

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
 Data File : BE092058.D
 Acq On : 27 Jul 2016 15:52
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE072716

Manual Integrations
 APPROVED

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 7/28/2016 5:00:52 PM

Quant Time: Jul 27 17:39:13 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	8757	5.00	ng	-0.02
8) Naphthalene-d8	10.99	136	39206	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	16091	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	52442	5.00	ng	0.00
31) Chrysene-d12	21.76	240	46863	5.00	ng	0.00
40) Perylene-d12	24.15	264	58803	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.70	112	695	0.36	ng	-0.02
5) Phenol-d6	7.35	99	845	0.32	ng	0.00
9) Nitrobenzene-d5	9.37	82	957	0.33	ng	0.00
16) 2,4,6-Tribromophenol	16.35	330	189	0.43	ng	0.00
17) 2-Fluorobiphenyl	13.47	172	2636	0.41	ng	0.00
34) Terphenyl-d14	20.20	244	3503	0.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.45	88	493	0.41	ng	96
3) n-Nitrosodimethylamine	3.82	42	525	0.37	ng	# 95
6) bis(2-Chloroethyl)ether	7.61	93	905	0.36	ng	92
7) n-Nitroso-di-n-propylamine	9.00	70	741	0.36	ng	97
10) Nitrobenzene	9.40	77	995	0.35	ng	99
11) bis(2-Chloroethoxy)methane	10.42	93	1135	0.35	ng	# 56
12) Naphthalene	11.04	128	3371	0.39	ng	99
13) Hexachlorobutadiene	11.32	225	514	0.40	ng	# 99
14) 2-Methylnaphthalene	12.66	142	2091	0.38	ng	# 86
18) Acenaphthylene	14.56	152	16158	0.39	ng	99
19) 2,6-Dinitrotoluene	14.44	165	1491	0.42	ng	# 100
20) Acenaphthene	14.92	154	1755	0.40	ng	# 1
21) 2,4-Dinitrotoluene	15.22	165	1248m	0.34	ng	
22) Fluorene	15.90	166	2716	0.39	ng	99
23) 4-Chlorophenyl-phenylether	15.90	204	1421	0.42	ng	# 64
25) 4-Bromophenyl-phenylether	16.78	248	829	0.38	ng	99
26) Hexachlorobenzene	16.90	284	881	0.39	ng	100
27) Pentachlorophenol	17.25	266	124m	0.47	ng	
28) Phenanthrene	17.63	178	5274	0.40	ng	100
29) Anthracene	17.72	178	4483	0.37	ng	99
30) Fluoranthene	19.63	202	21638	0.36	ng	100
32) Benzidine	19.83	184	712	0.41	ng	100
33) Pyrene	19.99	202	25054	0.41	ng	99
35) Benzo(a)anthracene	21.73	228	9041m	0.44	ng	
36) 3,3'-Dichlorobenzidine	21.67	252	1308	0.46	ng	92
37) Chrysene	21.79	228	7796m	0.33	ng	
38) Bis(2-ethylhexyl)phthalate	21.64	149	18819	0.48	ng	# 97
39) Indeno(1,2,3-cd)pyrene	26.67	276	24726	0.45	ng	99
41) Benzo(b)fluoranthene	23.41	252	7156	0.41	ng	98
42) Benzo(k)fluoranthene	23.46	252	7324	0.41	ng	97
43) Benzo(a)pyrene	24.04	252	5637	0.38	ng	98
44) Dibenzo(a,h)anthracene	26.68	278	4994	0.38	ng	99
45) Benzo(g,h,i)perylene	27.43	276	21267	0.39	ng	98

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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Manual Integrations
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Quant Time: Jul 27 17:39:13 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

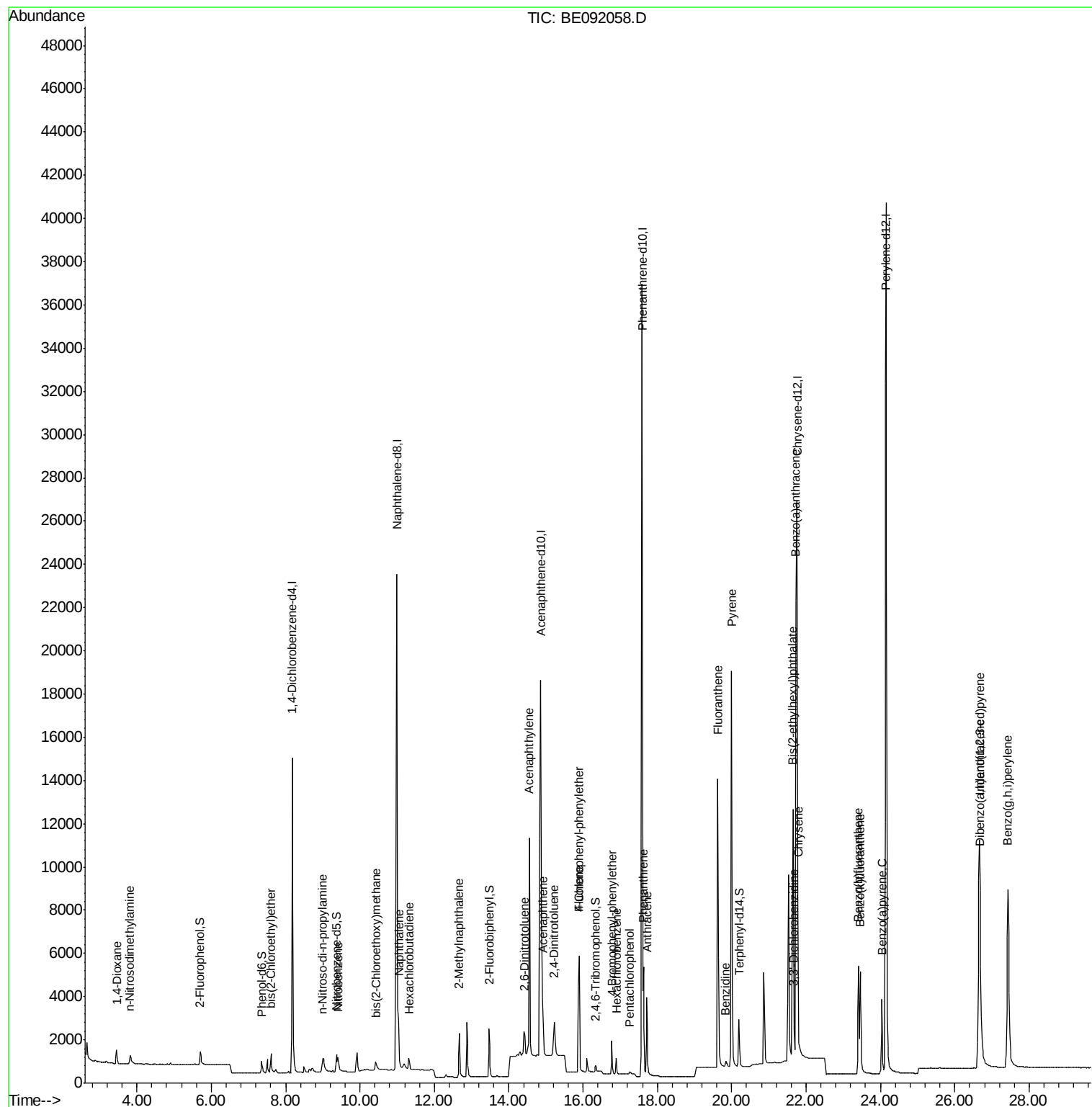
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE072716\
Data File : BE092058.D
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Sample : SSTDICV0.4
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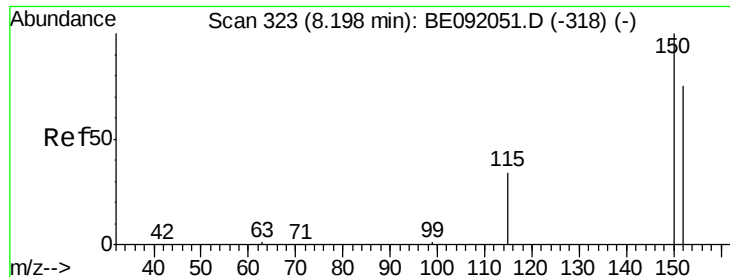
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 8.18 min Scan# 322

Delta R.T. -0.02 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

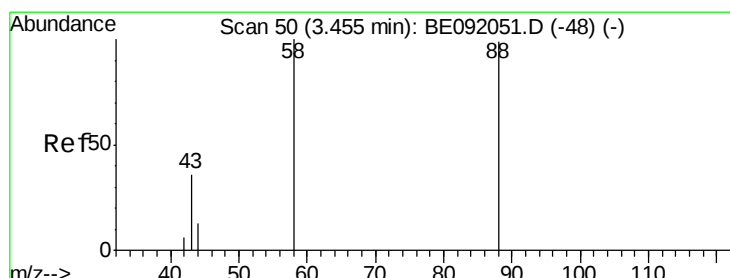
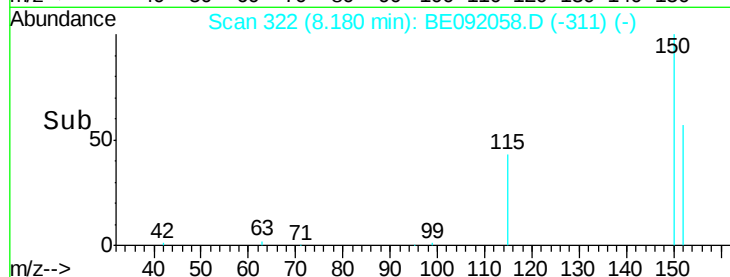
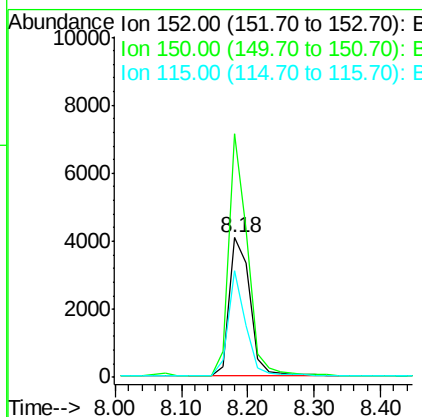
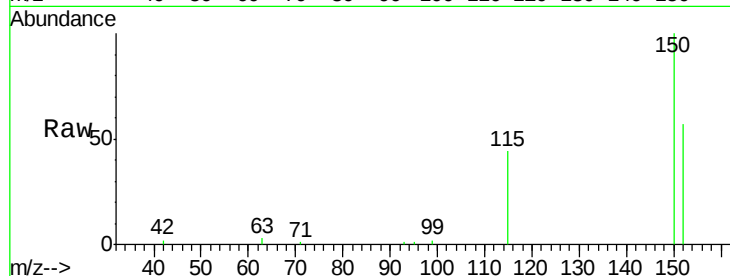
ClientSampleId :

ICVBE072716

Tgt Ion:	152	Resp:	8757
Ion Ratio	Lower	Upper	
152	100		
150	174.7	106.0	159.0#
115	76.7	36.9	55.3#

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#2

1,4-Dioxane

Concen: 0.41 ng

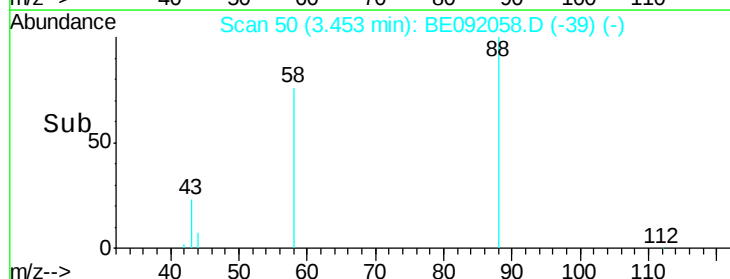
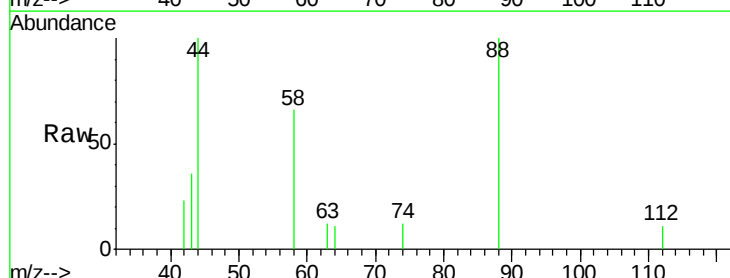
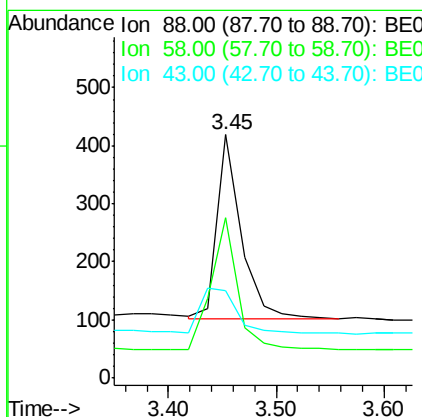
RT: 3.45 min Scan# 50

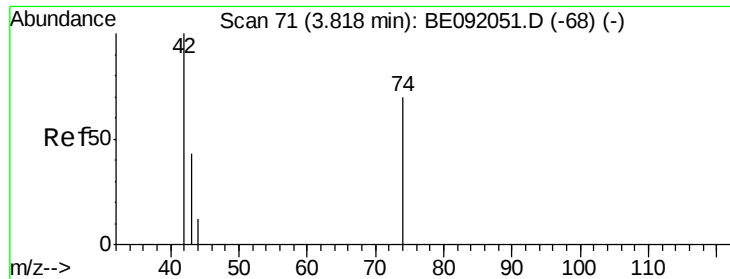
Delta R.T. -0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:	88	Resp:	493
Ion Ratio	Lower	Upper	
88	100		
58	79.9	62.1	93.1
43	38.9	27.2	40.8





#3

n-Nitrosodimethylamine

Concen: 0.37 ng

RT: 3.82 min Scan# 71

Delta R.T. -0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

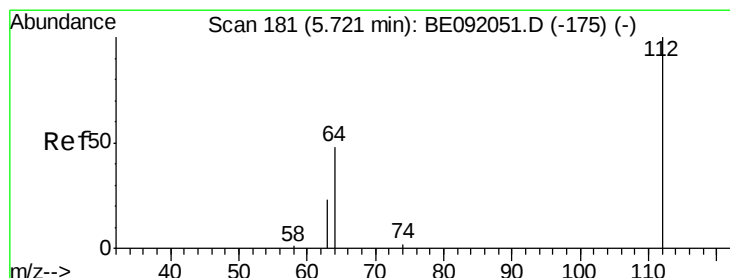
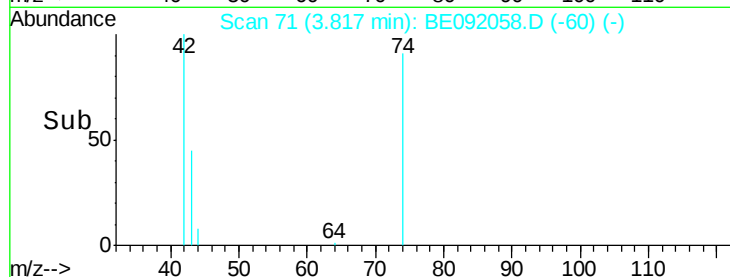
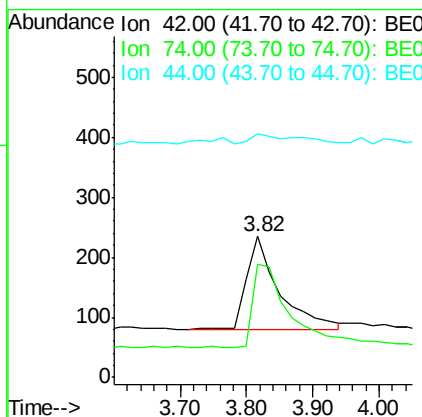
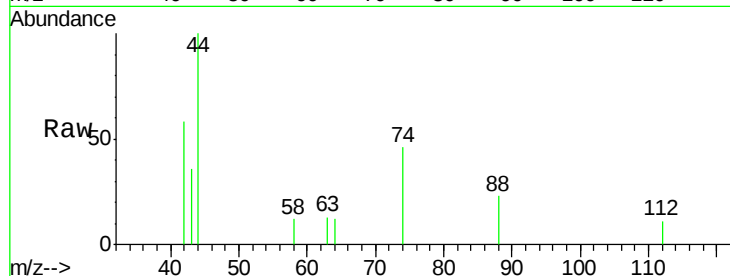
ClientSampleId :

ICVBE072716

Tgt Ion:	42	Resp:	525
Ion	Ratio	Lower	Upper
42	100		
74	98.9	82.8	124.2
44	14.1	9.0	13.4#

