

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
 Data File : BE091858.D
 Acq On : 25 May 2016 14:43
 Operator : UM/SJ
 Sample : SSTDICC1.6
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Manual Integrations
 APPROVED

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 5/26/2016 6:44:10 PM

Quant Time: May 25 18:18:17 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 18:07:24 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	23224	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	109487	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	70506	5.00	ng	0.00
24) Phenanthrene-d10	17.14	188	215236	5.00	ng	0.00
31) Chrysene-d12	21.29	240	274957	5.00	ng	0.00
40) Perylene-d12	23.71	264	241556	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	9485	1.48	ng	0.00
5) Phenol-d6	6.95	99	12599	1.47	ng	0.00
9) Nitrobenzene-d5	8.91	82	13191	1.52	ng	-0.02
16) 2,4,6-Tribromophenol	15.89	330	4645	1.58	ng	0.00
17) 2-Fluorobiphenyl	13.01	172	30230	1.56	ng	-0.02
34) Terphenyl-d14	19.74	244	62063	1.65	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.31	88	4351	1.44	ng	94
3) n-Nitrosodimethylamine	3.63	42	5945	1.47	ng	100
6) bis(2-Chloroethyl)ether	7.20	93	10535	1.49	ng	98
7) n-Nitroso-di-n-propylamine	8.57	70	9788	1.50	ng	# 92
10) Nitrobenzene	8.96	77	13061	1.58	ng	# 99
11) bis(2-Chloroethoxy)methane	9.96	93	16283	1.70	ng	# 1
12) Naphthalene	10.61	128	34190	1.56	ng	98
13) Hexachlorobutadiene	10.90	225	5298	1.56	ng	100
14) 2-Methylnaphthalene	12.22	142	23222	1.56	ng	91
18) Acenaphthylene	14.10	152	47705	1.52	ng	# 92
19) 2,6-Dinitrotoluene	13.96	165	7255	1.51	ng	98
20) Acenaphthene	14.46	154	25787	1.50	ng	# 5
21) 2,4-Dinitrotoluene	14.76	165	8319	1.49	ng	# 1
22) Fluorene	15.44	166	36058	1.59	ng	100
23) 4-Chlorophenyl-phenylether	15.44	204	17424	1.57	ng	95
25) 4-Bromophenyl-phenylether	16.31	248	11188	1.59	ng	97
26) Hexachlorobenzene	16.44	284	10595	1.57	ng	99
27) Pentachlorophenol	16.78	266	4353	1.45	ng	# 86
28) Phenanthrene	17.17	178	65509	1.60	ng	99
29) Anthracene	17.26	178	63362	1.62	ng	99
30) Fluoranthene	19.17	202	78486	1.66	ng	99
32) Benzidine	19.36	184	34467	1.60	ng	# 95
33) Pyrene	19.53	202	86655	1.65	ng	99
35) Benzo(a)anthracene	21.27	228	106830m	1.19	ng	
36) 3,3'-Dichlorobenzidine	21.22	252	58150	1.62	ng	# 92
37) Chrysene	21.31	228	95449m	1.08	ng	
38) Bis(2-ethylhexyl)phthalate	21.17	149	39438	1.68	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.26	276	99995	1.59	ng	100
41) Benzo(b)fluoranthene	22.96	252	100779	1.72	ng	97
42) Benzo(k)fluoranthene	23.02	252	81826	1.45	ng	97
43) Benzo(a)pyrene	23.60	252	86773	1.58	ng	95
44) Dibenzo(a,h)anthracene	26.28	278	83578	1.59	ng	98
45) Benzo(a,h,i)perylene	27.05	276	84029	1.58	ng	98

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Manual Integrations
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Quant Time: May 25 18:18:17 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 25 18:07:24 2016
Response via : Initial Calibration

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

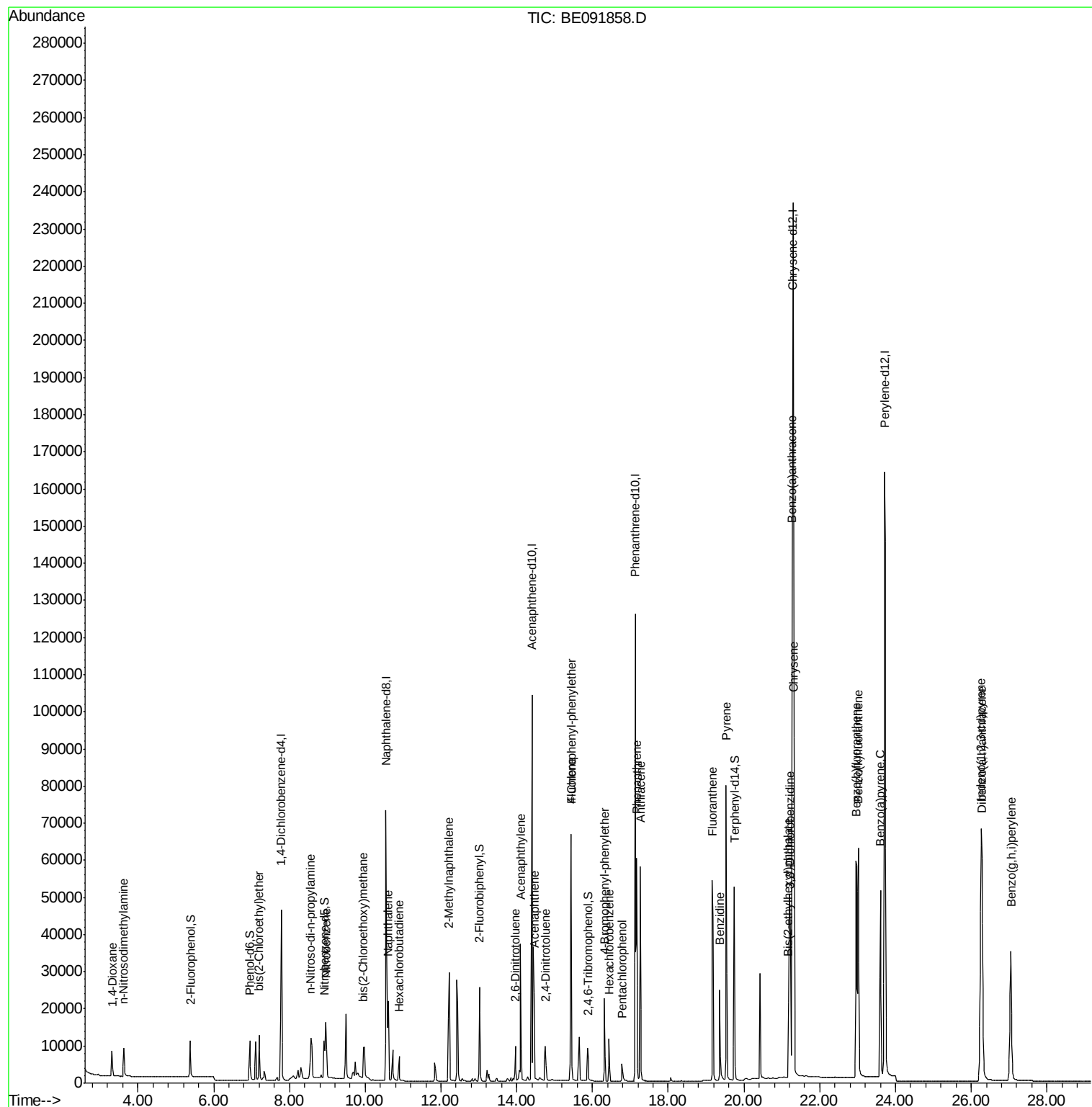
Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
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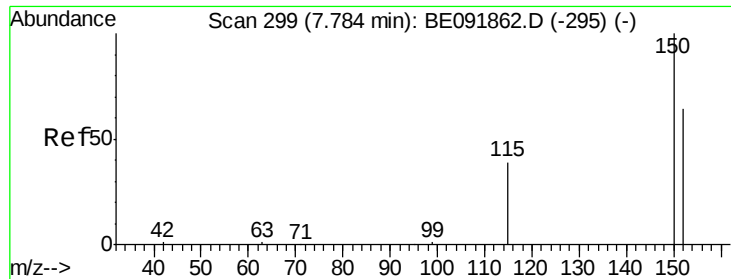
Instrument :
BNA_E
ClientSampleId :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. 0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Instrument :

BNA_E

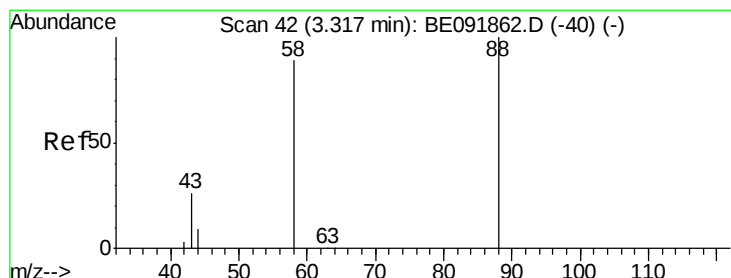
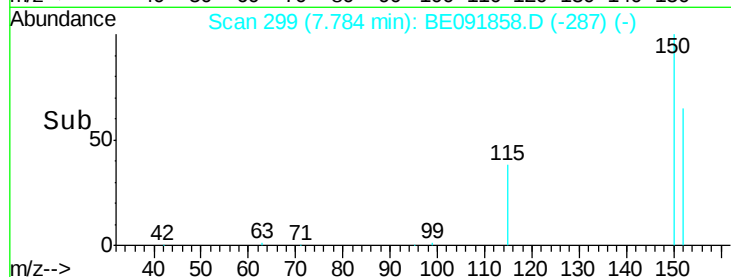
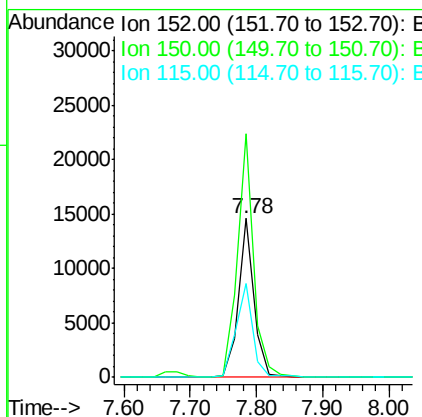
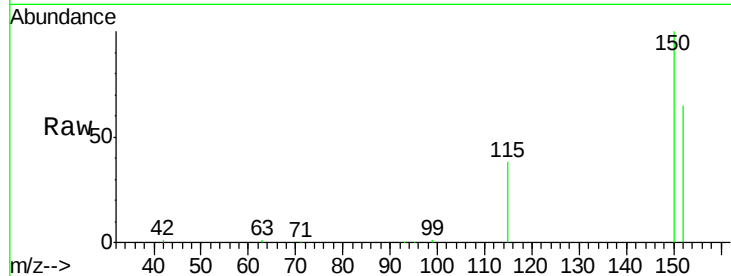
ClientSampleId :

SSTDICC1.6

Tot Ion:	152	Resp:	23224
Ion	Ratio	Lower	Upper
152	100		
150	153.3	123.9	185.9
115	58.8	48.3	72.5

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#2

1,4-Dioxane

Concen: 1.44 ng

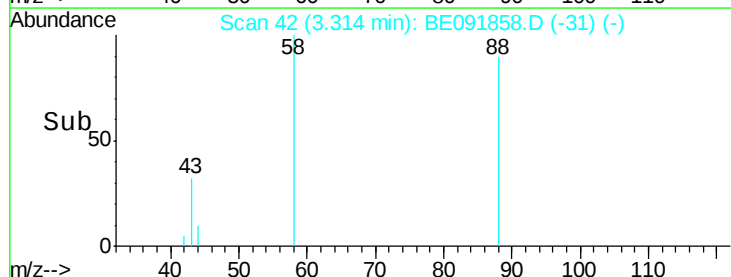
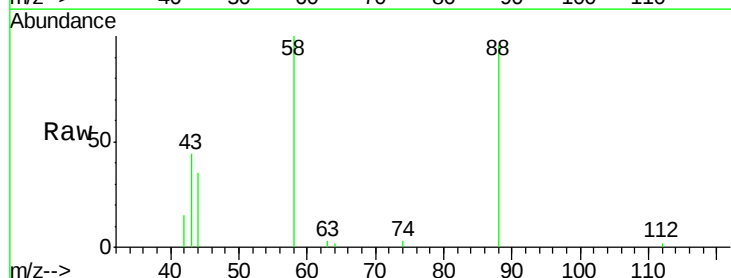
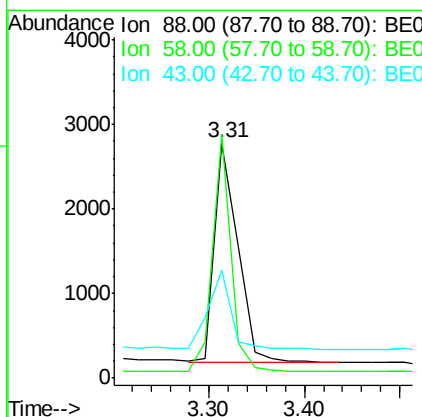
RT: 3.31 min Scan# 42

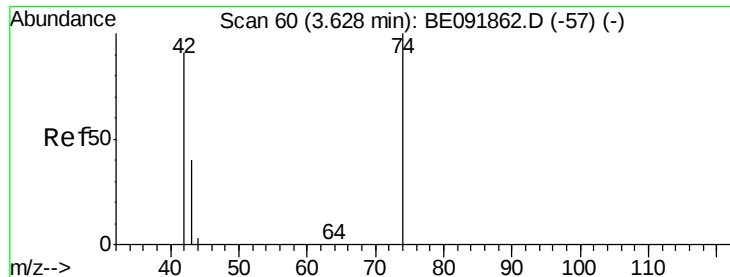
Delta R.T. -0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Tgt Ion:	88	Resp:	4351
Ion	Ratio	Lower	Upper
88	100		
58	85.6	63.0	94.4
43	35.8	29.1	43.7





#3

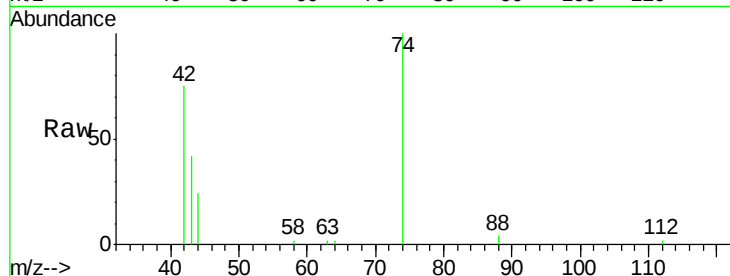
n-Nitrosodimethylamine
Concen: 1.47 ng
RT: 3.63 min Scan# 60
Delta R.T. -0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
42	100		
74	116.4	93.4	140.0
44	7.0	5.0	7.6

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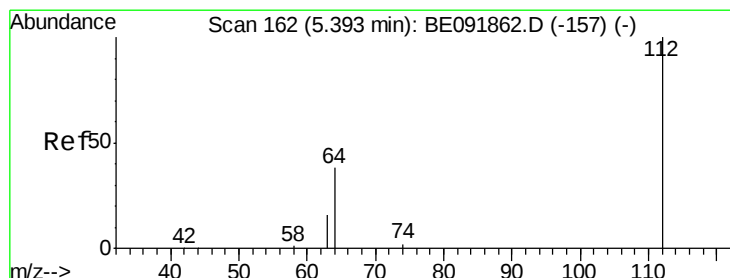
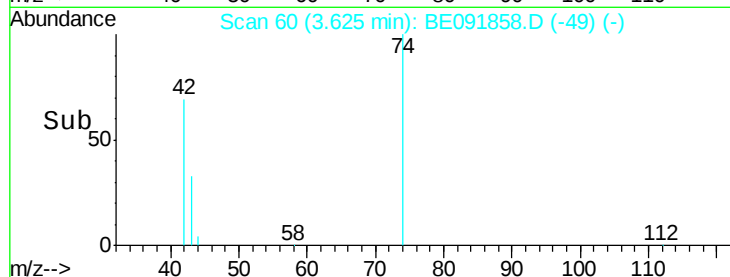
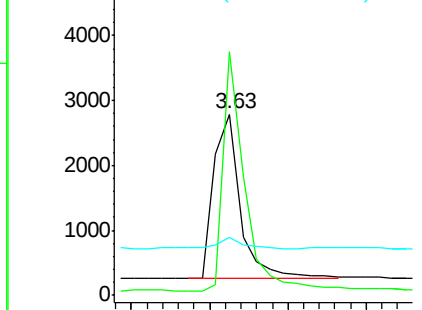


