

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
 Data File : BE091811.D
 Acq On : 19 May 2016 15:44
 Operator : UM/SJ
 Sample : PB90668BS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90668BS

Manual Integrations
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Quant Time: May 20 04:58:38 2016
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 19 15:36:49 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	23473	5.00	ng	-0.02
7) Naphthalene-d8	10.55	136	114371	5.00	ng	-0.02
13) Acenaphthene-d10	14.40	164	75713	5.00	ng	-0.01
19) Phenanthrene-d10	17.14	188	203899	5.00	ng	-0.01
26) Chrysene-d12	21.29	240	290570	5.00	ng	-0.02
35) Perylene-d12	23.73	264	243892	5.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.39	112	39507	6.44	ng	0.00
5) Phenol-d6	6.95	99	59982	6.94	ng	0.00
8) Nitrobenzene-d5	8.93	82	28340	3.74	ng	-0.01
14) 2,4,6-Tribromophenol	15.89	330	25032	8.52	ng	-0.01
15) 2-Fluorobiphenyl	13.02	172	81706	3.81	ng	0.00
29) Terphenyl-d14	19.74	244	166834	4.06	ng	-0.02

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.33	88	9473	3.69	ng	# 90
3) n-Nitrosodimethylamine	3.63	42	13655	3.64	ng	98
6) bis(2-Chloroethyl)ether	7.21	93	25568	3.69	ng	# 77
9) Nitrobenzene	8.98	77	30190	3.87	ng	94
10) Naphthalene	10.61	128	92283	3.65	ng	98
11) Hexachlorobutadiene	10.90	225	15606	4.16	ng	97
12) 2-Methylnaphthalene	12.21	142	67442	3.96	ng	94
16) Acenaphthylene	14.12	152	127148	3.77	ng	# 86
17) Acenaphthene	14.46	154	74959	3.69	ng	90
18) Fluorene	15.45	166	103920	3.95	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	30531	4.00	ng	93
21) Hexachlorobenzene	16.45	284	32630	4.11	ng	98
22) Pentachlorophenol	16.78	266	37895	11.55	ng	# 83
23) Phenanthrene	17.17	178	219882	5.50	ng	97
24) Anthracene	17.26	178	189001	4.26	ng	98
25) Fluoranthene	19.19	202	239996	4.43	ng	97
27) Benzidine	19.36	184	101953	3.97	ng	# 75
28) Pyrene	19.55	202	258223	4.05	ng	99
30) Benzo(a)anthracene	21.27	228	285392m	4.07	ng	
31) 3,3'-Dichlorobenzidine	21.22	252	68825	1.54	ng	# 84
32) Chrysene	21.34	228	233620m	3.89	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	128860	3.31	ng	# 79
34) Indeno(1,2,3-cd)pyrene	26.27	276	278914	3.88	ng	95
36) Benzo(b)fluoranthene	22.97	252	253161	4.15	ng	# 96
37) Benzo(k)fluoranthene	23.02	252	264107m	4.23	ng	
38) Benzo(a)pyrene	23.61	252	243039	4.17	ng	# 96
39) Dibenzo(a,h)anthracene	26.29	278	234008	4.11	ng	# 95
40) Benzo(g,h,i)perylene	27.06	276	234752	4.00	ng	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed

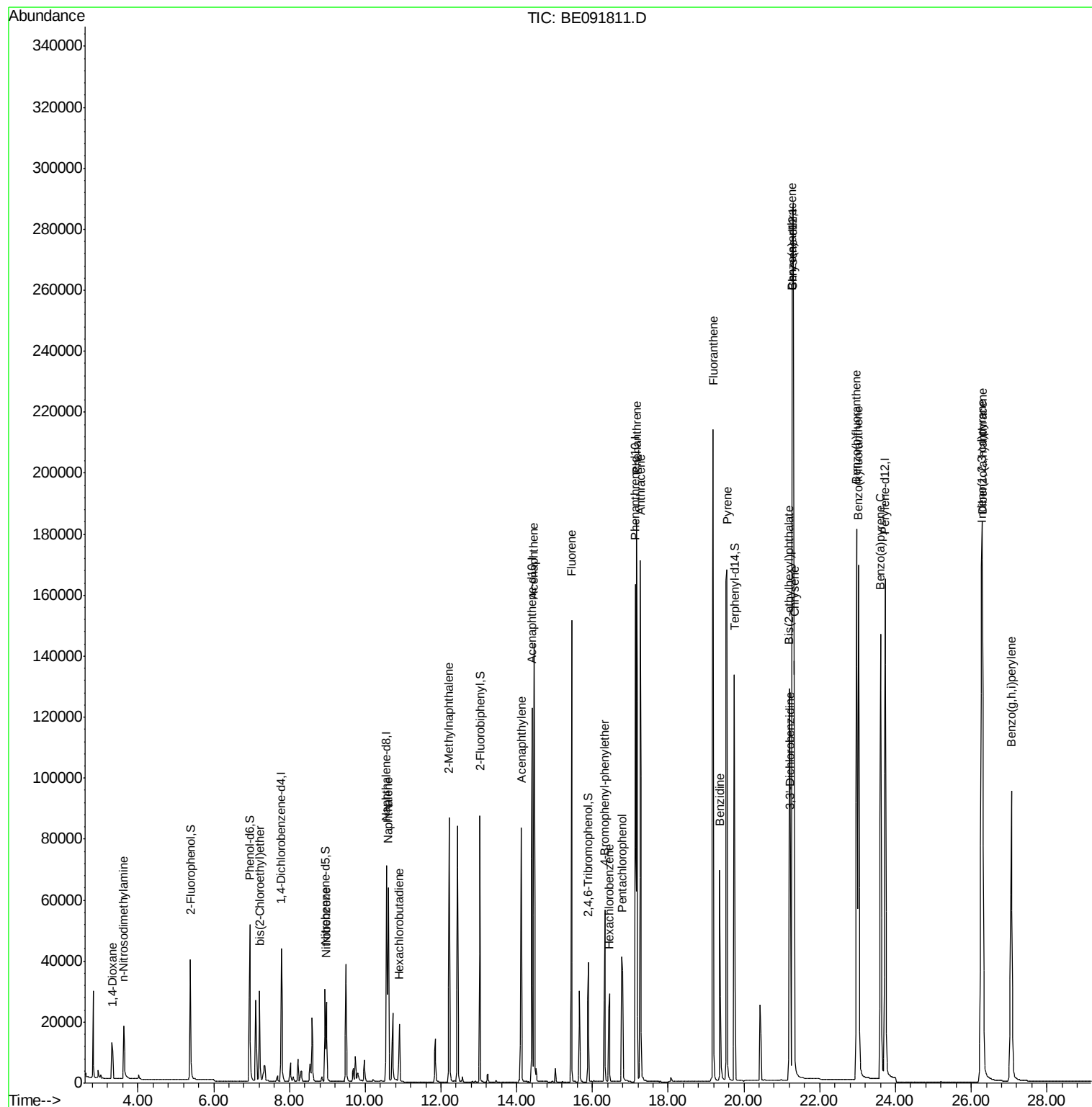
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051916\
Data File : BE091811.D
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QLast Update : Thu May 19 15:36:49 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.78 min Scan# 299

Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampled :

PB90668BS

Tgt Ion:152 Resp: 23473

Ion Ratio Lower Upper

152 100

150 172.7 122.6 183.8

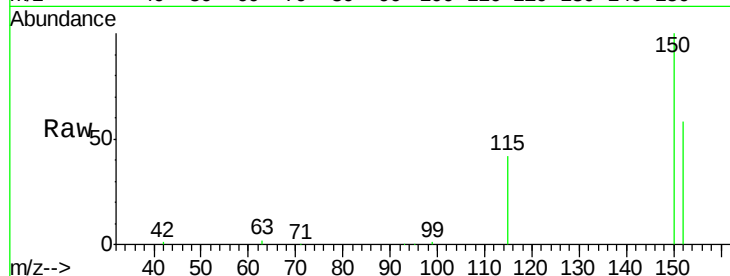
115 72.4 52.8 79.2

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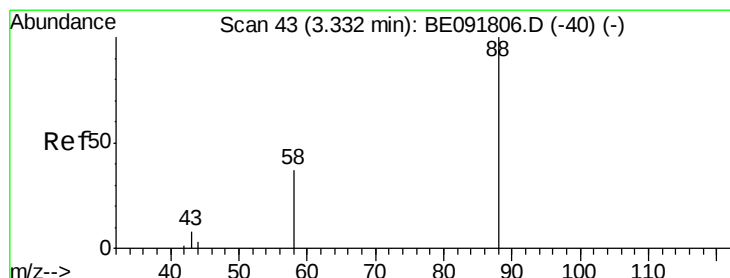
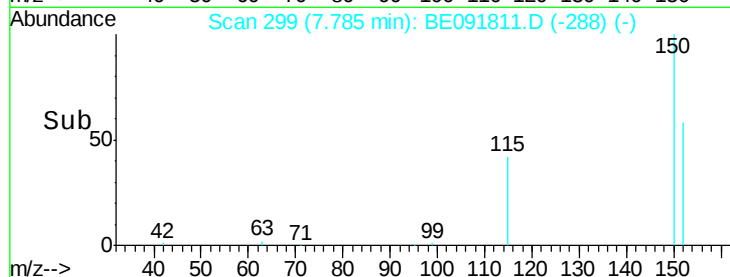
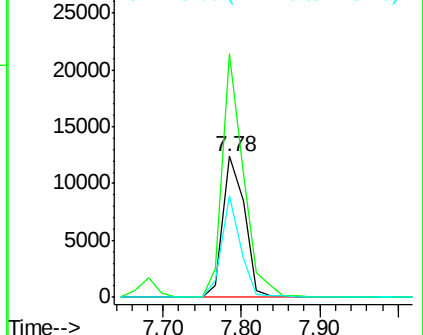
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 3.69 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

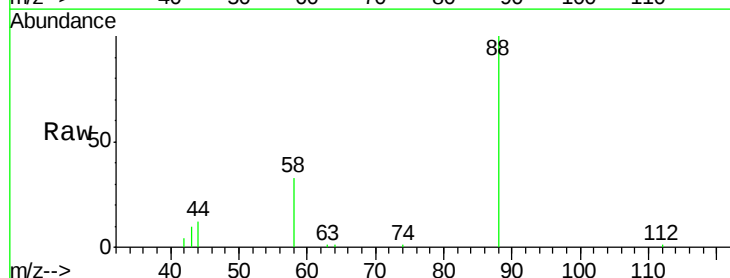
Tgt Ion: 88 Resp: 9473

Ion Ratio Lower Upper

88 100

58 89.9 65.8 98.6

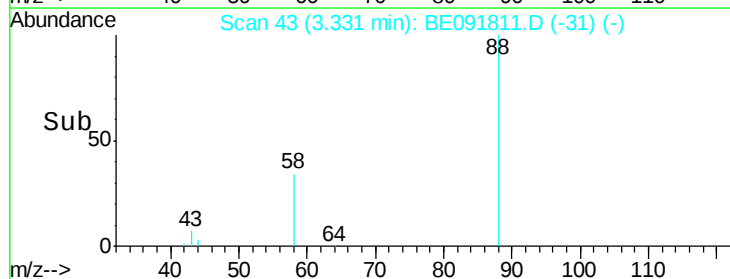
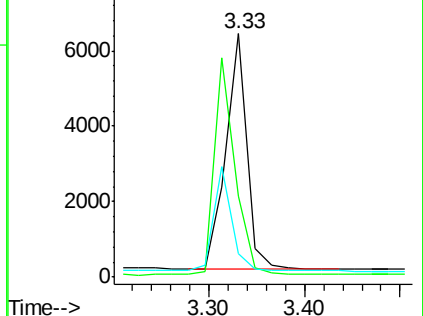
43 38.4 25.3 37.9#

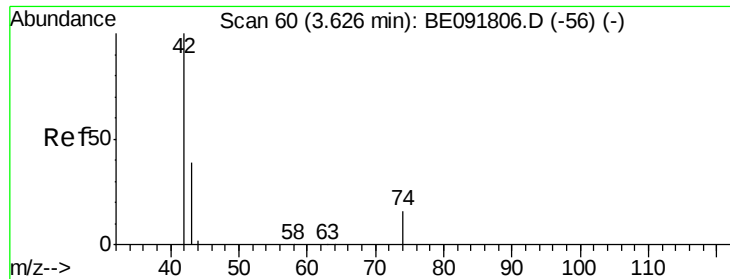


Abundance Ion 88.00 (87.70 to 88.70): BE0

Ion 58.00 (57.70 to 58.70): BE0

Ion 43.00 (42.70 to 43.70): BE0





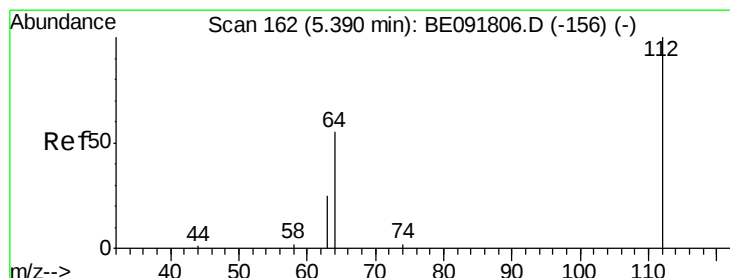
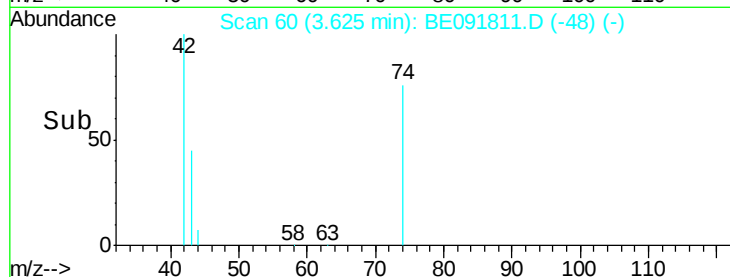
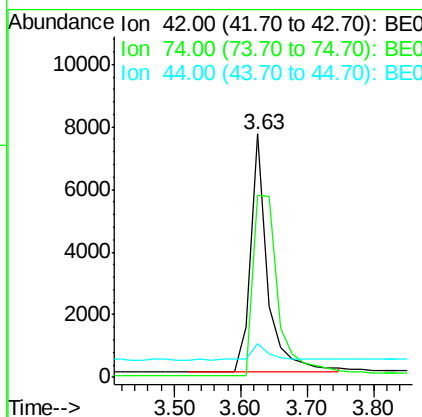
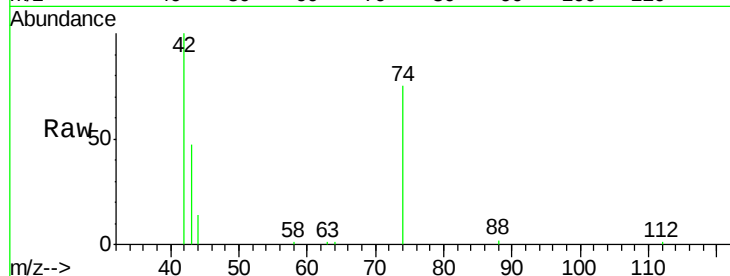
#3
n-Nitrosodimethylamine
Concen: 3.64 ng
RT: 3.63 min Scan# 60
Delta R.T. -0.00 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Instrument :
BNA_E
ClientSampled :
PB90668BS