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#4

2-Fluorophenol

Concen: 0.36 ng

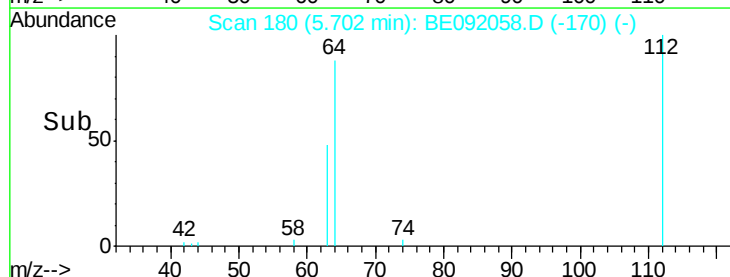
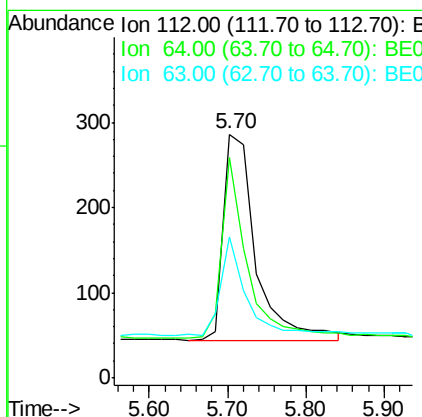
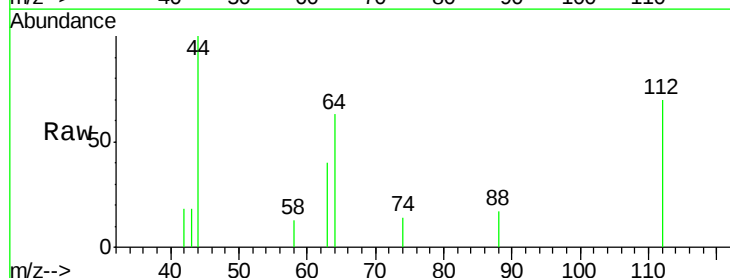
RT: 5.70 min Scan# 180

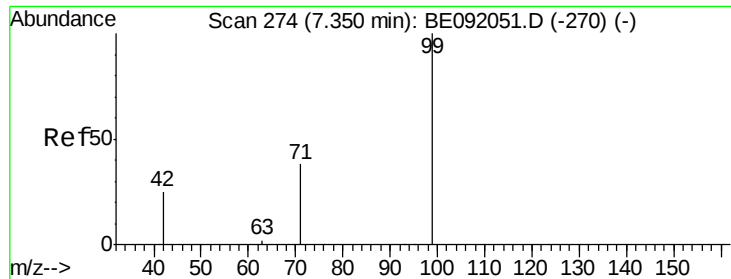
Delta R.T. -0.02 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:	112	Resp:	695
Ion	Ratio	Lower	Upper
112	100		
64	68.6	55.9	83.9
63	38.3	31.1	46.7





#5

Phenol-d6

Concen: 0.32 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

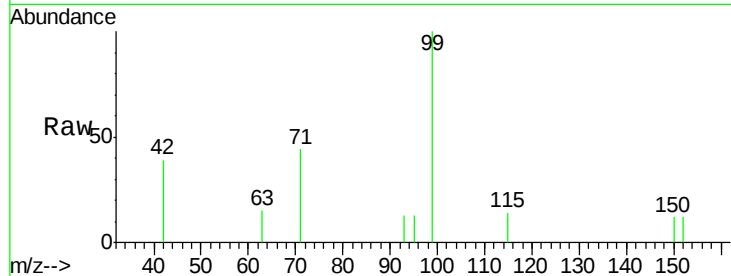
ClientSampleId :

ICVBE072716

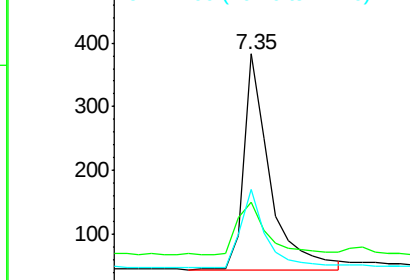
Tgt Ion:	99	Resp:	845
Ion	Ratio	Lower	Upper
99	100		
42	28.3	22.4	33.6
71	35.5	28.9	43.3

Manual Integrations
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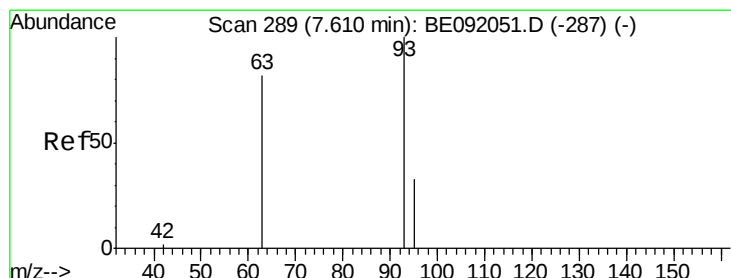
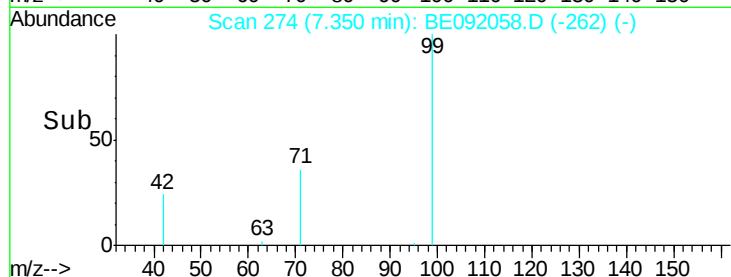
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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



Time-->



#6

bis(2-Chloroethyl)ether

Concen: 0.36 ng

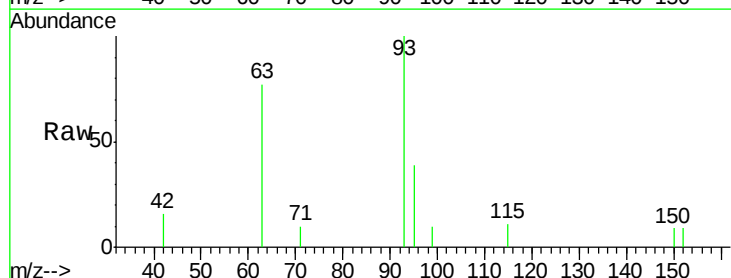
RT: 7.61 min Scan# 289

Delta R.T. -0.00 min

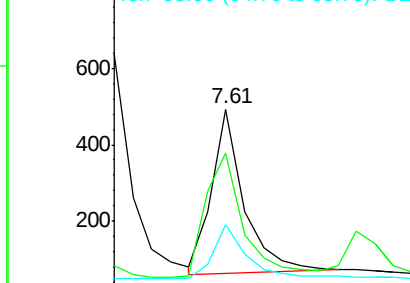
Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

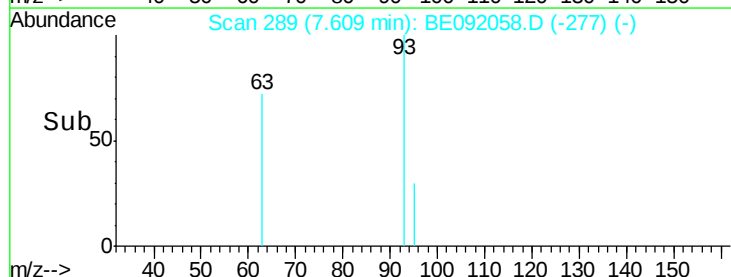
Tgt Ion:	93	Resp:	905
Ion	Ratio	Lower	Upper
93	100		
63	88.8	64.4	96.6
95	35.2	25.8	38.8

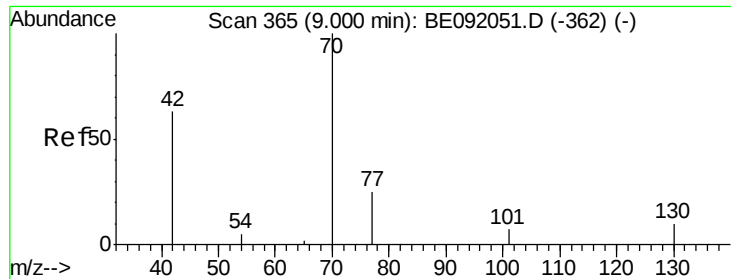


Abundance Ion 93.00 (92.70 to 93.70): BE0
Ion 63.00 (62.70 to 63.70): BE0
Ion 95.00 (94.70 to 95.70): BE0



Time-->





#7

n-Nitroso-di-n-propylamine

Concen: 0.36 ng

RT: 9.00 min Scan# 365

Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

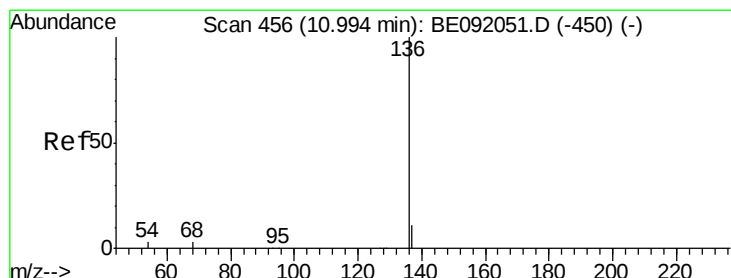
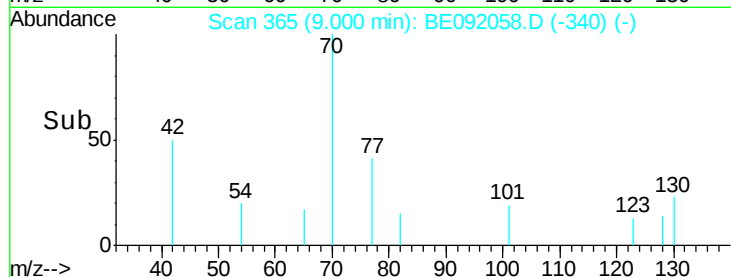
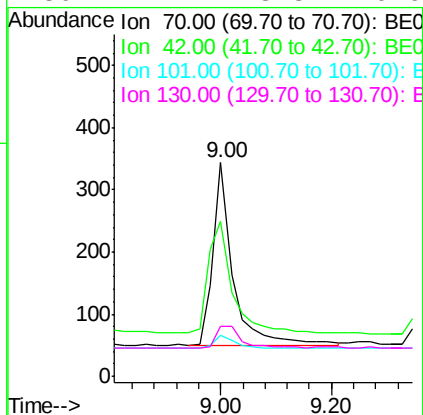
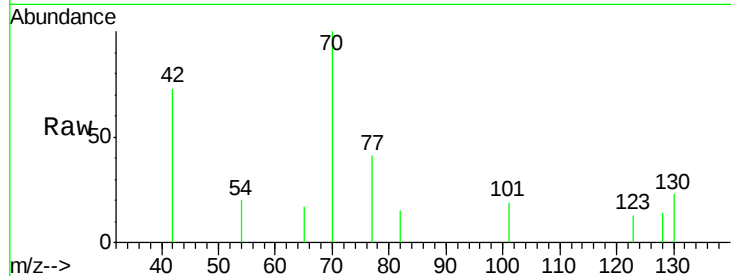
ClientSampleId :

ICVBE072716

Tgt Ion:	70	Resp:	741
Ion	Ratio	Lower	Upper
70	100		
42	77.6	60.2	90.4
101	7.6	6.8	10.2
130	14.2	13.3	19.9

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#8

Naphthalene-d8

Concen: 5.00 ng

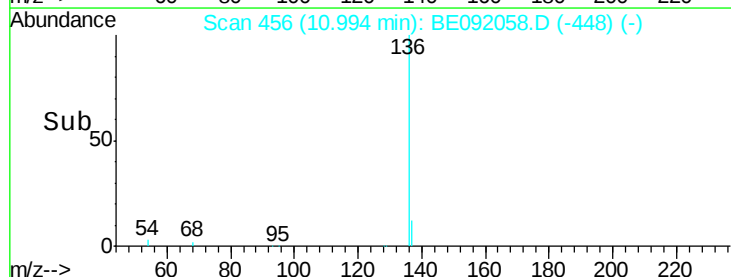
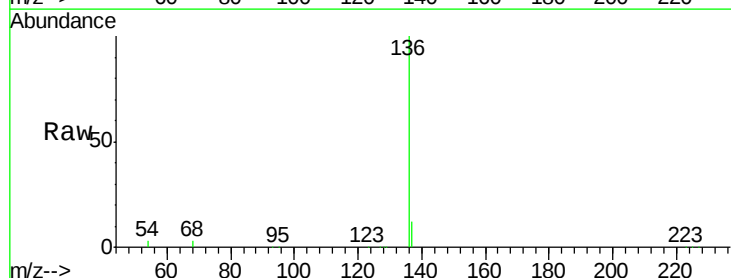
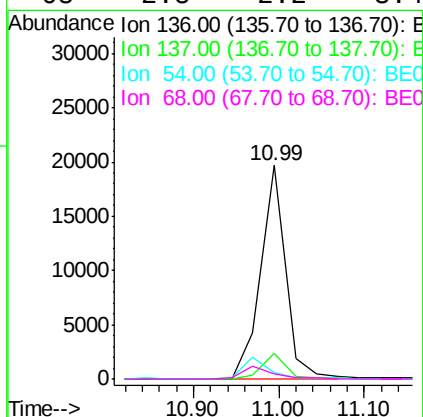
RT: 10.99 min Scan# 456

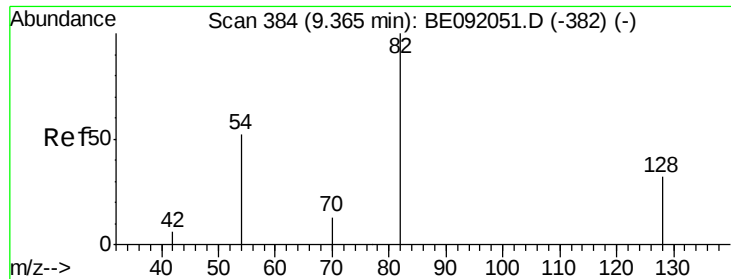
Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:	136	Resp:	39206
Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.1	13.7
54	3.1	2.7	4.1
68	2.5	2.2	3.4





#9

Nitrobenzene-d5

Concen: 0.33 ng

RT: 9.37 min Scan# 384

Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

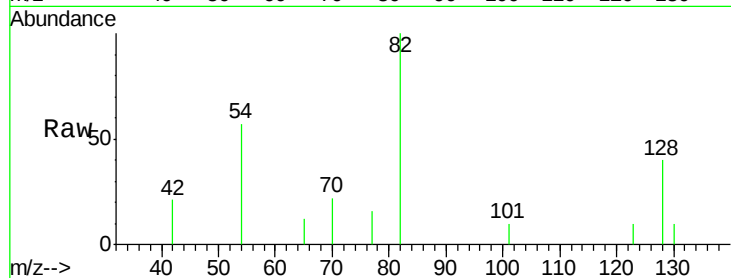
ClientSampleId :

ICVBE072716

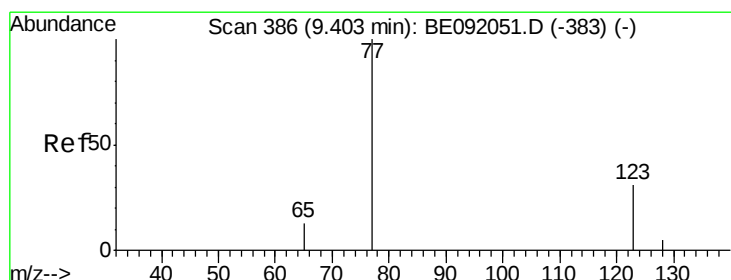
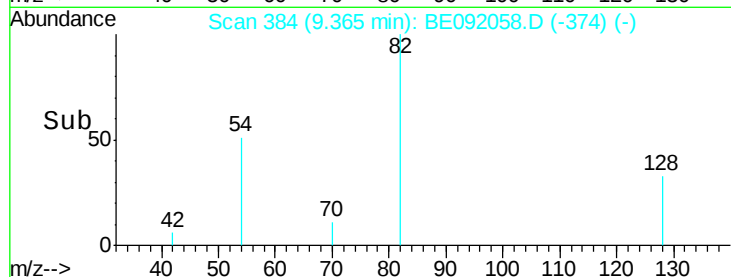
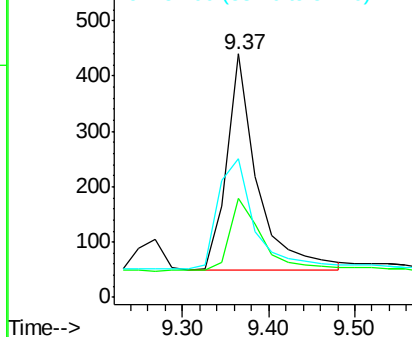
Tgt Ion:	82	Resp:	957
Ion	Ratio	Lower	Upper
82	100		
128	40.5	33.0	49.4
54	56.8	42.6	63.8

