

Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
 Data File : BE091864.D
 Acq On : 25 May 2016 18:30
 Operator : UM/SJ
 Sample : SSTDICV0.4
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE052516

Manual Integrations
 APPROVED

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 5/26/2016 6:45:00 PM

Quant Time: May 25 19:47:24 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	22970	5.00	ng	0.00
8) Naphthalene-d8	10.55	136	105416	5.00	ng	0.00
15) Acenaphthene-d10	14.40	164	66892	5.00	ng	0.00
24) Phenanthrene-d10	17.14	188	207094	5.00	ng	0.00
31) Chrysene-d12	21.29	240	242289	5.00	ng	0.00
40) Perylene-d12	23.71	264	231766	5.00	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.39	112	2270	0.35	ng	0.00
5) Phenol-d6	6.95	99	2804	0.33	ng	0.00
9) Nitrobenzene-d5	8.94	82	2957	0.35	ng	0.00
16) 2,4,6-Tribromophenol	15.89	330	959	0.32	ng	0.00
17) 2-Fluorobiphenyl	13.03	172	7092	0.36	ng	0.00
34) Terphenyl-d14	19.74	244	13844	0.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.32	88	1189	0.42	ng	97
3) n-Nitrosodimethylamine	3.63	42	1346	0.32	ng	# 93
6) bis(2-Chloroethyl)ether	7.20	93	2462	0.34	ng	99
7) n-Nitroso-di-n-propylamine	8.57	70	2184	0.33	ng	# 94
10) Nitrobenzene	8.96	77	2717	0.33	ng	# 100
11) bis(2-Chloroethoxy)methane	9.98	93	4397	0.44	ng	# 68
12) Naphthalene	10.61	128	8264	0.36	ng	100
13) Hexachlorobutadiene	10.90	225	1293	0.37	ng	100
14) 2-Methylnaphthalene	12.22	142	5455	0.36	ng	99
18) Acenaphthylene	14.10	152	10951	0.35	ng	100
19) 2,6-Dinitrotoluene	13.98	165	1844m	0.40	ng	
20) Acenaphthene	14.46	154	6218	0.35	ng	# 5
21) 2,4-Dinitrotoluene	14.78	165	1408	0.42	ng	# 1
22) Fluorene	15.44	166	8160	0.35	ng	100
23) 4-Chlorophenyl-phenylether	15.44	204	4175	0.33	ng	97
25) 4-Bromophenyl-phenylether	16.31	248	2617	0.35	ng	98
26) Hexachlorobenzene	16.44	284	2533	0.36	ng	98
27) Pentachlorophenol	16.80	266	894m	0.33	ng	
28) Phenanthrene	17.17	178	15806	0.34	ng	100
29) Anthracene	17.26	178	14209	0.34	ng	99
30) Fluoranthene	19.19	202	18056	0.32	ng	99
32) Benzidine	19.38	184	6070	0.38	ng	# 92
33) Pyrene	19.53	202	19586	0.38	ng	99
35) Benzo(a)anthracene	21.27	228	24151m	0.37	ng	
36) 3,3'-Dichlorobenzidine	21.22	252	12357	0.35	ng	99
37) Chrysene	21.31	228	23980m	0.33	ng	
38) Bis(2-ethylhexyl)phthalate	21.17	149	8415	0.36	ng	# 100
39) Indeno(1,2,3-cd)pyrene	26.26	276	22797	0.38	ng	99
41) Benzo(b)fluoranthene	22.96	252	22766	0.36	ng	100
42) Benzo(k)fluoranthene	23.02	252	18952	0.33	ng	99
43) Benzo(a)pyrene	23.60	252	19438	0.34	ng	99
44) Dibenzo(a,h)anthracene	26.28	278	18750	0.35	ng	99
45) Benzo(a,h,i)perylene	27.05	276	19386	0.35	ng	99

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Manual Integrations
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Quant Time: May 25 19:47:24 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE052516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

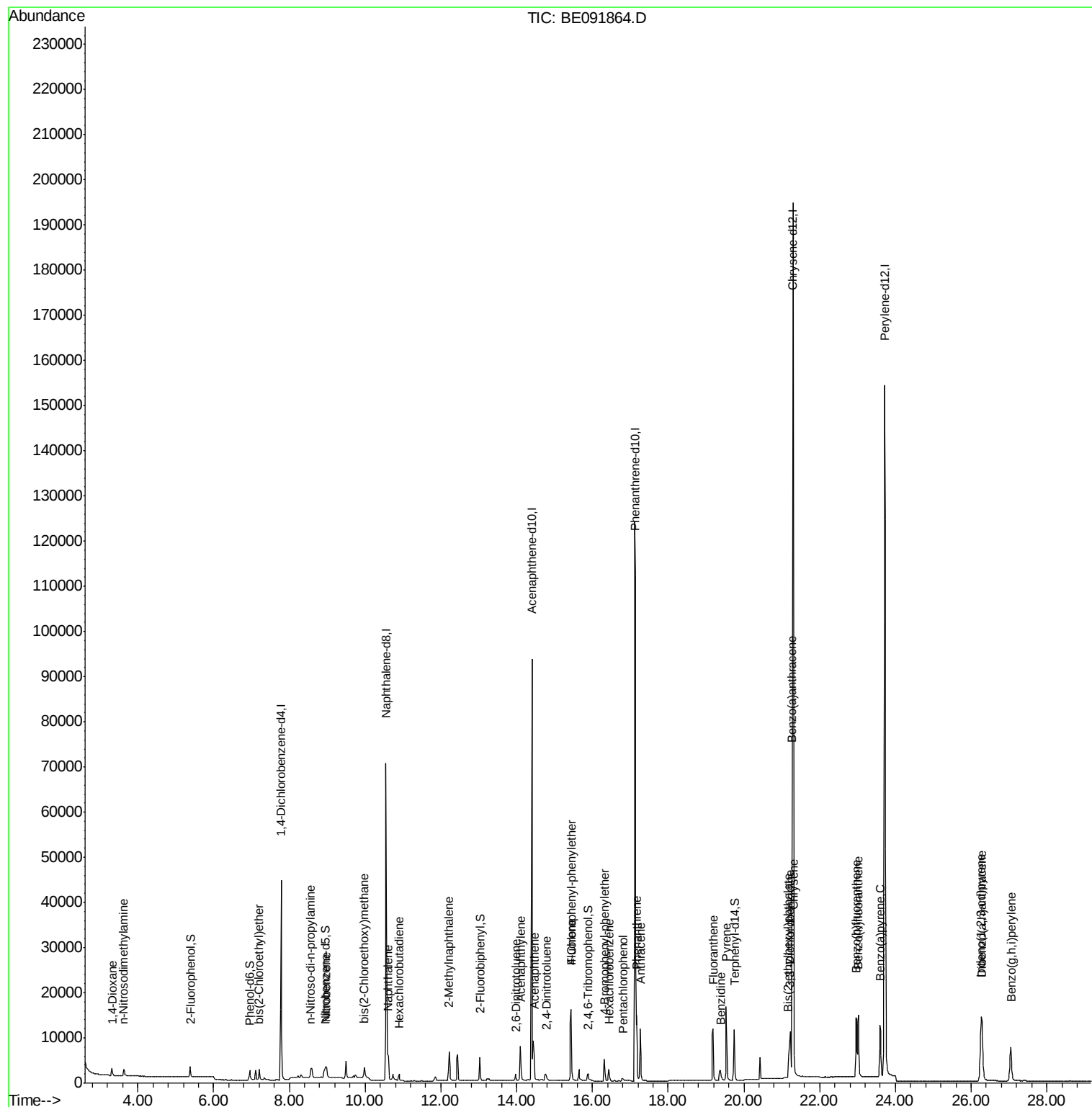
Data Path : Z:\HPCHEM1\BNA E\DATA\BE052516\
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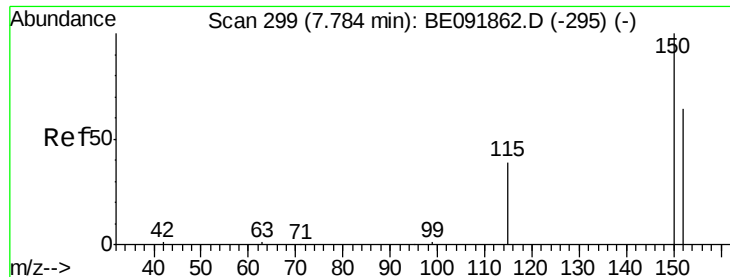
Instrument :
BNA_E
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

ClientSampleId :

ICVBE052516

Tot Ion:152 Resp: 22970

Ion Ratio Lower Upper

152 100

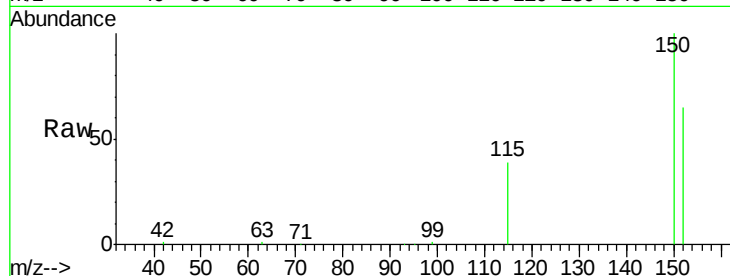
150 154.5 123.9 185.9

115 59.5 48.3 72.5

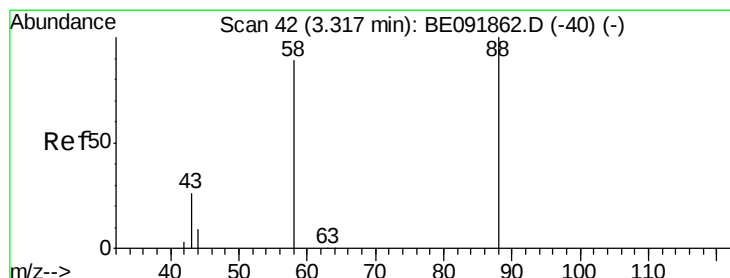
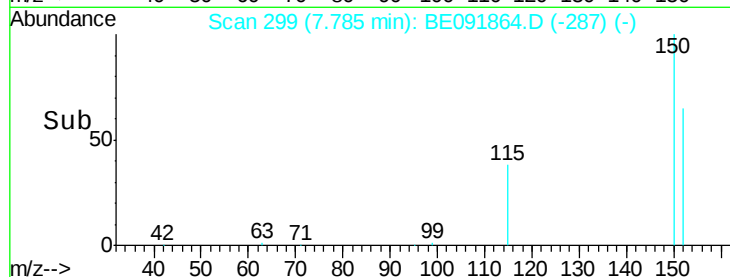
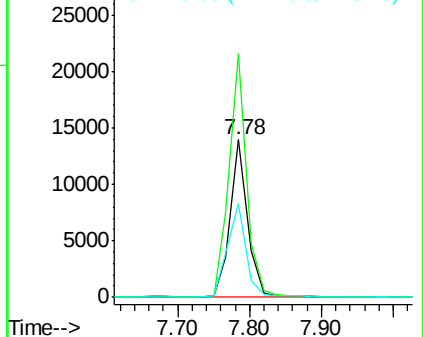
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 0.42 ng

RT: 3.32 min Scan# 42

Delta R.T. -0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

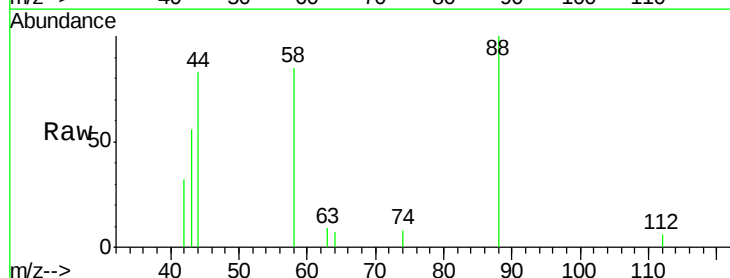
Tgt Ion: 88 Resp: 1189

Ion Ratio Lower Upper

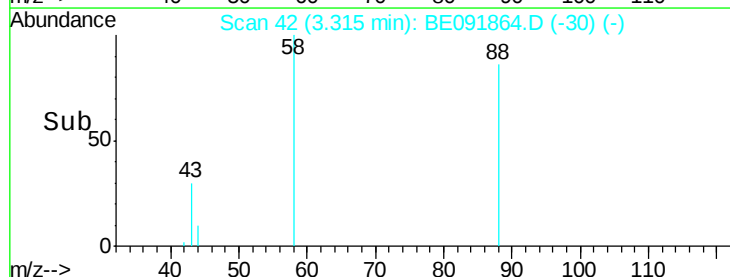
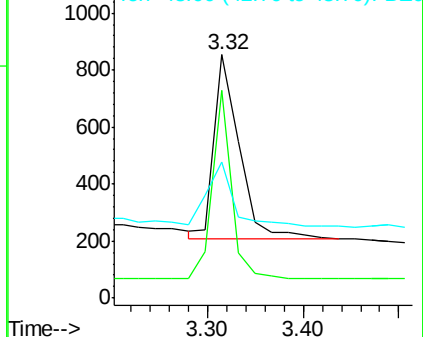
88 100

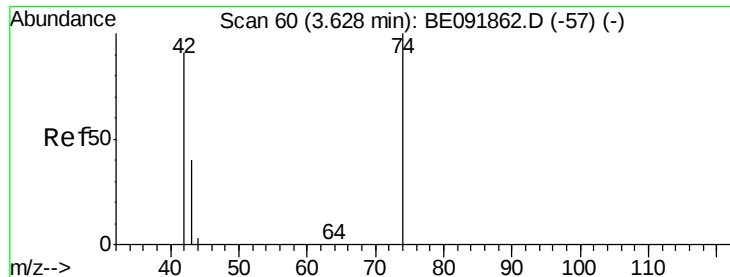
58 77.3 63.0 94.4

43 40.9 29.1 43.7



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

n-Nitrosodimethylamine

Concen: 0.32 ng

RT: 3.63 min Scan# 60

Delta R.T. -0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

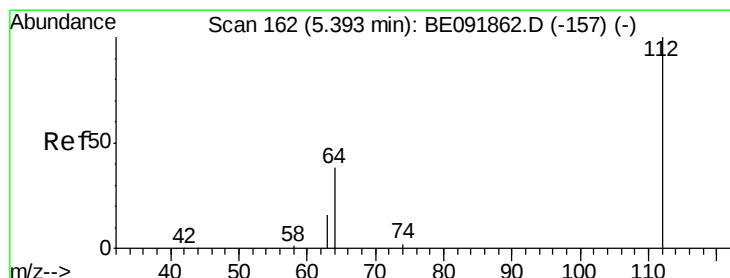
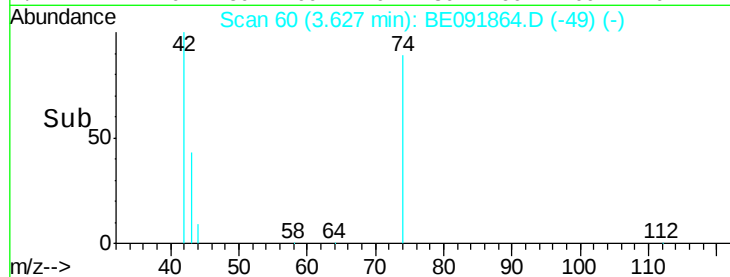
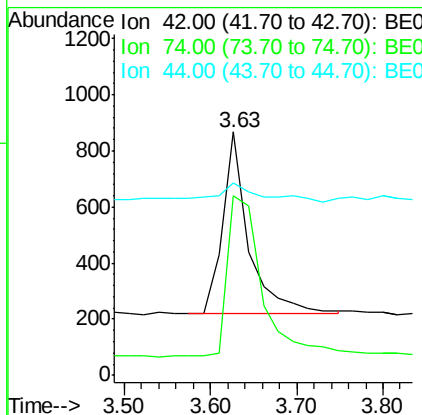
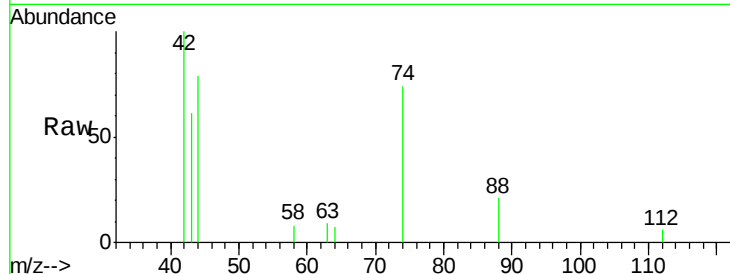
ClientSampleId :

