

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
 Data File : BE091867.D
 Acq On : 25 May 2016 20:26
 Operator : UM/SJ
 Sample : SSTDCCC0.4
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Manual Integrations
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Quant Time: May 26 01:49:34 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	7.78	152	26977	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	133528	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	85830	5.00	ng	0.00
24) Phenanthrene-d10	17.14	188	249337	5.00	ng	0.00
31) Chrysene-d12	21.29	240	257897	5.00	ng	0.00
40) Perylene-d12	23.71	264	240456	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	2851	0.37	ng	0.00
5) Phenol-d6	6.95	99	3876	0.38	ng	0.00
9) Nitrobenzene-d5	8.94	82	4012	0.37	ng	0.00
16) 2,4,6-Tribromophenol	15.89	330	1267	0.33	ng	0.00
17) 2-Fluorobiphenyl	13.03	172	9665	0.38	ng	0.00
34) Terphenyl-d14	19.74	244	16768	0.43	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.32	88	1383	0.41	ng	97
3) n-Nitrosodimethylamine	3.63	42	1668	0.34	ng	# 95
6) bis(2-Chloroethyl)ether	7.20	93	3173	0.37	ng	98
7) n-Nitroso-di-n-propylamine	8.57	70	2916	0.37	ng	# 91
10) Nitrobenzene	8.96	77	3859	0.37	ng	# 98
11) bis(2-Chloroethoxy)methane	9.98	93	4039m	0.32	ng	
12) Naphthalene	10.61	128	11143	0.39	ng	100
13) Hexachlorobutadiene	10.90	225	1703	0.38	ng	100
14) 2-Methylnaphthalene	12.22	142	7537	0.39	ng	97
18) Acenaphthylene	14.10	152	15555	0.39	ng	97
19) 2,6-Dinitrotoluene	13.96	165	1914	0.33	ng	96
20) Acenaphthene	14.44	154	8835	0.40	ng	99
21) 2,4-Dinitrotoluene	14.76	165	2065	0.45	ng	# 97
22) Fluorene	15.44	166	11387	0.38	ng	100
23) 4-Chlorophenyl-phenylether	15.44	204	5548	0.34	ng	99
25) 4-Bromophenyl-phenylether	16.31	248	3450	0.39	ng	98
26) Hexachlorobenzene	16.44	284	3904m	0.46	ng	
27) Pentachlorophenol	16.78	266	1293	0.39	ng	89
28) Phenanthrene	17.17	178	20206	0.36	ng	100
29) Anthracene	17.26	178	19008	0.38	ng	99
30) Fluoranthene	19.17	202	22872	0.35	ng	99
32) Benzidine	19.36	184	8072	0.45	ng	98
33) Pyrene	19.53	202	24286	0.44	ng	100
35) Benzo(a)anthracene	21.27	228	29730m	0.43	ng	
36) 3,3'-Dichlorobenzidine	21.22	252	15415	0.41	ng	# 95
37) Chrysene	21.31	228	26392m	0.35	ng	
38) Bis(2-ethylhexyl)phthalate	21.17	149	12216	0.49	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.26	276	27102	0.42	ng	99
41) Benzo(b)fluoranthene	22.96	252	26878	0.41	ng	99
42) Benzo(k)fluoranthene	23.02	252	21730	0.37	ng	98
43) Benzo(a)pyrene	23.60	252	23339	0.40	ng	98
44) Dibenzo(a,h)anthracene	26.28	278	22328	0.40	ng	98
45) Benzo(a,h,i)perylene	27.05	276	22813	0.40	ng	99

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Manual Integrations
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Quant Time: May 26 01:49:34 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

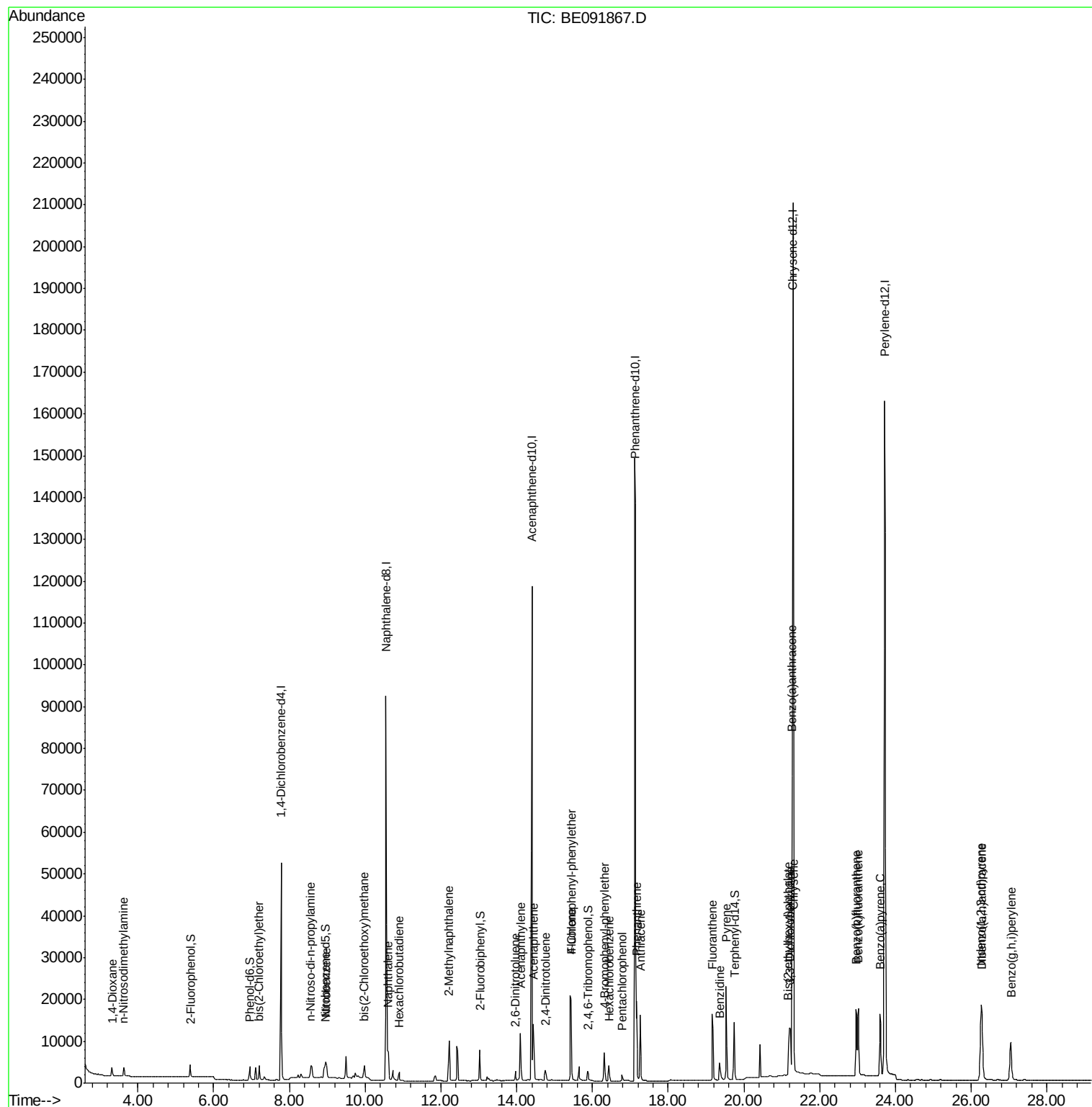
Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
Data File : BE091867.D
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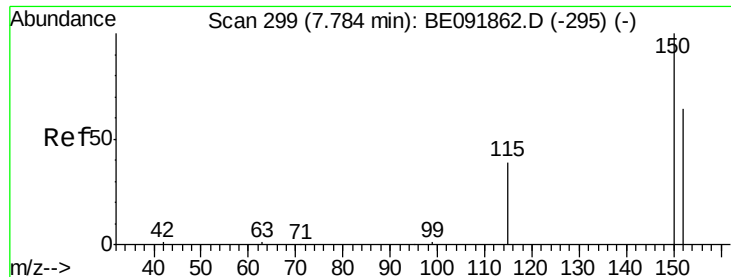
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. 0.00 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

Instrument :

BNA_E

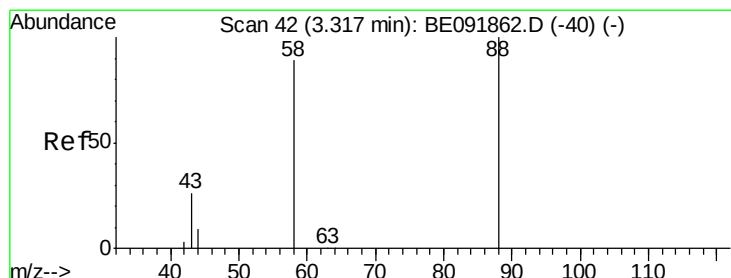
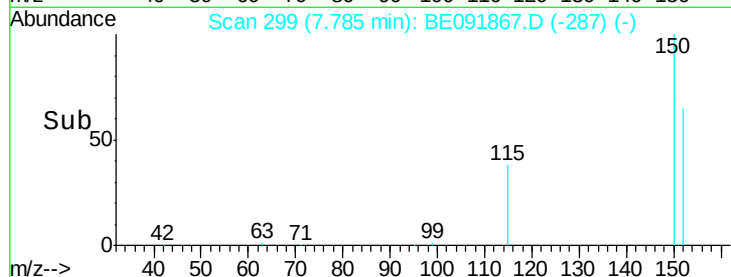
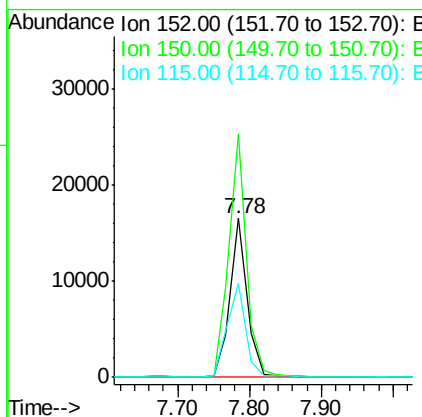
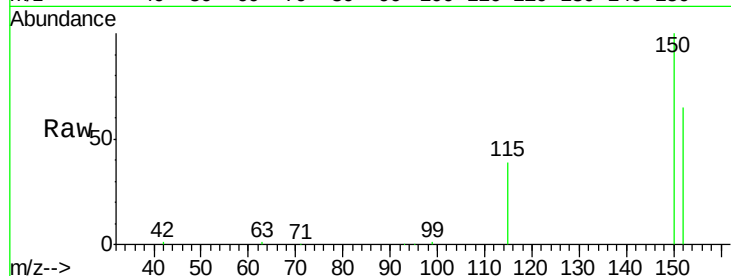
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.2	123.9	185.9
115	59.0	48.3	72.5

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#2

1,4-Dioxane

Concen: 0.41 ng

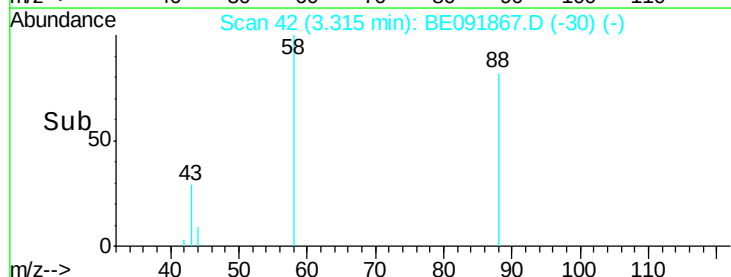
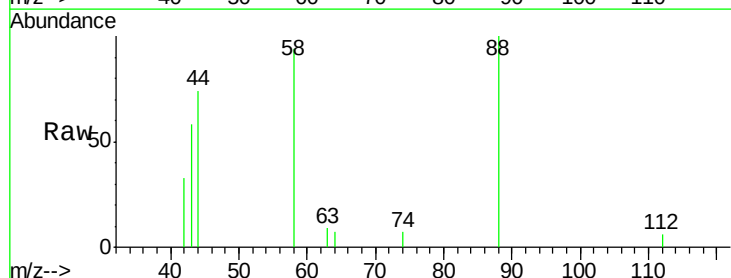
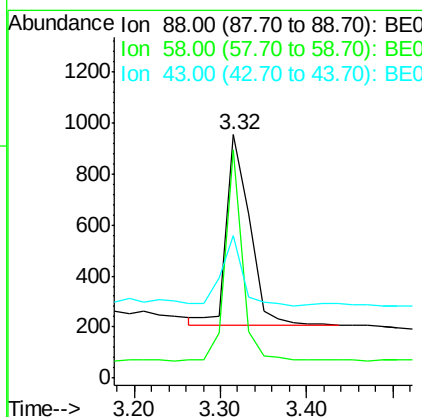
RT: 3.32 min Scan# 42

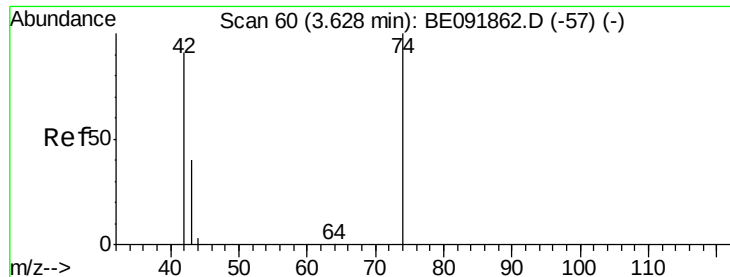
Delta R.T. -0.00 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.3	63.0	94.4
43	35.2	29.1	43.7





#3

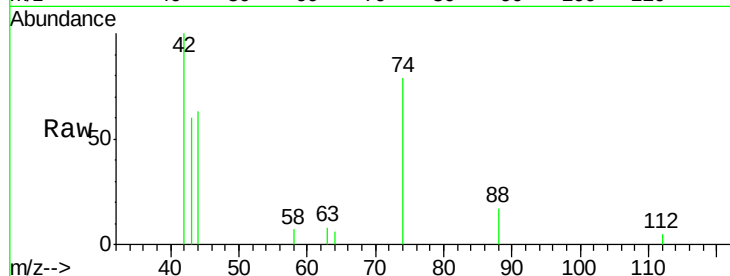
n-Nitrosodimethylamine
Concen: 0.34 ng
RT: 3.63 min Scan# 60
Delta R.T. -0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

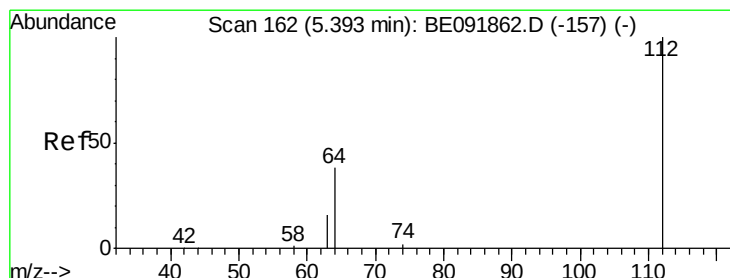
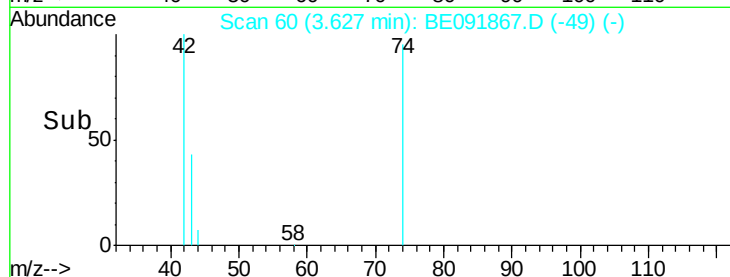
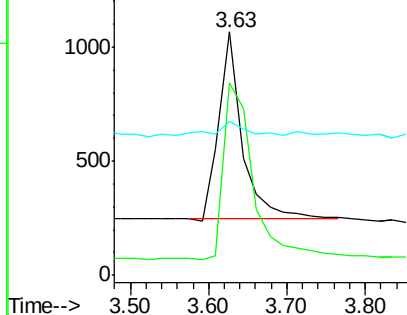
Tot Ion	Ratio	Lower	Upper
42	100		
74	121.6	93.4	140.0
44	12.0	5.0	7.6#

