

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042916\
 Data File : BE091734.D
 Acq On : 29 Apr 2016 15:26
 Operator : UM/SJ
 Sample : PB90187BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90187BS

Manual Integrations
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sohil
 4/30/2016 11:26:39 AM

Quant Time: Apr 29 23:35:45 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 26 16:09:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	36018	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	169587	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	99945	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	239236	5.00	ng	0.00
26) Chrysene-d12	21.31	240	257467	5.00	ng	0.00
35) Perylene-d12	23.75	264	264481	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	53458	6.04	ng	0.00
5) Phenol-d6	6.96	99	78045	6.65	ng	0.00
8) Nitrobenzene-d5	8.95	82	35903	3.28	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	25057	6.76	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	106432	3.77	ng	0.00
29) Terphenyl-d14	19.76	244	174792	4.35	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	13032	3.07	ng	93
3) n-Nitrosodimethylamine	3.63	42	20888	3.19	ng	# 87
6) bis(2-Chloroethyl)ether	7.21	93	33501	3.25	ng	# 75
9) Nitrobenzene	8.99	77	36859	3.22	ng	94
10) Naphthalene	10.61	128	113755	3.32	ng	97
11) Hexachlorobutadiene	10.90	225	17697	3.50	ng	98
12) 2-Methylnaphthalene	12.22	142	81539	3.70	ng	95
16) Acenaphthylene	14.12	152	146926	3.82	ng	# 86
17) Acenaphthene	14.47	154	93820	3.76	ng	96
18) Fluorene	15.45	166	114995	3.71	ng	99
20) 4-Bromophenyl-phenylether	16.33	248	32877	3.82	ng	95
21) Hexachlorobenzene	16.45	284	32443	3.77	ng	95
22) Pentachlorophenol	16.79	266	34142	7.35	ng	89
23) Phenanthrene	17.18	178	211746	3.90	ng	100
24) Anthracene	17.27	178	198617	4.05	ng	98
25) Fluoranthene	19.19	202	231311	4.07	ng	97
27) Benzidine	19.38	184	35622	1.85	ng	# 77
28) Pyrene	19.55	202	269272	4.63	ng	99
30) Benzo(a)anthracene	21.29	228	239328	3.81	ng	# 91
31) 3,3'-Dichlorobenzidine	21.22	252	28692	0.89	ng	# 85
32) Chrysene	21.33	228	282130m	4.32	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	92565	4.86	ng	# 85
34) Indeno(1,2,3-cd)pyrene	26.29	276	259271	4.46	ng	97
36) Benzo(b)fluoranthene	22.99	252	240842	3.89	ng	96
37) Benzo(k)fluoranthene	23.03	252	262031	4.16	ng	97
38) Benzo(a)pyrene	23.63	252	230103	3.94	ng	# 97
39) Dibenzo(a,h)anthracene	26.32	278	219056	3.96	ng	96
40) Benzo(g,h,i)perylene	27.08	276	220489	3.92	ng	97

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

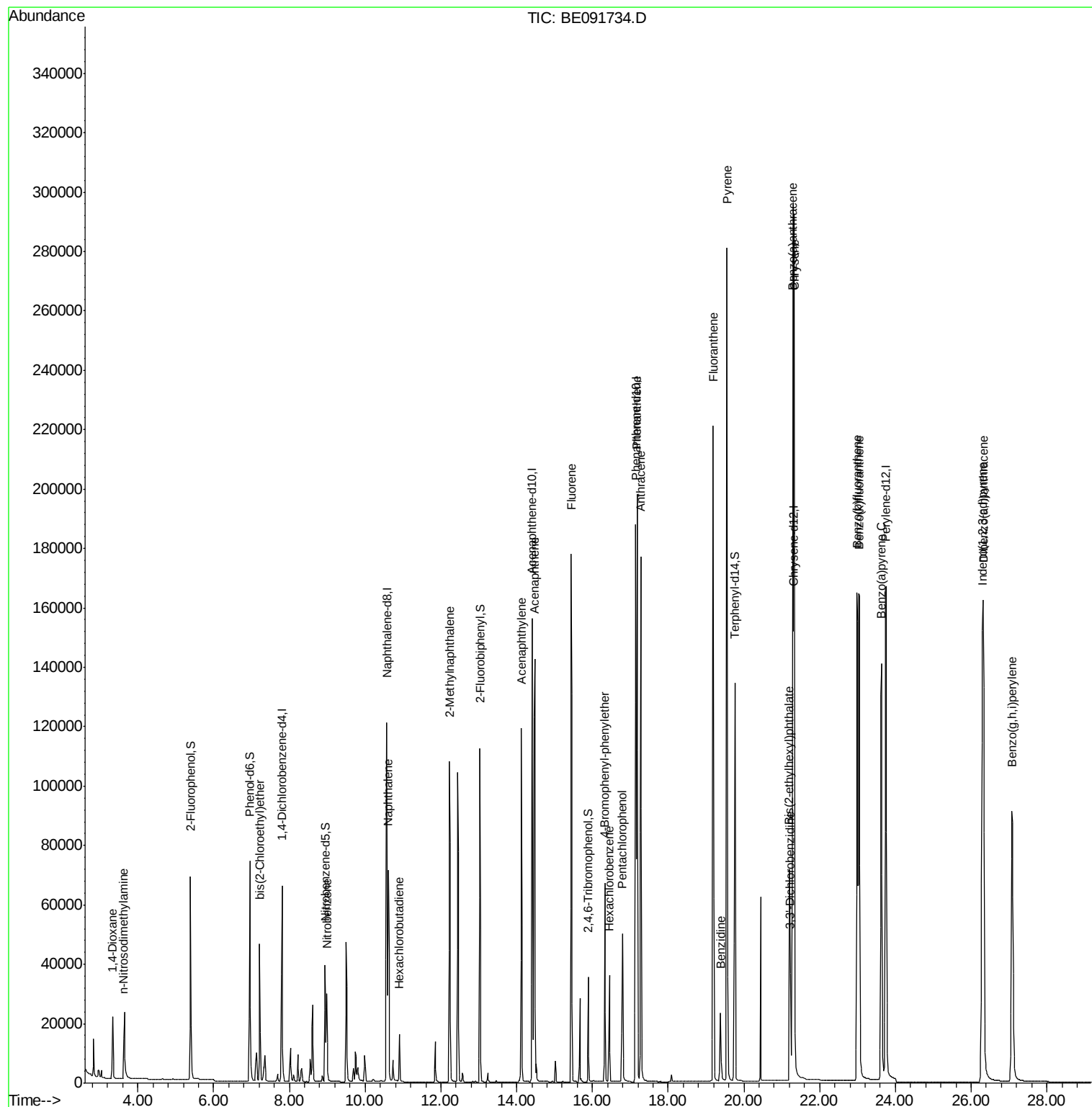
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042916\
Data File : BE091734.D
Acq On : 29 Apr 2016 15:26
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Sample : PB90187BS
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Quant Time: Apr 29 23:35:45 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE042616.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 26 16:09:46 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.80 min Scan# 300

Delta R.T. 0.00 min

Lab File: BE091734.D

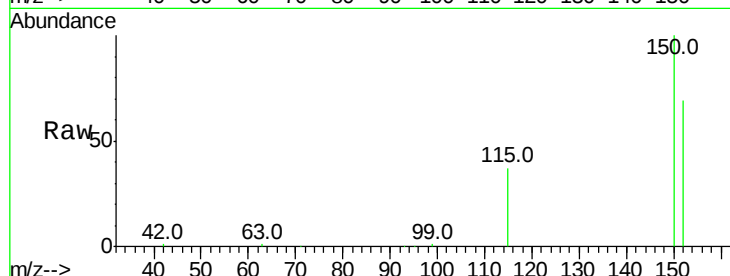
Acq: 29 Apr 2016 15:26

Instrument :

