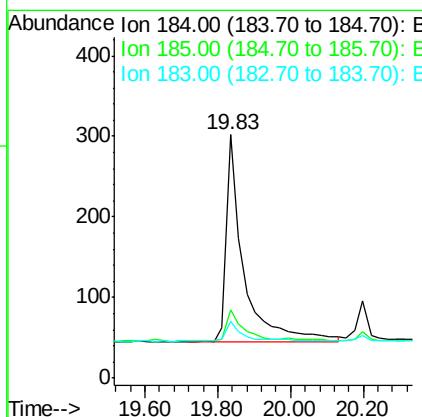
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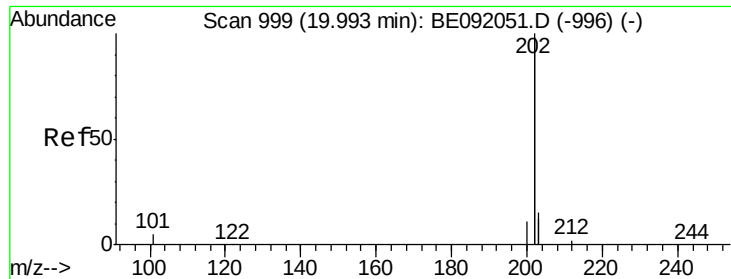
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#32
 Benzidine
 Concen: 0.35 ng
 RT: 19.83 min Scan# 992
 Delta R.T. 0.00 min
 Lab File: BE092062.D
 Acq: 27 Jul 2016 18:39

Tgt Ion	Ratio	Lower	Upper
184	100		
185	27.8	23.8	35.6
183	23.5	20.7	31.1





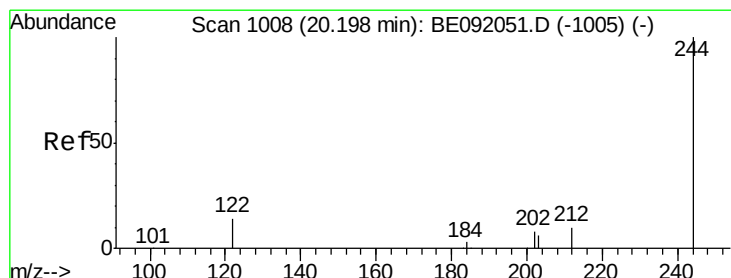
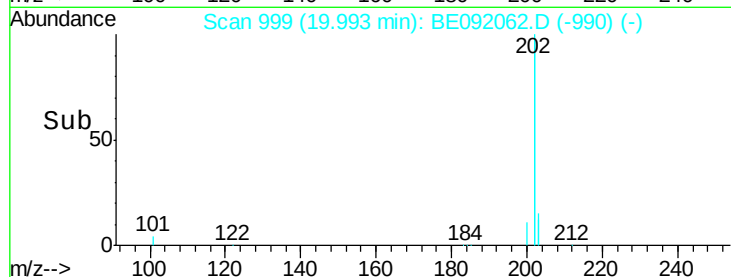
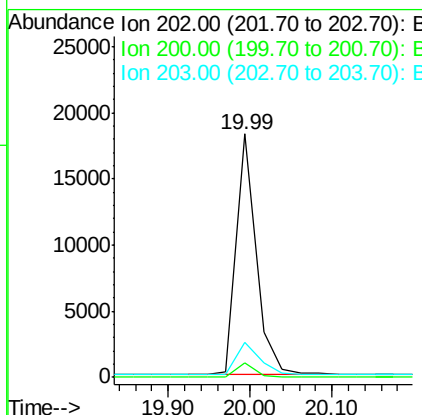
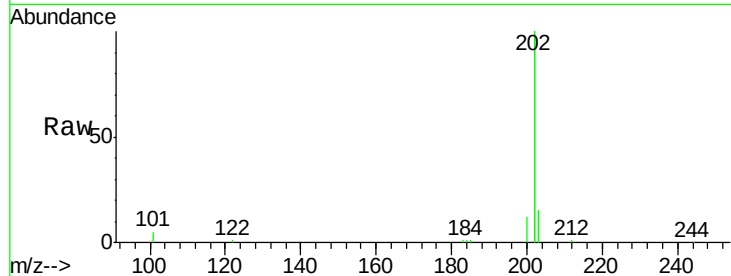
#33
 Pyrene
 Concen: 0.37 ng
 RT: 19.99 min Scan# 999
 Delta R.T. 0.00 min
 Lab File: BE092062.D
 Acq: 27 Jul 2016 18:39

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	5.4	4.4	6.6
203	16.1	13.4	20.0