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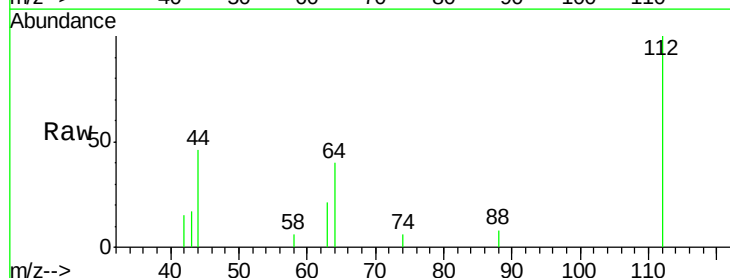
Abundance Ion 42.00 (41.70 to 42.70): BE0
Ion 74.00 (73.70 to 74.70): BE0
Ion 44.00 (43.70 to 44.70): BE0



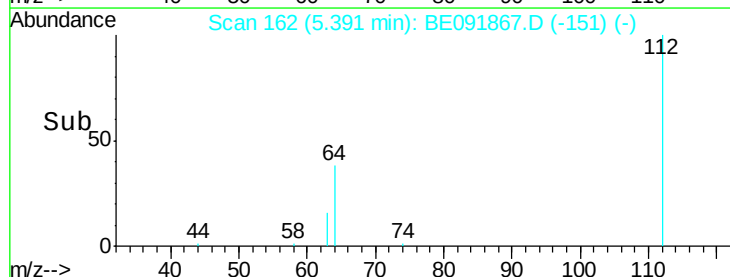
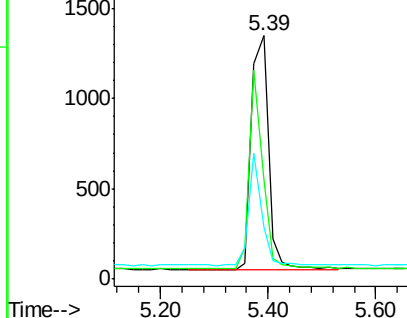
#4

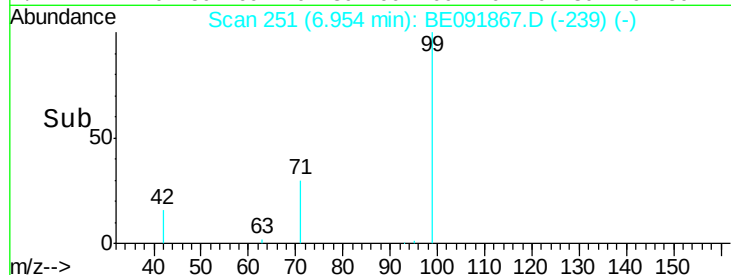
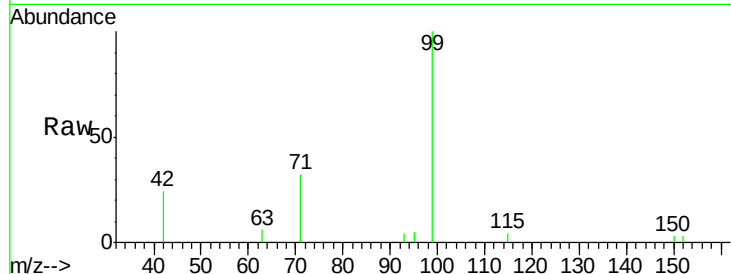
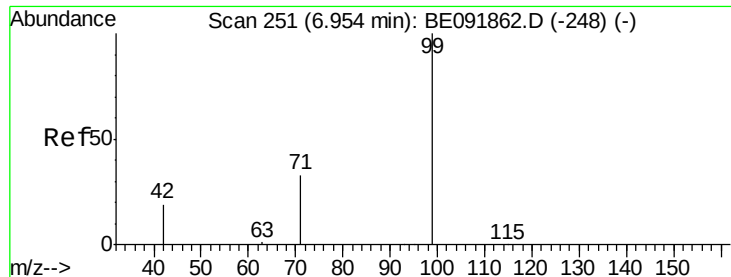
2-Fluorophenol
Concen: 0.37 ng
RT: 5.39 min Scan# 162
Delta R.T. -0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.9	53.7	80.5
63	36.3	29.5	44.3



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.38 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

Tot Ion:	99	Resp:	3876
Ion	Ratio	Lower	Upper
99	100		
42	24.5	19.6	29.4
71	35.4	28.1	42.1

Instrument :

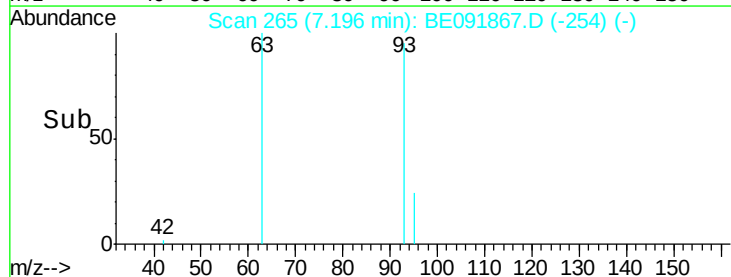
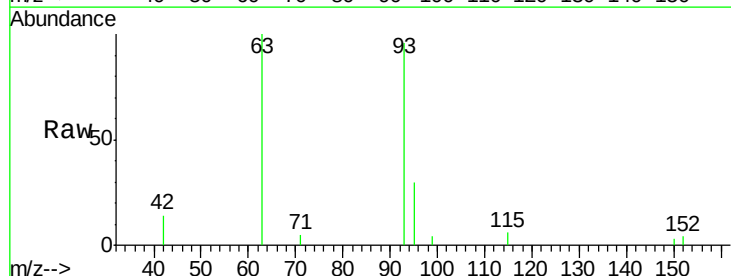
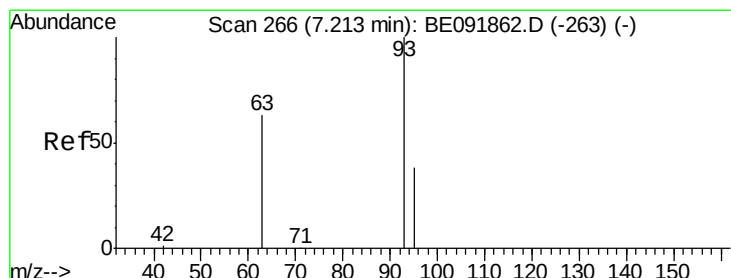
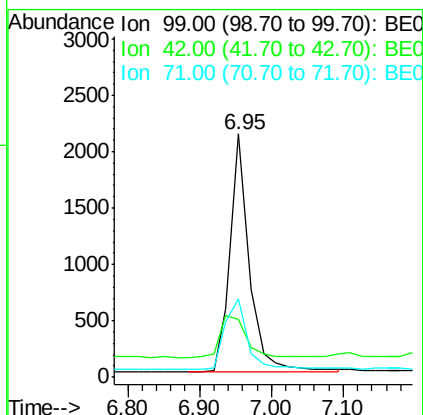
BNA_E

ClientSampleId :

SSTDCCC0.4EC

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#6

bis(2-Chloroethyl)ether

Concen: 0.37 ng

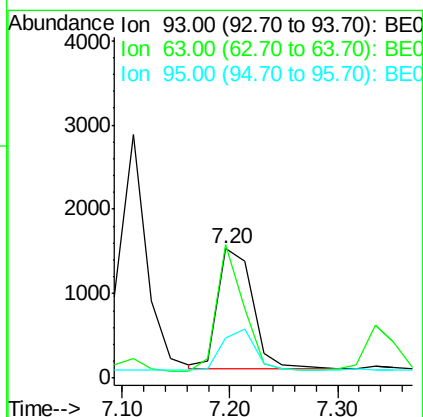
RT: 7.20 min Scan# 265

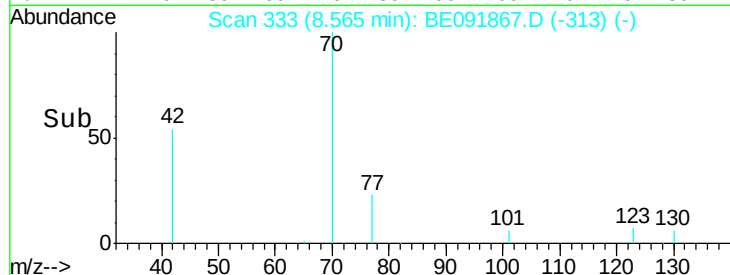
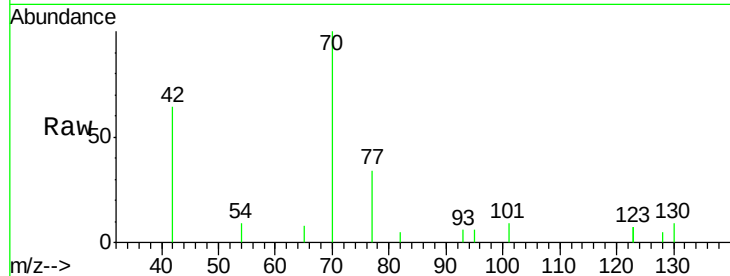
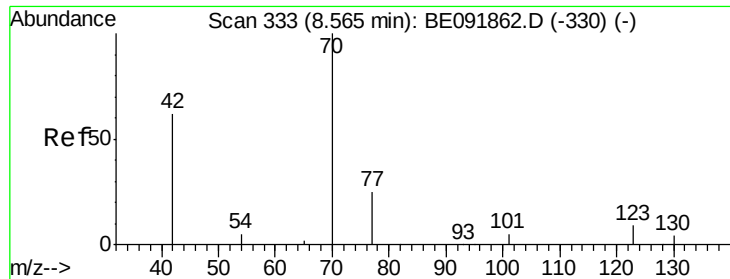
Delta R.T. -0.02 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

Tgt Ion:	93	Resp:	3173
Ion	Ratio	Lower	Upper
93	100		
63	84.6	66.2	99.4
95	32.1	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: BE091867.D

Acq: 25 May 2016 20:26

Instrument :

BNA_E

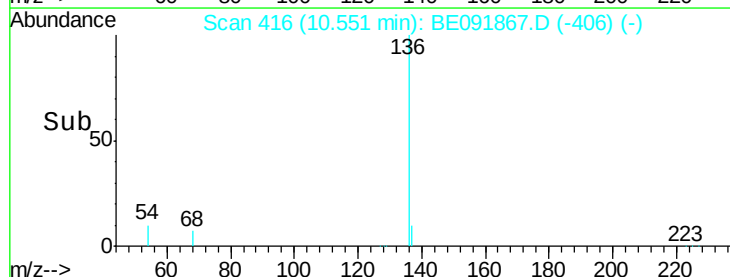
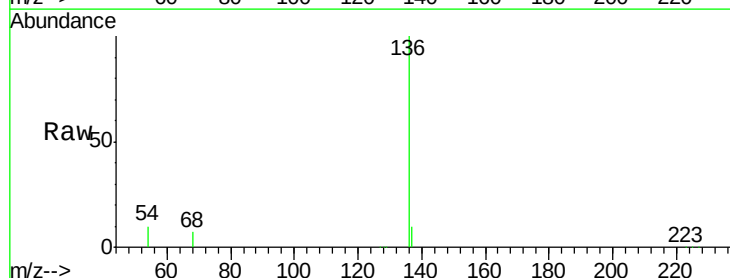
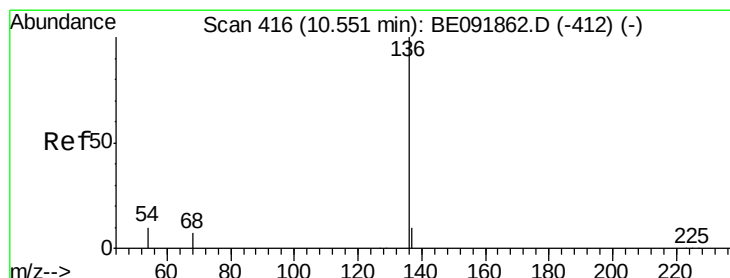
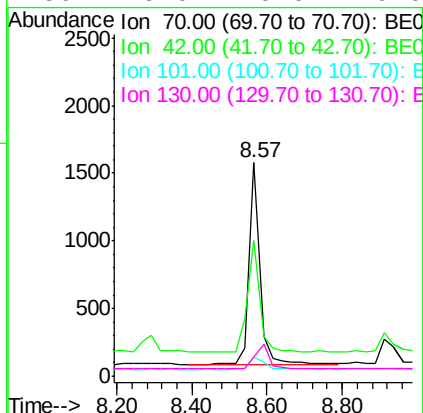
ClientSampleId :

SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
70	100		
42	65.0	58.4	87.6
101	8.4	6.4	9.6
130	0.0	0.0	0.0

Manual Integrations
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#8

Naphthalene-d8

Concen: 5.00 ng

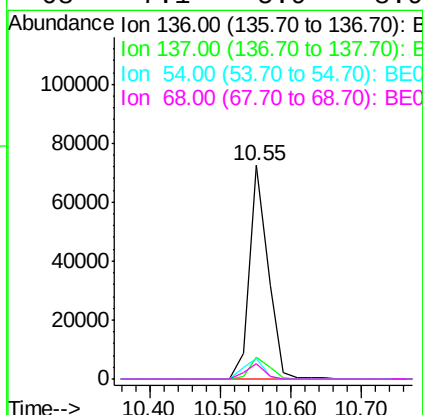
RT: 10.55 min Scan# 416

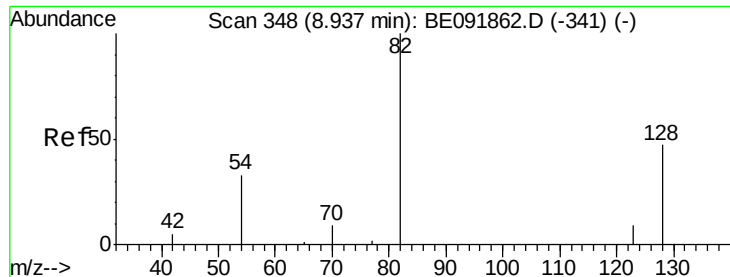
Delta R.T. 0.00 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.3	12.5
54	9.7	8.2	12.4
68	7.1	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: BE091867.D

Acq: 25 May 2016 20:26

Instrument :

BNA_E

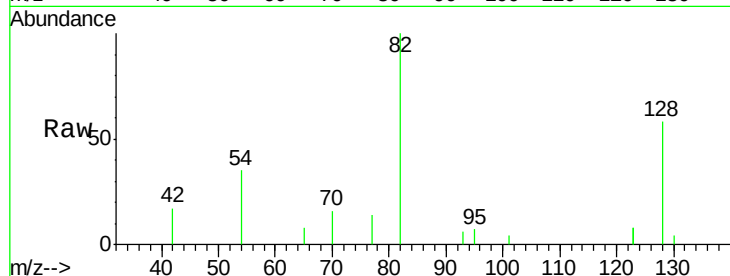
ClientSampleId :

SSTDCCC0.4EC

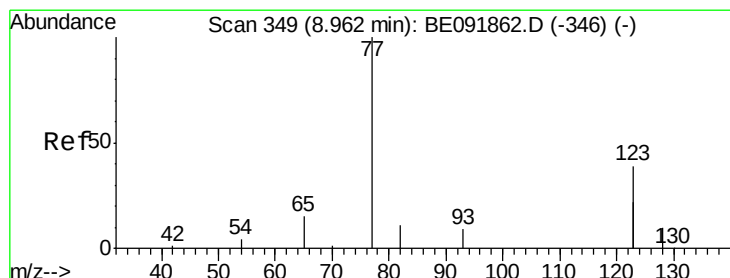
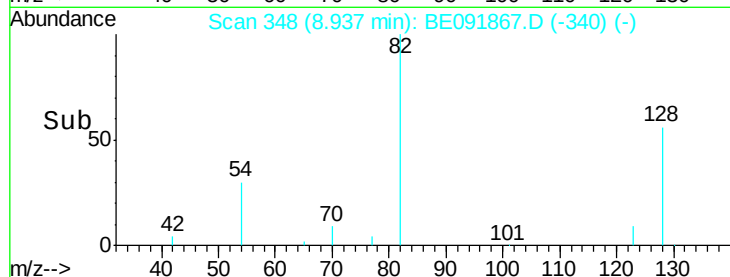
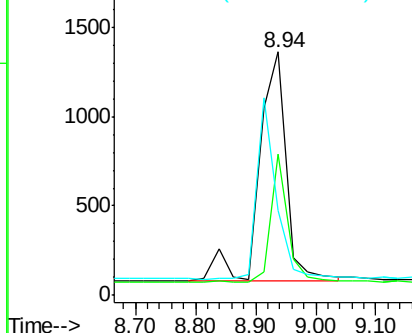
Tot Ion:	82	Resp:	4012
Ion	Ratio	Lower	Upper
82	100		
128	57.9	39.5	59.3
54	35.1	30.3	45.5