BNA_E

ClientSampleId :

PB90187BS



Tot Ion:152 Resp: 36018

Ion Ratio Lower Upper

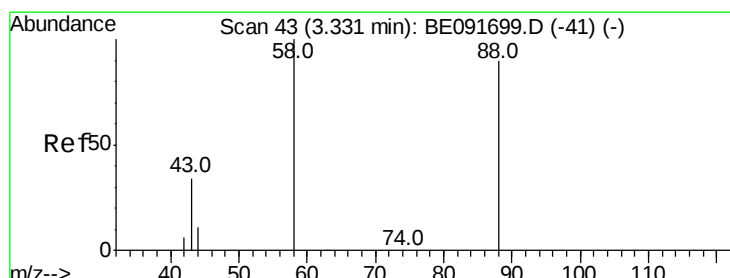
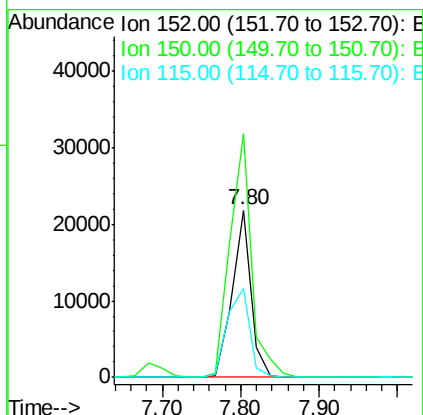
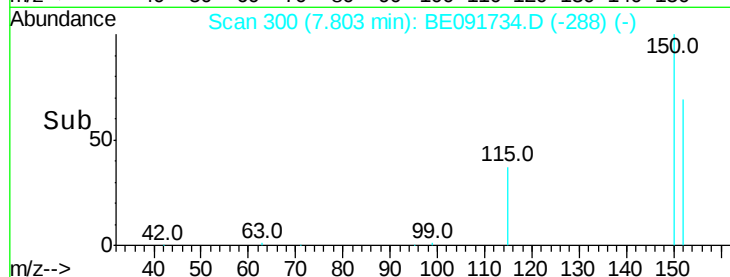
152 100

150 145.8 122.6 183.8

115 53.5 52.8 79.2

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#2

1,4-Dioxane

Concen: 3.07 ng

RT: 3.33 min Scan# 43

Delta R.T. 0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

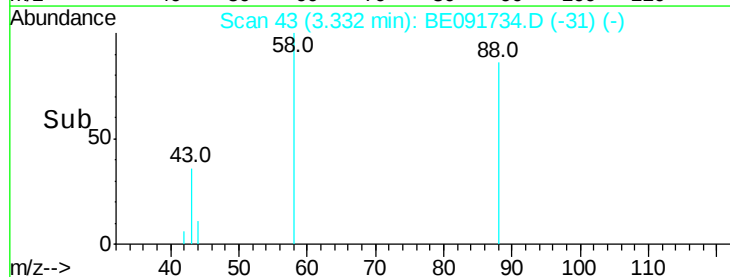
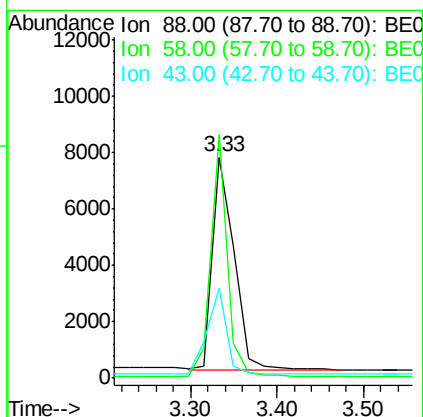
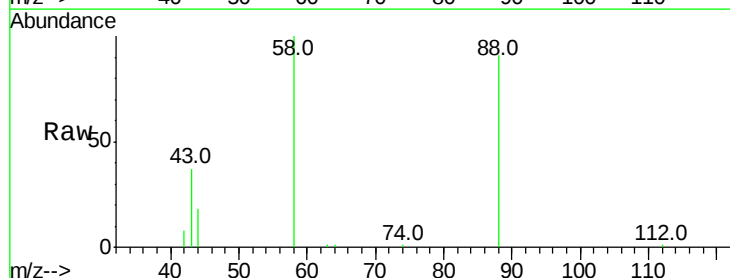
Tgt Ion: 88 Resp: 13032

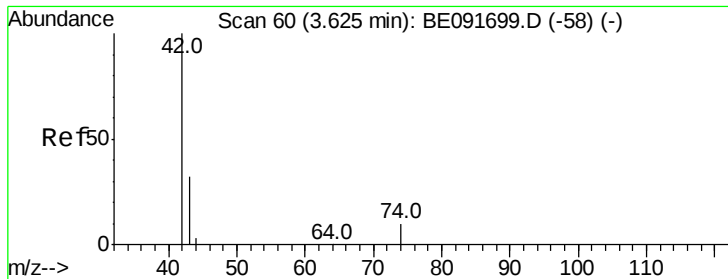
Ion Ratio Lower Upper

88 100

58 87.9 65.8 98.6

43 36.5 25.3 37.9





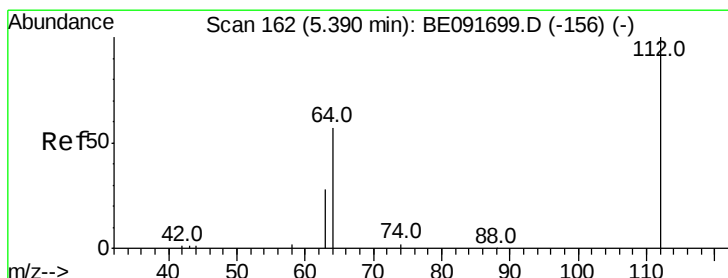
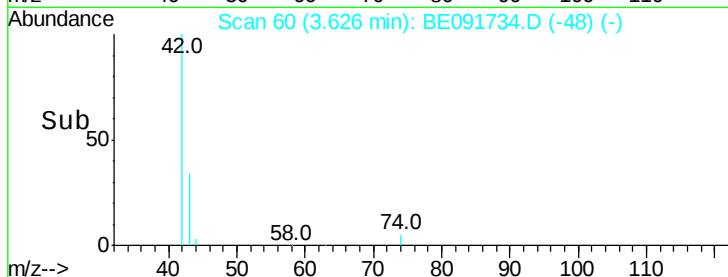
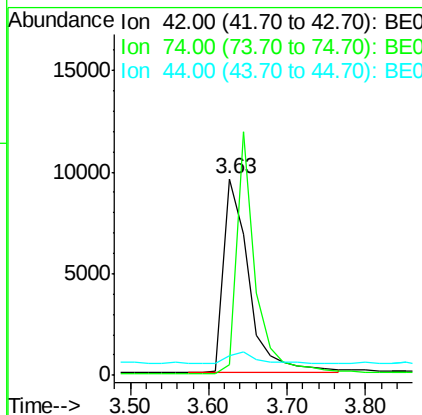
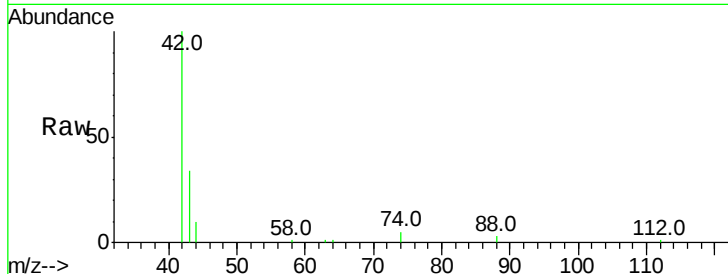
#3
n-Nitrosodimethylamine
Concen: 3.19 ng
RT: 3.63 min Scan# 60
Delta R.T. 0.00 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

