

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
 Data File : BE091874.D
 Acq On : 26 May 2016 00:52
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
 APPROVED

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 5/26/2016 6:46:15 PM

Quant Time: May 26 02:04:23 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 19:42:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	30082	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	153672	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	95198	5.00	ng	0.00
24) Phenanthrene-d10	17.14	188	263237	5.00	ng	0.00
31) Chrysene-d12	21.29	240	268803	5.00	ng	0.00
40) Perylene-d12	23.71	264	238154	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2978	0.35	ng	0.00
5) Phenol-d6	6.95	99	4390	0.39	ng	0.00
9) Nitrobenzene-d5	8.94	82	4596	0.37	ng	0.00
16) 2,4,6-Tribromophenol	15.89	330	1340	0.32	ng	0.00
17) 2-Fluorobiphenyl	13.01	172	10906	0.39	ng	-0.02
34) Terphenyl-d14	19.74	244	16971	0.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.31	88	1371	0.37	ng	95
3) n-Nitrosodimethylamine	3.63	42	1845	0.33	ng	# 98
6) bis(2-Chloroethyl)ether	7.20	93	3522	0.37	ng	99
7) n-Nitroso-di-n-propylamine	8.57	70	3213	0.37	ng	# 94
10) Nitrobenzene	8.96	77	4425	0.37	ng	# 100
11) bis(2-Chloroethoxy)methane	9.98	93	4478m	0.31	ng	
12) Naphthalene	10.61	128	12918	0.39	ng	99
13) Hexachlorobutadiene	10.90	225	1960	0.38	ng	99
14) 2-Methylnaphthalene	12.22	142	8551	0.39	ng	94
18) Acenaphthylene	14.10	152	17479	0.39	ng	97
19) 2,6-Dinitrotoluene	13.96	165	1993	0.31	ng	97
20) Acenaphthene	14.44	154	9659	0.39	ng	99
21) 2,4-Dinitrotoluene	14.76	165	2099	0.43	ng	# 99
22) Fluorene	15.44	166	12282	0.37	ng	99
23) 4-Chlorophenyl-phenylether	15.44	204	5988	0.33	ng	99
25) 4-Bromophenyl-phenylether	16.31	248	3696	0.39	ng	97
26) Hexachlorobenzene	16.44	284	3675	0.41	ng	98
27) Pentachlorophenol	16.78	266	1303	0.38	ng	88
28) Phenanthrene	17.17	178	21536	0.37	ng	100
29) Anthracene	17.26	178	20257	0.39	ng	99
30) Fluoranthene	19.17	202	23088	0.33	ng	100
32) Benzidine	19.36	184	9429	0.49	ng	98
33) Pyrene	19.53	202	25167	0.44	ng	99
35) Benzo(a)anthracene	21.27	228	29956m	0.42	ng	
36) 3,3'-Dichlorobenzidine	21.22	252	16138	0.41	ng	# 99
37) Chrysene	21.31	228	27280m	0.35	ng	
38) Bis(2-ethylhexyl)phthalate	21.17	149	19566	0.75	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.26	276	26842	0.40	ng	99
41) Benzo(b)fluoranthene	22.96	252	23428	0.36	ng	98
42) Benzo(k)fluoranthene	23.01	252	24414	0.42	ng	# 96
43) Benzo(a)pyrene	23.60	252	23189	0.40	ng	98
44) Dibenzo(a,h)anthracene	26.28	278	22035	0.39	ng	98
45) Benzo(a,h,i)perylene	27.05	276	22504	0.40	ng	98

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Manual Integrations
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Quant Time: May 26 02:04:23 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 19:42:30 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

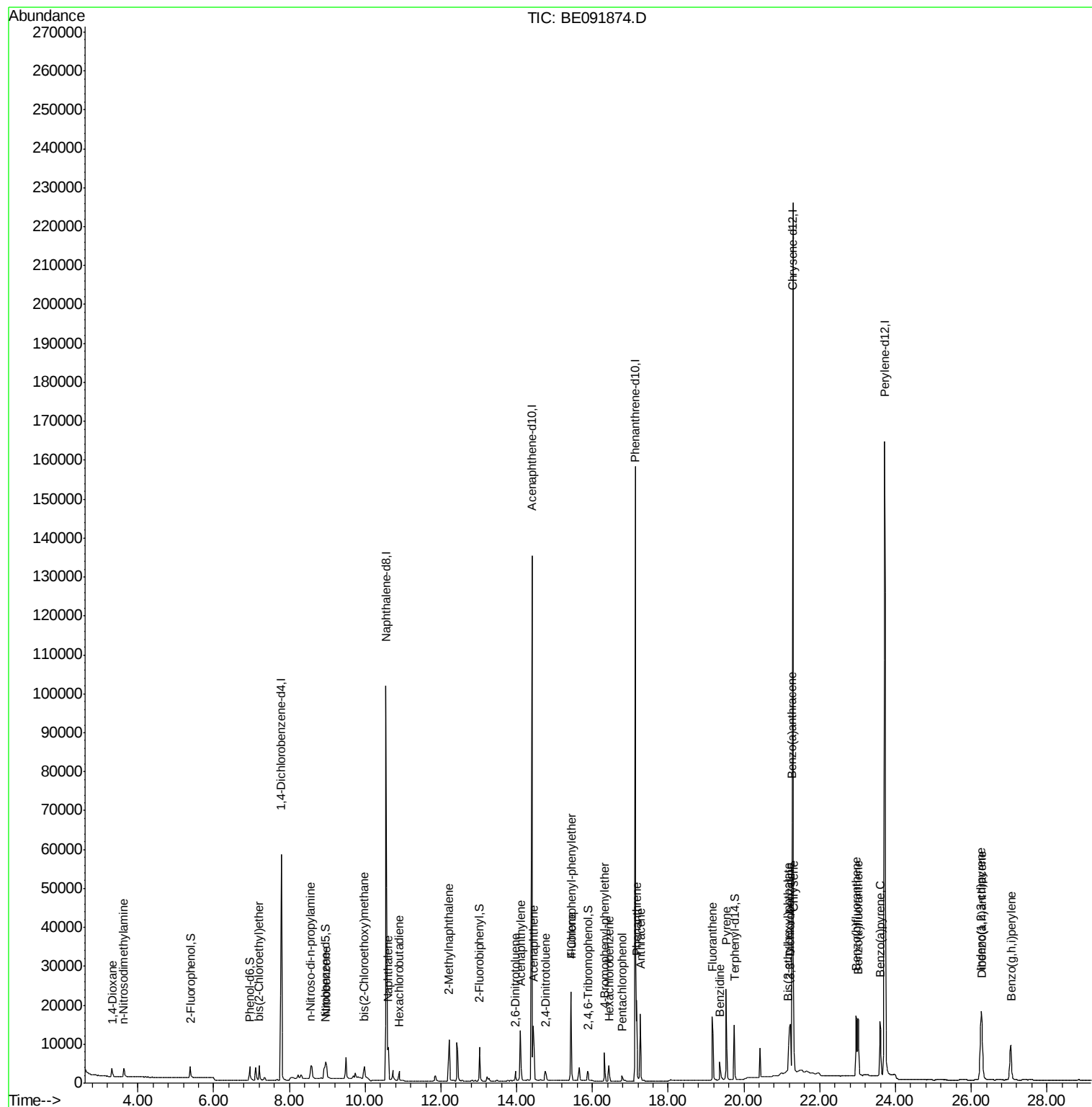
Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
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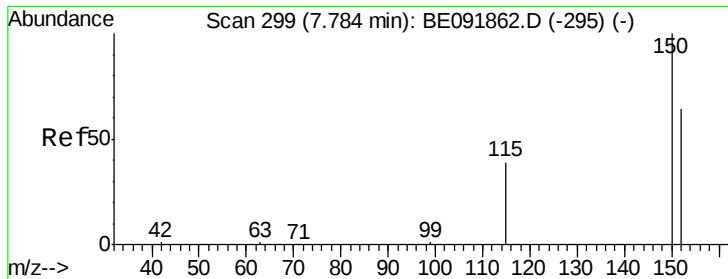
Instrument :
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#1

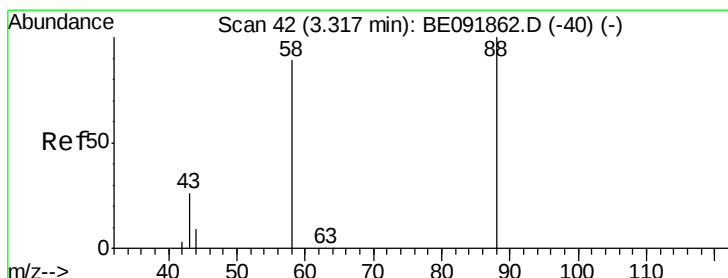
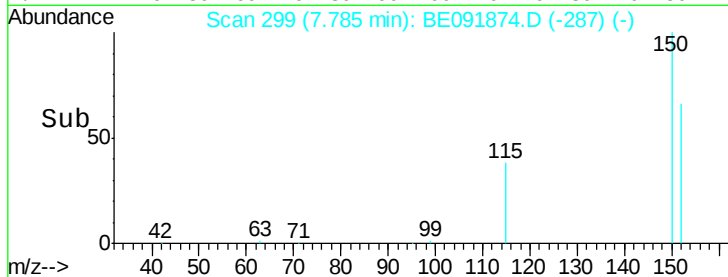
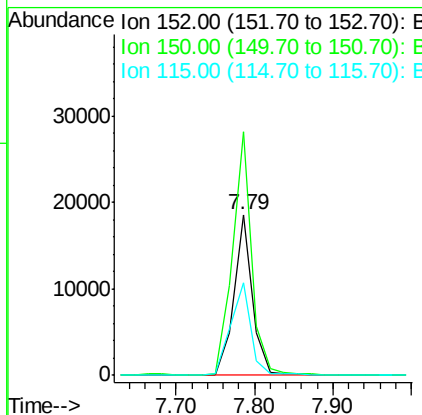
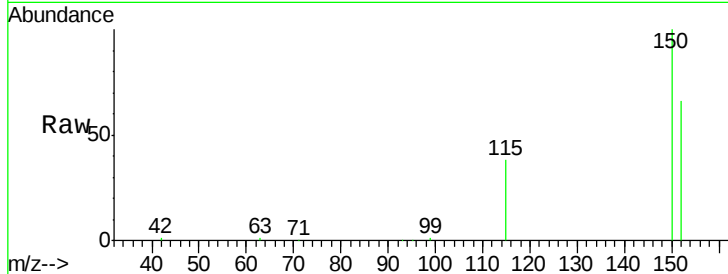
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.79 min Scan# 299
Delta R.T. 0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.6	123.9	185.9
115	57.6	48.3	72.5

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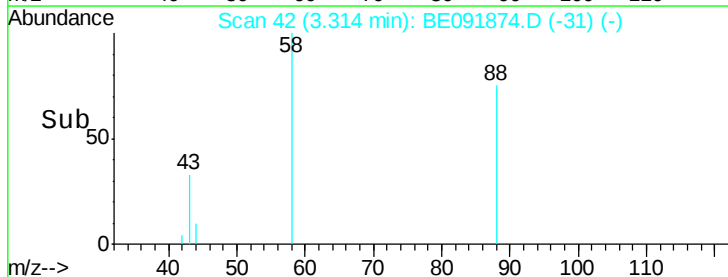
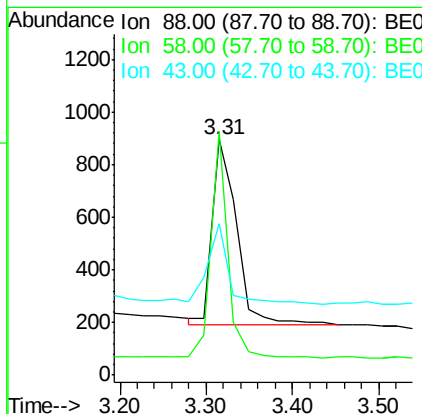
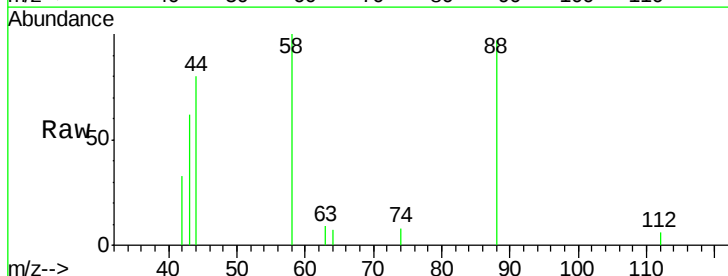
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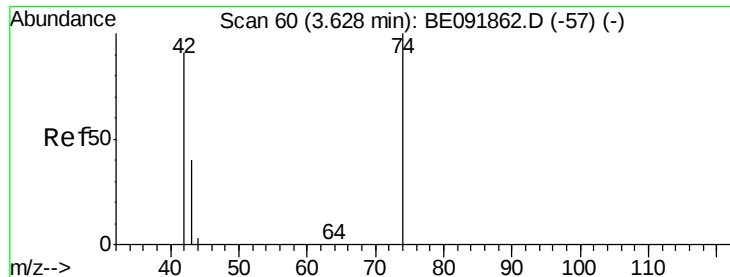


#2

1,4-Dioxane
Concen: 0.37 ng
RT: 3.31 min Scan# 42
Delta R.T. -0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.3	63.0	94.4
43	38.4	29.1	43.7





#3

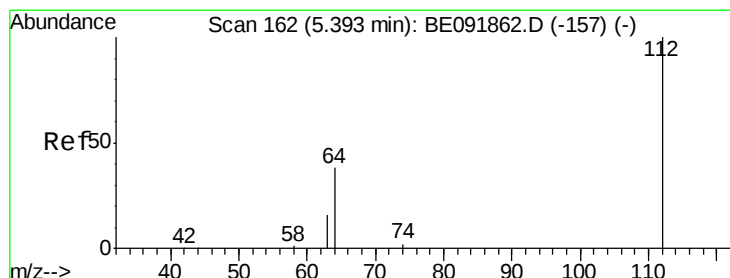
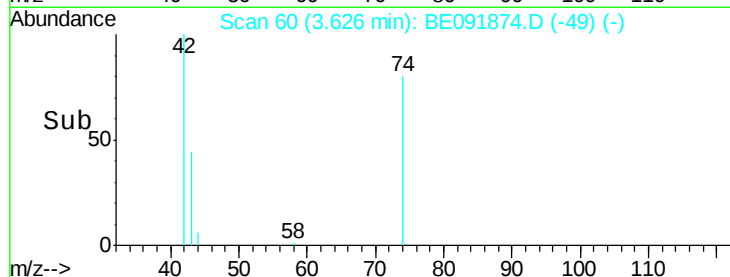
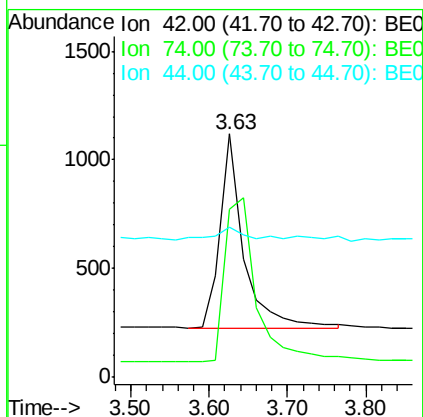
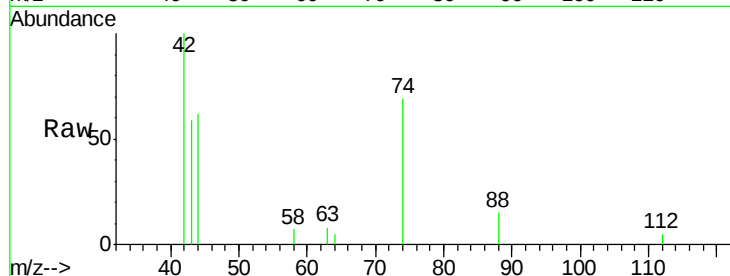
n-Nitrosodimethylamine
 Concen: 0.33 ng
 RT: 3.63 min Scan# 60
 Delta R.T. -0.00 min
 Lab File: BE091874.D
 Acq: 26 May 2016 00:52

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
42	100		
74	114.8	93.4	140.0
44	8.7	5.0	7.6#