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: 0.37 ng

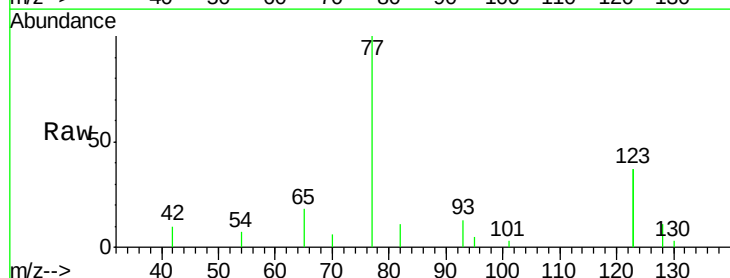
RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

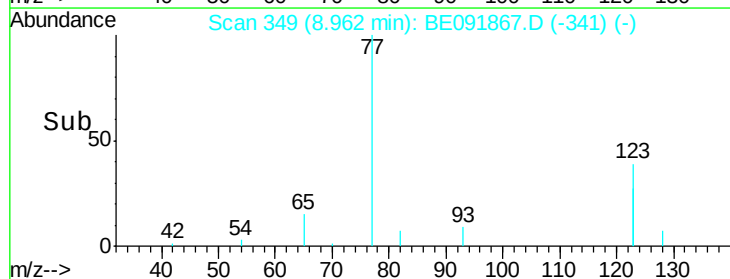
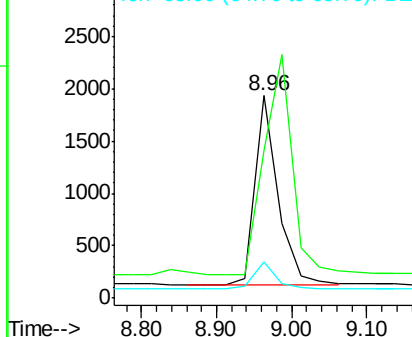
Lab File: BE091867.D

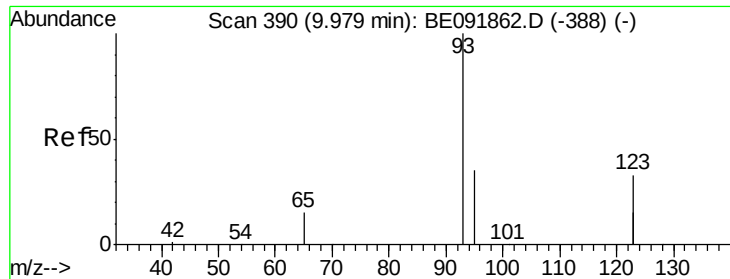
Acq: 25 May 2016 20:26

Tgt Ion:	77	Resp:	3859
Ion	Ratio	Lower	Upper
77	100		
123	0.0	0.0	0.0
65	14.5	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





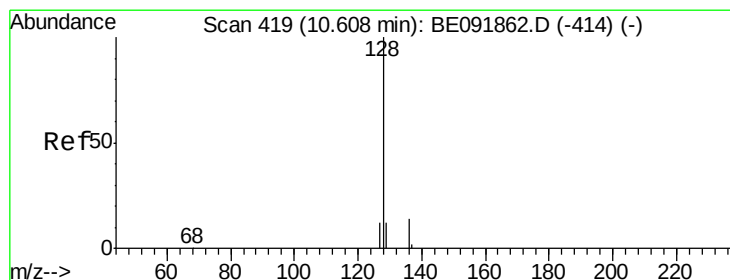
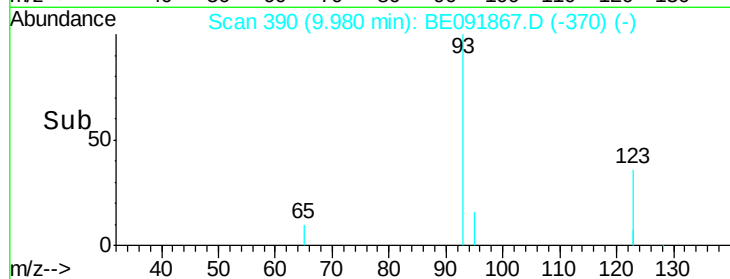
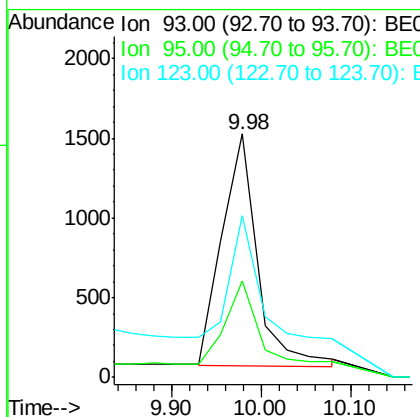
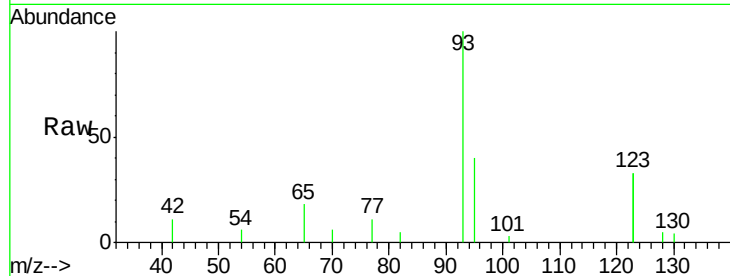
#11
 bis(2-Chloroethoxy)methane
 Concen: 0.32 ng/ml
 RT: 9.98 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: BE091867.D
 Acq: 25 May 2016 20:26

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
93	100		
95	62.4	57.6	86.4
123	110.5	100.2	150.4

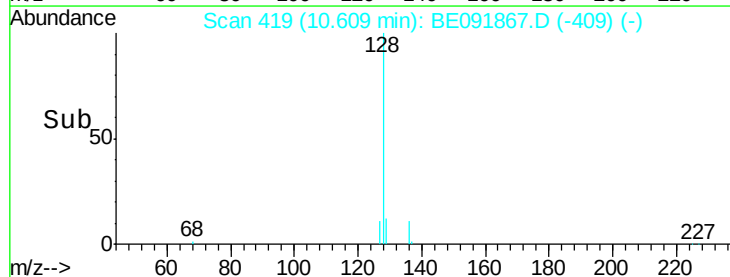
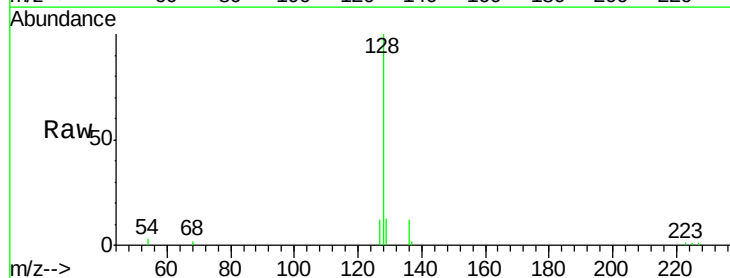
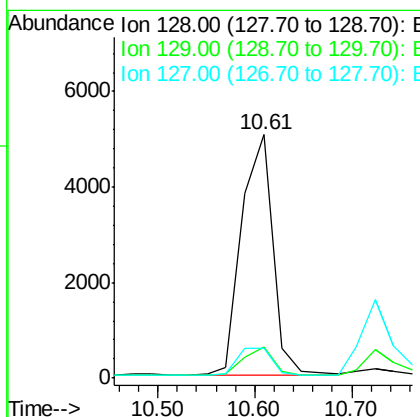
Manual Integrations
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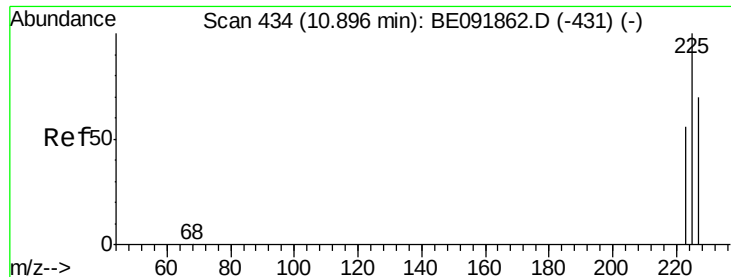
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#12
 Naphthalene
 Concen: 0.39 ng/ml
 RT: 10.61 min Scan# 419
 Delta R.T. 0.00 min
 Lab File: BE091867.D
 Acq: 25 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
128	100		
129	13.0	10.4	15.6
127	12.3	10.2	15.2





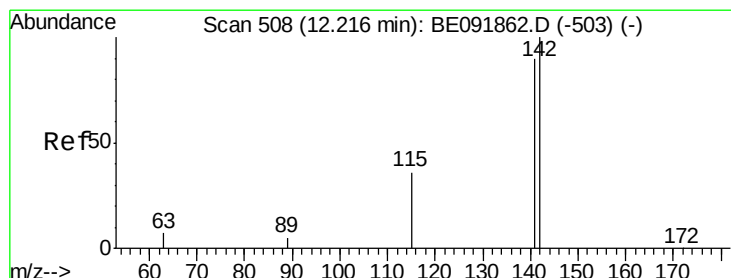
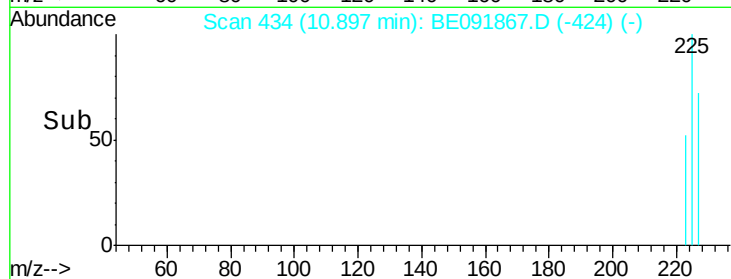
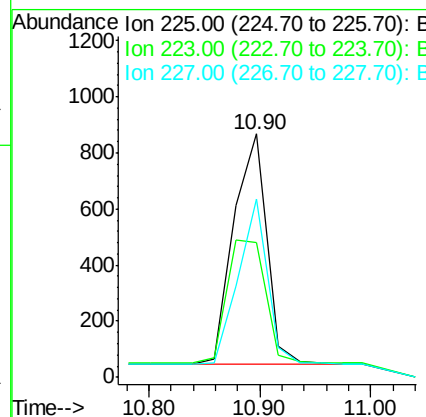
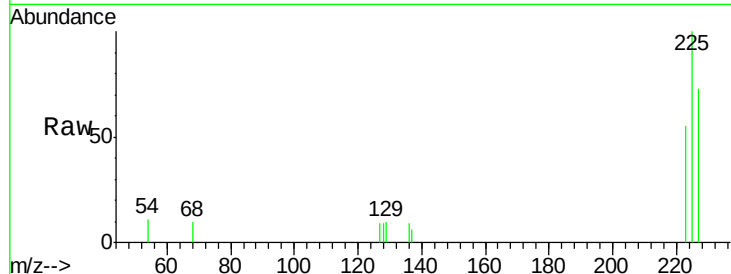
#13
Hexachlorobutadiene
Concen: 0.38 ng
RT: 10.90 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.1	49.8	74.8
227	63.7	50.6	75.8

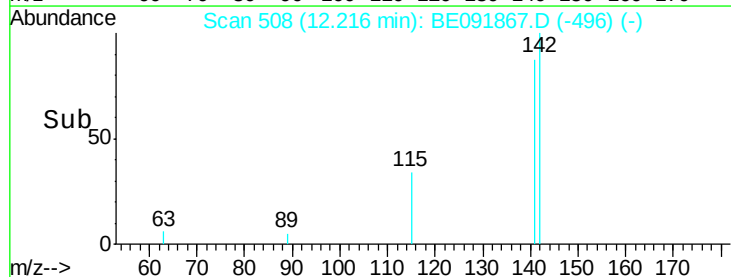
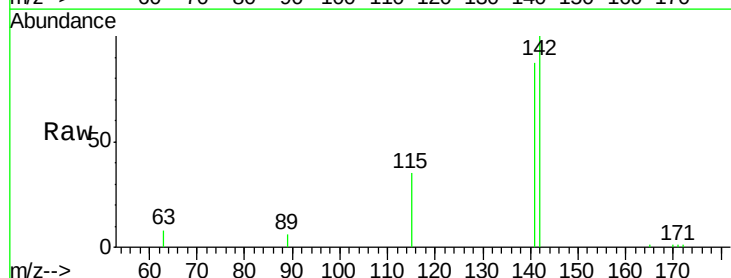
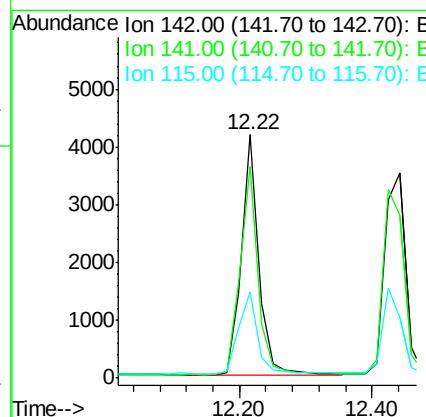
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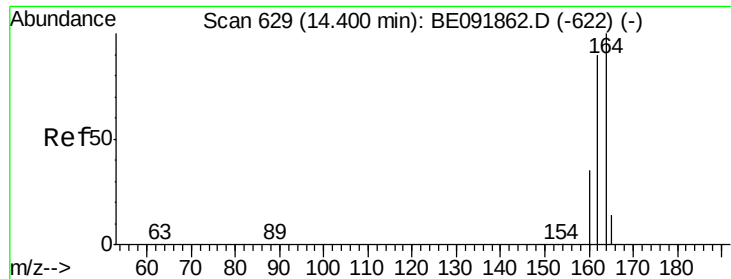
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#14
2-Methylnaphthalene
Concen: 0.39 ng
RT: 12.22 min Scan# 508
Delta R.T. -0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.9	71.9	107.9
115	35.5	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: BE091867.D

Acq: 25 May 2016 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:164 Resp: 85830

Ion Ratio Lower Upper

164 100

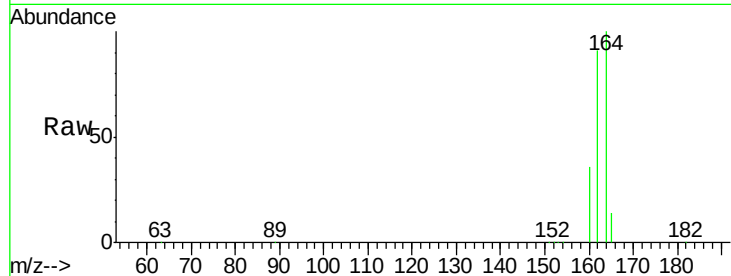
162 91.4 71.8 107.8

160 35.8 28.0 42.0

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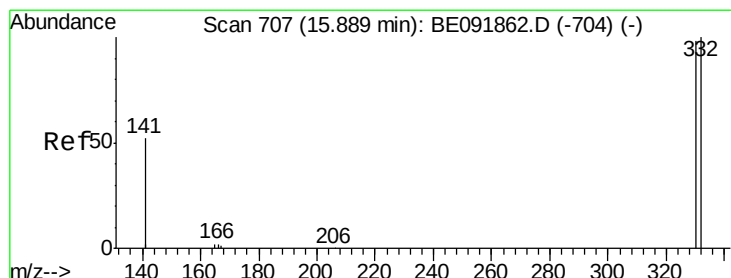
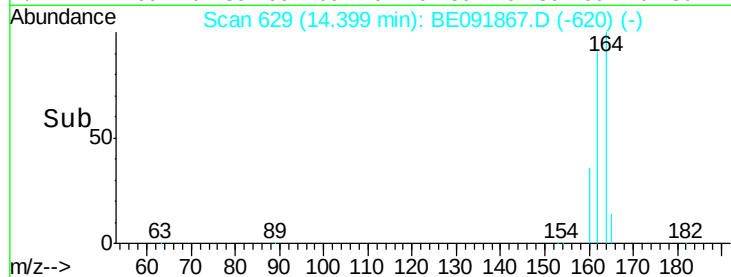
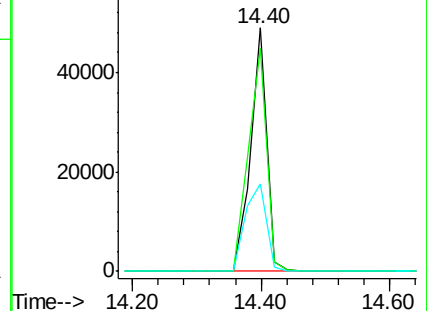
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#16