Instrument :
BNA_E
ClientSampleId :
PB90187BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	96.1	87.9	131.9
44	5.8	6.6	9.8#

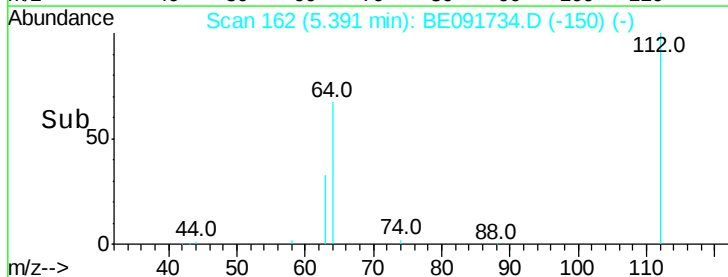
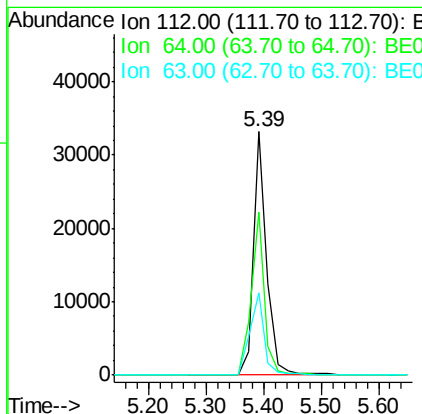
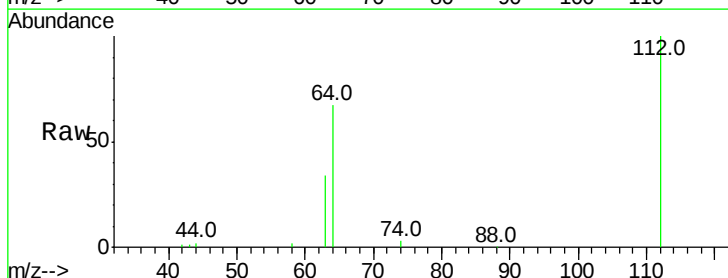
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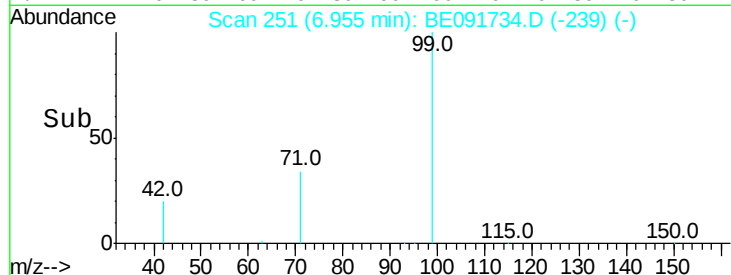
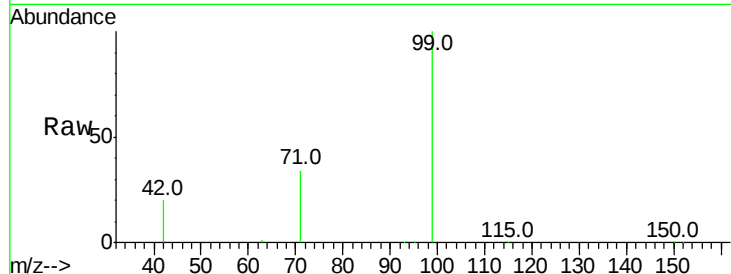
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#4
2-Fluorophenol
Concen: 6.04 ng
RT: 5.39 min Scan# 162
Delta R.T. 0.00 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.2	30.9	46.3#
63	36.5	16.7	25.1#





#5

Phenol-d6

Concen: 6.65 ng

RT: 6.96 min Scan# 251

Delta R.T. 0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Tot Ion:	99	Resp:	78045
Ion Ratio	Lower	Upper	
99	100		
42	25.5	16.2	24.2#
71	35.2	29.0	43.4

Instrument :

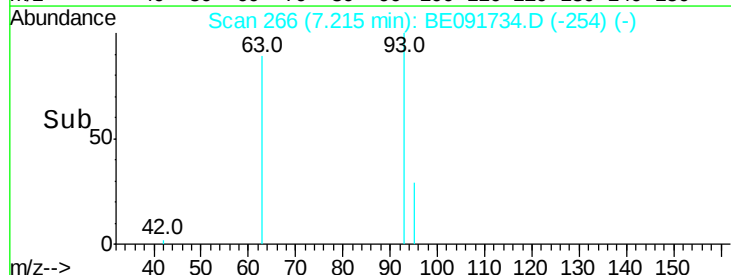
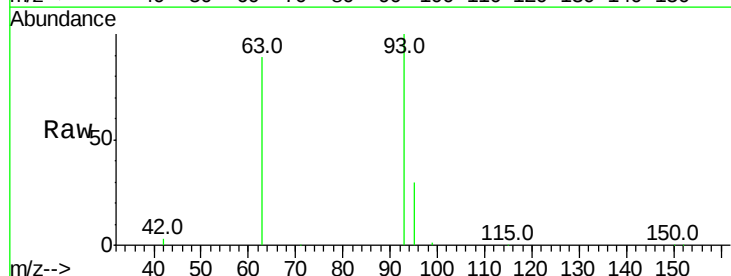
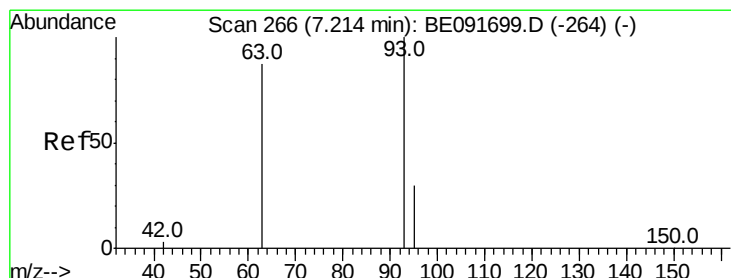
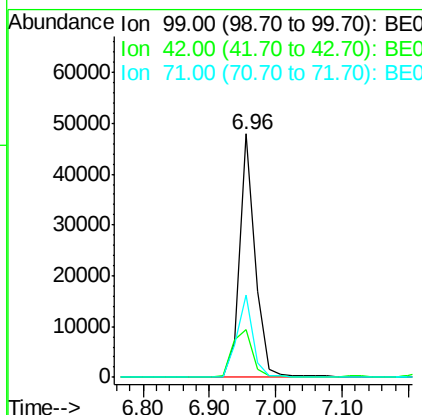
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ClientSampleId :

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#6

bis(2-Chloroethyl)ether

Concen: 3.25 ng

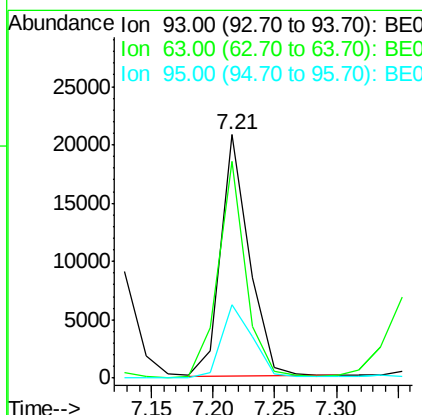
RT: 7.21 min Scan# 266

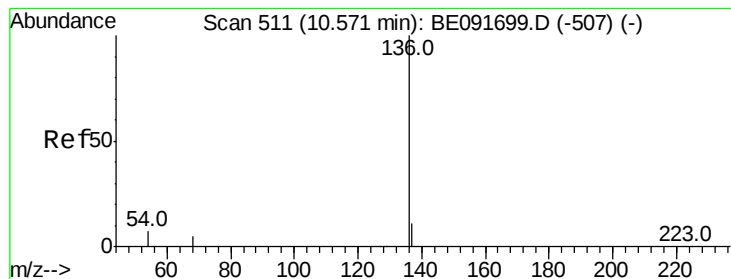
Delta R.T. 0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Tgt Ion:	93	Resp:	33501
Ion Ratio	Lower	Upper	
93	100		
63	86.1	49.5	74.3#
95	32.7	22.2	33.4