Abundance

Ion 42.00 (41.70 to 42.70): BE0

Ion 74.00 (73.70 to 74.70): BE0

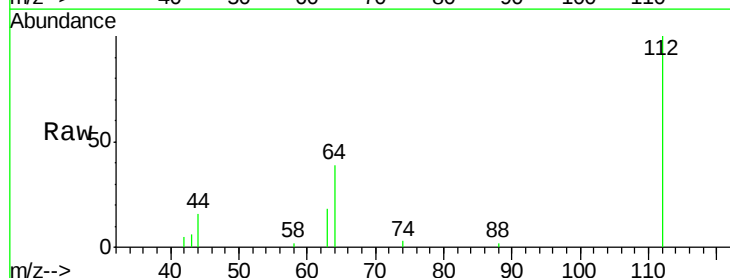
Ion 44.00 (43.70 to 44.70): BE0



#4

2-Fluorophenol
Concen: 1.48 ng
RT: 5.39 min Scan# 162
Delta R.T. -0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.1	53.7	80.5
63	35.9	29.5	44.3

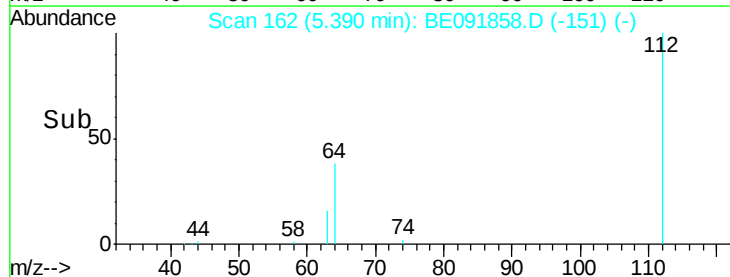
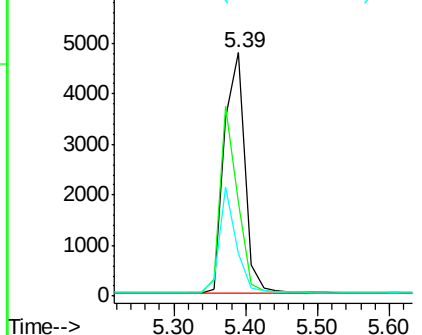


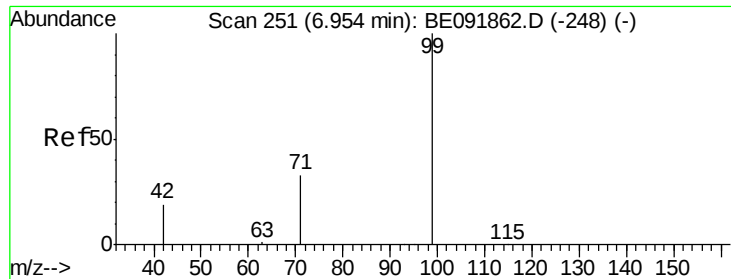
Abundance

Ion 112.00 (111.70 to 112.70): BE0

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 1.47 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Instrument :

BNA_E

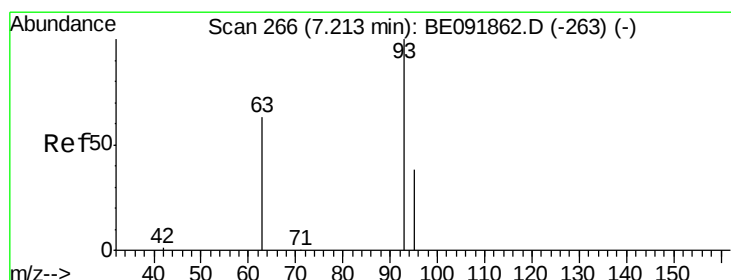
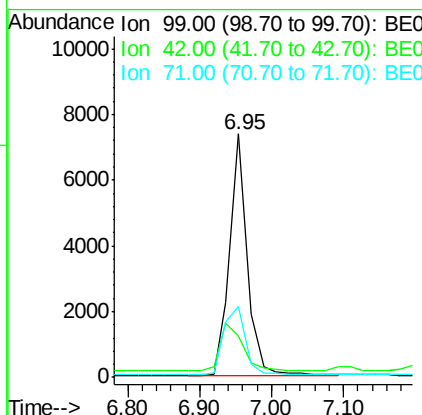
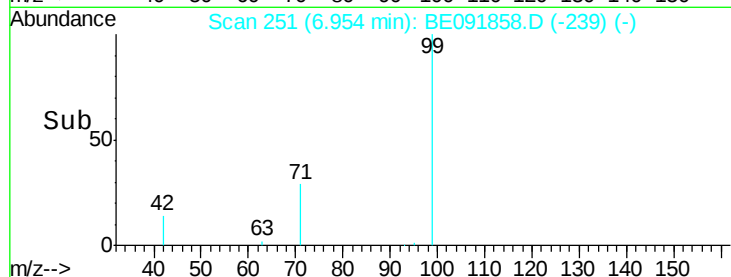
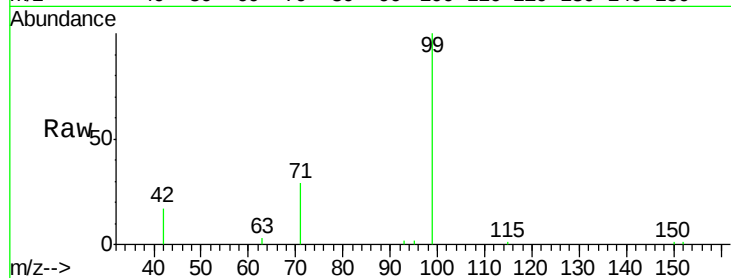
ClientSampled :

SSTDICC1.6

Tot Ion:	99	Resp:	12599
Ion	Ratio	Lower	Upper
99	100		
42	24.5	19.6	29.4
71	35.4	28.1	42.1

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#6

bis(2-Chloroethyl)ether

Concen: 1.49 ng

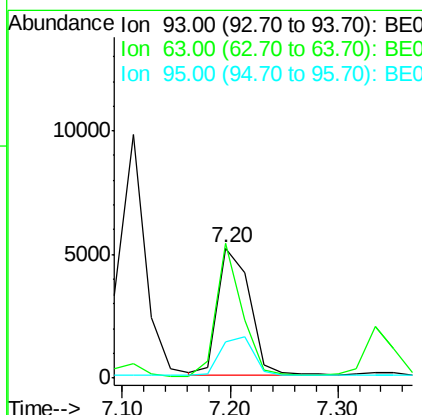
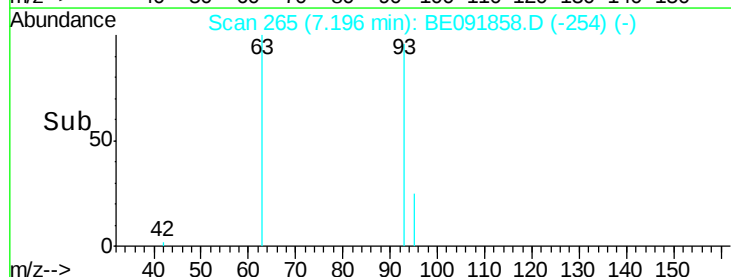
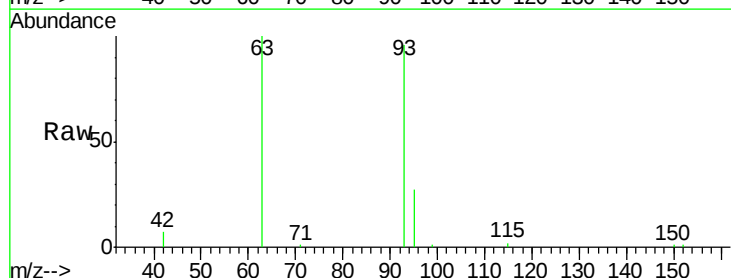
RT: 7.20 min Scan# 265

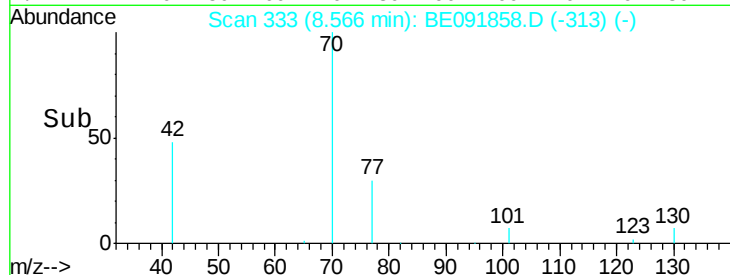
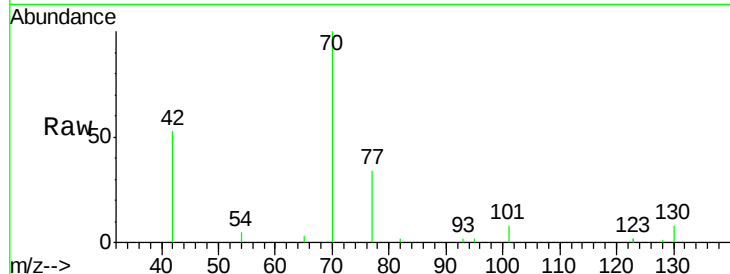
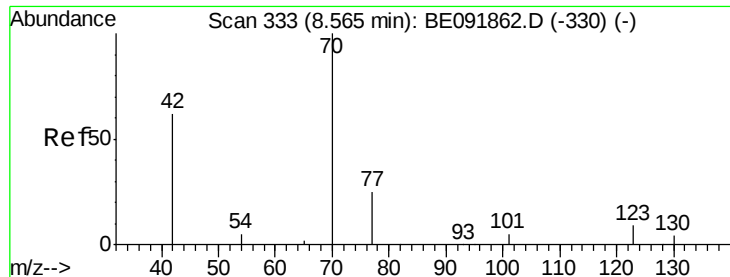
Delta R.T. -0.02 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Tgt Ion:	93	Resp:	10535
Ion	Ratio	Lower	Upper
93	100		
63	84.8	66.2	99.4
95	32.4	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 1.50 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Instrument :

BNA_E

ClientSampleId :

SSTDICC1.6

Tot Ion: 70 Resp: 9788

Ion Ratio Lower Upper

70 100

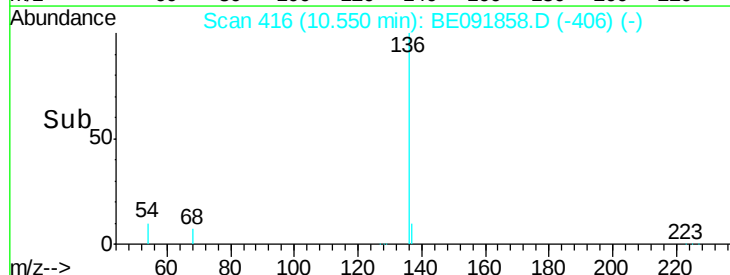
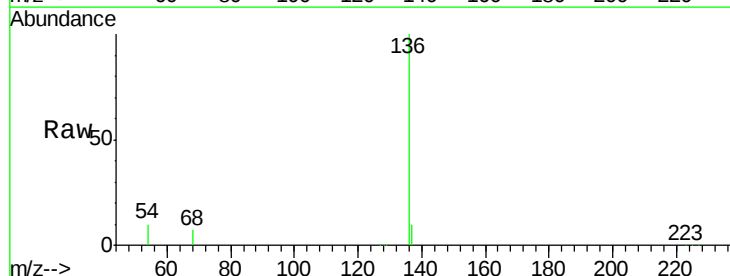
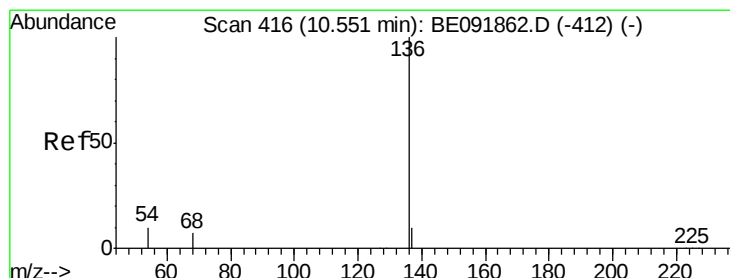
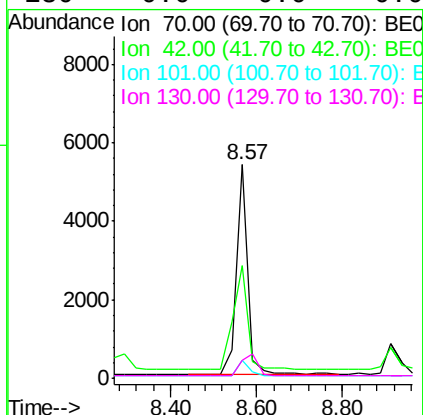
42 65.8 58.4 87.6

101 8.2 6.4 9.6

130 0.0 0.0 0.0

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#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 416

Delta R.T. -0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Tgt Ion: 136 Resp: 109487

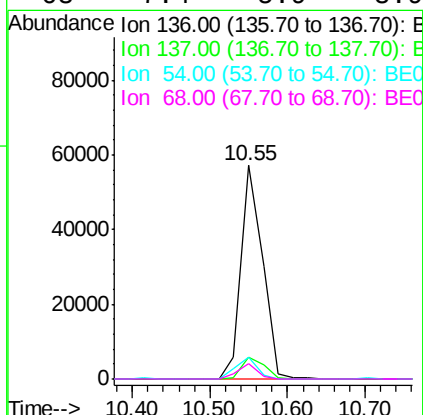
Ion Ratio Lower Upper

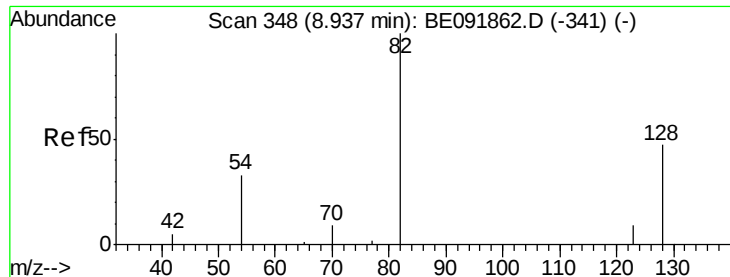
136 100

137 10.2 8.3 12.5

54 10.3 8.2 12.4

68 7.4 5.9 8.9





#9

Nitrobenzene-d5

Concen: 1.52 ng

RT: 8.91 min Scan# 347

Delta R.T. -0.02 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Instrument :

BNA_E

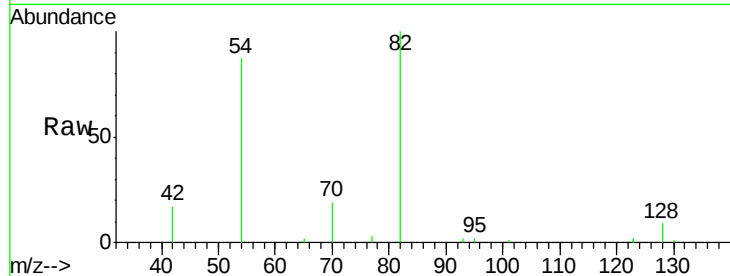
ClientSampleId :

SSTDICC1.6

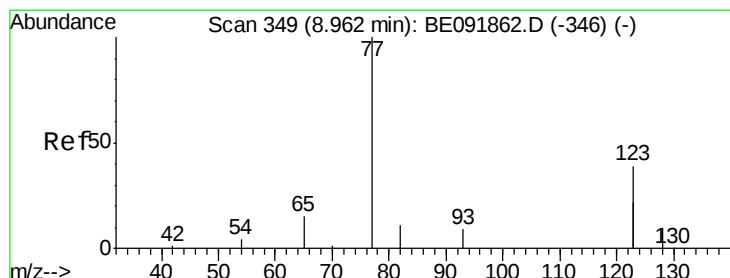
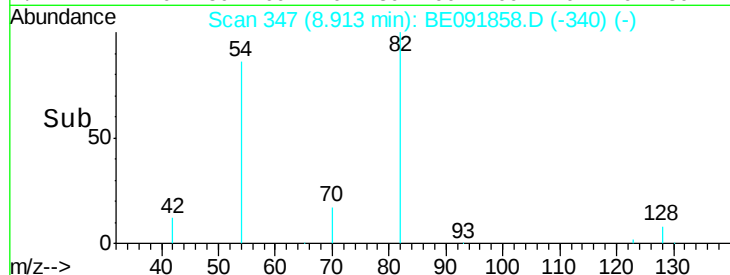
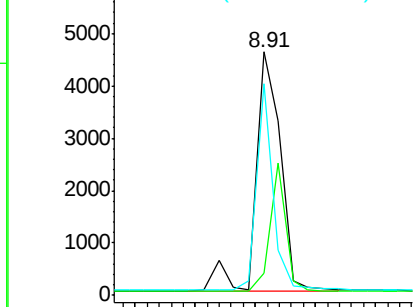
Tot Ion:	82	Resp:	13191
Ion Ratio	Lower	Upper	
82	100		
128	9.3	39.5	59.3#
54	87.1	30.3	45.5#