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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: 0.35 ng

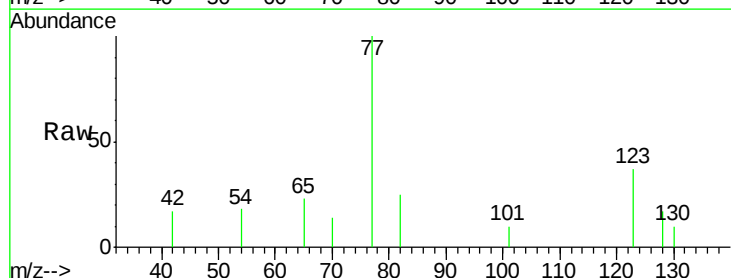
RT: 9.40 min Scan# 386

Delta R.T. 0.00 min

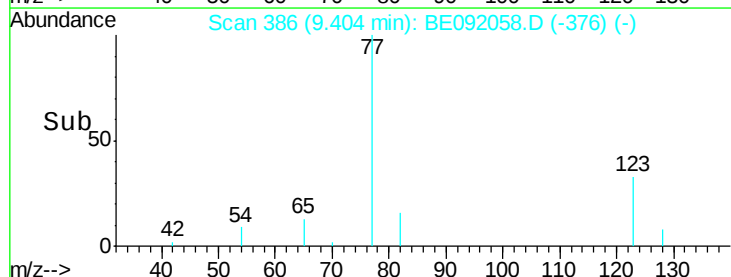
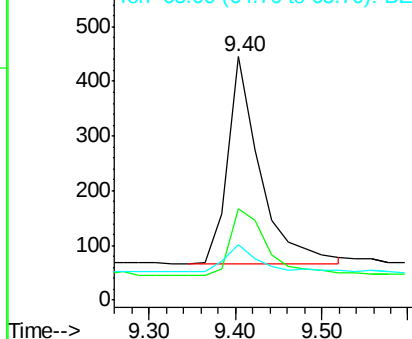
Lab File: BE092058.D

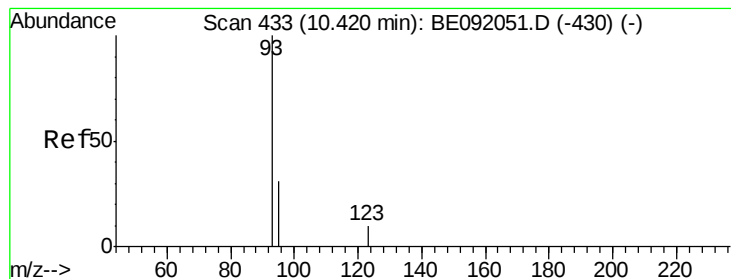
Acq: 27 Jul 2016 15:52

Tgt Ion:	77	Resp:	995
Ion	Ratio	Lower	Upper
77	100		
123	36.7	29.9	44.9
65	13.4	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





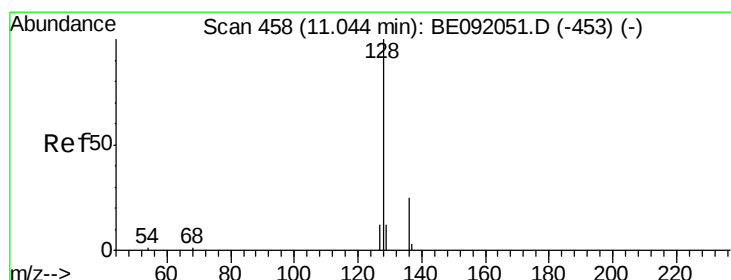
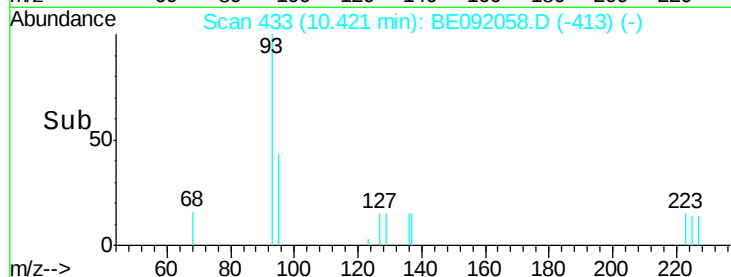
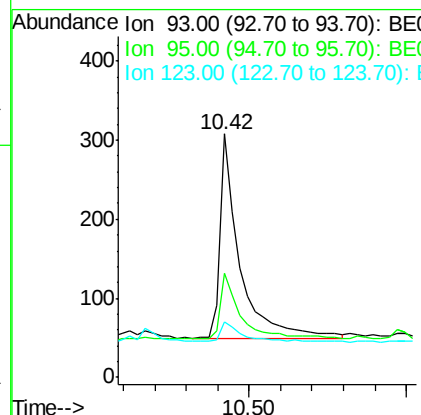
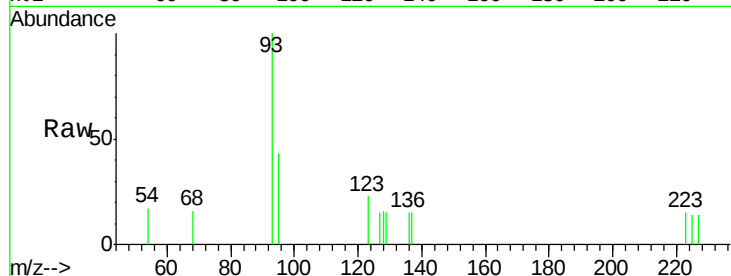
#11
bis(2-Chloroethoxy)methane
Concen: 0.35 ng
RT: 10.42 min Scan# 433
Delta R.T. 0.00 min
Lab File: BE092058.D
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Instrument :
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Tgt Ion: 93 Resp: 1135
Ion Ratio Lower Upper
93 100
95 62.1 25.0 37.6#
123 11.6 7.8 11.8

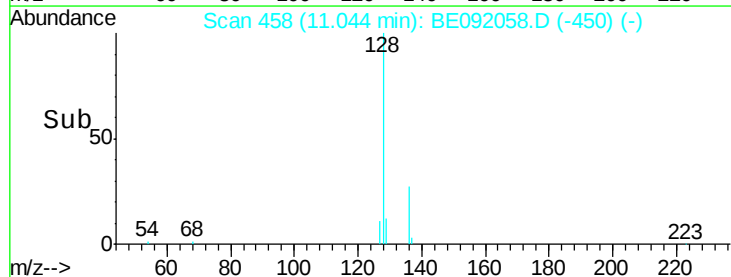
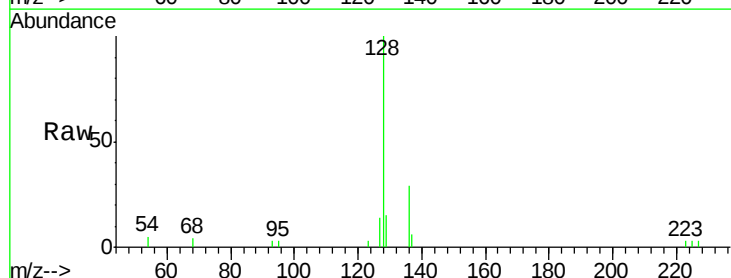
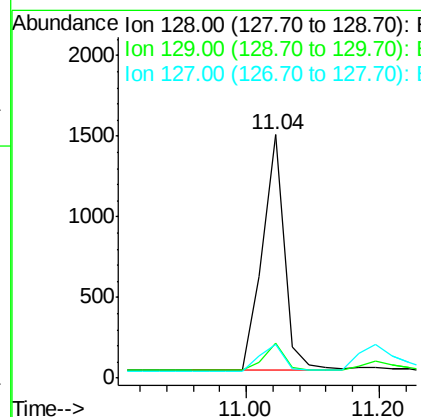
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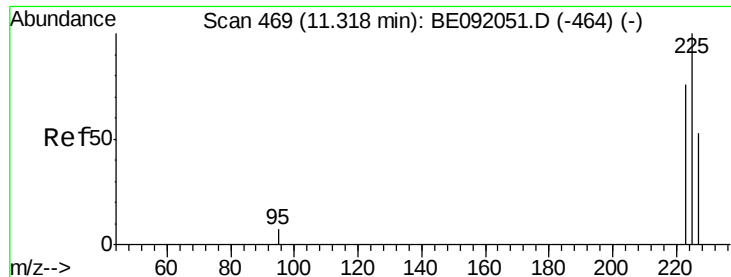
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#12
Naphthalene
Concen: 0.39 ng
RT: 11.04 min Scan# 458
Delta R.T. 0.00 min
Lab File: BE092058.D
Acq: 27 Jul 2016 15:52

Tgt Ion: 128 Resp: 3371
Ion Ratio Lower Upper
128 100
129 14.6 11.1 16.7
127 14.0 11.3 16.9





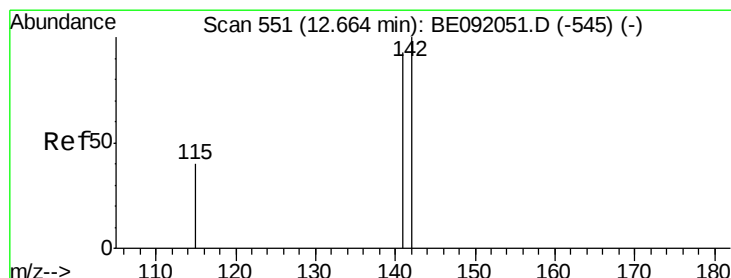
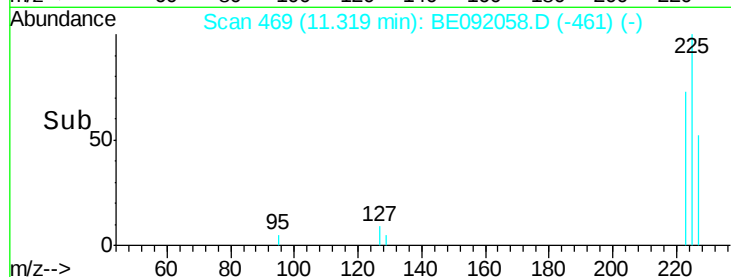
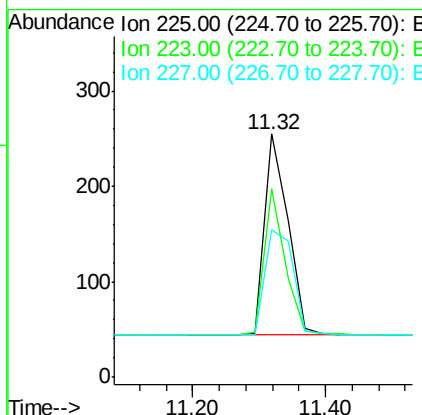
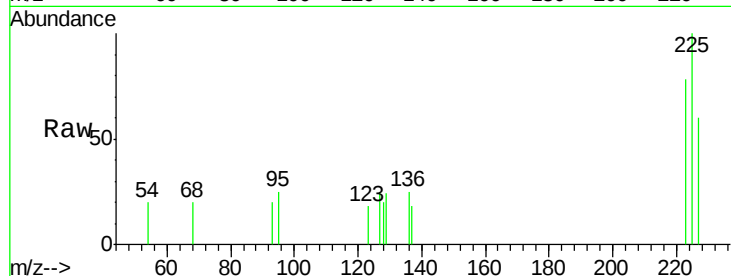
#13
Hexachlorobutadiene
Concen: 0.40 ng
RT: 11.32 min Scan# 469
Delta R.T. 0.00 min
Lab File: BE092058.D
Acq: 27 Jul 2016 15:52

Instrument :
BNA_E
ClientSampleId :
ICVBE072716

Tgt Ion: 225 Resp: 514
Ion Ratio Lower Upper
225 100
223 65.8 51.9 77.9
227 62.6 0.0 0.0#

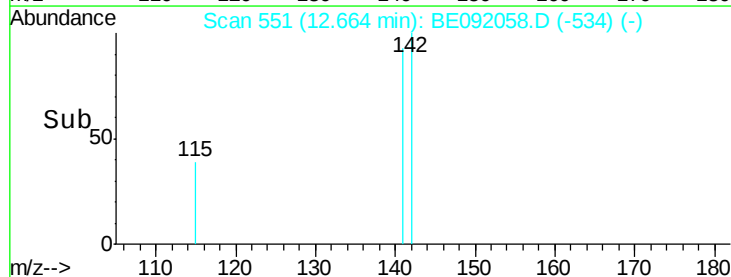
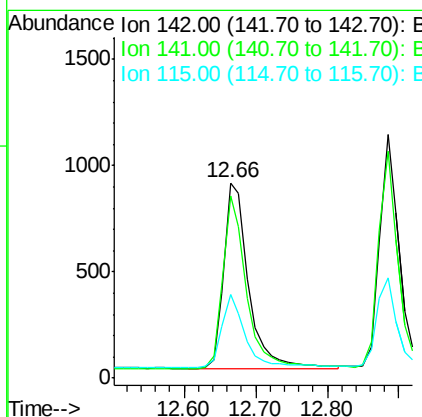
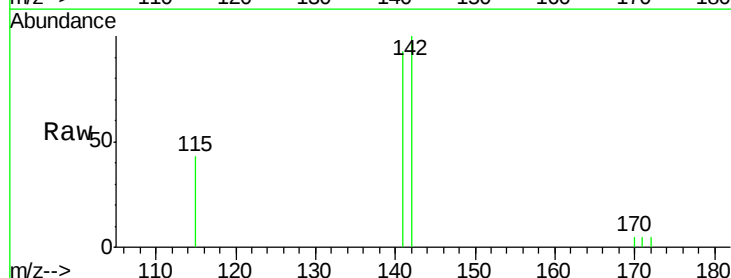
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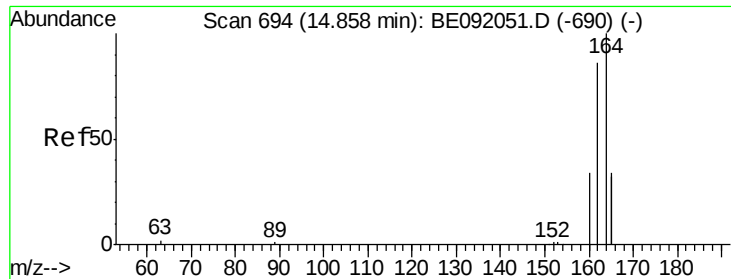
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#14
2-Methylnaphthalene
Concen: 0.38 ng
RT: 12.66 min Scan# 551
Delta R.T. 0.00 min
Lab File: BE092058.D
Acq: 27 Jul 2016 15:52

Tgt Ion: 142 Resp: 2091
Ion Ratio Lower Upper
142 100
141 93.4 65.1 97.7
115 42.7 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: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

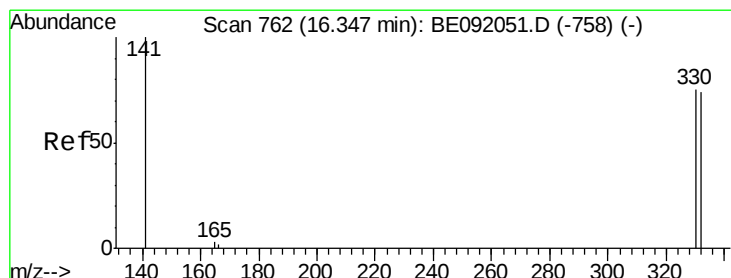
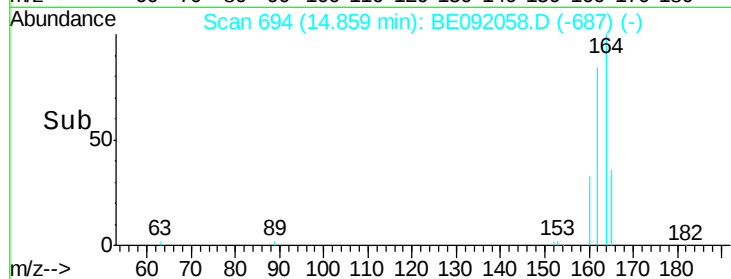
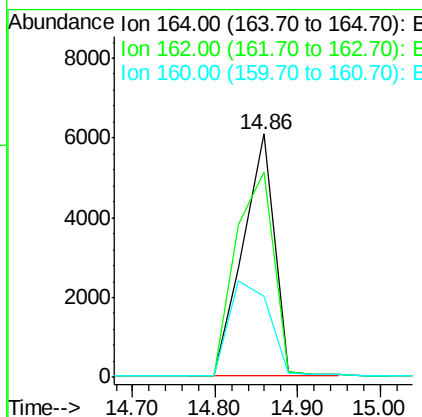
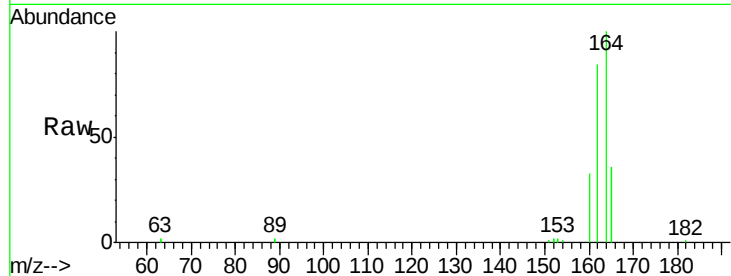
ClientSampleId :