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.9	87.9	131.9
44	7.4	6.6	9.8

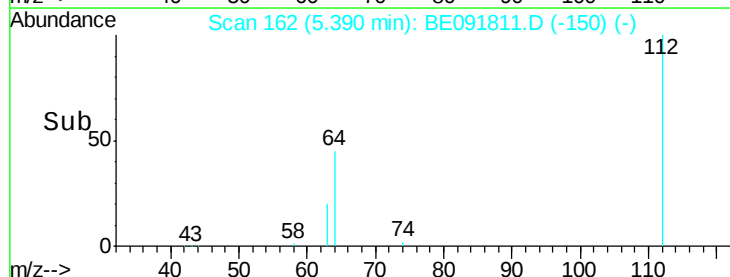
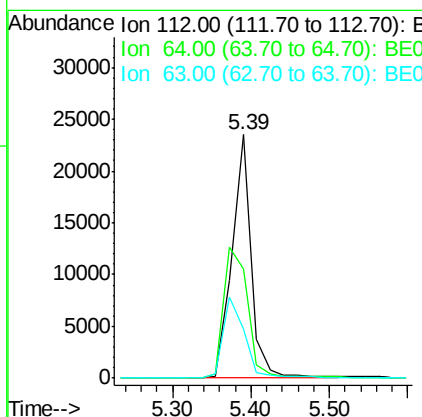
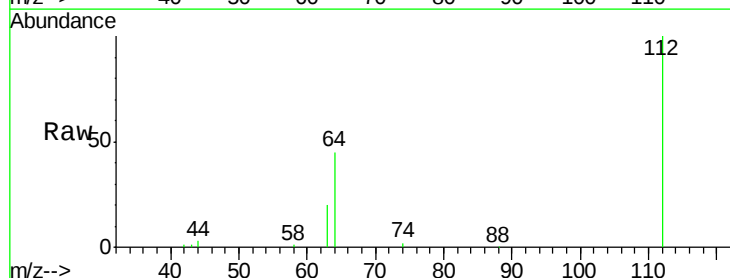
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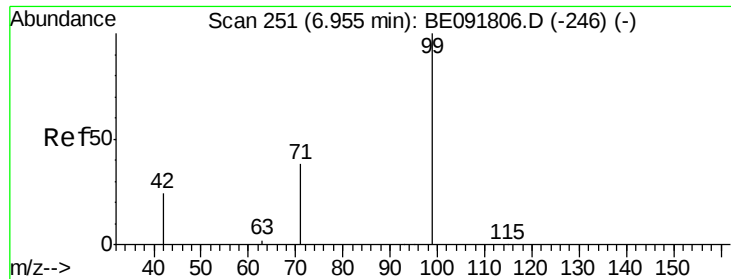
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#4
2-Fluorophenol
Concen: 6.44 ng
RT: 5.39 min Scan# 162
Delta R.T. -0.00 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.0	30.9	46.3#
63	36.0	16.7	25.1#





#5

Phenol-d6

Concen: 6.94 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

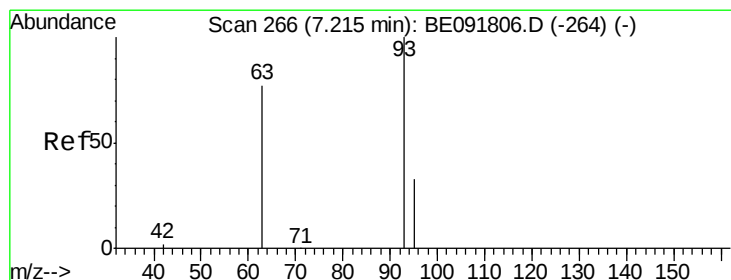
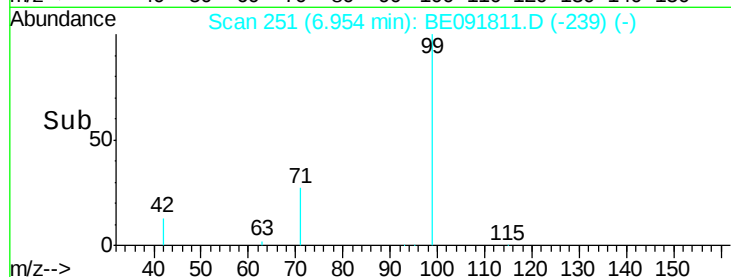
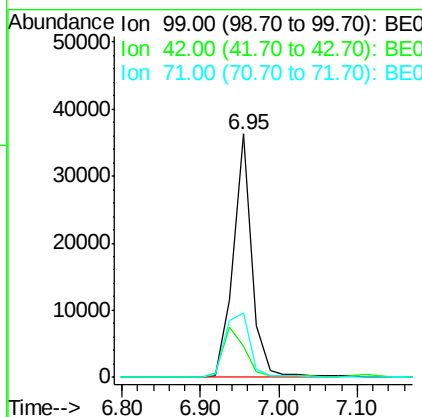
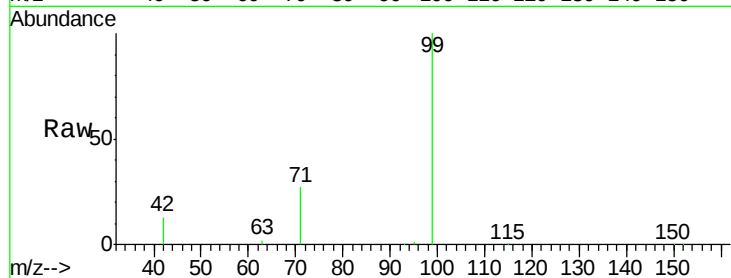
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Tgt Ion:	99	Resp:	59982
Ion Ratio	Lower	Upper	
99	100		
42	23.6	16.2	24.2
71	34.8	29.0	43.4

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#6

bis(2-Chloroethyl)ether

Concen: 3.69 ng

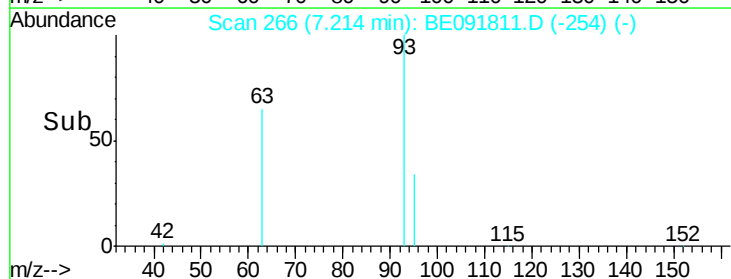
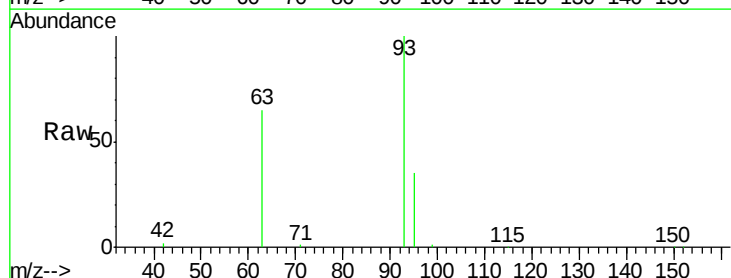
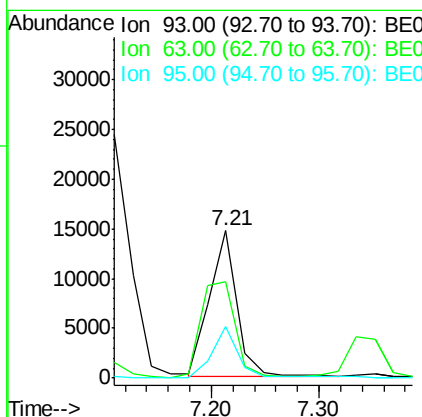
RT: 7.21 min Scan# 266

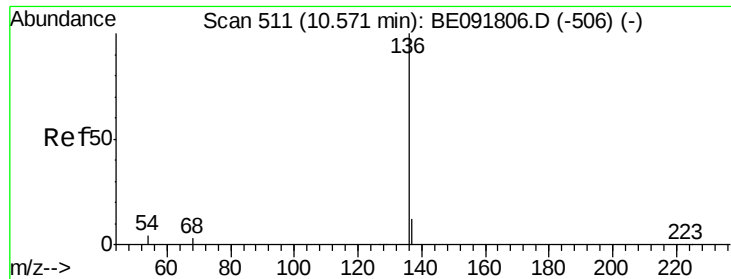
Delta R.T. -0.00 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Tgt Ion:	93	Resp:	25568
Ion Ratio	Lower	Upper	
93	100		
63	83.9	49.5	74.3#
95	32.6	22.2	33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.55 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

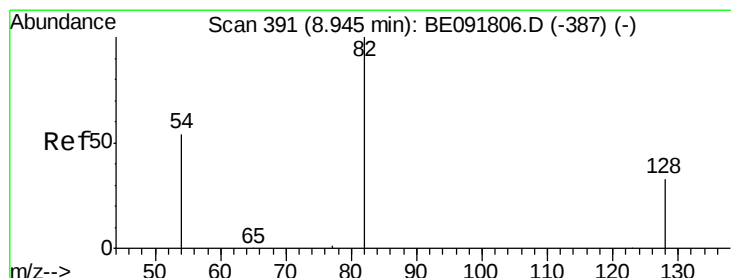
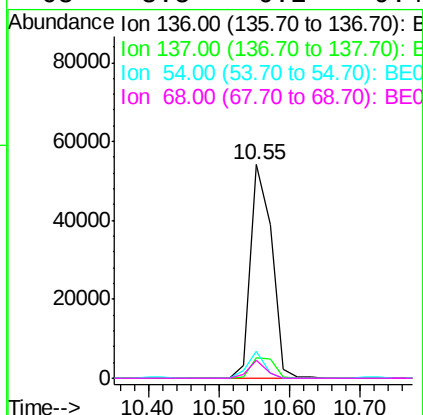
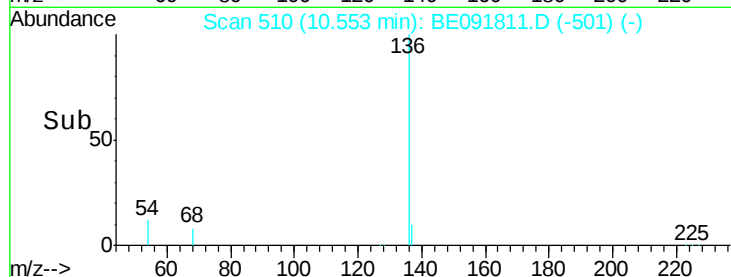
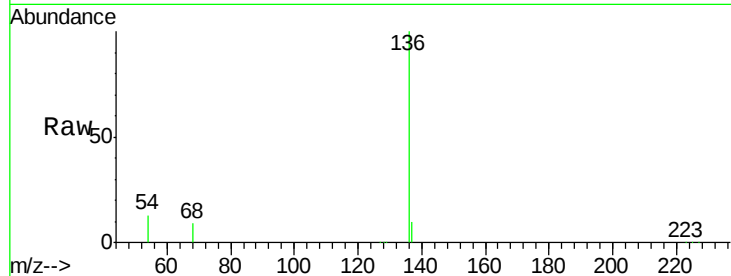
ClientSampleId :

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Tgt Ion	Ratio	Resp Lower	Upper
136	100		
137	9.8	8.9	13.3
54	12.5	8.2	12.4
68	8.5	6.2	9.4

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#8

Nitrobenzene-d5

Concen: 3.74 ng

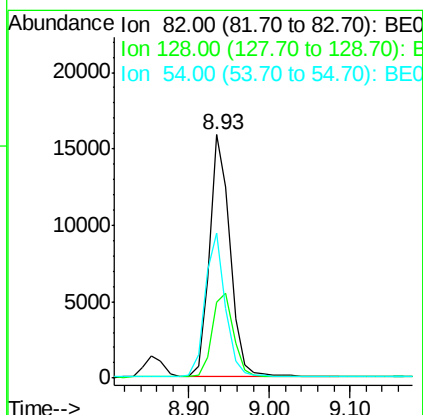
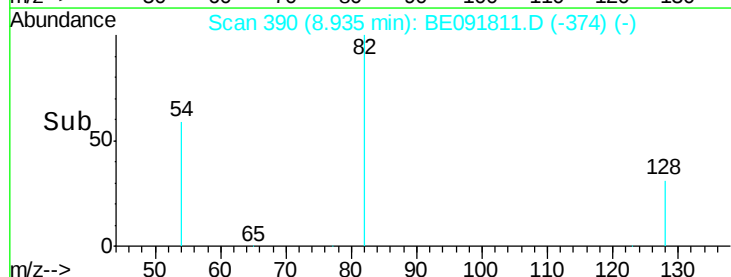
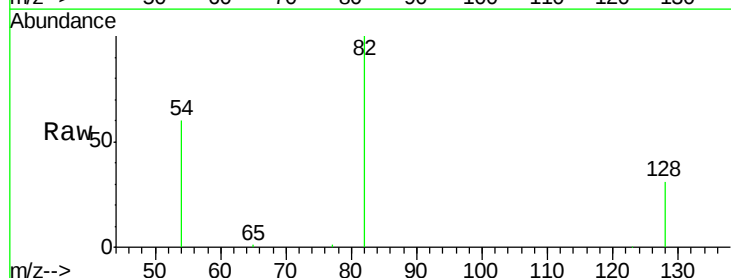
RT: 8.93 min Scan# 390