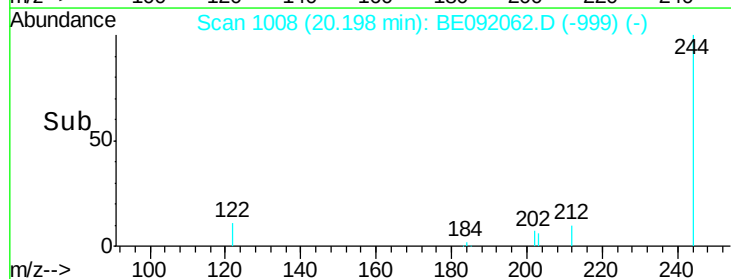
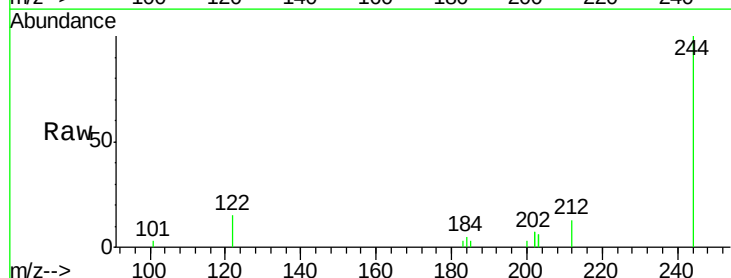
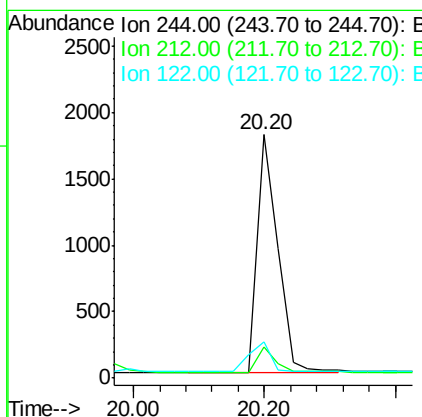
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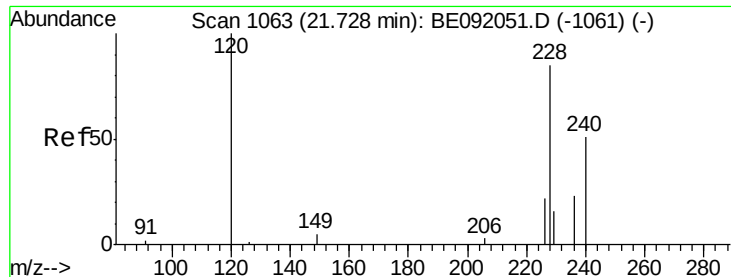
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#34
 Terphenyl-d14
 Concen: 0.32 ng
 RT: 20.20 min Scan# 1008
 Delta R.T. 0.00 min
 Lab File: BE092062.D
 Acq: 27 Jul 2016 18:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	12.6	9.1	13.7
122	14.9	11.0	16.4





#35

Benzo(a)anthracene

Concen: 0.41 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

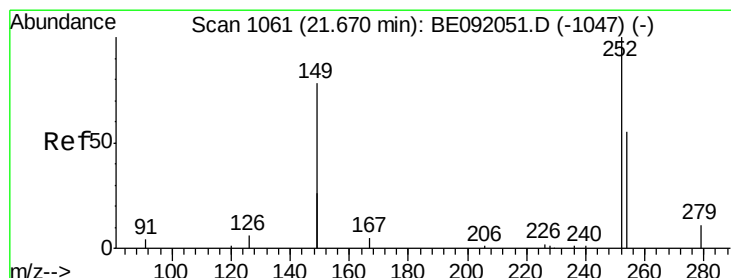
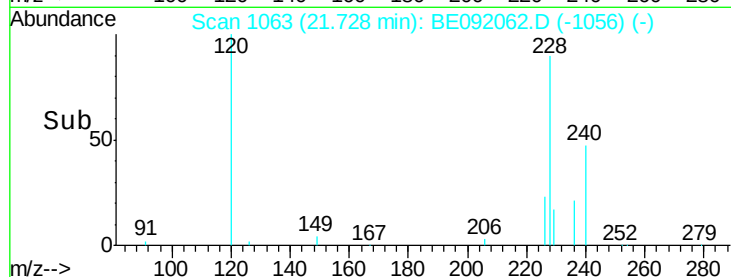
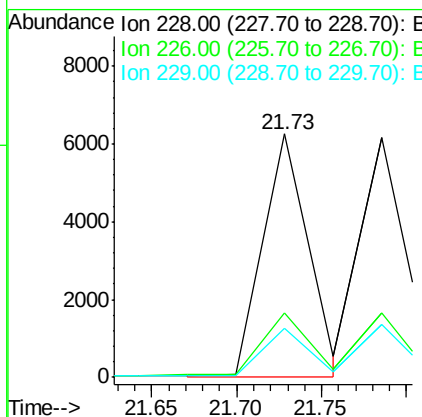
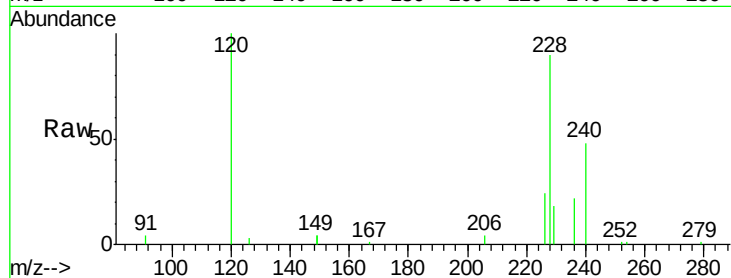
ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	228	Resp:	11781
Ion Ratio	Lower	Upper	
228	100		
226	26.4	22.1	33.1
229	19.9	15.1	22.7