2,4,6-Tribromophenol

Concen: 0.33 ng

RT: 15.89 min Scan# 707

Delta R.T. 0.00 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

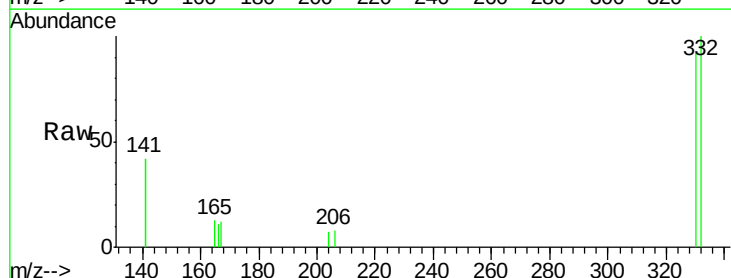
Tgt Ion:330 Resp: 1267

Ion Ratio Lower Upper

330 100

332 96.4 77.0 115.6

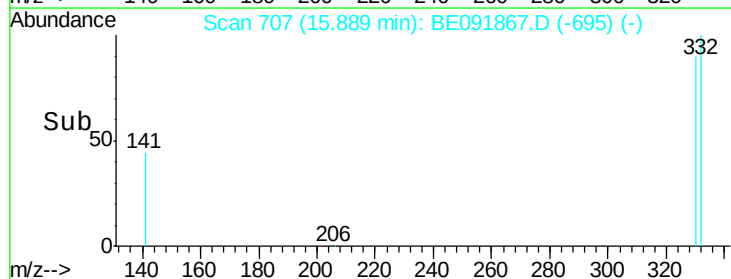
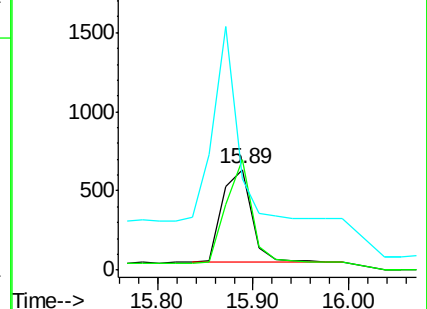
141 172.8 138.4 207.6

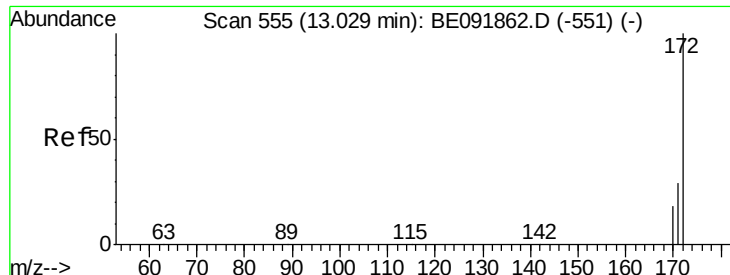


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





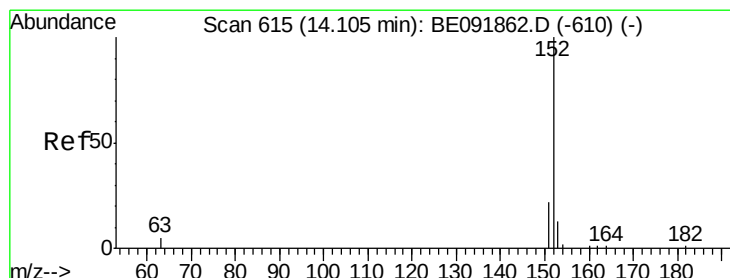
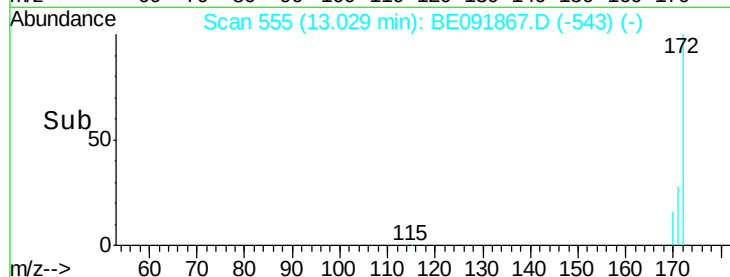
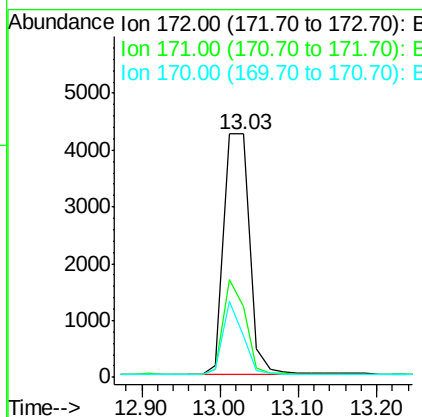
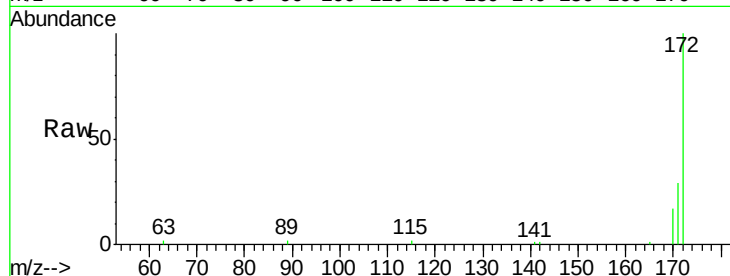
#17
2-Fluorobiphenyl
Concen: 0.38 ng
RT: 13.03 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
172	100		
171	29.3	24.3	36.5
170	17.1	14.9	22.3

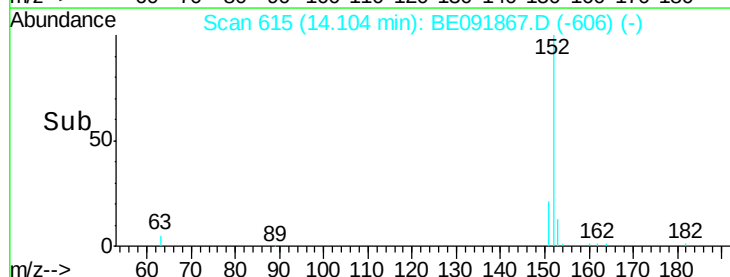
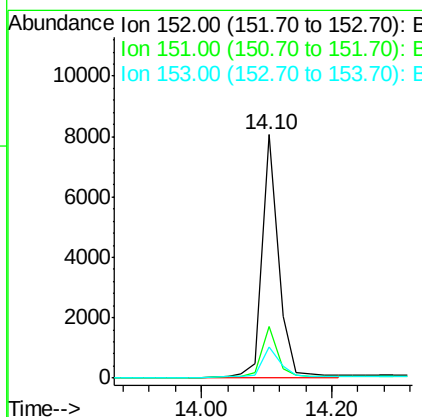
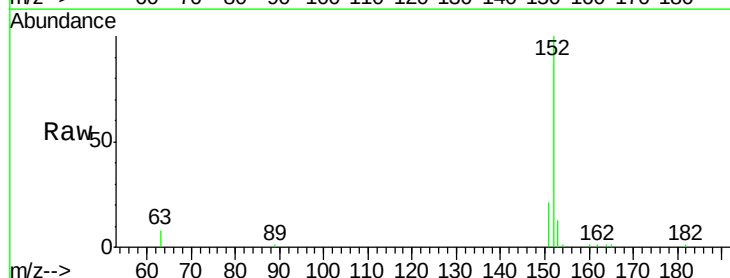
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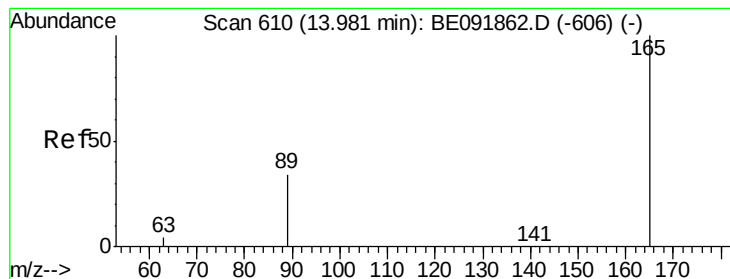
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#18
Acenaphthylene
Concen: 0.39 ng
RT: 14.10 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.0	19.4	29.2
153	16.5	14.4	21.6





#19

2,6-Dinitrotoluene

Concen: 0.33 ng

RT: 13.96 min Scan# 609

Delta R.T. -0.02 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

Instrument :

BNA_E

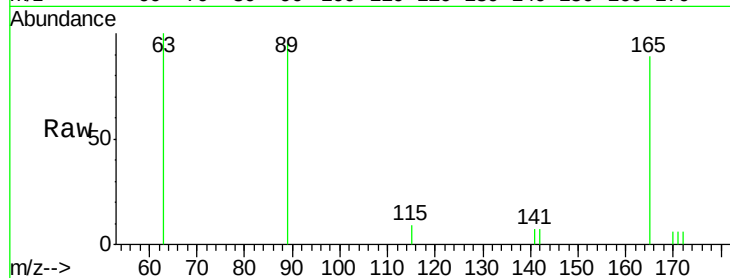
ClientSampleId :

SSTDCCC0.4EC

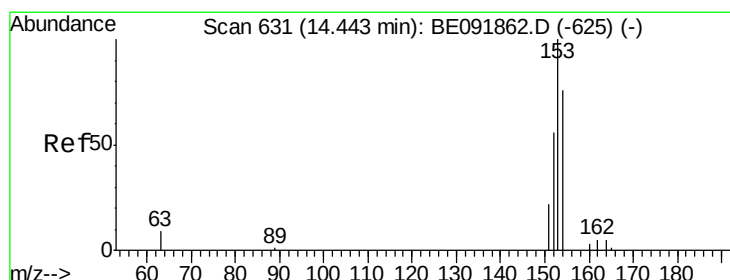
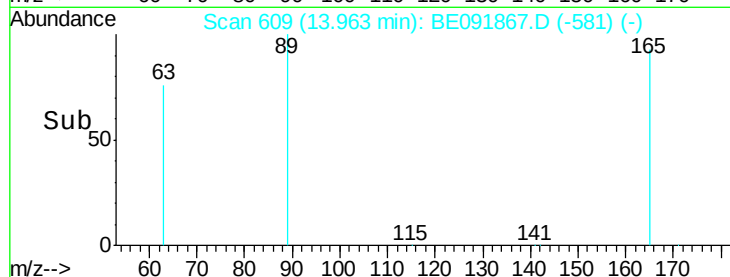
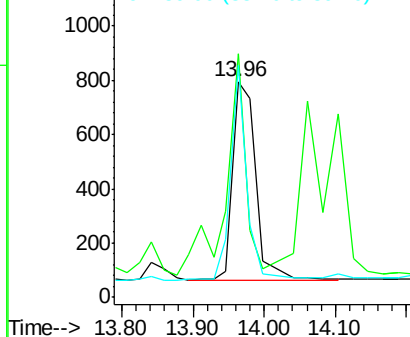
Tot Ion:	165	Resp:	1914
Ion	Ratio	Lower	Upper
165	100		
63	85.6	65.9	98.9
89	76.9	59.1	88.7

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



#20

Acenaphthene

Concen: 0.40 ng

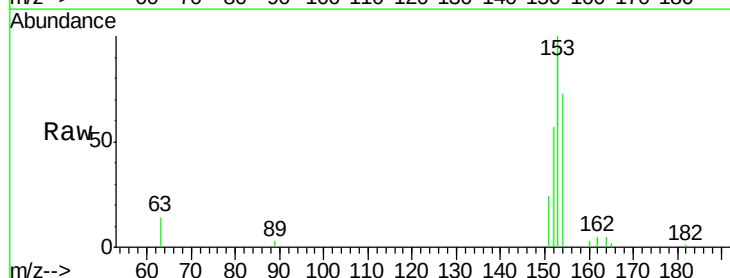
RT: 14.44 min Scan# 631

Delta R.T. -0.00 min

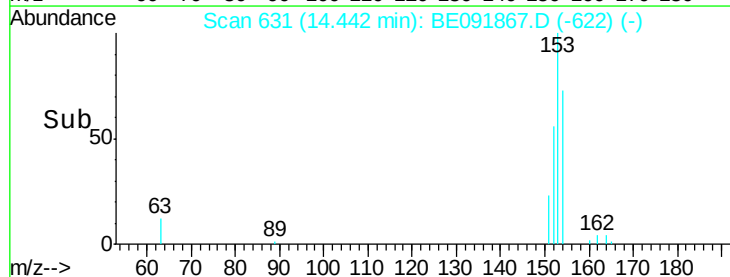
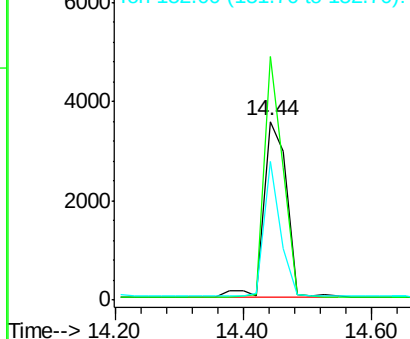
Lab File: BE091867.D

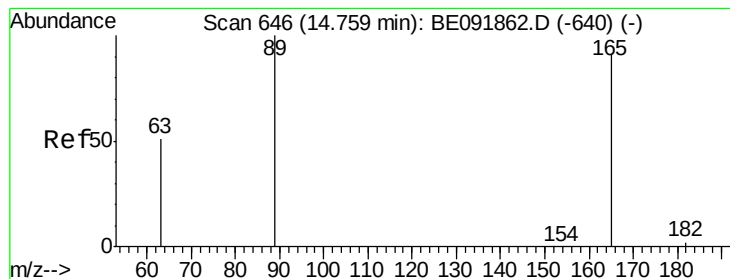
Acq: 25 May 2016 20:26

Tgt Ion:	154	Resp:	8835
Ion	Ratio	Lower	Upper
154	100		
153	109.3	88.1	132.1
152	54.0	44.2	66.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





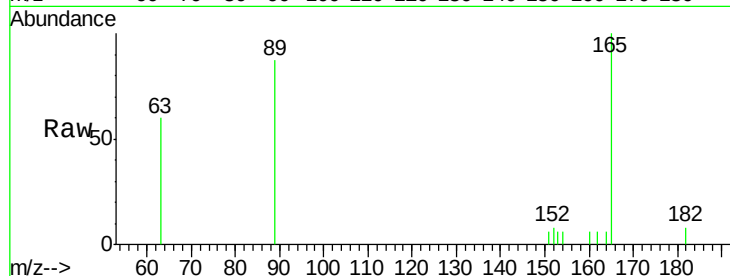
#21
 2,4-Dinitrotoluene
 Concen: 0.45 ng
 RT: 14.76 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BE091867.D
 Acq: 25 May 2016 20:26

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

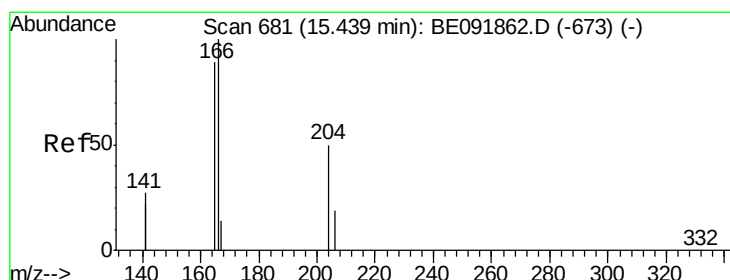
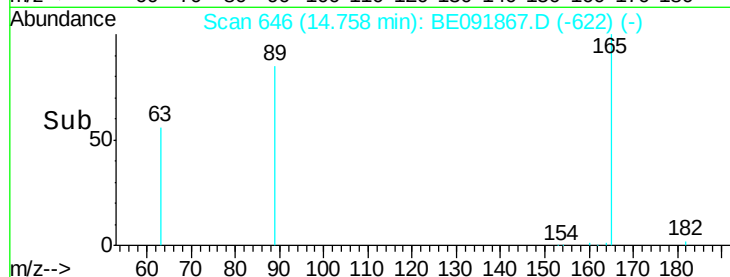
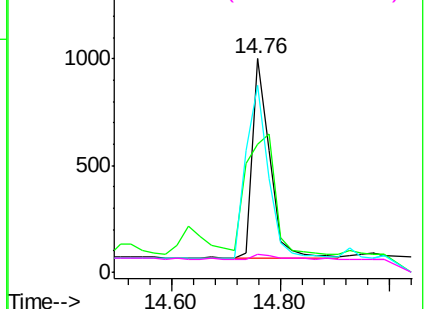
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	0.0	0.0
89	121.9	99.8	149.8
182	3.0	0.0	0.0#