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



#10

Nitrobenzene

Concen: 1.58 ng

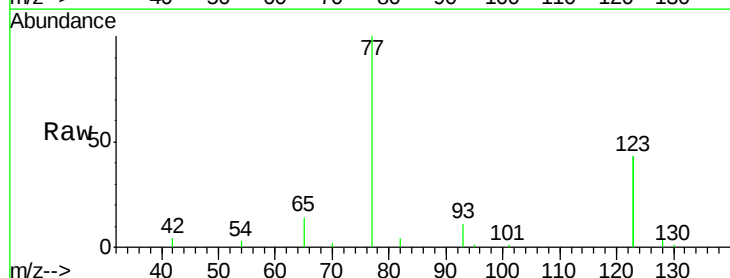
RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

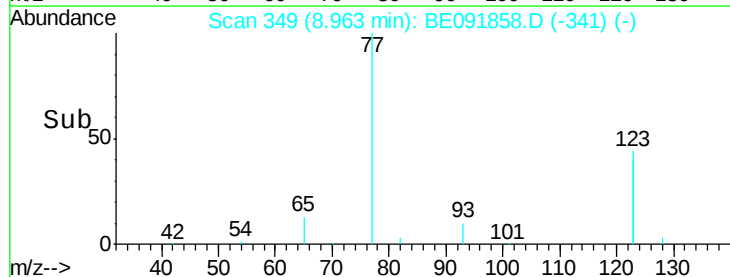
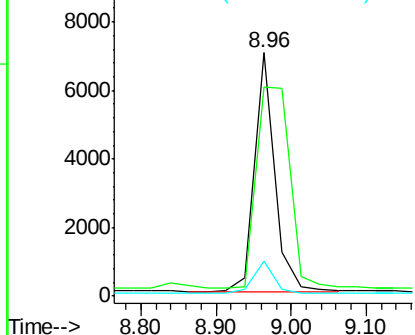
Lab File: BE091858.D

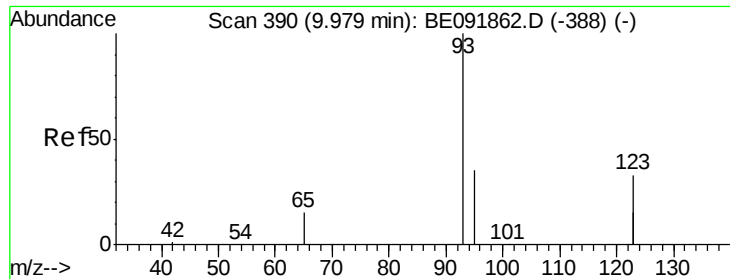
Acq: 25 May 2016 14:43

Tgt Ion:	77	Resp:	13061
Ion Ratio	Lower	Upper	
77	100		
123	140.0	0.0	0.0#
65	13.6	11.1	16.7



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





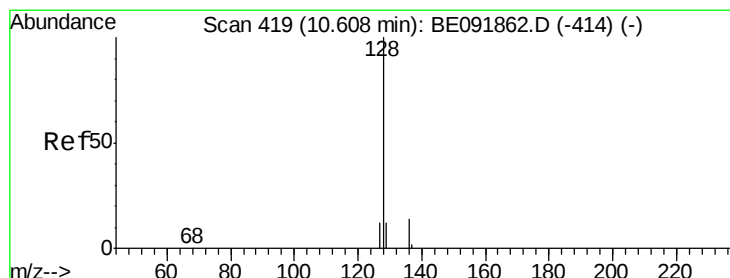
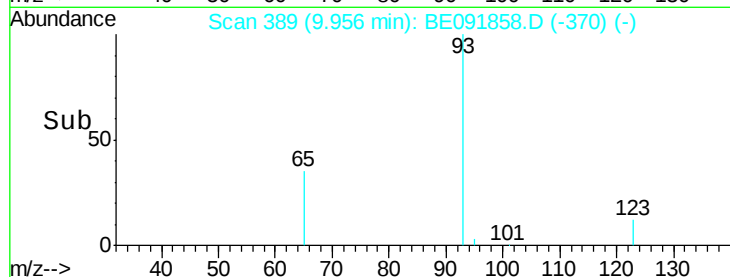
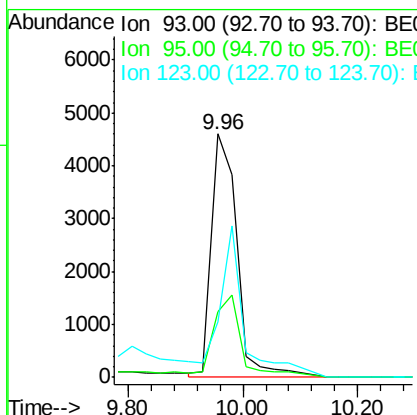
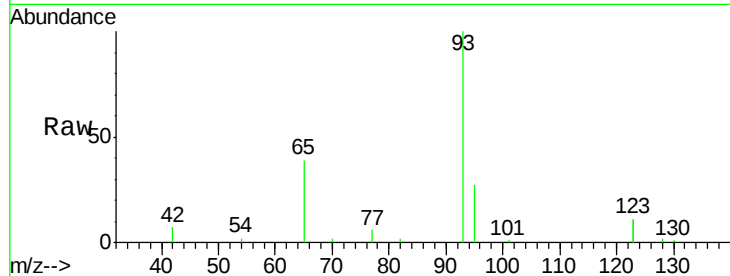
#11
bis(2-Chloroethoxy)methane
Concen: 1.70 ng
RT: 9.96 min Scan# 389
Delta R.T. -0.02 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion: 93 Resp: 16283
Ion Ratio Lower Upper
93 100
95 0.0 57.6 86.4#
123 0.0 100.2 150.4#

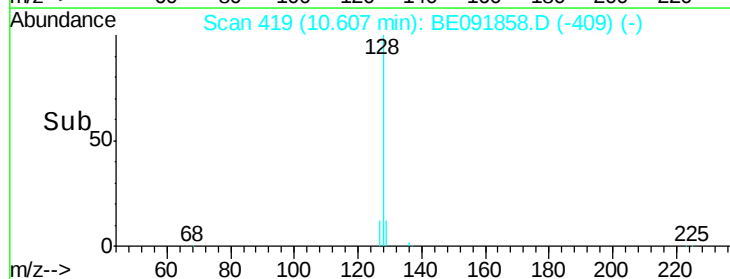
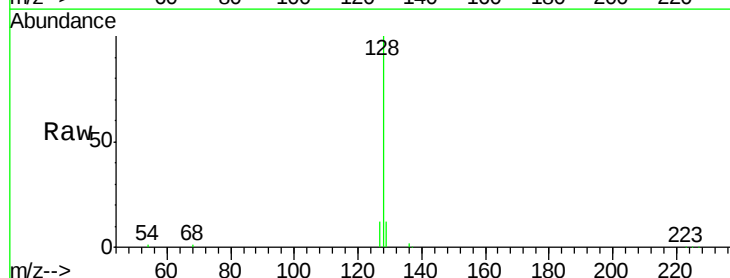
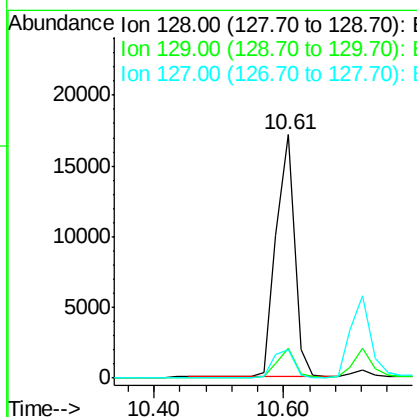
Manual Integrations
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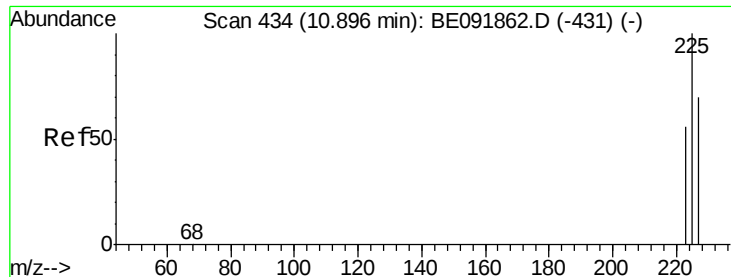
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#12
Naphthalene
Concen: 1.56 ng
RT: 10.61 min Scan# 419
Delta R.T. -0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Tgt Ion: 128 Resp: 34190
Ion Ratio Lower Upper
128 100
129 12.0 10.4 15.6
127 11.8 10.2 15.2





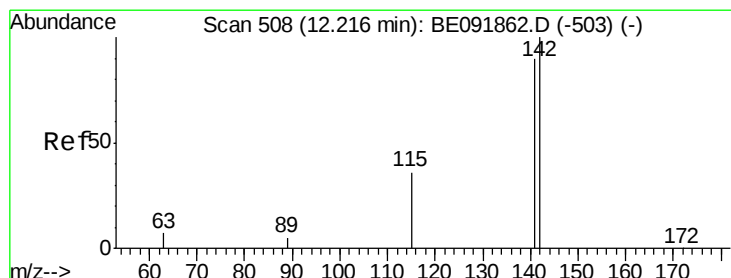
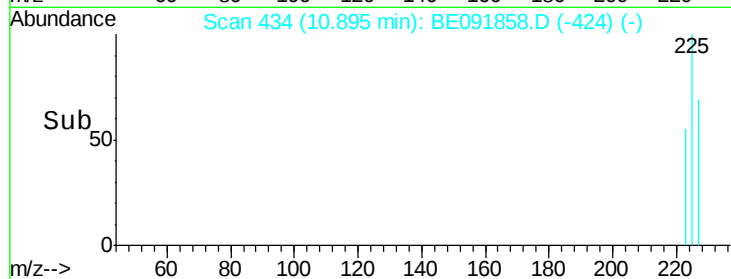
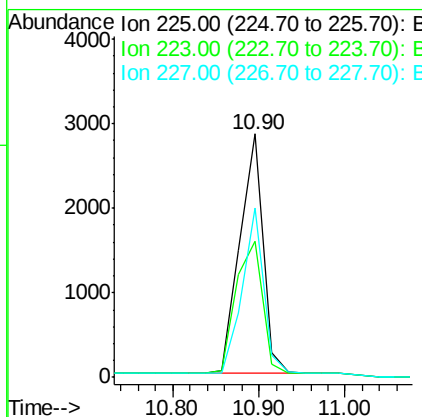
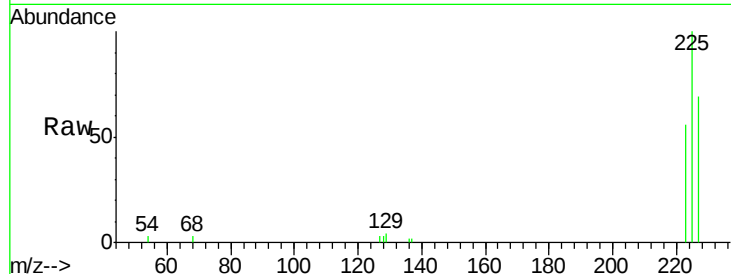
#13
Hexachlorobutadiene
Concen: 1.56 ng
RT: 10.90 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:	225	Resp:	5298
Ion Ratio	Lower	Upper	
225	100		
223	62.4	49.8	74.8
227	63.3	50.6	75.8

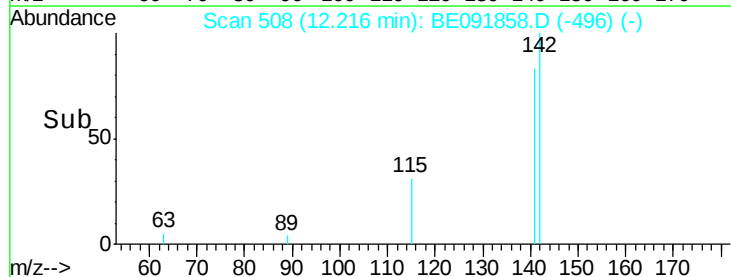
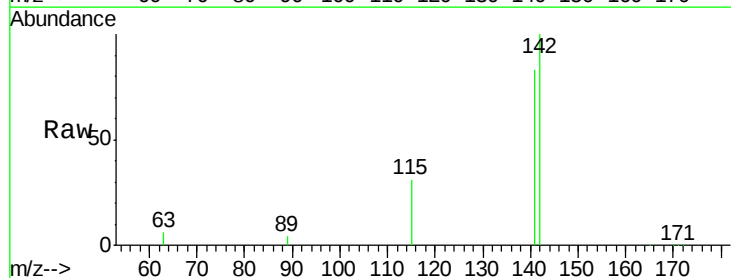
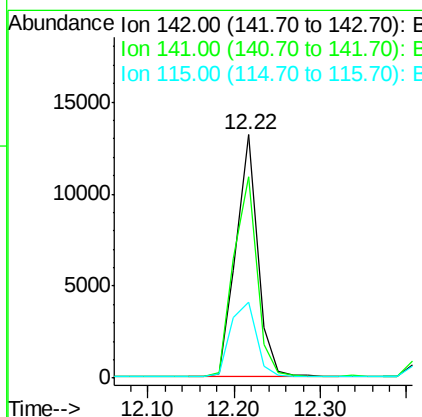
Manual Integrations
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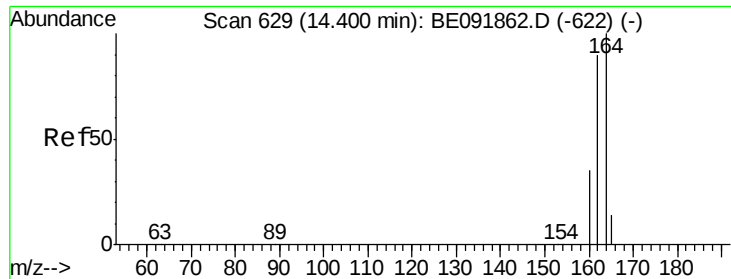
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#14
2-Methylnaphthalene
Concen: 1.56 ng
RT: 12.22 min Scan# 508
Delta R.T. 0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Tgt Ion:	142	Resp:	23222
Ion Ratio	Lower	Upper	
142	100		
141	82.7	71.9	107.9
115	31.0	29.9	44.9





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 629

Delta R.T. -0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Instrument :

BNA_E

ClientSampled :

SSTDICC1.6

Tot Ion:164 Resp: 70506

Ion Ratio Lower Upper

164 100

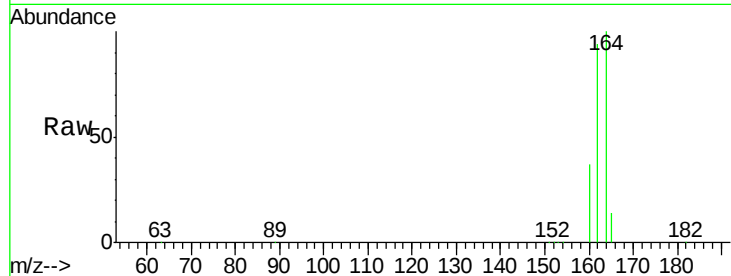
162 94.0 71.8 107.8

160 37.5 28.0 42.0

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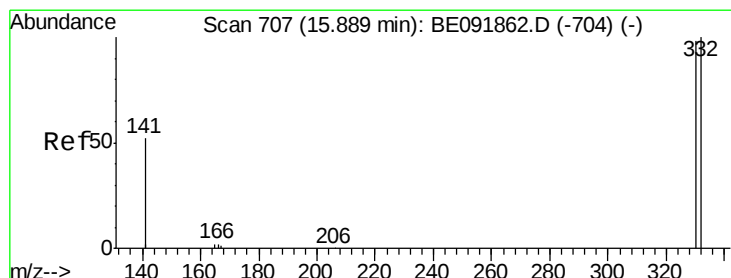
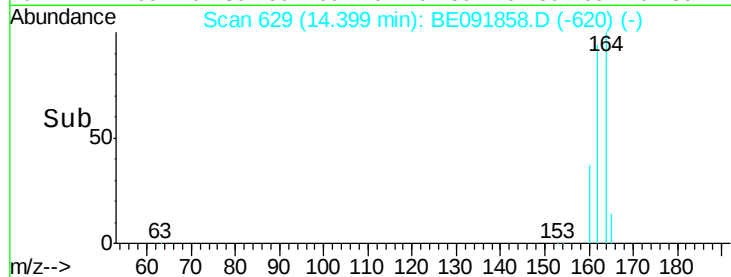
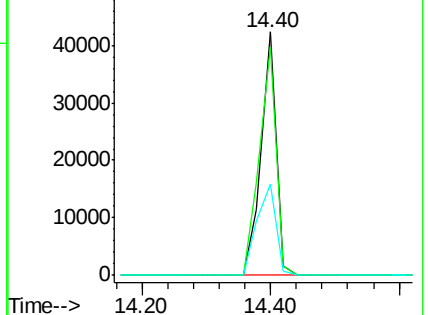
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 1.58 ng