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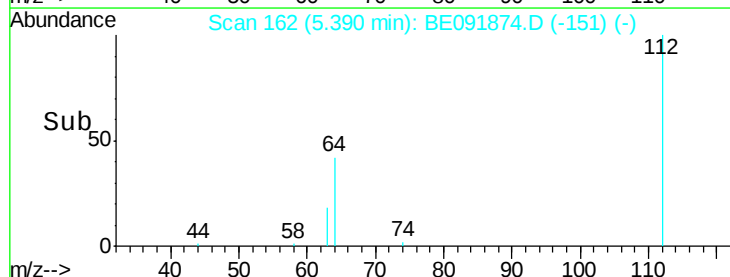
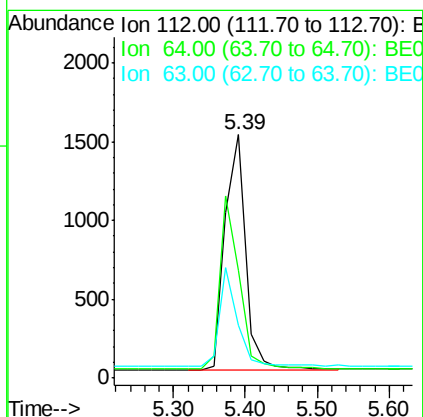
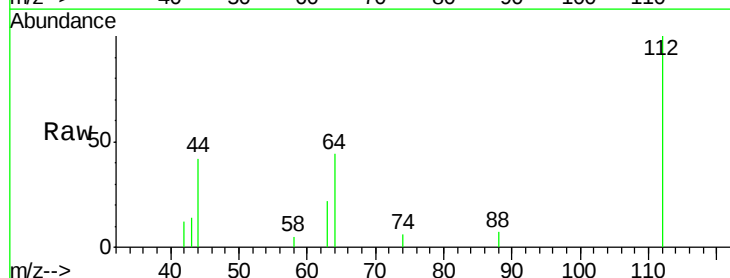
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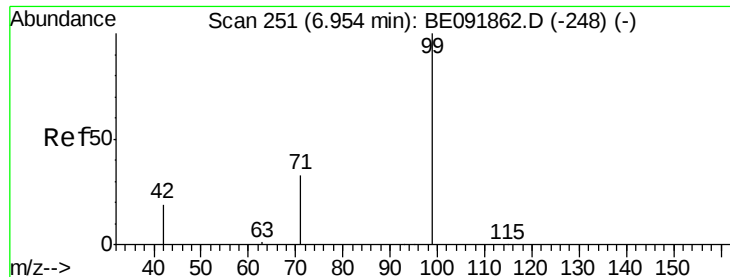


#4

2-Fluorophenol
 Concen: 0.35 ng
 RT: 5.39 min Scan# 162
 Delta R.T. -0.00 min
 Lab File: BE091874.D
 Acq: 26 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.1	53.7	80.5
63	35.8	29.5	44.3





#5

Phenol-d6

Concen: 0.39 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Instrument :

BNA_E

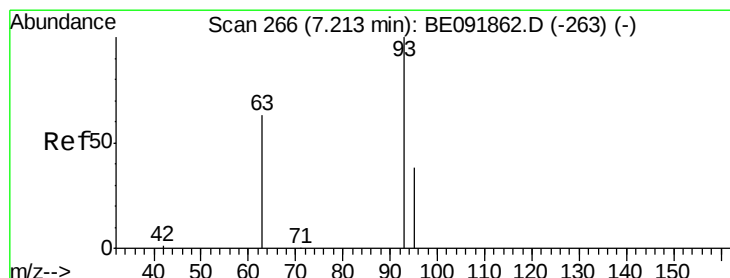
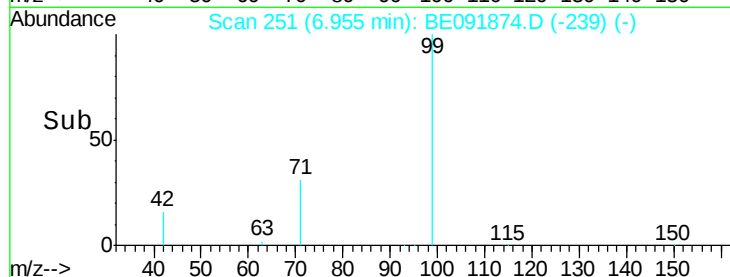
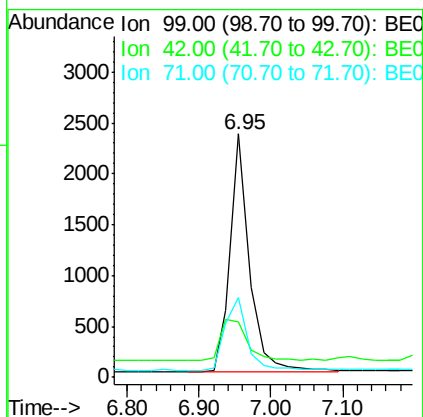
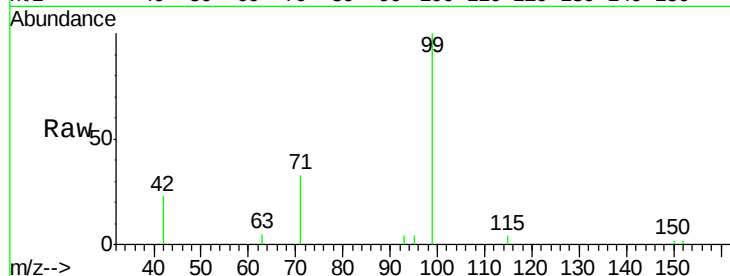
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	99	Resp:	4390
Ion	Ratio	Lower	Upper
99	100		
42	23.7	19.6	29.4
71	35.3	28.1	42.1

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#6

bis(2-Chloroethyl)ether

Concen: 0.37 ng

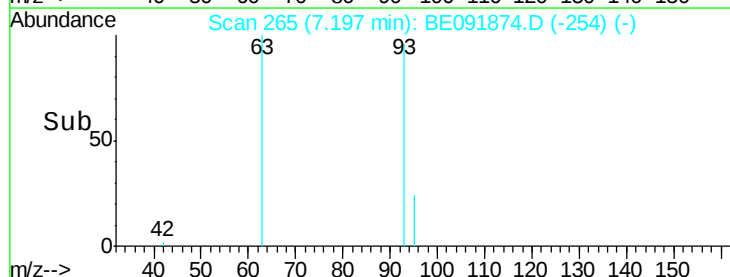
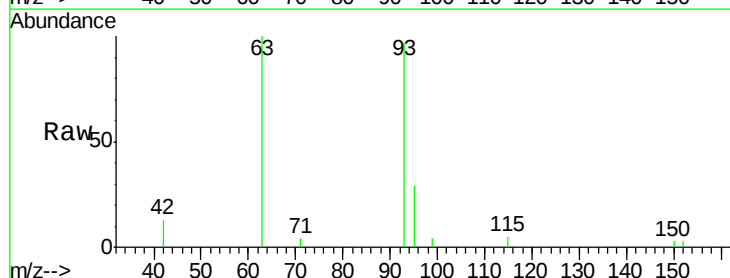
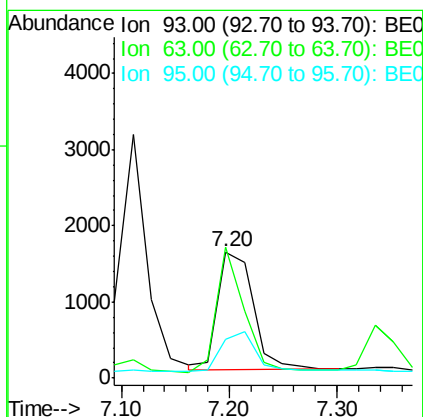
RT: 7.20 min Scan# 265

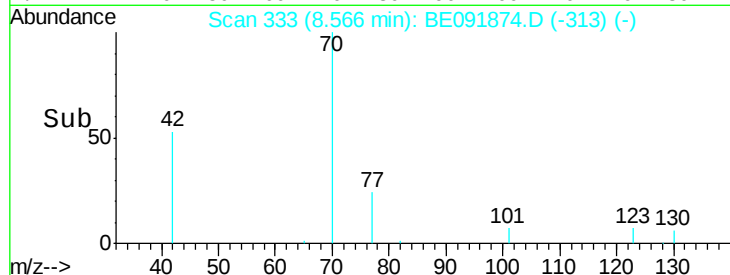
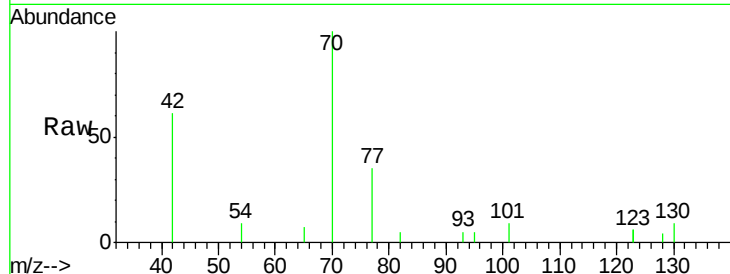
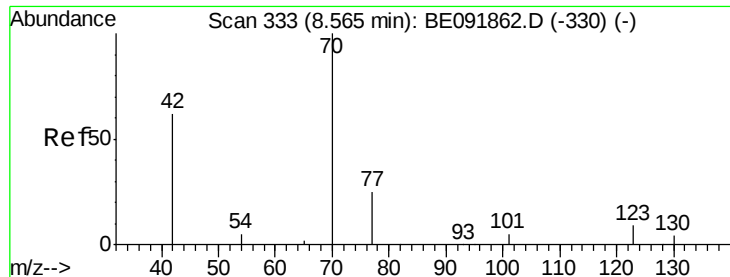
Delta R.T. -0.02 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Tgt Ion:	93	Resp:	3522
Ion	Ratio	Lower	Upper
93	100		
63	83.5	66.2	99.4
95	32.3	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 0.37 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Instrument :

BNA_E

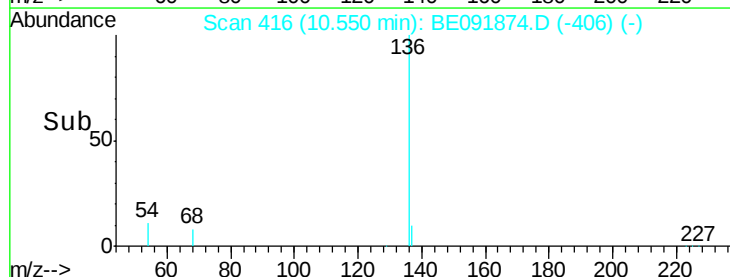
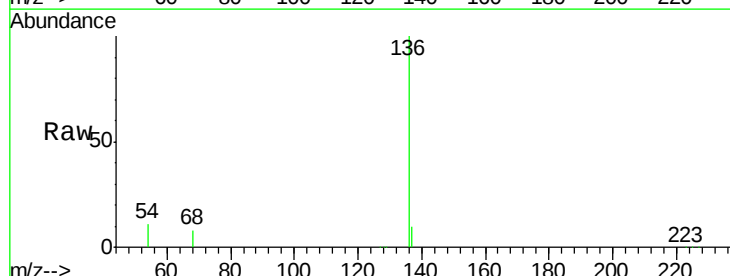
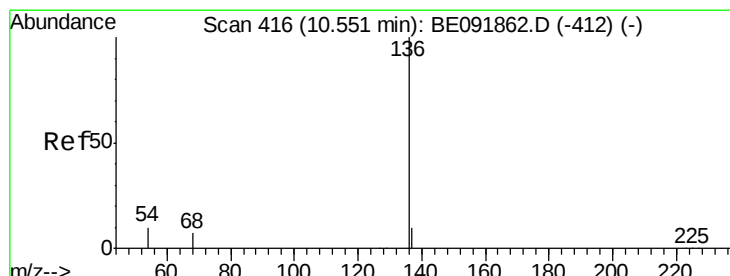
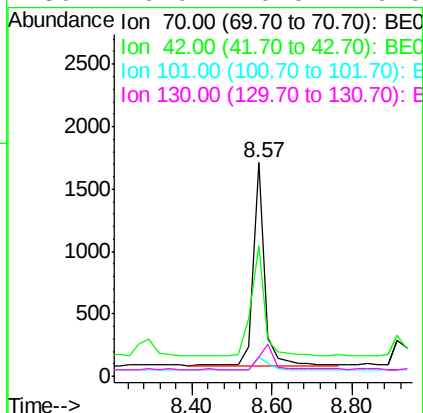
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	70	Resp:	3213
Ion	Ratio	Lower	Upper
70	100		
42	67.3	58.4	87.6
101	8.4	6.4	9.6
130	0.0	0.0	0.0

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#8

Naphthalene-d8

Concen: 5.00 ng

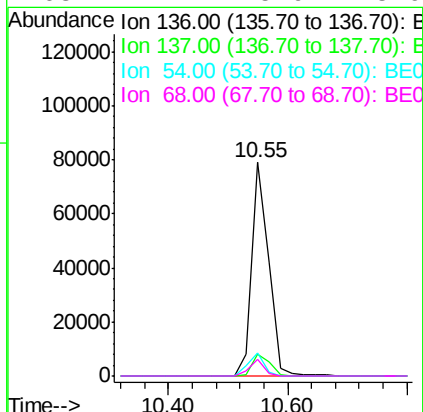
RT: 10.55 min Scan# 416

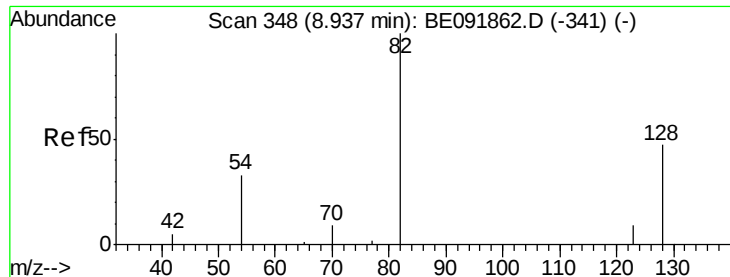
Delta R.T. -0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Tgt Ion:	136	Resp:	153672
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.3	12.5
54	10.6	8.2	12.4
68	7.7	5.9	8.9





#9

Nitrobenzene-d5

Concen: 0.37 ng

RT: 8.94 min Scan# 348

Delta R.T. 0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Instrument :

BNA_E

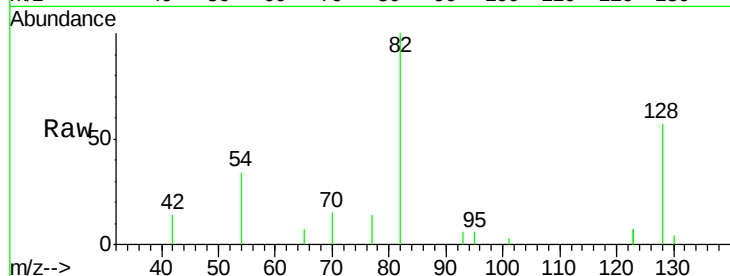
ClientSampleId :

SSTDCCC0.4EC

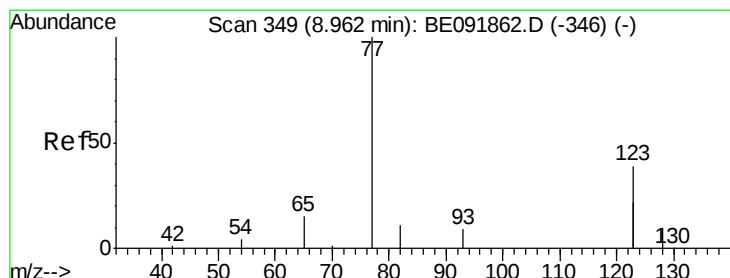
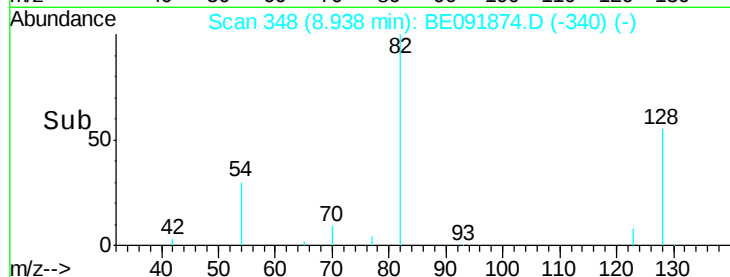
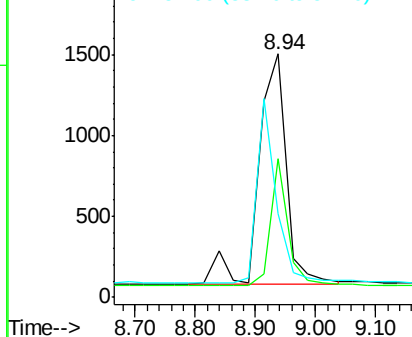
Tot Ion:	82	Resp:	4596
Ion	Ratio	Lower	Upper
82	100		
128	57.1	39.5	59.3
54	34.4	30.3	45.5