ICVBE052516

Tot Ion:	42	Resp:	1346
Ion	Ratio	Lower	Upper
42	100		
74	123.0	93.4	140.0
44	19.8	5.0	7.6#

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#4

2-Fluorophenol

Concen: 0.35 ng

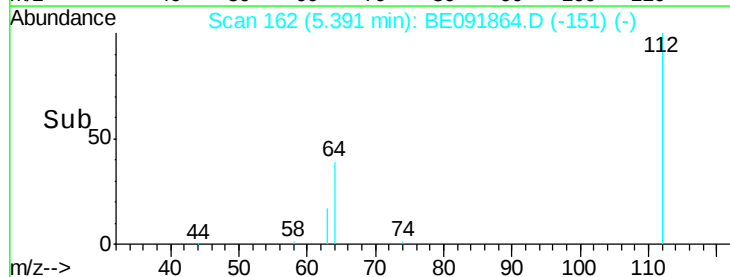
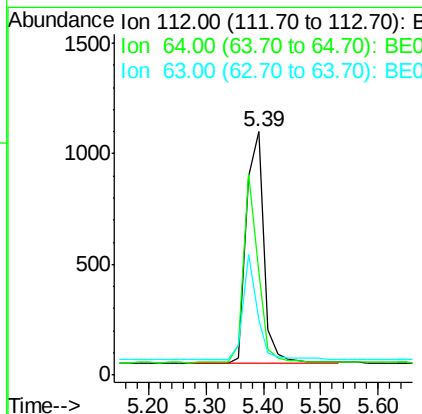
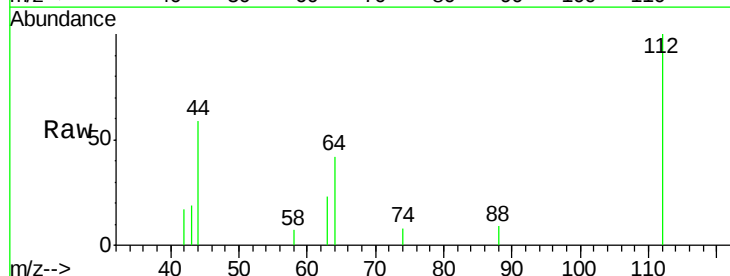
RT: 5.39 min Scan# 162

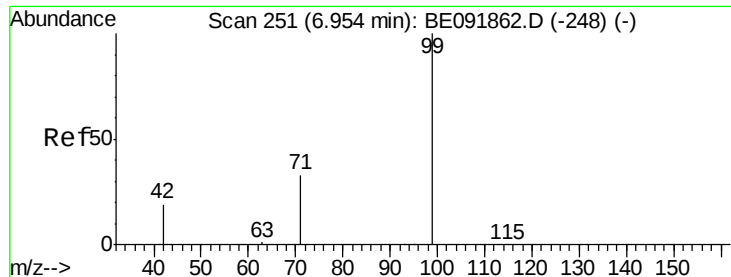
Delta R.T. -0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Tgt Ion:	112	Resp:	2270
Ion	Ratio	Lower	Upper
112	100		
64	67.0	53.7	80.5
63	36.3	29.5	44.3





#5

Phenol-d6

Concen: 0.33 ng

RT: 6.95 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

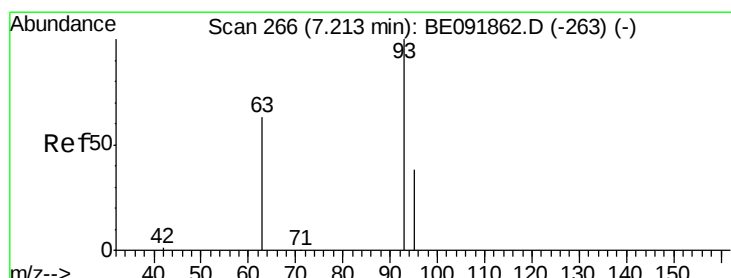
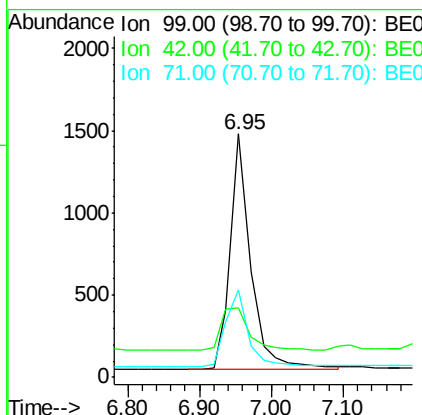
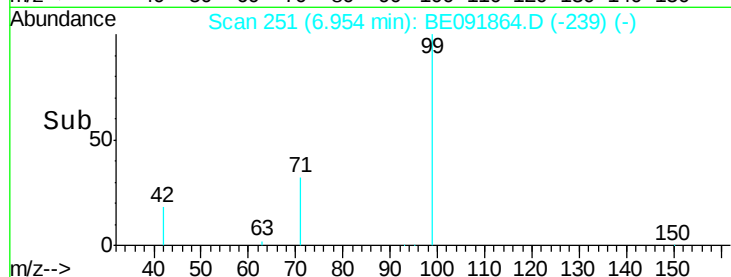
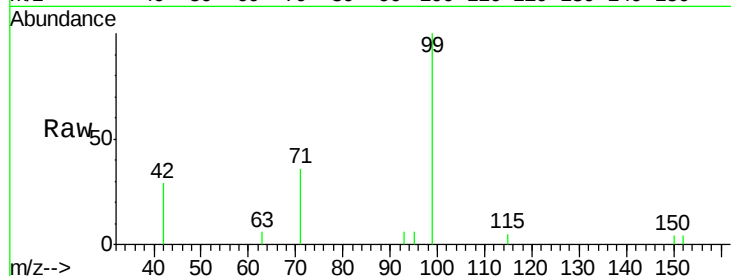
ClientSampleId :

ICVBE052516

Tot Ion:	99	Resp:	2804
Ion	Ratio	Lower	Upper
99	100		
42	26.1	19.6	29.4
71	35.7	28.1	42.1

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#6

bis(2-Chloroethyl)ether

Concen: 0.34 ng

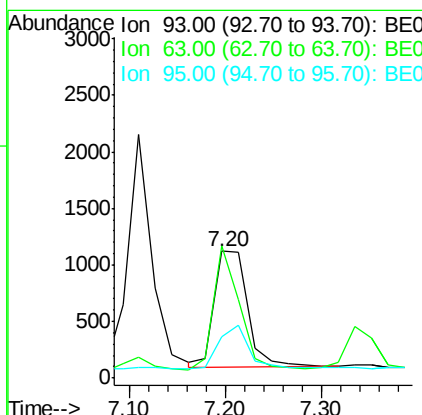
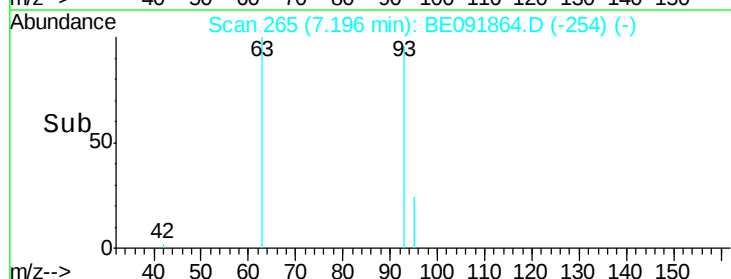
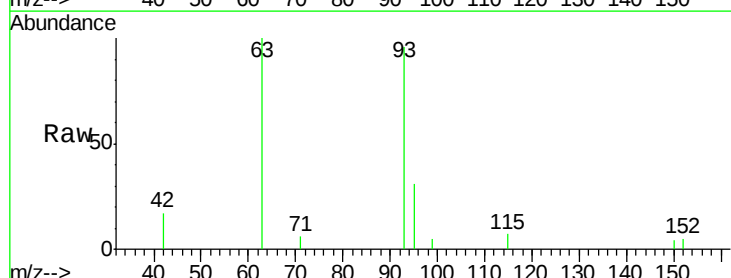
RT: 7.20 min Scan# 265

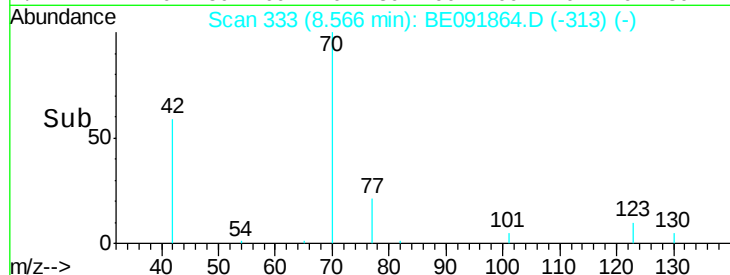
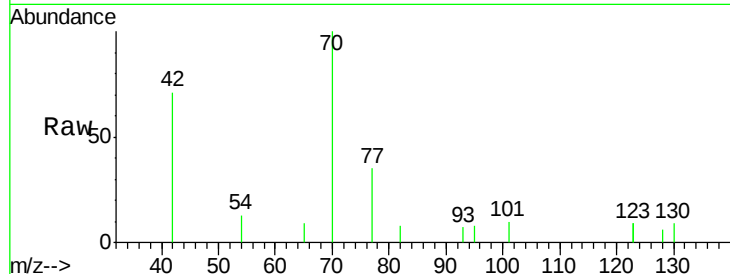
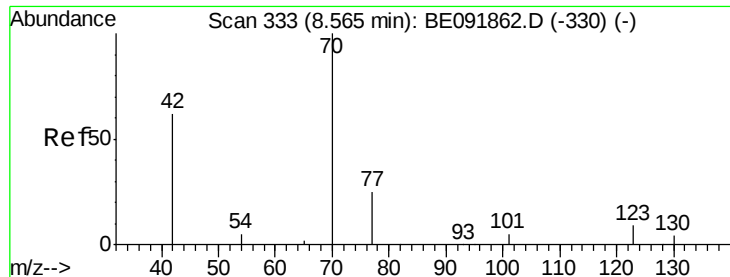
Delta R.T. -0.02 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Tgt Ion:	93	Resp:	2462
Ion	Ratio	Lower	Upper
93	100		
63	83.4	66.2	99.4
95	32.9	25.5	38.3





#7

n-Nitroso-di-n-propylamine

Concen: 0.33 ng

RT: 8.57 min Scan# 333

Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

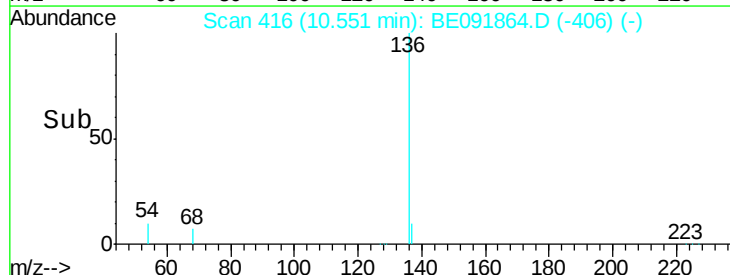
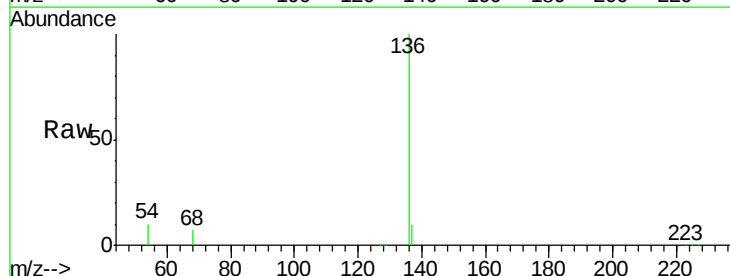
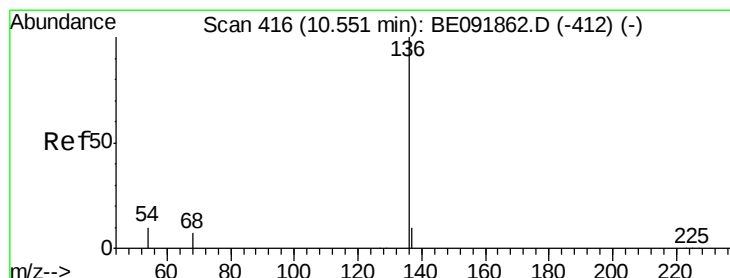
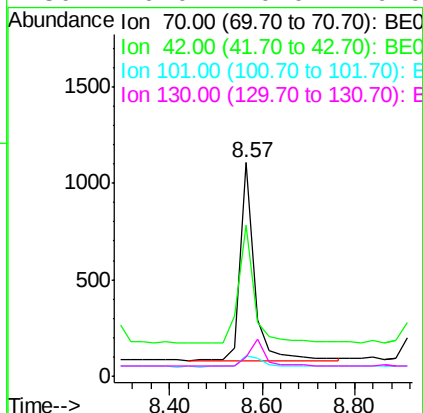
ClientSampleId :

ICVBE052516

Tot Ion:	70	Resp:	2184
Ion	Ratio	Lower	Upper
70	100		
42	67.9	58.4	87.6
101	8.7	6.4	9.6
130	0.0	0.0	0.0

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#8

Naphthalene-d8

Concen: 5.00 ng

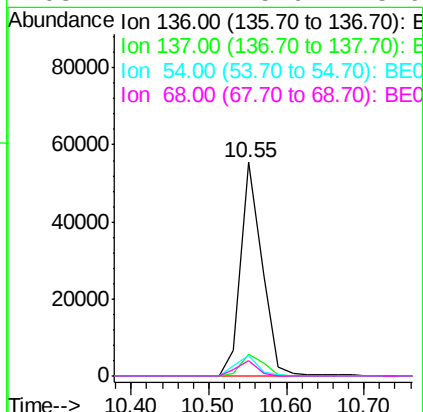
RT: 10.55 min Scan# 416

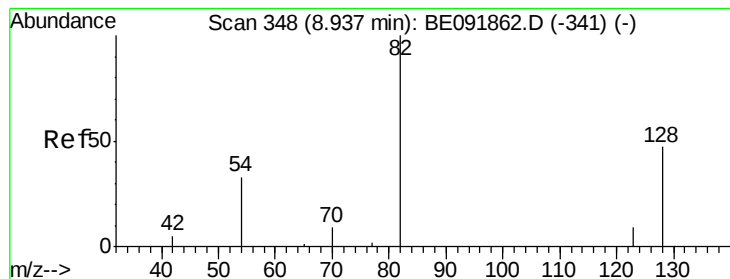
Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Tgt Ion:	136	Resp:	105416
Ion	Ratio	Lower	Upper
136	100		
137	10.3	8.3	12.5
54	9.8	8.2	12.4
68	7.2	5.9	8.9





#9

Nitrobenzene-d5

Concen: 0.35 ng

RT: 8.94 min Scan# 348

Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

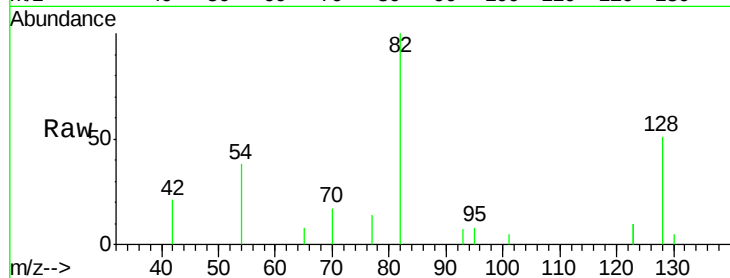
ClientSampled :

ICVBE052516

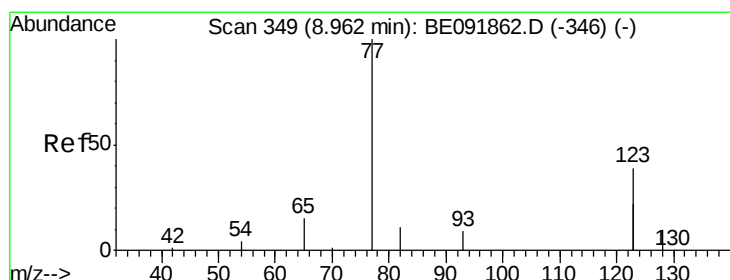
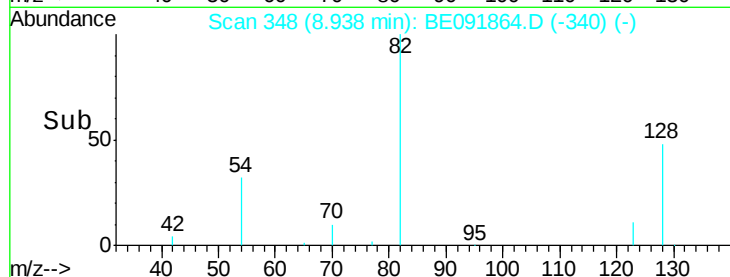
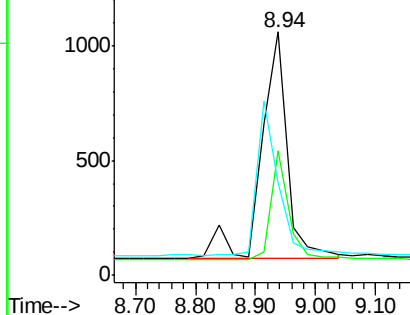
Tot Ion:	82	Resp:	2957
Ion	Ratio	Lower	Upper
82	100		
128	51.2	39.5	59.3
54	38.2	30.3	45.5