ICVBE072716

Tgt Ion:	164	Resp:	16091
Ion	Ratio	Lower	Upper
164	100		
162	84.2	69.5	104.3
160	33.0	27.6	41.4

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#16

2,4,6-Tribromophenol

Concen: 0.43 ng

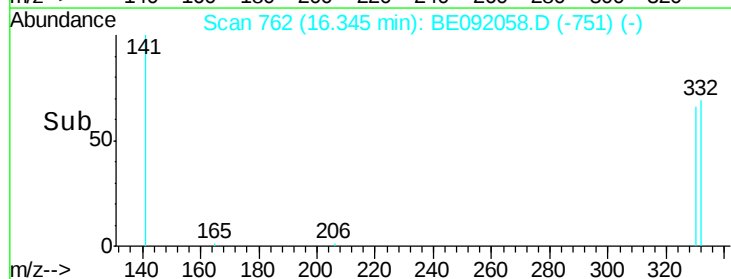
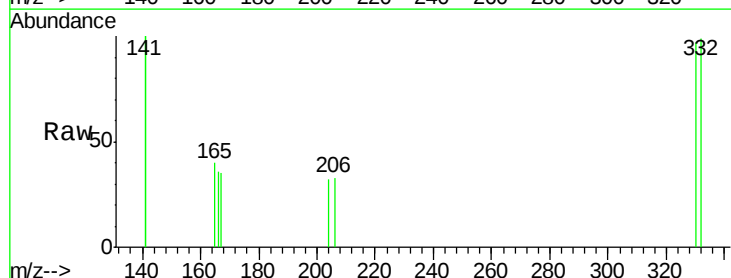
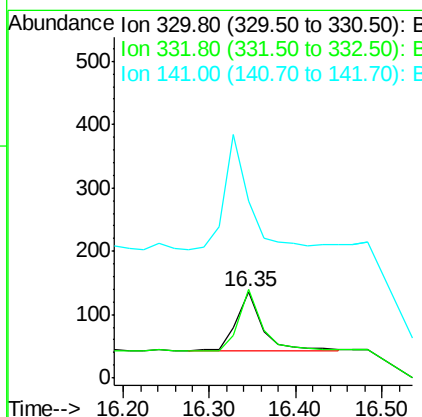
RT: 16.35 min Scan# 762

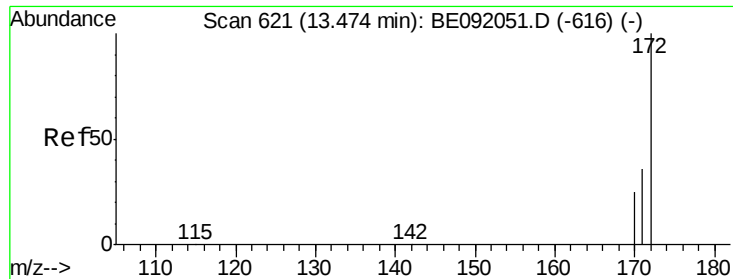
Delta R.T. -0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:	330	Resp:	189
Ion	Ratio	Lower	Upper
330	100		
332	95.2	74.2	111.4
141	189.9	139.8	209.8





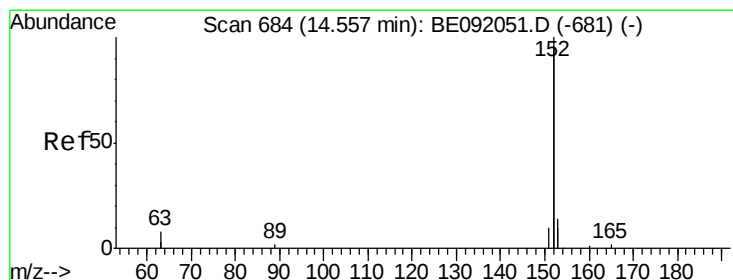
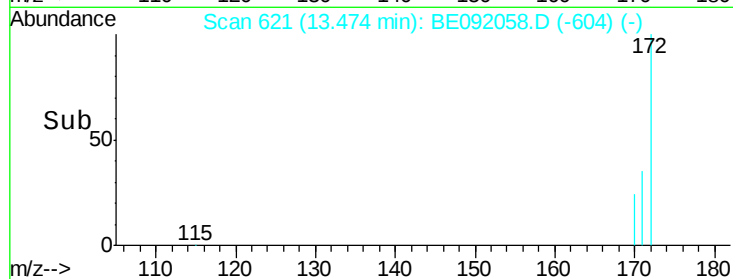
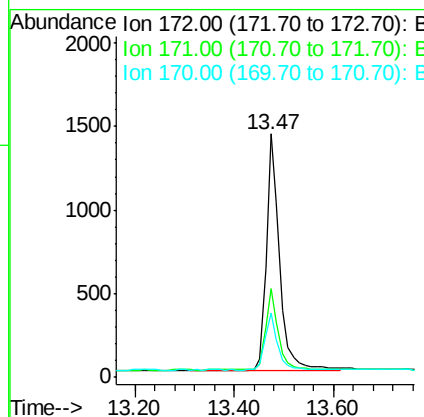
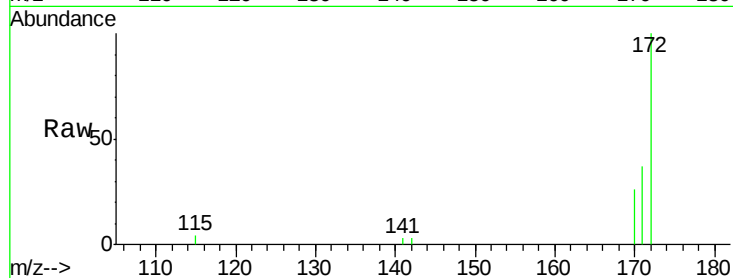
#17
2-Fluorobiphenyl
Concen: 0.41 ng
RT: 13.47 min Scan# 621
Delta R.T. 0.00 min
Lab File: BE092058.D
Acq: 27 Jul 2016 15:52

Instrument :
BNA_E
ClientSampleId :
ICVBE072716

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	2636		
171	36.7		30.3	45.5
170	26.2		21.6	32.4

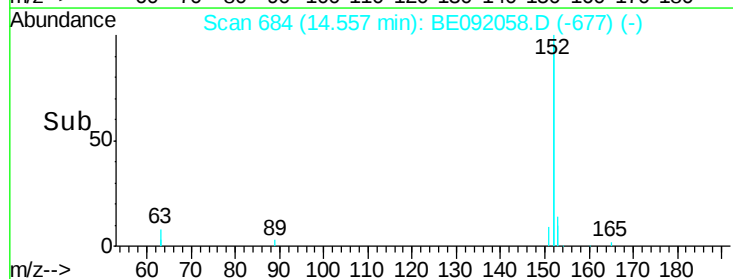
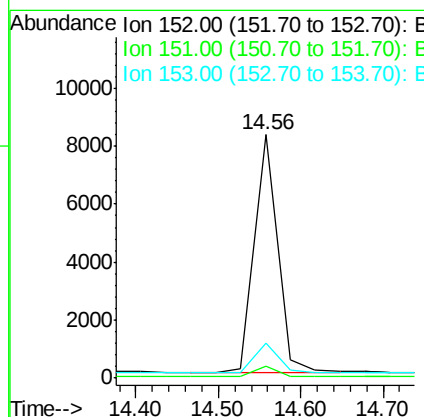
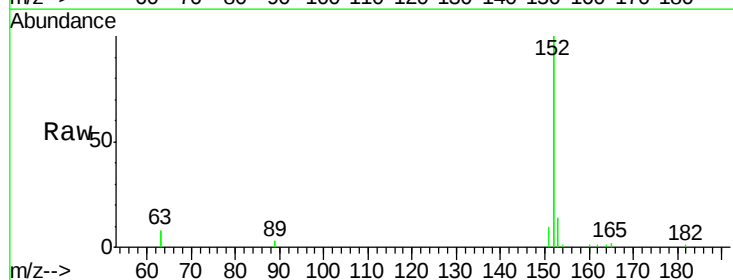
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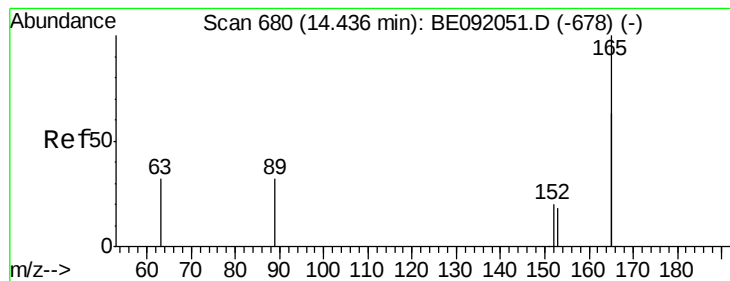
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#18
Acenaphthylene
Concen: 0.39 ng
RT: 14.56 min Scan# 684
Delta R.T. 0.00 min
Lab File: BE092058.D
Acq: 27 Jul 2016 15:52

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	16158		
151	4.7		4.0	6.0
153	12.6		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: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

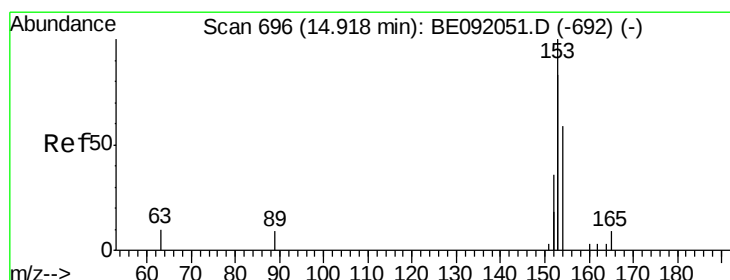
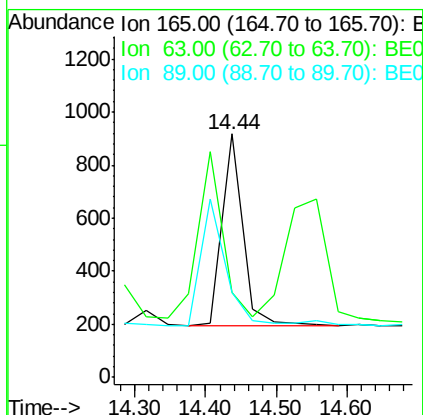
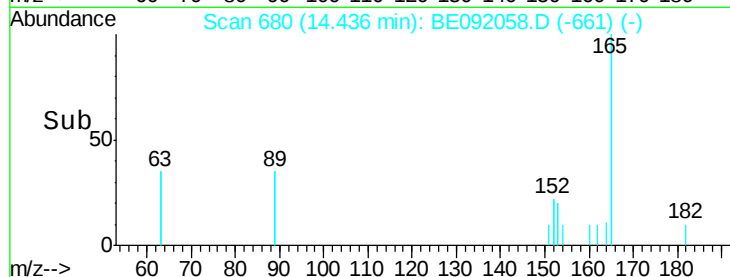
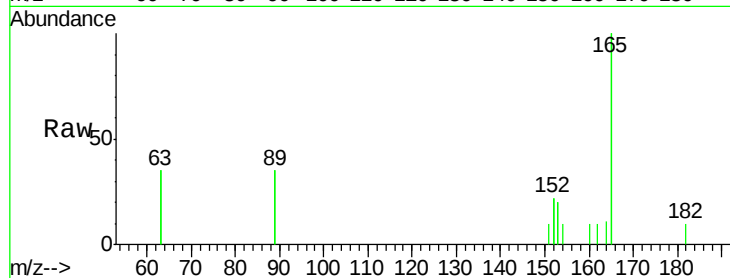
ClientSampleId :

ICVBE072716

Tgt Ion:	165	Resp:	1491
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: 0.40 ng

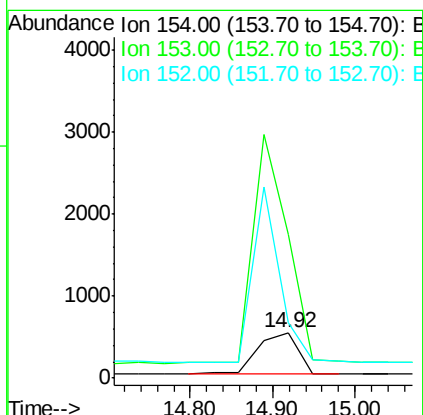
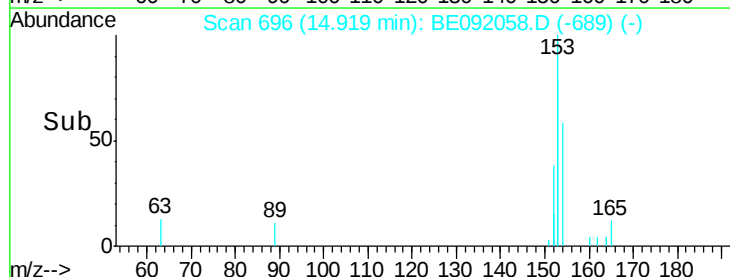
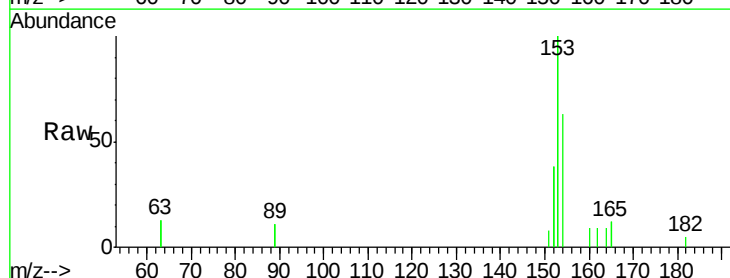
RT: 14.92 min Scan# 696

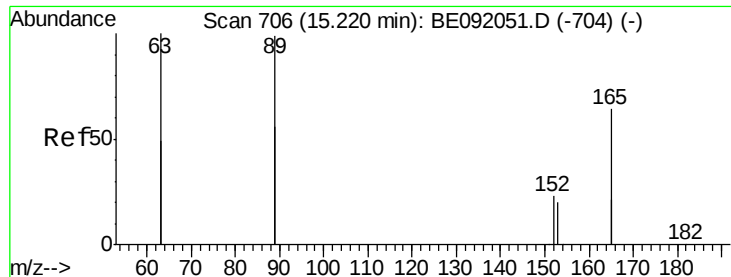
Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:	154	Resp:	1755
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: 0.34 ng m

RT: 15.22 min Scan# 706

Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

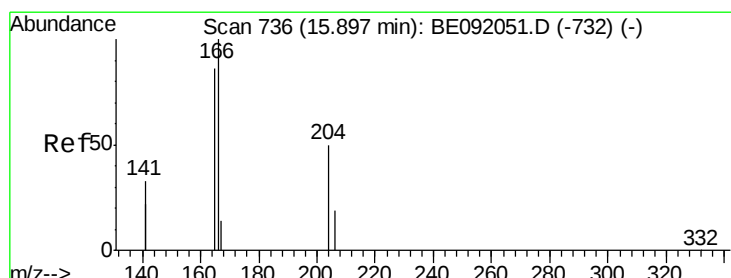
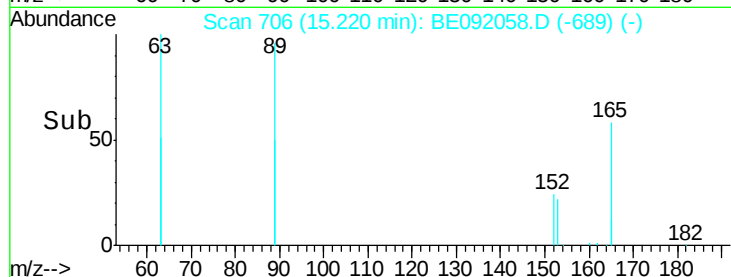
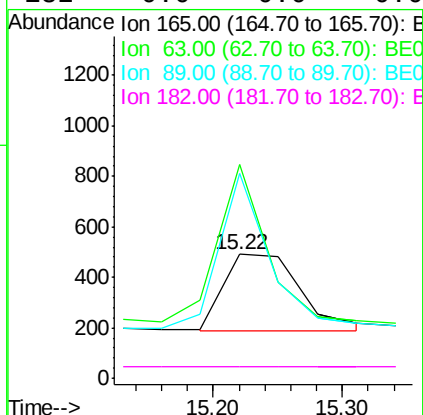
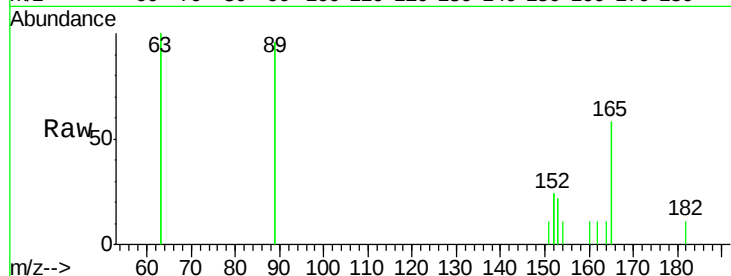
ClientSampleId :