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: 0.37 ng

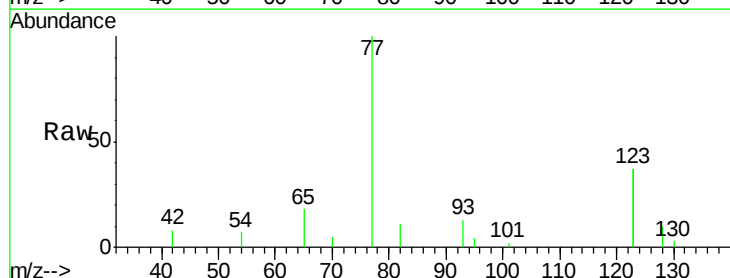
RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

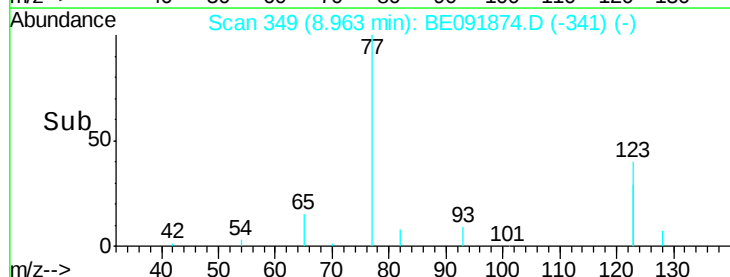
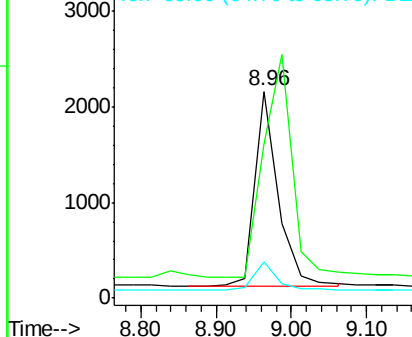
Lab File: BE091874.D

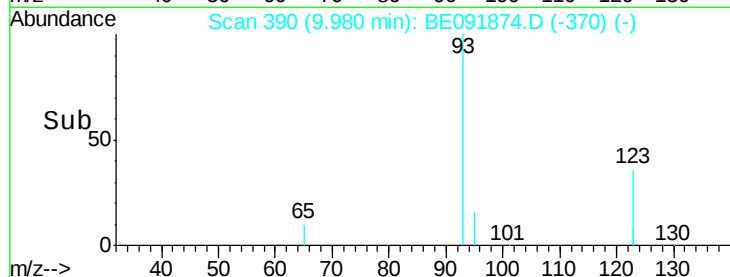
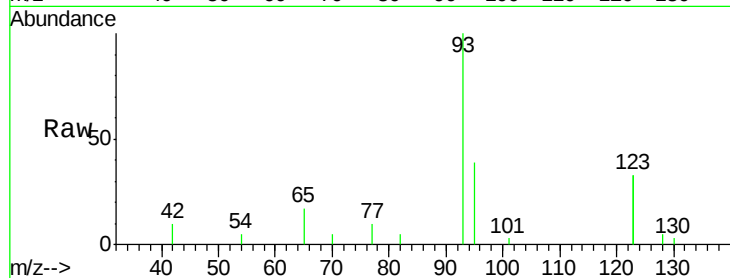
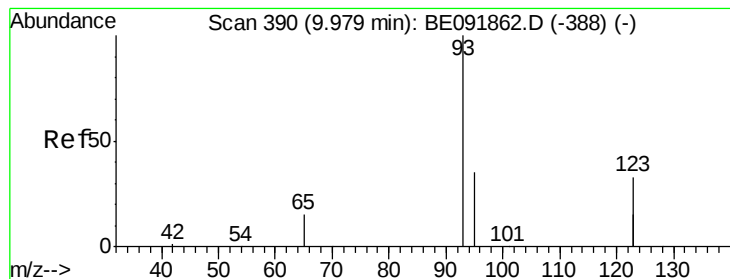
Acq: 26 May 2016 00:52

Tgt Ion:	77	Resp:	4425
Ion	Ratio	Lower	Upper
77	100		
123	0.0	0.0	0.0
65	13.9	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: 0.31 ng/mL

RT: 9.98 min Scan# 390

Delta R.T. 0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion: 93 Resp: 4478

Ion Ratio Lower Upper

93 100

95 59.4 57.6 86.4

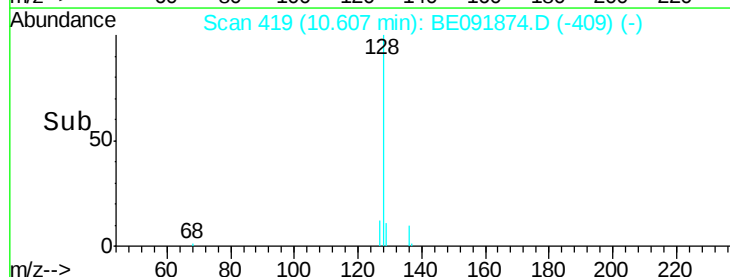
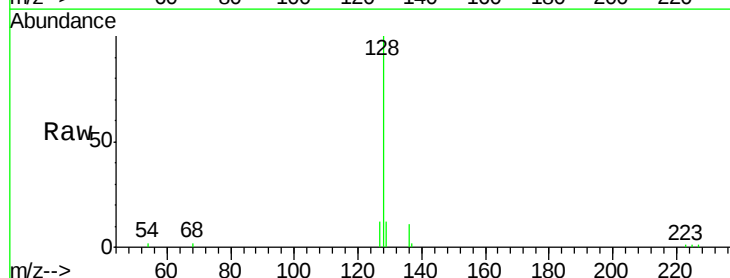
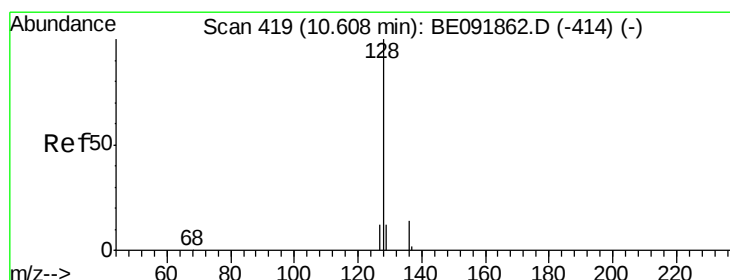
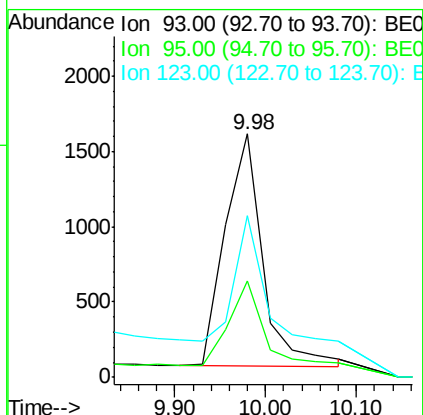
123 103.1 100.2 150.4

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#12

Naphthalene

Concen: 0.39 ng/mL

RT: 10.61 min Scan# 419

Delta R.T. -0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

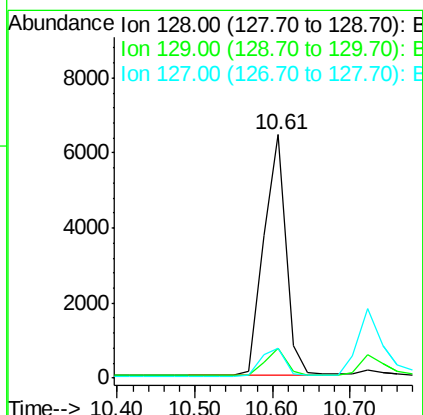
Tgt Ion: 128 Resp: 12918

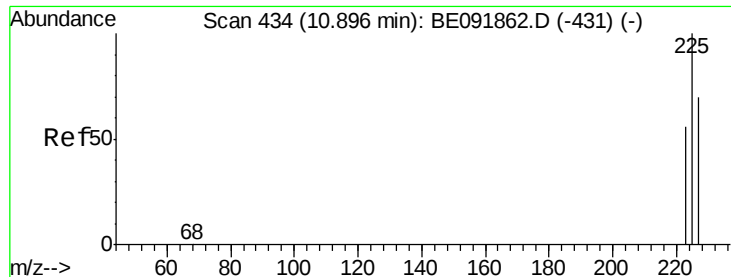
Ion Ratio Lower Upper

128 100

129 12.2 10.4 15.6

127 12.4 10.2 15.2





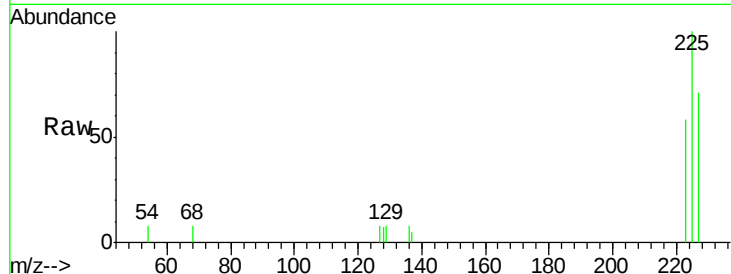
#13
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.90 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

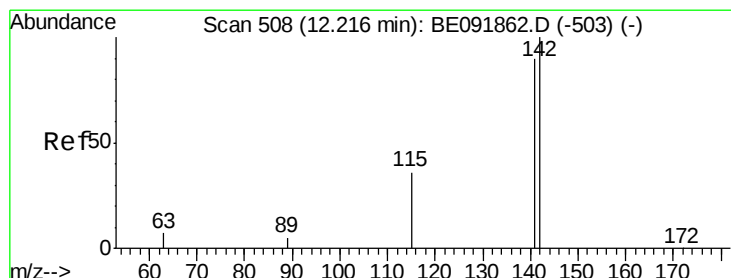
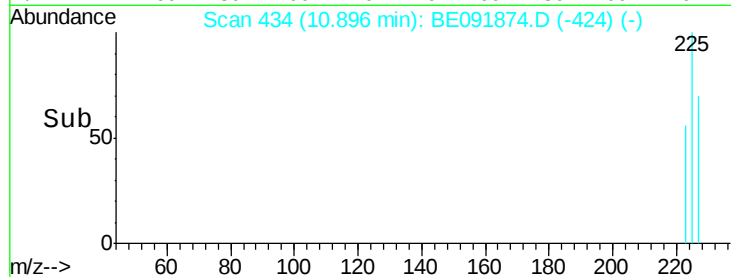
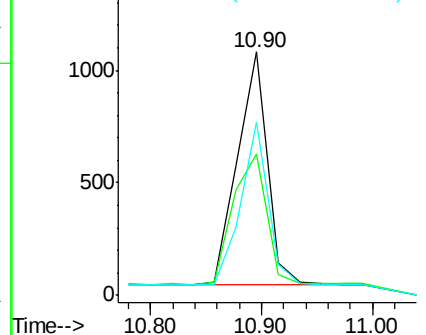
Tot Ion:225	Resp:	1960
Ion Ratio	Lower	Upper
225 100		
223 62.7	49.8	74.8
227 64.3	50.6	75.8

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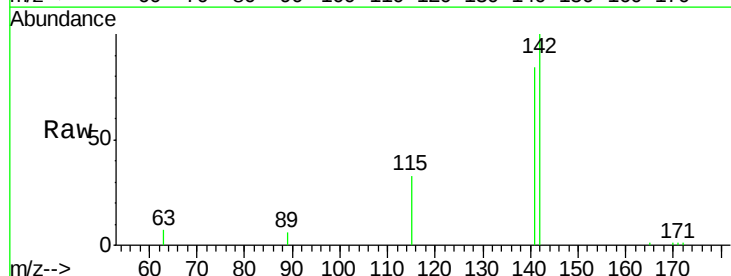


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

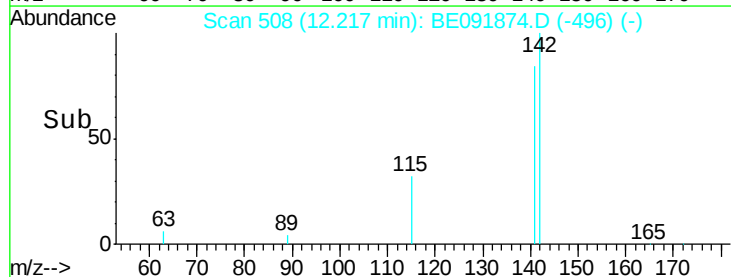
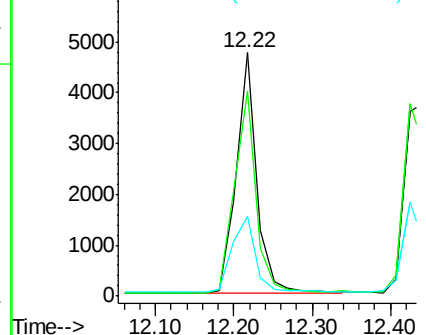


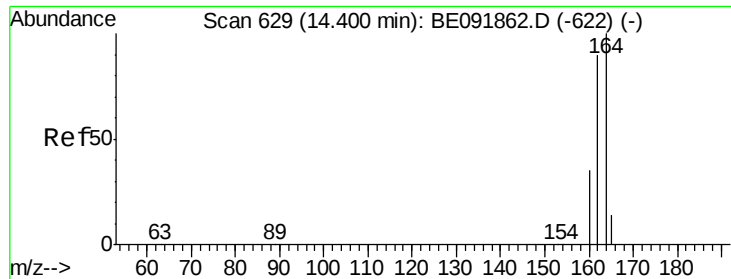
#14
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.22 min Scan# 508
Delta R.T. 0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Tgt Ion:142	Resp:	8551
Ion Ratio	Lower	Upper
142 100		
141 84.4	71.9	107.9
115 32.8	29.9	44.9



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E





#15

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.40 min Scan# 629

Delta R.T. -0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:164 Resp: 95198

Ion Ratio Lower Upper

164 100

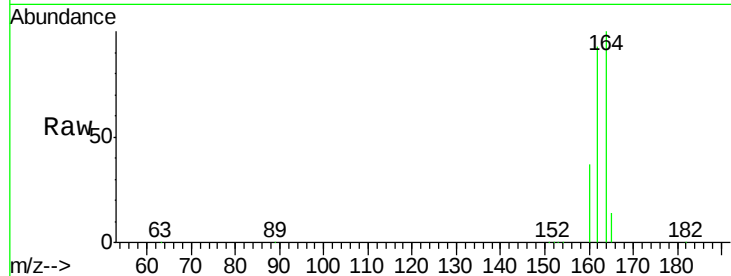
162 93.2 71.8 107.8

160 37.0 28.0 42.0

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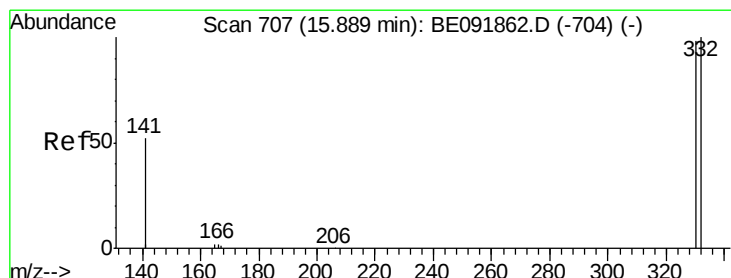
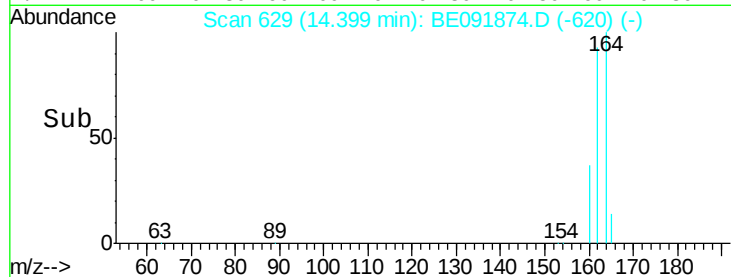
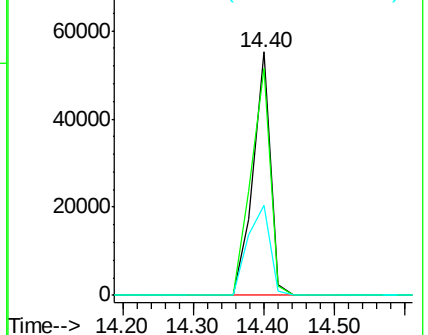
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 0.32 ng