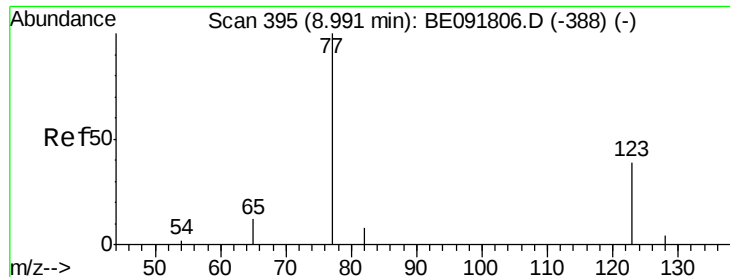
Delta R.T. -0.01 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Tgt Ion	Ratio	Resp Lower	Upper
82	100		
128	31.1	25.4	38.0
54	59.6	48.4	72.6





#9

Nitrobenzene

Concen: 3.87 ng

RT: 8.98 min Scan# 394

Delta R.T. -0.01 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

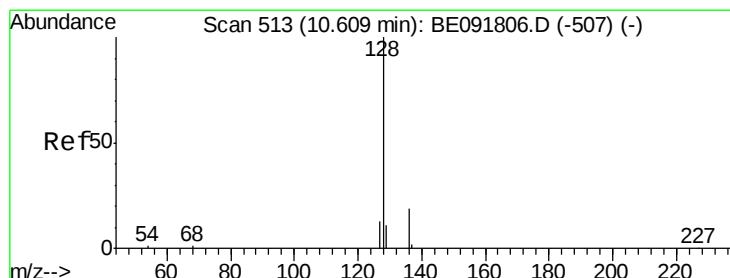
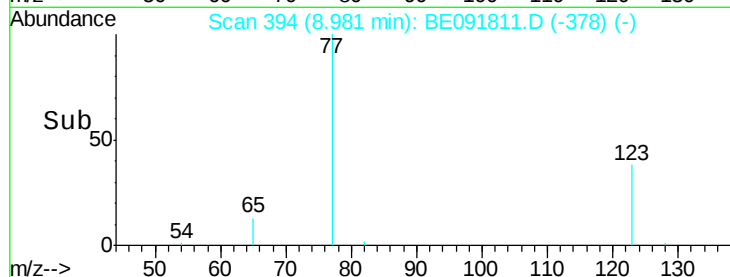
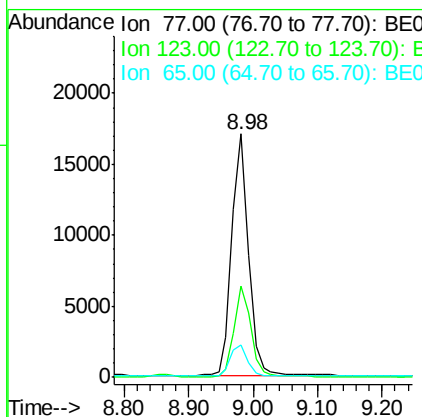
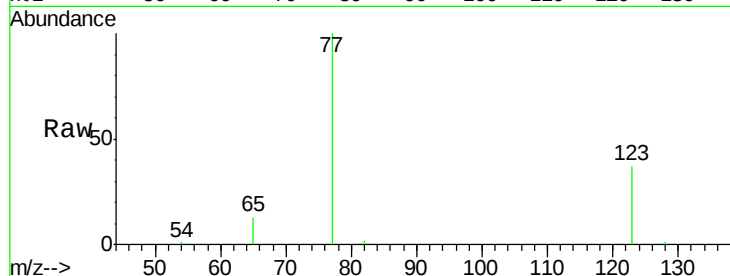
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Tgt Ion:	77	Resp:	30190
Ion Ratio	Lower	Upper	
77	100		
123	37.6	26.9	40.3
65	13.7	9.4	14.2

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#10

Naphthalene

Concen: 3.65 ng

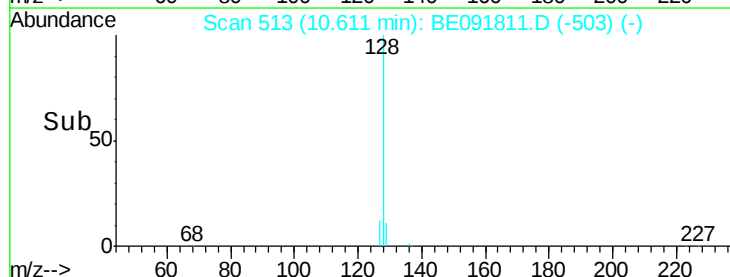
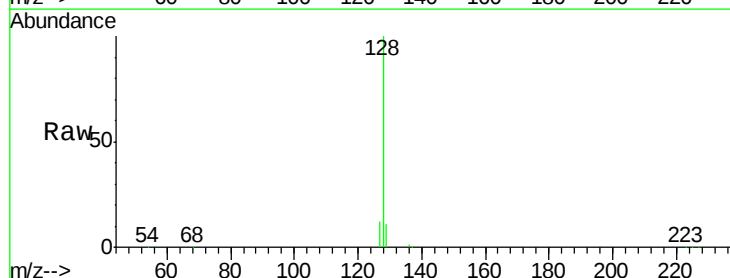
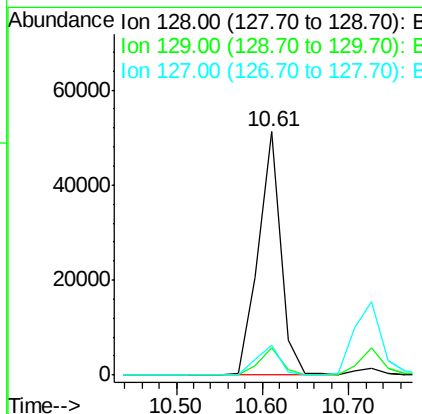
RT: 10.61 min Scan# 513

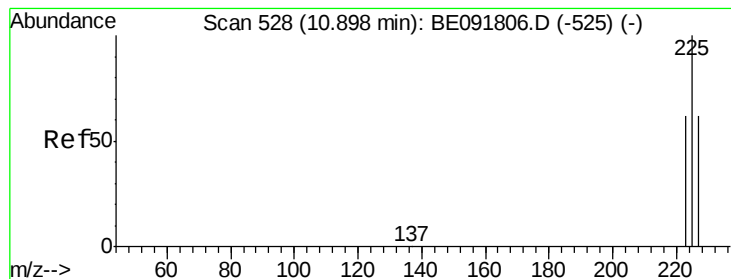
Delta R.T. 0.00 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Tgt Ion:	128	Resp:	92283
Ion Ratio	Lower	Upper	
128	100		
129	11.4	9.3	13.9
127	12.2	10.7	16.1





#11

Hexachlorobutadiene

Concen: 4.16 ng

RT: 10.90 min Scan# 528

Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

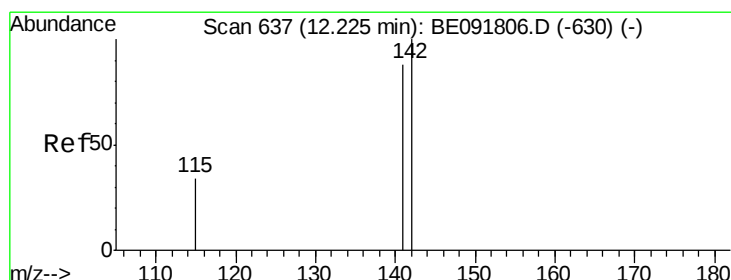
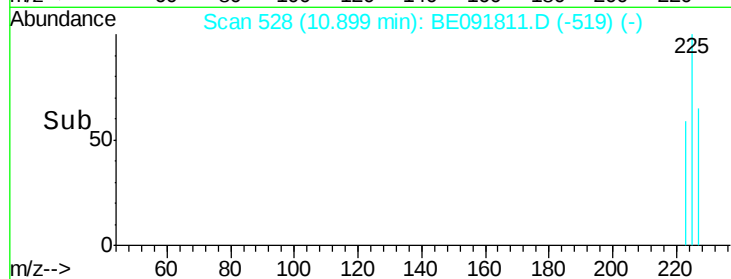
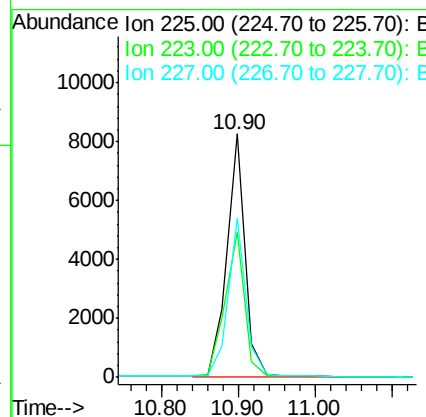
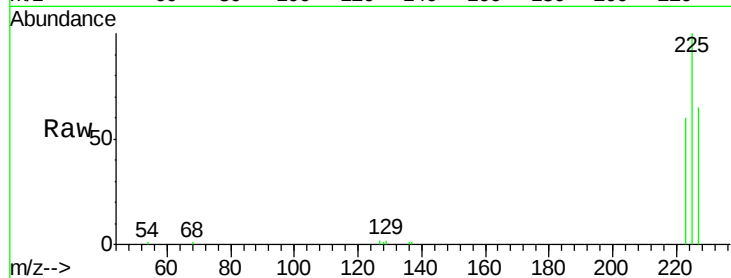
ClientSampled :

PB90668BS

Tgt Ion:	225	Resp:	15606
Ion Ratio	Lower	Upper	
225	100		
223	64.1	49.0	73.6
227	64.3	50.3	75.5

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#12

2-Methylnaphthalene

Concen: 3.96 ng

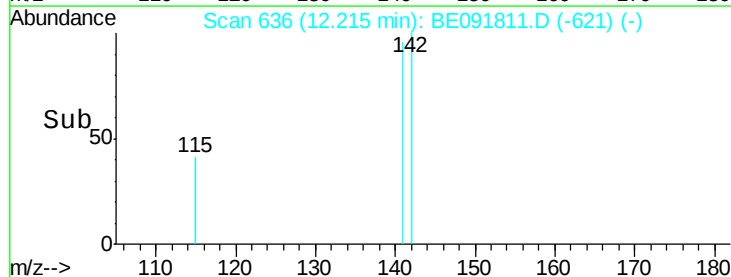
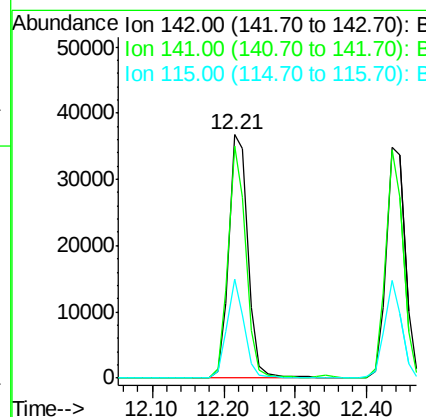
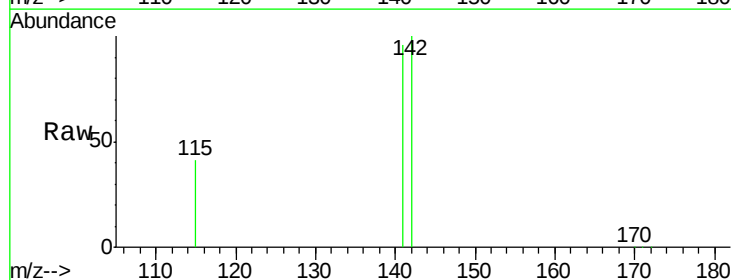
RT: 12.21 min Scan# 636

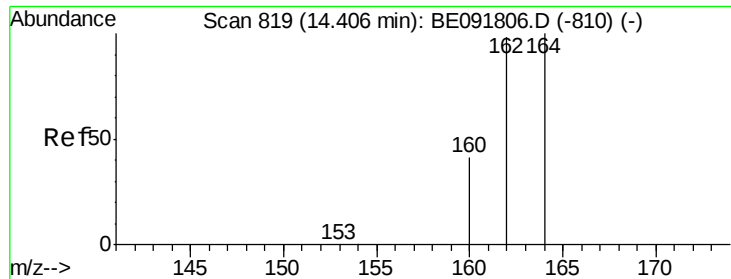
Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Tgt Ion:	142	Resp:	67442
Ion Ratio	Lower	Upper	
142	100		
141	95.6	71.4	107.0
115	40.8	30.3	45.5





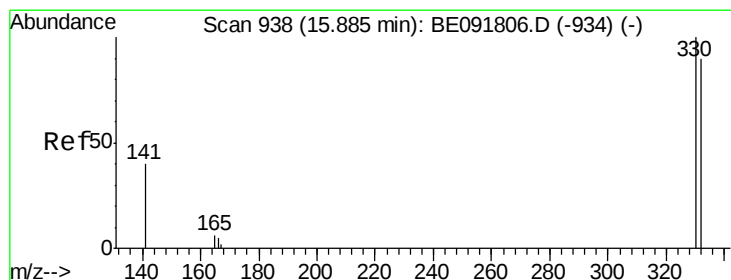
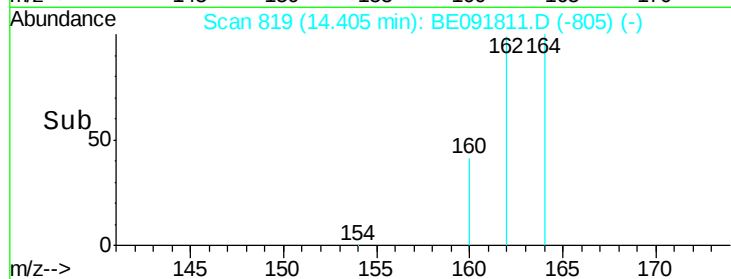
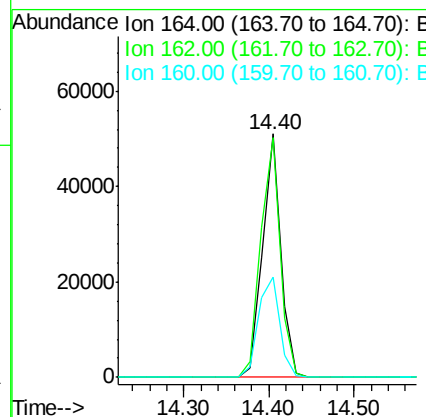
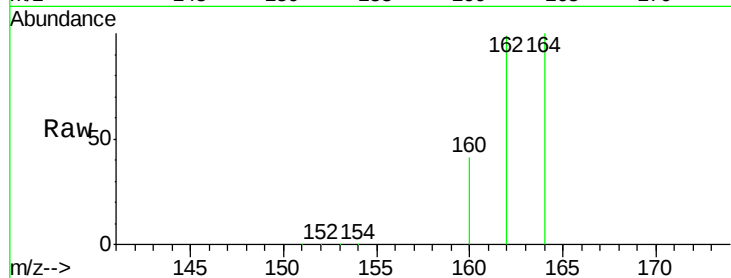
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Acenaphthene-d10
Concen: 5.00 ng
RT: 14.40 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Instrument :
BNA_E
ClientSampleId :
PB90668BS