#7

Naphthalene-d8

Concen: 5.00 ng

RT: 10.57 min Scan# 511

Delta R.T. 0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Instrument :

BNA_E

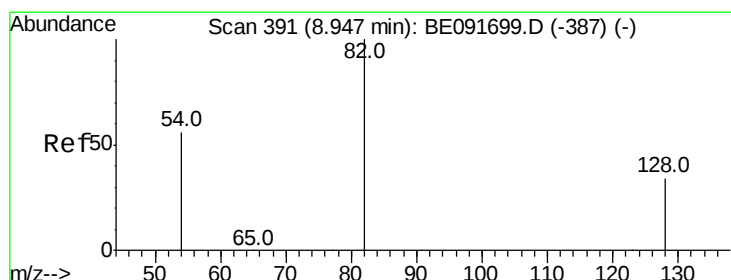
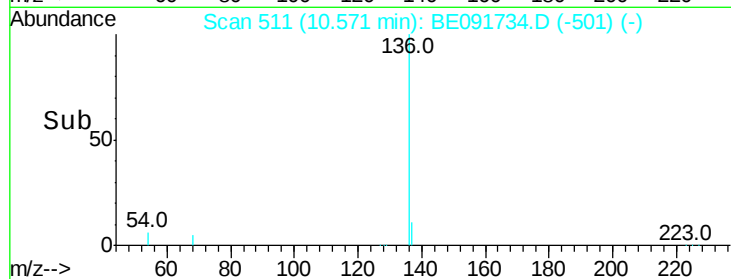
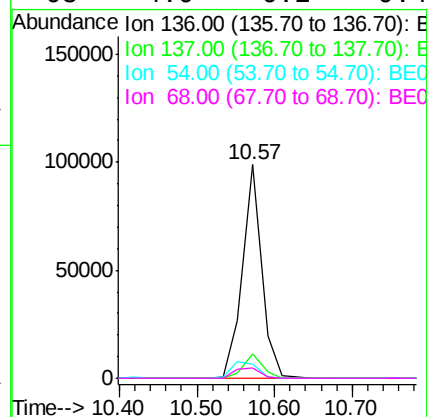
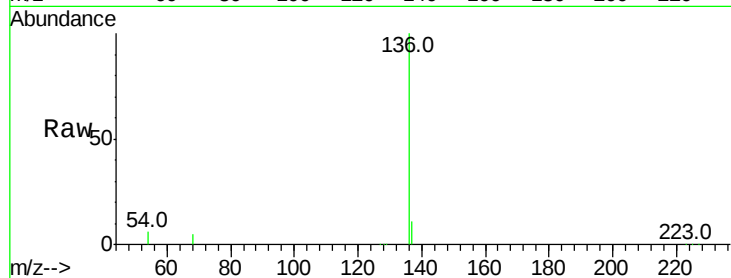
ClientSampleId :

PB90187BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	169587		
137	11.1	8.9	13.3	
54	6.5	8.2	12.4	
68	4.9	6.2	9.4	

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#8

Nitrobenzene-d5

Concen: 3.28 ng

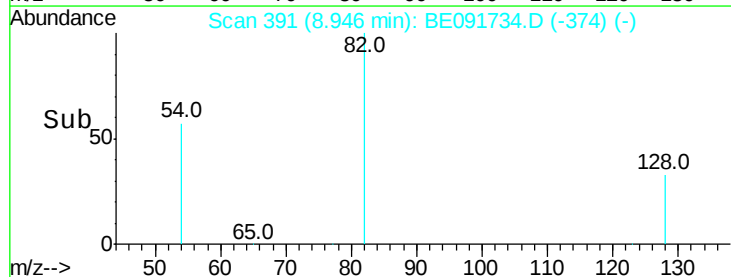
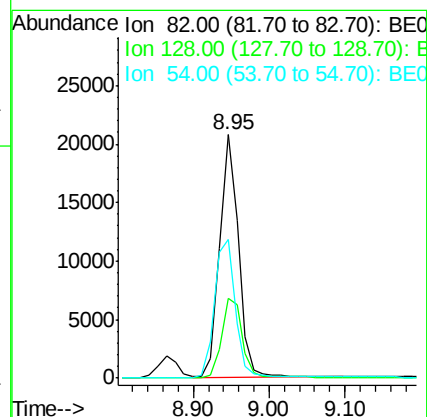
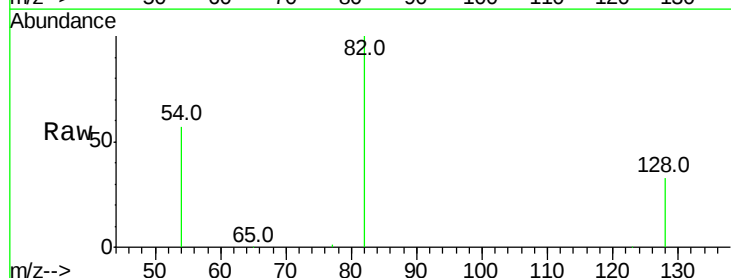
RT: 8.95 min Scan# 391

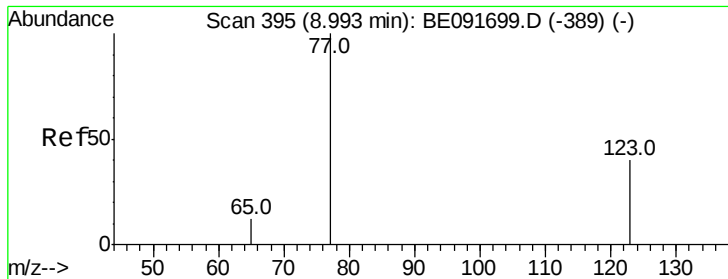
Delta R.T. -0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	35903		
128	32.8	25.4	38.0	
54	56.7	48.4	72.6	





#9

Nitrobenzene

Concen: 3.22 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Instrument :