RT: 15.89 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

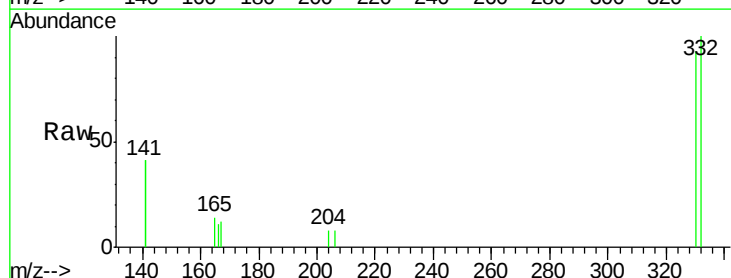
Tgt Ion:330 Resp: 1340

Ion Ratio Lower Upper

330 100

332 96.5 77.0 115.6

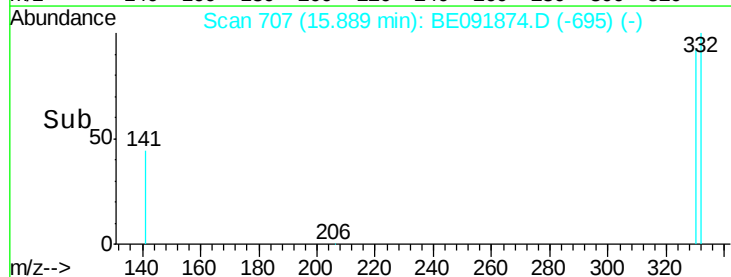
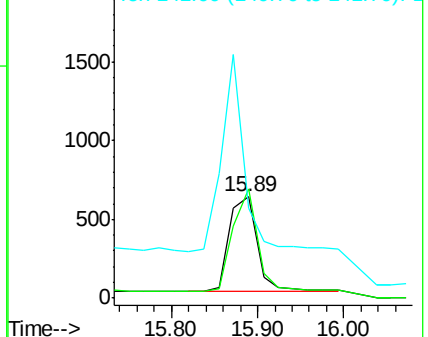
141 171.9 138.4 207.6

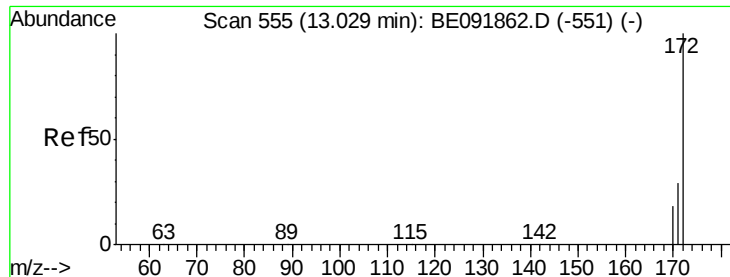


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





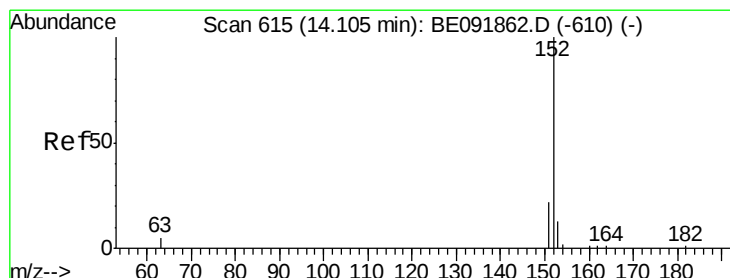
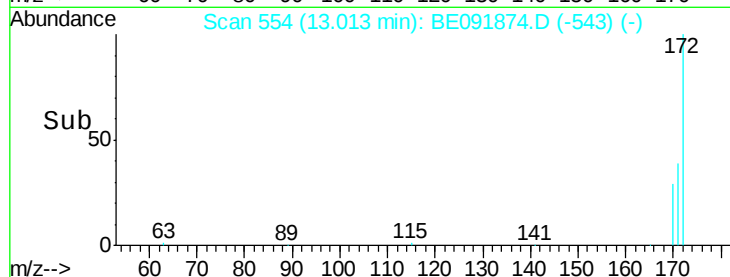
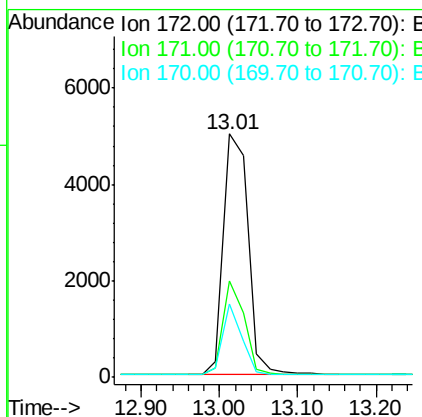
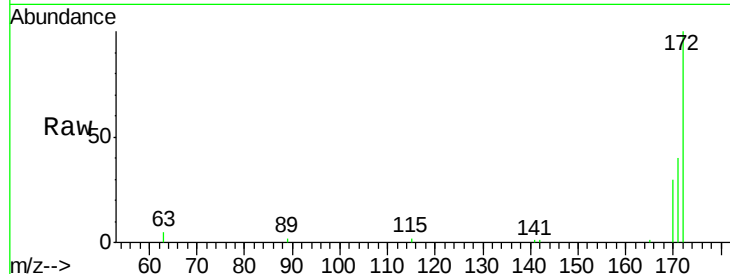
#17
2-Fluorobiphenyl
Concen: 0.39 ng
RT: 13.01 min Scan# 554
Delta R.T. -0.02 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.7	24.3	36.5#
170	30.0	14.9	22.3#

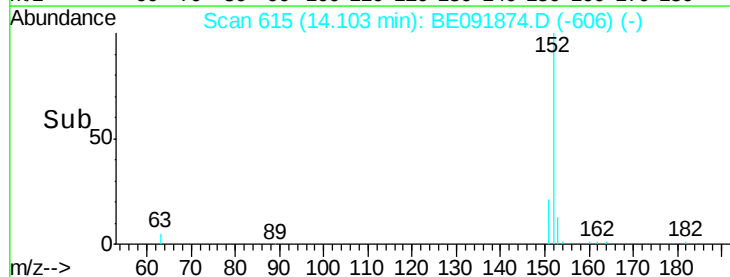
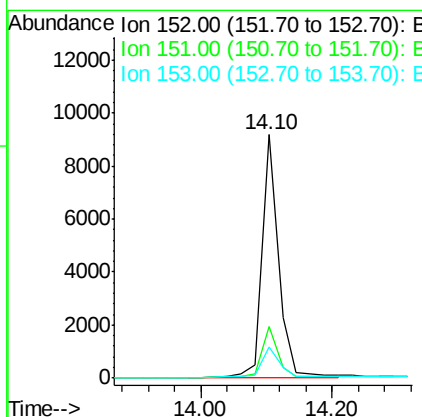
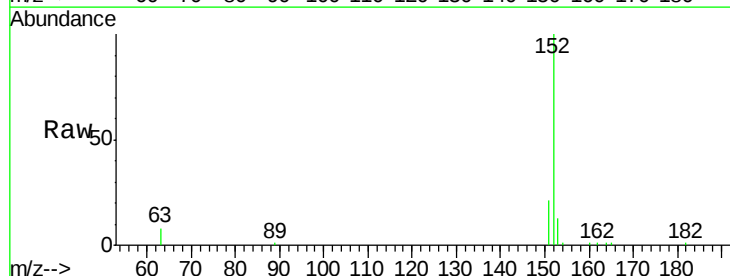
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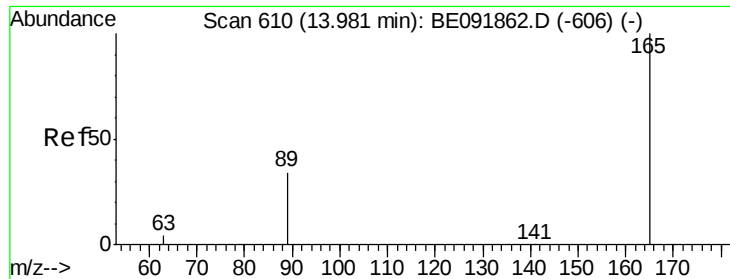
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#18
Acenaphthylene
Concen: 0.39 ng
RT: 14.10 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.9	19.4	29.2
153	16.4	14.4	21.6





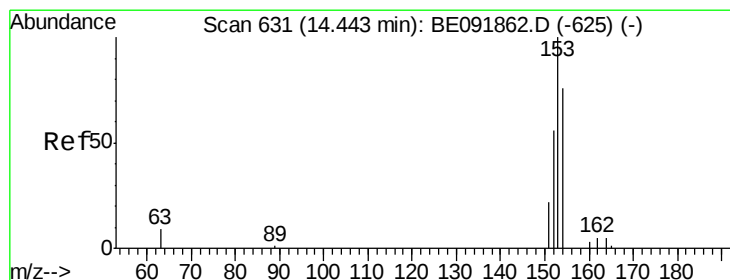
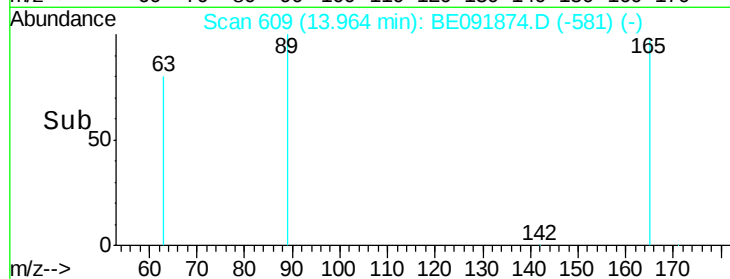
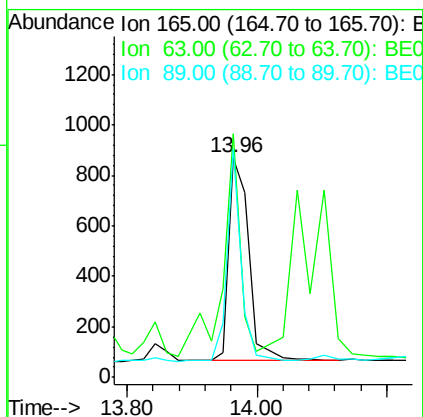
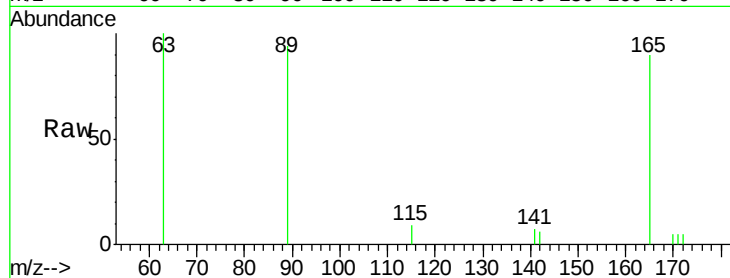
#19
2,6-Dinitrotoluene
Concen: 0.31 ng
RT: 13.96 min Scan# 609
Delta R.T. -0.02 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Resp	Lower	Upper
165	100	1993		
63	86.1		65.9	98.9
89	76.1		59.1	88.7

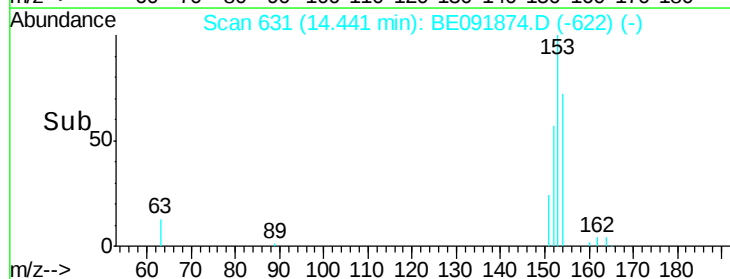
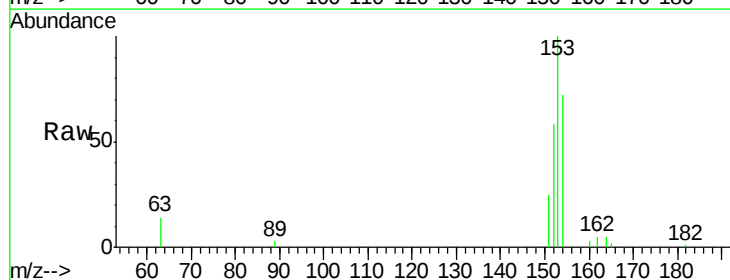
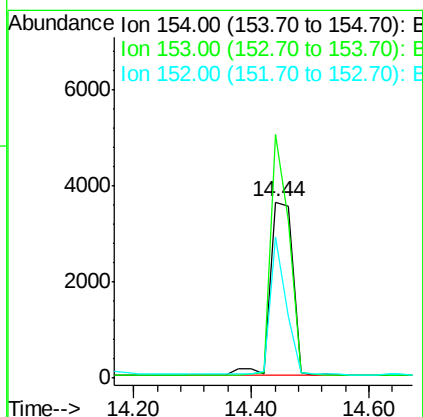
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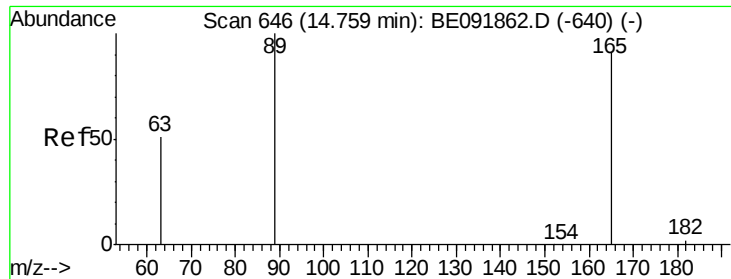
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#20
Acenaphthene
Concen: 0.39 ng
RT: 14.44 min Scan# 631
Delta R.T. -0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	9659		
153	111.0		88.1	132.1
152	54.7		44.2	66.2





#21

2,4-Dinitrotoluene

Concen: 0.43 ng

RT: 14.76 min Scan# 646

Delta R.T. -0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Instrument :