Tgt Ion:164 Resp: 75713
Ion Ratio Lower Upper
164 100
162 98.7 85.3 127.9
160 41.3 46.2 69.2#

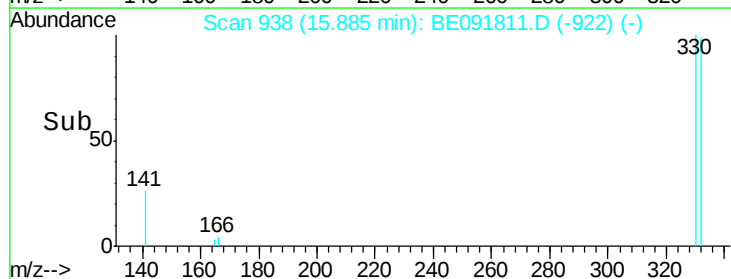
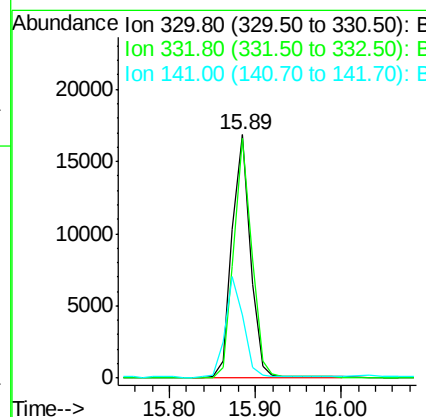
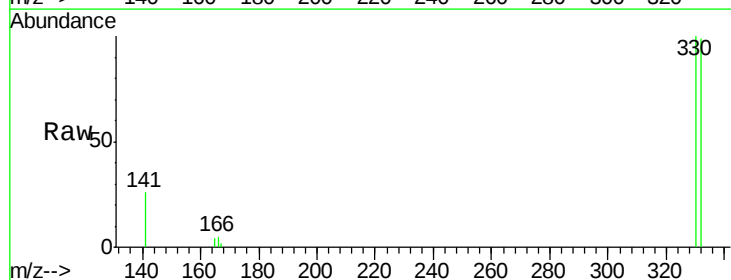
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#14
2,4,6-Tribromophenol
Concen: 8.52 ng
RT: 15.89 min Scan# 938
Delta R.T. -0.01 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Tgt Ion:330 Resp: 25032
Ion Ratio Lower Upper
330 100
332 96.6 79.1 118.7
141 41.2 125.4 188.0#





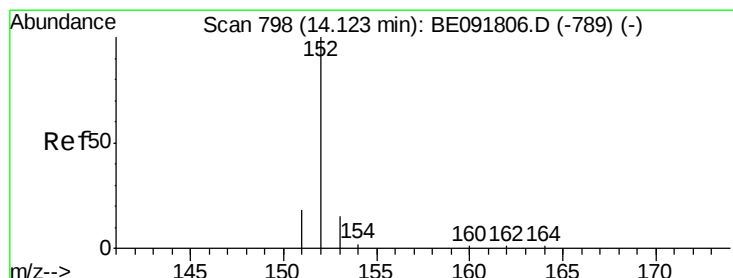
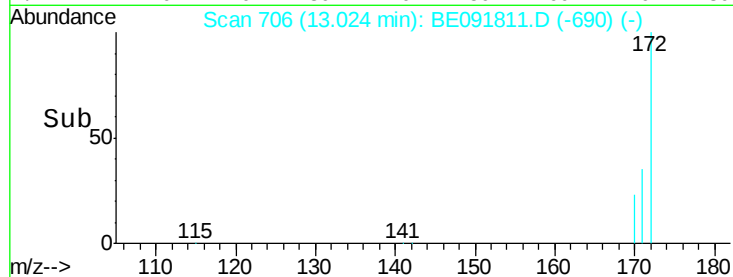
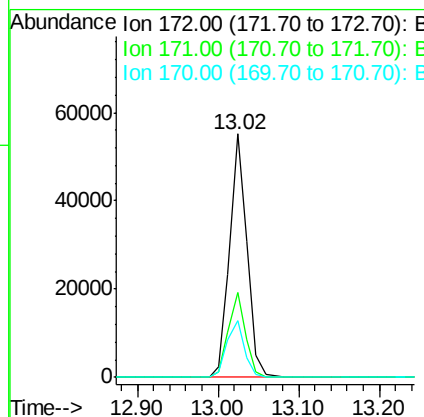
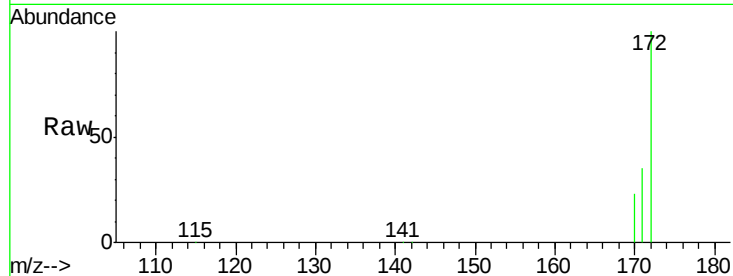
#15
2-Fluorobiphenyl
Concen: 3.81 ng
RT: 13.02 min Scan# 706
Delta R.T. -0.01 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Instrument :
BNA_E
ClientSampleId :
PB90668BS

Tgt Ion:172 Resp: 81706
Ion Ratio Lower Upper
172 100
171 34.8 28.8 43.2
170 23.4 19.3 28.9

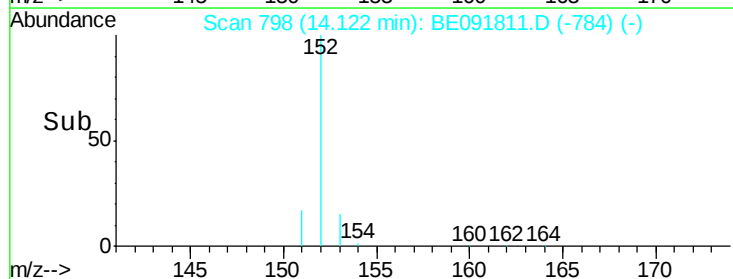
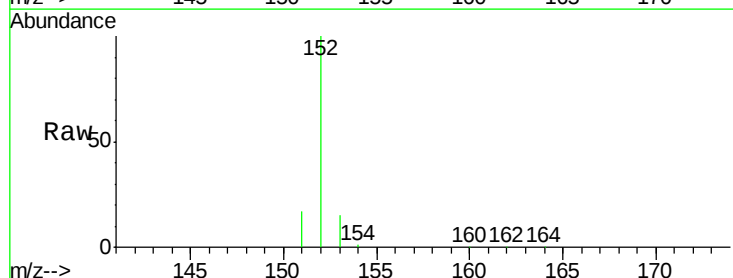
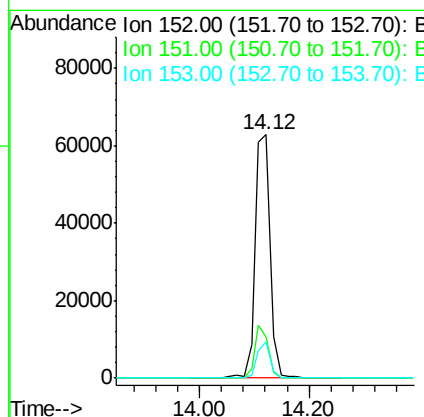
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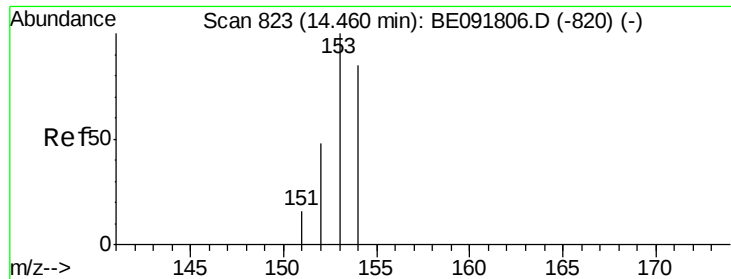
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#16
Acenaphthylene
Concen: 3.77 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Tgt Ion:152 Resp: 127148
Ion Ratio Lower Upper
152 100
151 20.2 3.9 5.9#
153 13.8 10.3 15.5





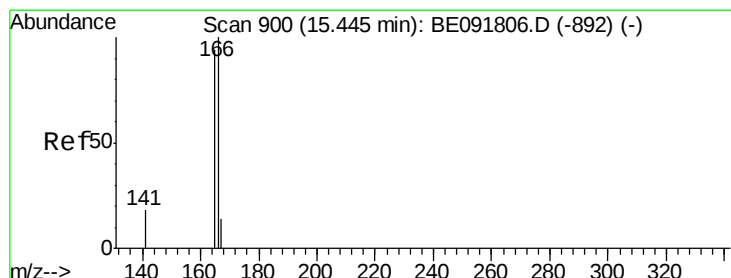
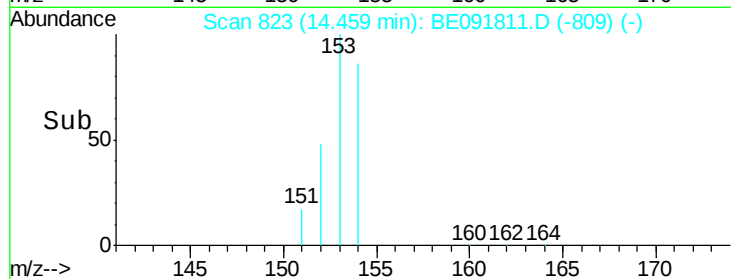
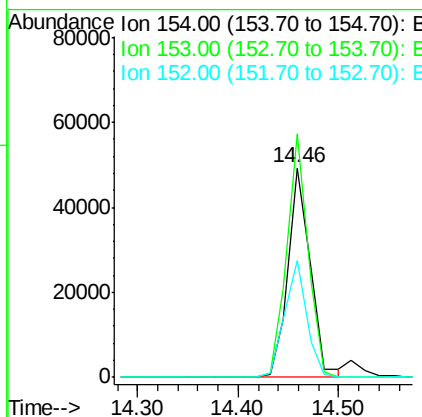
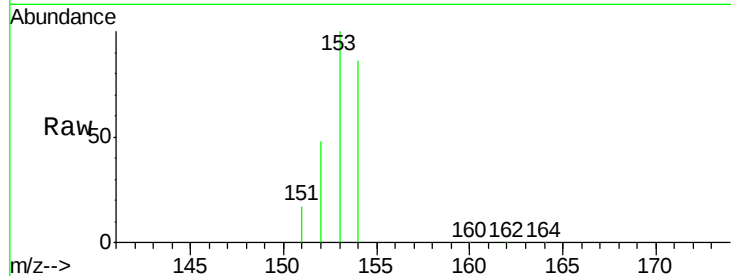
#17
Acenaphthene
Concen: 3.69 ng
RT: 14.46 min Scan# 823
Delta R.T. -0.01 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Instrument :
BNA_E
ClientSampleId :
PB90668BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.2	80.0	120.0
152	55.0	40.0	60.0

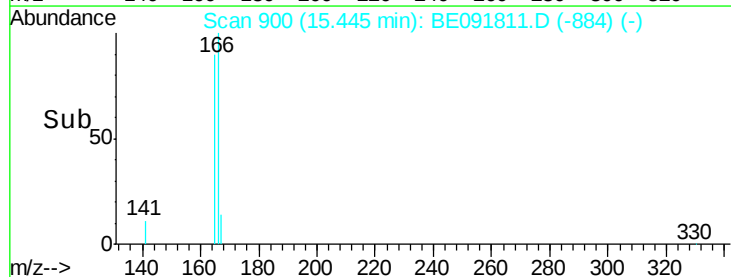
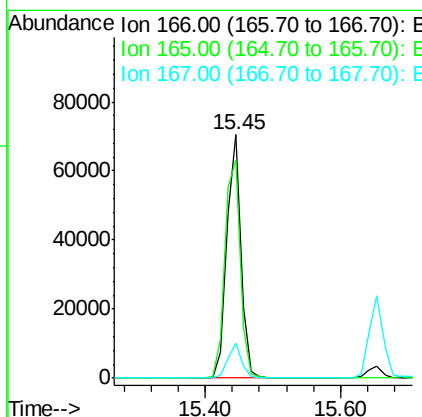
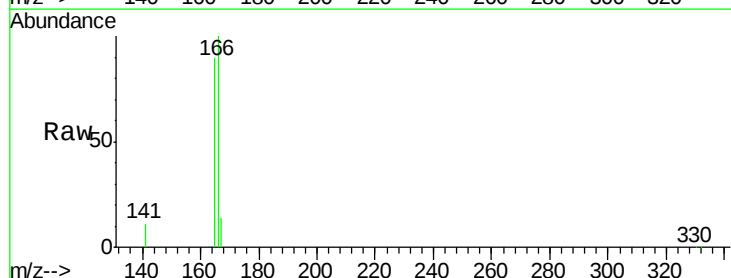
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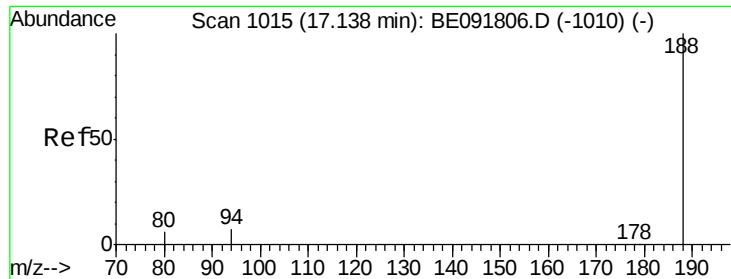
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#18
Fluorene
Concen: 3.95 ng
RT: 15.45 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	80.8	121.2
167	13.5	10.9	16.3