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#36

3,3'-Dichlorobenzidine

Concen: 0.43 ng

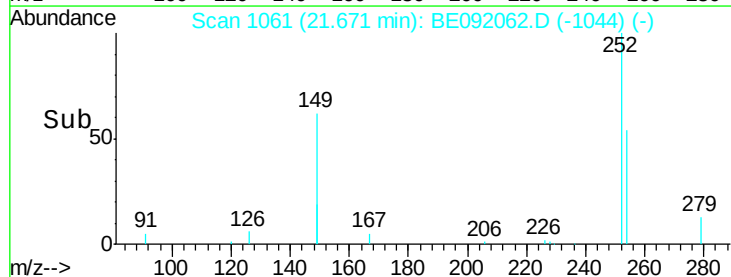
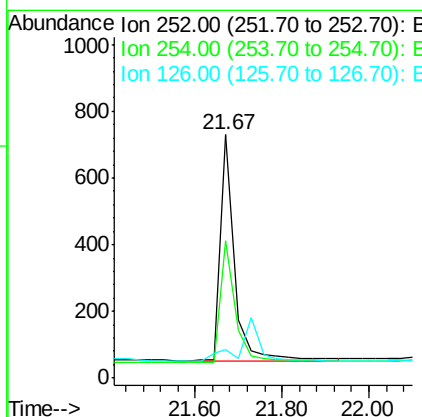
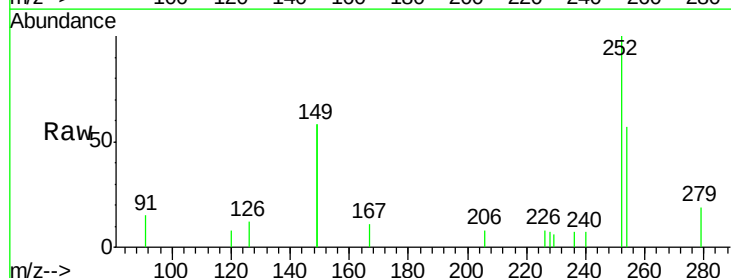
RT: 21.67 min Scan# 1061

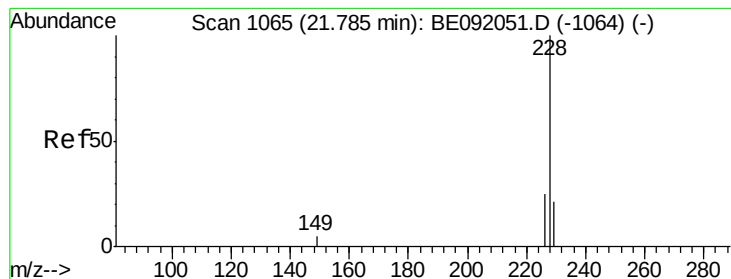
Delta R.T. 0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Tgt Ion:	252	Resp:	1545
Ion Ratio	Lower	Upper	
252	100		
254	56.6	44.2	66.2
126	11.8	10.6	15.8





#37

Chrysene

Concen: 0.37 ng m

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

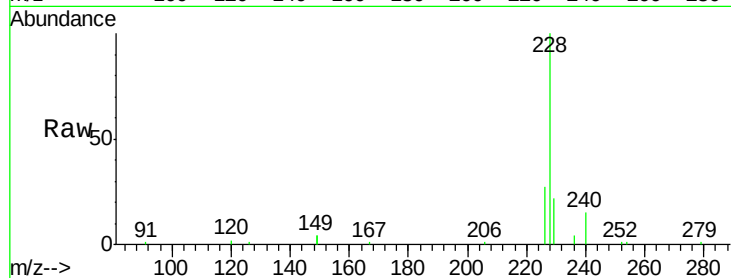
ClientSampleId :