RT: 15.89 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

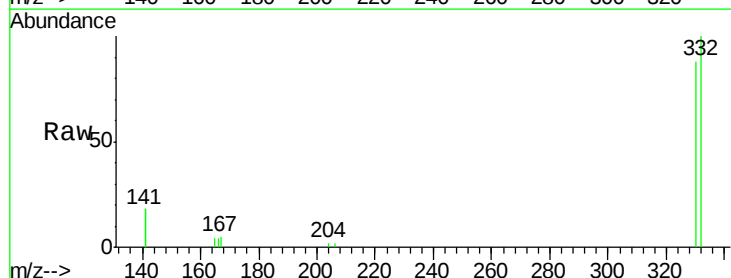
Tgt Ion:330 Resp: 4645

Ion Ratio Lower Upper

330 100

332 97.7 77.0 115.6

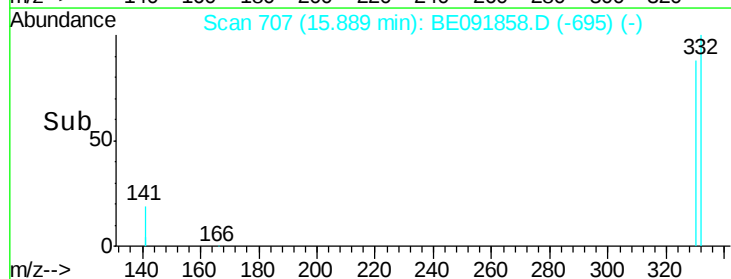
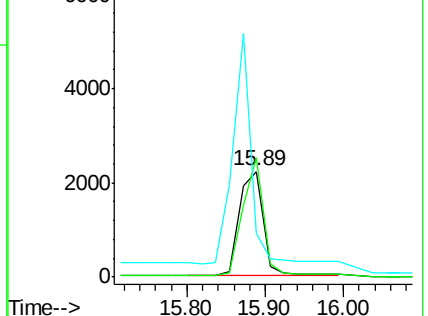
141 168.1 138.4 207.6

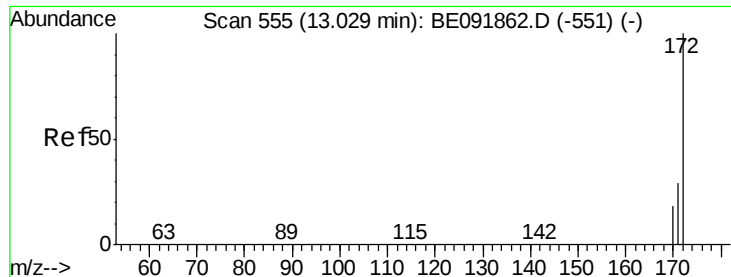


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





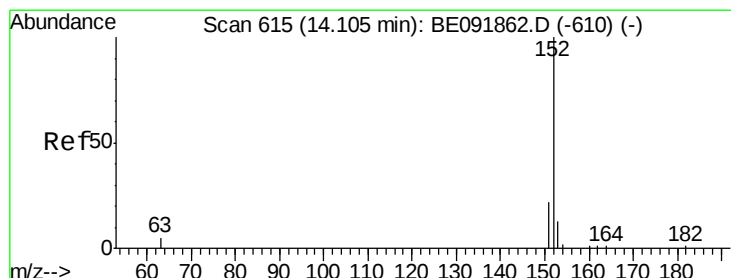
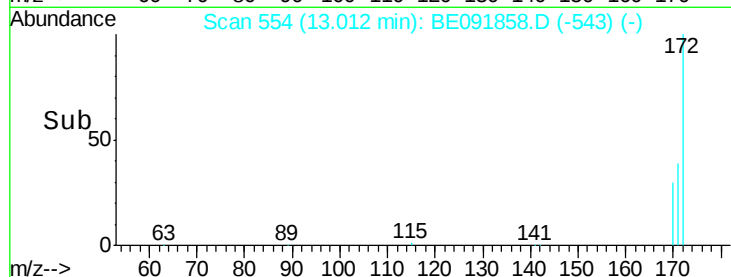
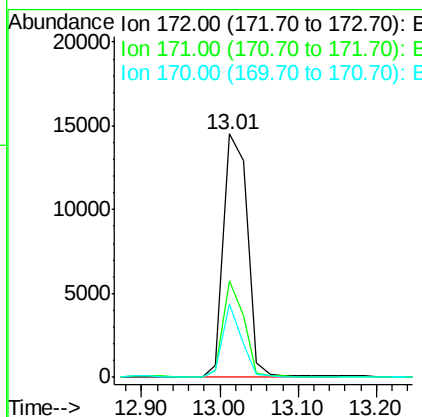
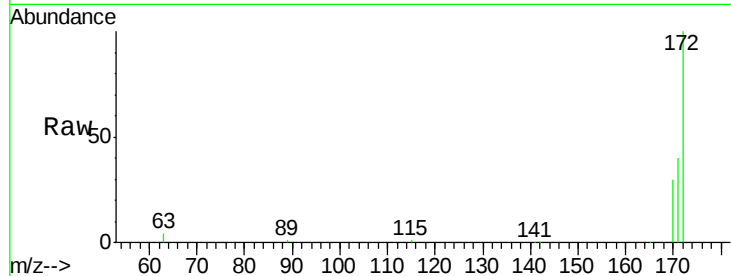
#17
2-Fluorobiphenyl
Concen: 1.56 ng
RT: 13.01 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	24.3	36.5#
170	30.2	14.9	22.3#

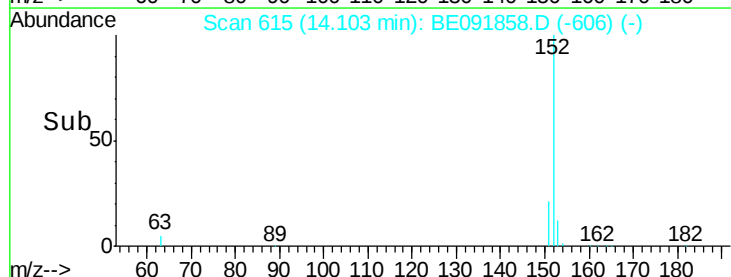
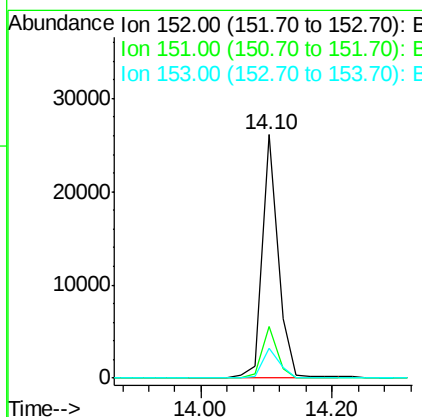
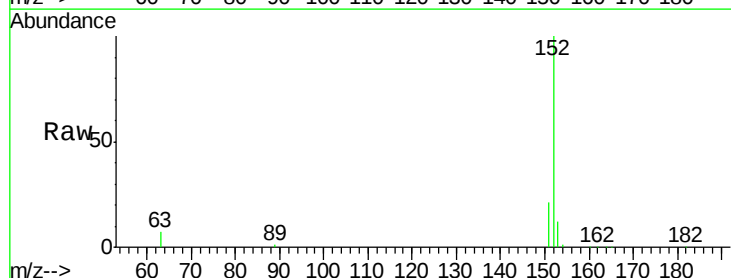
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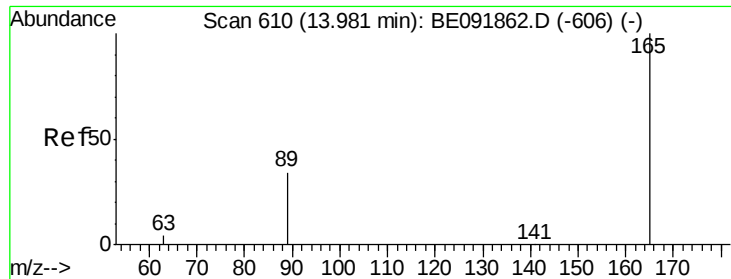
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#18
Acenaphthylene
Concen: 1.52 ng
RT: 14.10 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	19.4	29.2
153	14.1	14.4	21.6#





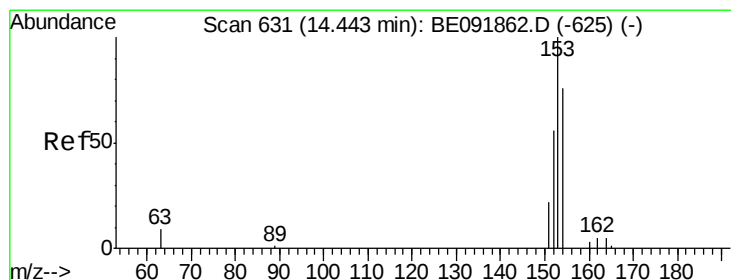
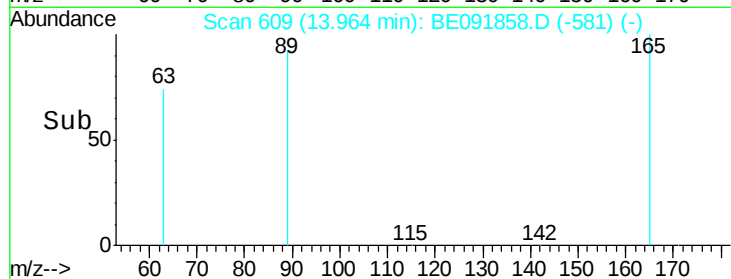
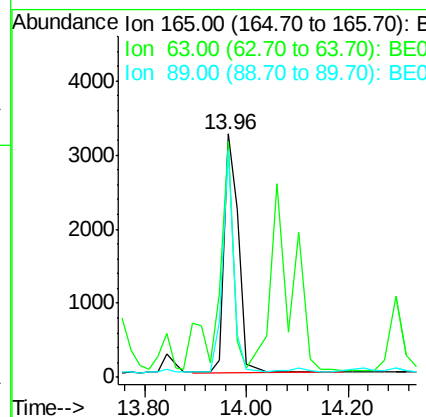
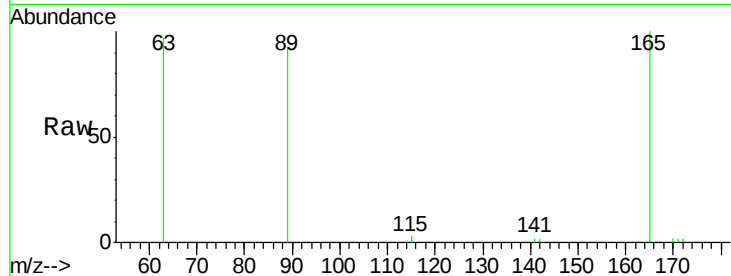
#19
2,6-Dinitrotoluene
Concen: 1.51 ng
RT: 13.96 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Resp	Lower	Upper
165	100	7255		
63	84.2		65.9	98.9
89	71.4		59.1	88.7

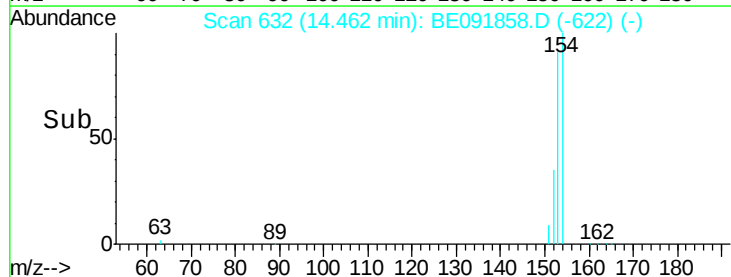
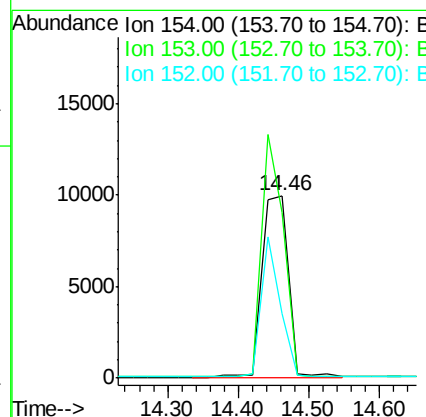
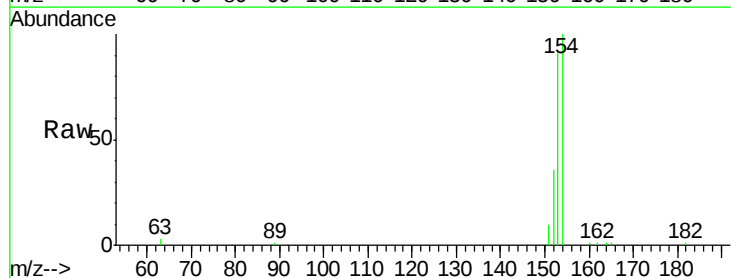
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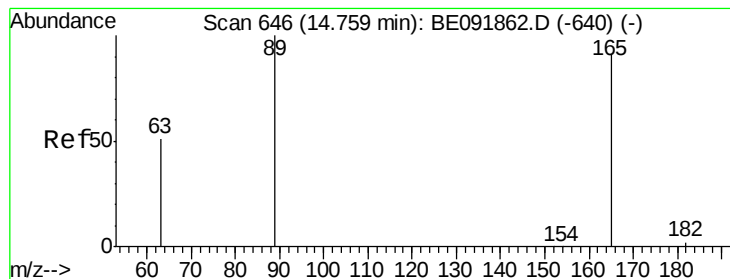
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#20
Acenaphthene
Concen: 1.50 ng
RT: 14.46 min Scan# 632
Delta R.T. 0.02 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	25787		
153	0.0		88.1	132.1#
152	0.0		44.2	66.2#





#21

2,4-Dinitrotoluene

Concen: 1.49 ng

RT: 14.76 min Scan# 646

Delta R.T. -0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Instrument :

BNA_E

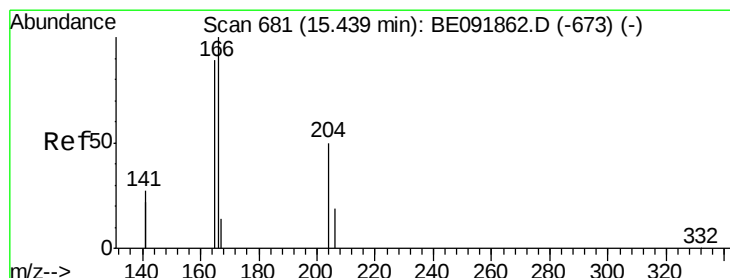
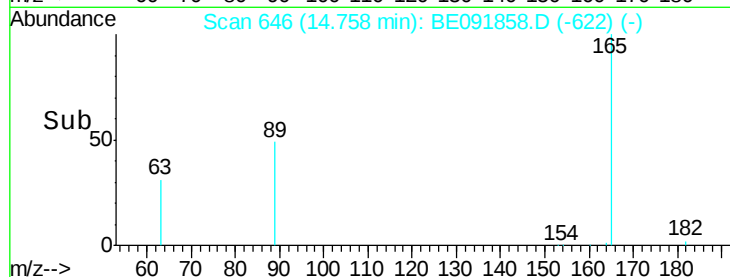
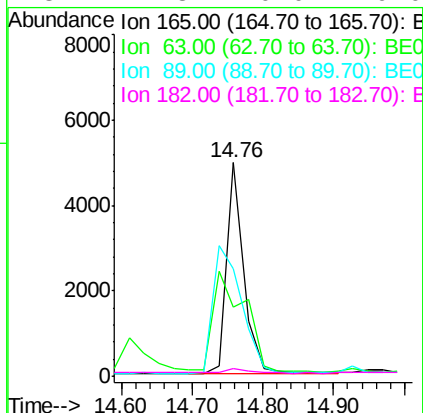
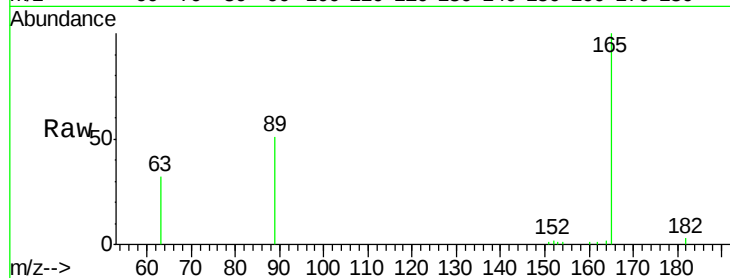
ClientSampleId :

SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	0.0	99.8	149.8#
182	2.8	0.0	0.0#

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#22

Fluorene

Concen: 1.59 ng

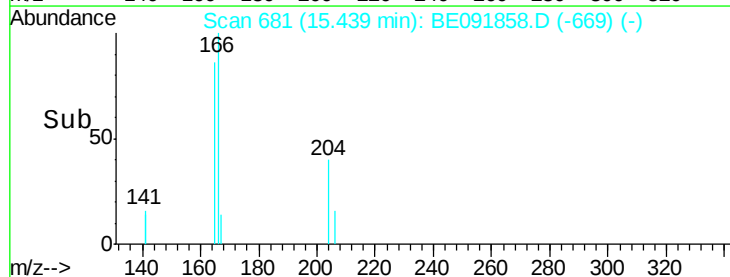
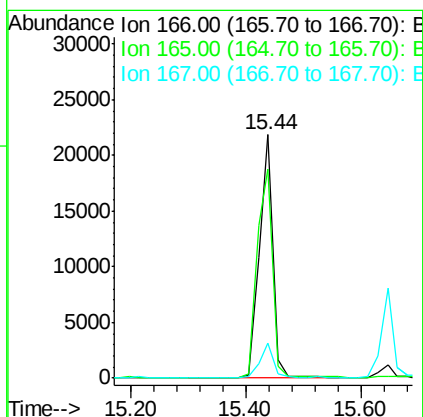
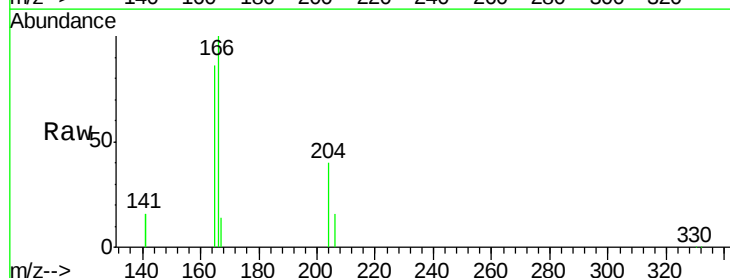
RT: 15.44 min Scan# 681

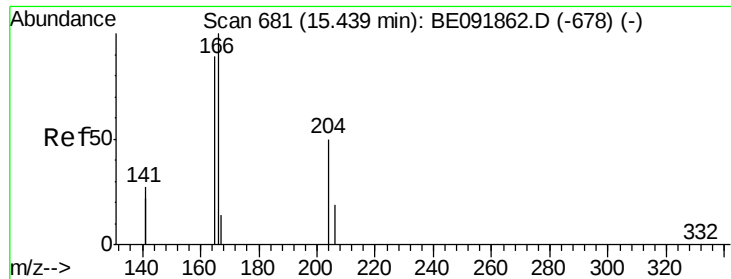
Delta R.T. 0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	13.5	10.8	16.2





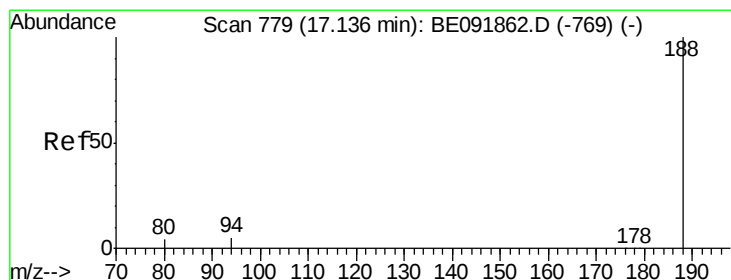
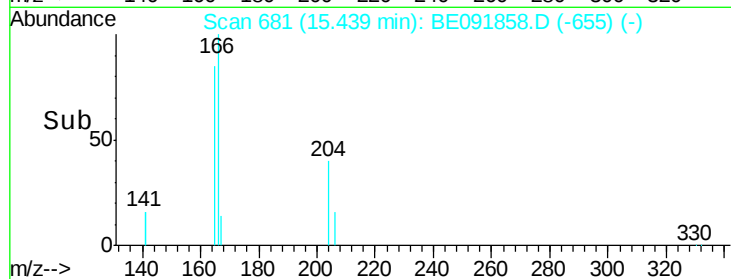
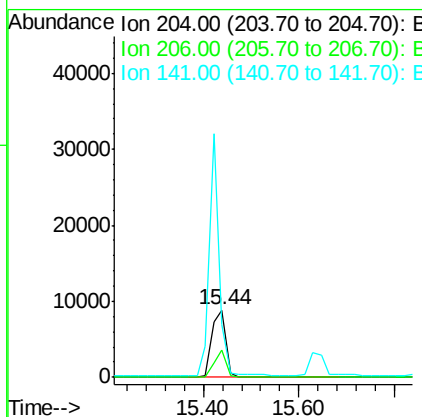
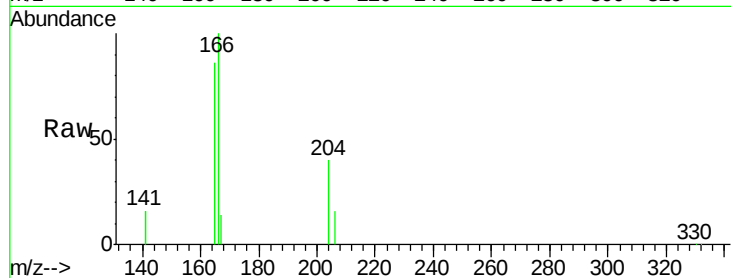
#23
4-Chlorophenyl-phenylether
Concen: 1.57 ng
RT: 15.44 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion:204 Resp: 17424
Ion Ratio Lower Upper
204 100
206 34.1 27.8 41.6
141 255.8 197.6 296.4

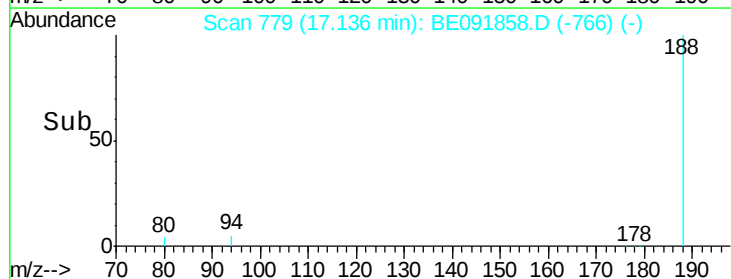
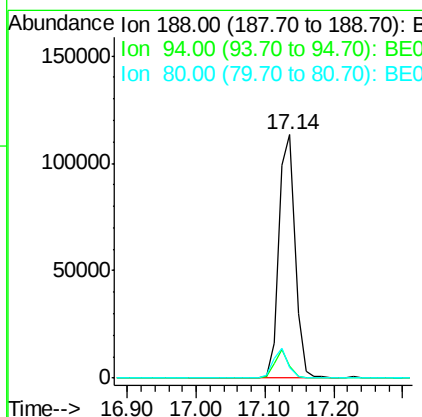
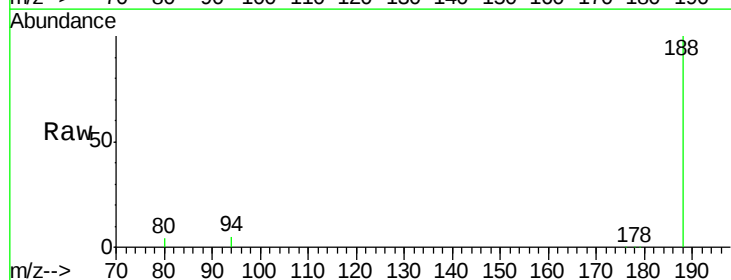
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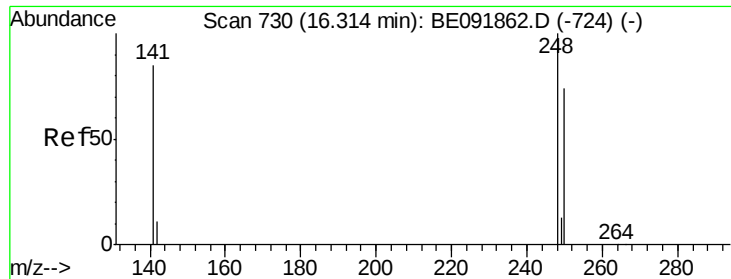
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Tgt Ion:188 Resp: 215236
Ion Ratio Lower Upper
188 100
94 5.1 4.1 6.1
80 4.2 3.4 5.2





#25

4-Bromophenyl-phenylether

Concen: 1.59 ng

RT: 16.31 min Scan# 730

Delta R.T. 0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Instrument :

BNA_E

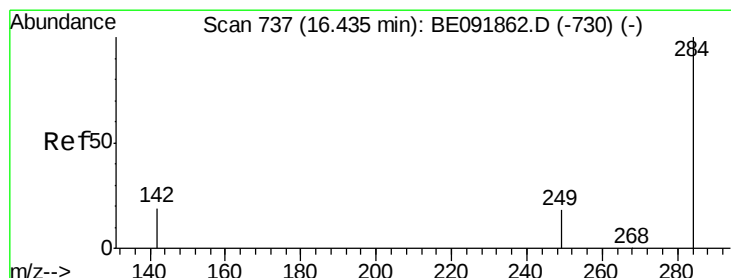
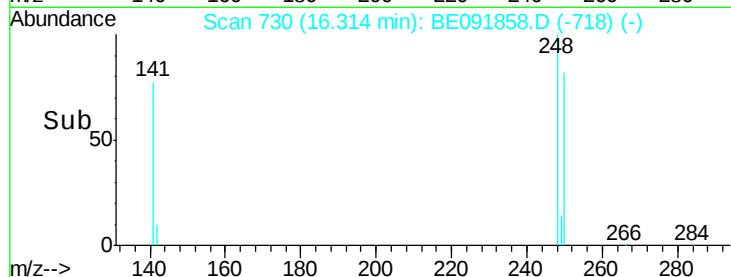
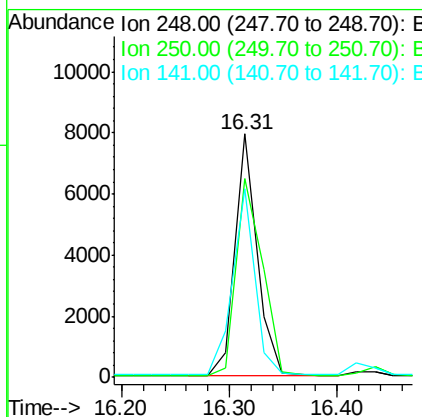
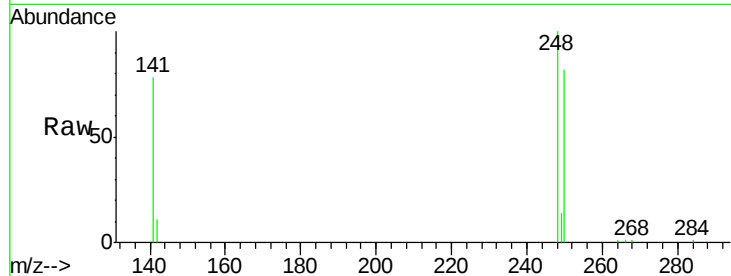
ClientSampled :

SSTDICC1.6

Tot Ion:	248	Resp:	11188
Ion Ratio	Lower	Upper	
248	100		
250	96.8	75.7	113.5
141	78.1	64.6	97.0

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#26

Hexachlorobenzene

Concen: 1.57 ng

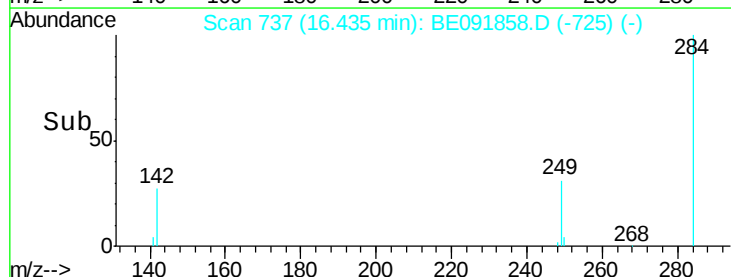
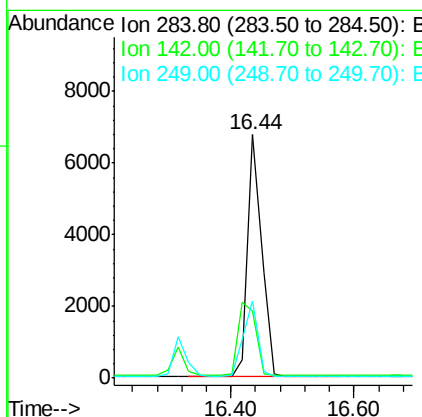
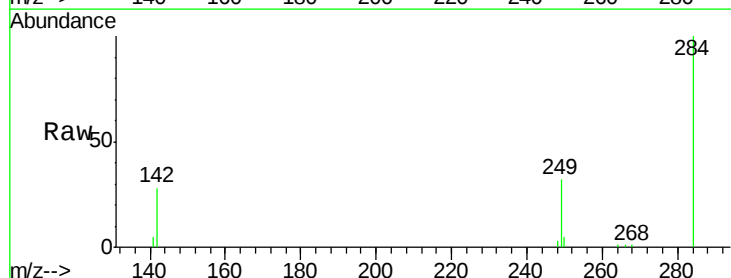
RT: 16.44 min Scan# 737

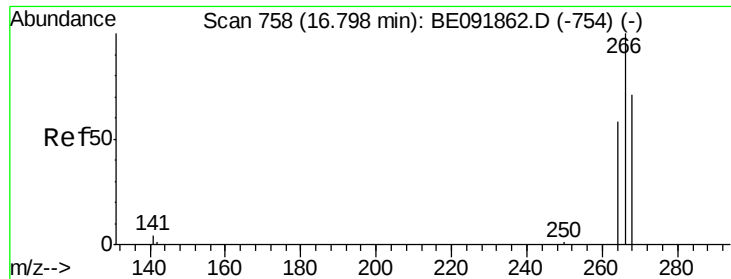
Delta R.T. 0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Tgt Ion:	284	Resp:	10595
Ion Ratio	Lower	Upper	
284	100		
142	39.0	31.4	47.2
249	32.6	25.3	37.9





#27

Pentachlorophenol

Concen: 1.45 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.02 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Instrument :

BNA_E

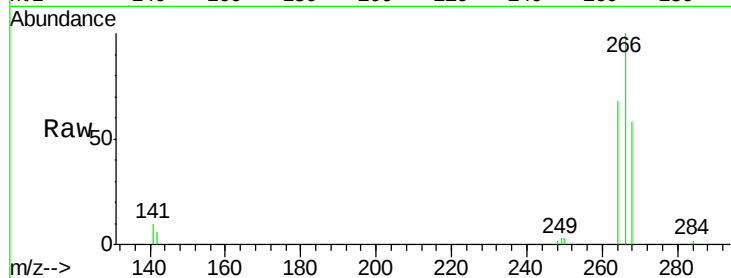
ClientSampleId :

SSTDICC1.6

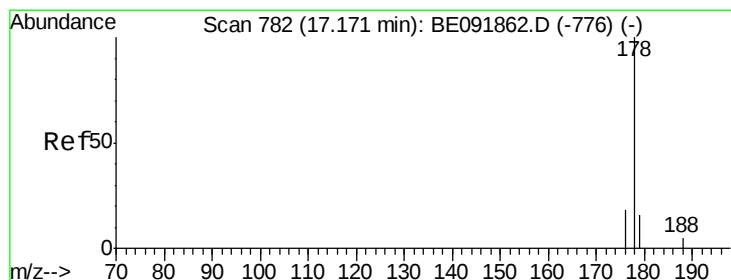
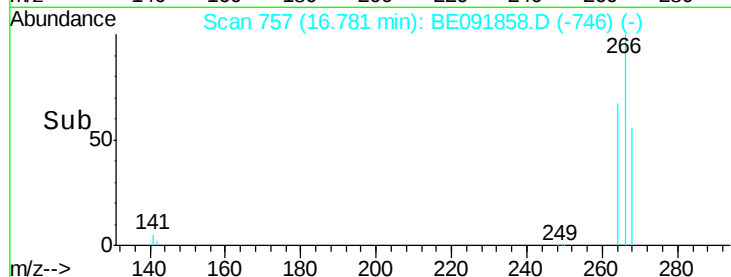
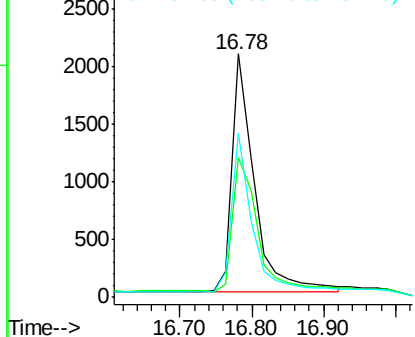
Tot Ion:	266	Resp:	4353
Ion Ratio	Lower	Upper	
266	100		
268	57.5	60.5	90.7#
264	67.6	51.0	76.4