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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: 0.33 ng

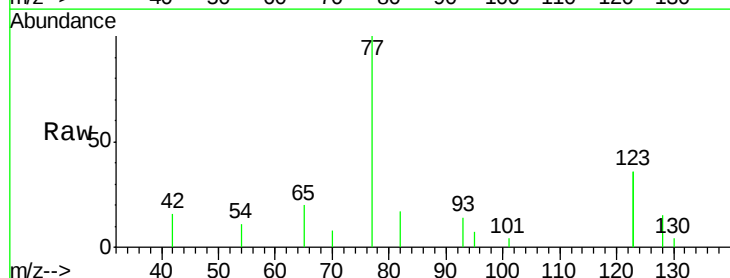
RT: 8.96 min Scan# 349

Delta R.T. 0.00 min

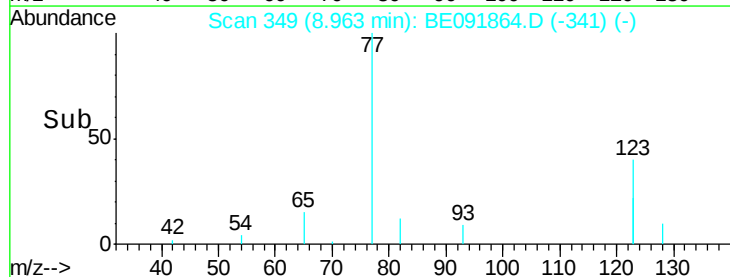
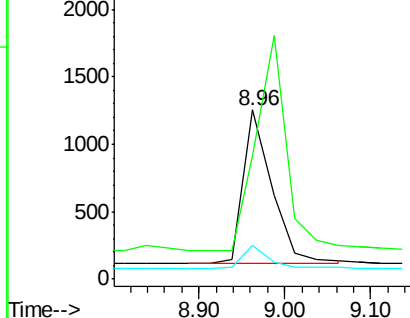
Lab File: BE091864.D

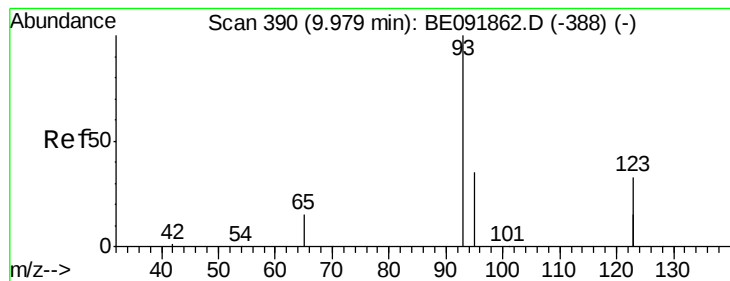
Acq: 25 May 2016 18:30

Tgt Ion:	77	Resp:	2717
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: 0.44 ng

RT: 9.98 min Scan# 390

Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

ClientSampleId :

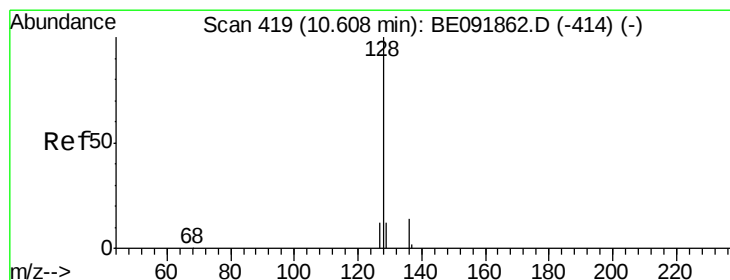
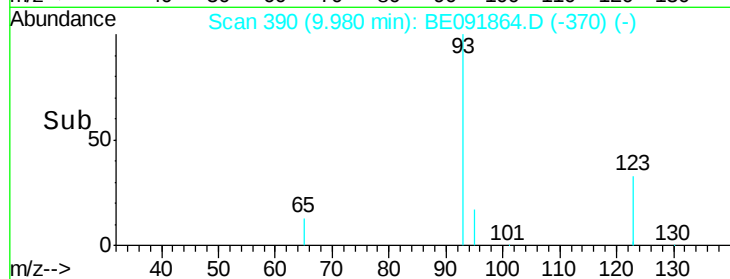
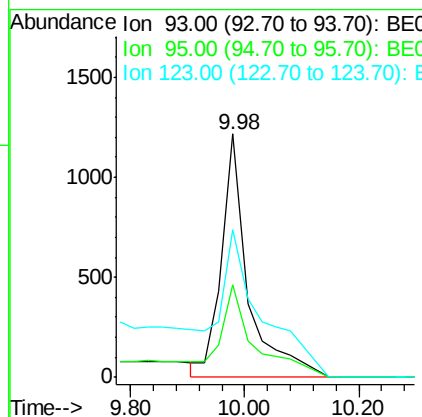
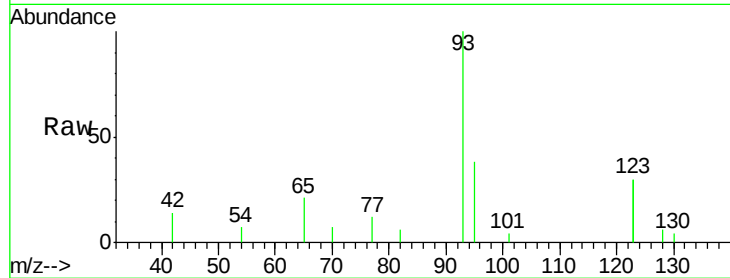
ICVBE052516

Tot Ion: 93 Resp: 4397

Ion	Ratio	Lower	Upper
93	100		
95	47.4	57.6	86.4#
123	87.4	100.2	150.4#

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#12

Naphthalene

Concen: 0.36 ng

RT: 10.61 min Scan# 419

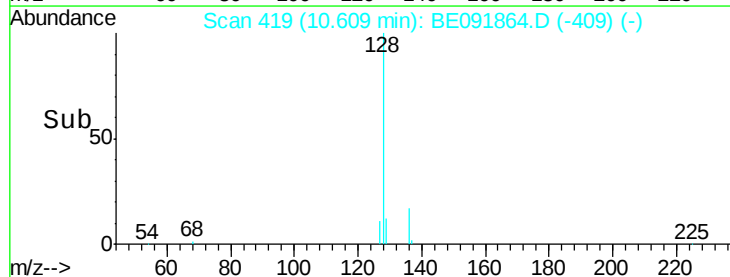
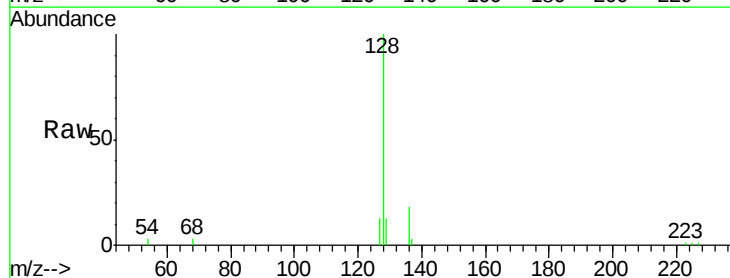
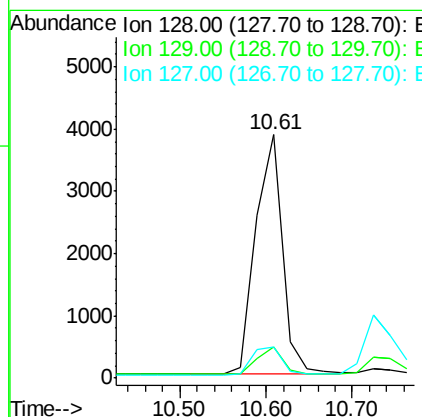
Delta R.T. 0.00 min

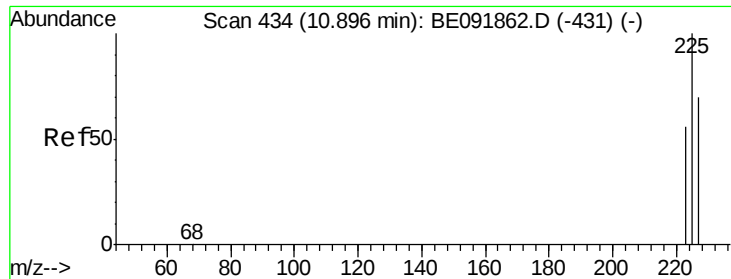
Lab File: BE091864.D

Acq: 25 May 2016 18:30

Tgt Ion: 128 Resp: 8264

Ion	Ratio	Lower	Upper
128	100		
129	12.9	10.4	15.6
127	12.6	10.2	15.2





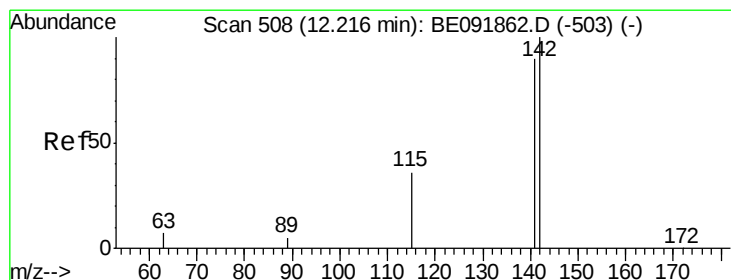
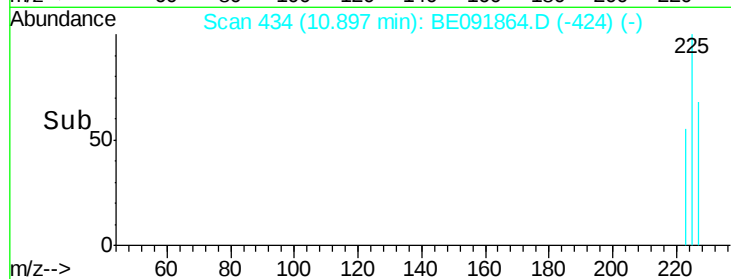
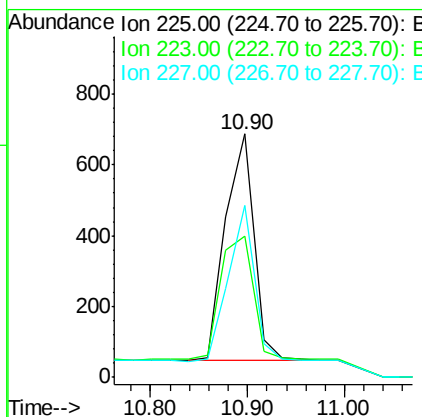
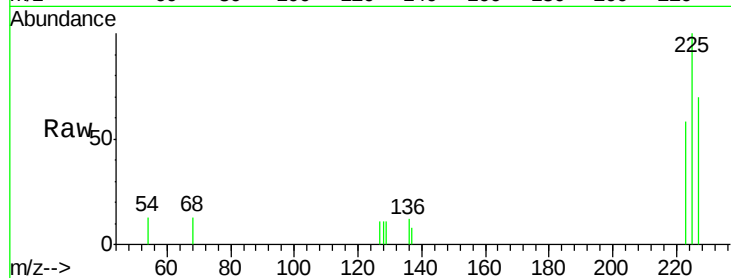
#13
Hexachlorobutadiene
Concen: 0.37 ng
RT: 10.90 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

Instrument :
BNA_E
ClientSampleId :
ICVBE052516

Tot Ion	Ratio	Lower	Upper
225	100		
223	62.6	49.8	74.8
227	63.0	50.6	75.8

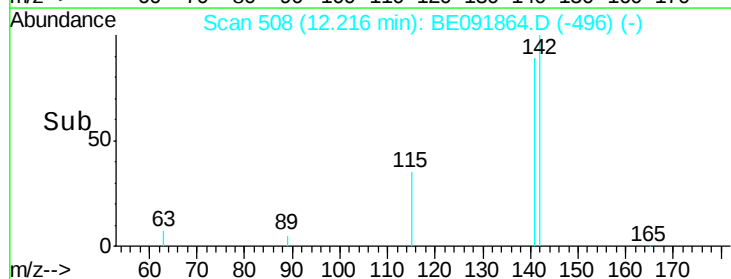
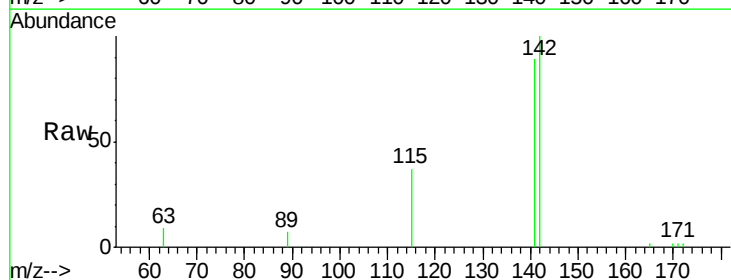
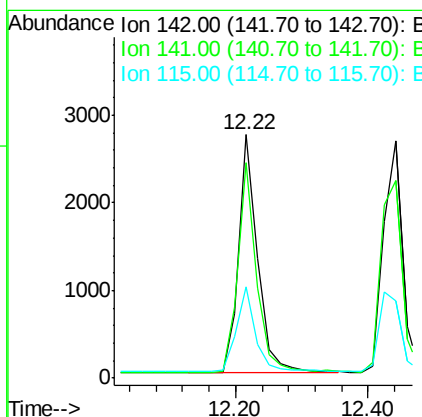
Manual Integrations
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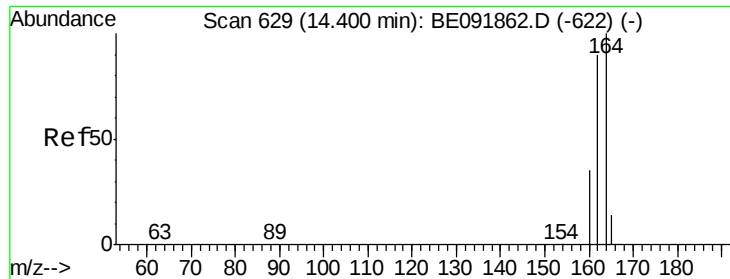
sohil
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#14
2-Methylnaphthalene
Concen: 0.36 ng
RT: 12.22 min Scan# 508
Delta R.T. -0.00 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.9	107.9
115	37.3	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: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

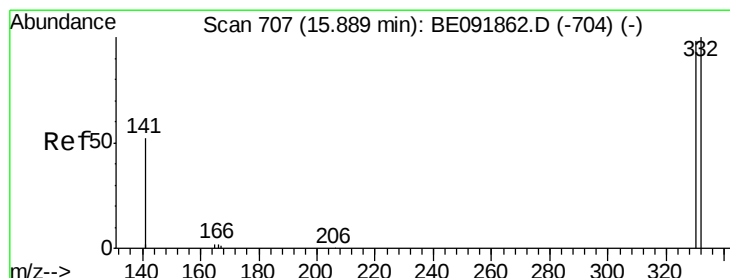
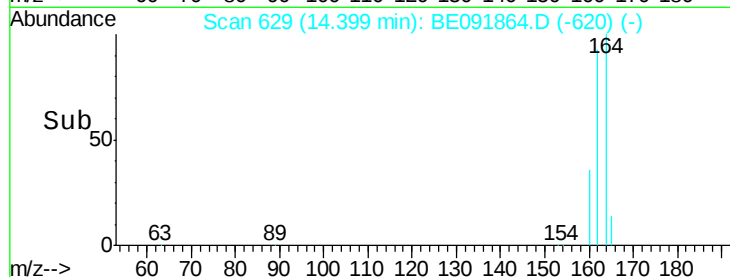
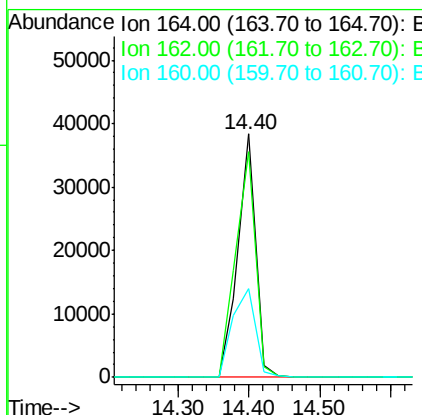
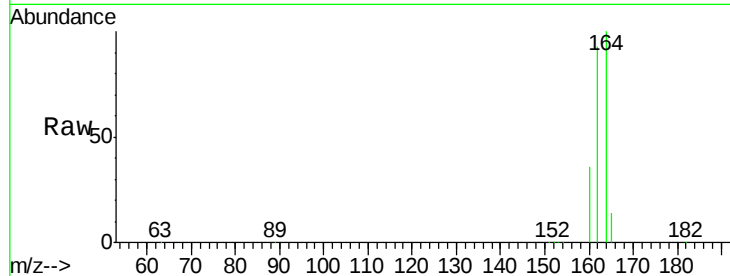
ClientSampleId :