BNA_E

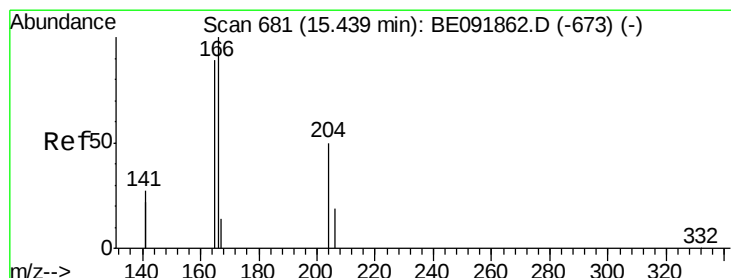
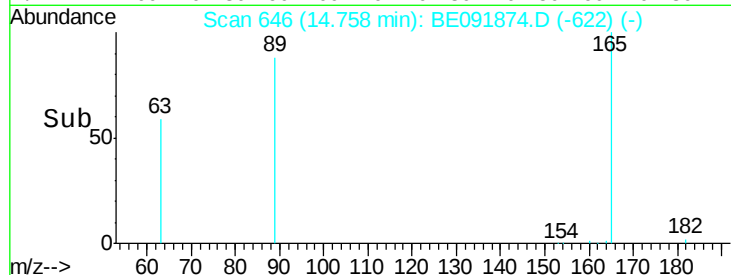
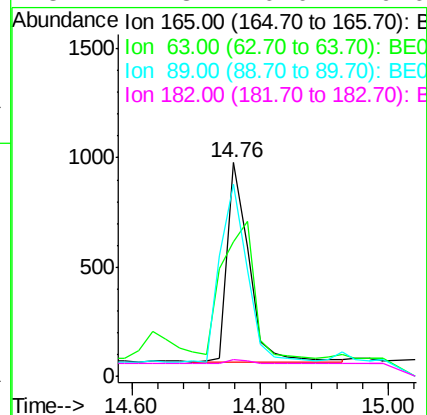
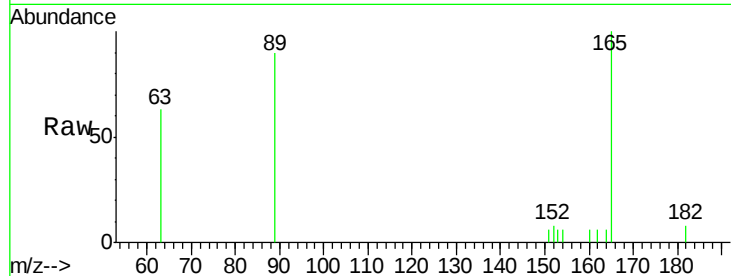
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	123.7	99.8	149.8
182	2.3	0.0	0.0#

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#22

Fluorene

Concen: 0.37 ng

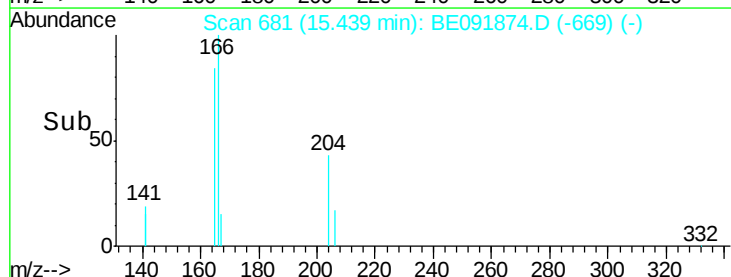
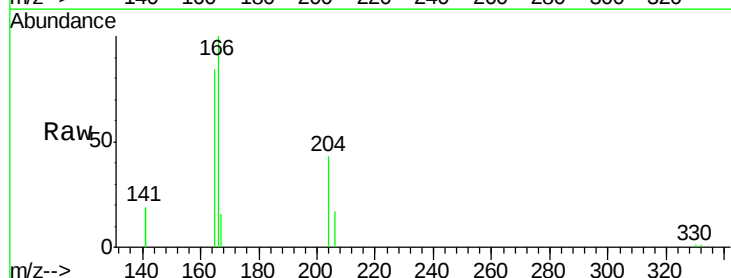
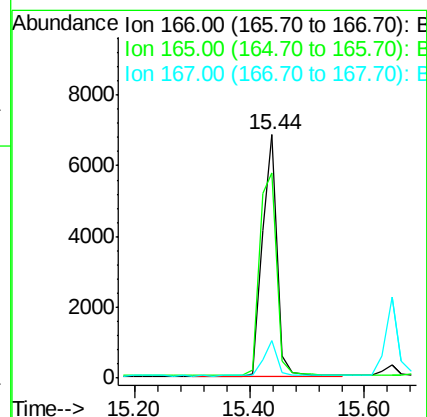
RT: 15.44 min Scan# 681

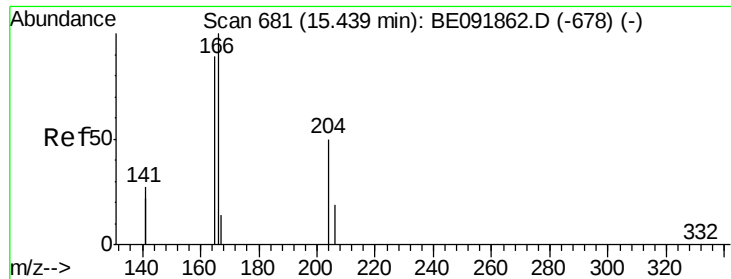
Delta R.T. 0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.0	78.6	117.8
167	13.9	10.8	16.2





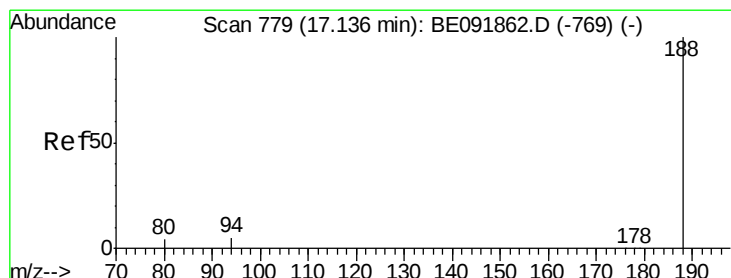
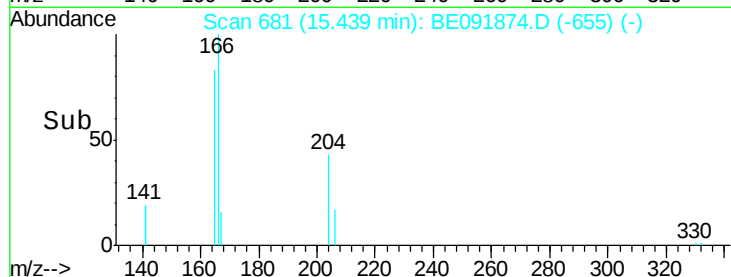
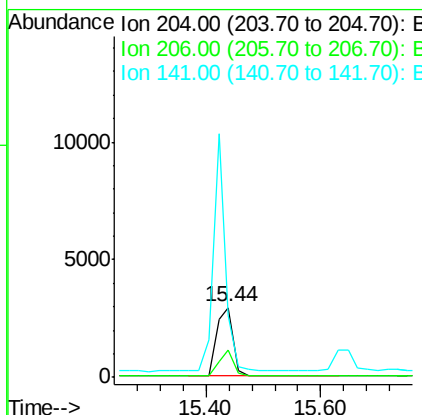
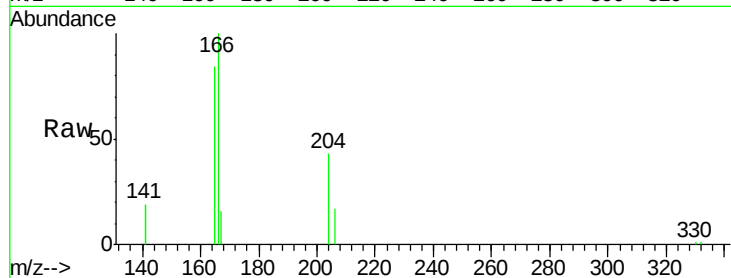
#23
4-Chlorophenyl-phenylether
Concen: 0.33 ng
RT: 15.44 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	27.8	41.6
141	248.2	197.6	296.4

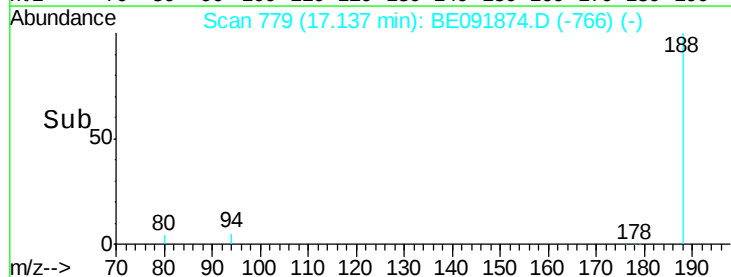
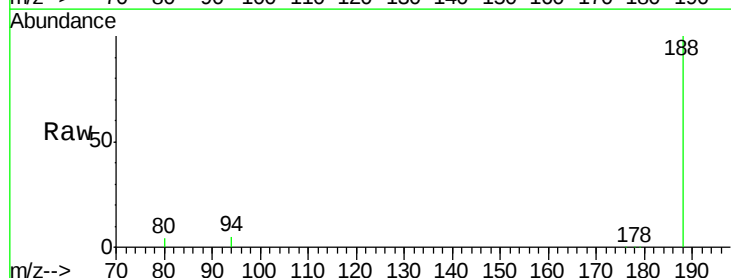
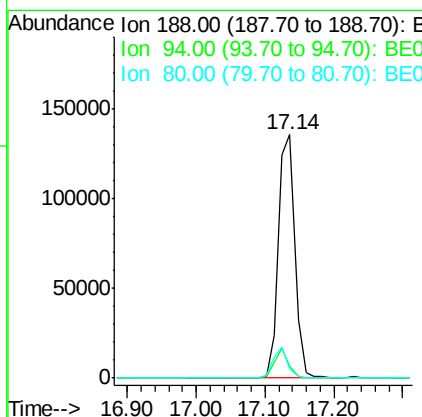
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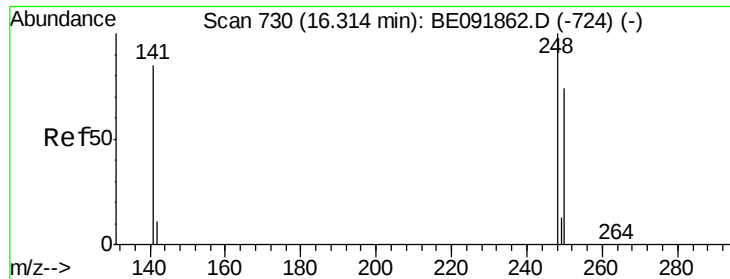
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.7	4.1	6.1
80	3.8	3.4	5.2





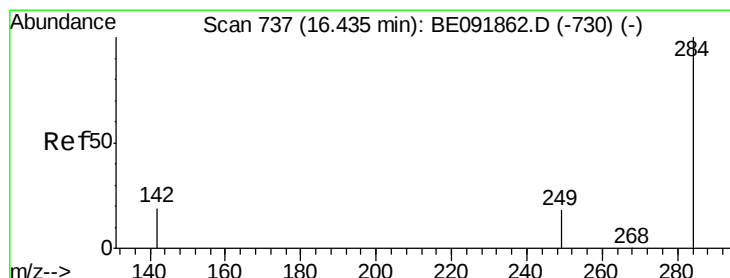
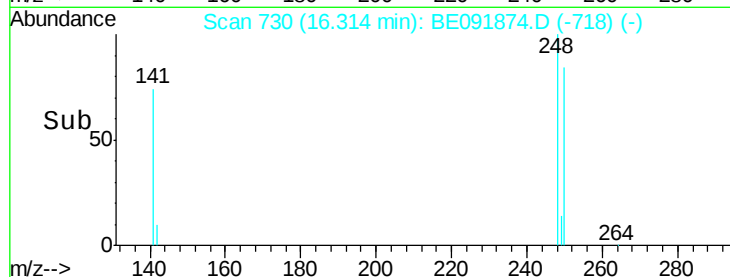
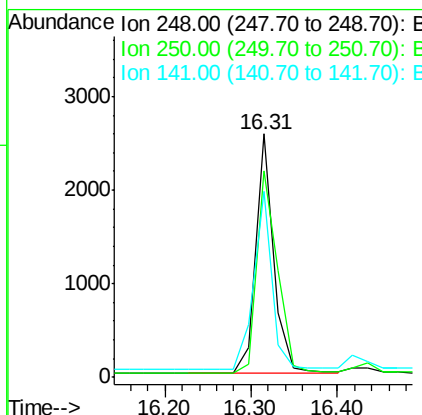
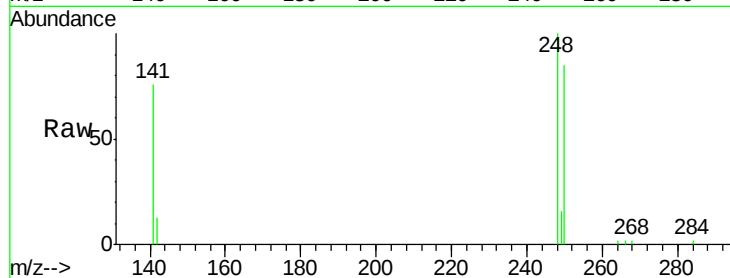
#25
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.31 min Scan# 730
Delta R.T. 0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.4	75.7	113.5
141	77.5	64.6	97.0

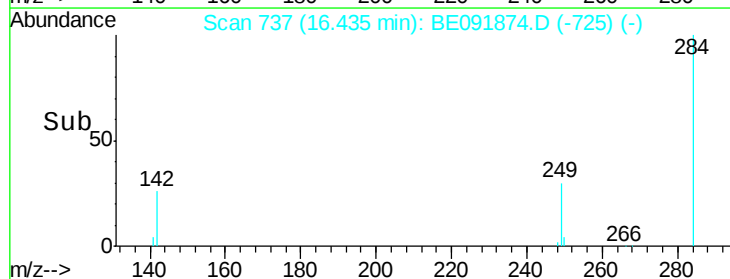
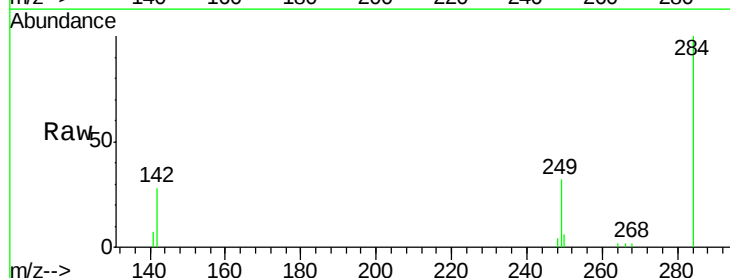
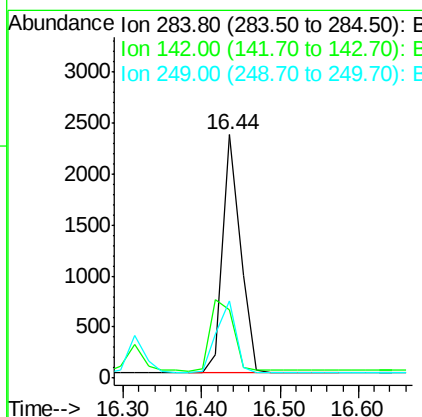
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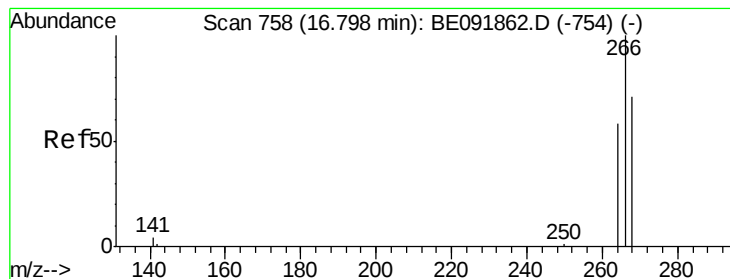
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#26
Hexachlorobenzene
Concen: 0.41 ng
RT: 16.44 min Scan# 737
Delta R.T. 0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.4	31.4	47.2
249	32.6	25.3	37.9





#27

Pentachlorophenol

Concen: 0.38 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.02 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Instrument :

BNA_E

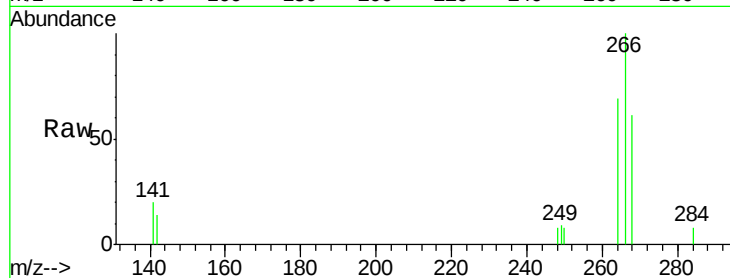
ClientSampleId :