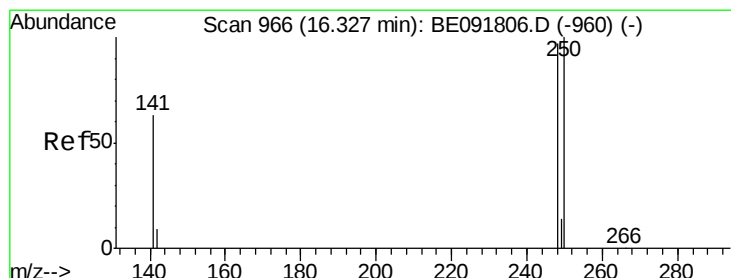
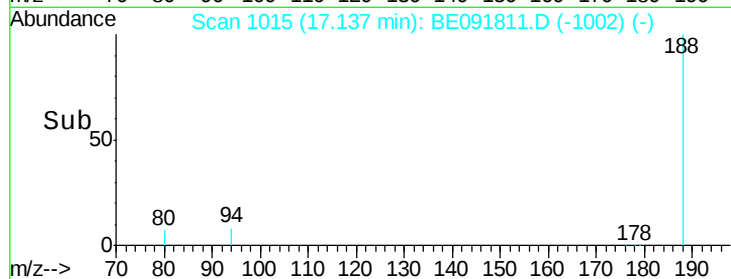
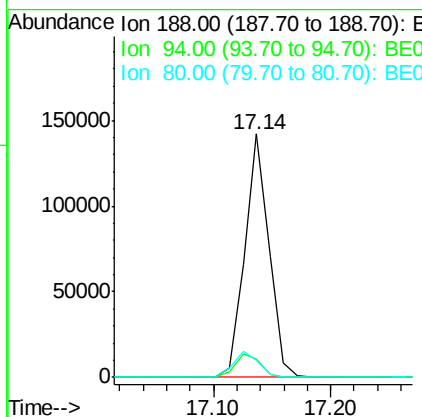
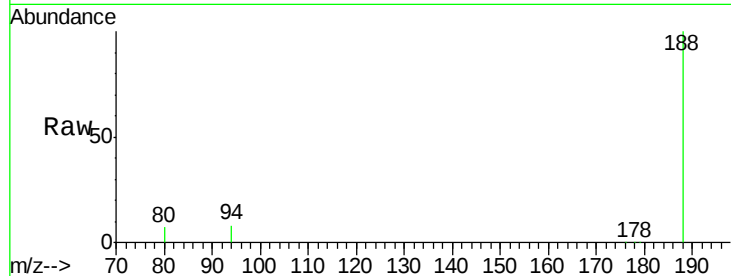
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.14 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Instrument :
BNA_E
ClientSampleId :
PB90668BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	7.6	8.7	13.1#
80	7.1	9.4	14.0#

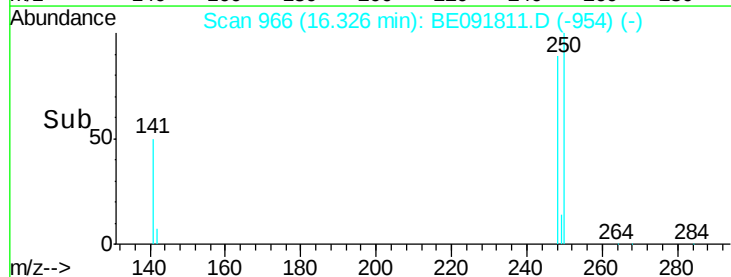
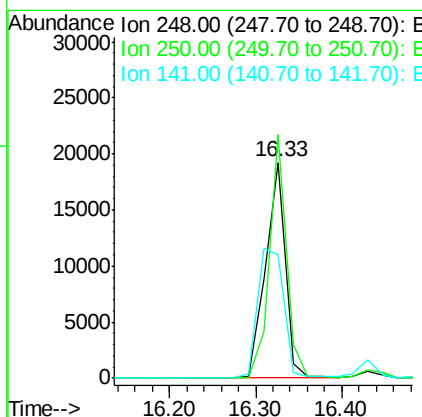
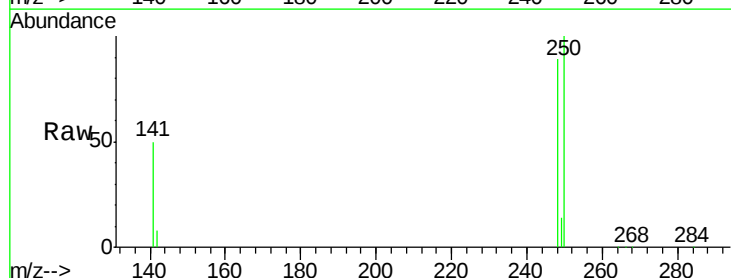
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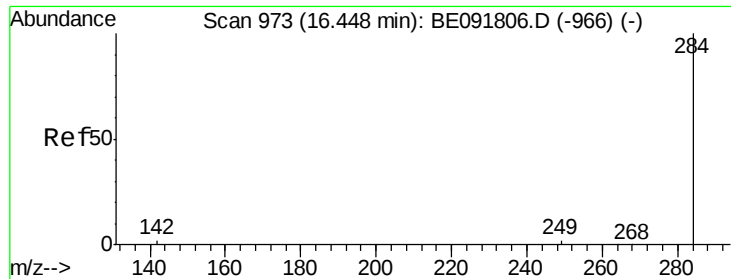
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#20
4-Bromophenyl-phenylether
Concen: 4.00 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	98.4	80.5	120.7
141	78.8	72.0	108.0





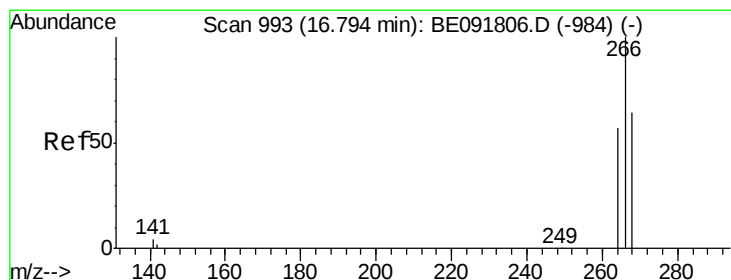
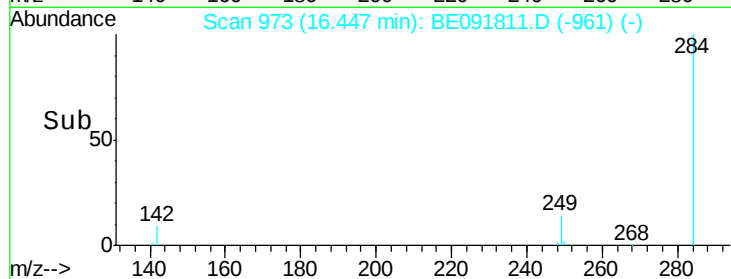
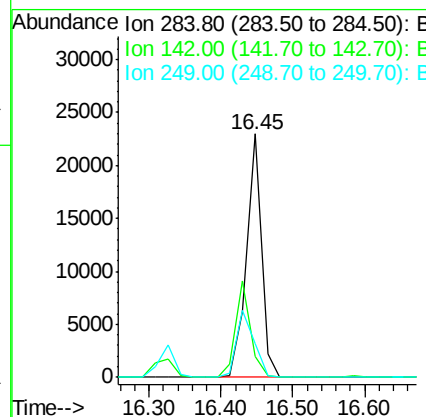
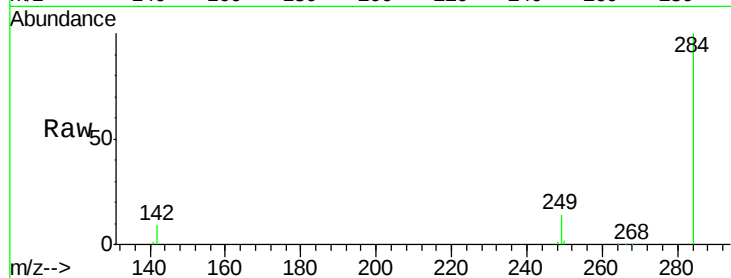
#21
Hexachlorobenzene
Concen: 4.11 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Instrument :
BNA_E
ClientSampleId :
PB90668BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
284	100		
142	38.7	32.2	48.2
249	31.3	25.4	38.2

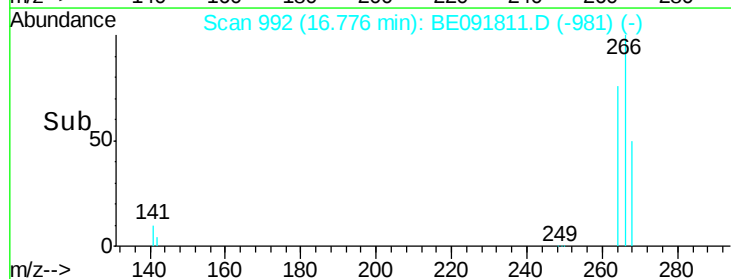
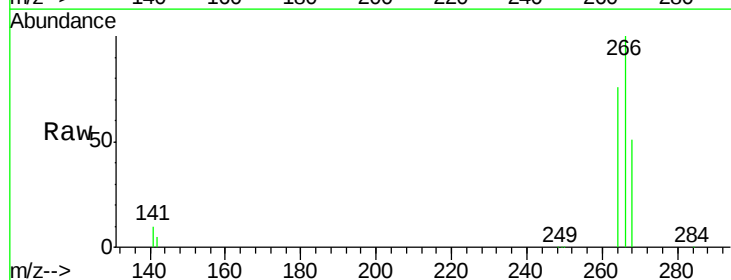
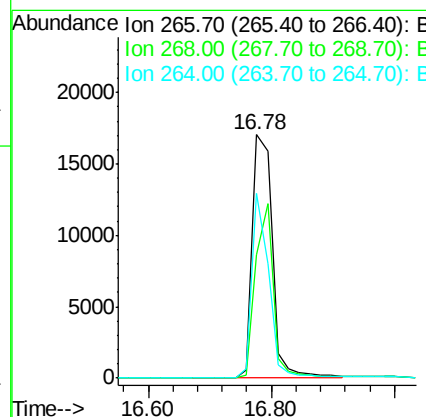
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#22
Pentachlorophenol
Concen: 11.55 ng
RT: 16.78 min Scan# 992
Delta R.T. -0.02 min
Lab File: BE091811.D
Acq: 19 May 2016 15:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	50.5	58.2	87.2#
264	76.0	56.2	84.4





#23

Phenanthrene

Concen: 5.50 ng

RT: 17.17 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampleId :

PB90668BS

Tgt Ion:178 Resp: 219882

Ion Ratio Lower Upper

178 100

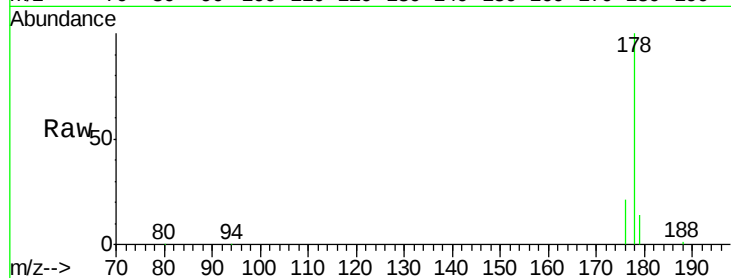
176 17.8 15.3 22.9

179 14.1 12.6 18.8

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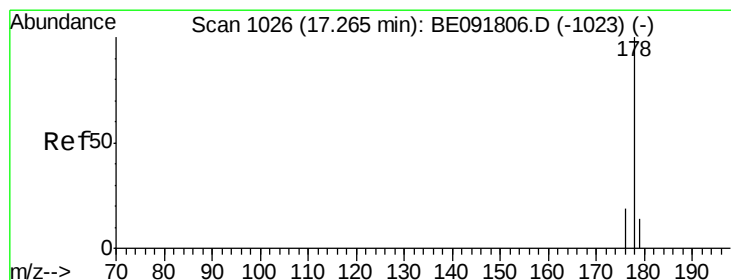
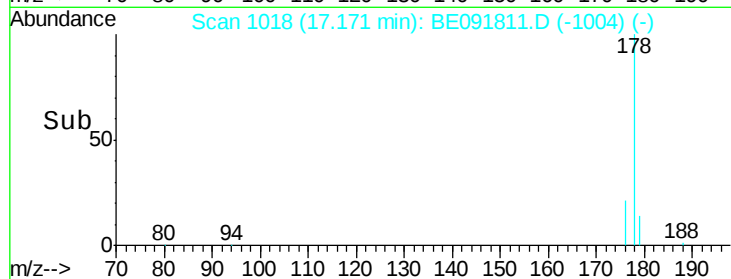
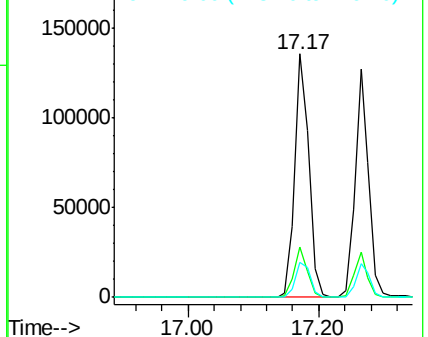
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 4.26 ng

RT: 17.26 min Scan# 1026

Delta R.T. -0.01 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Tgt Ion:178 Resp: 189001