ICVBE052516

Tot Ion	Ratio	Lower	Upper
164	100		
162	92.8	71.8	107.8
160	36.4	28.0	42.0

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#16

2,4,6-Tribromophenol

Concen: 0.32 ng

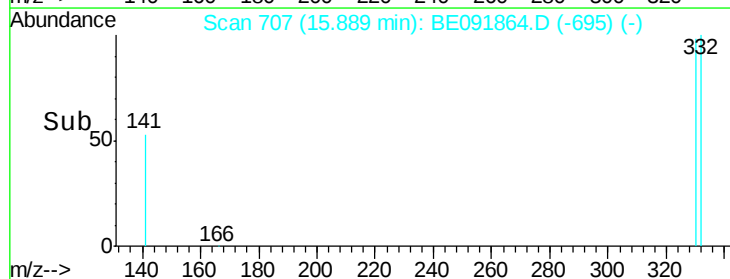
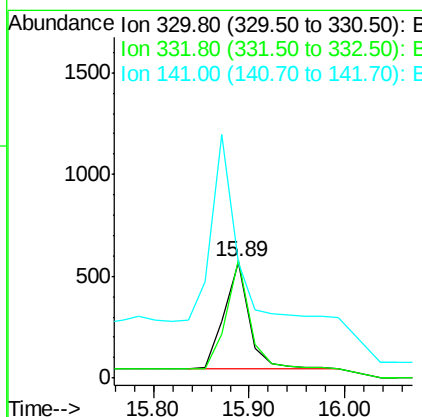
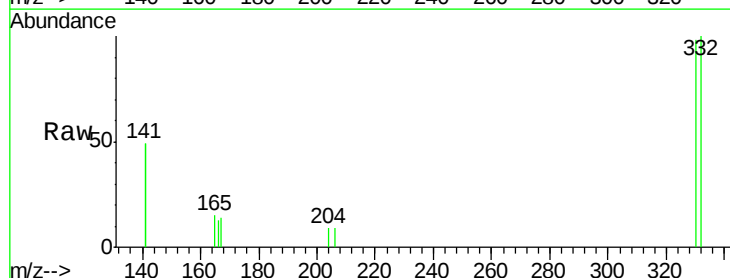
RT: 15.89 min Scan# 707

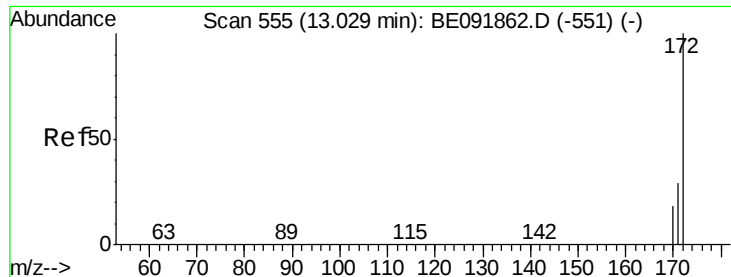
Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.0	115.6
141	172.6	138.4	207.6





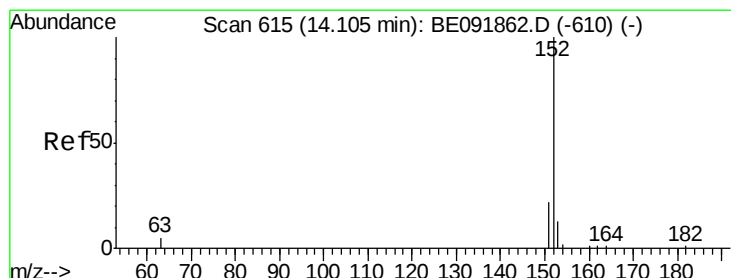
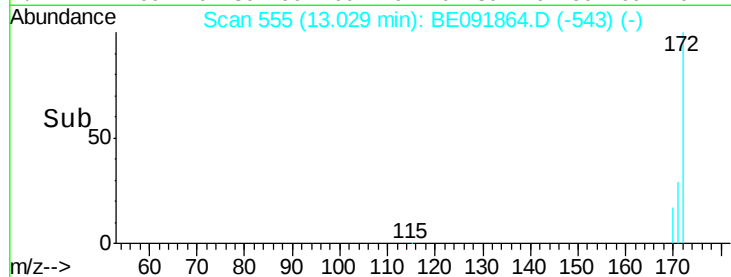
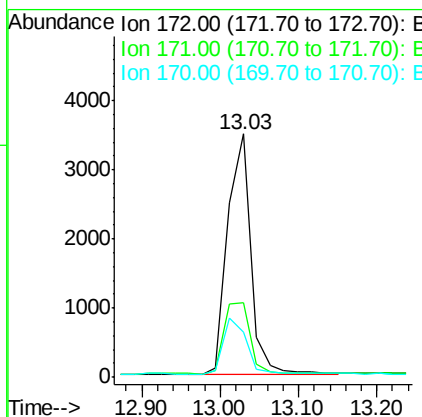
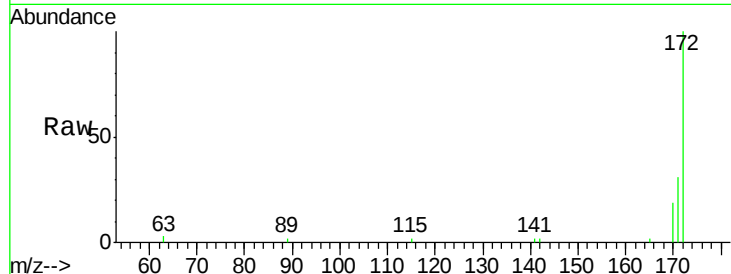
#17
2-Fluorobiphenyl
Concen: 0.36 ng
RT: 13.03 min Scan# 555
Delta R.T. -0.00 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

Instrument :
BNA_E
ClientSampleId :
ICVBE052516

Tot Ion	Ratio	Lower	Upper
172	100		
171	30.5	24.3	36.5
170	18.6	14.9	22.3

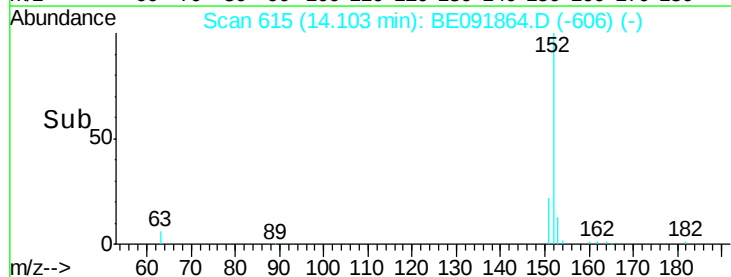
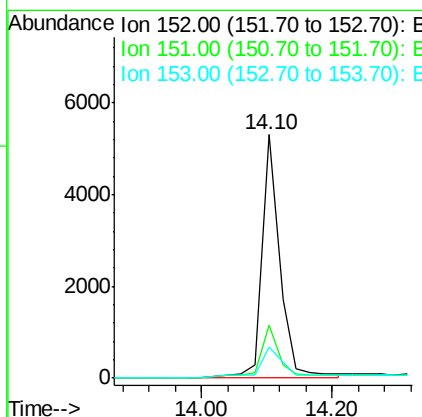
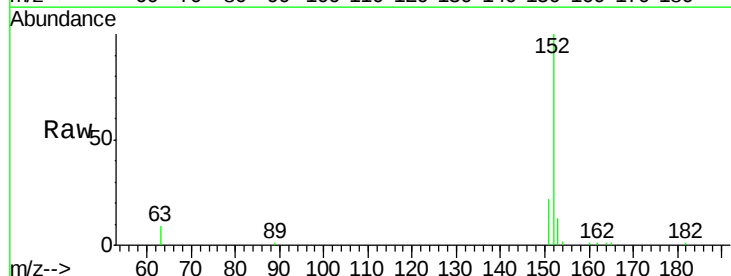
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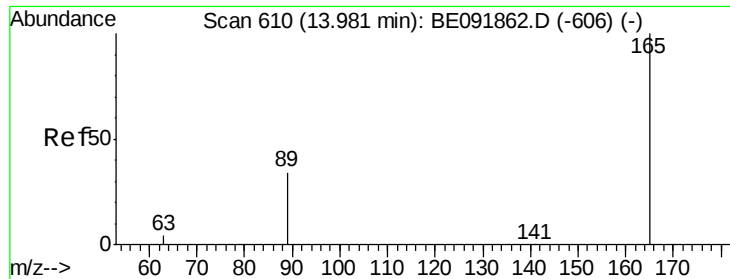
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#18
Acenaphthylene
Concen: 0.35 ng
RT: 14.10 min Scan# 615
Delta R.T. -0.00 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

Tgt Ion	Ratio	Lower	Upper
152	100		
151	24.3	19.4	29.2
153	18.4	14.4	21.6





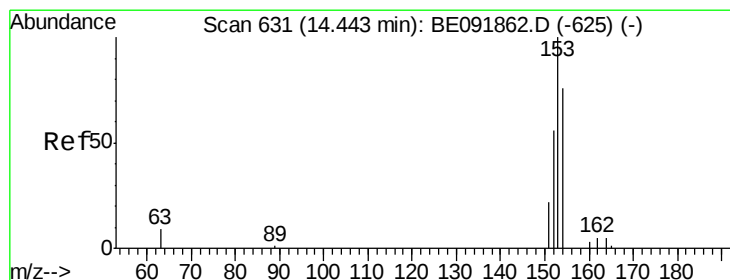
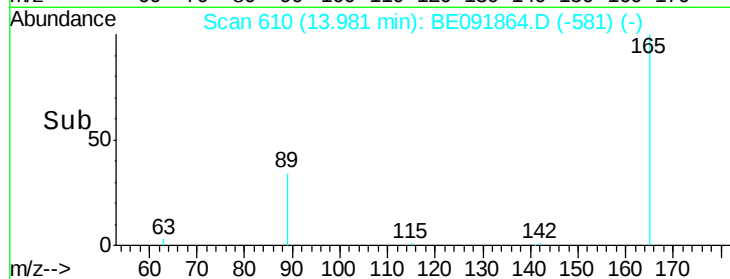
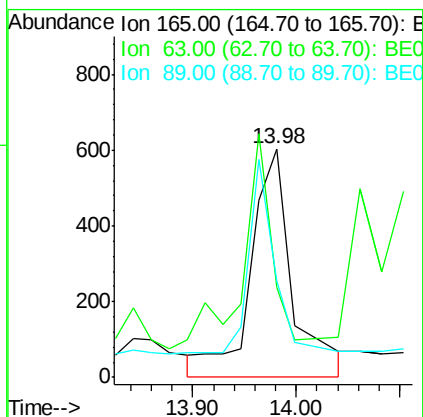
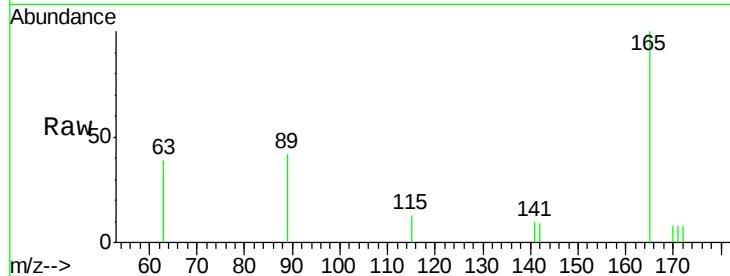
#19
2,6-Dinitrotoluene
Concen: 0.40 ng/mL
RT: 13.98 min Scan# 610
Delta R.T. 0.00 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

Instrument :
BNA_E
ClientSampleId :
ICVBE052516

Tot Ion	Ratio	Lower	Upper
165	100		
63	60.8	65.9	98.9#
89	55.6	59.1	88.7#

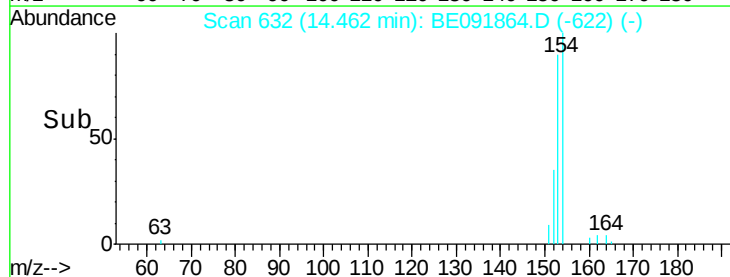
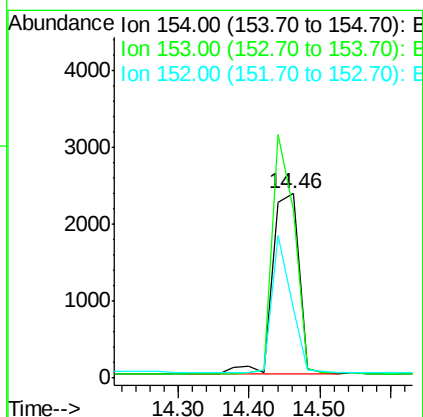
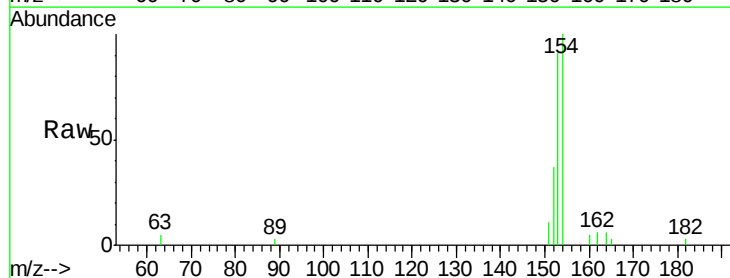
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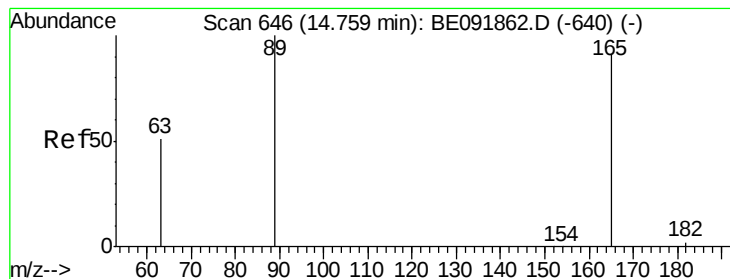
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#20
Acenaphthene
Concen: 0.35 ng
RT: 14.46 min Scan# 632
Delta R.T. 0.02 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