BNA_E

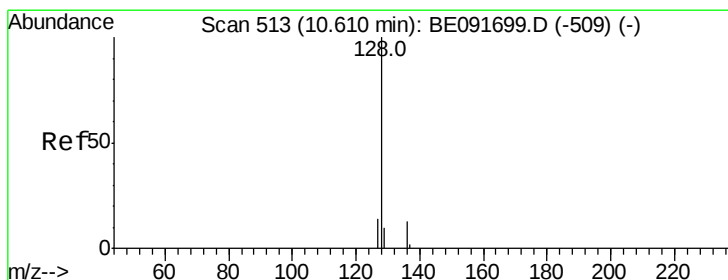
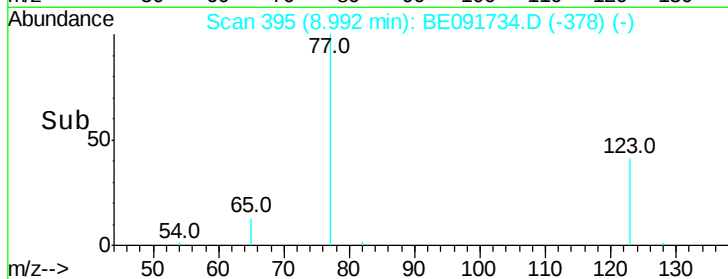
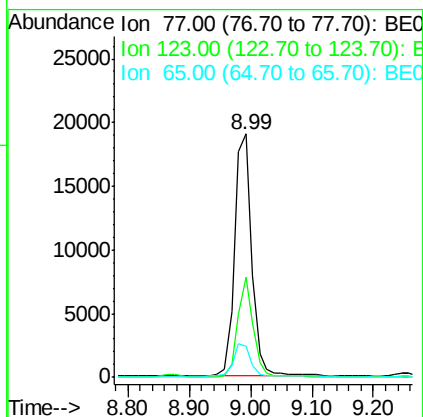
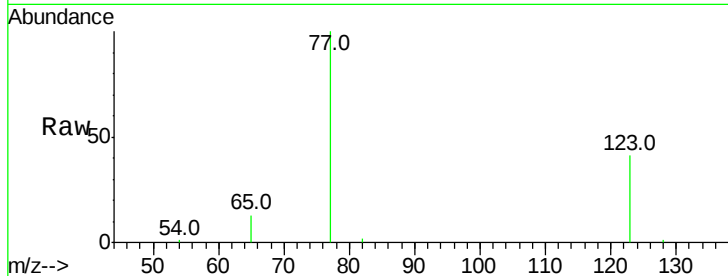
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Tot Ion	77	Resp	36859
Ion	Ratio	Lower	Upper
77	100		
123	37.1	26.9	40.3
65	13.9	9.4	14.2



#10

Naphthalene

Concen: 3.32 ng

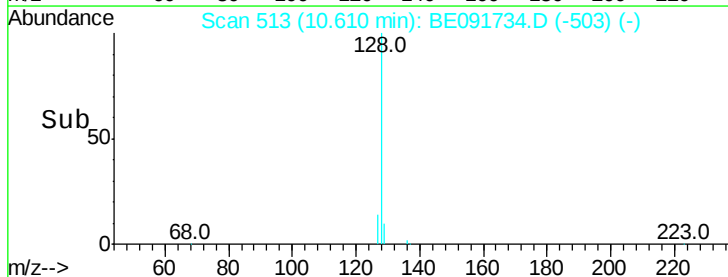
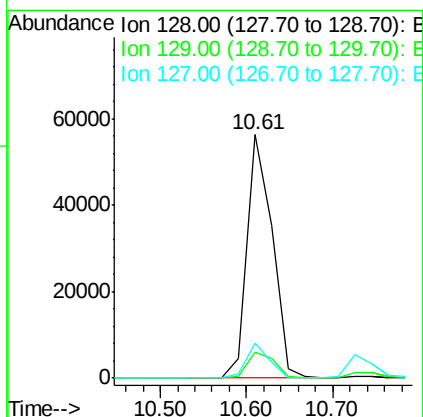
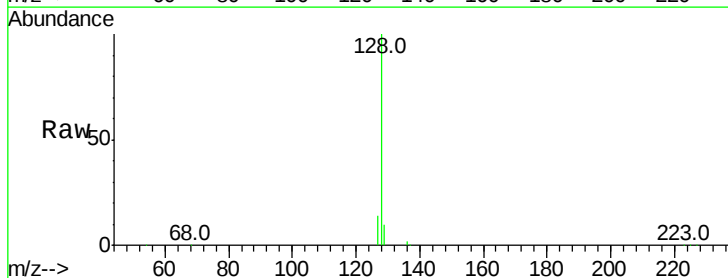
RT: 10.61 min Scan# 513

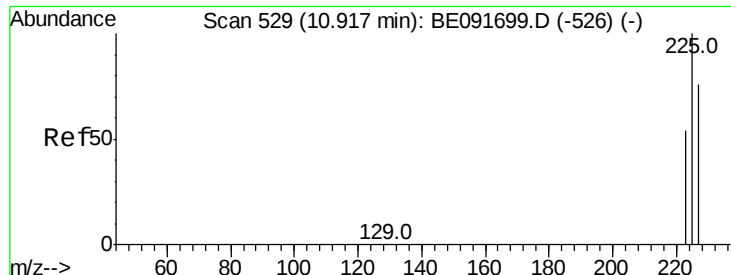
Delta R.T. 0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Tgt Ion	128	Resp	113755
Ion	Ratio	Lower	Upper
128	100		
129	10.5	9.3	13.9
127	14.3	10.7	16.1





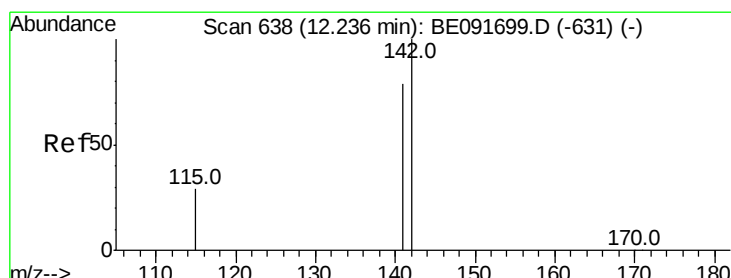
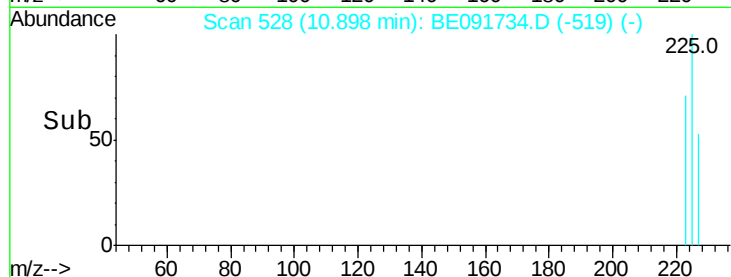
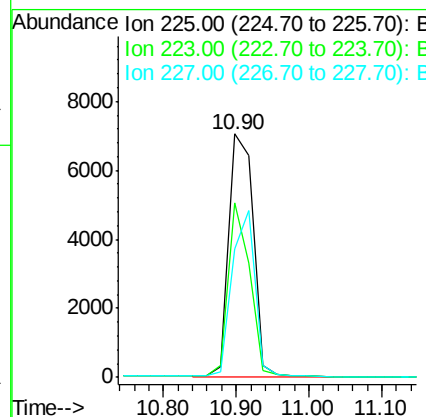
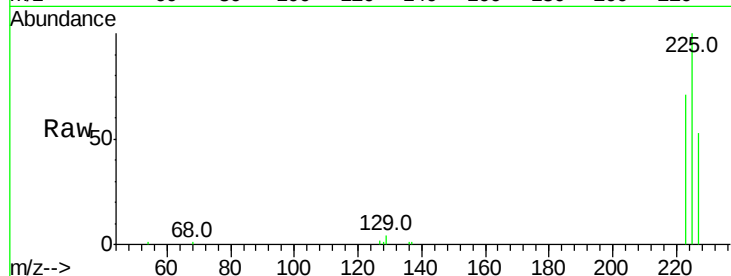
#11
Hexachlorobutadiene
Concen: 3.50 ng
RT: 10.90 min Scan# 528
Delta R.T. -0.02 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

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Tot Ion:	225	Resp:	17697
Ion Ratio	Lower	Upper	
225	100		
223	63.4	49.0	73.6
227	64.5	50.3	75.5