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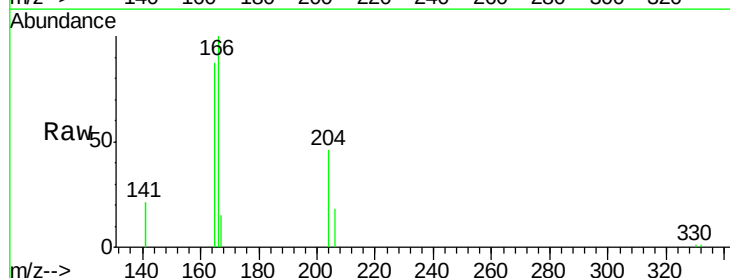


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BE0
 Ion 89.00 (88.70 to 89.70): BE0
 Ion 182.00 (181.70 to 182.70): E

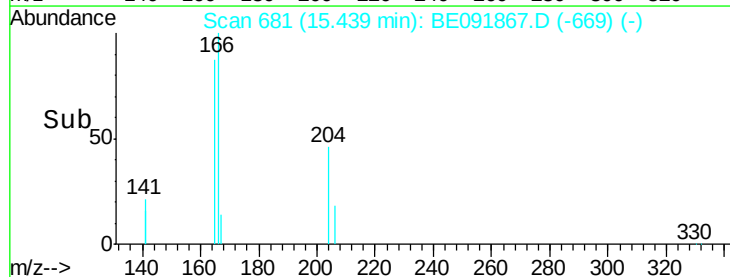
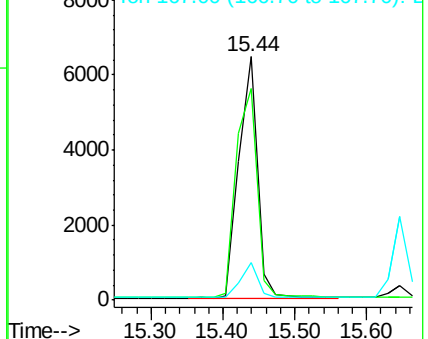


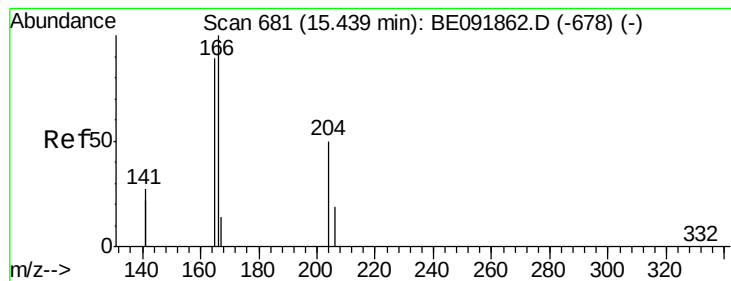
#22
 Fluorene
 Concen: 0.38 ng
 RT: 15.44 min Scan# 681
 Delta R.T. 0.00 min
 Lab File: BE091867.D
 Acq: 25 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.6	117.8
167	13.5	10.8	16.2



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#23

4-Chlorophenyl-phenylether

Concen: 0.34 ng

RT: 15.44 min Scan# 681

Delta R.T. 0.00 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

Instrument :

BNA_E

ClientSampleId :

SSTDCCC0.4EC

Tot Ion:204 Resp: 5548

Ion Ratio Lower Upper

204 100

206 33.9 27.8 41.6

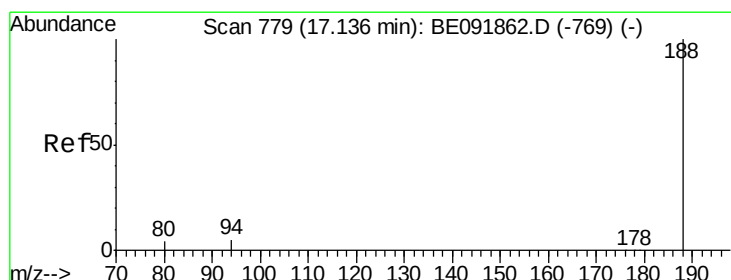
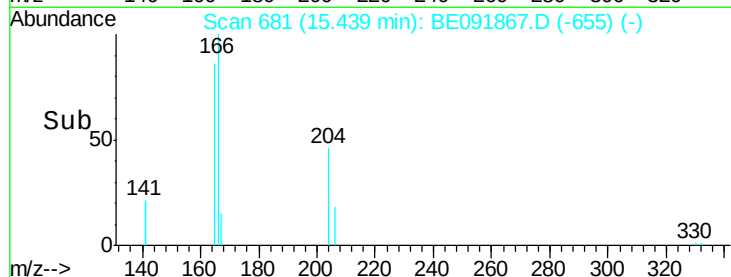
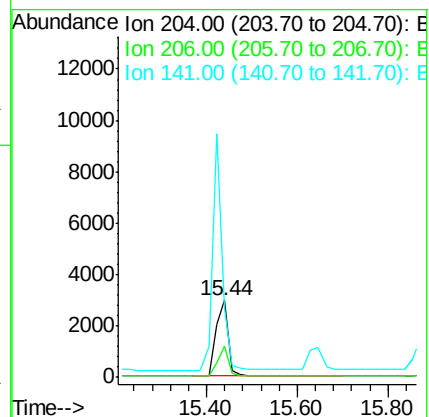
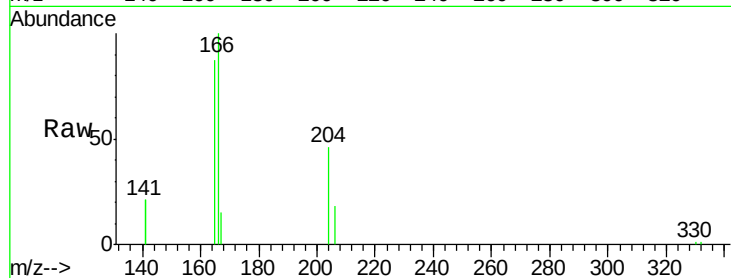
141 245.2 197.6 296.4

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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: BE091867.D

Acq: 25 May 2016 20:26

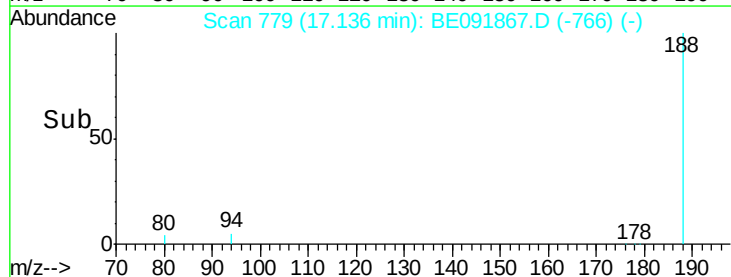
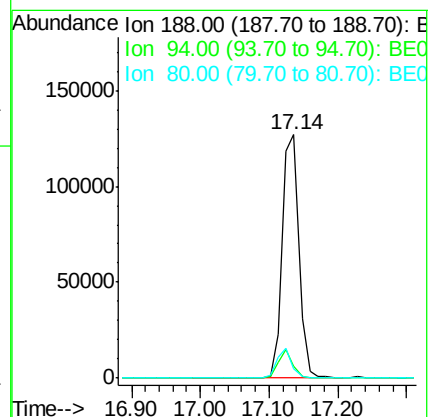
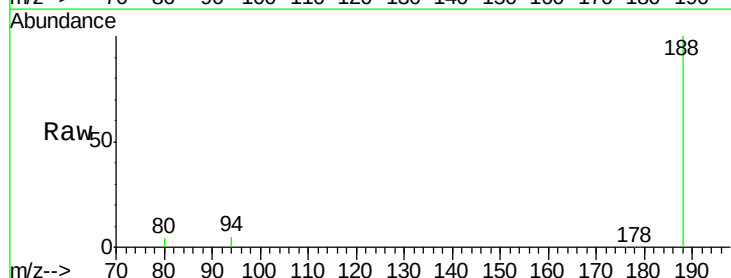
Tgt Ion:188 Resp: 249337

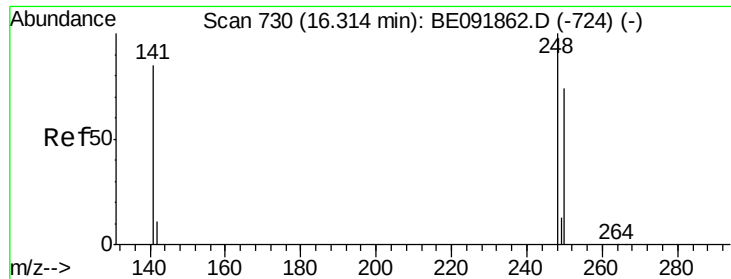
Ion Ratio Lower Upper

188 100

94 4.8 4.1 6.1

80 4.0 3.4 5.2





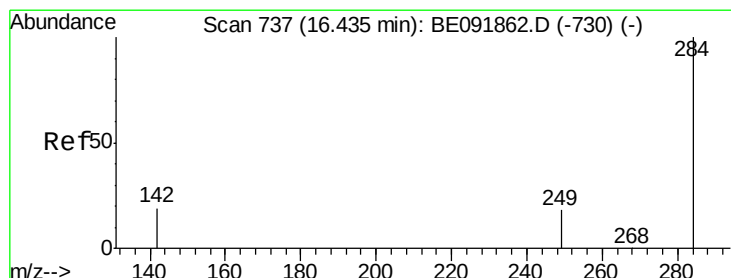
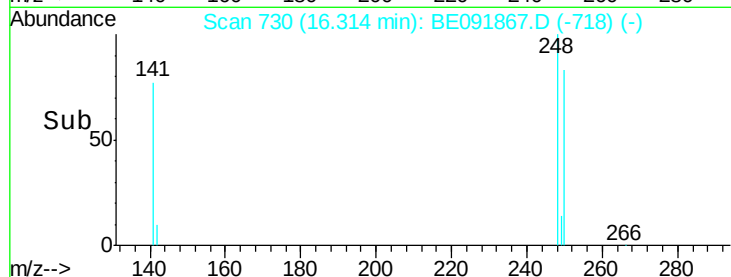
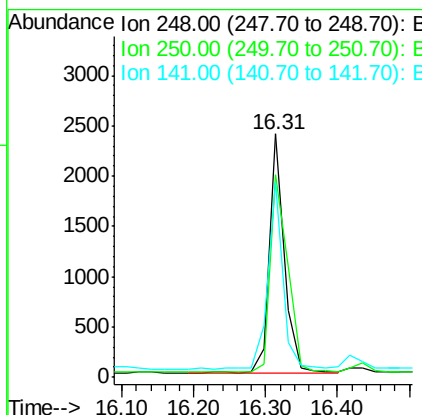
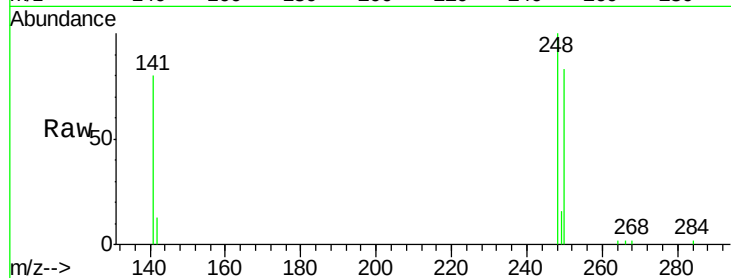
#25
4-Bromophenyl-phenylether
Concen: 0.39 ng
RT: 16.31 min Scan# 730
Delta R.T. 0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	75.7	113.5
141	79.2	64.6	97.0

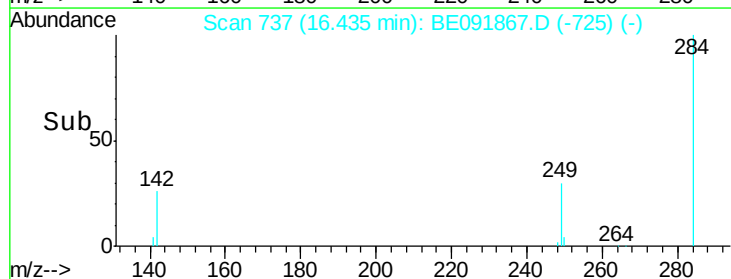
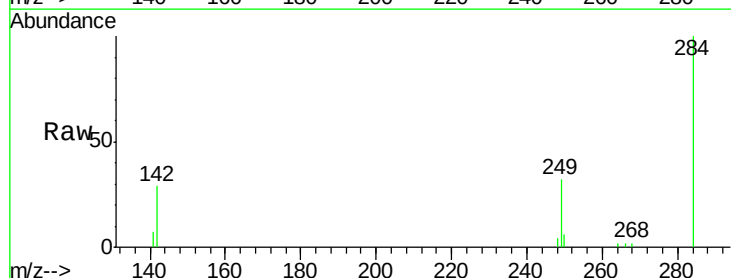
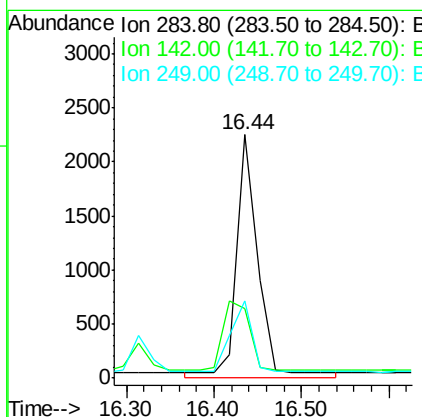
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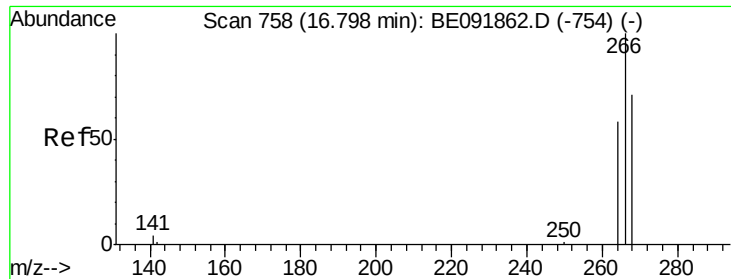
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#26
Hexachlorobenzene
Concen: 0.46 ng m
RT: 16.44 min Scan# 737
Delta R.T. 0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.7	31.4	47.2
249	27.9	25.3	37.9





#27

Pentachlorophenol

Concen: 0.39 ng

RT: 16.78 min Scan# 757

Delta R.T. -0.02 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

Instrument :

BNA_E

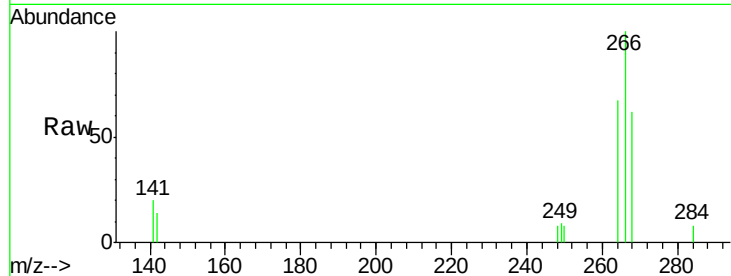
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	266	Resp:	1293
Ion Ratio	Lower	Upper	
266	100		
268	61.6	60.5	90.7
264	67.3	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

16.78

800

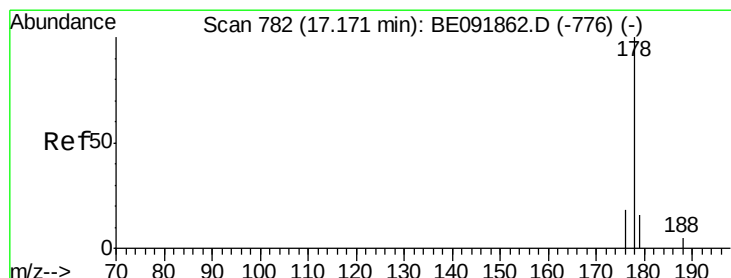
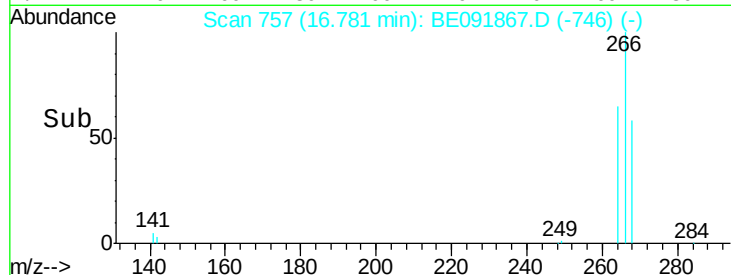
600