SSTDCCC0.4EC

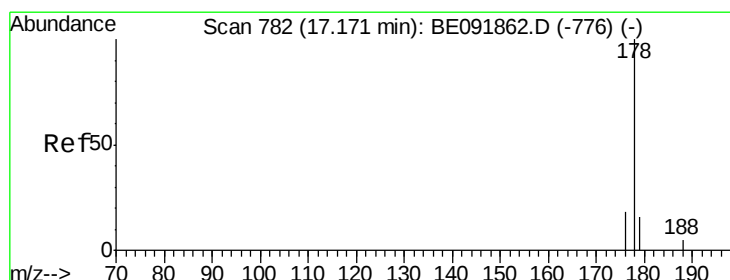
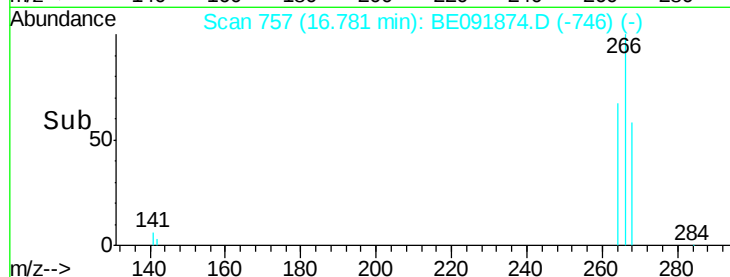
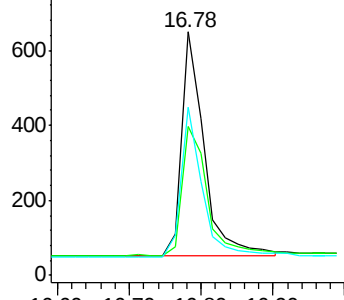
Tot Ion:	266	Resp:	1303
Ion Ratio	Lower	Upper	
266	100		
268	61.3	60.5	90.7
264	69.0	51.0	76.4

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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: 0.37 ng

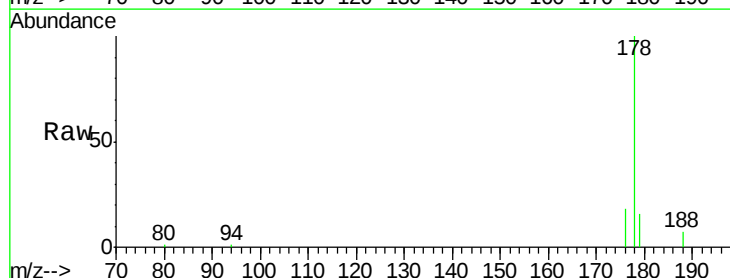
RT: 17.17 min Scan# 782

Delta R.T. 0.00 min

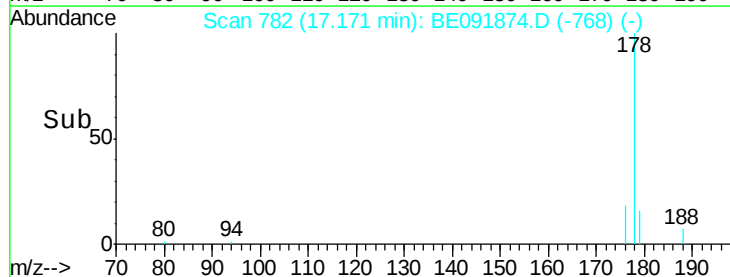
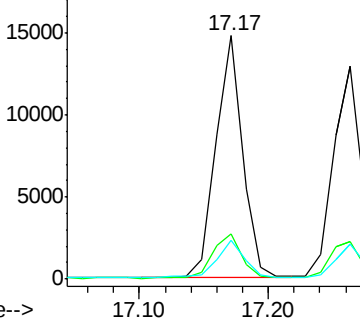
Lab File: BE091874.D

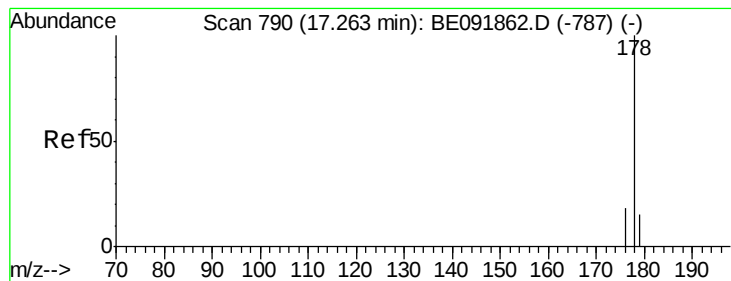
Acq: 26 May 2016 00:52

Tgt Ion:	178	Resp:	21536
Ion Ratio	Lower	Upper	
178	100		
176	19.2	15.4	23.2
179	16.2	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: 0.39 ng

RT: 17.26 min Scan# 790

Delta R.T. 0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Instrument :

BNA_E

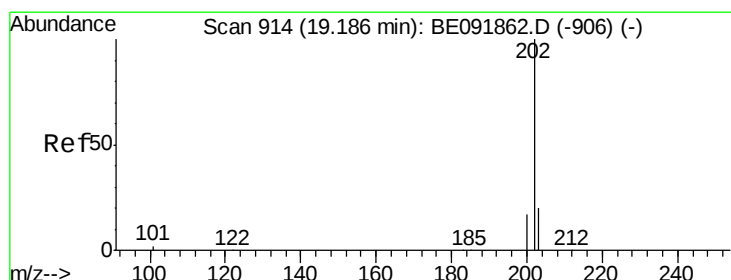
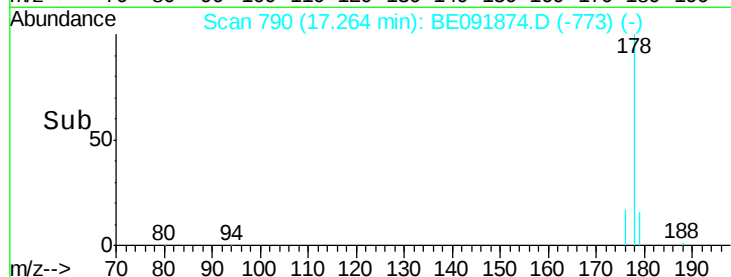
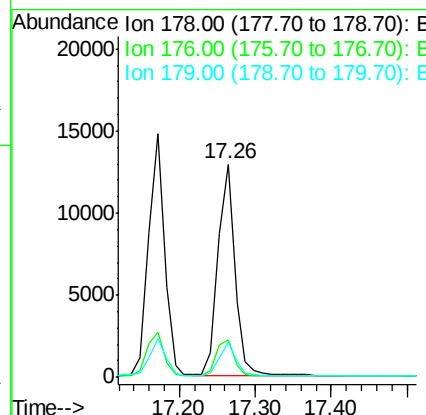
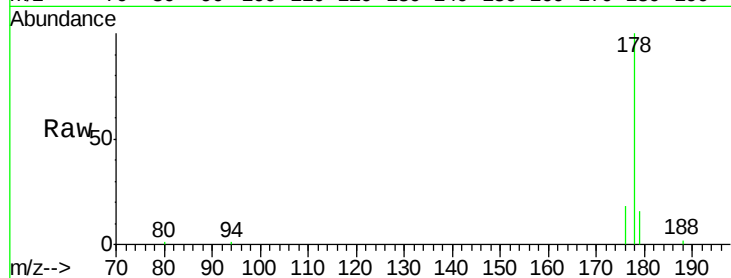
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	178	Resp:	20257
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.4	12.1	18.1

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#30

Fluoranthene

Concen: 0.33 ng

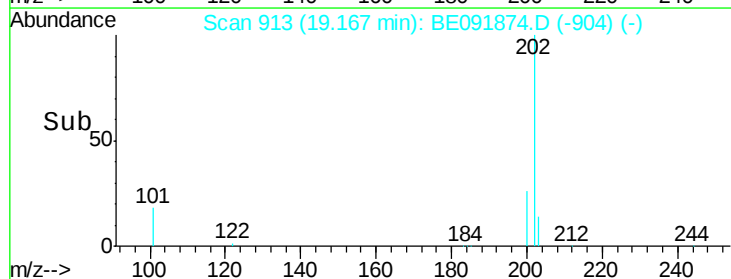
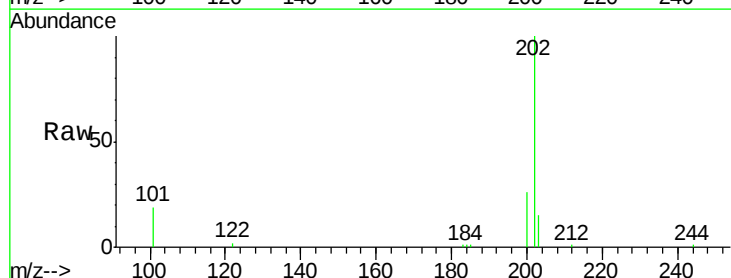
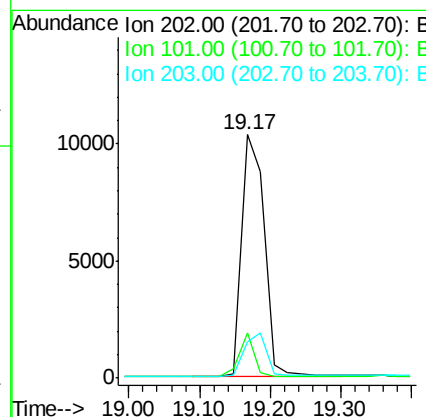
RT: 19.17 min Scan# 913

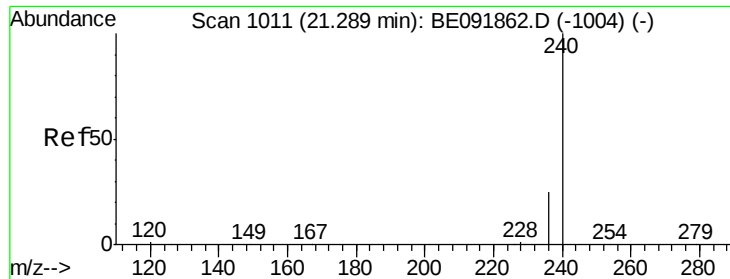
Delta R.T. -0.02 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Tgt Ion:	202	Resp:	23088
Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.4	14.0
203	17.9	14.3	21.5





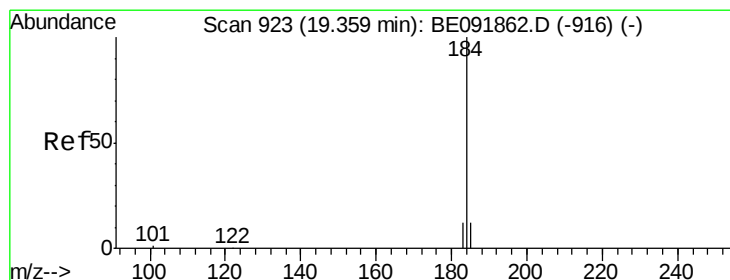
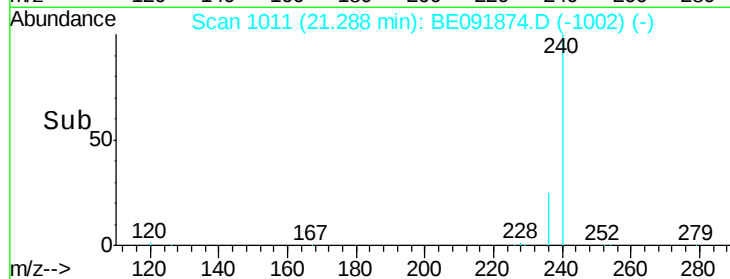
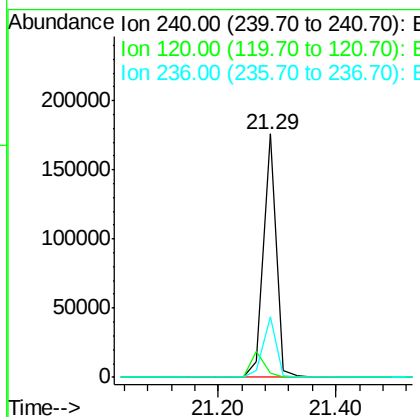
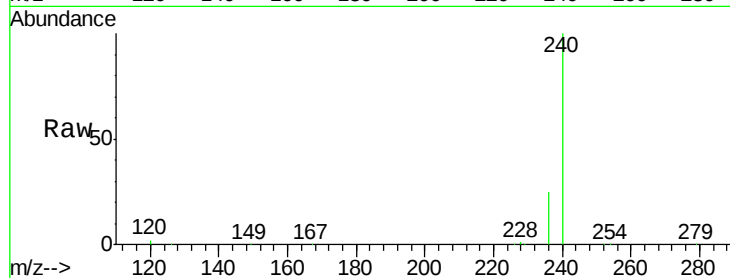
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	1.5	1.2	1.8
236	24.8	19.8	29.8

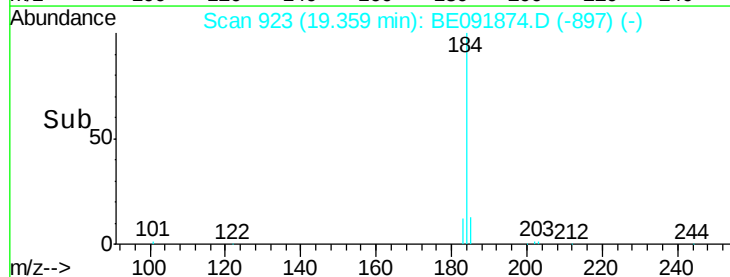
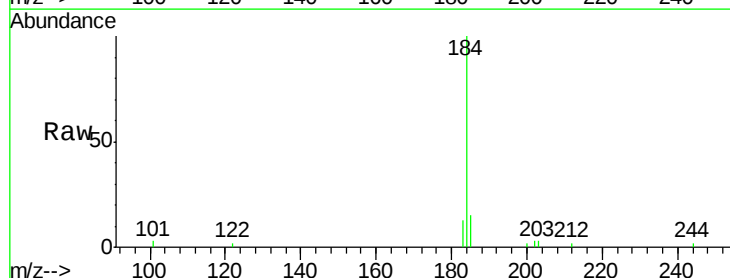
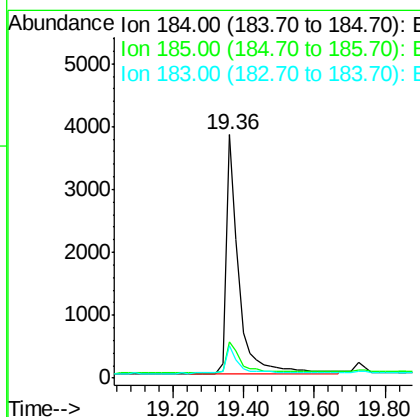
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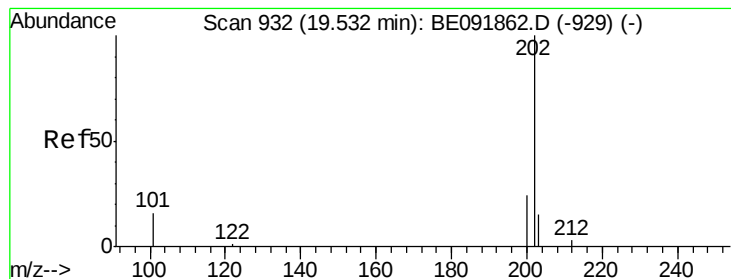
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#32
Benzidine
Concen: 0.49 ng
RT: 19.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.9	11.4	17.2
183	13.5	11.8	17.6





#33

Pvrene

Concen: 0.44 ng

RT: 19.53 min Scan# 932

Delta R.T. 0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Instrument :

BNA_E

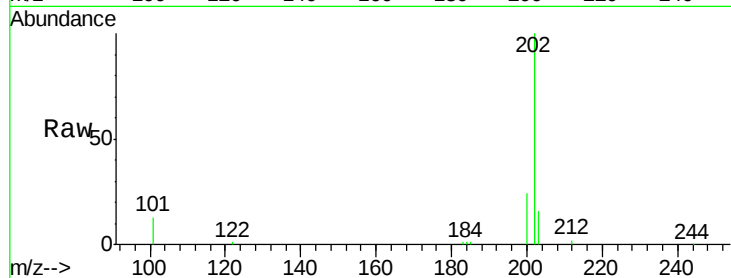
ClientSampleId :