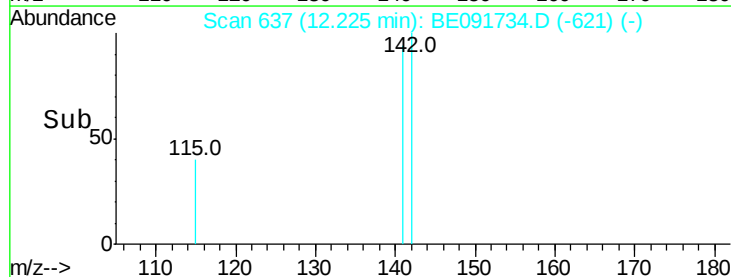
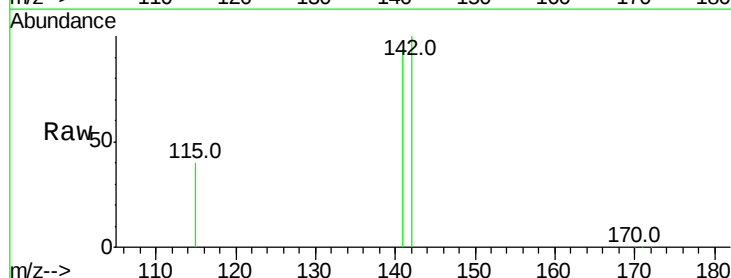
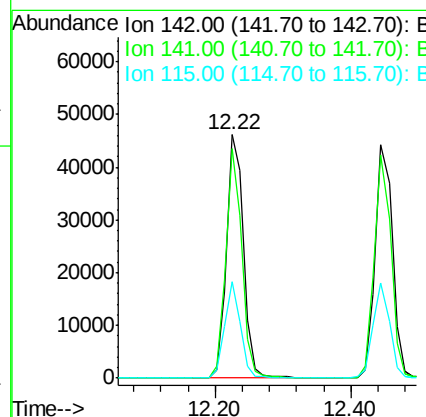
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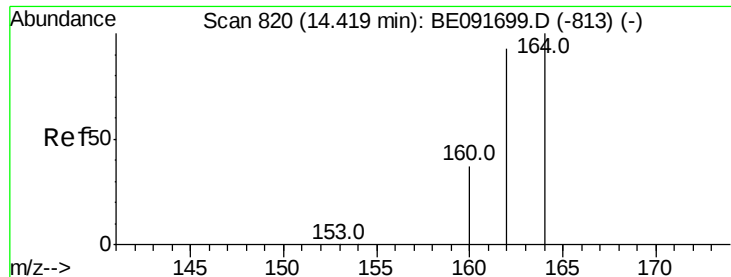
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#12
2-Methylnaphthalene
Concen: 3.70 ng
RT: 12.22 min Scan# 637
Delta R.T. -0.01 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

Tgt Ion:	142	Resp:	81539
Ion Ratio	Lower	Upper	
142	100		
141	94.3	71.4	107.0
115	39.8	30.3	45.5





#13

Acenaphthene-d10

Concen: 5.00 ng

RT: 14.41 min Scan# 819

Delta R.T. -0.01 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Instrument :

BNA_E

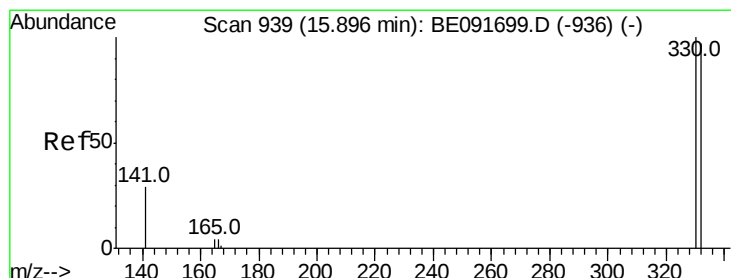
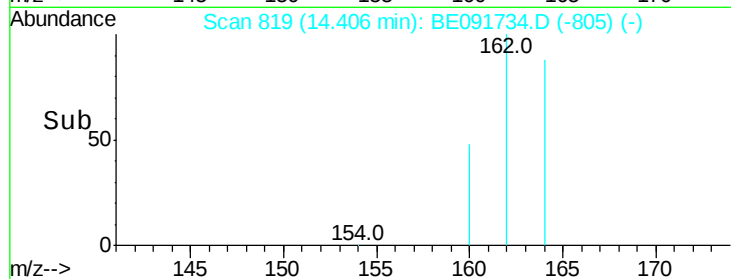
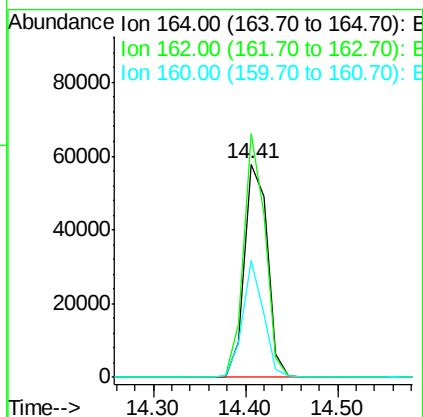
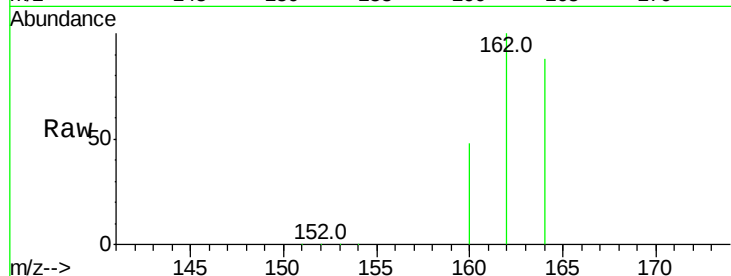
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Tot Ion:	164	Resp:	99945
Ion Ratio	Lower	Upper	
164	100		
162	114.0	85.3	127.9
160	54.9	46.2	69.2



#14

2,4,6-Tribromophenol

Concen: 6.76 ng

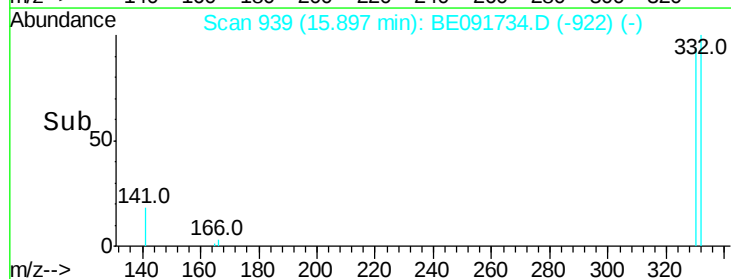
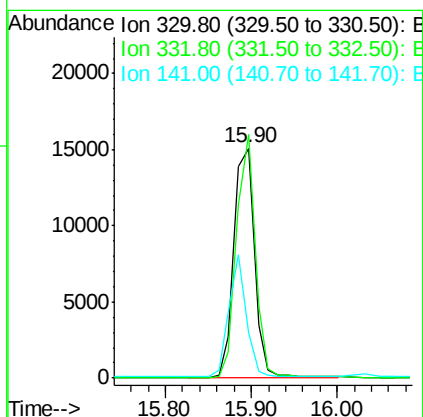
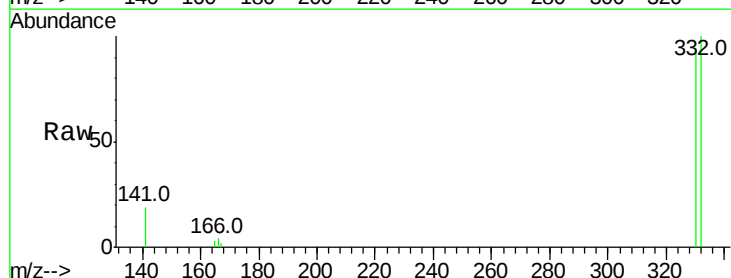
RT: 15.90 min Scan# 939