Ion Ratio Lower Upper

178 100

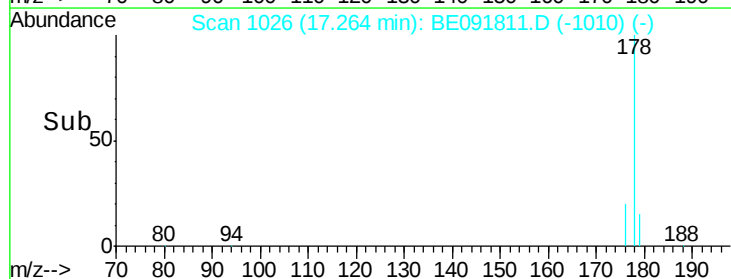
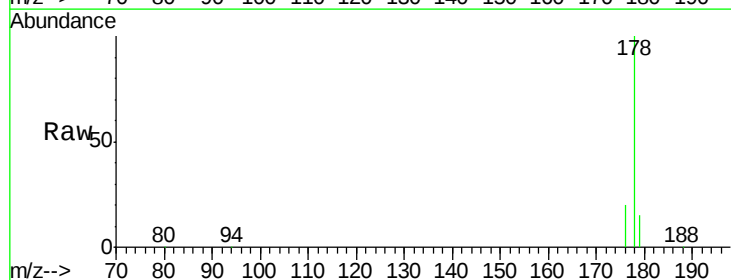
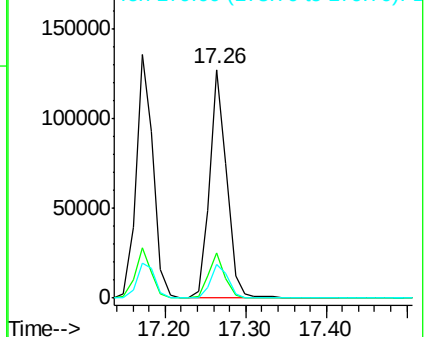
176 19.0 14.6 21.8

179 15.3 11.8 17.6

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





#25

Fluoranthene

Concen: 4.43 ng

RT: 19.19 min Scan# 1150

Delta R.T. -0.00 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

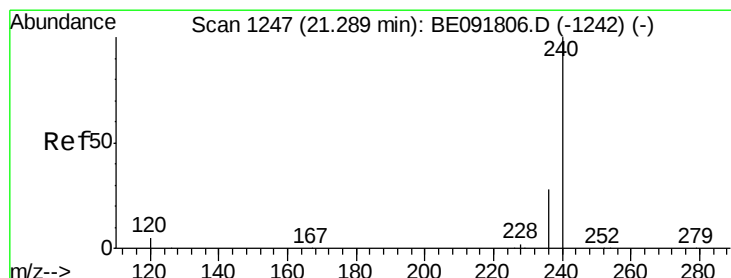
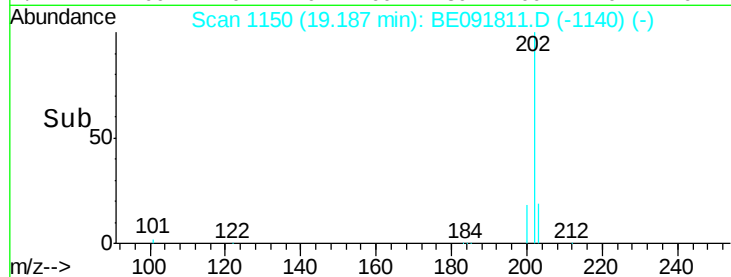
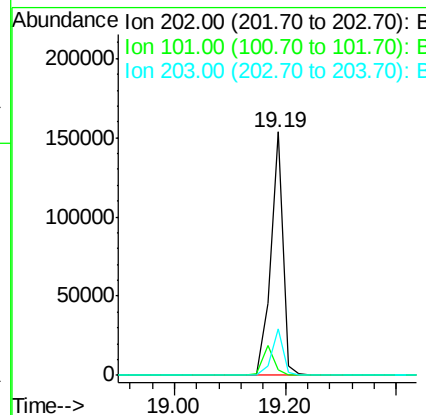
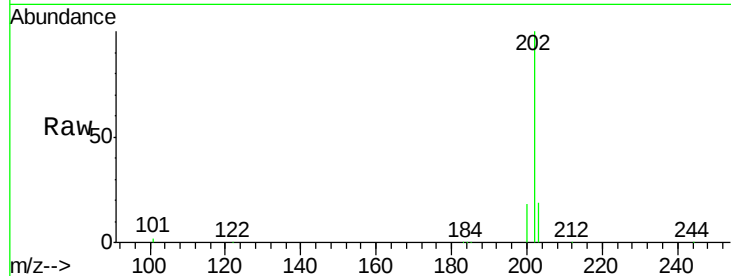
ClientSampleId :

PB90668BS

Tgt	Ion	202	Resp:	239996
Ion	Ratio	Lower	Upper	
202	100			
101	11.4	11.0	16.6	
203	18.0	13.9	20.9	

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#26

Chrysene-d12

Concen: 5.00 ng

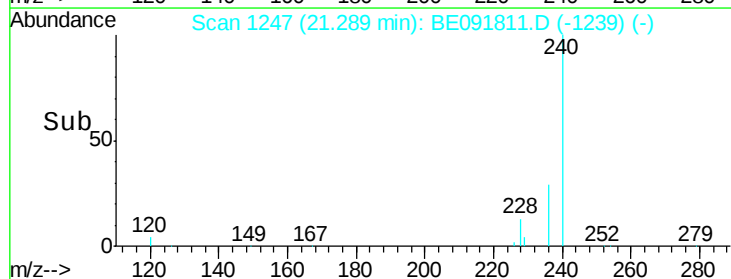
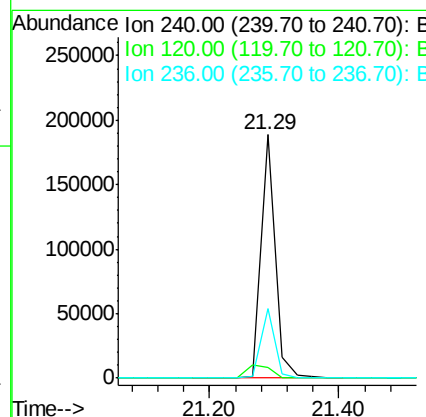
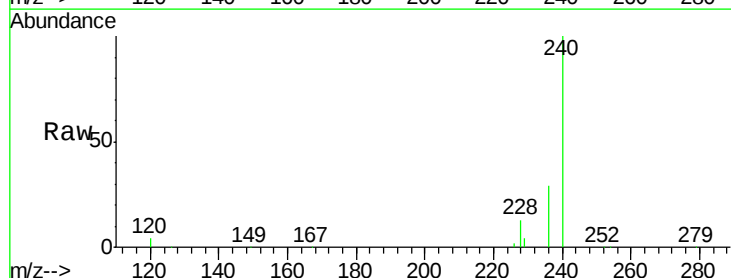
RT: 21.29 min Scan# 1247

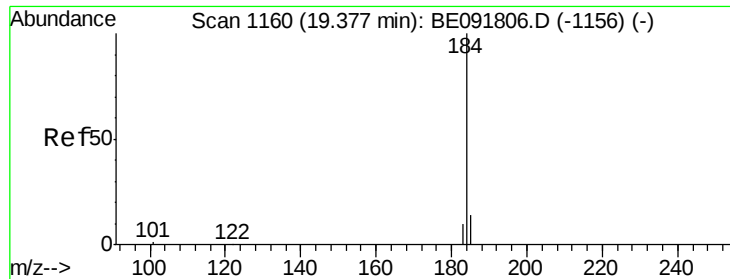
Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Tgt	Ion	240	Resp:	290570
Ion	Ratio	Lower	Upper	
240	100			
120	4.5	11.0	16.4#	
236	28.8	21.7	32.5	





#27

Benzidine

Concen: 3.97 ng

RT: 19.36 min Scan# 1159

Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

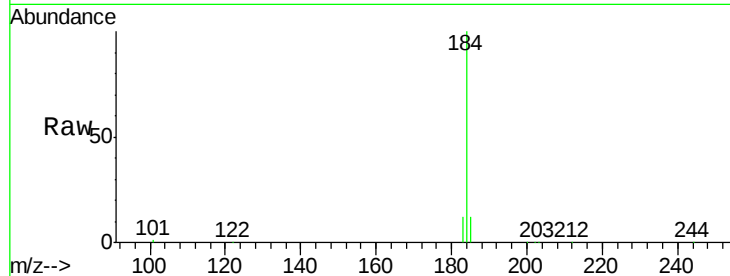
ClientSampleId :

PB90668BS

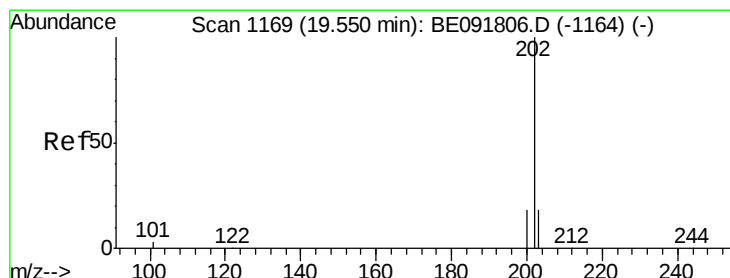
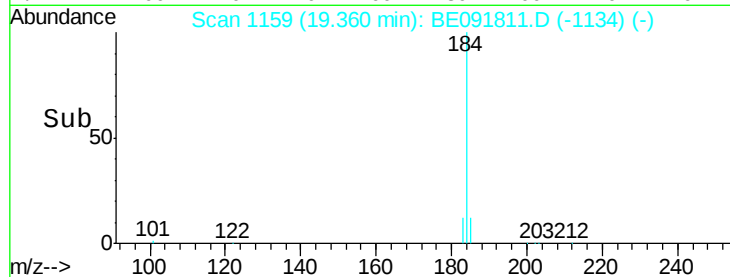
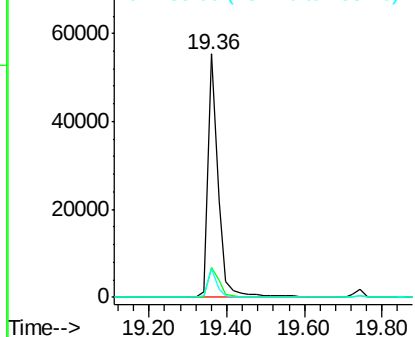
Tgt Ion:	184	Resp:	101953
Ion Ratio		Lower	Upper
184	100		
185	12.4	22.3	33.5#
183	11.8	16.4	24.6#

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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



#28

Pyrene

Concen: 4.05 ng

RT: 19.55 min Scan# 1169

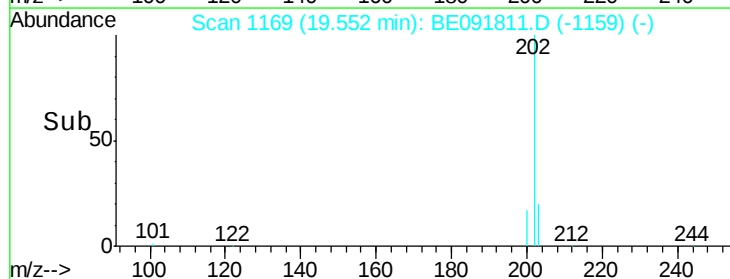
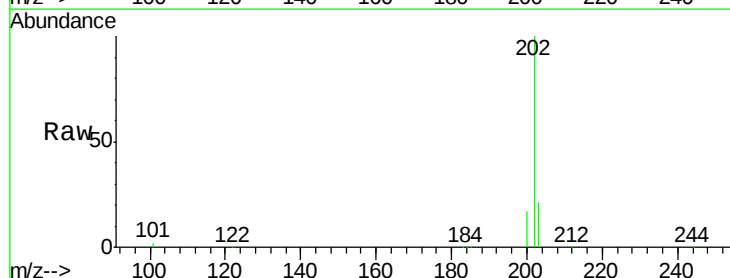
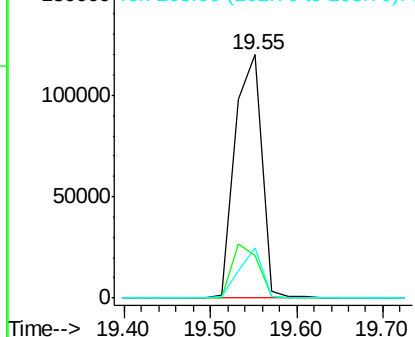
Delta R.T. -0.00 min

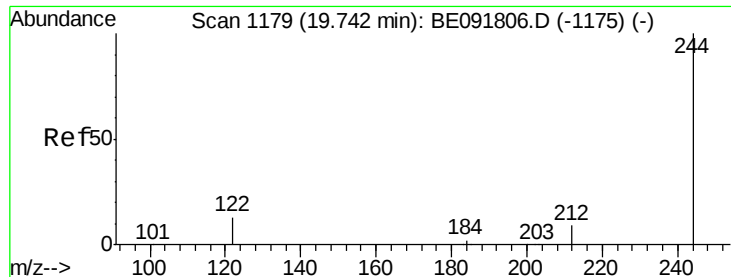
Lab File: BE091811.D

Acq: 19 May 2016 15:44

Tgt Ion:	202	Resp:	258223
Ion Ratio		Lower	Upper
202	100		
200	21.8	16.8	25.2
203	17.7	14.0	21.0

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





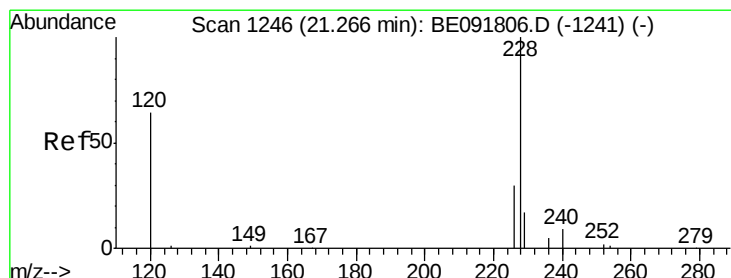
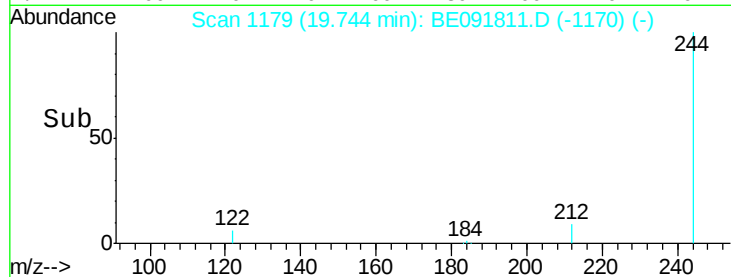
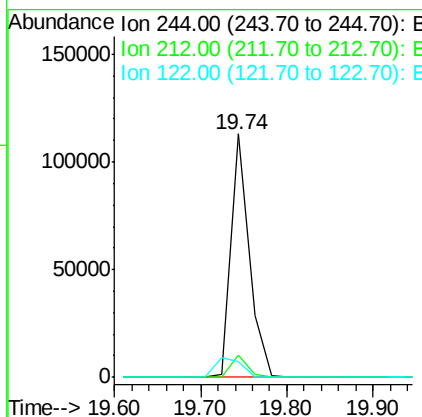
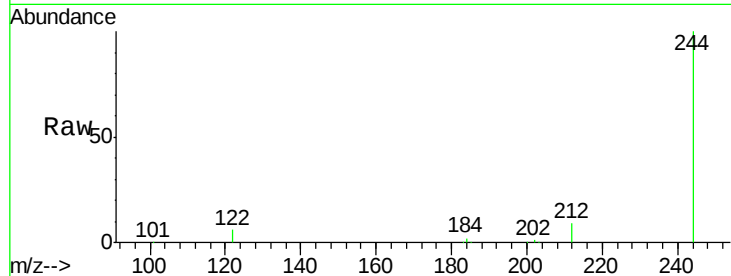
#29
 Terphenyl-d14
 Concen: 4.06 ng
 RT: 19.74 min Scan# 1179
 Delta R.T. -0.02 min
 Lab File: BE091811.D
 Acq: 19 May 2016 15:44