SSTDCCC0.4EC

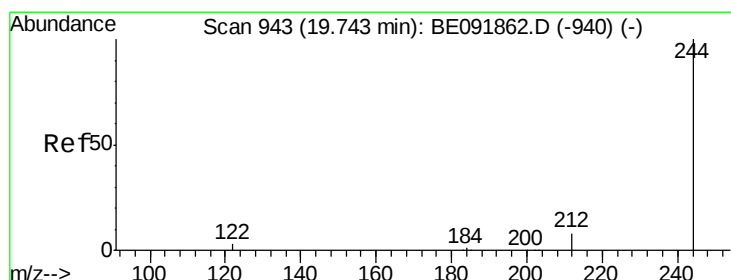
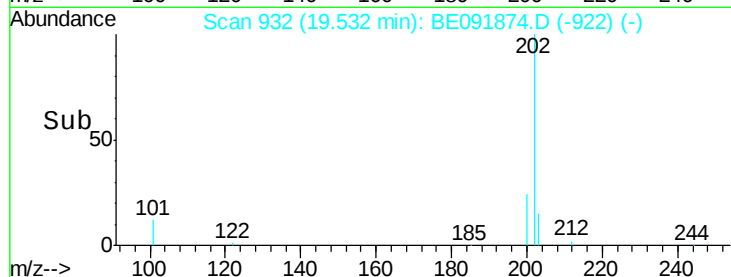
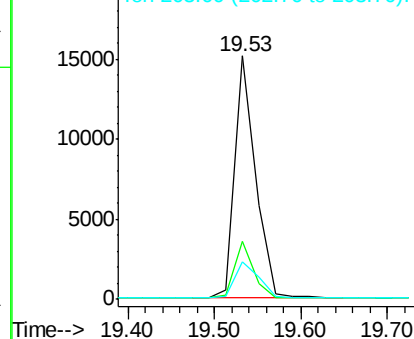
Tot Ion:	202	Resp:	25167
Ion Ratio	Lower	Upper	
202	100		
200	21.6	16.9	25.3
203	17.4	14.1	21.1

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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: 0.42 ng

RT: 19.74 min Scan# 943

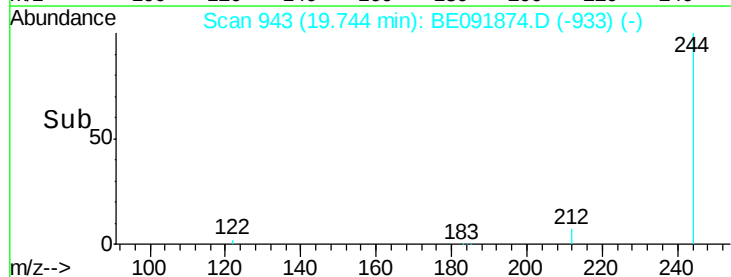
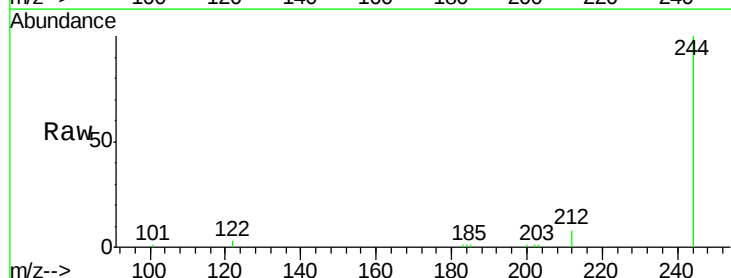
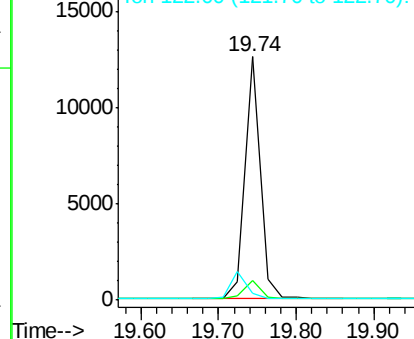
Delta R.T. 0.00 min

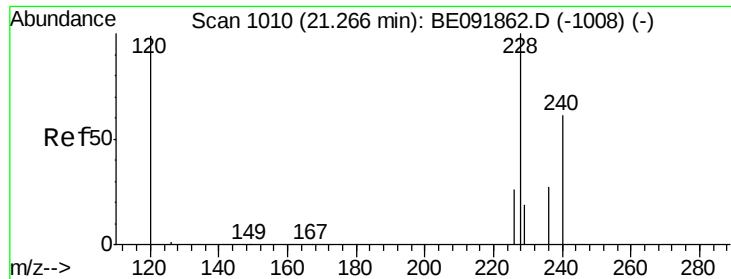
Lab File: BE091874.D

Acq: 26 May 2016 00:52

Tgt Ion:	244	Resp:	16971
Ion Ratio	Lower	Upper	
244	100		
212	7.9	6.5	9.7
122	2.9	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





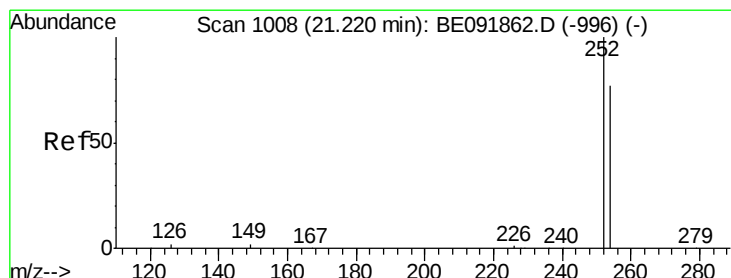
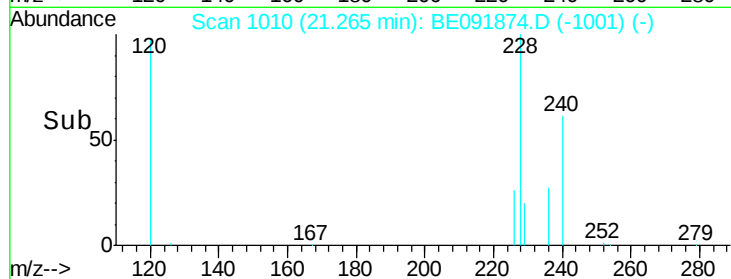
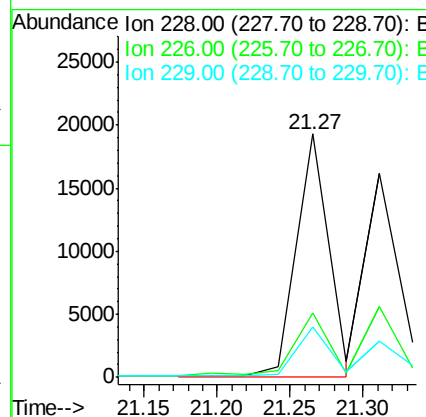
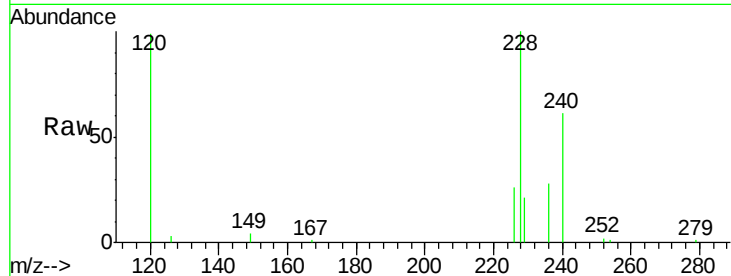
#35
Benzo(a)anthracene
Concen: 0.42 ng m
RT: 21.27 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.2	21.0	31.4
229	20.6	15.8	23.8

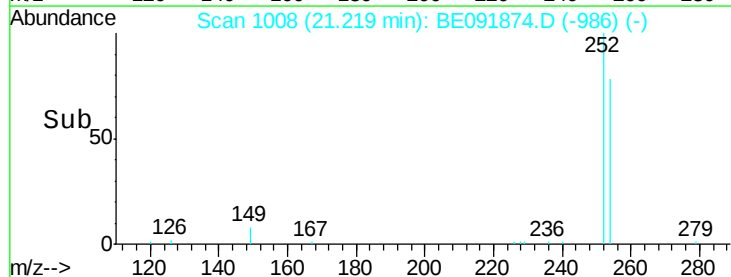
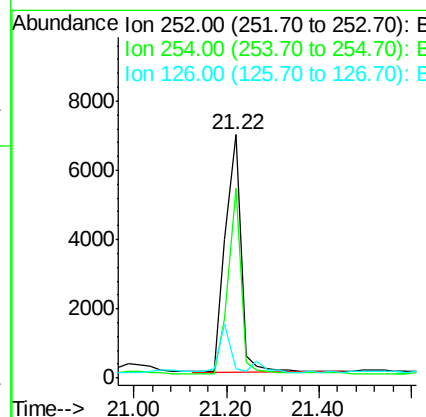
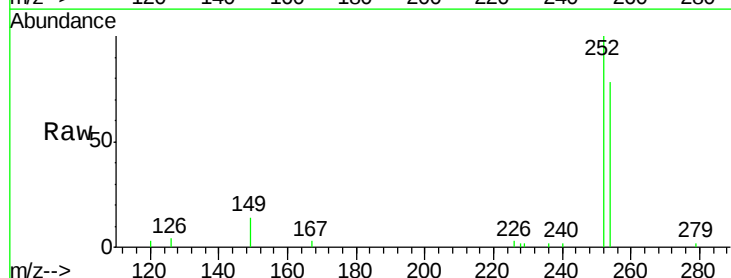
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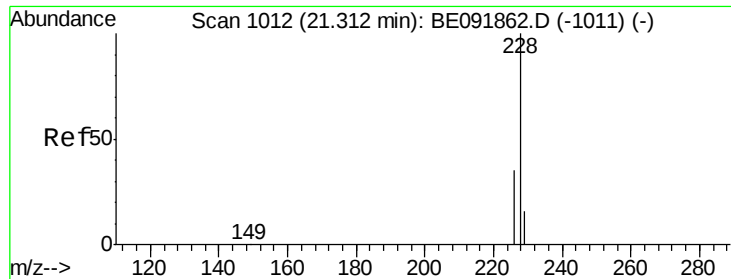
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#36
3,3'-Dichlorobenzidine
Concen: 0.41 ng
RT: 21.22 min Scan# 1008
Delta R.T. -0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
252	100		
254	78.0	61.5	92.3
126	3.8	2.5	3.7#





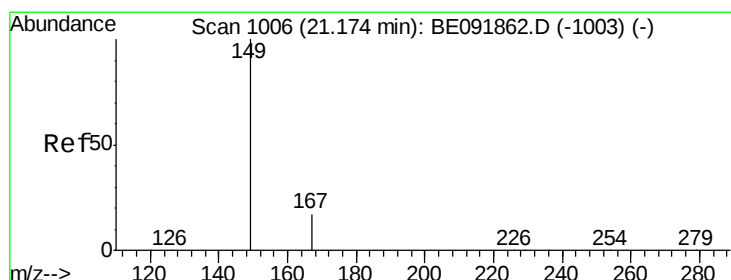
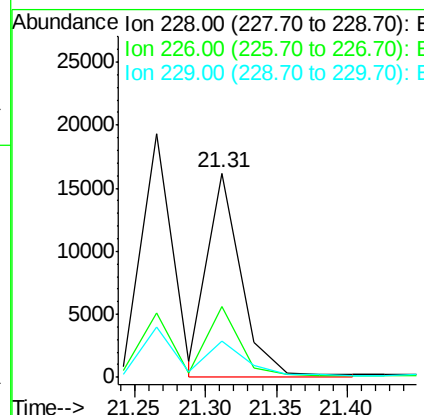
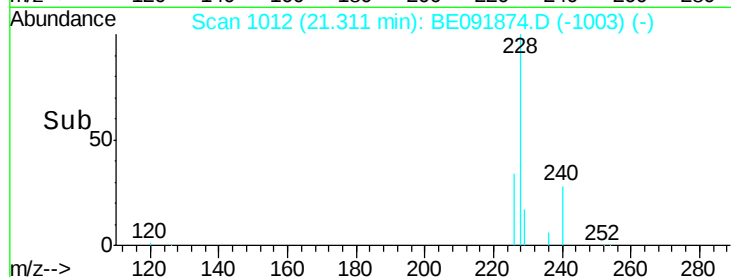
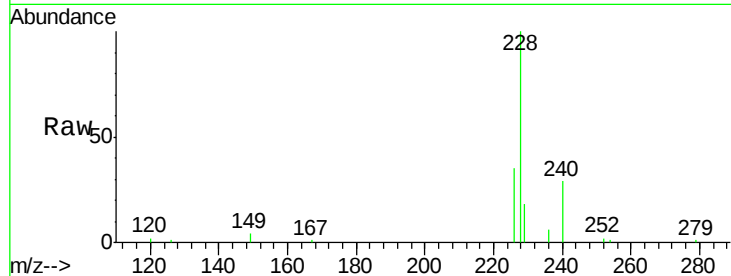
#37
Chrysene
Concen: 0.35 ng m
RT: 21.31 min Scan# 1012
Delta R.T. -0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.7	27.0	40.6
229	18.0	13.8	20.8

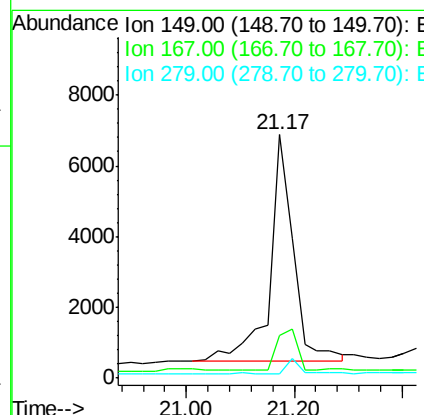
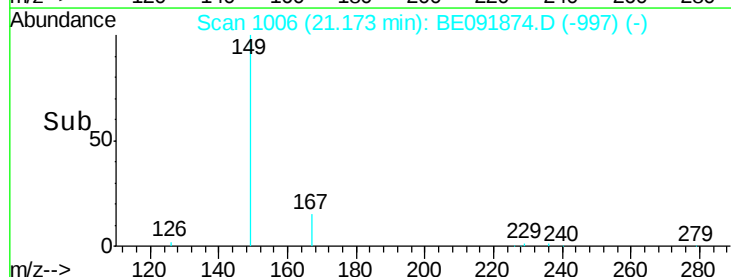
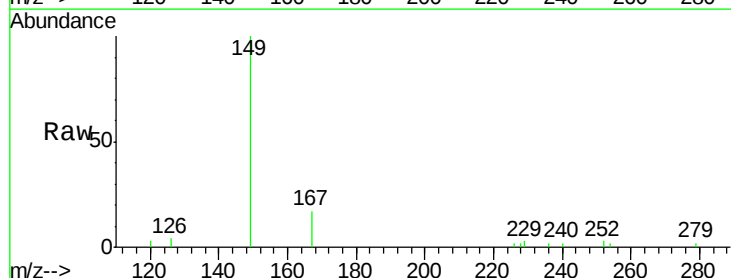
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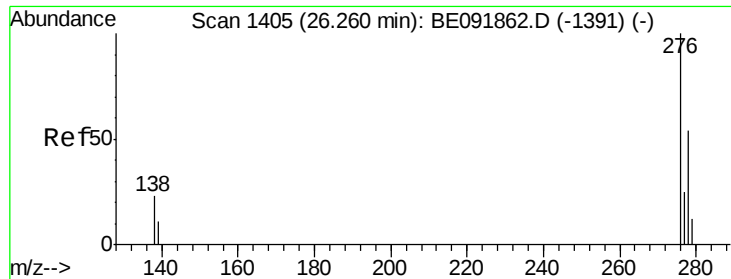
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#38
Bis(2-ethylhexyl)phthalate
Concen: 0.75 ng
RT: 21.17 min Scan# 1006
Delta R.T. -0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