400

200

0

Time--> 16.60 16.80



#28

Phenanthrene

Concen: 0.36 ng

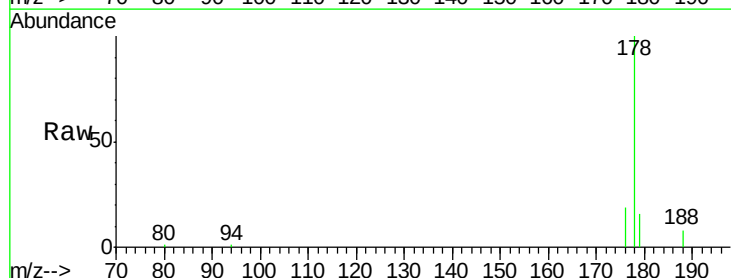
RT: 17.17 min Scan# 782

Delta R.T. 0.00 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

Tgt Ion:	178	Resp:	20206
Ion Ratio	Lower	Upper	
178	100		
176	19.4	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

17.17

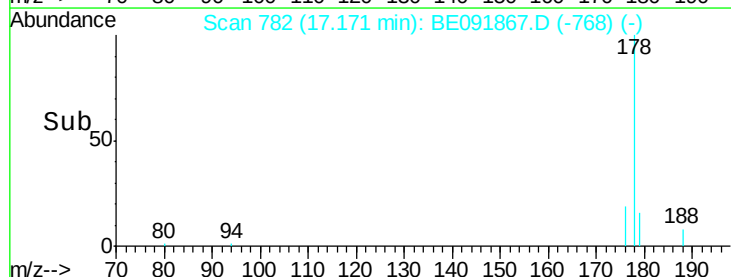
15000

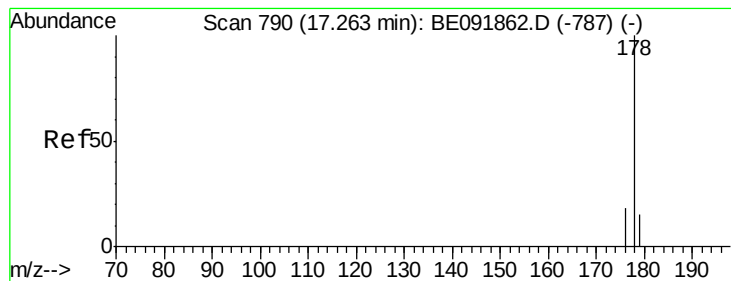
10000

5000

0

Time--> 17.10 17.20





#29

Anthracene

Concen: 0.38 ng

RT: 17.26 min Scan# 790

Delta R.T. 0.00 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

Instrument :

BNA_E

ClientSampled :

SSTDCCC0.4EC

Tot Ion:178 Resp: 19008

Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

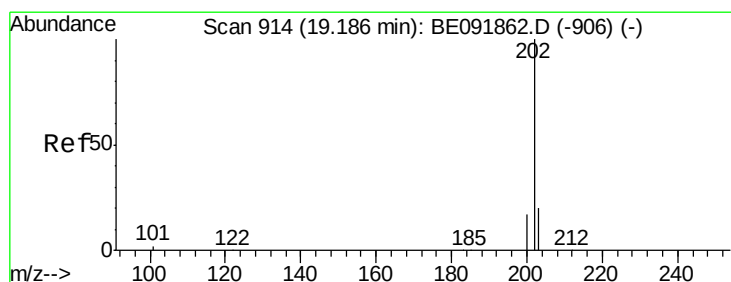
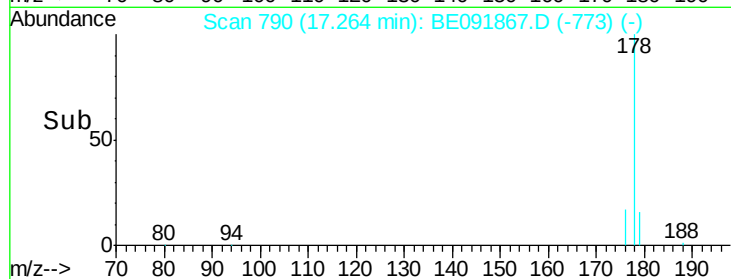
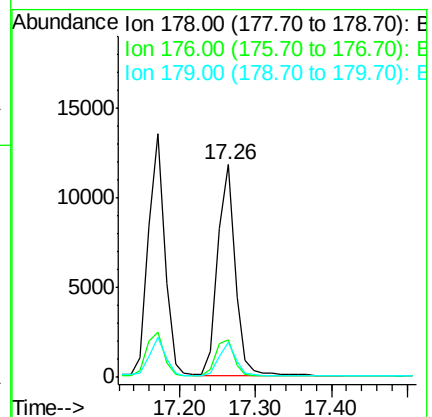
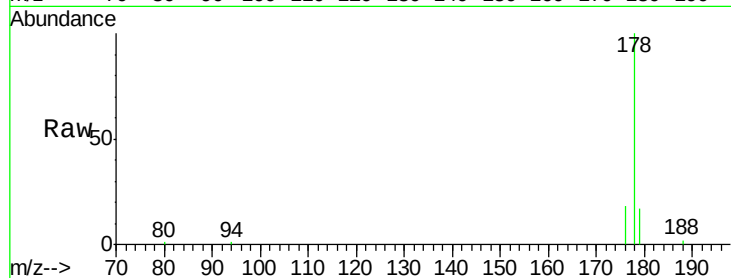
179 15.4 12.1 18.1

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#30

Fluoranthene

Concen: 0.35 ng

RT: 19.17 min Scan# 913

Delta R.T. -0.02 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

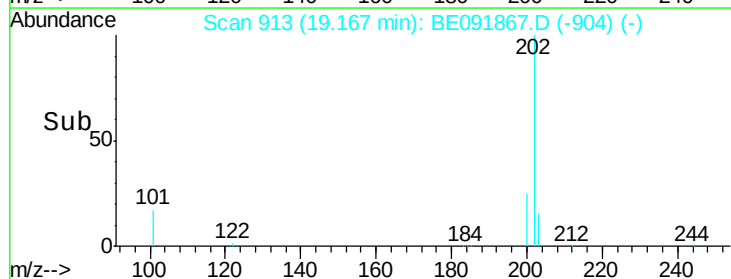
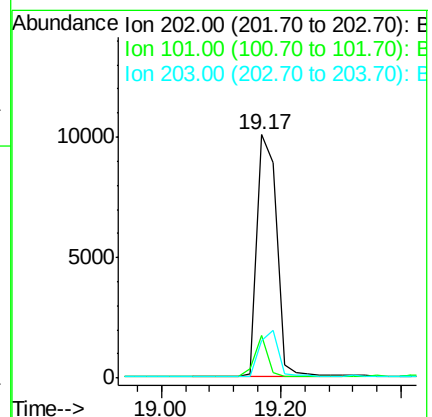
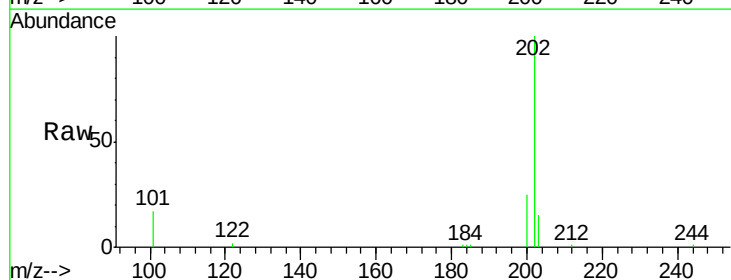
Tgt Ion:202 Resp: 22872

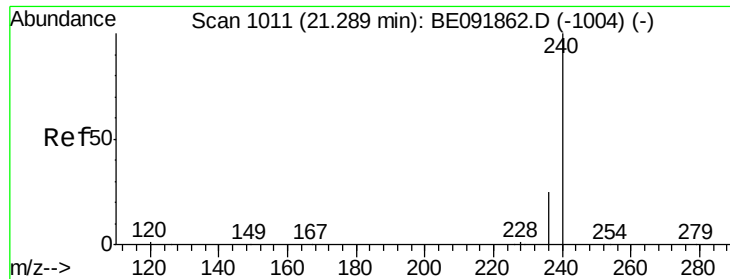
Ion Ratio Lower Upper

202 100

101 11.2 9.4 14.0

203 17.9 14.3 21.5





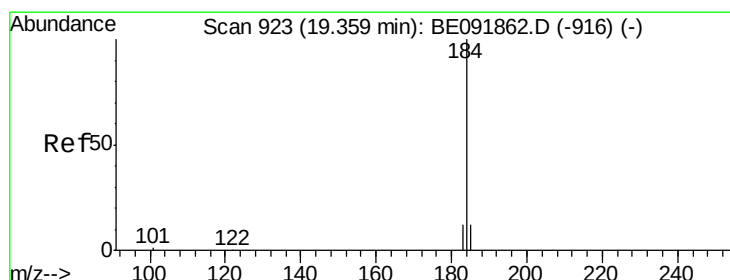
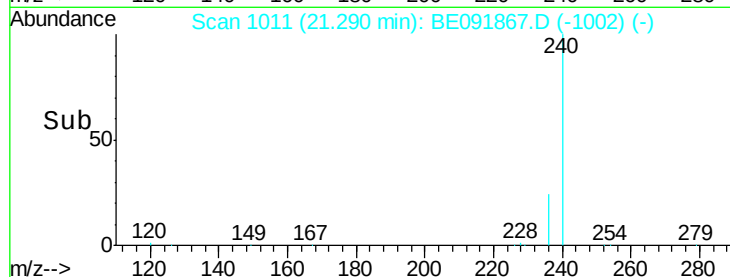
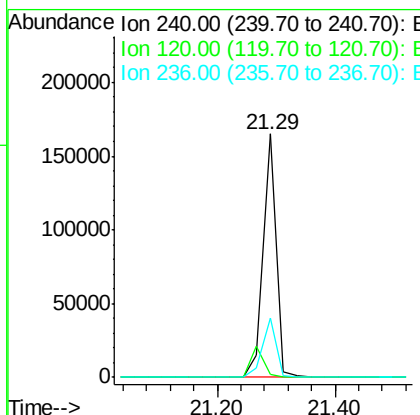
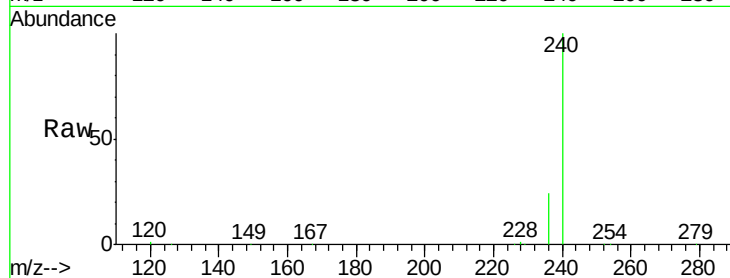
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.29 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
240	100		
120	1.3	1.2	1.8
236	24.2	19.8	29.8

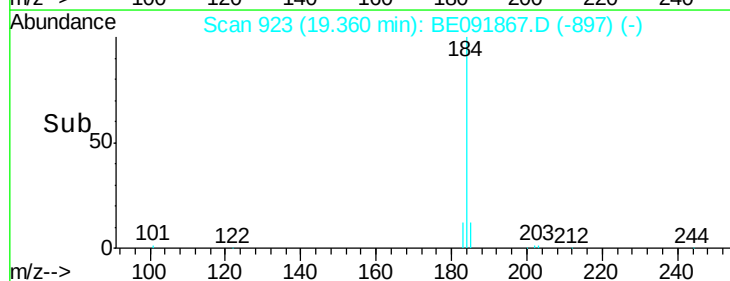
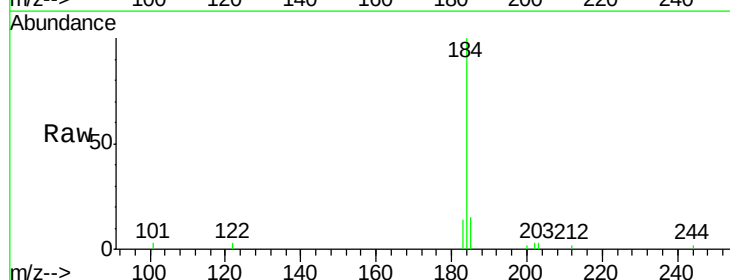
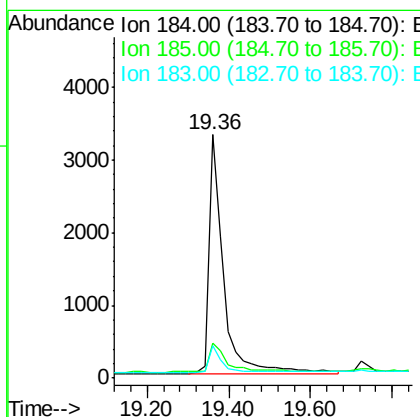
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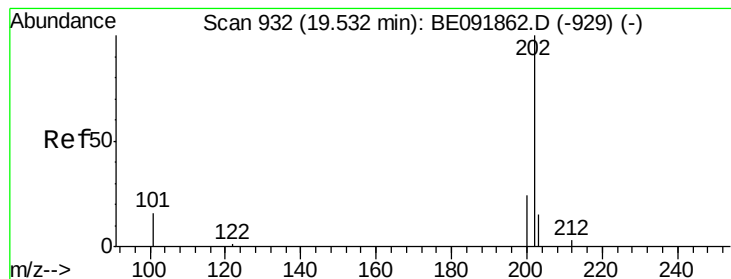
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#32
Benzidine
Concen: 0.45 ng
RT: 19.36 min Scan# 923
Delta R.T. 0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
184	100		
185	14.5	11.4	17.2
183	13.6	11.8	17.6





#33

Pvrene

Concen: 0.44 ng

RT: 19.53 min Scan# 932

Delta R.T. 0.00 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

Instrument :

BNA_E

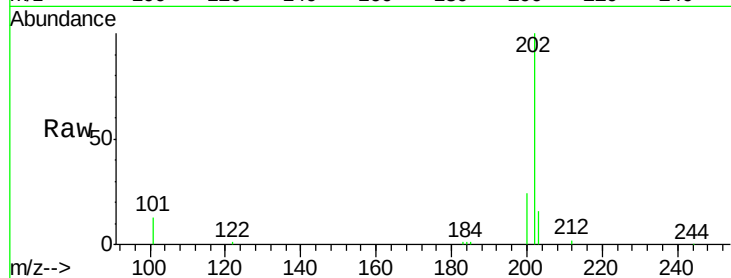
ClientSampleId :

SSTDCCC0.4EC

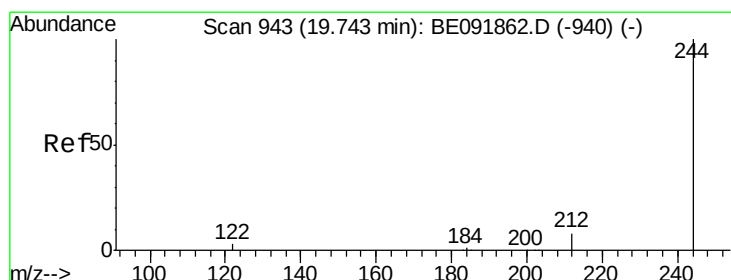
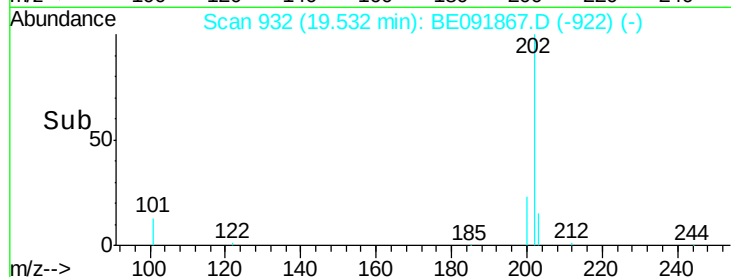
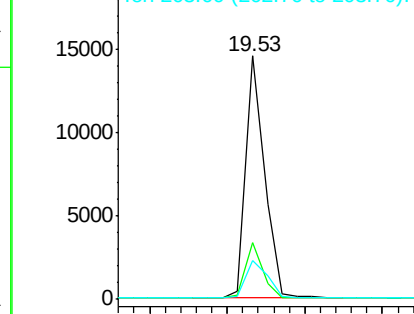
Tot Ion:	202	Resp:	24286
Ion Ratio	Lower	Upper	
202	100		
200	21.3	16.9	25.3
203	17.8	14.1	21.1