Instrument :
 BNA_E
 ClientSampleId :
 PB90668BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.9	6.9	10.3
122	6.3	11.0	16.4

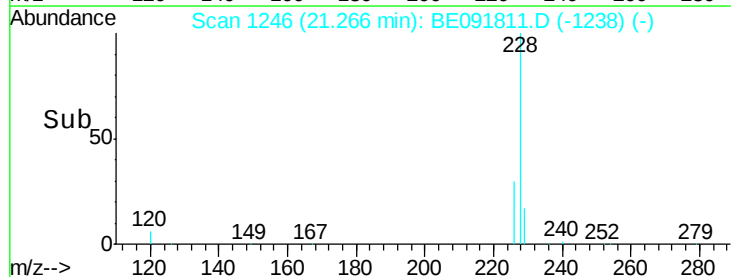
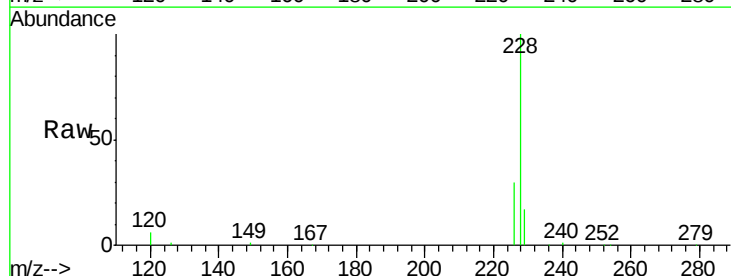
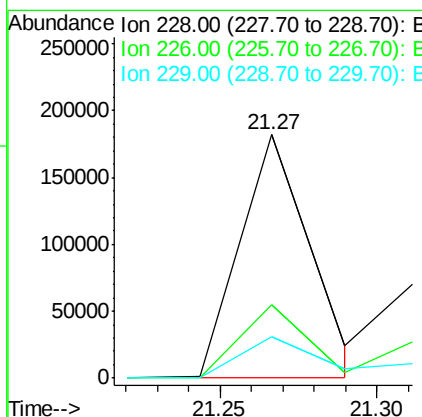
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#30
 Benzo(a)anthracene
 Concen: 4.07 ng m
 RT: 21.27 min Scan# 1246
 Delta R.T. -0.02 min
 Lab File: BE091811.D
 Acq: 19 May 2016 15:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.0	21.0	31.4
229	17.1	15.7	23.5





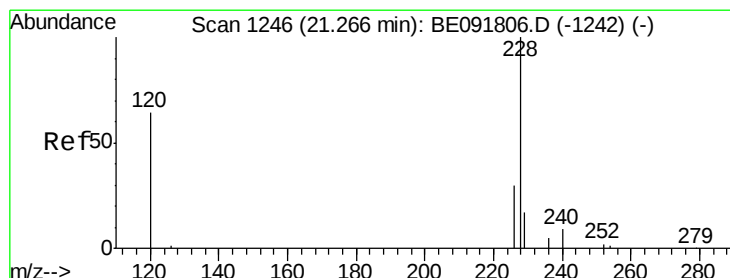
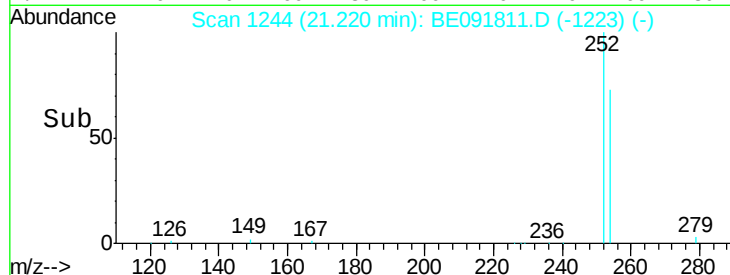
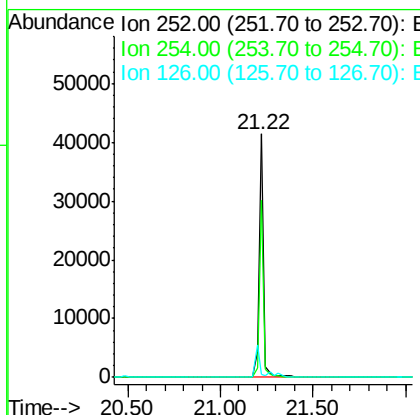
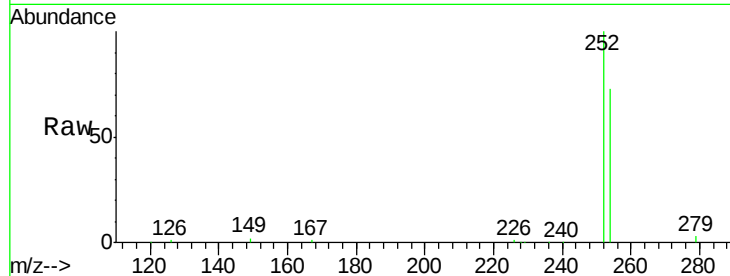
#31
 3,3'-Dichlorobenzidine
 Concen: 1.54 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091811.D
 Acq: 19 May 2016 15:44

Instrument :
 BNA_E
 ClientSampled :
 PB90668BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
254	72.6	51.1	76.7
126	1.4	12.6	18.8

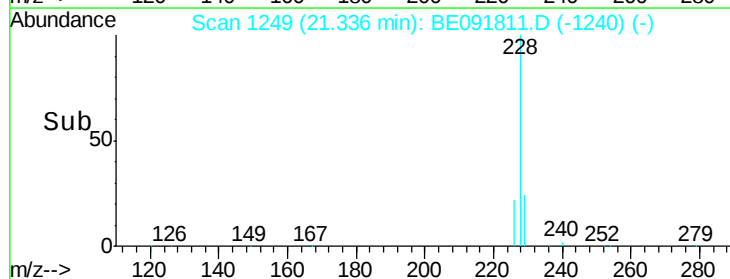
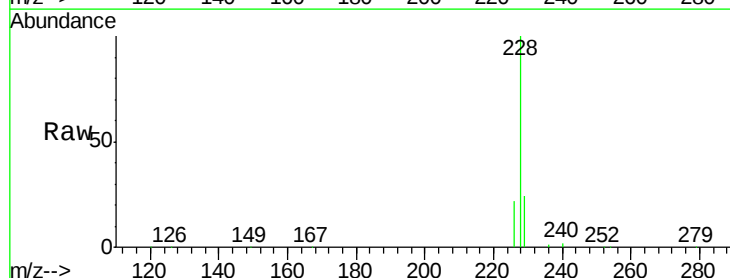
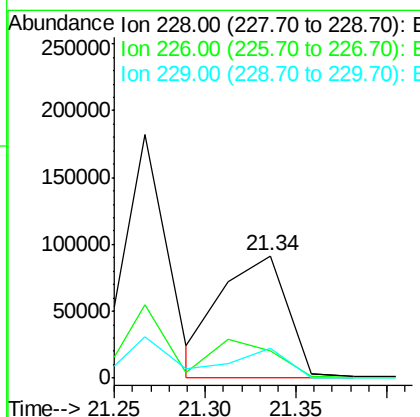
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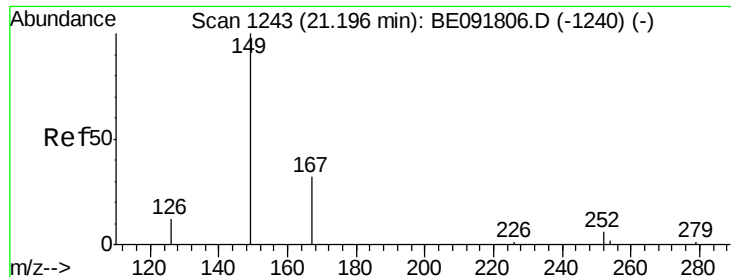
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#32
 Chrysene
 Concen: 3.89 ng m
 RT: 21.34 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BE091811.D
 Acq: 19 May 2016 15:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	22.3	24.0	36.0
229	24.5	15.9	23.9





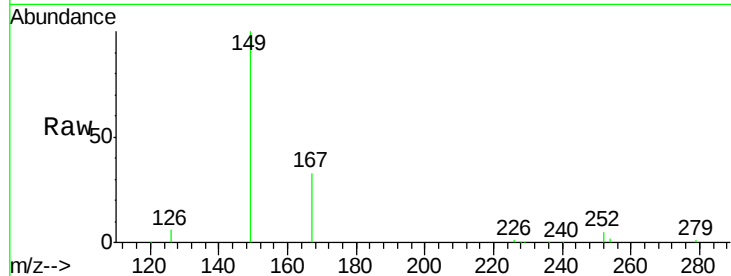
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 3.31 ng
 RT: 21.20 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091811.D
 Acq: 19 May 2016 15:44

Instrument :
 BNA_E
 ClientSampleID :
 PB90668BS

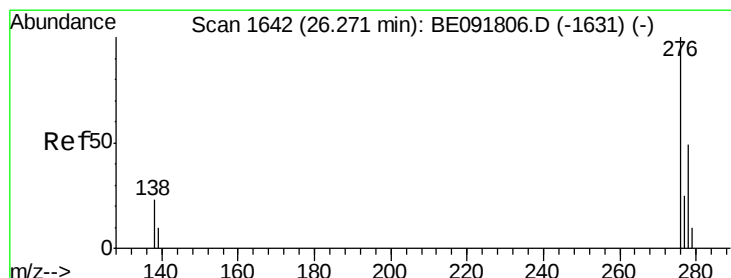
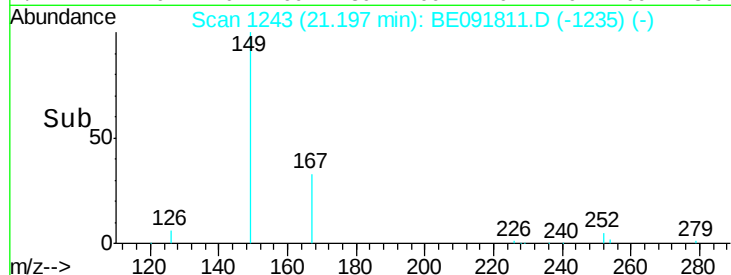
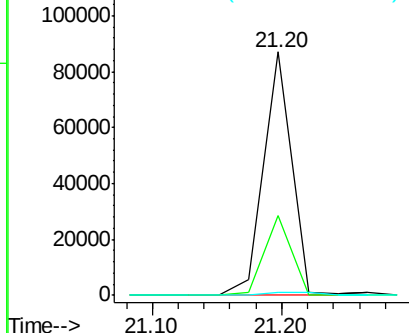
Tgt Ion	Ratio	Resp Lower	Resp Upper
149	100		
167	31.9	19.5	29.3#
279	0.0	10.0	15.0#

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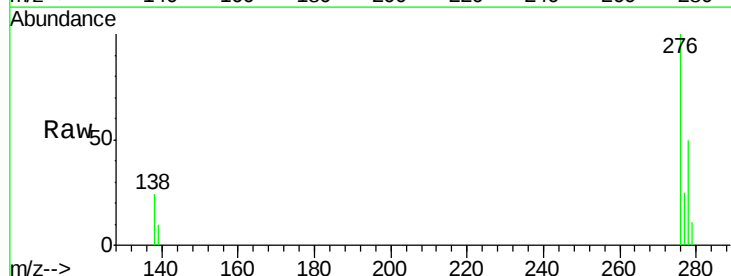


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

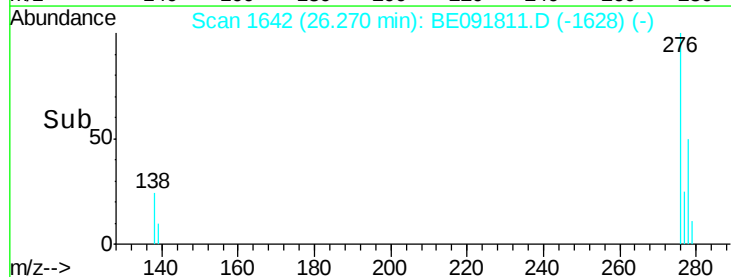
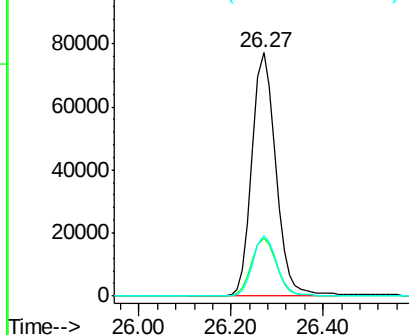


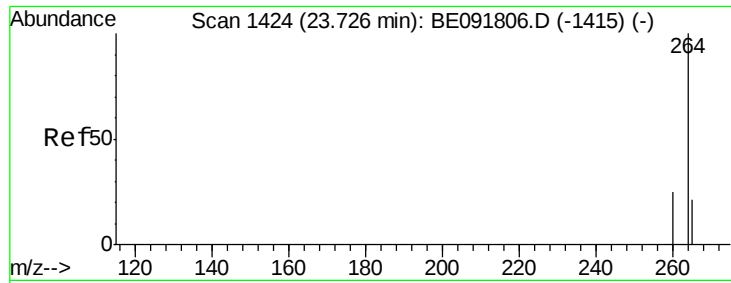
#34
 Indeno(1,2,3-cd)pyrene
 Concen: 3.88 ng
 RT: 26.27 min Scan# 1642
 Delta R.T. -0.04 min
 Lab File: BE091811.D
 Acq: 19 May 2016 15:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	24.7	23.4	35.2
277	24.9	19.8	29.8



Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E





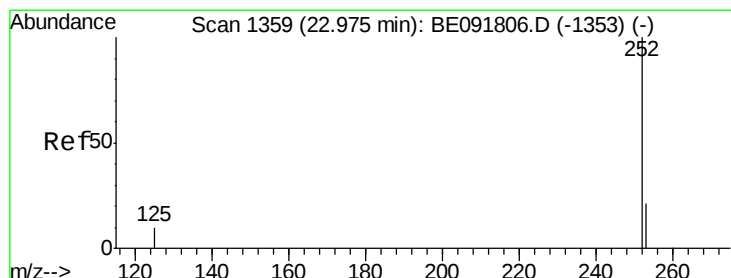
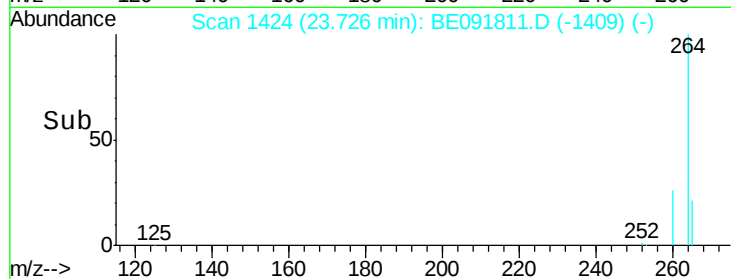
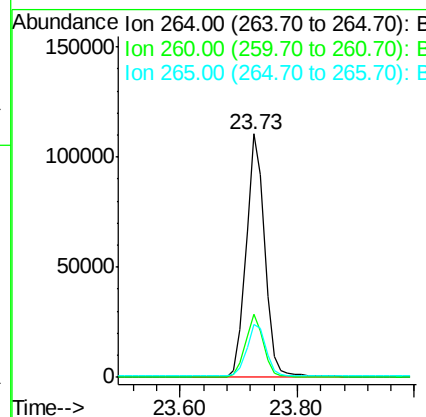
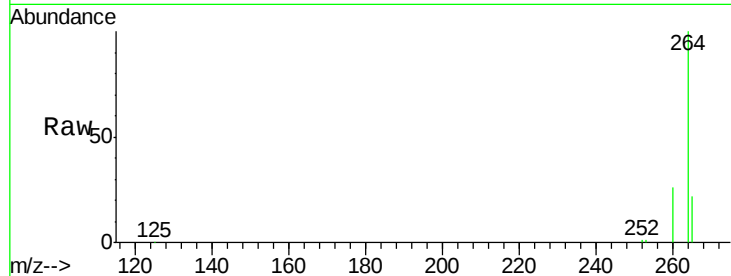
#35
 Perylene-d12
 Concen: 5.00 ng
 RT: 23.73 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: BE091811.D
 Acq: 19 May 2016 15:44

Instrument :
 BNA_E
 ClientSampleId :
 PB90668BS

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	25.9	20.0	30.0
265	21.5	17.5	26.3

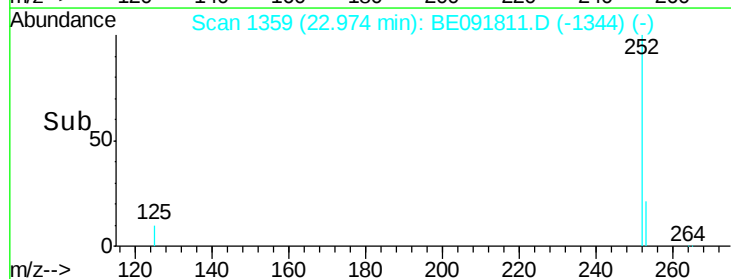
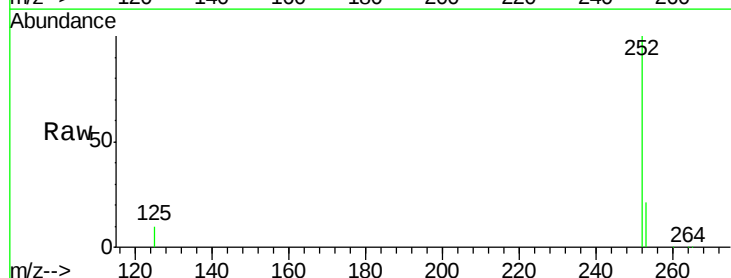
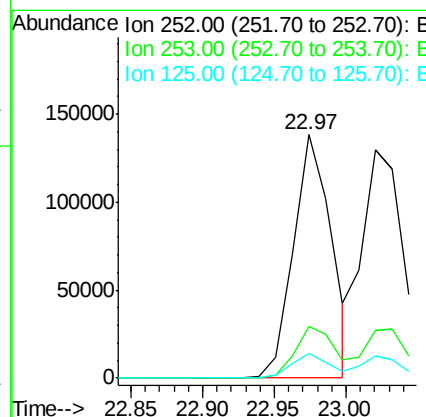
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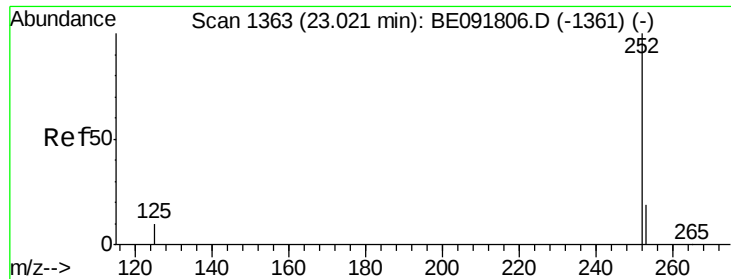
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#36
 Benzo(b)fluoranthene
 Concen: 4.15 ng
 RT: 22.97 min Scan# 1359
 Delta R.T. -0.02 min
 Lab File: BE091811.D
 Acq: 19 May 2016 15:44

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	21.0	17.4	26.0
125	9.9	10.2	15.2#





#37

Benzo(k)fluoranthene

Concen: 4.23 ng m

RT: 23.02 min Scan# 1363

Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

ClientSampleId :

PB90668BS

Tgt Ion: 252 Resp: 264107
Ion Ratio Lower Upper

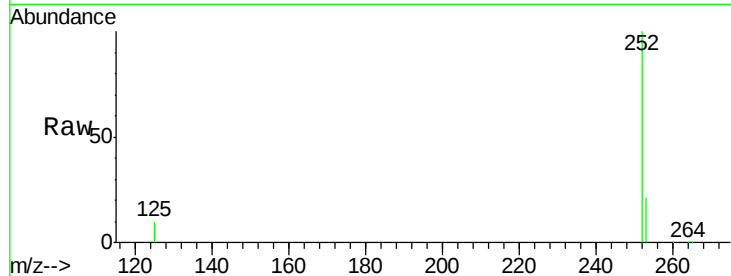
252 100

253 21.0 17.6 26.4

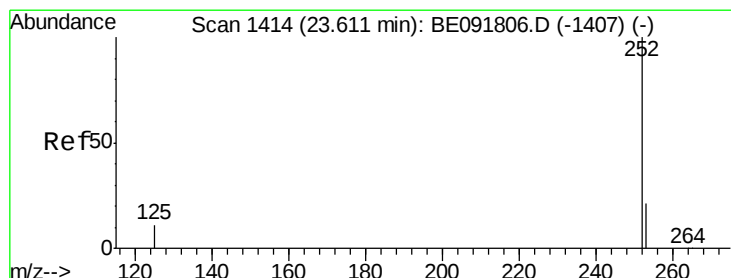
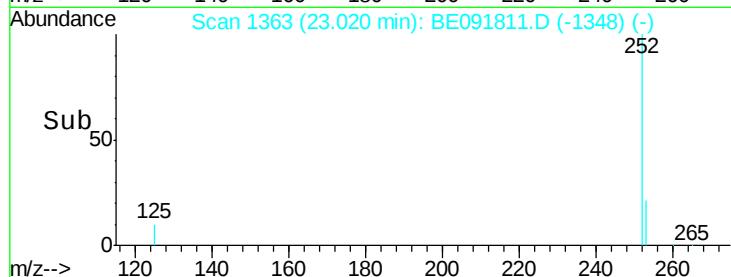
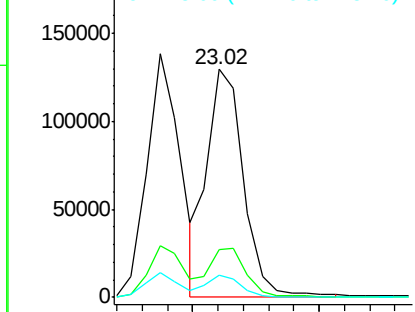
125 9.9 9.9 14.9#

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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



#38

Benzo(a)pyrene

Concen: 4.17 ng

RT: 23.61 min Scan# 1414

Delta R.T. -0.02 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

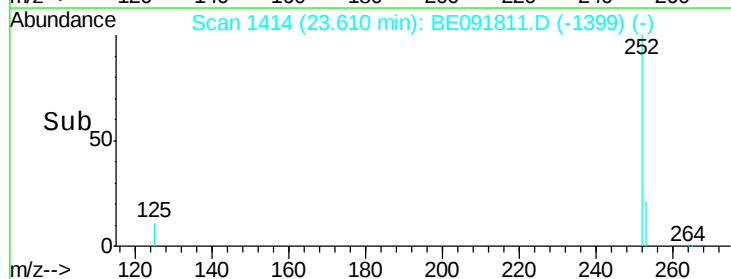
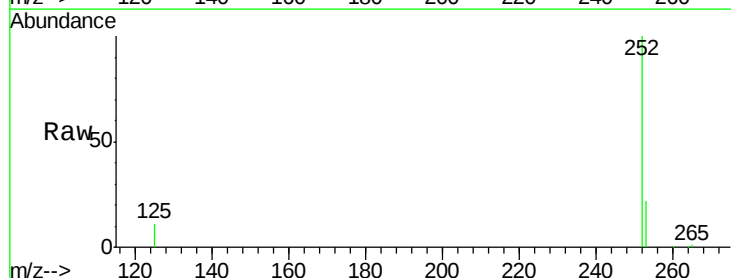
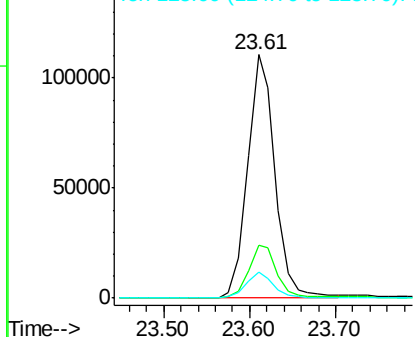
Tgt Ion: 252 Resp: 243039
Ion Ratio Lower Upper

252 100

253 21.5 18.1 27.1

125 10.9 11.0 16.4#

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





#39

Dibenzo(a,h)anthracene

Concen: 4.11 ng

RT: 26.29 min Scan# 1644

Delta R.T. -0.05 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Instrument :

BNA_E

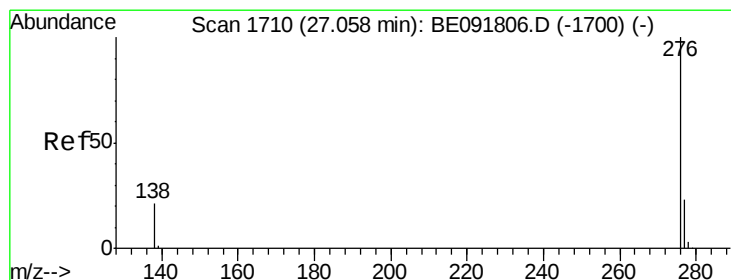
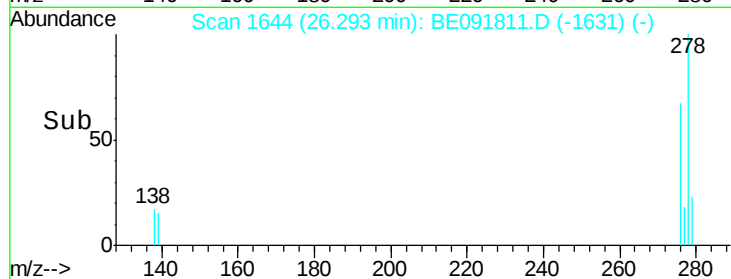
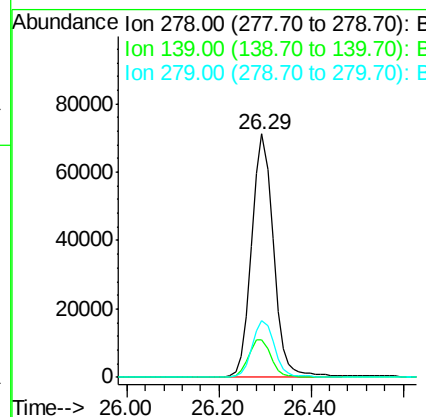
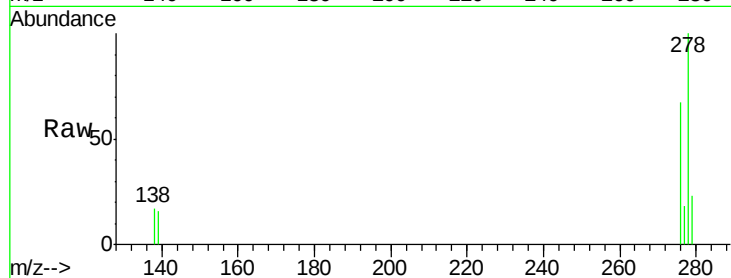
ClientSampleId :

PB90668BS

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	16.0	24.0#
279	23.3	19.4	29.2

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#40

Benzo(g,h,i)perylene

Concen: 4.00 ng

RT: 27.06 min Scan# 1710

Delta R.T. -0.05 min

Lab File: BE091811.D

Acq: 19 May 2016 15:44

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.6	28.0
138	20.9	20.4	30.6