SSTDCCC0.4EC

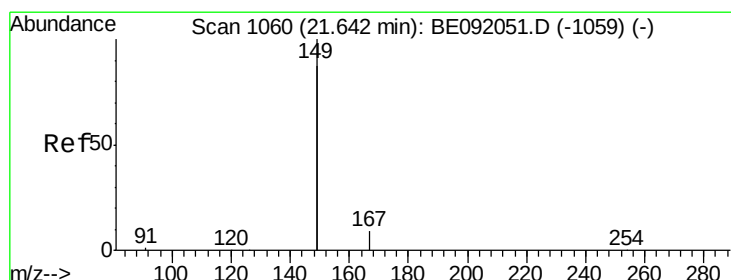
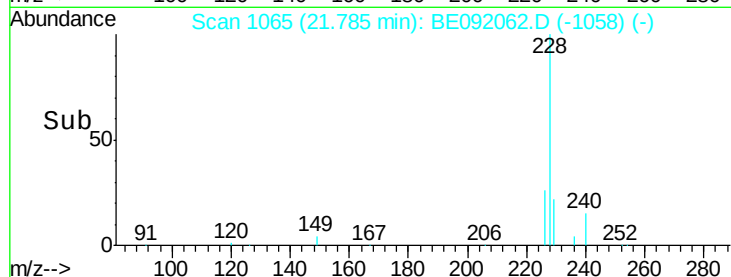
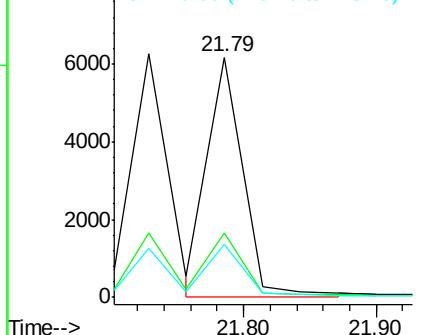
Tgt Ion:	228	Resp:	11524
Ion Ratio	Lower	Upper	
228	100		
226	26.7	22.3	33.5
229	22.3	16.9	25.3

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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: 0.45 ng

RT: 21.64 min Scan# 1060

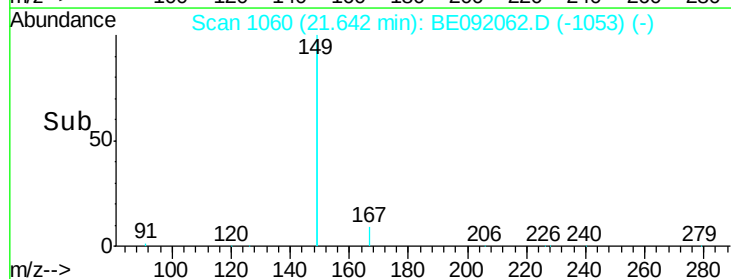
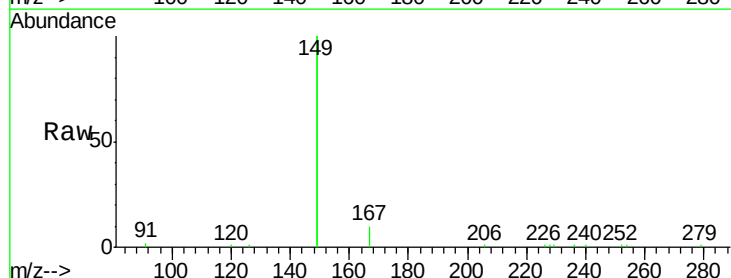
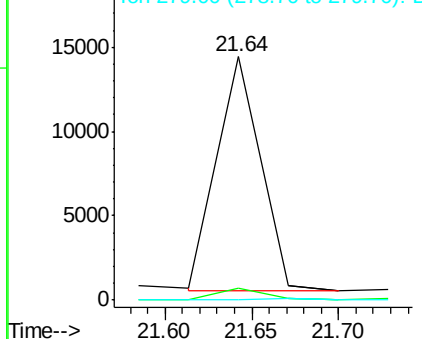
Delta R.T. 0.00 min

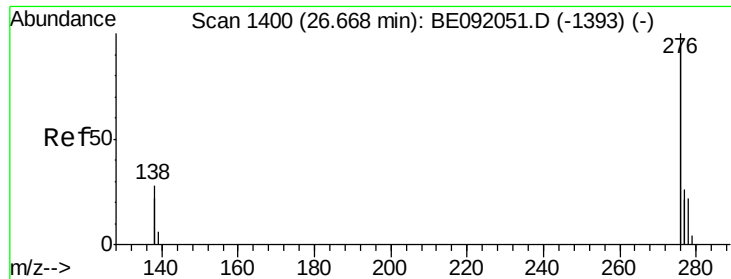
Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Tgt Ion:	149	Resp:	24253
Ion Ratio	Lower	Upper	
149	100		
167	4.8	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: 0.36 ng