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





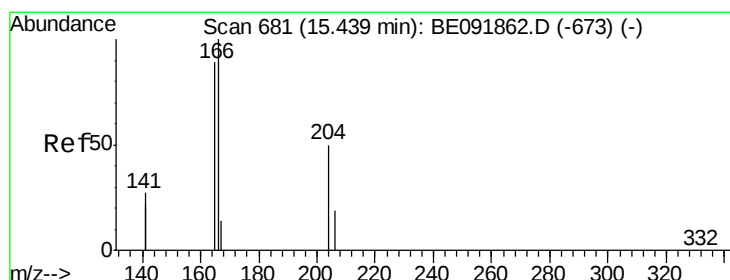
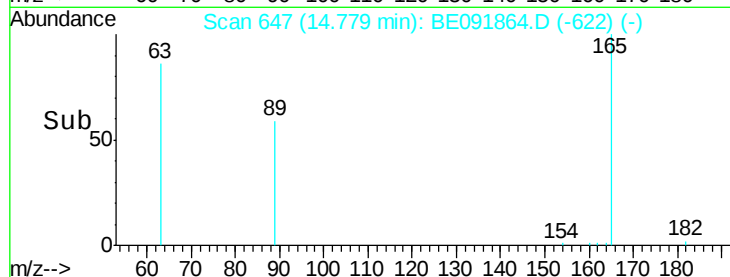
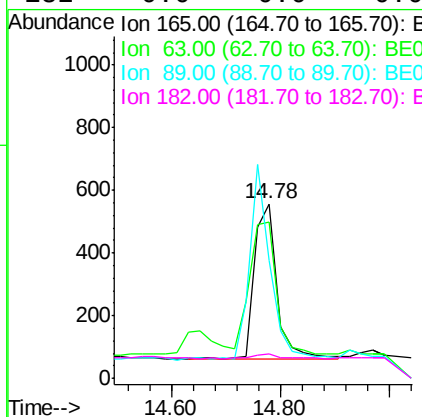
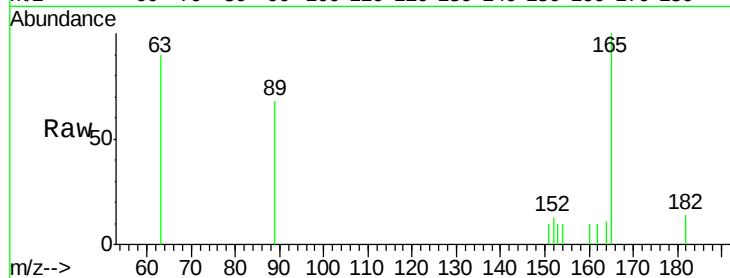
#21
2,4-Dinitrotoluene
Concen: 0.42 ng
RT: 14.78 min Scan# 647
Delta R.T. 0.02 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

Instrument :
BNA_E
ClientSampleId :
ICVBE052516

Tot Ion	Ratio	Lower	Upper
165	100		
63	100.4	0.0	0.0#
89	0.0	99.8	149.8#
182	0.0	0.0	0.0

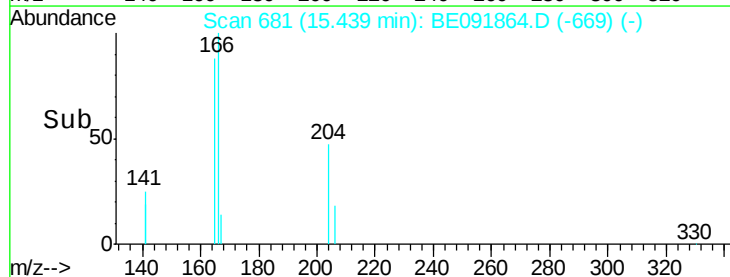
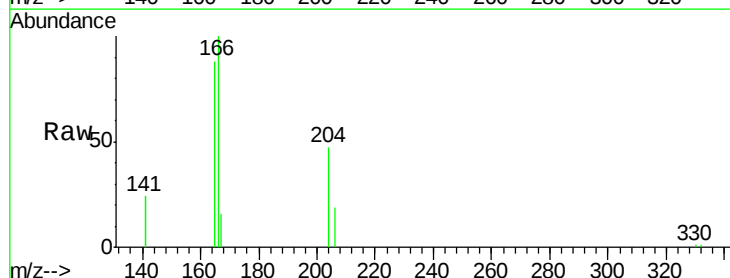
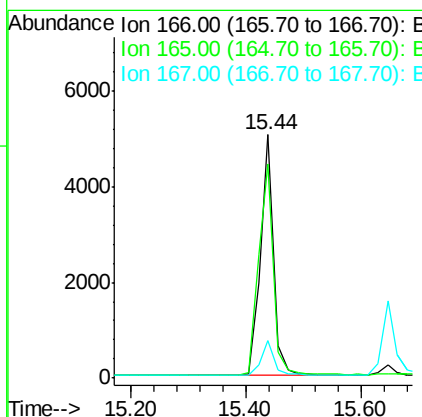
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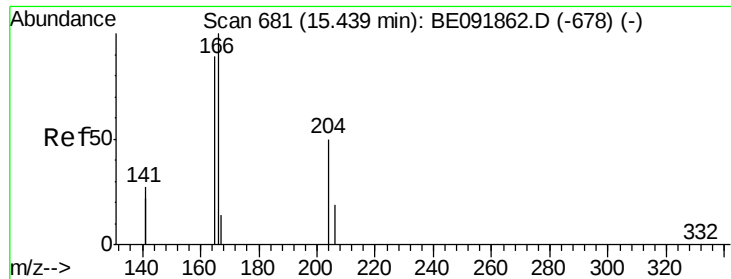
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#22
Fluorene
Concen: 0.35 ng
RT: 15.44 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	78.6	117.8
167	13.6	10.8	16.2





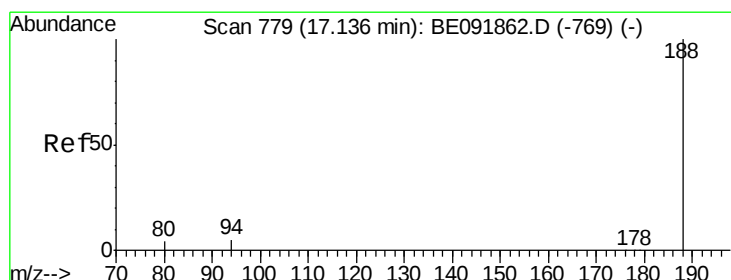
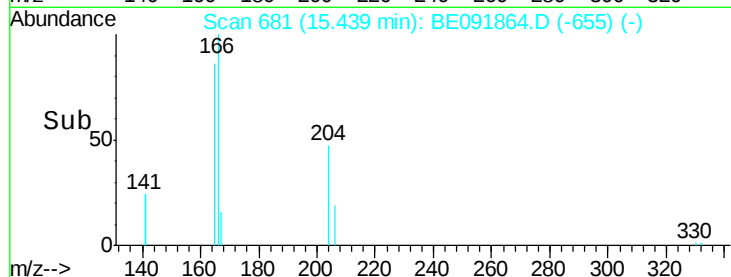
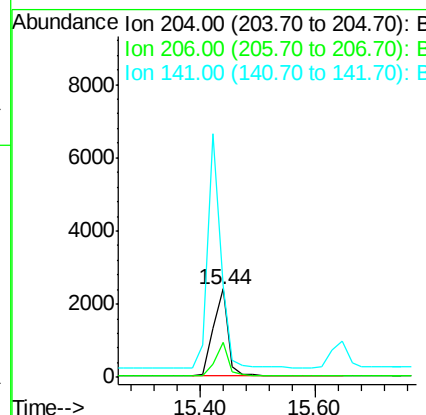
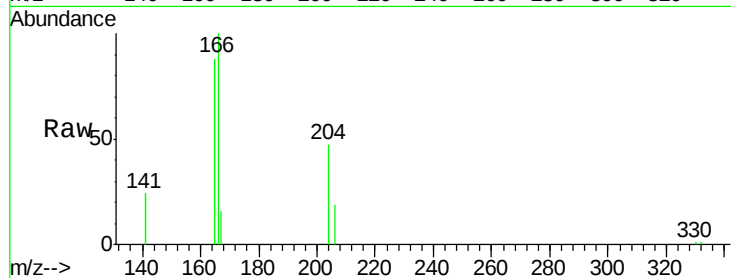
#23
4-Chlorophenyl-phenylether
Concen: 0.33 ng
RT: 15.44 min Scan# 681
Delta R.T. 0.00 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

Instrument :
BNA_E
ClientSampleId :
ICVBE052516

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.8	41.6
141	241.7	197.6	296.4

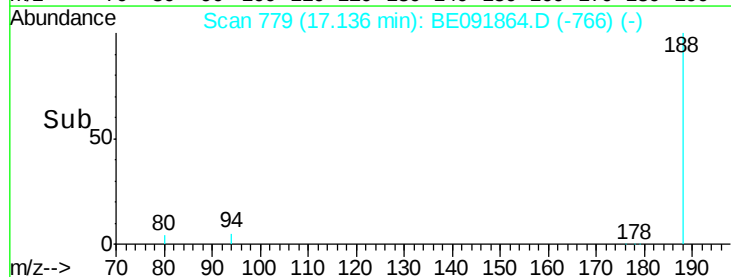
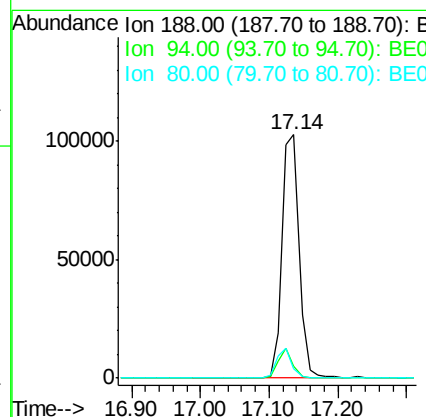
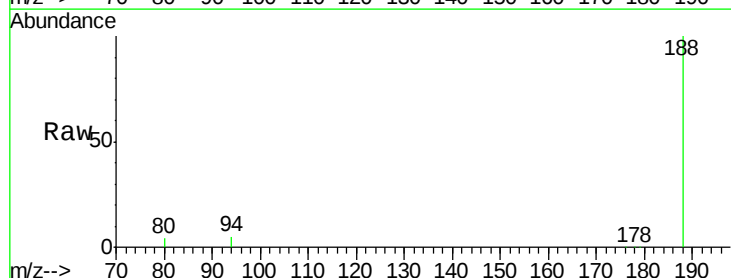
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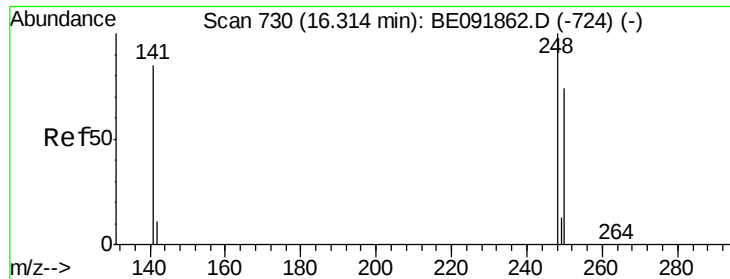
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#24
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 779
Delta R.T. 0.00 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.1	6.1
80	4.1	3.4	5.2





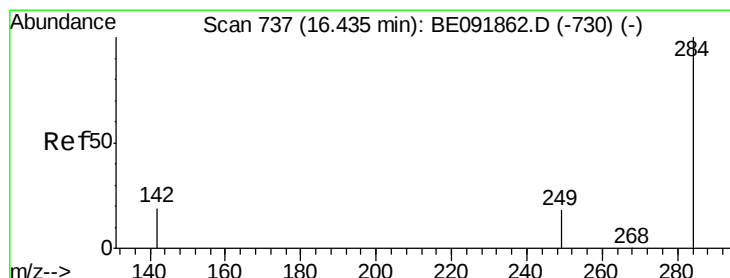
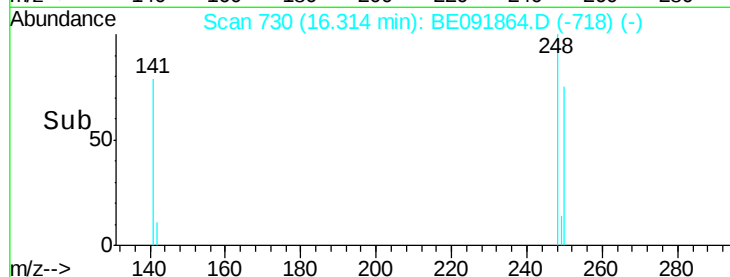
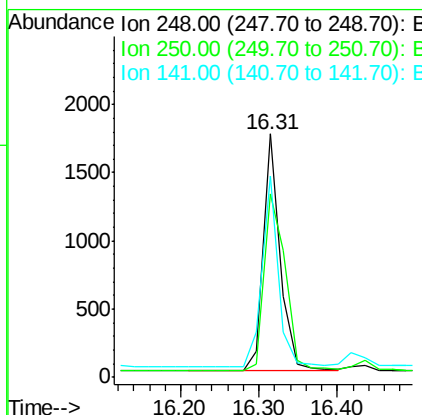
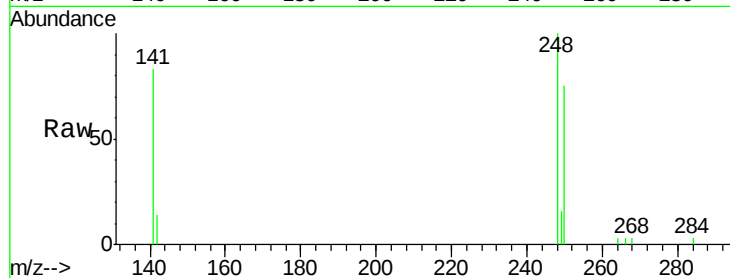
#25
4-Bromophenyl-phenylether
Concen: 0.35 ng
RT: 16.31 min Scan# 730
Delta R.T. 0.00 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

Instrument :
BNA_E
ClientSampleId :
ICVBE052516

Tot Ion	Ratio	Lower	Upper
248	100		
250	93.1	75.7	113.5
141	79.1	64.6	97.0

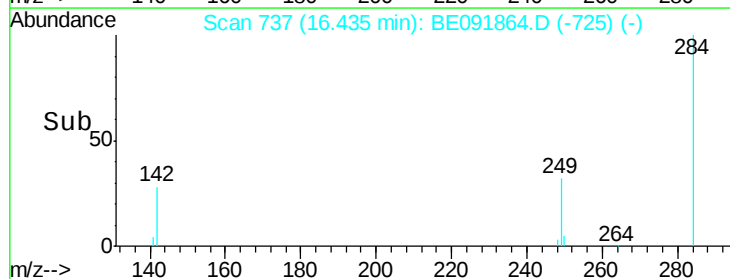
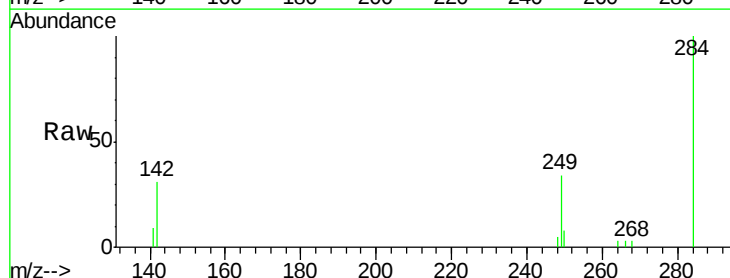
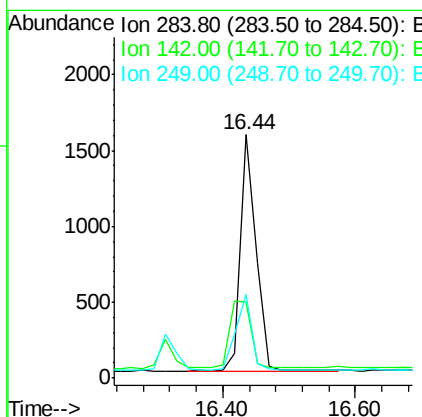
Manual Integrations
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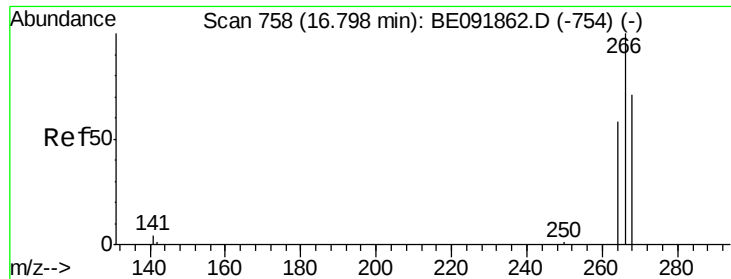
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#26
Hexachlorobenzene
Concen: 0.36 ng
RT: 16.44 min Scan# 737
Delta R.T. 0.00 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.1	31.4	47.2
249	32.3	25.3	37.9





#27

Pentachlorophenol

Concen: 0.33 ng m

RT: 16.80 min Scan# 758

Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

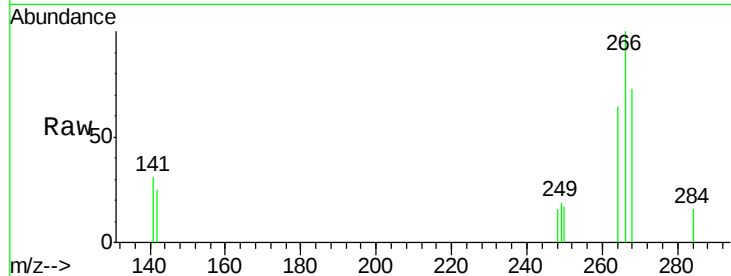
ClientSampleId :