ICVBE072716

Tgt Ion:	165	Resp:	1248
Ion Ratio	Lower	Upper	
165	100		
63	496.3	324.0	486.0#
89	474.6	308.4	462.6#
182	0.0	0.0	0.0

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#22

Fluorene

Concen: 0.39 ng

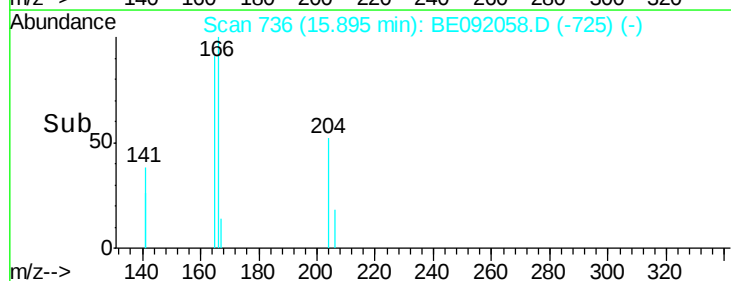
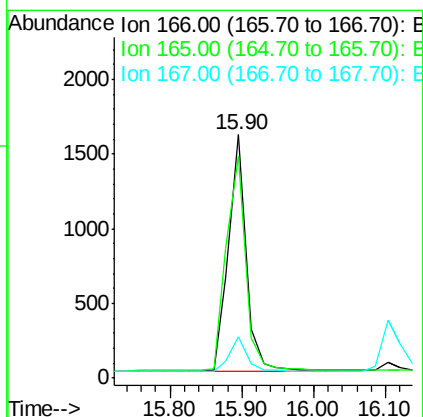
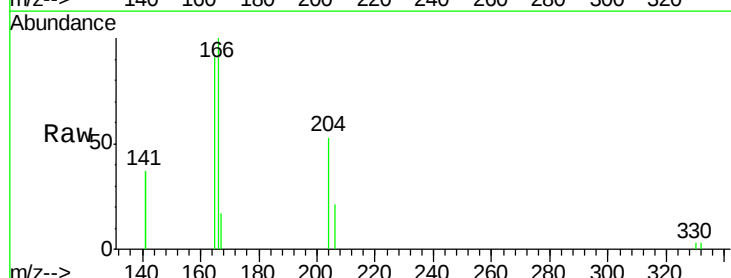
RT: 15.90 min Scan# 736

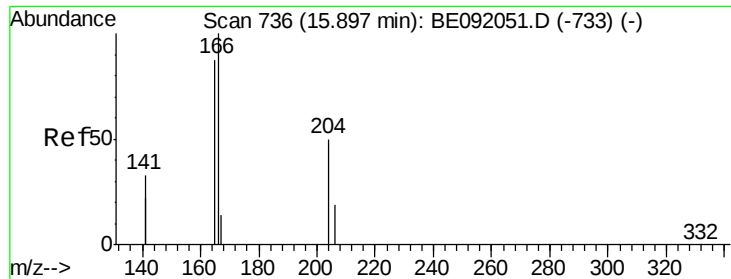
Delta R.T. -0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:	166	Resp:	2716
Ion Ratio	Lower	Upper	
166	100		
165	99.6	78.6	118.0
167	14.8	11.1	16.7





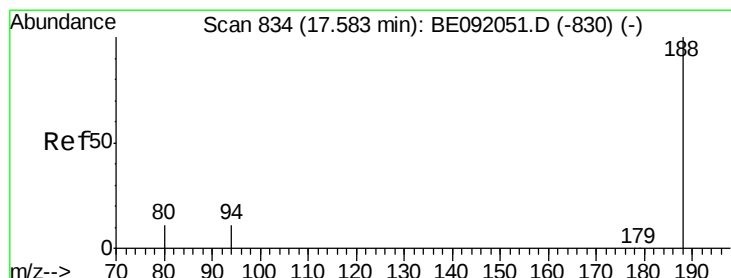
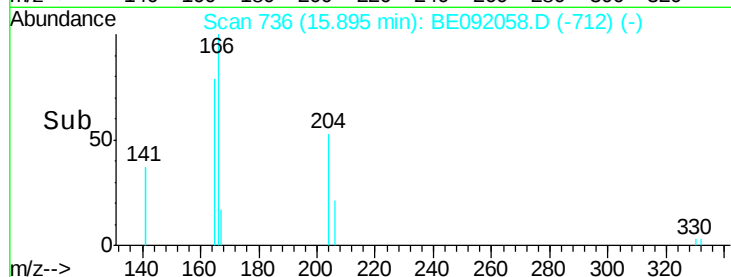
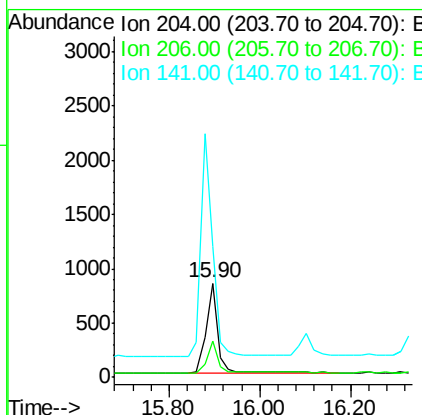
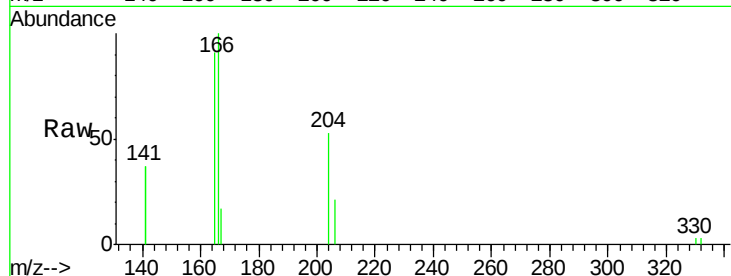
#23
4-Chlorophenyl-phenylether
Concen: 0.42 ng
RT: 15.90 min Scan# 736
Delta R.T. -0.00 min
Lab File: BE092058.D
Acq: 27 Jul 2016 15:52

Instrument :
BNA_E
ClientSampleId :
ICVBE072716

Tgt Ion: 204 Resp: 1421
Ion Ratio Lower Upper
204 100
206 33.0 27.0 40.4
141 319.5 198.5 297.7#

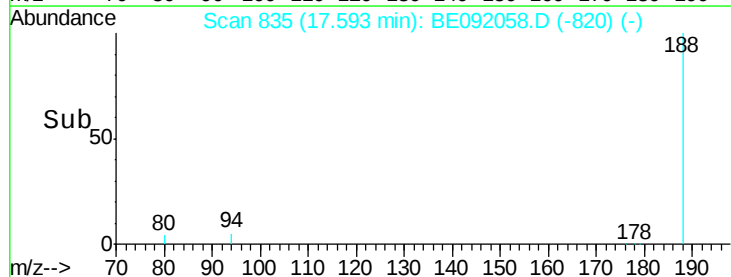
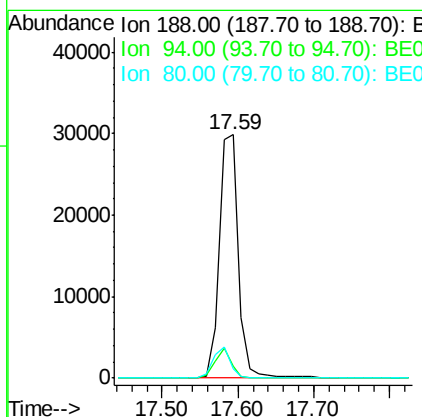
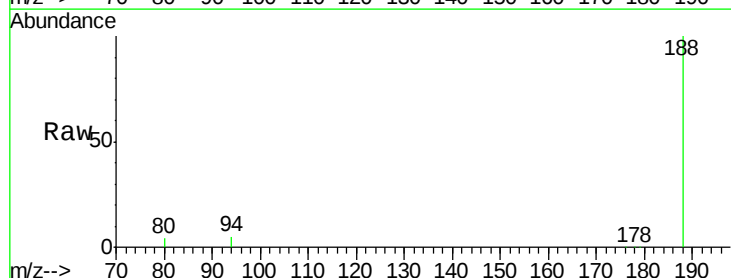
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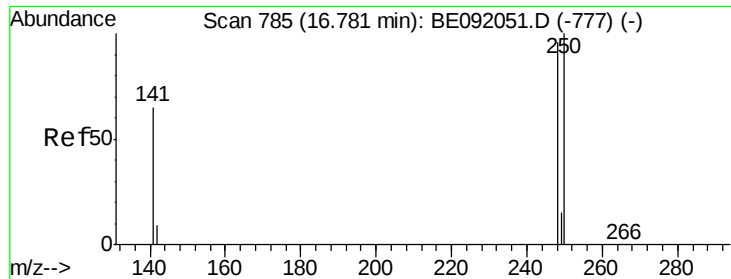
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.59 min Scan# 835
Delta R.T. 0.01 min
Lab File: BE092058.D
Acq: 27 Jul 2016 15:52

Tgt Ion: 188 Resp: 52442
Ion Ratio Lower Upper
188 100
94 4.8 3.9 5.9
80 4.0 3.4 5.0





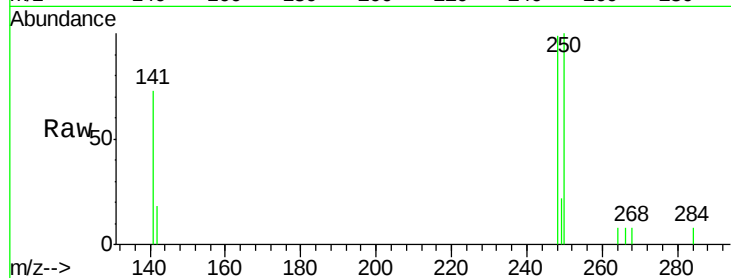
#25
4-Bromophenyl-phenylether
Concen: 0.38 ng
RT: 16.78 min Scan# 785
Delta R.T. -0.00 min
Lab File: BE092058.D
Acq: 27 Jul 2016 15:52

Instrument :
BNA_E
ClientSampleId :
ICVBE072716

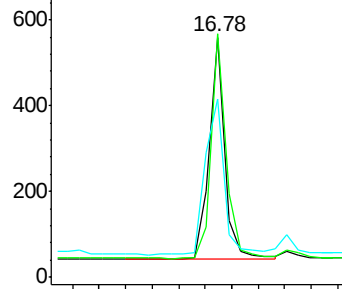
Tgt Ion	Ratio	Lower	Upper
248	100		
250	98.6	79.6	119.4
141	86.4	68.7	103.1

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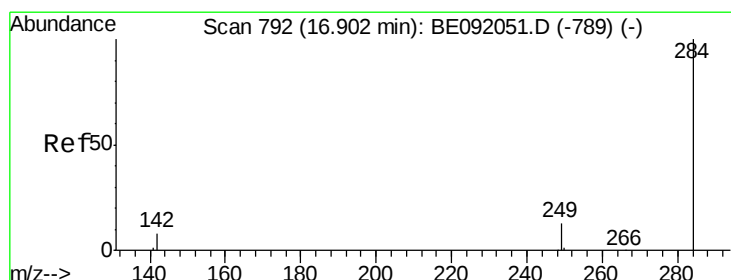
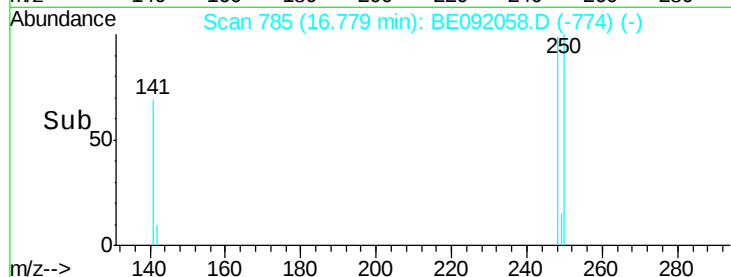
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Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E



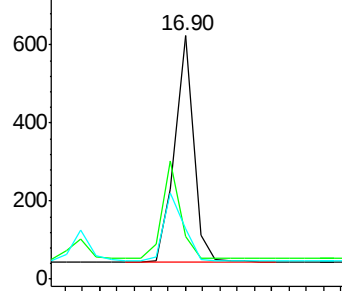
Time-->



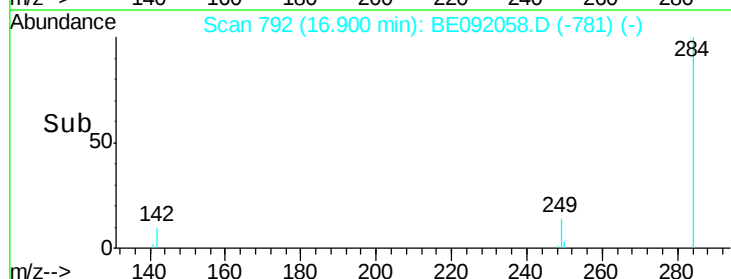
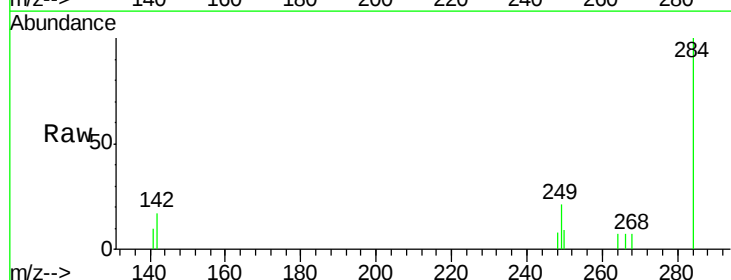
#26
Hexachlorobenzene
Concen: 0.39 ng
RT: 16.90 min Scan# 792
Delta R.T. -0.00 min
Lab File: BE092058.D
Acq: 27 Jul 2016 15:52

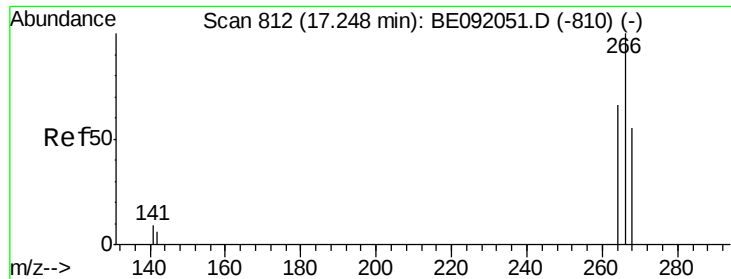
Tgt Ion	Ratio	Lower	Upper
284	100		
142	41.8	33.3	49.9
249	31.8	25.4	38.0

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



Time-->





#27

Pentachlorophenol

Concen: 0.47 ng m

RT: 17.25 min Scan# 812

Delta R.T. -0.00 min

Lab File: BE092058.D

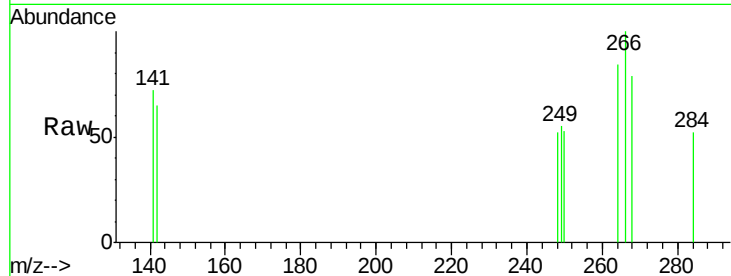
Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

ClientSampleId :