RT: 26.67 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion: 276 Resp: 27298

Ion Ratio Lower Upper

276 100

138 26.7 21.2 31.8

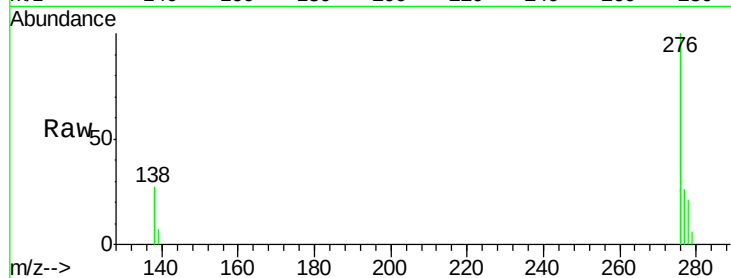
277 24.5 19.8 29.8

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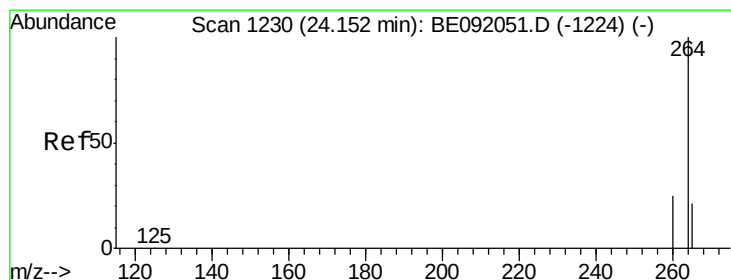
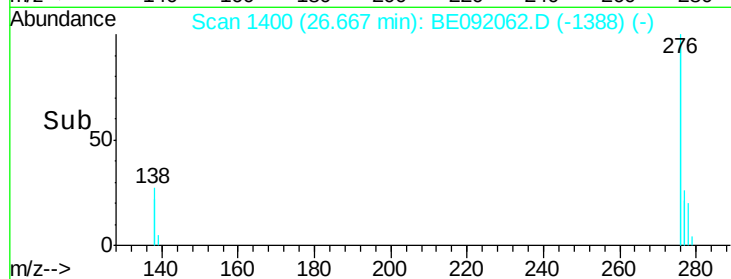
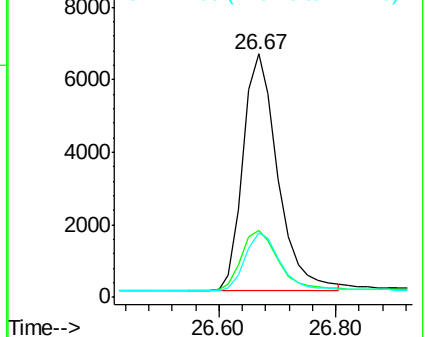
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.15 min Scan# 1230

Delta R.T. 0.00 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

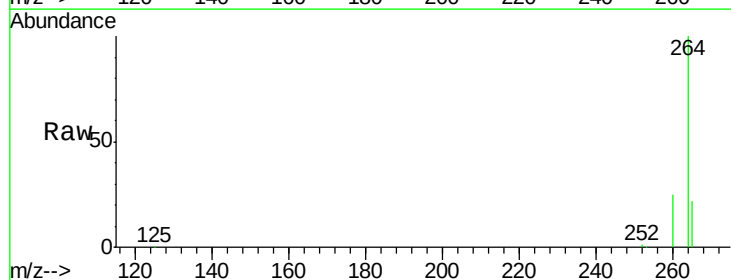
Tgt Ion: 264 Resp: 66016

Ion Ratio Lower Upper

264 100

260 25.5 20.8 31.2

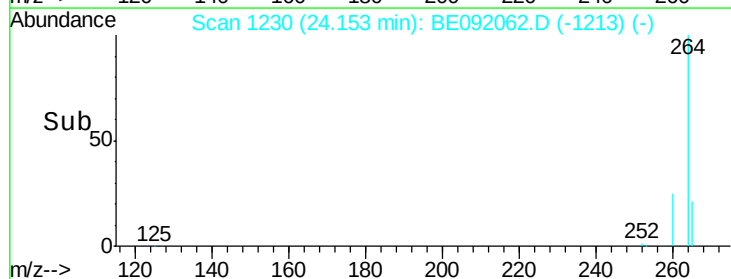
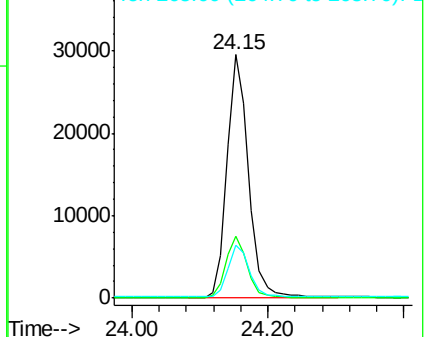
265 21.8 16.6 25.0