ICVBE052516

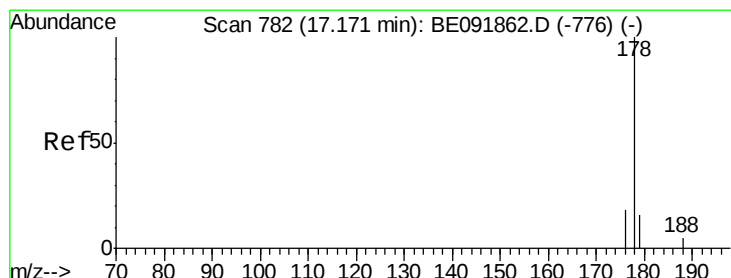
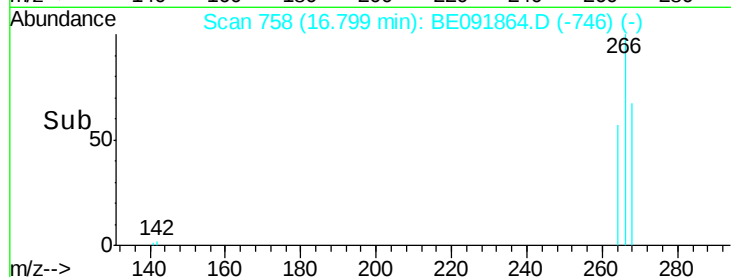
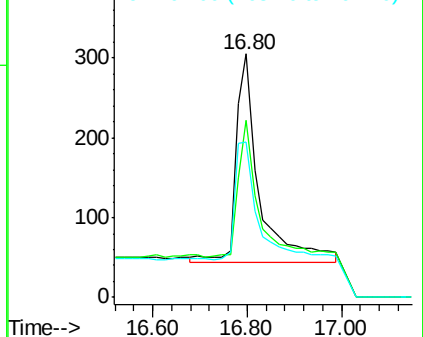
Tot Ion:	266	Resp:	894
Ion	Ratio	Lower	Upper
266	100		
268	72.8	60.5	90.7
264	63.6	51.0	76.4

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



#28

Phenanthrene

Concen: 0.34 ng

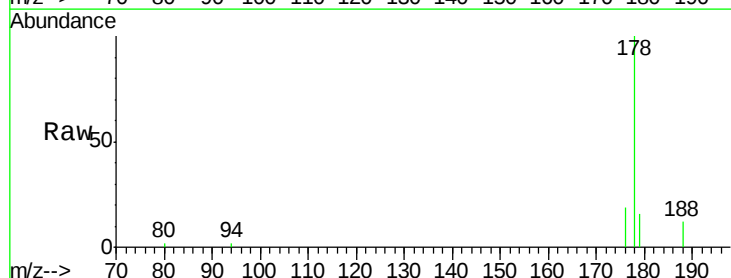
RT: 17.17 min Scan# 782

Delta R.T. 0.00 min

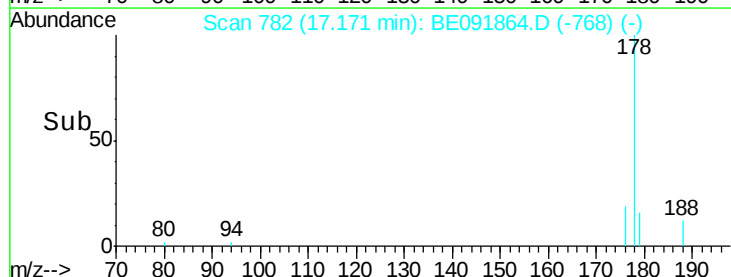
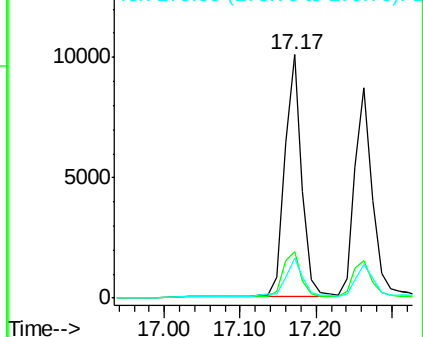
Lab File: BE091864.D

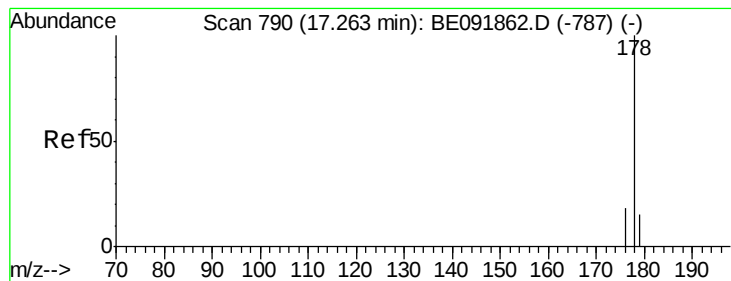
Acq: 25 May 2016 18:30

Tgt Ion:	178	Resp:	15806
Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.4	23.2
179	16.1	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: 0.34 ng

RT: 17.26 min Scan# 790

Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

ClientSampleId :

ICVBE052516

Tot Ion:178 Resp: 14209

Ion Ratio Lower Upper

178 100

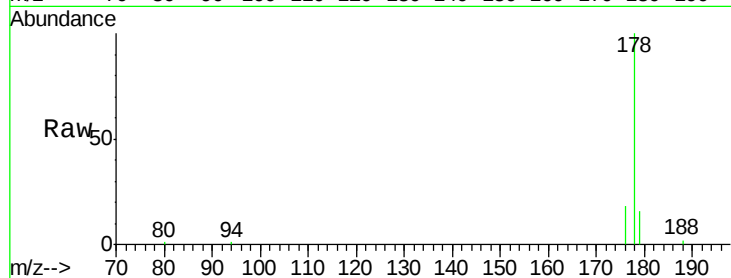
176 18.6 15.1 22.7

179 14.8 12.1 18.1

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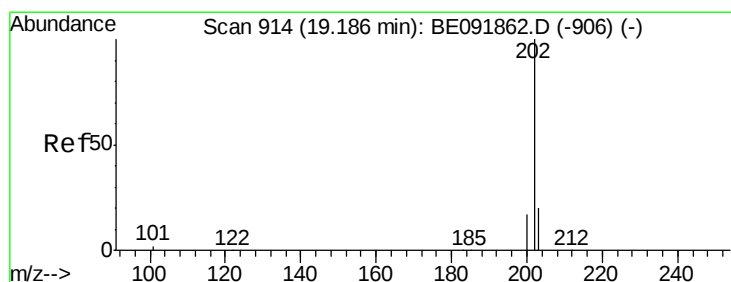
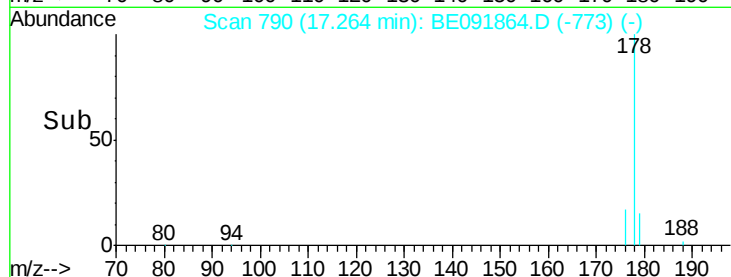
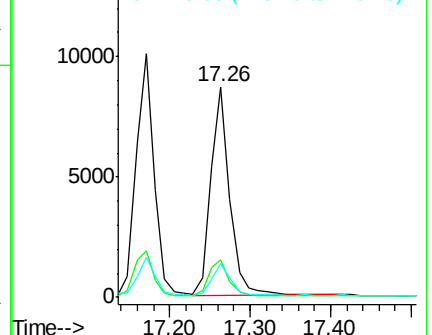
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#30

Fluoranthene

Concen: 0.32 ng

RT: 19.19 min Scan# 914

Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

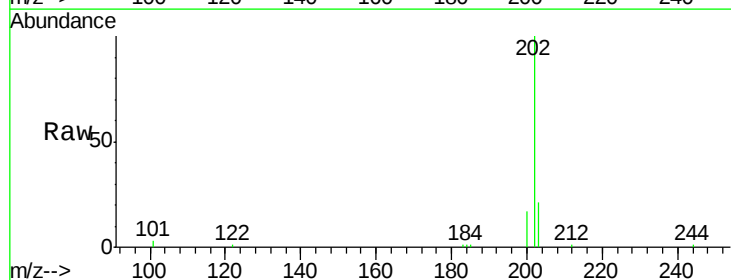
Tgt Ion:202 Resp: 18056

Ion Ratio Lower Upper

202 100

101 11.9 9.4 14.0

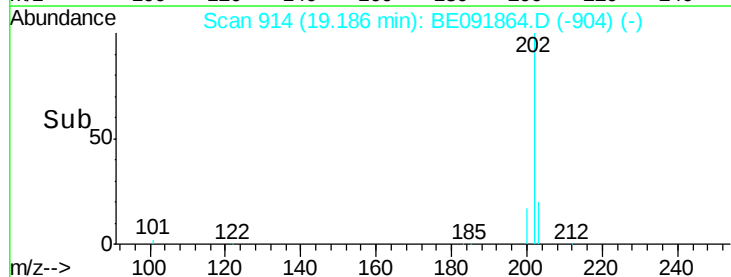
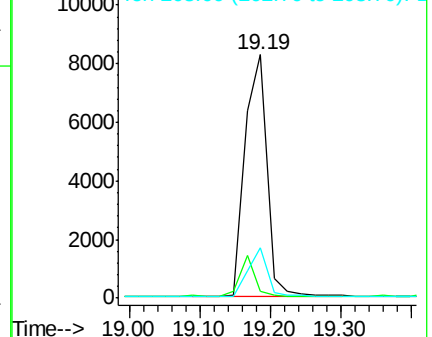
203 17.6 14.3 21.5

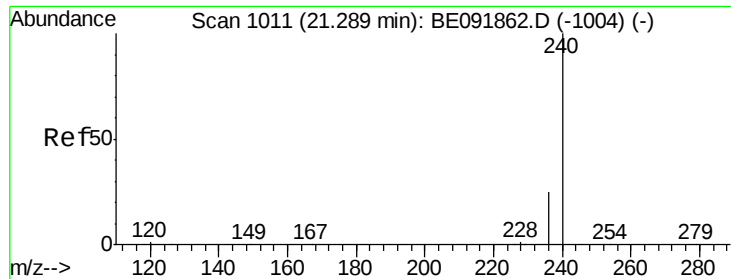


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#31

Chrysene-d12

Concen: 5.00 ng

RT: 21.29 min Scan# 1011

Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

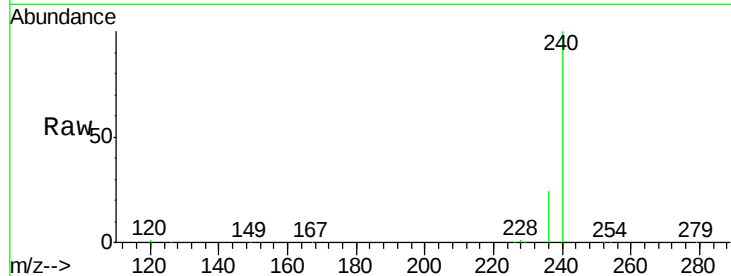
ClientSampleId :

ICVBE052516

Tot Ion	Ratio	Lower	Upper
240	100		
120	1.3	1.2	1.8
236	24.4	19.8	29.8

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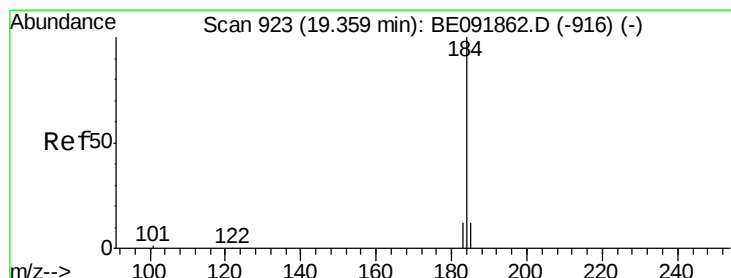
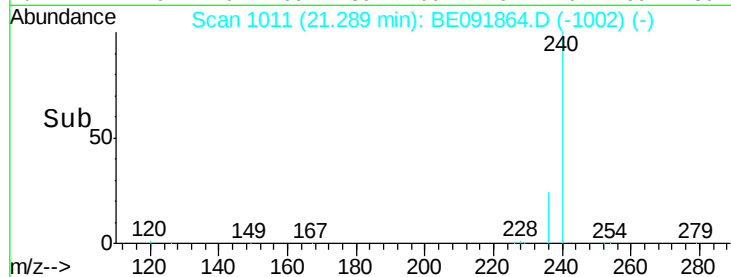
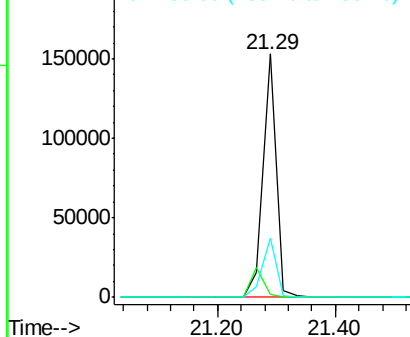


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#32

Benzidine

Concen: 0.38 ng

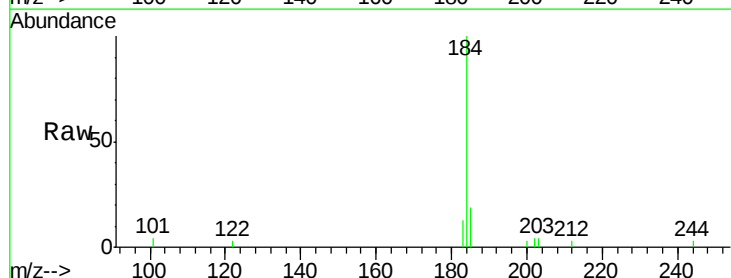
RT: 19.38 min Scan# 924

Delta R.T. 0.02 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Tgt Ion	Ratio	Lower	Upper
184	100		
185	18.5	11.4	17.2#
183	12.6	11.8	17.6

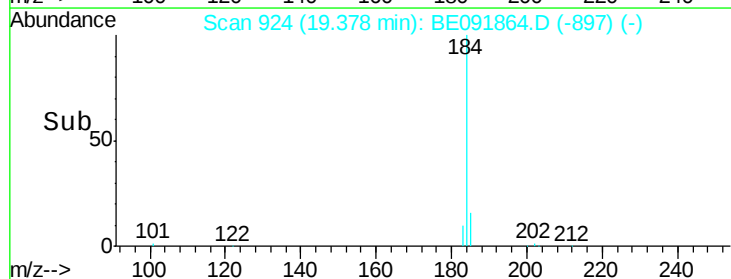
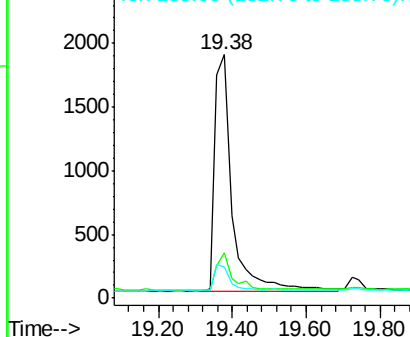


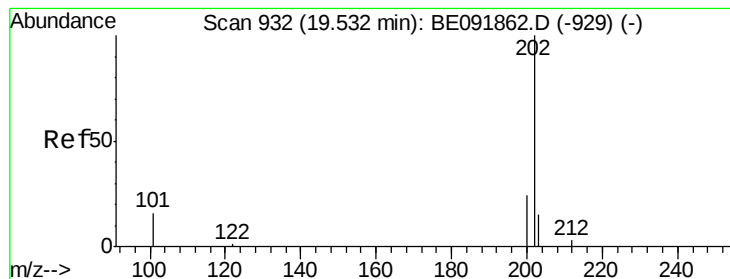
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#33

Pvrene

Concen: 0.38 ng

RT: 19.53 min Scan# 932

Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

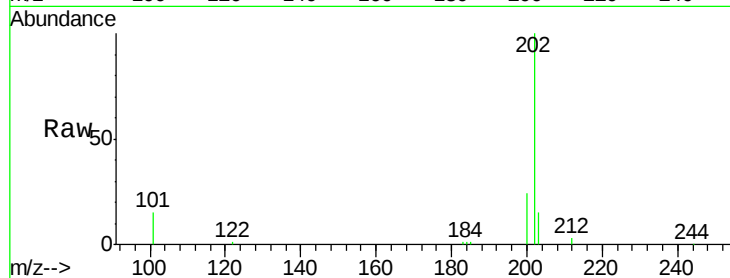
ClientSampleId :