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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: 0.43 ng

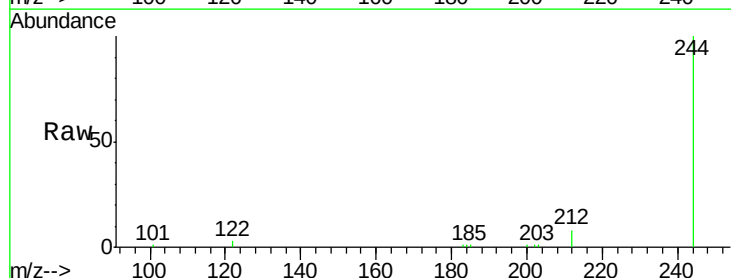
RT: 19.74 min Scan# 943

Delta R.T. 0.00 min

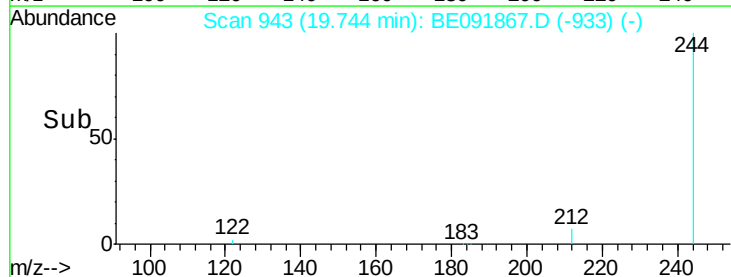
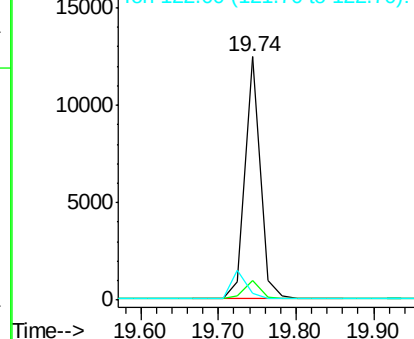
Lab File: BE091867.D

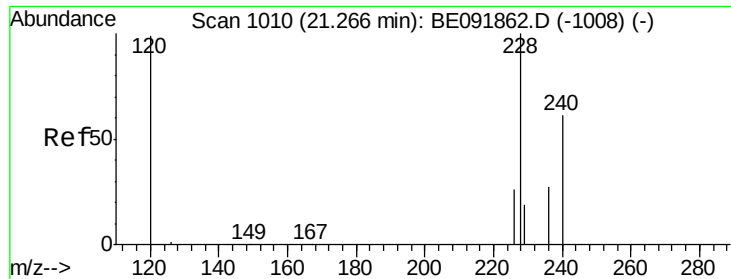
Acq: 25 May 2016 20:26

Tgt Ion:	244	Resp:	16768
Ion Ratio	Lower	Upper	
244	100		
212	8.1	6.5	9.7
122	2.8	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





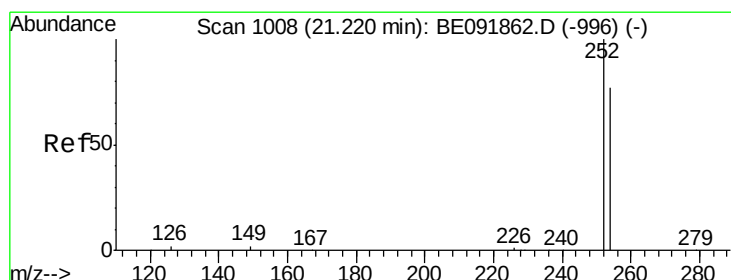
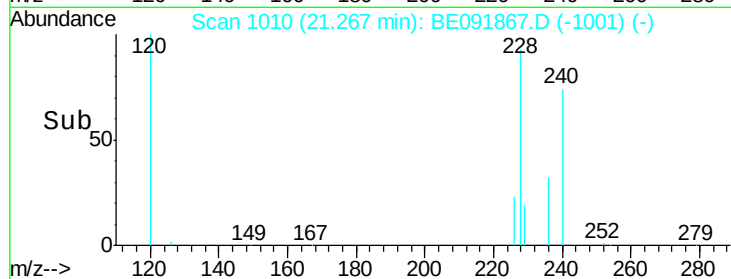
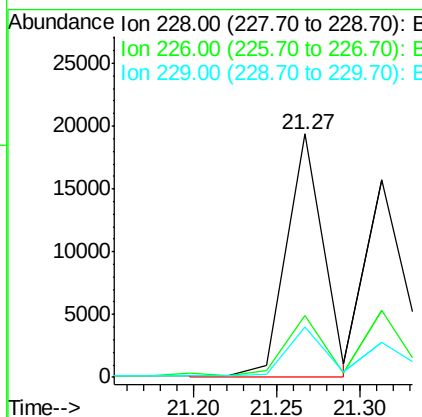
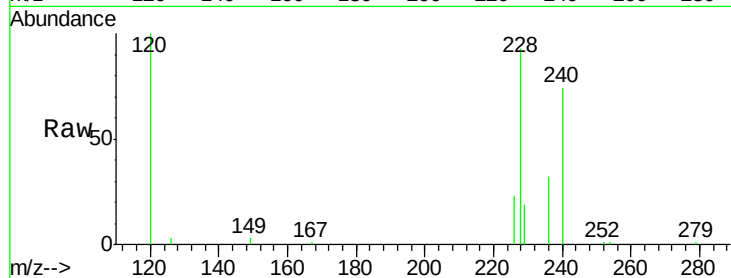
#35
Benzo(a)anthracene
Concen: 0.43 ng m
RT: 21.27 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	25.2	21.0	31.4
229	20.9	15.8	23.8

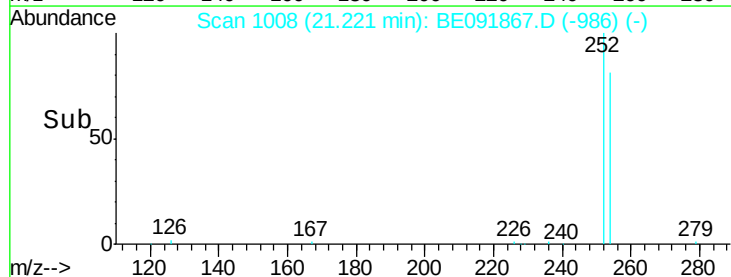
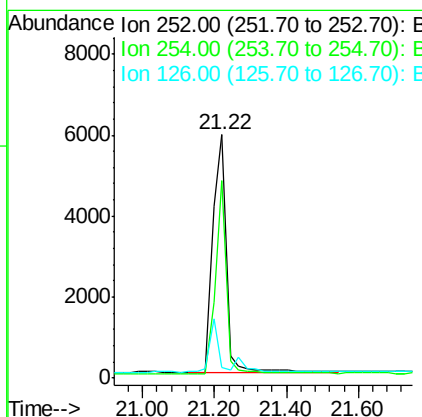
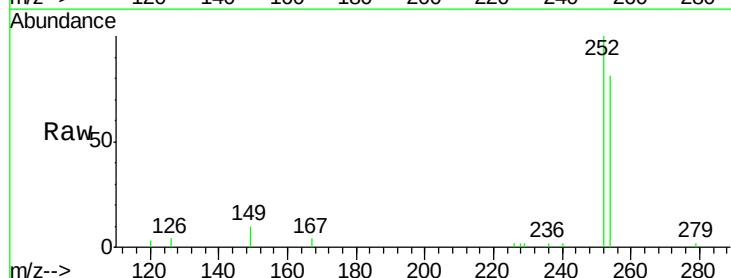
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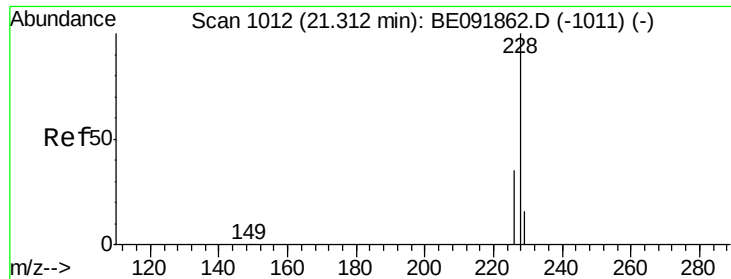
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#36
3,3'-Dichlorobenzidine
Concen: 0.41 ng
RT: 21.22 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	81.3	61.5	92.3
126	4.2	2.5	3.7





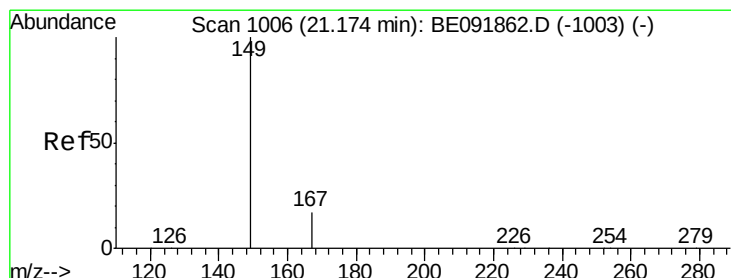
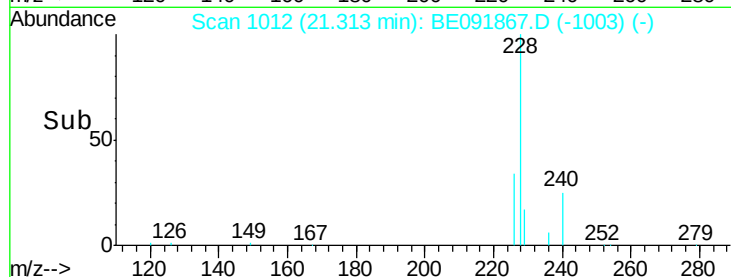
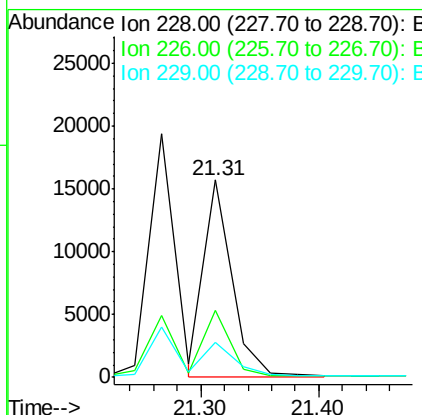
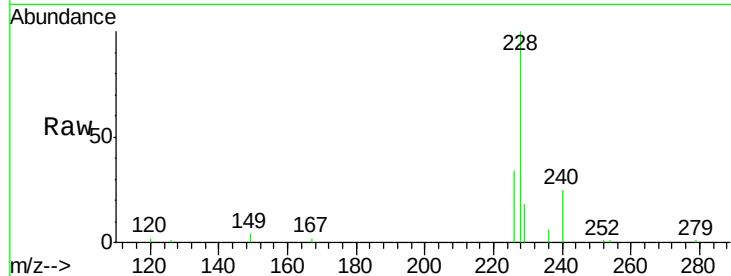
#37
 Chrysene
 Concen: 0.35 ng m
 RT: 21.31 min Scan# 1012
 Delta R.T. 0.00 min
 Lab File: BE091867.D
 Acq: 25 May 2016 20:26

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
228	100		
226	34.1	27.0	40.6
229	17.6	13.8	20.8

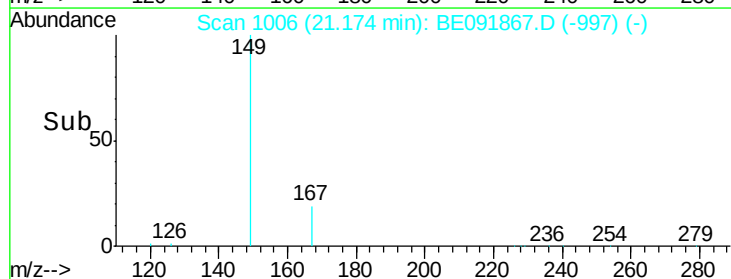
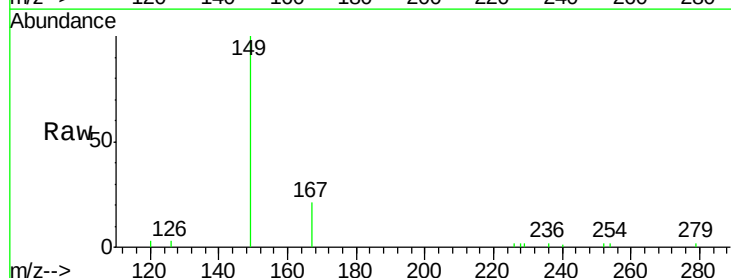
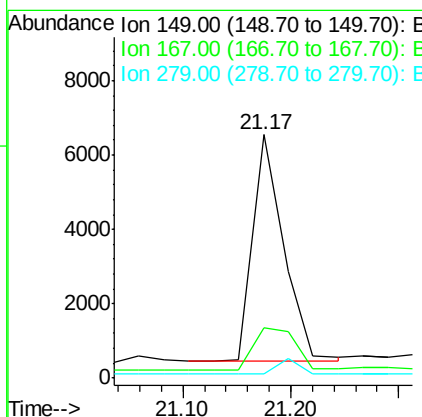
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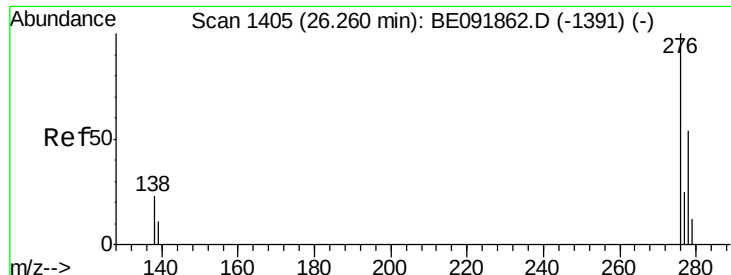
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#38
 Bis(2-ethylhexyl)phthalate
 Concen: 0.49 ng
 RT: 21.17 min Scan# 1006
 Delta R.T. 0.00 min
 Lab File: BE091867.D
 Acq: 25 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.7	0.0	0.0#
279	0.0	0.0	0.0





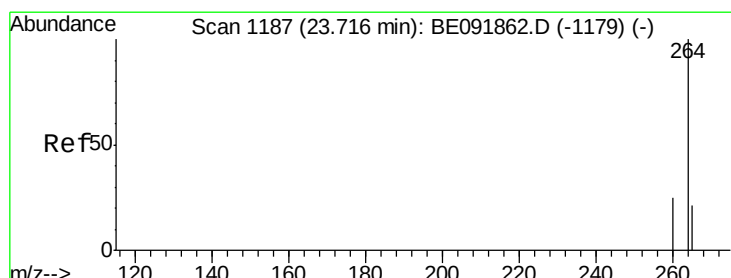
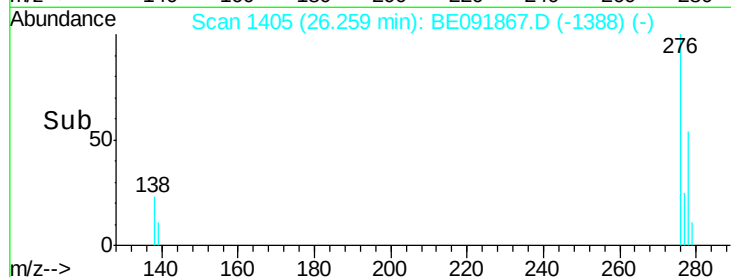
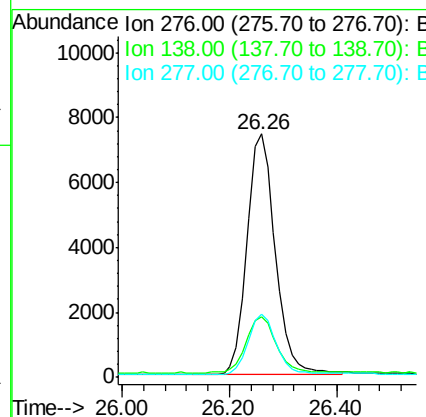
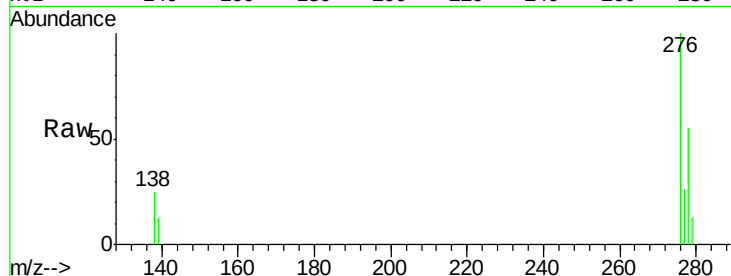
#39
Indeno(1,2,3-cd)pyrene
Concen: 0.42 ng
RT: 26.26 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Instrument :
BNA_E
ClientSampleId :
SSTDCCC0.4EC