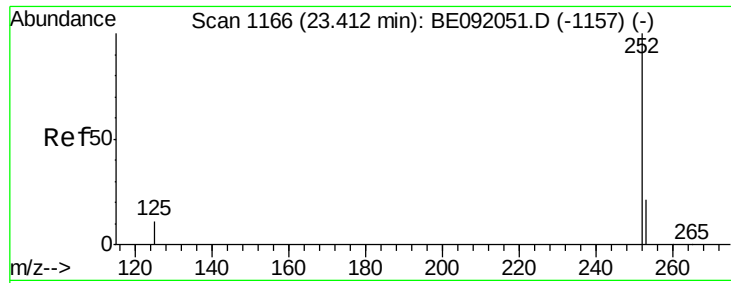


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





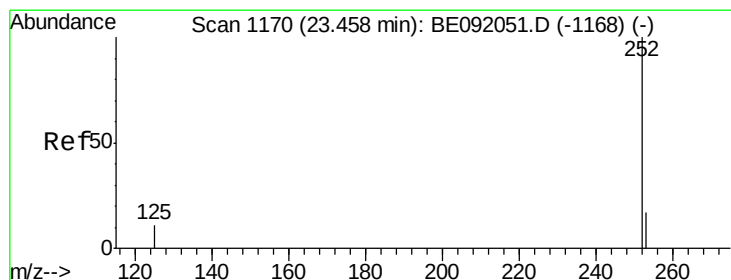
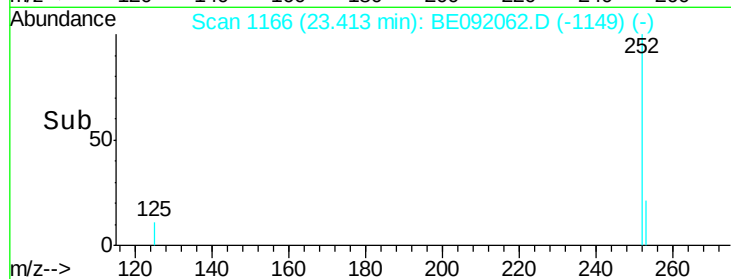
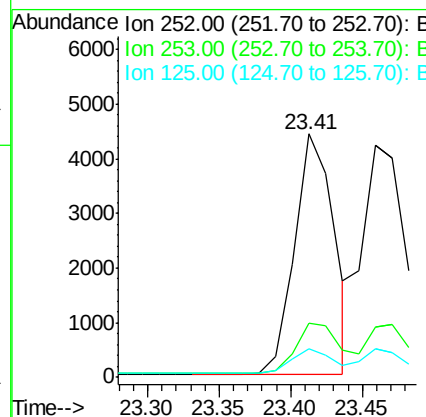
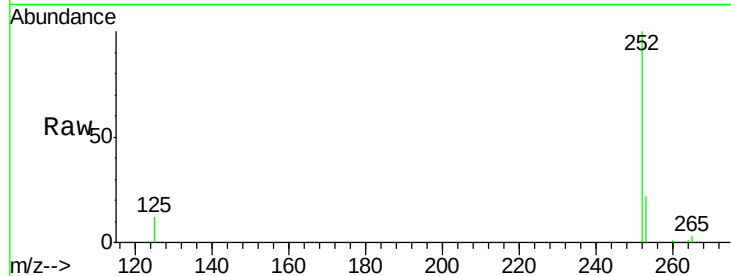
#41
Benzo(b)fluoranthene
Concen: 0.43 ng
RT: 23.41 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BE092062.D
Acq: 27 Jul 2016 18:39