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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: 1.60 ng

RT: 17.17 min Scan# 782

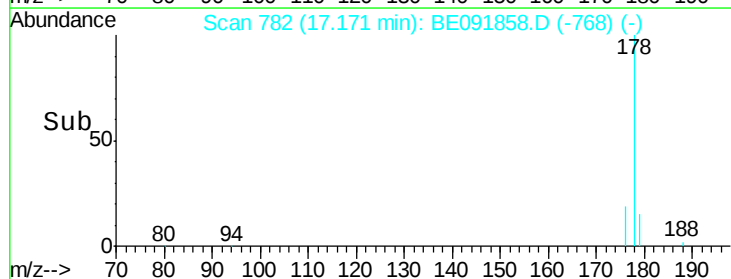
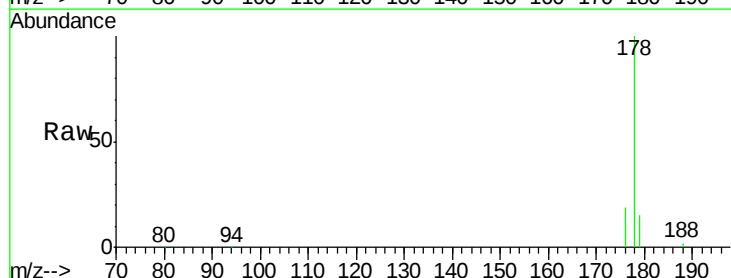
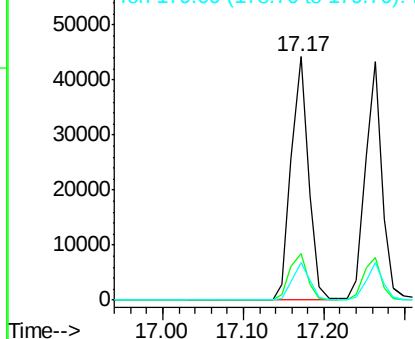
Delta R.T. 0.00 min

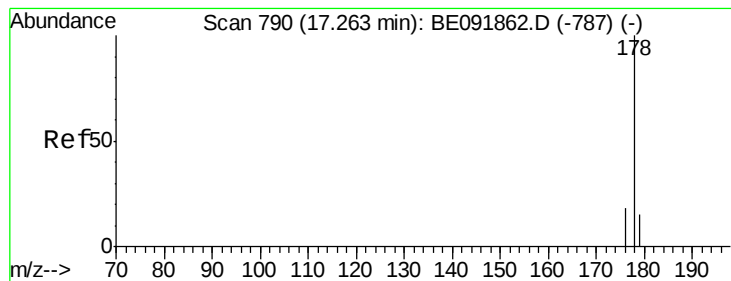
Lab File: BE091858.D

Acq: 25 May 2016 14:43

Tgt Ion:	178	Resp:	65509
Ion Ratio	Lower	Upper	
178	100		
176	19.5	15.4	23.2
179	15.4	12.9	19.3

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: 1.62 ng

RT: 17.26 min Scan# 790

Delta R.T. 0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Instrument :

BNA_E

ClientSampleId :

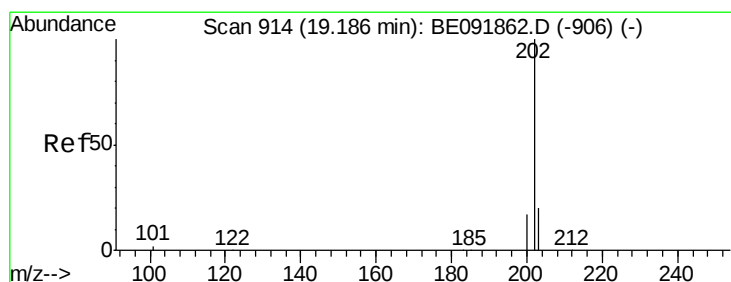
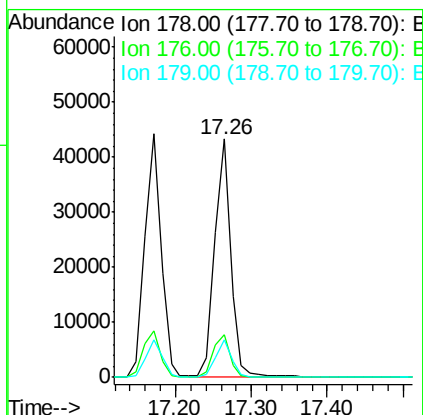
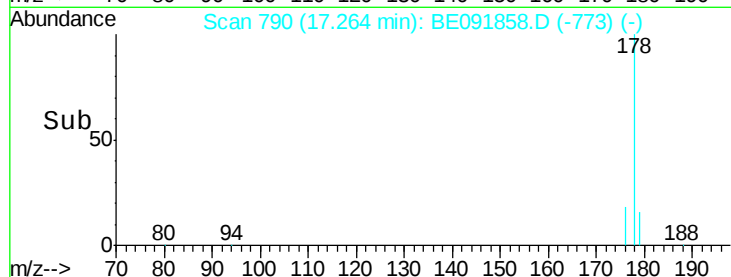
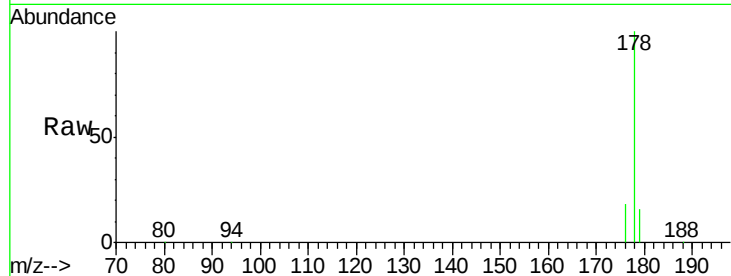
SSTDICC1.6

Tot Ion:178 Resp: 63362

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.1	22.7
179	15.4	12.1	18.1

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#30

Fluoranthene

Concen: 1.66 ng

RT: 19.17 min Scan# 913

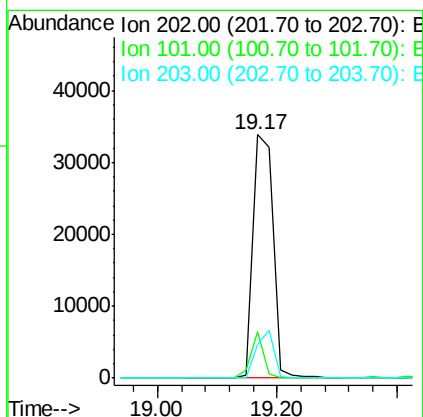
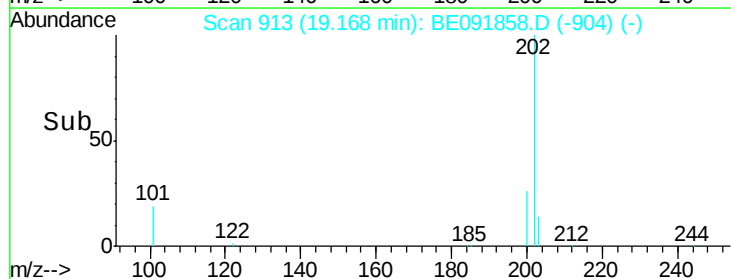
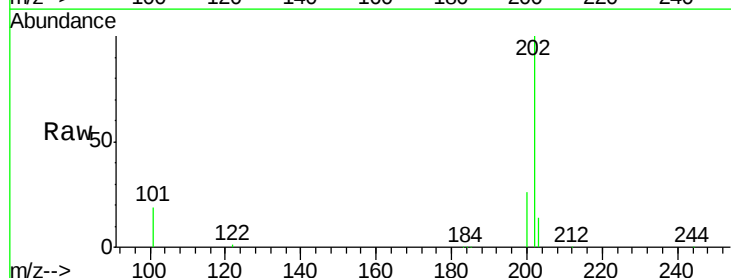
Delta R.T. -0.02 min

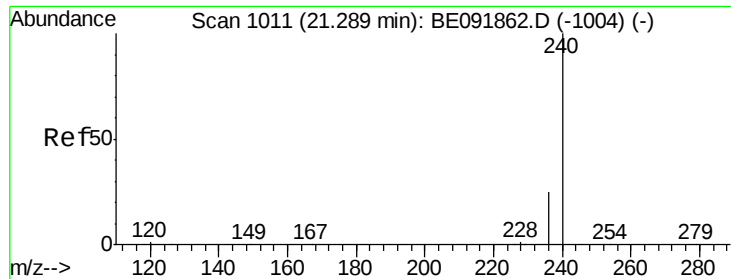
Lab File: BE091858.D

Acq: 25 May 2016 14:43

Tgt Ion:202 Resp: 78486

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.4	14.0
203	17.2	14.3	21.5





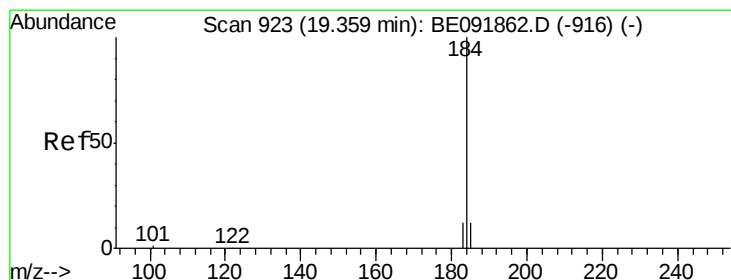
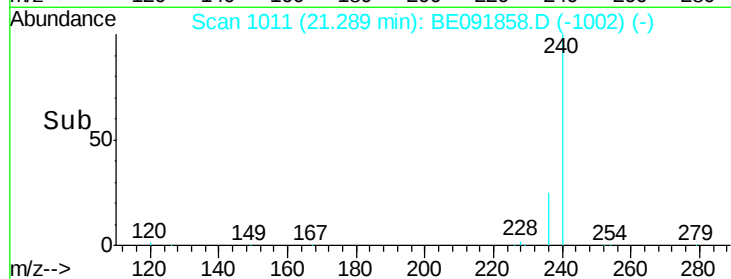
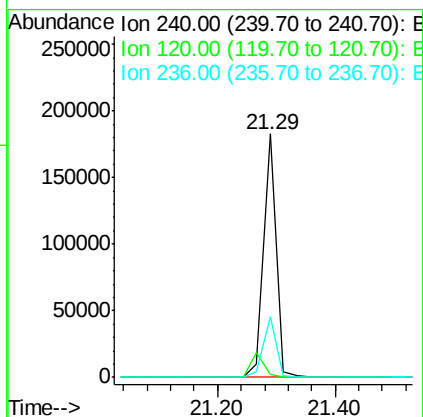
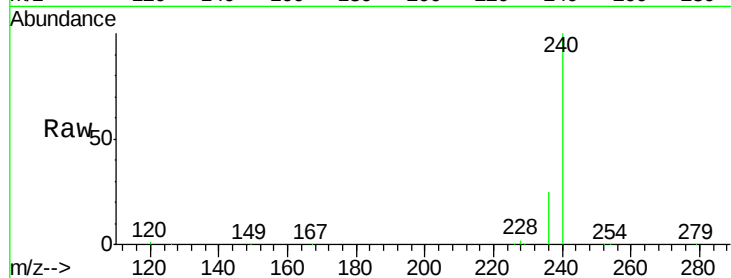
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
240	100		
120	1.4	1.2	1.8
236	24.9	19.8	29.8

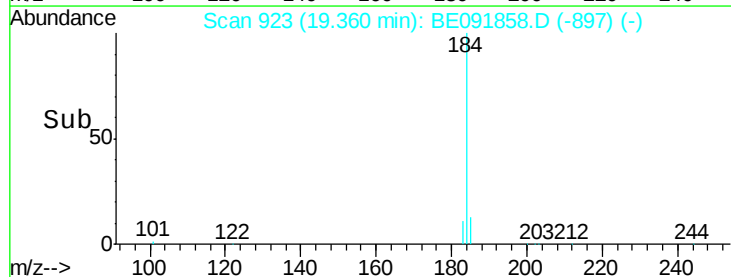
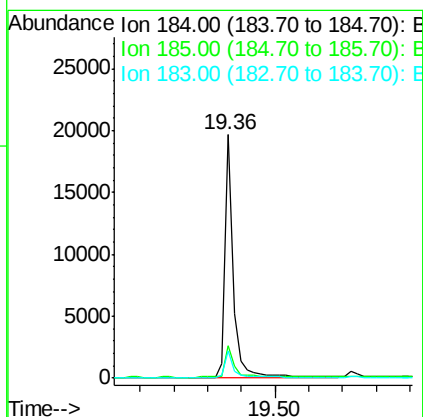
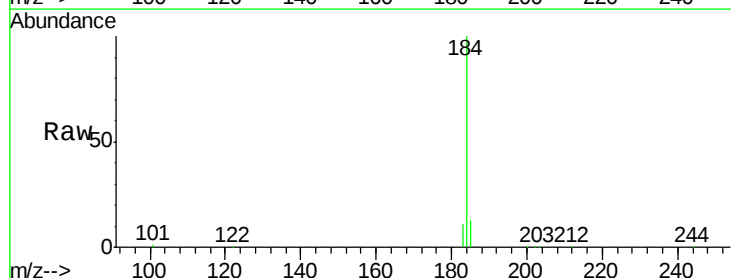
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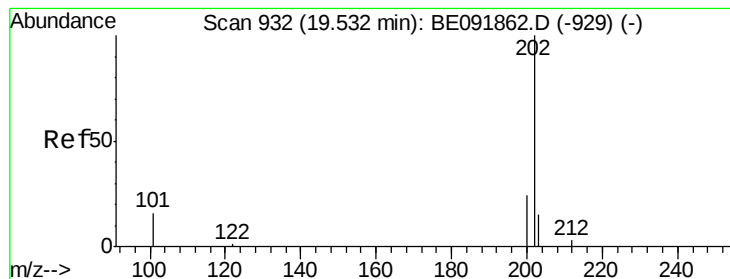
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#32
Benzidine
Concen: 1.60 ng
RT: 19.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.5	11.4	17.2
183	11.3	11.8	17.6





#33

Pvrene

Concen: 1.65 ng

RT: 19.53 min Scan# 932

Delta R.T. 0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Instrument :

BNA_E

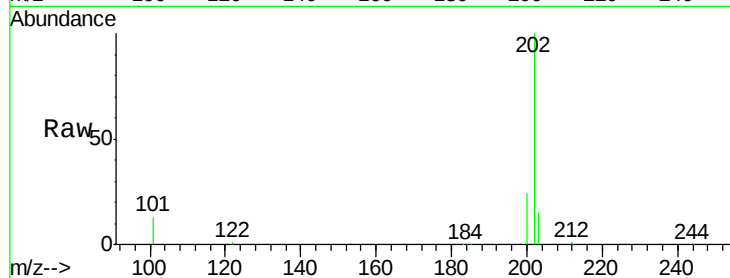
ClientSampleId :

SSTDICC1.6

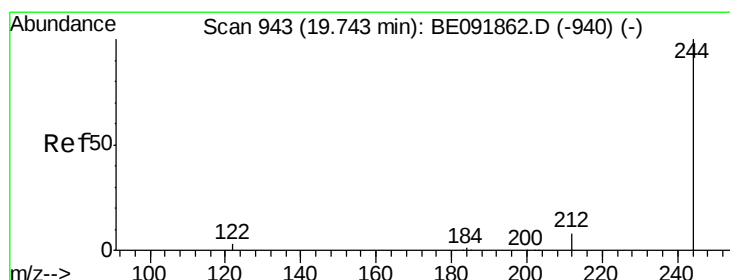
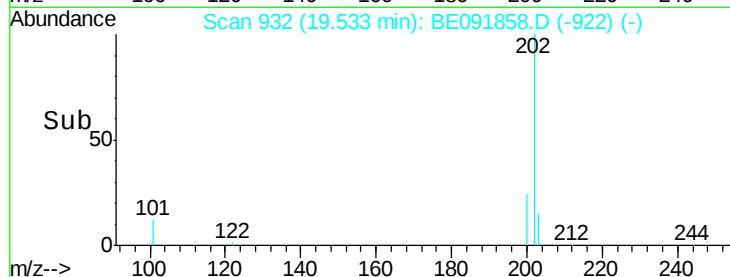
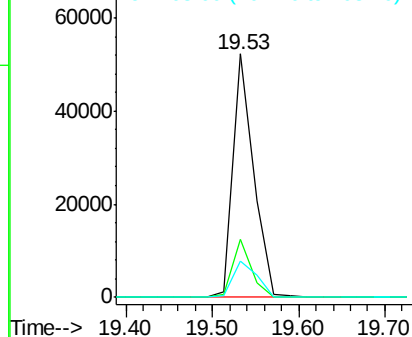
Tot Ion:	202	Resp:	86655
Ion Ratio	Lower	Upper	
202	100		
200	21.5	16.9	25.3
203	17.2	14.1	21.1