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

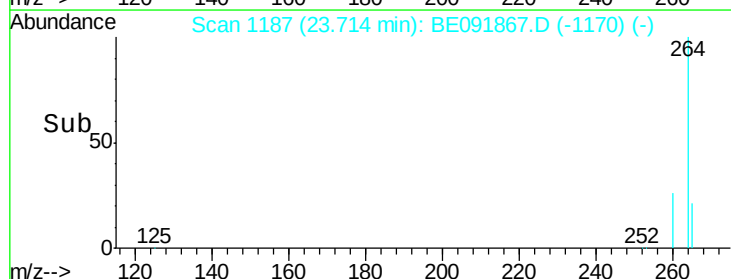
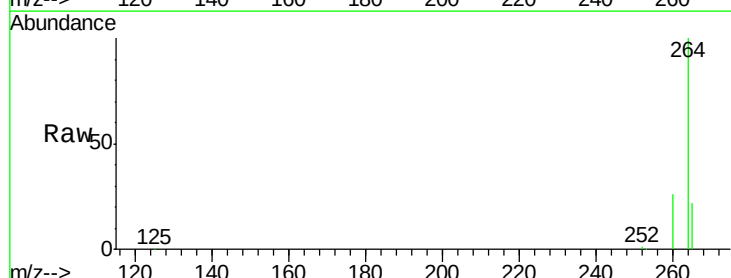
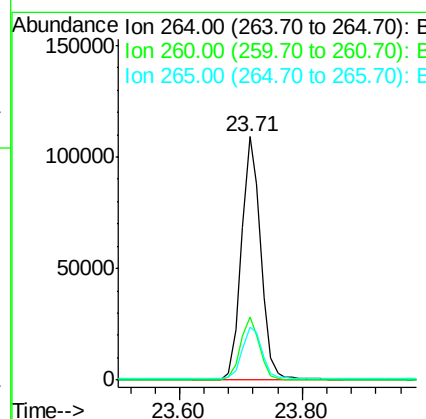
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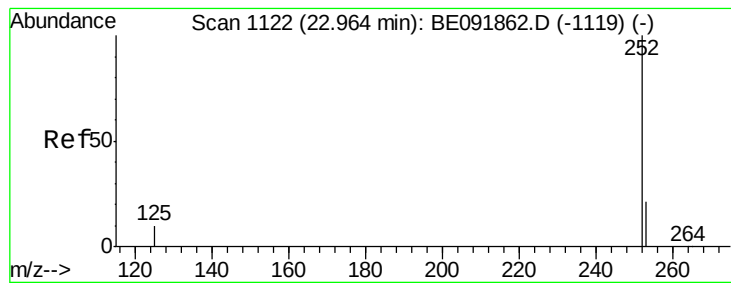
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#40
Perylene-d12
Concen: 5.00 ng
RT: 23.71 min Scan# 1187
Delta R.T. -0.00 min
Lab File: BE091867.D
Acq: 25 May 2016 20:26

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.3	30.5
265	22.0	17.6	26.4





#41

Benzo(b)fluoranthene

Concen: 0.41 ng

RT: 22.96 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

Instrument :

BNA_E

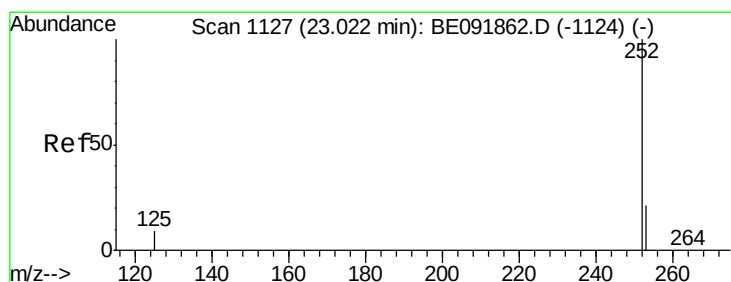
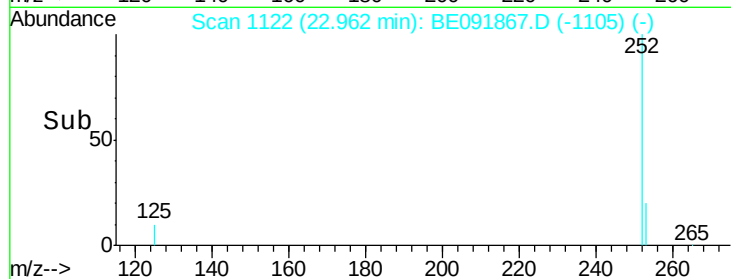
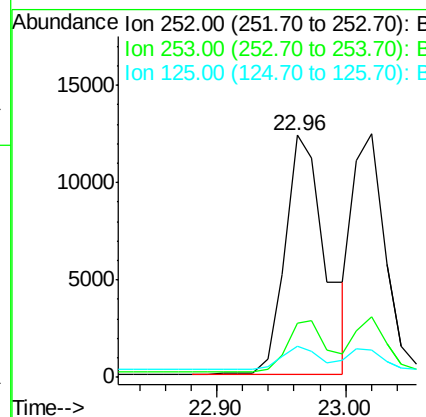
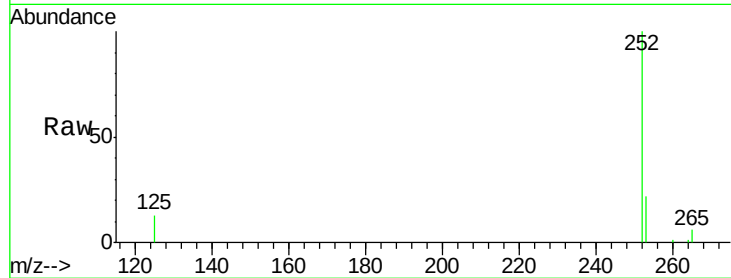
ClientSampleId :

SSTDCCC0.4EC

Tot Ion:	252	Resp:	26878
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	13.1	9.4	14.2

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#42

Benzo(k)fluoranthene

Concen: 0.37 ng

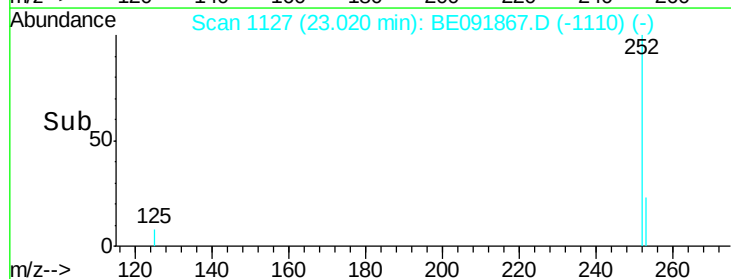
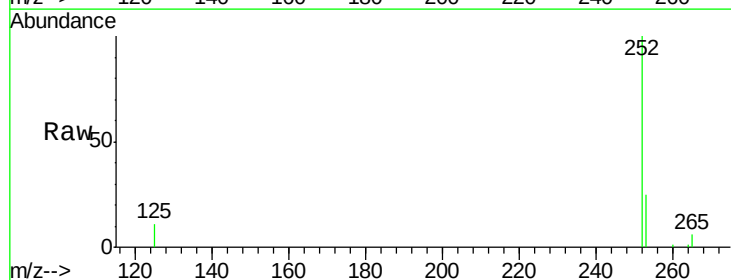
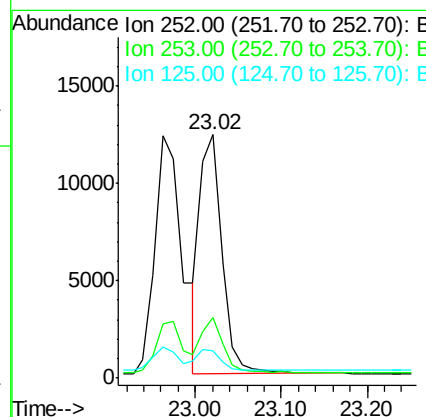
RT: 23.02 min Scan# 1127

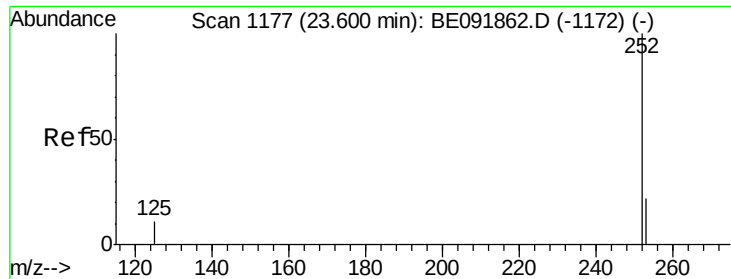
Delta R.T. -0.00 min

Lab File: BE091867.D

Acq: 25 May 2016 20:26

Tgt Ion:	252	Resp:	21730
Ion Ratio	Lower	Upper	
252	100		
253	24.8	19.4	29.2
125	11.5	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: BE091867.D

Acq: 25 May 2016 20:26

Instrument :

BNA_E

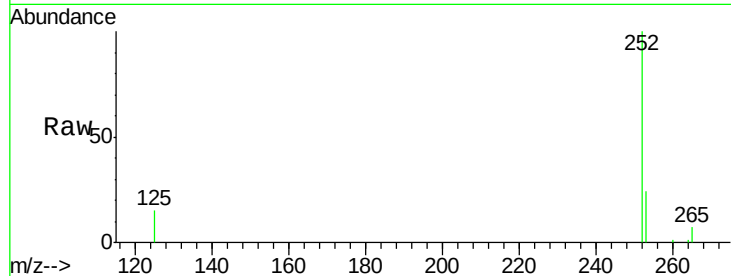
ClientSampleId :

SSTDCCC0.4EC

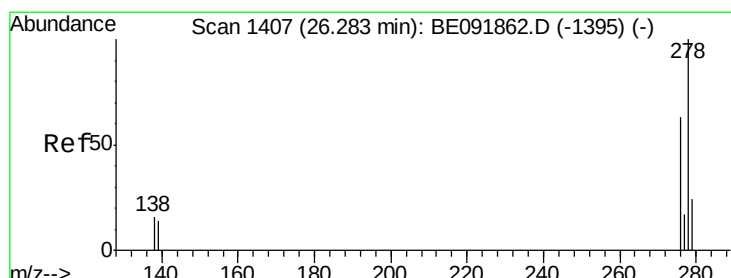
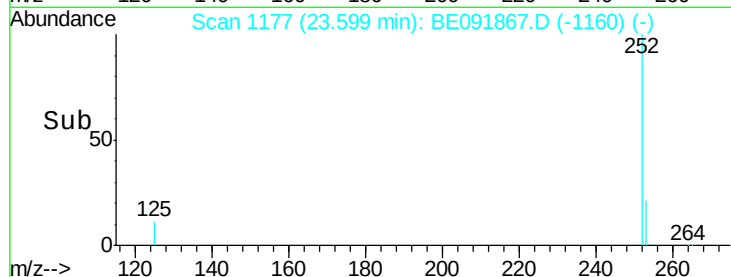
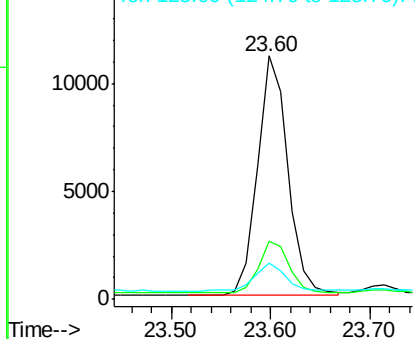
Tot Ion:	252	Resp:	23339
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.9	28.3
125	14.7	10.5	15.7

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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: 0.40 ng

RT: 26.28 min Scan# 1407

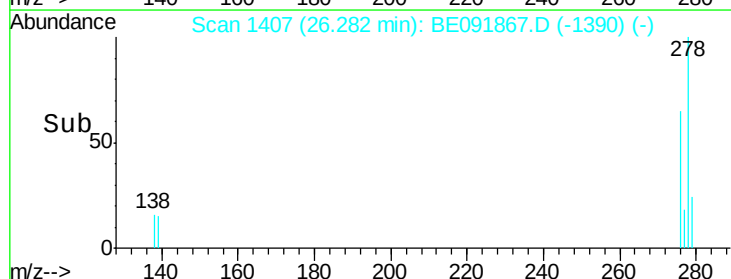
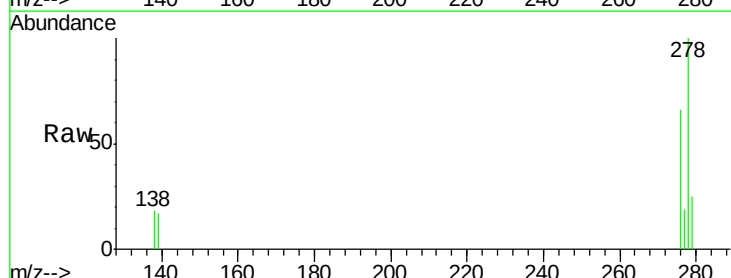
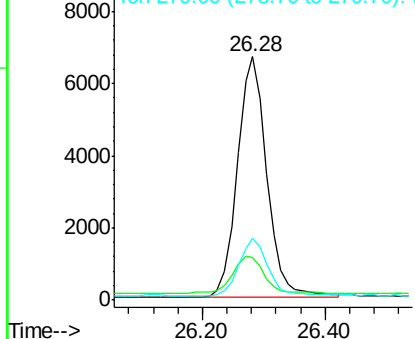
Delta R.T. -0.00 min

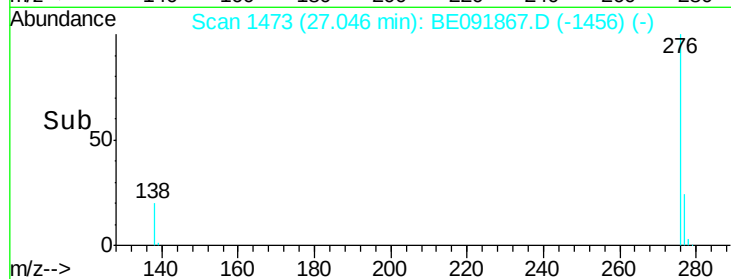
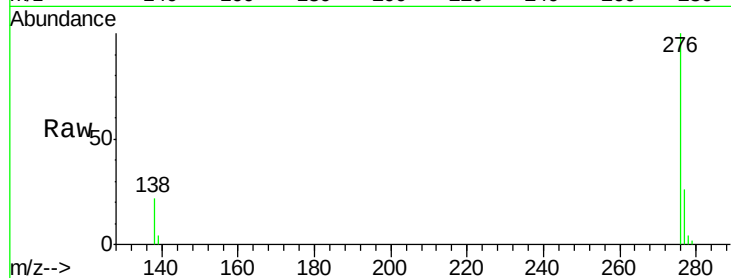
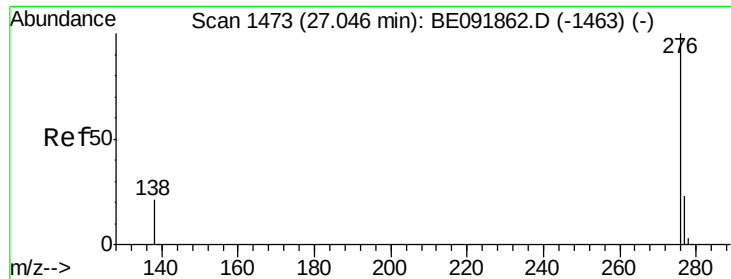
Lab File: BE091867.D

Acq: 25 May 2016 20:26

Tgt Ion:	278	Resp:	22328
Ion Ratio	Lower	Upper	
278	100		
139	17.5	12.6	18.8
279	25.2	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: 0.40 ng
 RT: 27.05 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BE091867.D
 Acq: 25 May 2016 20:26

Instrument :
 BNA_E
 ClientSampleId :
 SSTDCCC0.4EC

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.5	19.5	29.3
138	22.1	17.7	26.5

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