Delta R.T. 0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Tgt Ion:	330	Resp:	25057
Ion Ratio	Lower	Upper	
330	100		
332	96.5	79.1	118.7
141	45.5	125.4	188.0#





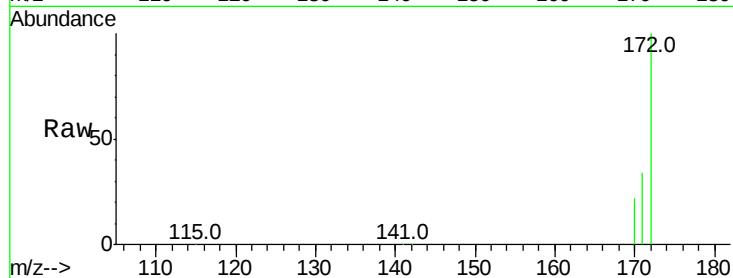
#15
2-Fluorobiphenyl
Concen: 3.77 ng
RT: 13.03 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

Instrument :
BNA_E
ClientSampleId :
PB90187BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.1	28.8	43.2	
170	22.2	19.3	28.9	

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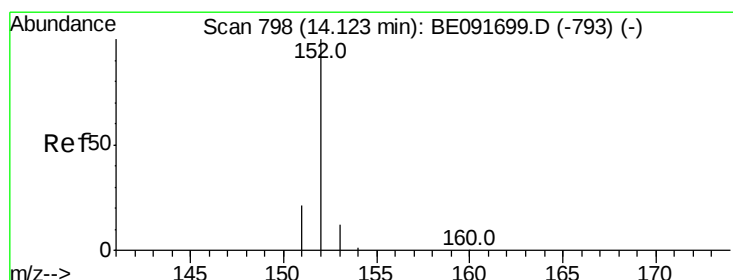
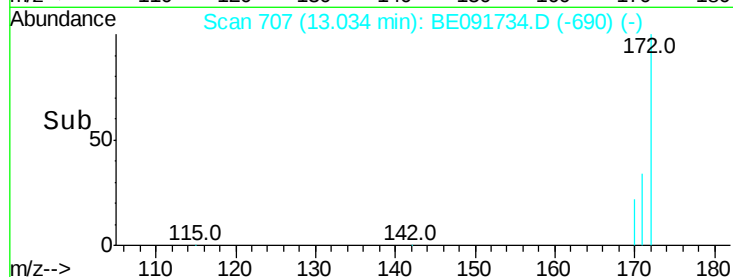
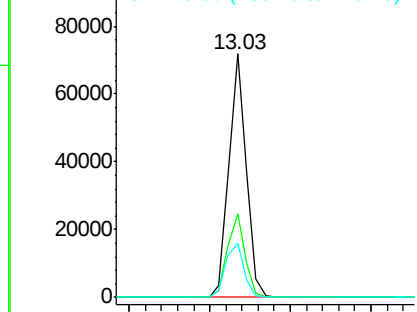


Abundance

Ion 172.00 (171.70 to 172.70): E

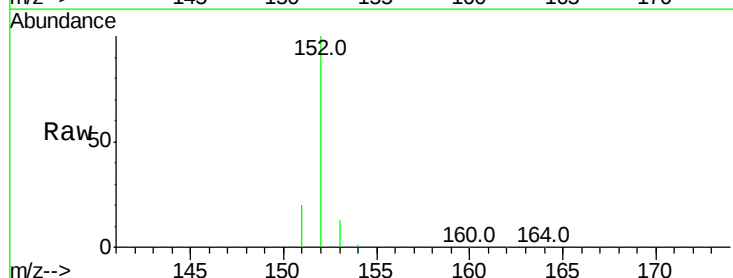
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 3.82 ng
RT: 14.12 min Scan# 798
Delta R.T. 0.00 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
152	100			
151	20.0	3.9	5.9#	
153	13.6	10.3	15.5	

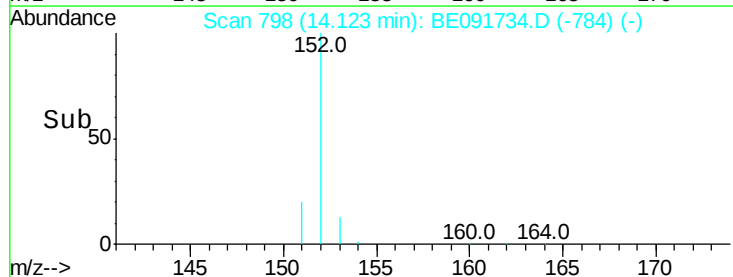
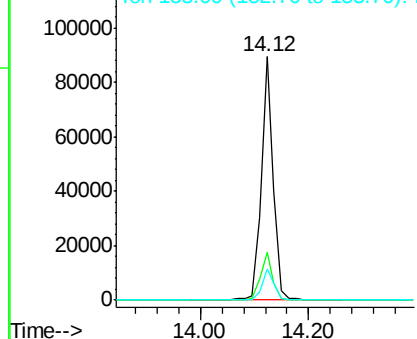


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





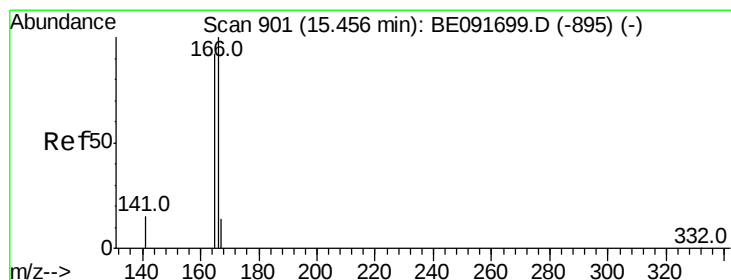
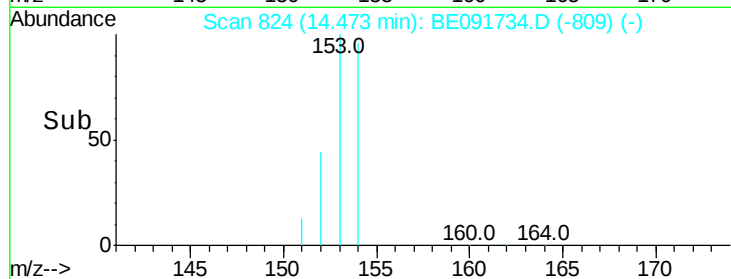
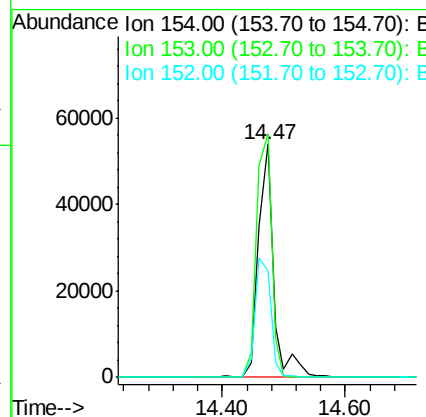
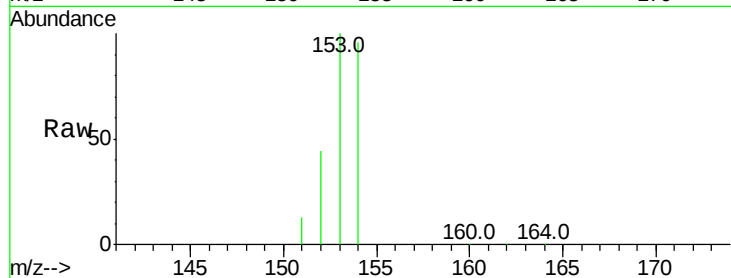
#17
Acenaphthene
Concen: 3.76 ng
RT: 14.47 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