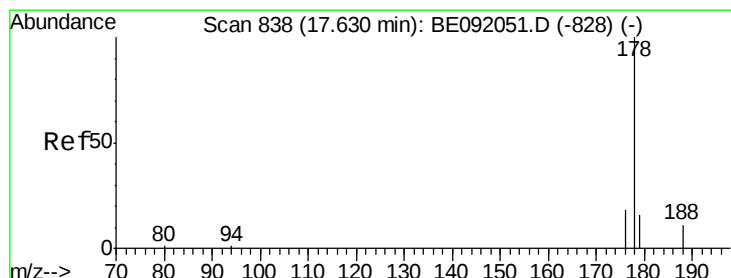
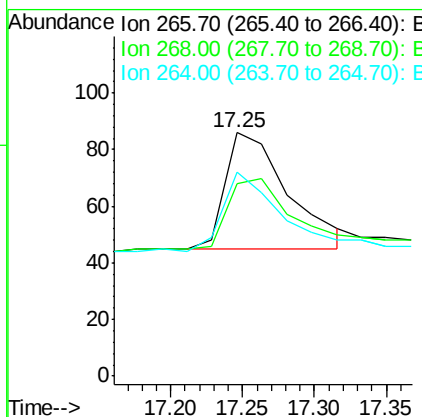
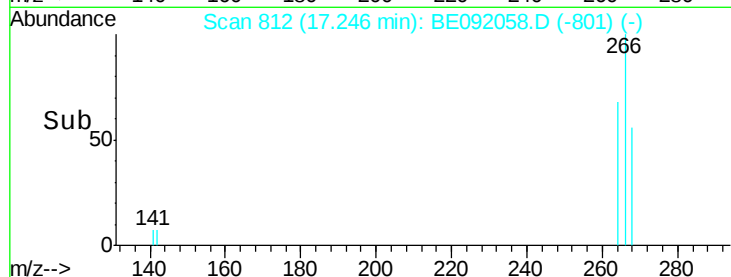
ICVBE072716



Tgt Ion:	266	Resp:	124
Ion Ratio	Lower	Upper	
266	100		
268	79.1	62.7	94.1
264	83.7	63.5	95.3

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#28

Phenanthrene

Concen: 0.40 ng

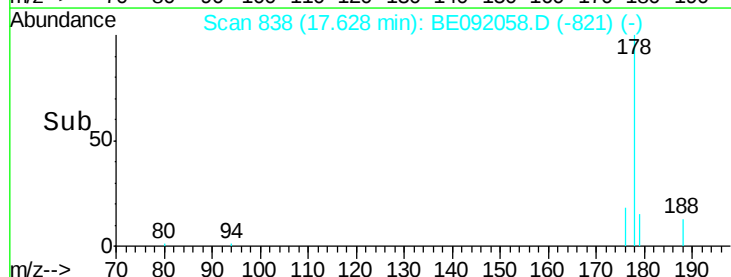
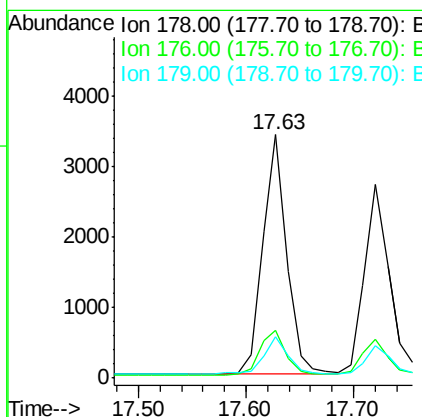
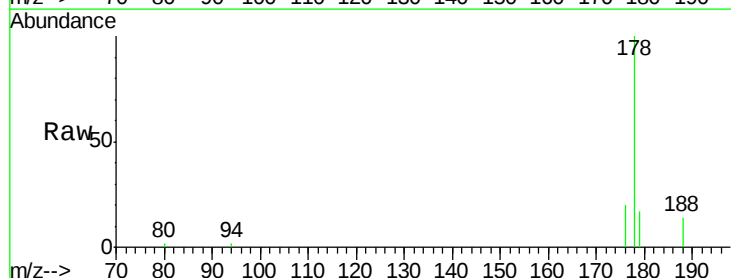
RT: 17.63 min Scan# 838

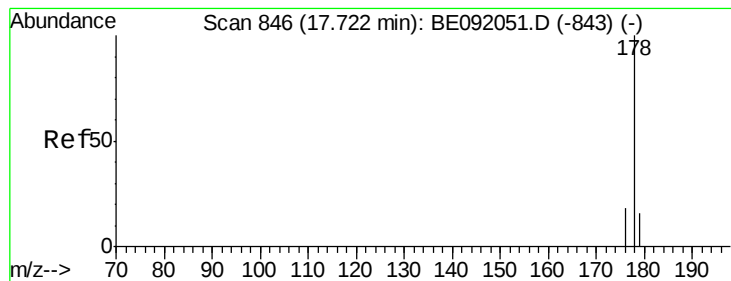
Delta R.T. -0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:	178	Resp:	5274
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.4	23.0
179	15.9	12.7	19.1





#29

Anthracene

Concen: 0.37 ng

RT: 17.72 min Scan# 846

Delta R.T. -0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

ClientSampleId :

ICVBE072716

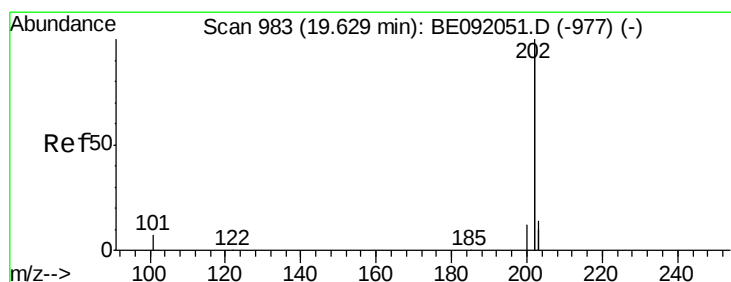
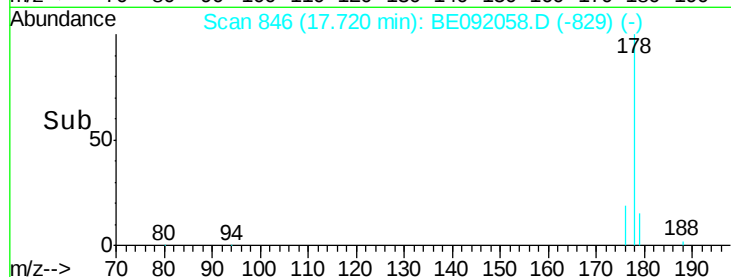
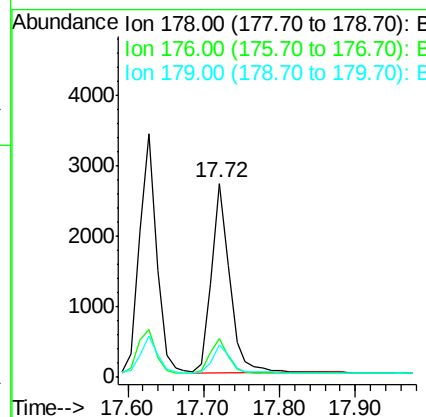
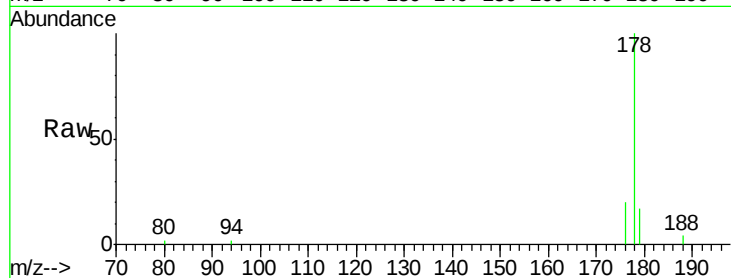
Tgt Ion:178 Resp: 4483

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.2	22.8
179	15.0	12.2	18.4

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#30

Fluoranthene

Concen: 0.36 ng

RT: 19.63 min Scan# 983

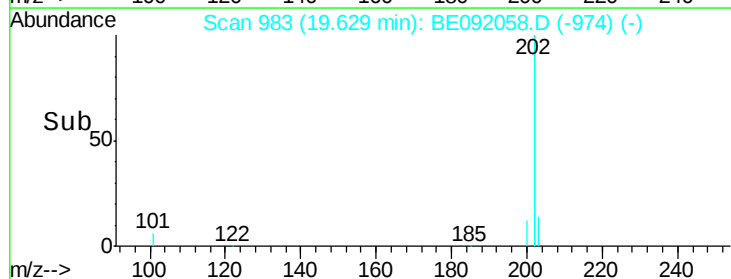
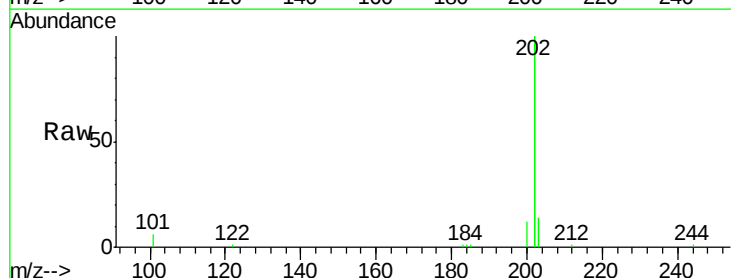
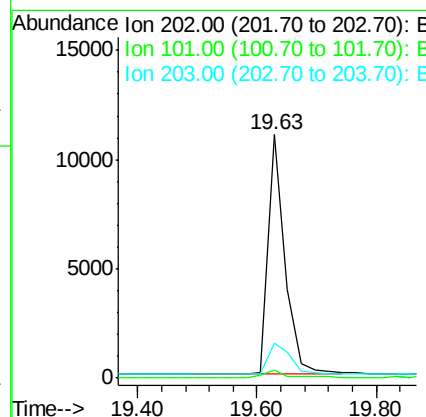
Delta R.T. 0.00 min

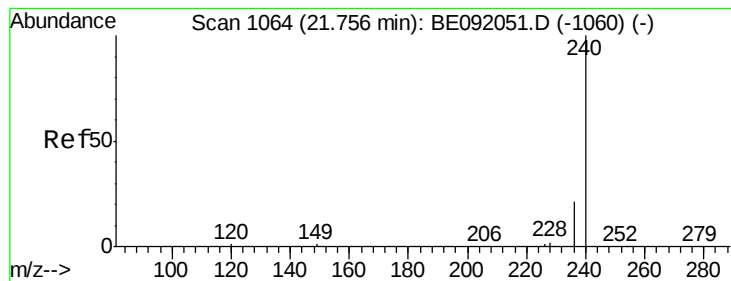
Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:202 Resp: 21638

Ion	Ratio	Lower	Upper
202	100		
101	2.7	2.2	3.2
203	16.4	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: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

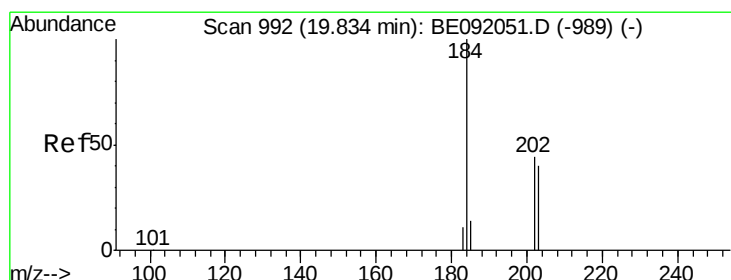
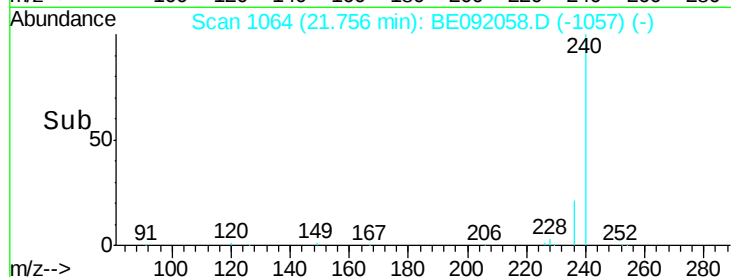
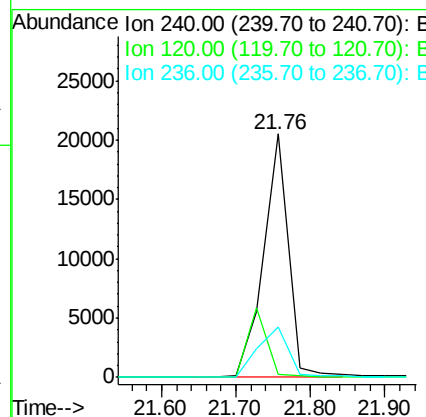
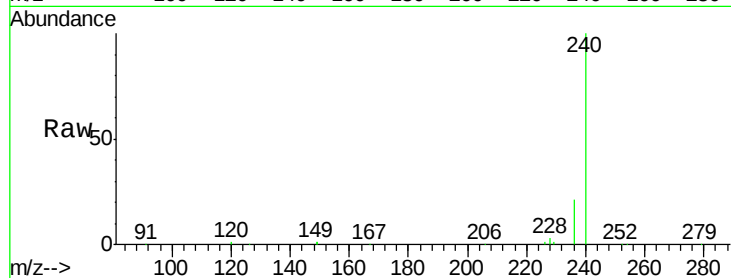
ClientSampleId :

ICVBE072716

Tgt Ion:240 Resp: 46863
 Ion Ratio Lower Upper
 240 100
 120 1.0 0.6 1.0#
 236 20.8 18.2 27.4

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#32

Benzidine

Concen: 0.41 ng

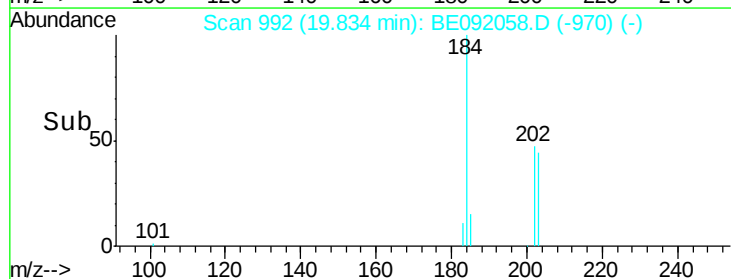
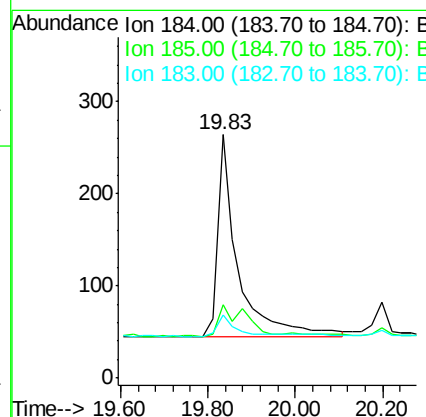
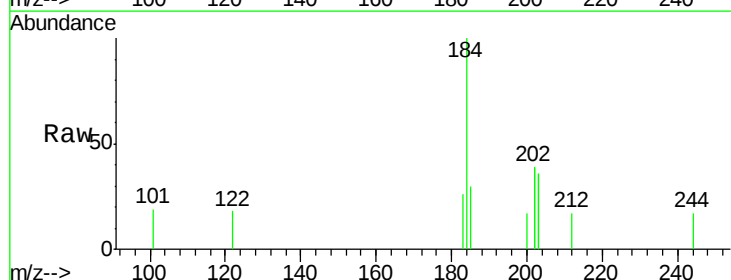
RT: 19.83 min Scan# 992

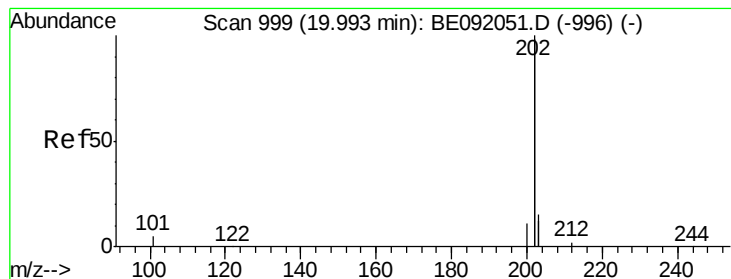
Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:184 Resp: 712
 Ion Ratio Lower Upper
 184 100
 185 29.9 23.8 35.6
 183 26.1 20.7 31.1





#33

Pyrene

Concen: 0.41 ng

RT: 19.99 min Scan# 999

Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

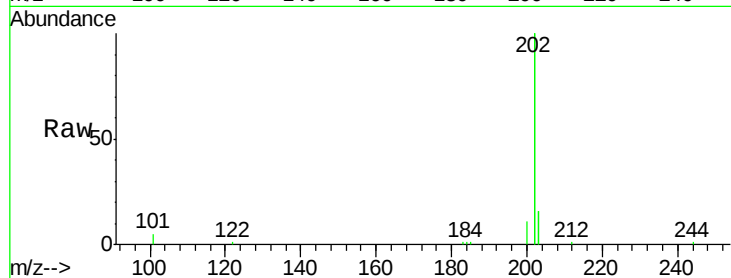
ClientSampleId :