ICVBE052516

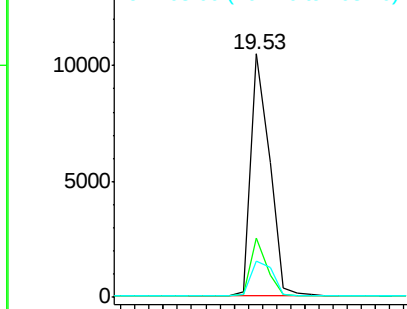
Tot Ion:	202	Resp:	19586
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.9	25.3
203	17.0	14.1	21.1

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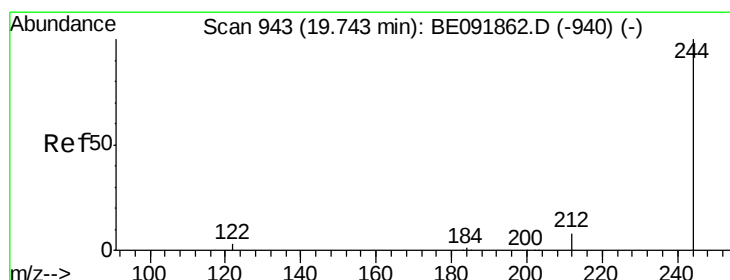
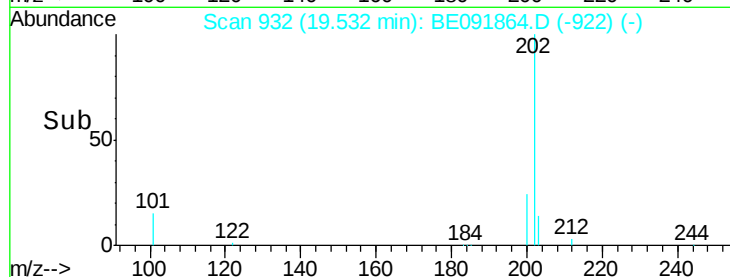
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#34

Terphenyl-d14

Concen: 0.38 ng

RT: 19.74 min Scan# 943

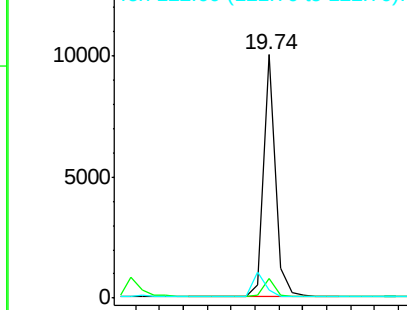
Delta R.T. 0.00 min

Lab File: BE091864.D

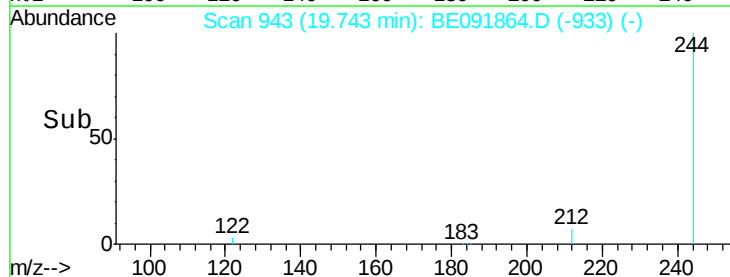
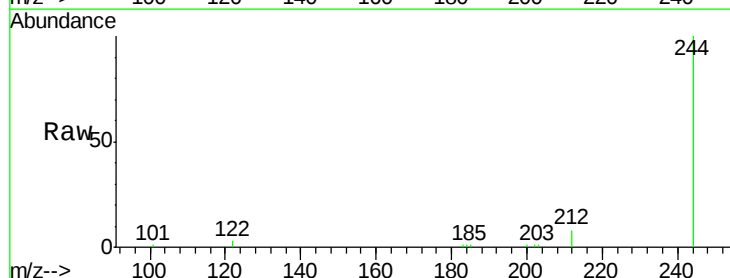
Acq: 25 May 2016 18:30

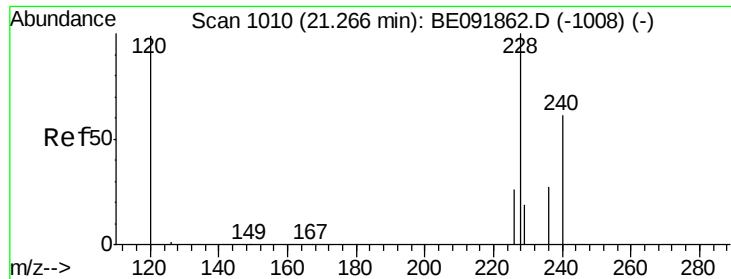
Tgt Ion:	244	Resp:	13844
Ion Ratio	Lower	Upper	
244	100		
212	8.2	6.5	9.7
122	3.3	2.9	4.3

Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->





#35

Benzo(a)anthracene

Concen: 0.37 ng/mL

RT: 21.27 min Scan# 1010

Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

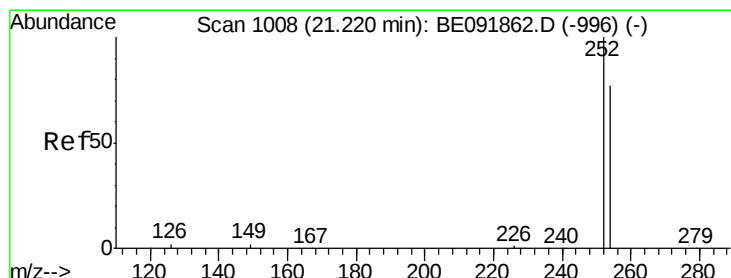
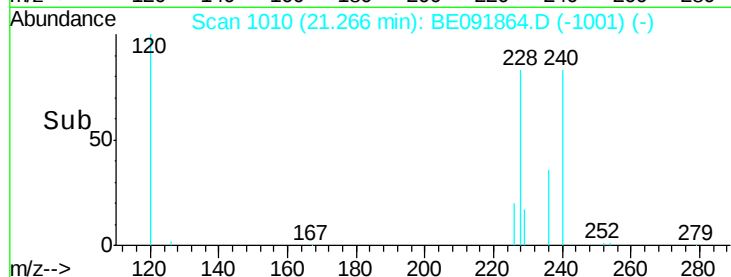
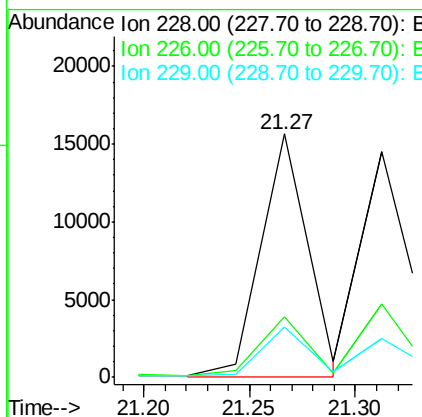
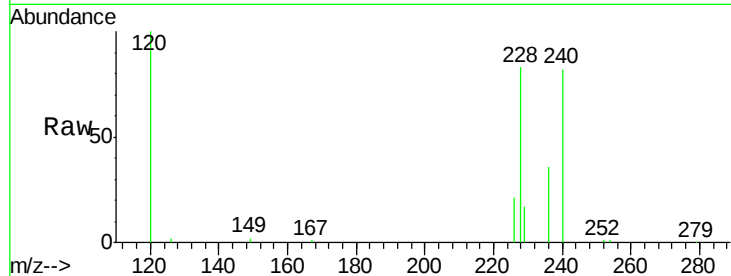
ClientSampleId :

ICVBE052516

Tot Ion:	228	Resp:	24151
Ion Ratio	Lower	Upper	
228	100		
226	24.9	21.0	31.4
229	20.8	15.8	23.8

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#36

3,3'-Dichlorobenzidine

Concen: 0.35 ng/mL

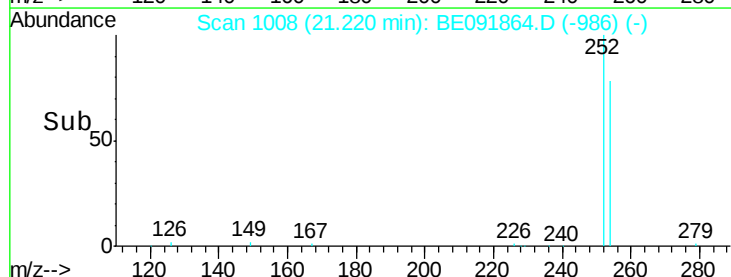
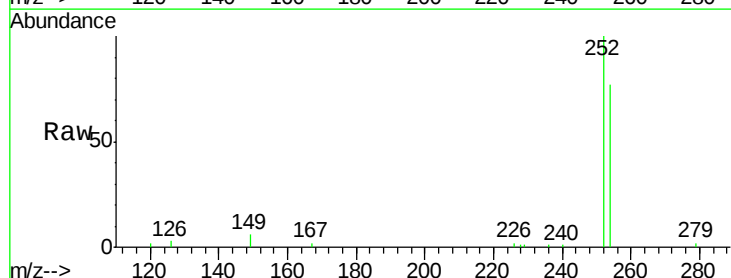
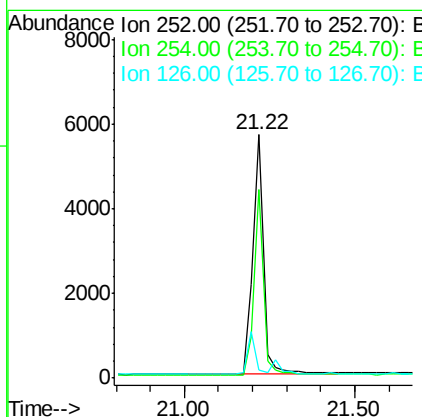
RT: 21.22 min Scan# 1008

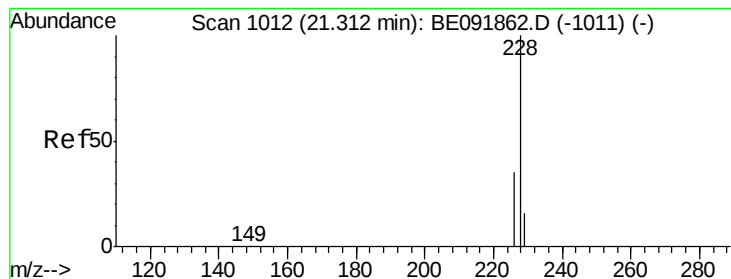
Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Tgt Ion:	252	Resp:	12357
Ion Ratio	Lower	Upper	
252	100		
254	77.5	61.5	92.3
126	3.3	2.5	3.7





#37

Chrysene

Concen: 0.33 ng/mL

RT: 21.31 min Scan# 1012

Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

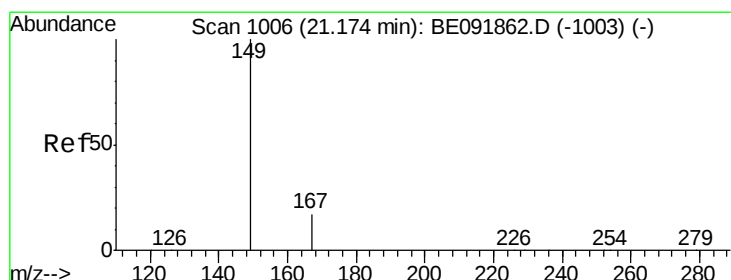
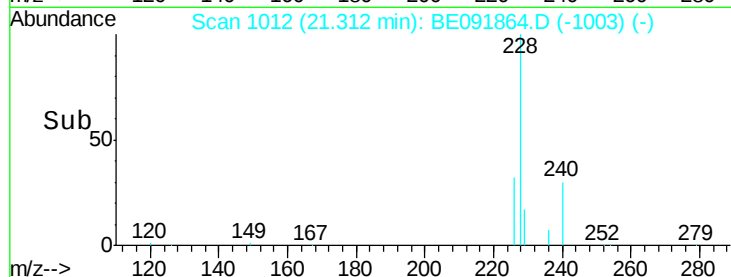
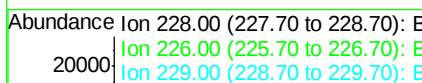
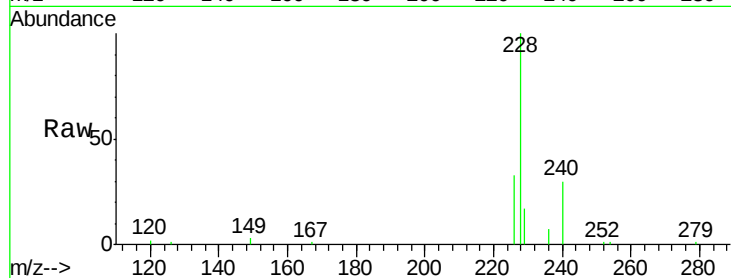
ClientSampleId :

ICVBE052516

Tot Ion:	228	Resp:	23980
Ion Ratio	Lower	Upper	
228	100		
226	32.6	27.0	40.6
229	17.3	13.8	20.8

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#38

Bis(2-ethylhexyl)phthalate

Concen: 0.36 ng/mL

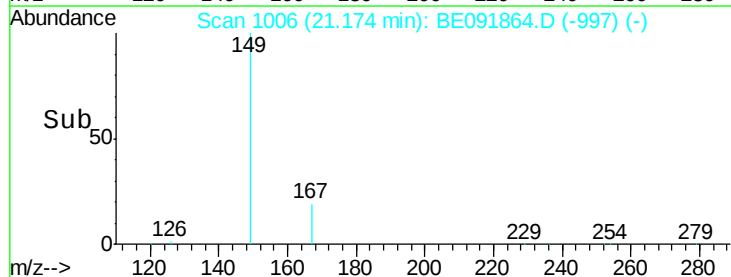
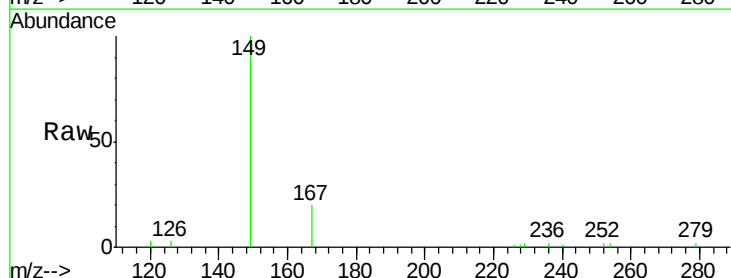
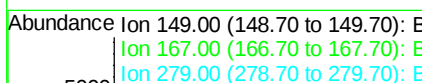
RT: 21.17 min Scan# 1006

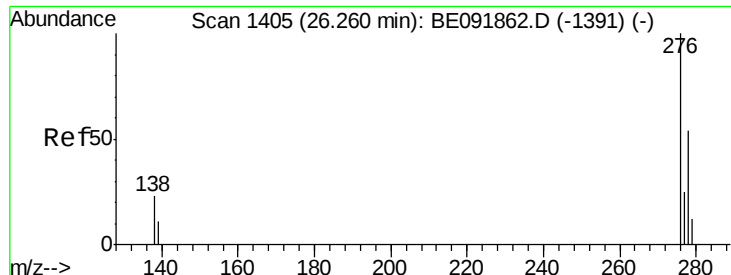
Delta R.T. 0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Tgt Ion:	149	Resp:	8415
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: 0.38 ng