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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: 1.65 ng

RT: 19.74 min Scan# 943

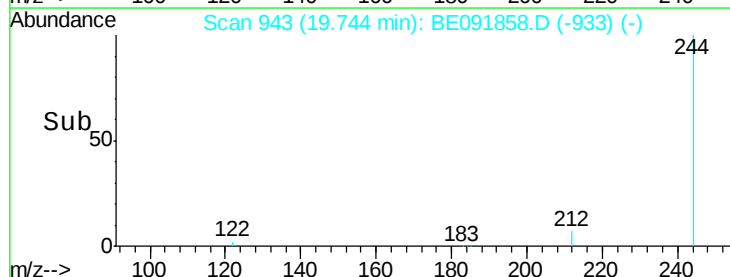
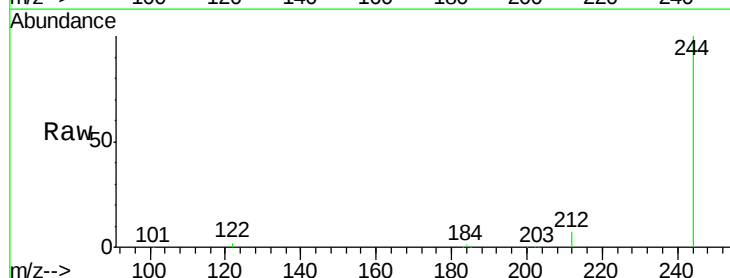
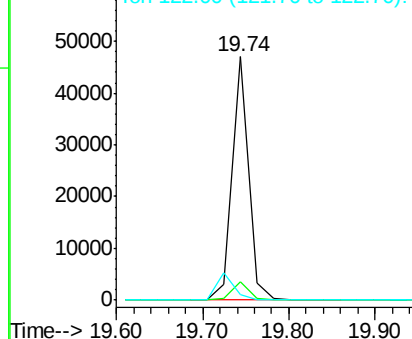
Delta R.T. 0.00 min

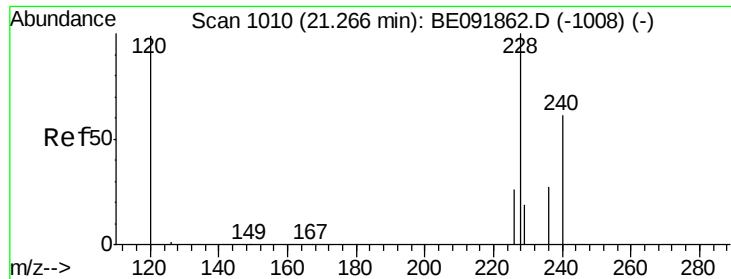
Lab File: BE091858.D

Acq: 25 May 2016 14:43

Tgt Ion:	244	Resp:	62063
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.5	9.7
122	2.3	2.9	4.3#

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





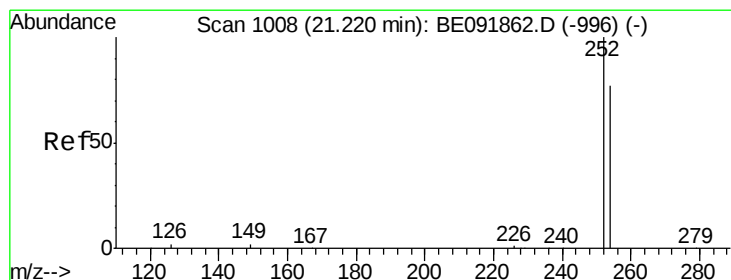
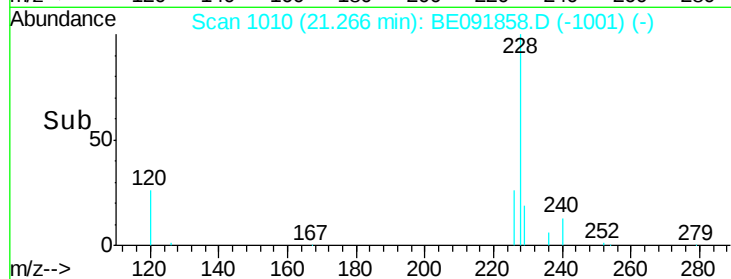
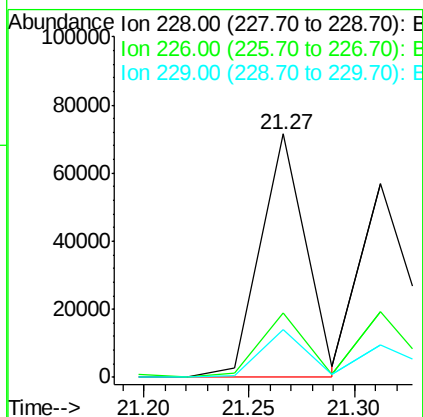
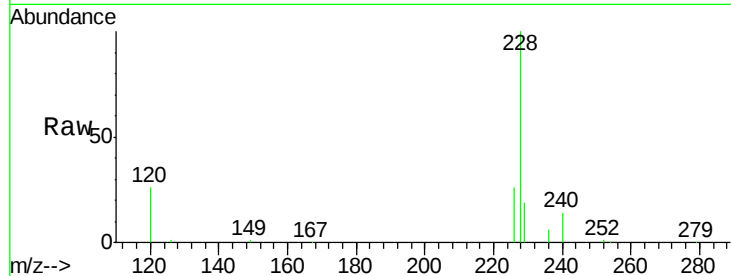
#35
Benzo(a)anthracene
Concen: 1.19 ng/mL
RT: 21.27 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.4	21.0	31.4
229	19.4	15.8	23.8

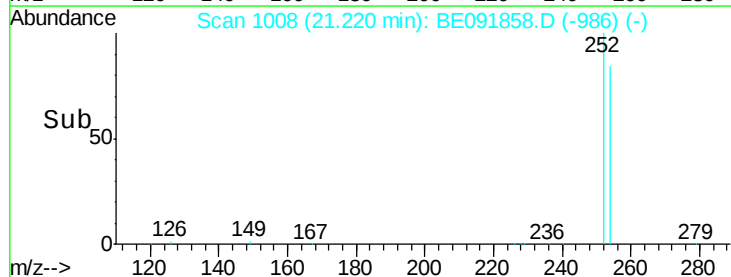
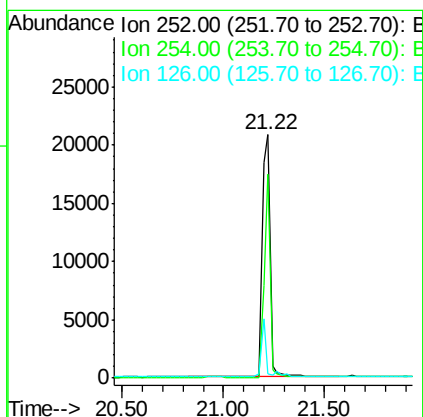
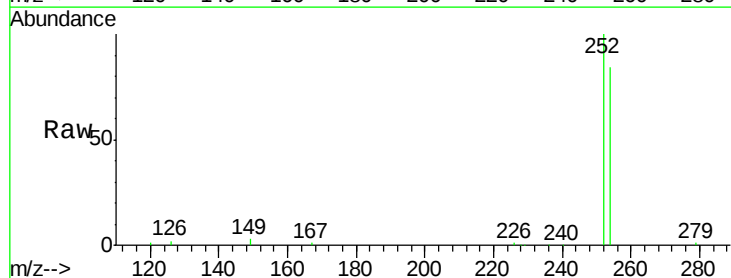
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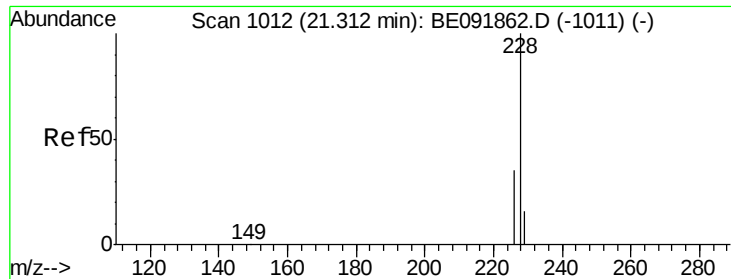
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#36
3,3'-Dichlorobenzidine
Concen: 1.62 ng/mL
RT: 21.22 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	83.9	61.5	92.3
126	1.6	2.5	3.7#





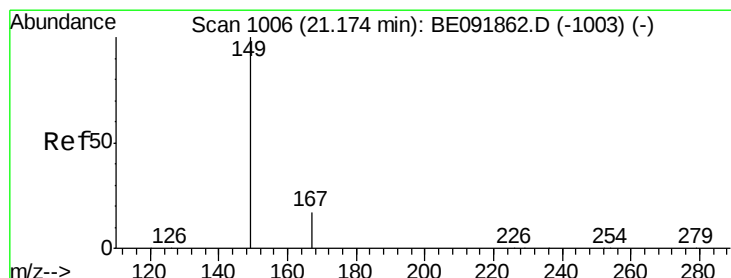
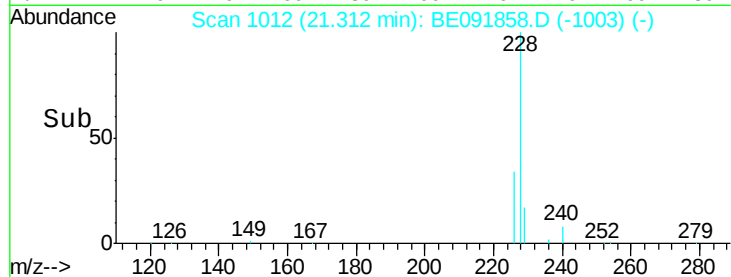
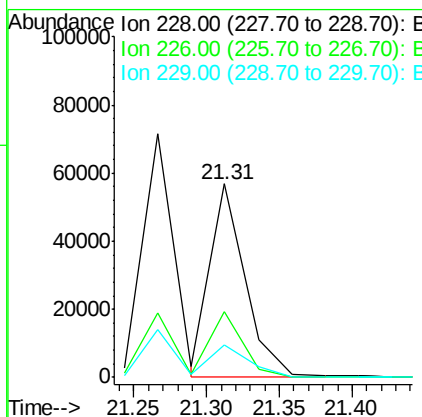
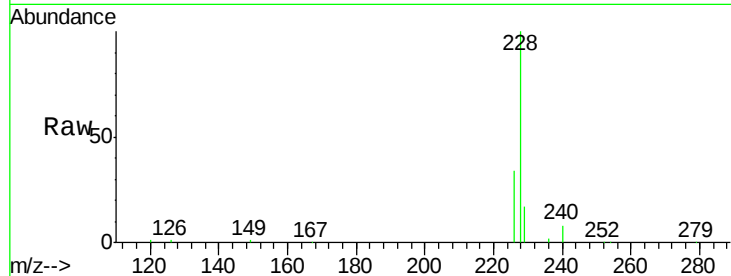
#37
Chrysene
Concen: 1.08 ng/mL
RT: 21.31 min Scan# 1012
Delta R.T. 0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.2	27.0	40.6
229	16.9	13.8	20.8

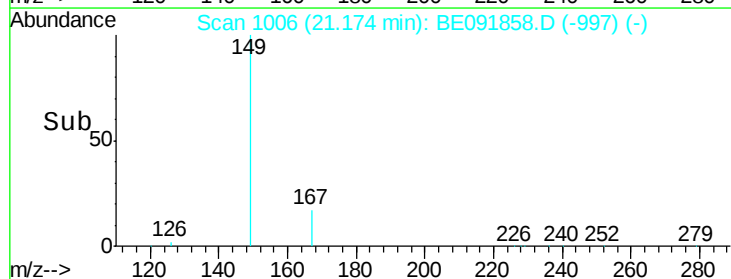
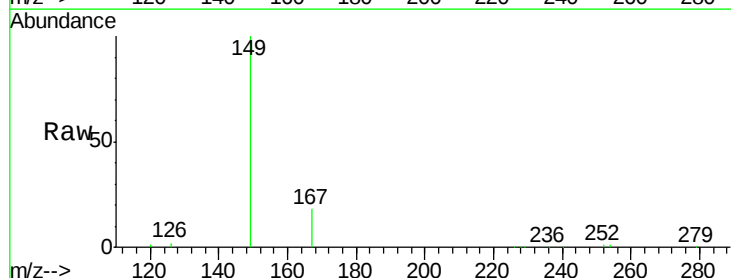
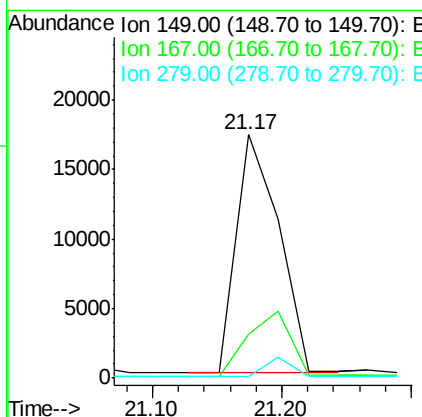
Manual Integrations
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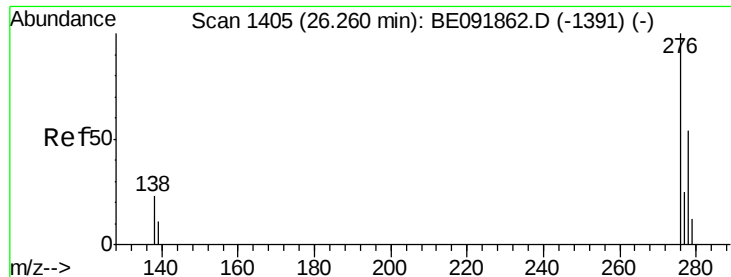
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#38
Bis(2-ethylhexyl)phthalate
Concen: 1.68 ng/mL
RT: 21.17 min Scan# 1006
Delta R.T. 0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	0.0	0.0	0.0
279	0.0	0.0	0.0





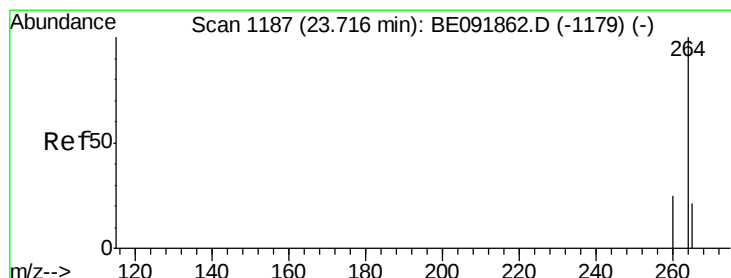
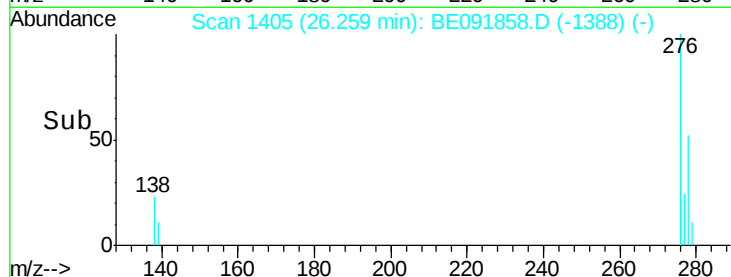
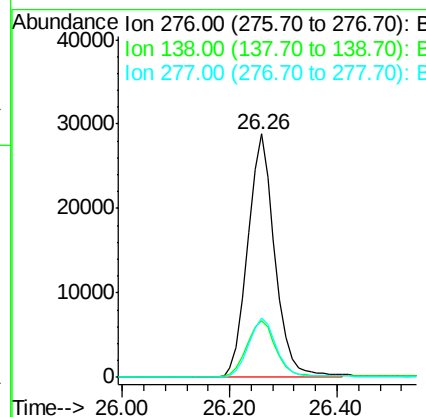
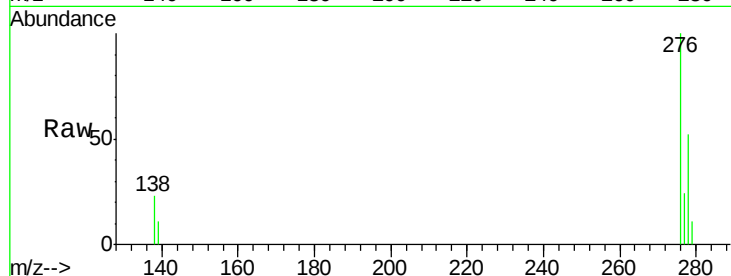
#39
Indeno(1,2,3-cd)pyrene
Concen: 1.59 ng
RT: 26.26 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Instrument :
BNA_E
ClientSampleId :
SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.4	19.7	29.5
277	24.8	20.1	30.1