ICVBE072716

Tgt Ion:	202	Resp:	25054
Ion Ratio	Lower	Upper	
202	100		
200	5.4	4.4	6.6
203	16.5	13.4	20.0

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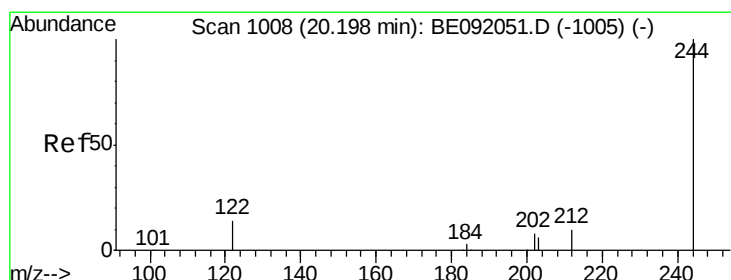
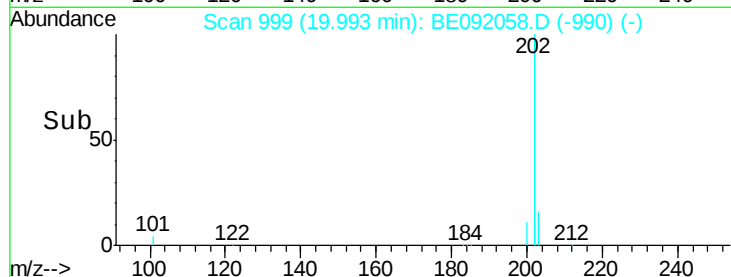
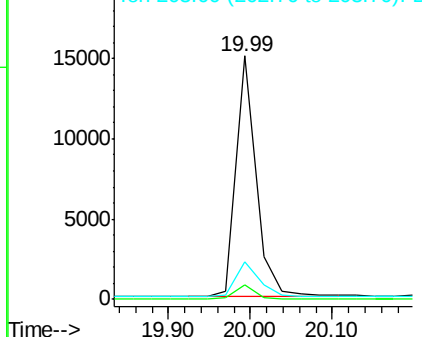


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#34

Terphenyl-d14

Concen: 0.40 ng

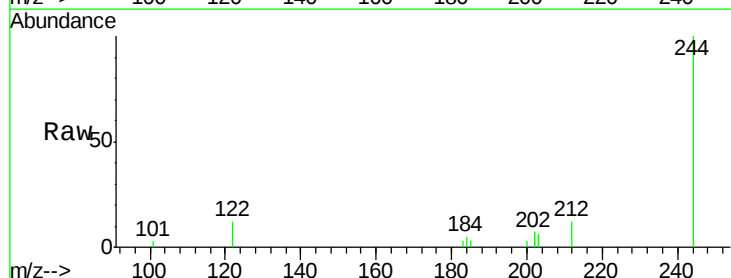
RT: 20.20 min Scan# 1008

Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:	244	Resp:	3503
Ion Ratio	Lower	Upper	
244	100		
212	12.1	9.1	13.7
122	11.9	11.0	16.4

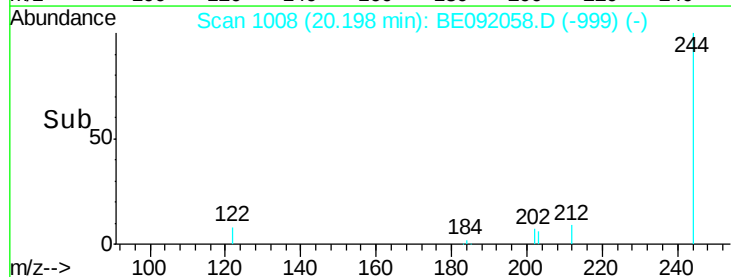
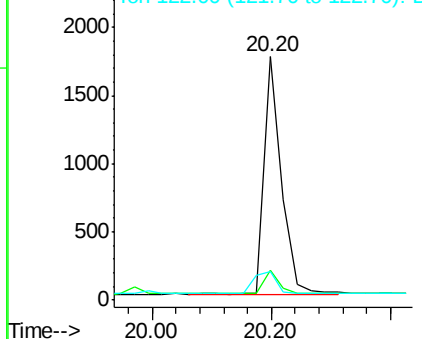


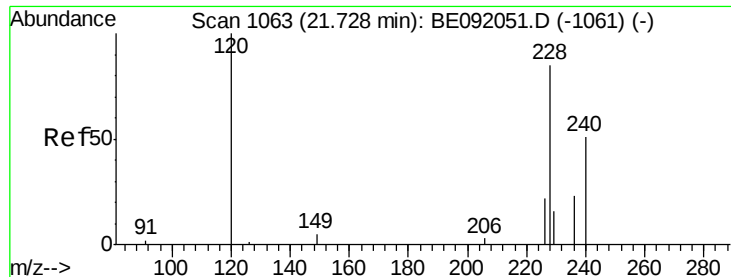
Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#35

Benzo(a)anthracene

Concen: 0.44 ng m

RT: 21.73 min Scan# 1063

Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

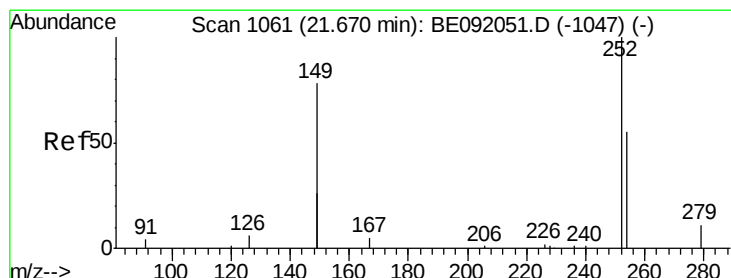
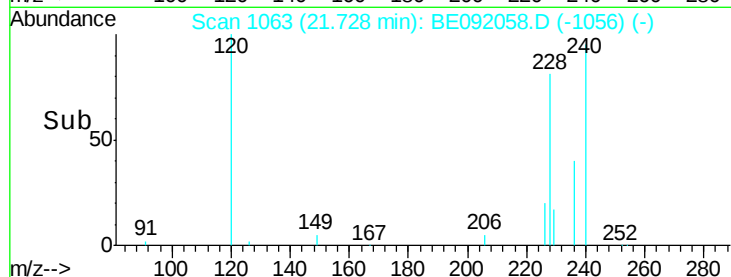
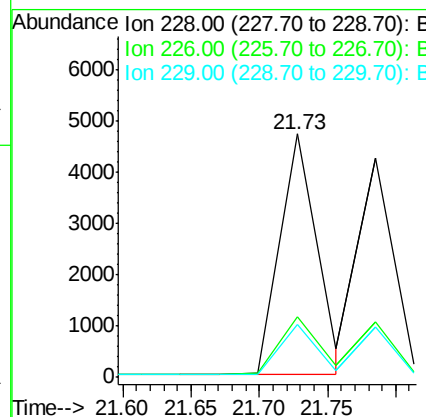
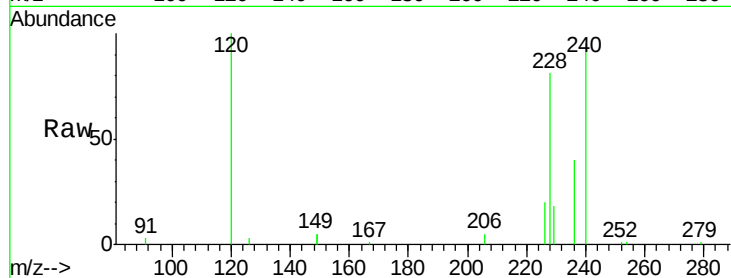
ClientSampleId :

ICVBE072716

Tgt Ion:	228	Resp:	9041
Ion Ratio	Lower	Upper	
228	100		
226	25.0	22.1	33.1
229	21.6	15.1	22.7

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#36

3,3'-Dichlorobenzidine

Concen: 0.46 ng

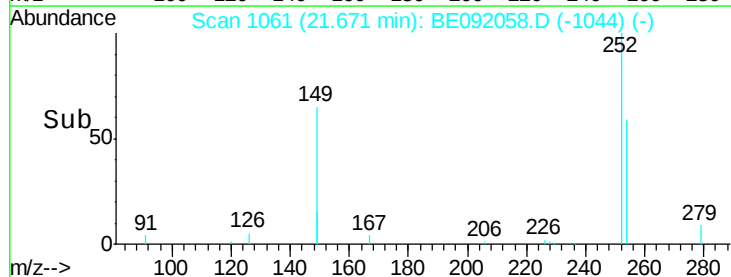
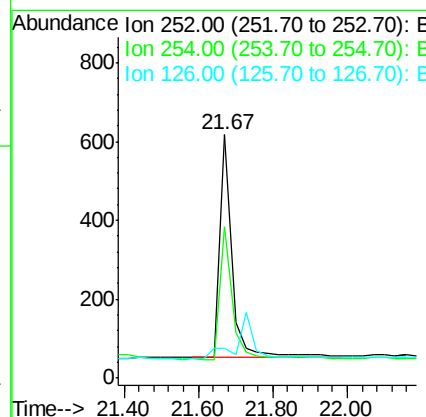
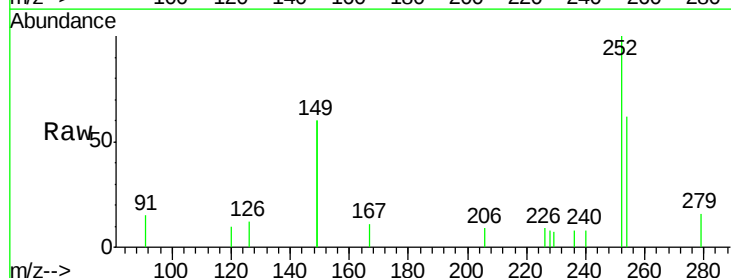
RT: 21.67 min Scan# 1061

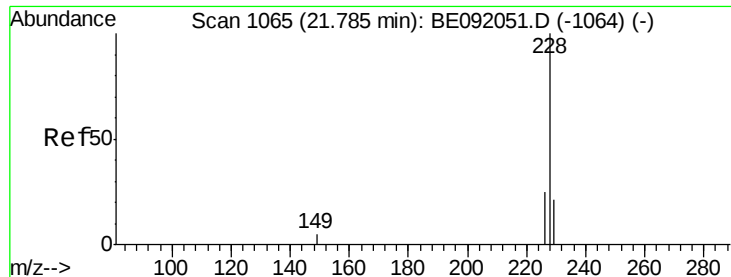
Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:	252	Resp:	1308
Ion Ratio	Lower	Upper	
252	100		
254	62.0	44.2	66.2
126	12.1	10.6	15.8





#37

Chrysene

Concen: 0.33 ng m

RT: 21.79 min Scan# 1065

Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

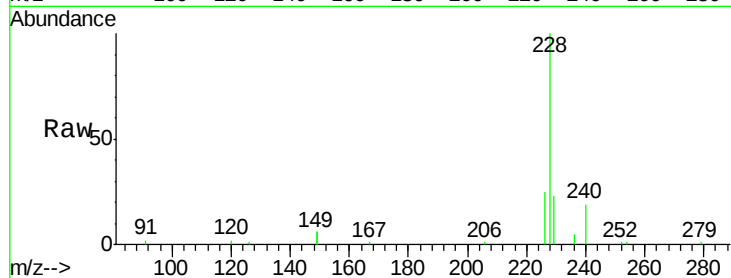
ClientSampleId :

ICVBE072716

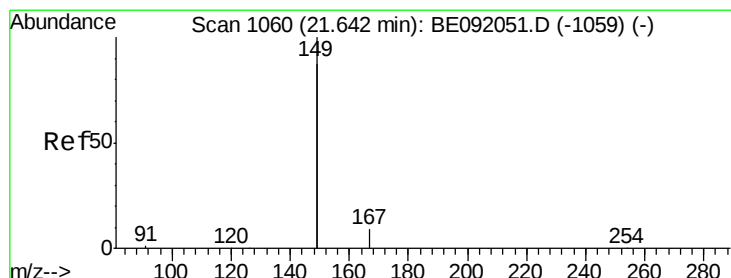
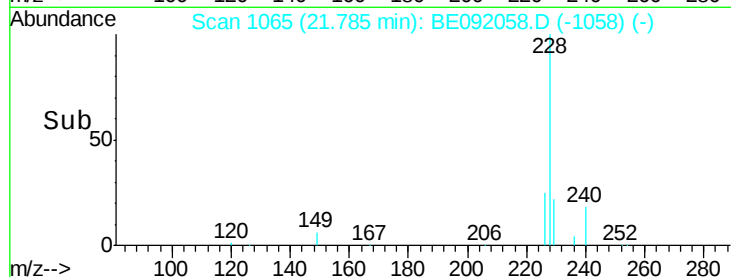
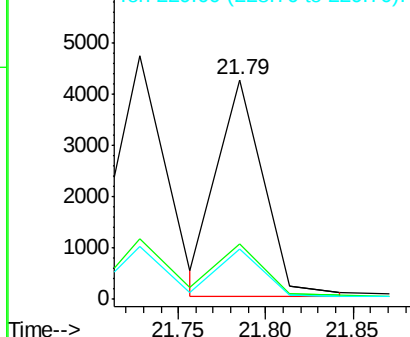
Tgt Ion:	228	Resp:	7796
Ion Ratio	Lower	Upper	
228	100		
226	25.4	22.3	33.5
229	23.2	16.9	25.3

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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: 0.48 ng

RT: 21.64 min Scan# 1060

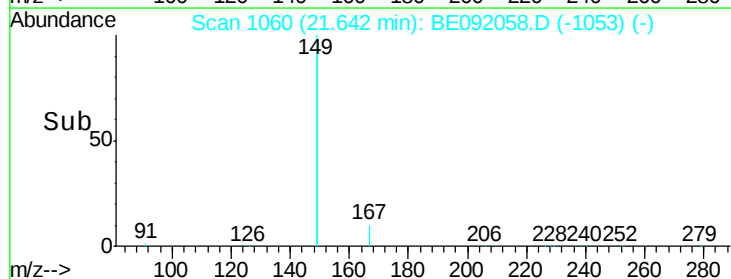
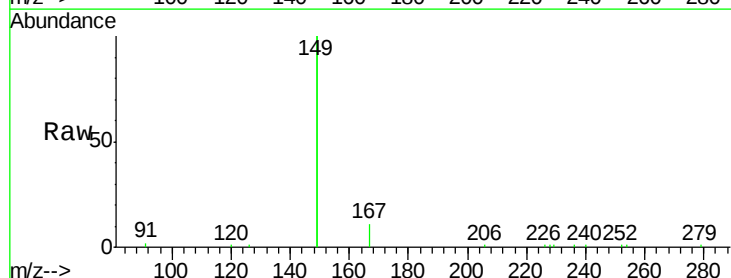
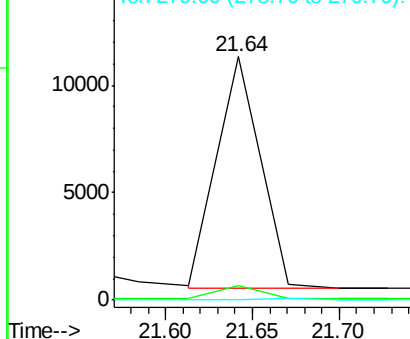
Delta R.T. 0.00 min

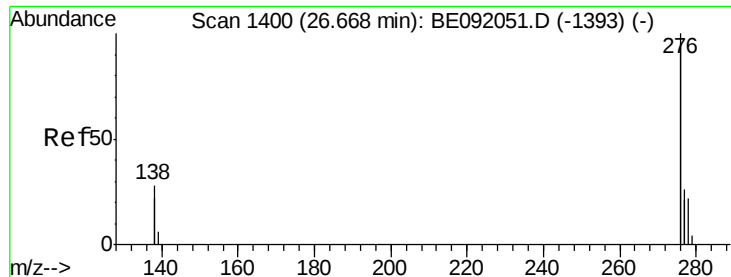
Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:	149	Resp:	18819
Ion Ratio	Lower	Upper	
149	100		
167	5.7	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: 0.45 ng

RT: 26.67 min Scan# 1400

Delta R.T. -0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

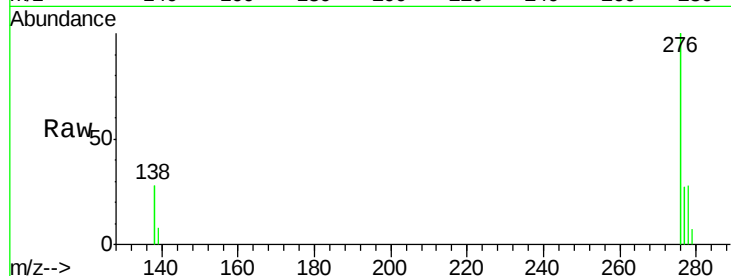
ClientSampleId :