RT: 26.26 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

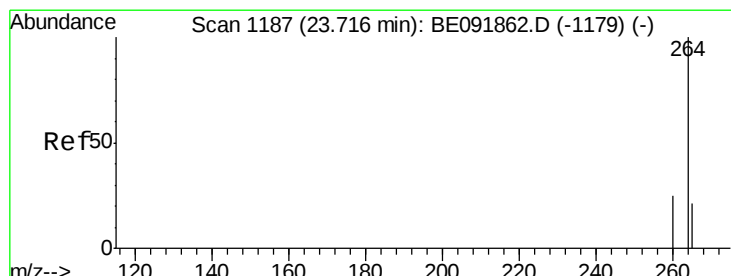
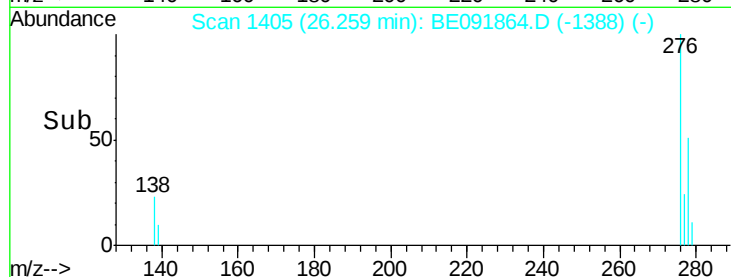
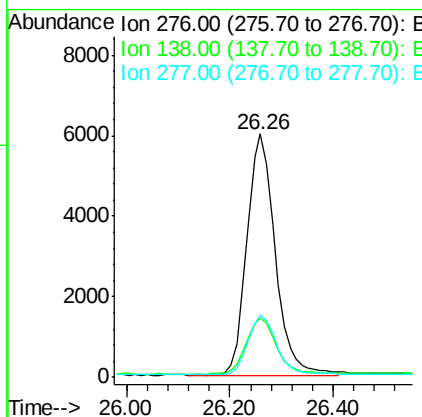
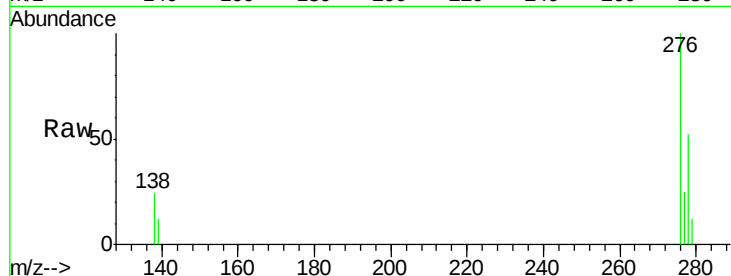
ClientSampleId :

ICVBE052516

Tot Ion:	276	Resp:	22797
Ion Ratio	Lower	Upper	
276	100		
138	24.3	19.7	29.5
277	24.9	20.1	30.1

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#40

Perylene-d12

Concen: 5.00 ng

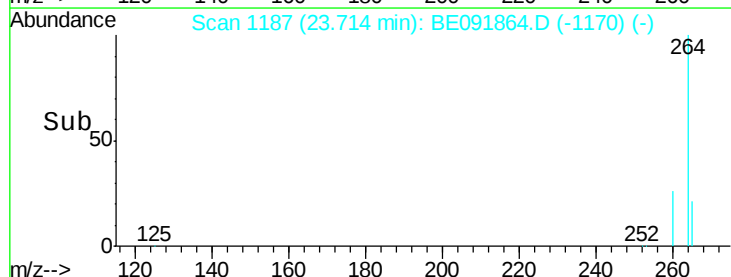
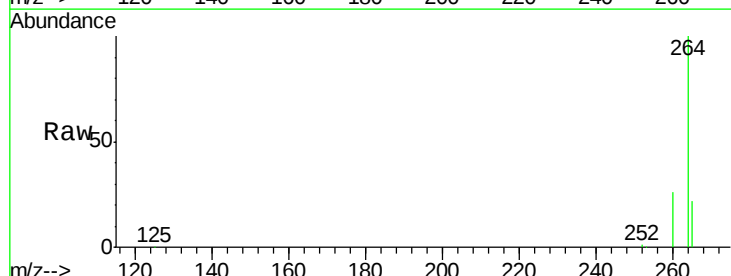
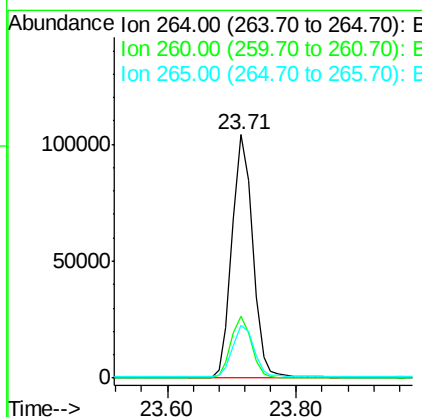
RT: 23.71 min Scan# 1187

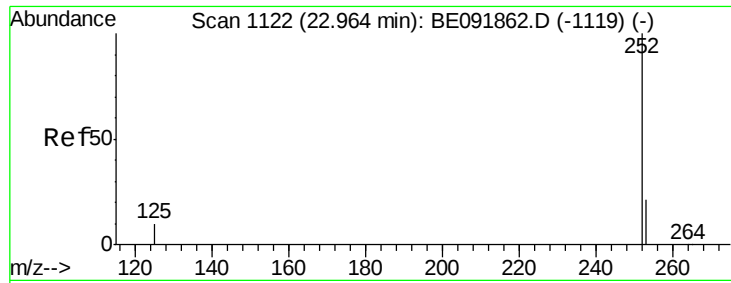
Delta R.T. -0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Tgt Ion:	264	Resp:	231766
Ion Ratio	Lower	Upper	
264	100		
260	25.6	20.3	30.5
265	21.5	17.6	26.4





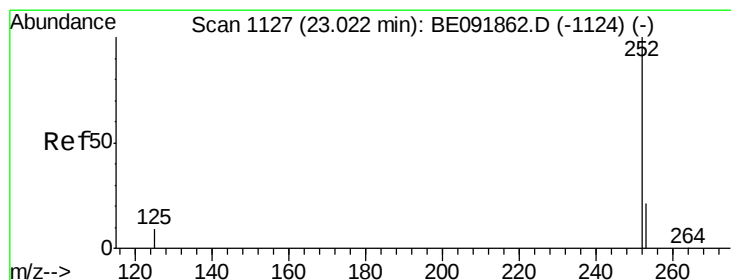
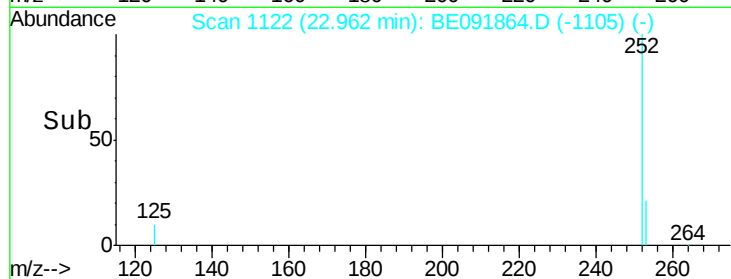
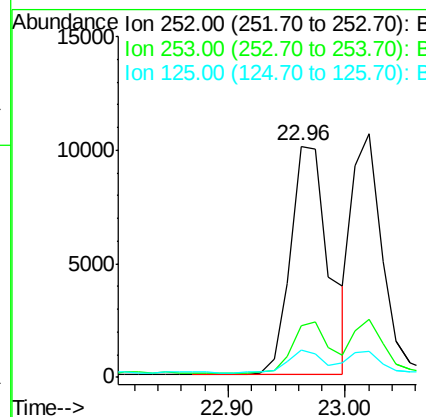
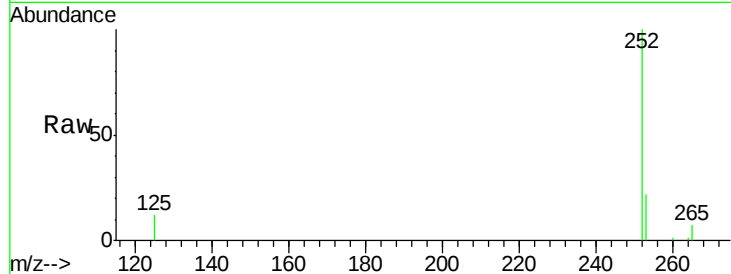
#41
Benzo(b)fluoranthene
Concen: 0.36 ng
RT: 22.96 min Scan# 1122
Delta R.T. -0.00 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

Instrument :
BNA_E
ClientSampleId :
ICVBE052516

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	12.0	9.4	14.2

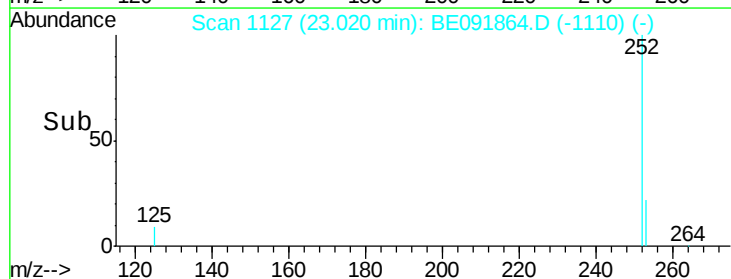
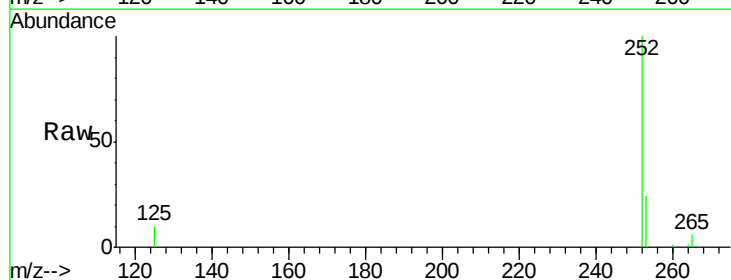
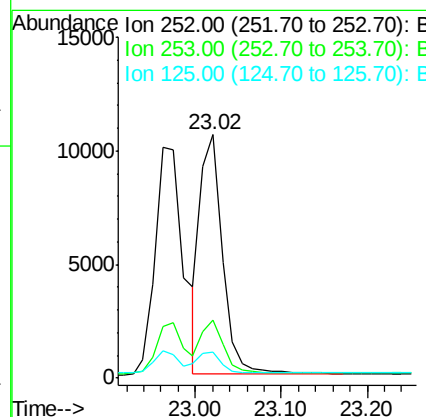
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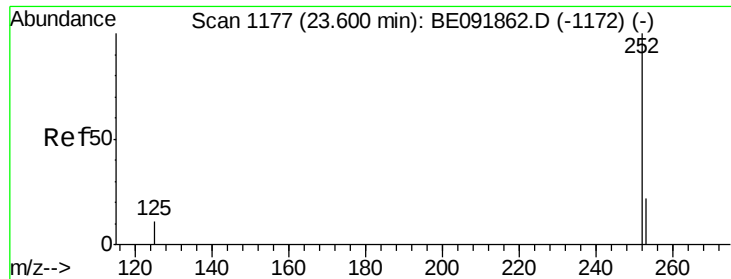
sohil
5/26/2016 6:45:00 PM



#42
Benzo(k)fluoranthene
Concen: 0.33 ng
RT: 23.02 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BE091864.D
Acq: 25 May 2016 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	19.4	29.2
125	10.4	8.3	12.5





#43

Benzo(a)pyrene

Concen: 0.34 ng

RT: 23.60 min Scan# 1177

Delta R.T. -0.00 min

Lab File: BE091864.D

Acq: 25 May 2016 18:30

Instrument :

BNA_E

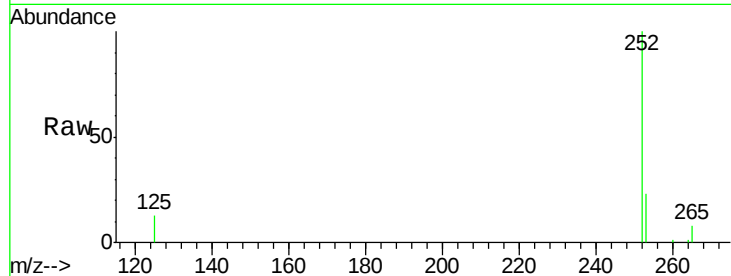
ClientSampleId :

ICVBE052516

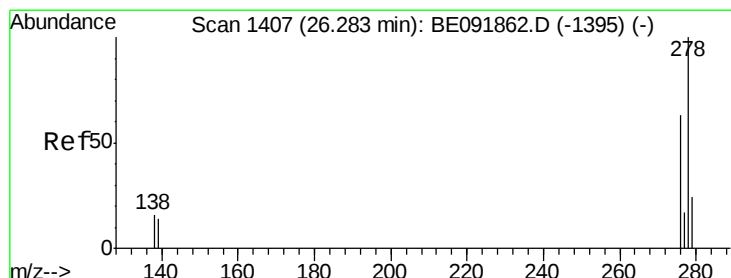
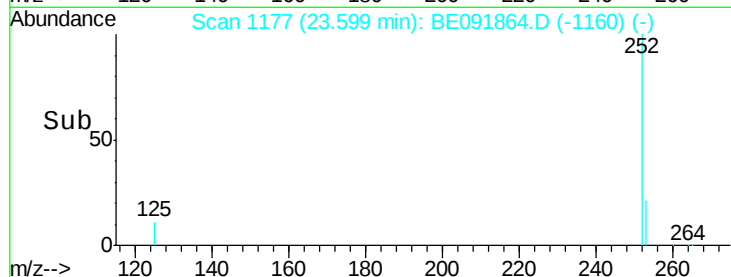
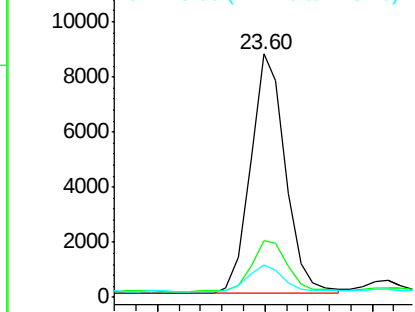
Tot Ion:	252	Resp:	19438
Ion Ratio	Lower	Upper	
252	100		
253	23.1	18.9	28.3
125	13.1	10.5	15.7

Manual Integrations
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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: 0.35 ng

RT: 26.28 min Scan# 1407

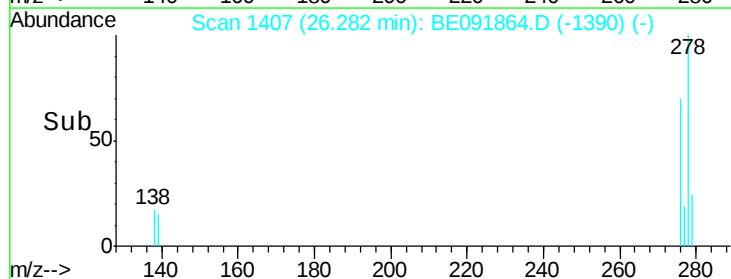
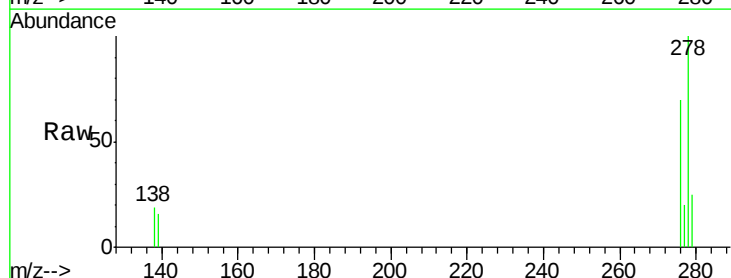
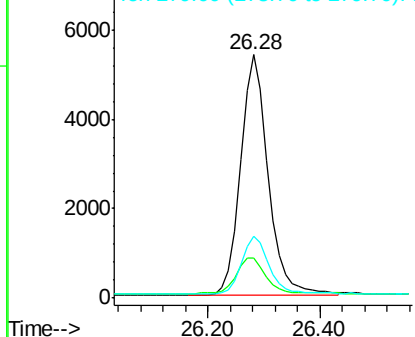
Delta R.T. -0.00 min

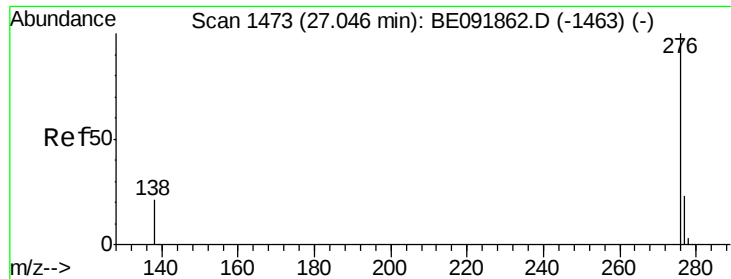
Lab File: BE091864.D

Acq: 25 May 2016 18:30

Tgt Ion:	278	Resp:	18750
Ion Ratio	Lower	Upper	
278	100		
139	16.5	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: 0.35 ng
 RT: 27.05 min Scan# 1473
 Delta R.T. -0.00 min
 Lab File: BE091864.D
 Acq: 25 May 2016 18:30

Instrument :
 BNA_E
 ClientSampleId :
 ICVBE052516

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.5	29.3
138	21.6	17.7	26.5

Manual Integrations
 APPROVED

sohil
 5/26/2016 6:45:00 PM