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





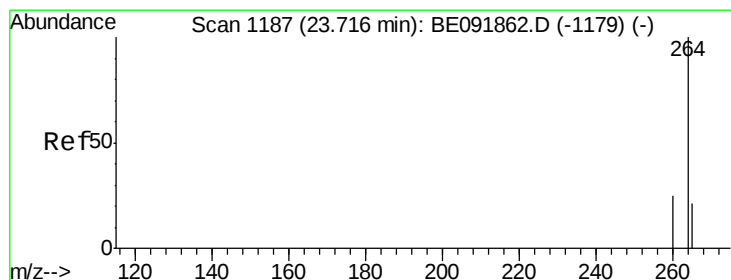
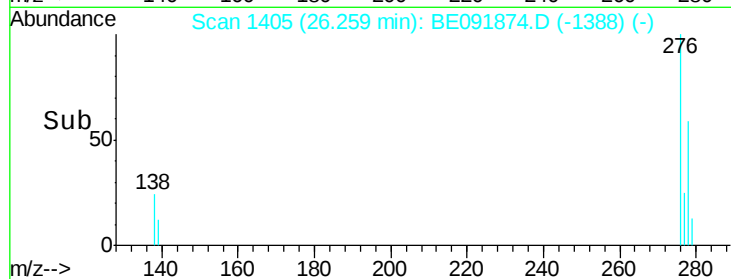
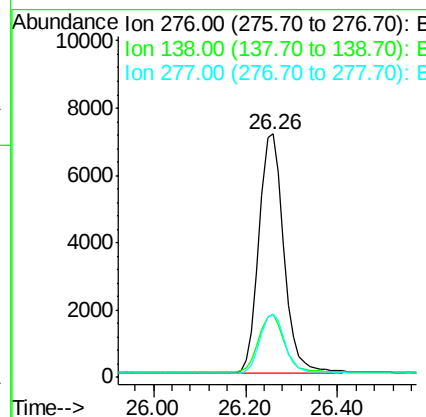
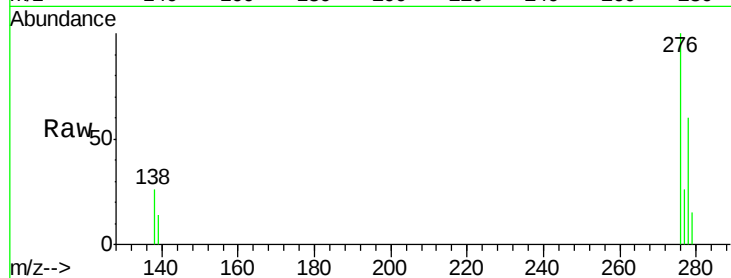
#39
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng
RT: 26.26 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
138	24.9	19.7	29.5
277	24.7	20.1	30.1

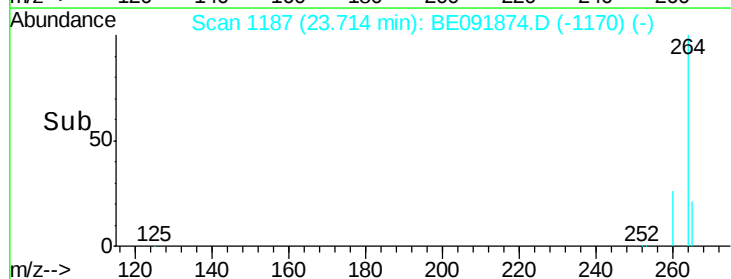
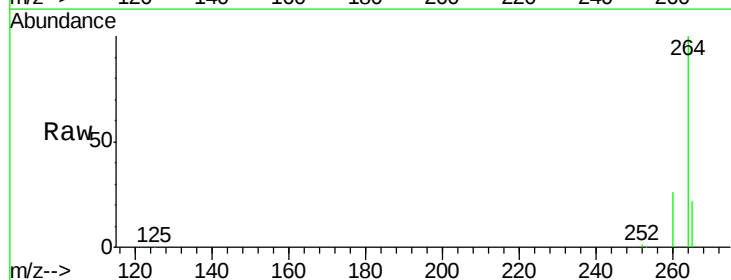
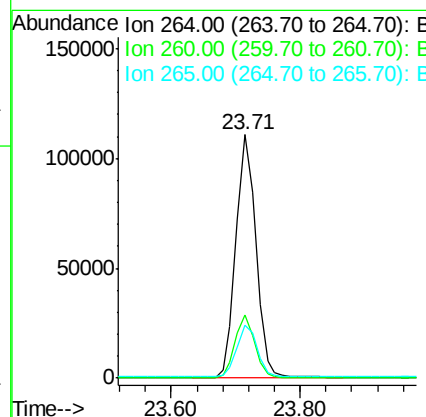
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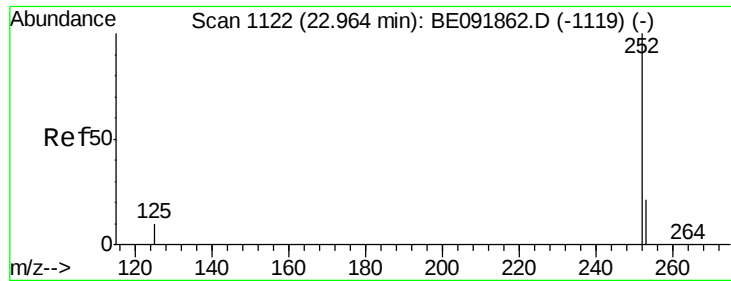
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#40
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.3	30.5
265	21.5	17.6	26.4





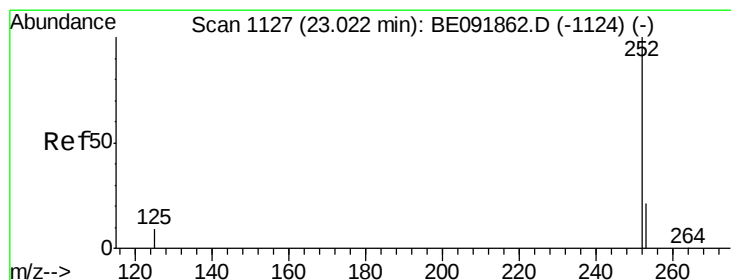
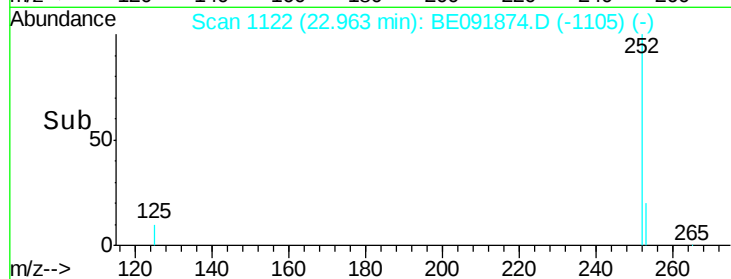
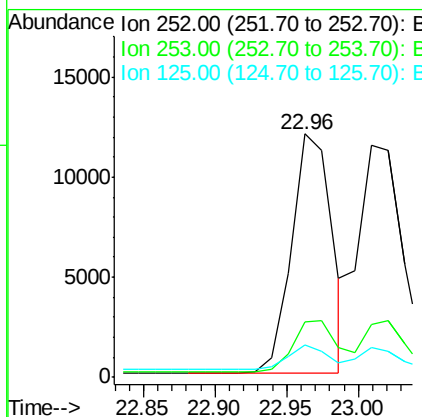
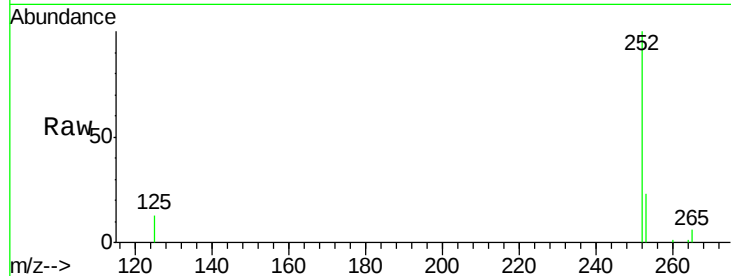
#41
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 22.96 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	13.1	9.4	14.2

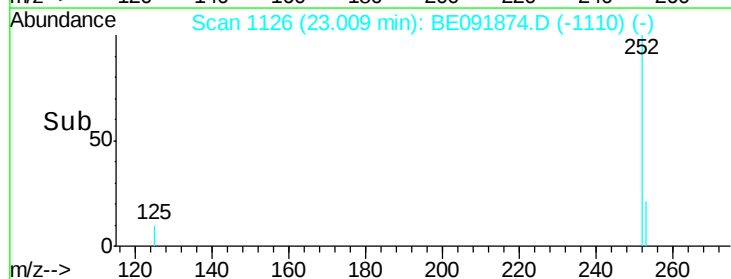
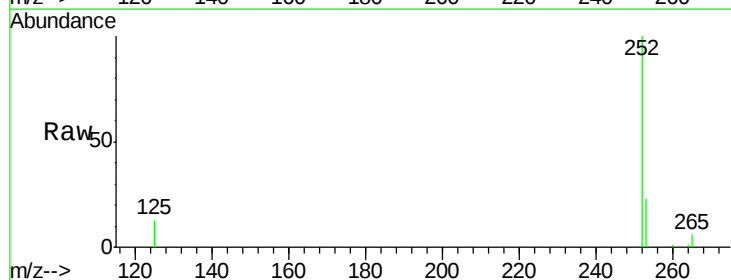
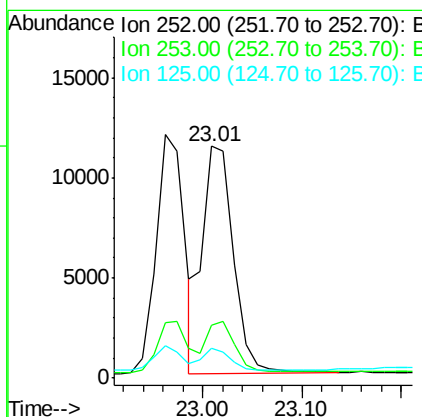
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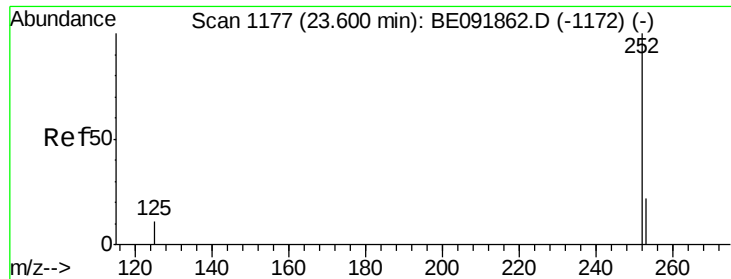
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#42
Benzo(k)fluoranthene
Concen: 0.42 ng
RT: 23.01 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BE091874.D
Acq: 26 May 2016 00:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	19.4	29.2
125	12.8	8.3	12.5#





#43

Benzo(a)pyrene

Concen: 0.40 ng

RT: 23.60 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Instrument :

BNA_E

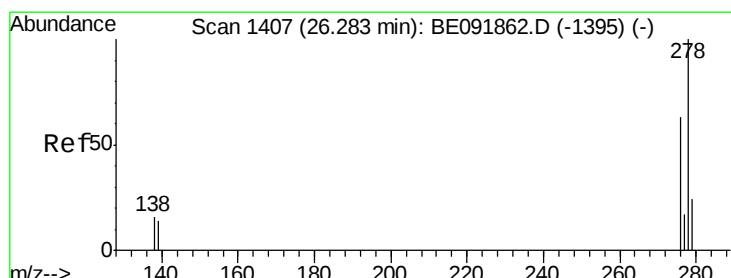
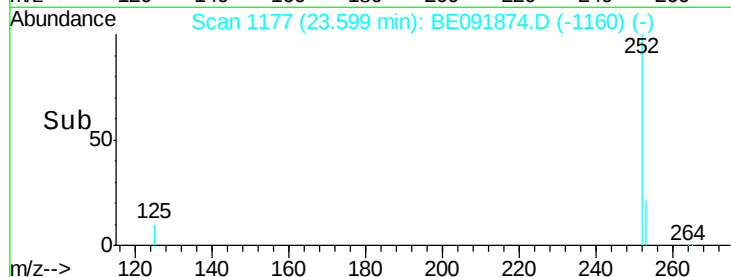
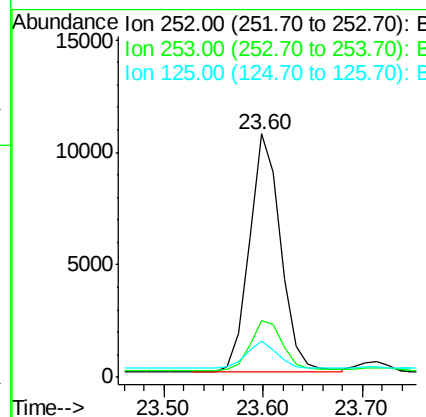
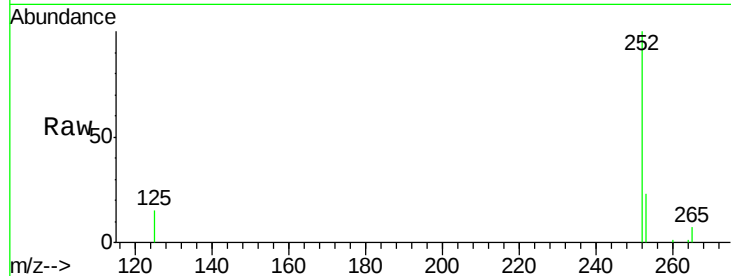
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	252	Resp:	23189
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.9	28.3
125	14.8	10.5	15.7

Manual Integrations
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#44

Dibenzo(a,h)anthracene

Concen: 0.39 ng

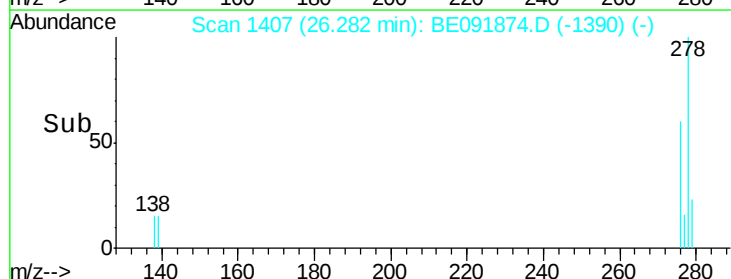
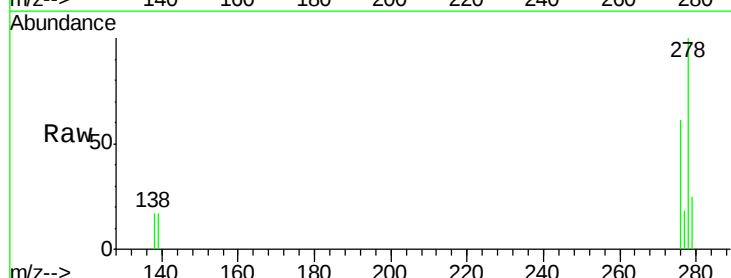
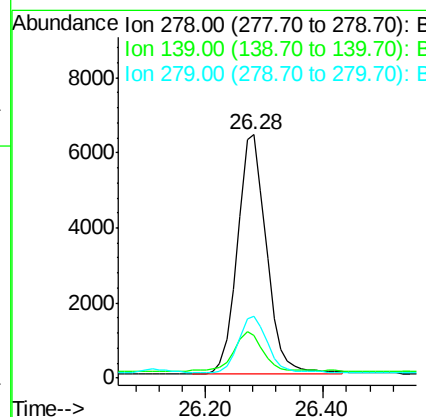
RT: 26.28 min Scan# 1407

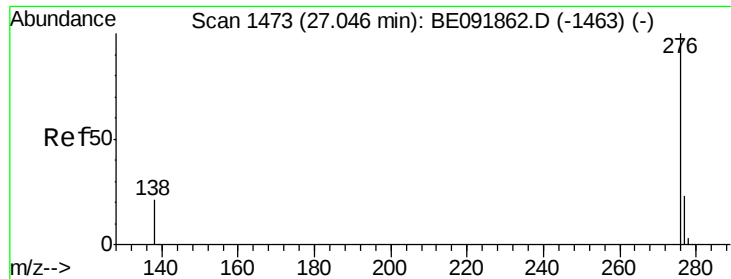
Delta R.T. -0.00 min

Lab File: BE091874.D

Acq: 26 May 2016 00:52

Tgt Ion:	278	Resp:	22035
Ion Ratio	Lower	Upper	
278	100		
139	17.3	12.6	18.8
279	25.5	20.0	30.0





#45
 Benzo(a,h,i)perylene
 Concen: 0.40 ng
 RT: 27.05 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BE091874.D
 Acq: 26 May 2016 00:52

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.7	19.5	29.3
138	22.3	17.7	26.5

Manual Integrations
 APPROVED

sohil
 5/26/2016 6:46:15 PM