ICVBE072716

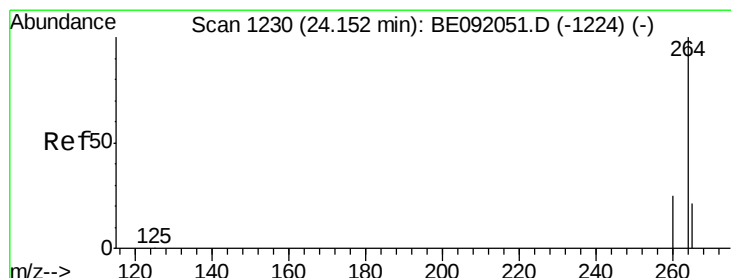
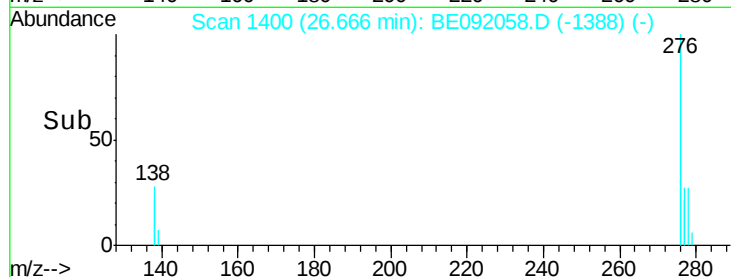
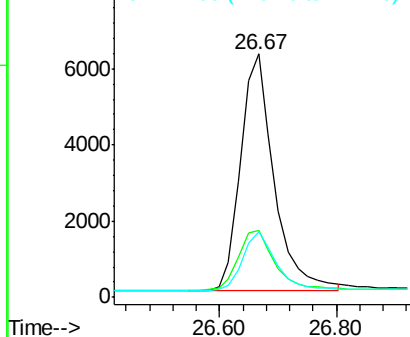
Tgt Ion:	276	Resp:	24726
Ion Ratio	Lower	Upper	
276	100		
138	27.2	21.2	31.8
277	24.6	19.8	29.8

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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

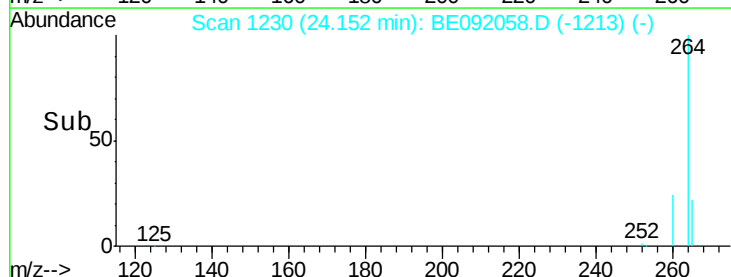
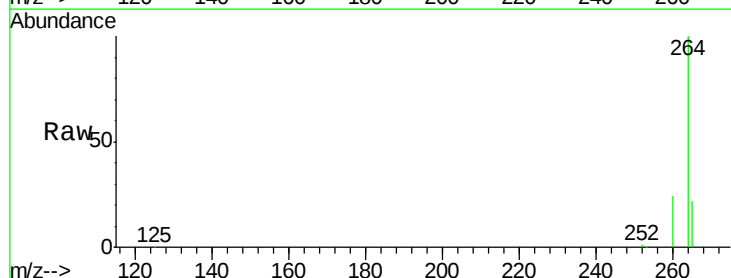
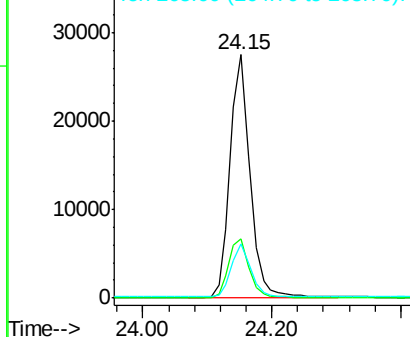
Delta R.T. 0.00 min

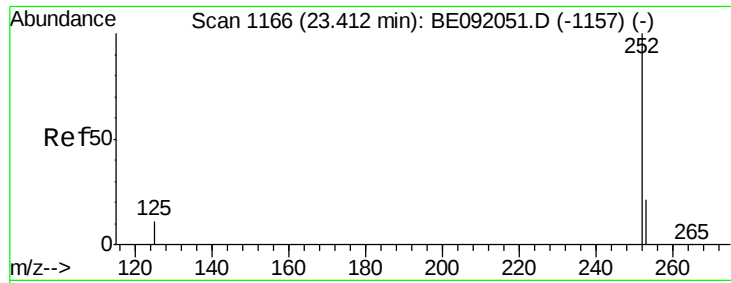
Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:	264	Resp:	58803
Ion Ratio	Lower	Upper	
264	100		
260	24.3	20.8	31.2
265	22.1	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: 0.41 ng

RT: 23.41 min Scan# 1166

Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

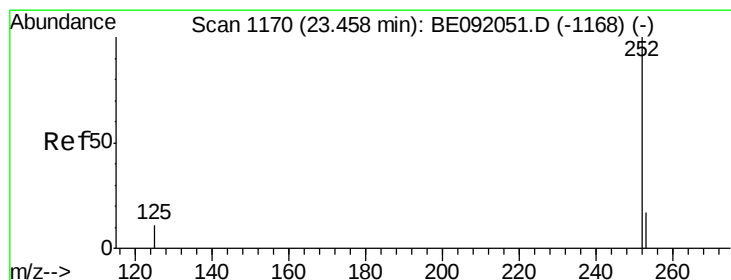
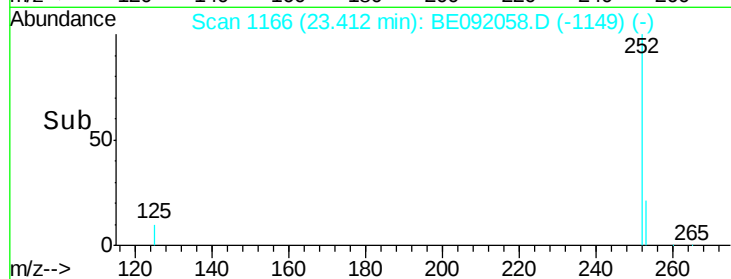
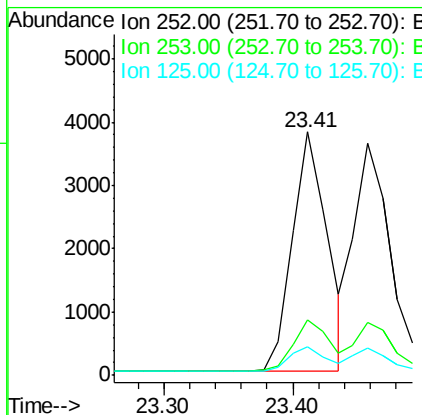
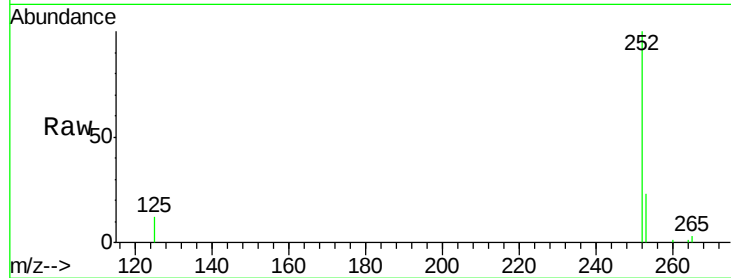
ClientSampleId :

ICVBE072716

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	11.9	10.2	15.2

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#42

Benzo(k)fluoranthene

Concen: 0.41 ng

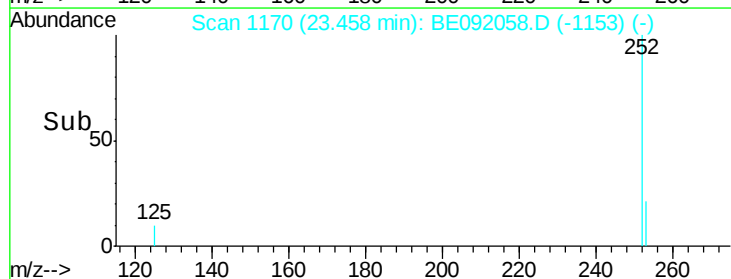
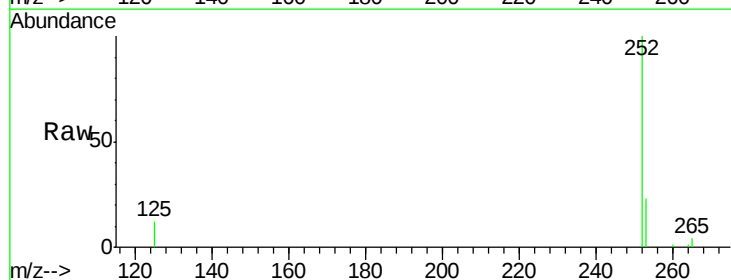
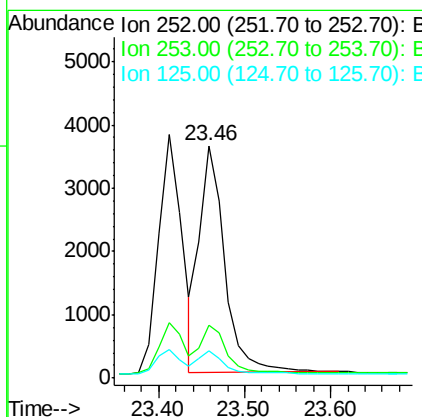
RT: 23.46 min Scan# 1170

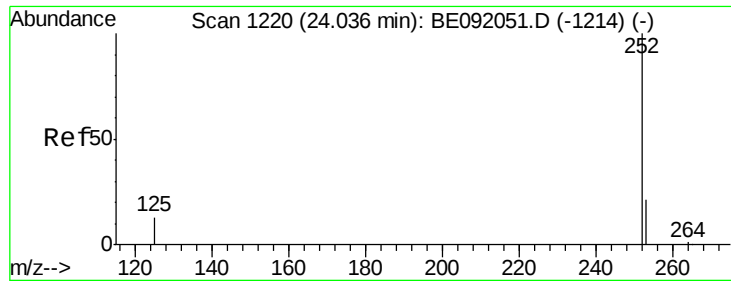
Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.0
125	11.9	8.9	13.3





#43

Benzo(a)pyrene

Concen: 0.38 ng

RT: 24.04 min Scan# 1220

Delta R.T. 0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Instrument :

BNA_E

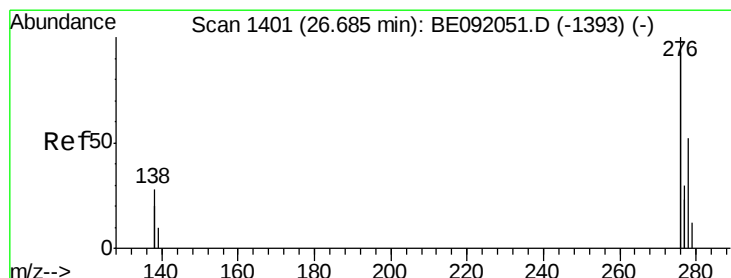
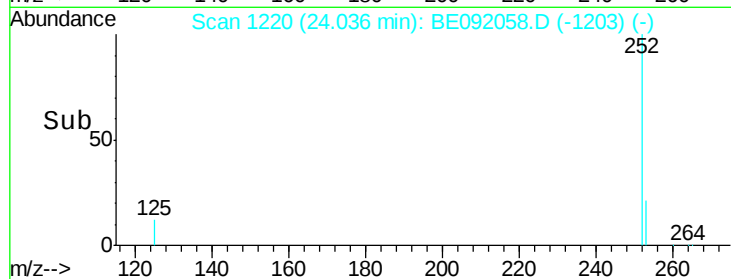
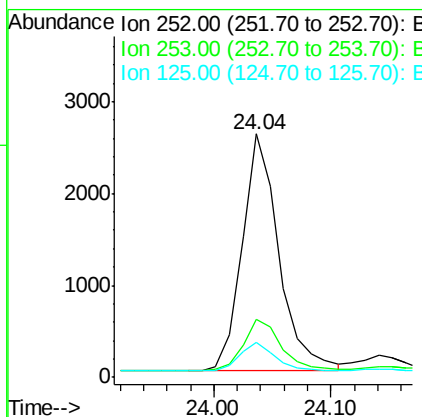
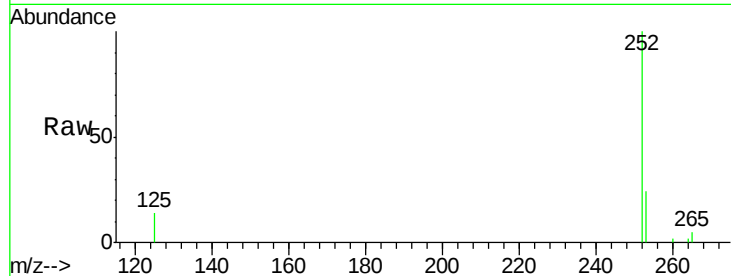
ClientSampleId :

ICVBE072716

Tgt Ion:	252	Resp:	5637
Ion Ratio	Lower	Upper	
252	100		
253	23.8	19.8	29.8
125	14.2	10.4	15.6

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#44

Dibenzo(a,h)anthracene

Concen: 0.38 ng

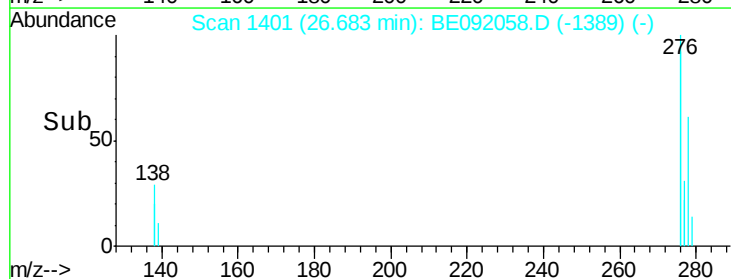
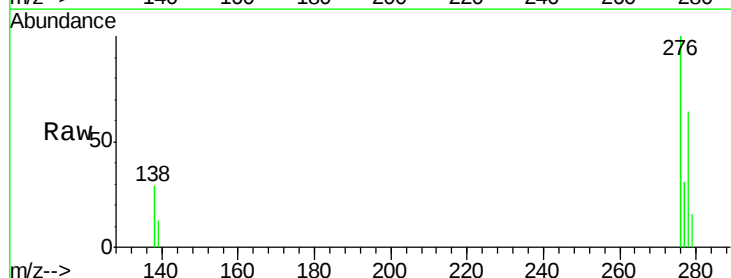
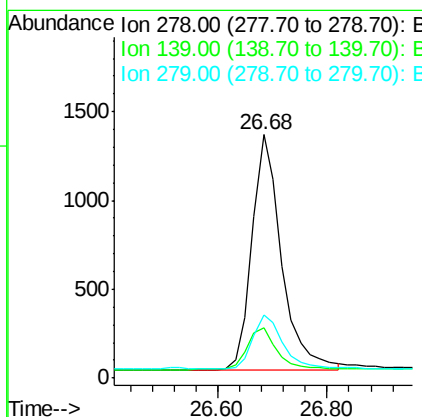
RT: 26.68 min Scan# 1401

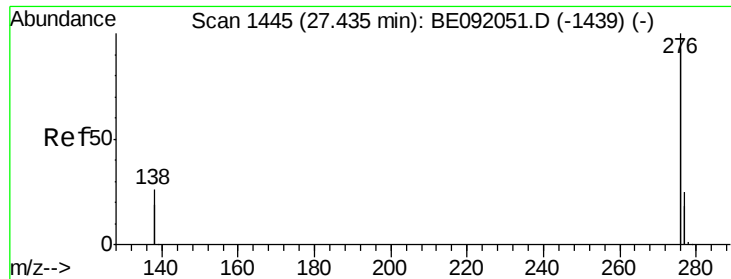
Delta R.T. -0.00 min

Lab File: BE092058.D

Acq: 27 Jul 2016 15:52

Tgt Ion:	278	Resp:	4994
Ion Ratio	Lower	Upper	
278	100		
139	20.4	16.7	25.1
279	25.8	20.3	30.5





#45
 Benzo(g,h,i)perylene
 Concen: 0.39 ng
 RT: 27.43 min Scan# 1445
 Delta R.T. -0.00 min
 Lab File: BE092058.D
 Acq: 27 Jul 2016 15:52

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE072716

Tgt Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.5	29.3
138	25.2	20.8	31.2

Manual Integrations
 APPROVED

sohil
 7/28/2016 5:00:52 PM