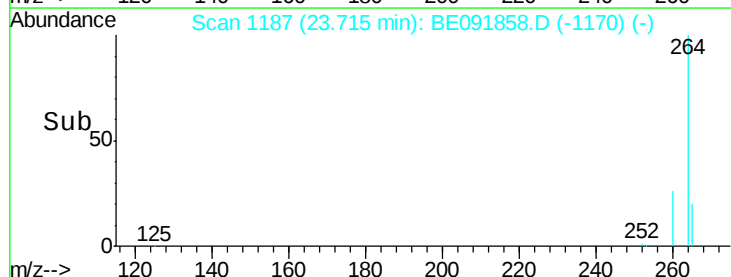
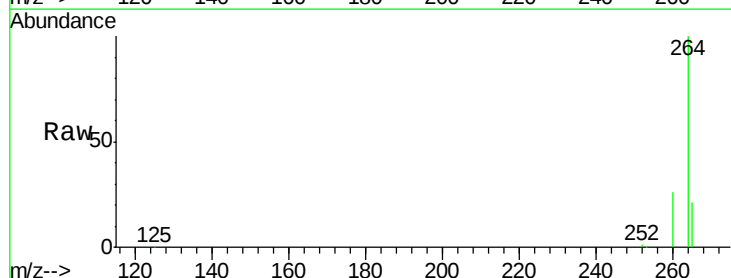
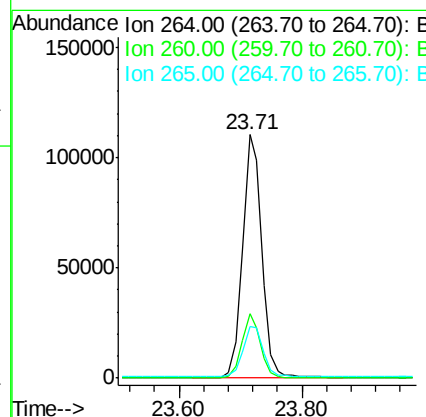
Manual Integrations
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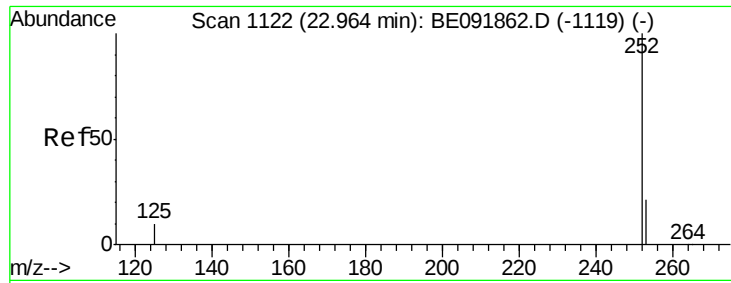
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#40
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BE091858.D
Acq: 25 May 2016 14:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.3	30.5
265	21.0	17.6	26.4





#41

Benzo(b)fluoranthene

Concen: 1.72 ng

RT: 22.96 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Instrument :

BNA_E

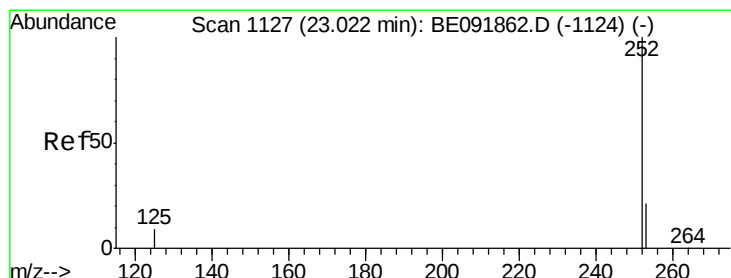
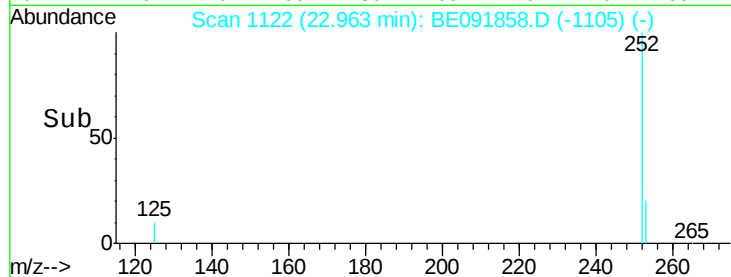
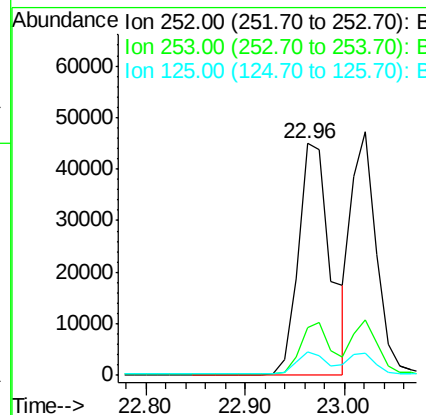
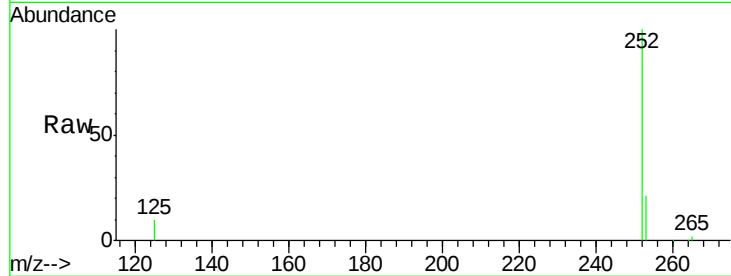
ClientSampleId :

SSTDICC1.6

Tot Ion:	252	Resp:	100779
Ion Ratio	Lower	Upper	
252	100		
253	20.8	17.8	26.6
125	10.4	9.4	14.2

Manual Integrations
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#42

Benzo(k)fluoranthene

Concen: 1.45 ng

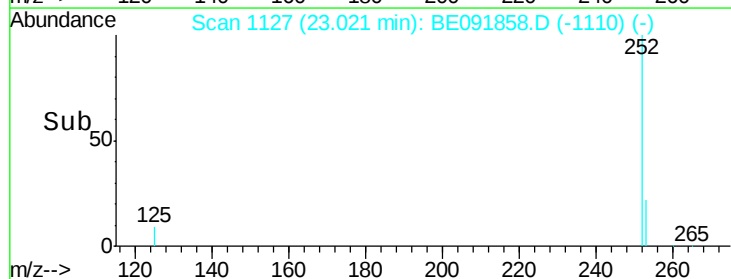
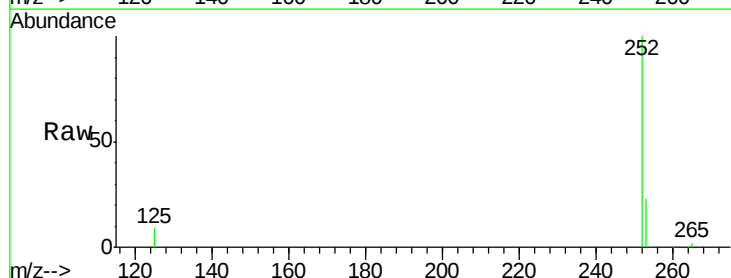
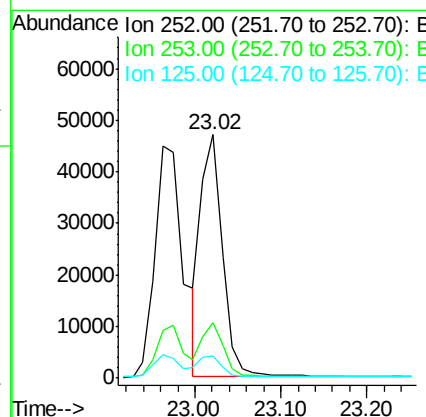
RT: 23.02 min Scan# 1127

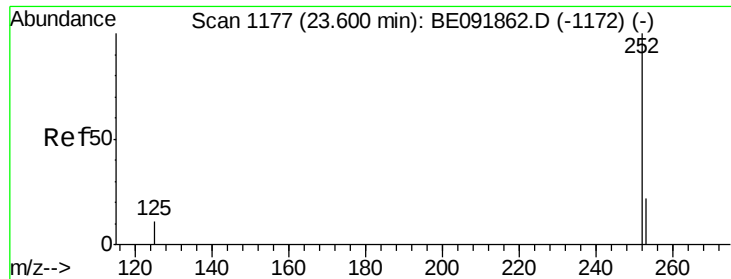
Delta R.T. -0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Tgt Ion:	252	Resp:	81826
Ion Ratio	Lower	Upper	
252	100		
253	22.8	19.4	29.2
125	9.2	8.3	12.5





#43

Benzo(a)pyrene

Concen: 1.58 ng

RT: 23.60 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

Instrument :

BNA_E

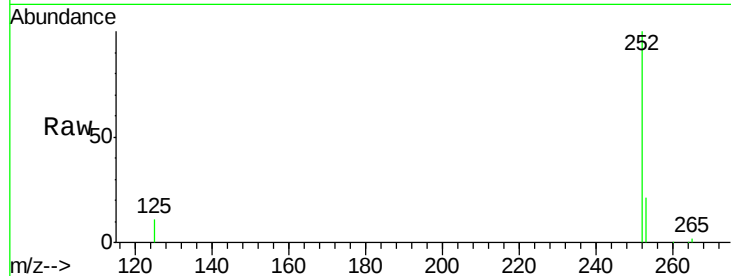
ClientSampleId :

SSTDICC1.6

Tot Ion:	252	Resp:	86773
Ion Ratio	Lower	Upper	
252	100		
253	21.3	18.9	28.3
125	11.3	10.5	15.7

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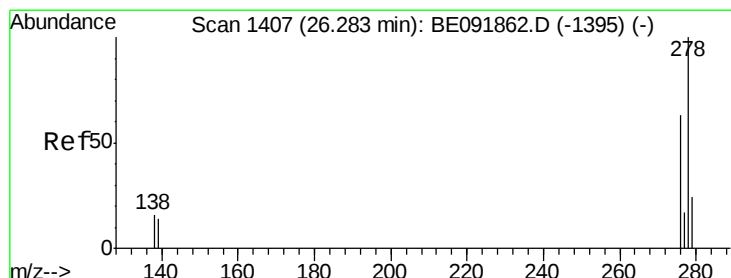
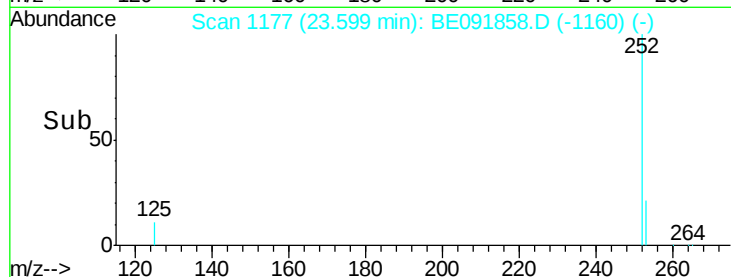
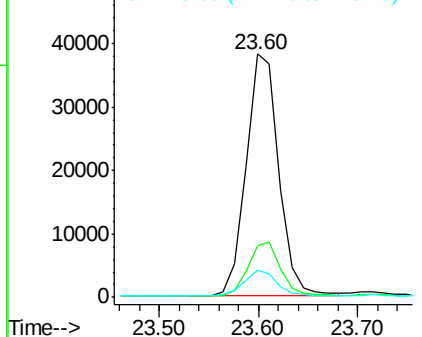


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#44

Dibenzo(a,h)anthracene

Concen: 1.59 ng

RT: 26.28 min Scan# 1407

Delta R.T. -0.00 min

Lab File: BE091858.D

Acq: 25 May 2016 14:43

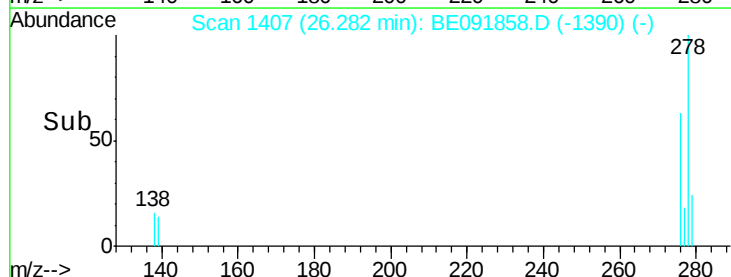
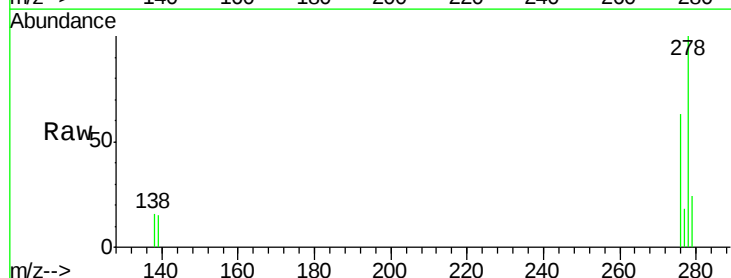
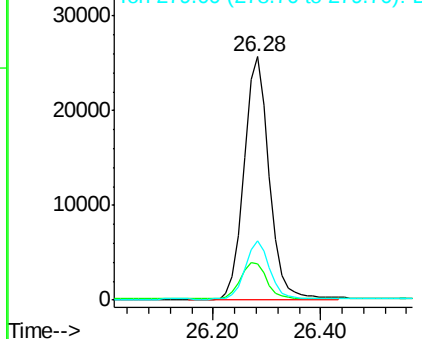
Tgt Ion:	278	Resp:	83578
Ion Ratio	Lower	Upper	
278	100		
139	14.8	12.6	18.8
279	24.2	20.0	30.0

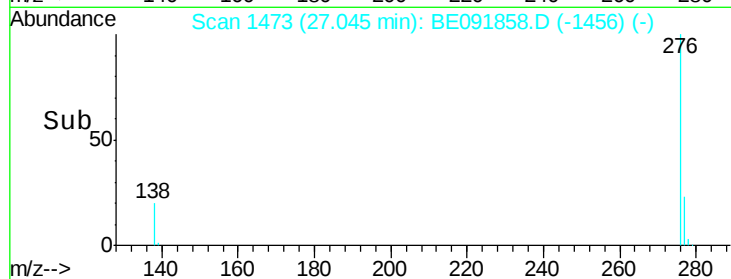
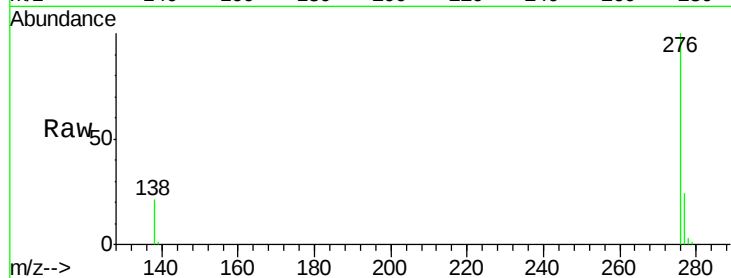
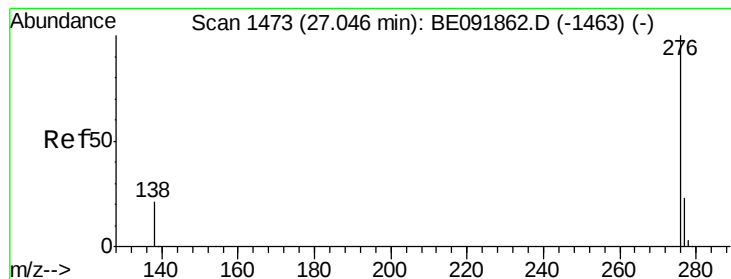
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#45
 Benzo(a,h,i)perylene
 Concen: 1.58 ng
 RT: 27.05 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BE091858.D
 Acq: 25 May 2016 14:43

Instrument :
 BNA_E
 ClientSampleId :
 SSTDICC1.6

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.5	29.3
138	20.6	17.7	26.5

Manual Integrations
 APPROVED

sohil
 5/26/2016 6:44:10 PM