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	11.9	10.2	15.2

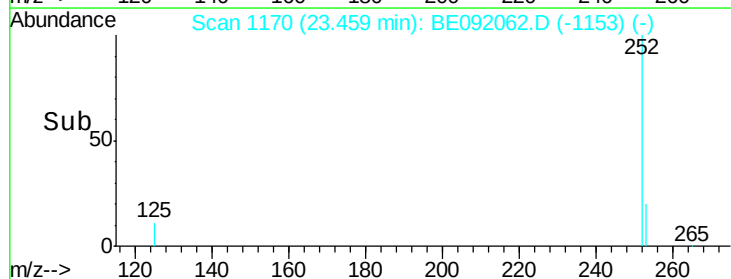
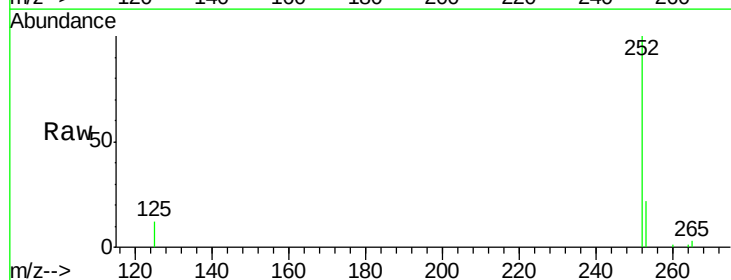
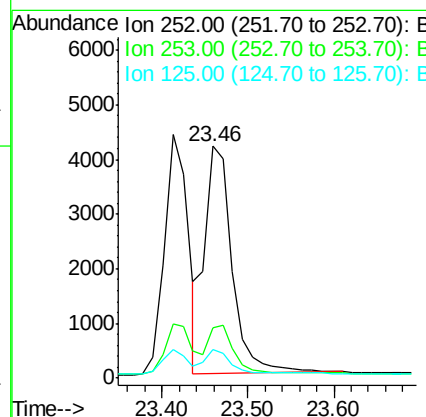
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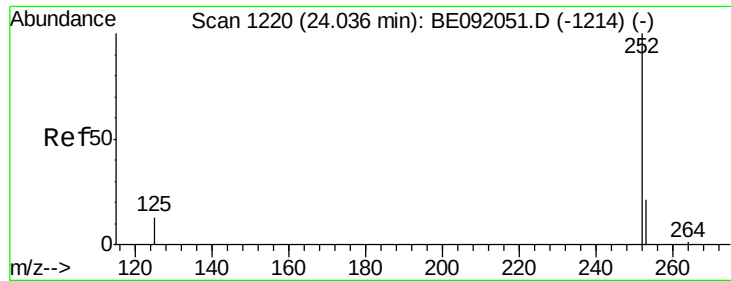
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#42
Benzo(k)fluoranthene
Concen: 0.47 ng
RT: 23.46 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BE092062.D
Acq: 27 Jul 2016 18:39

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.4	29.0
125	12.1	8.9	13.3





#43

Benzo(a)pyrene

Concen: 0.40 ng

RT: 24.05 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BE092062.D

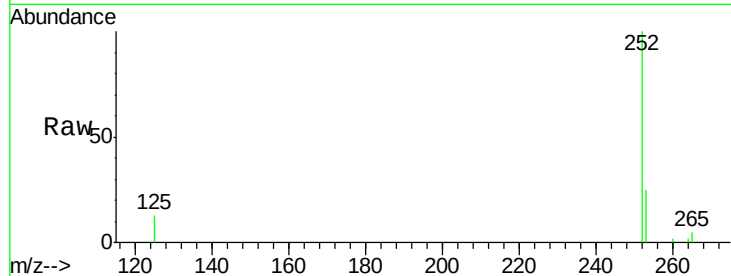
Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

ClientSampleId :

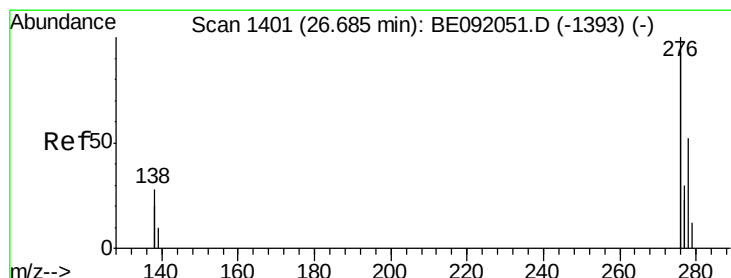
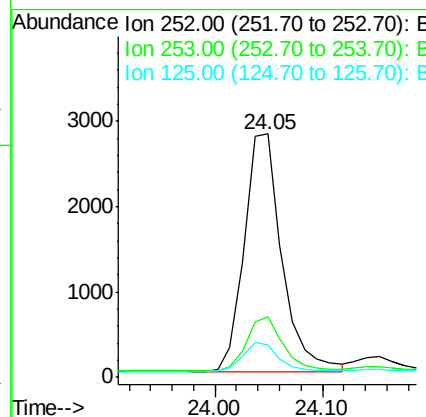
SSTDCCC0.4EC



Tgt Ion:	252	Resp:	6769
Ion Ratio	Lower	Upper	
252	100		
253	24.9	19.8	29.8
125	13.2	10.4	15.6

Manual Integrations
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#44

Dibenzo(a,h)anthracene

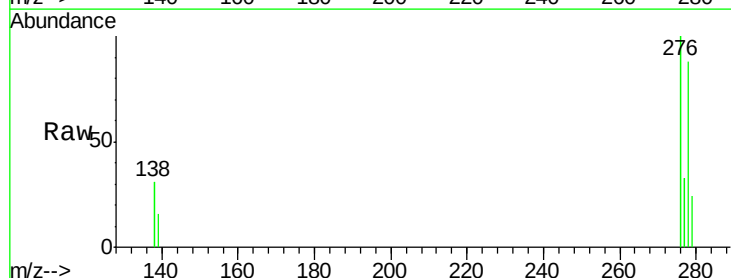
Concen: 0.37 ng

RT: 26.70 min Scan# 1402

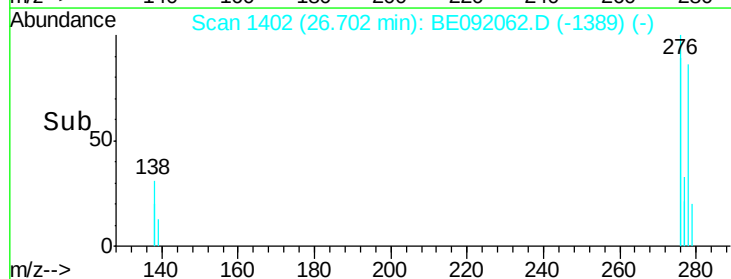
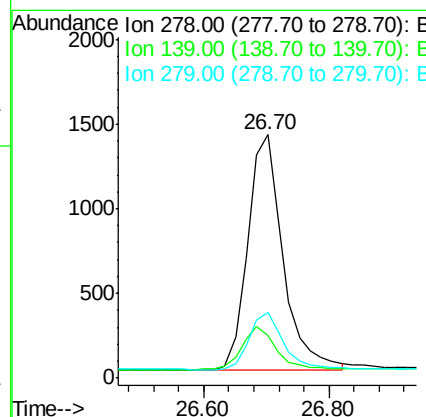
Delta R.T. 0.02 min

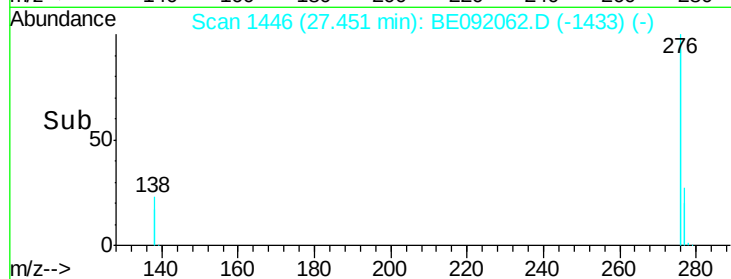
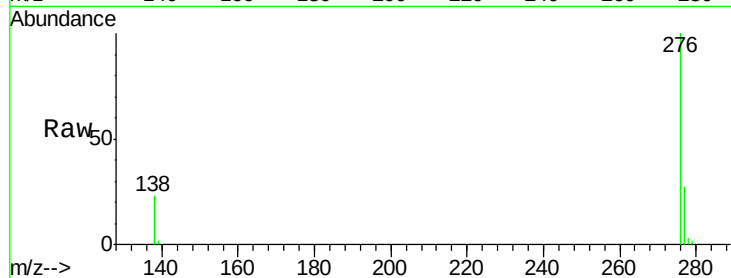
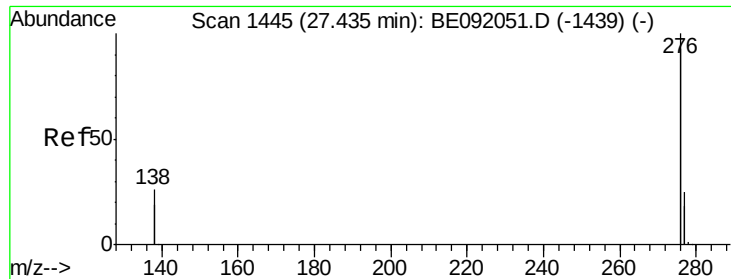
Lab File: BE092062.D

Acq: 27 Jul 2016 18:39



Tgt Ion:	278	Resp:	5457
Ion Ratio	Lower	Upper	
278	100		
139	17.7	16.7	25.1
279	26.8	20.3	30.5





#45

Benzo(g,h,i)perylene

Concen: 0.38 ng

RT: 27.45 min Scan# 1446

Delta R.T. 0.02 min

Lab File: BE092062.D

Acq: 27 Jul 2016 18:39

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tgt Ion:	276	Resp:	23077
Ion Ratio	Lower	Upper	
276	100		
277	26.6	19.5	29.3
138	23.4	20.8	31.2

Manual Integrations
APPROVED

sohil
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