Instrument :
BNA_E
ClientSampleId :
PB90187BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	104.1	80.0	120.0
152	51.9	40.0	60.0

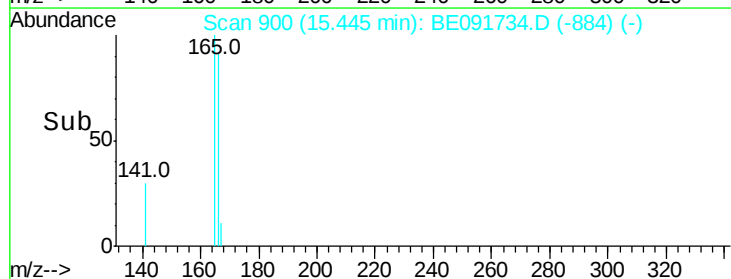
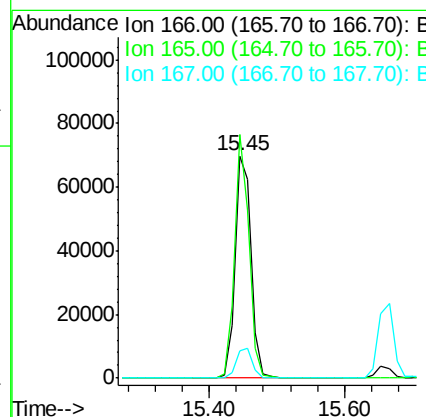
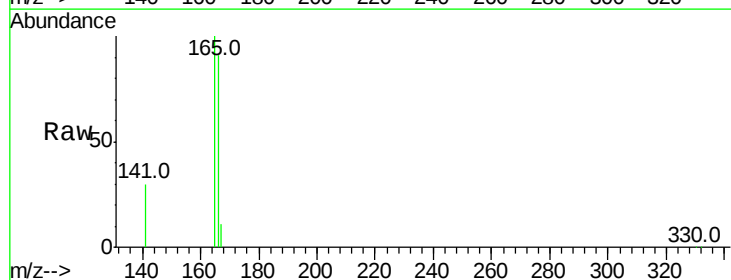
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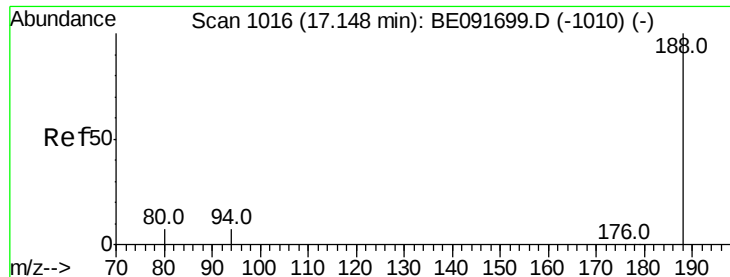
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#18
Fluorene
Concen: 3.71 ng
RT: 15.45 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.6	80.8	121.2
167	13.5	10.9	16.3





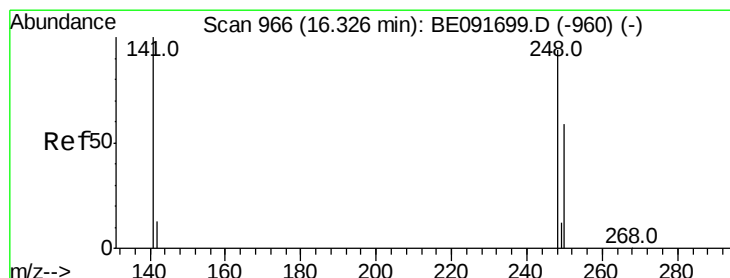
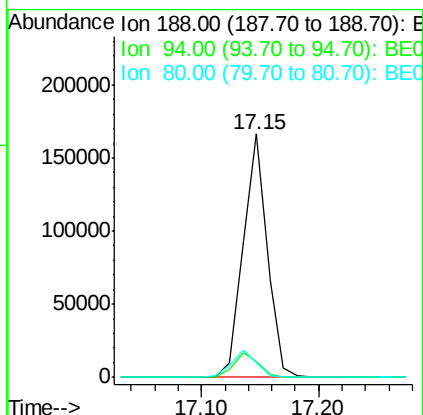
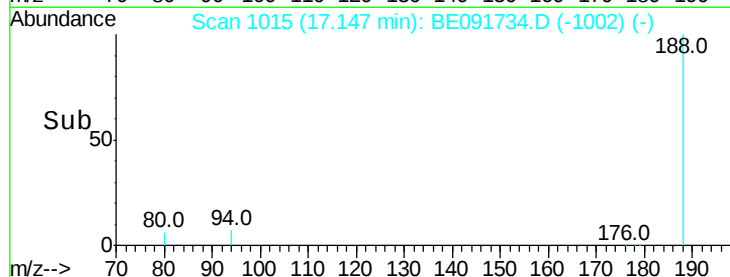
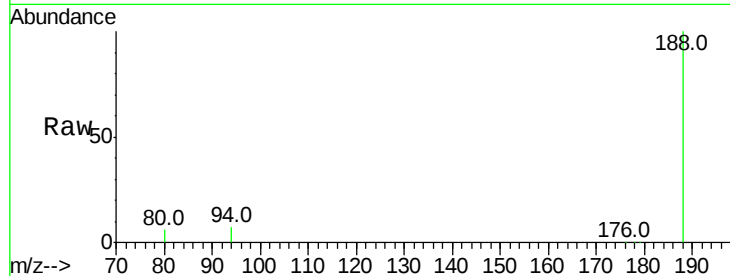
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

Instrument :
BNA_E
ClientSampleId :
PB90187BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	6.0	9.4	14.0#

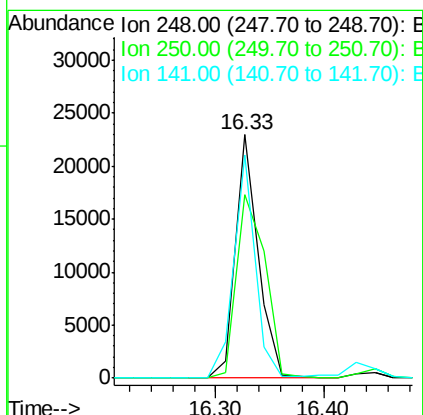
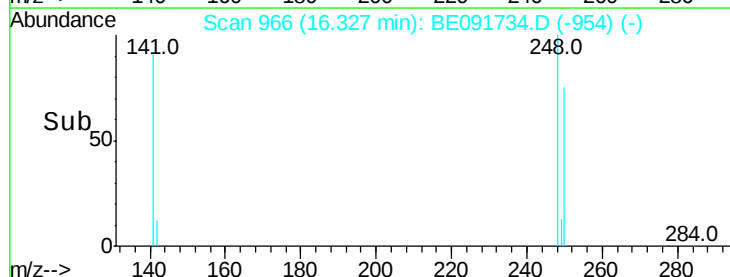
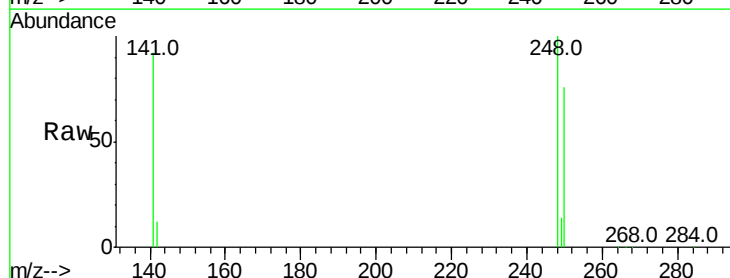
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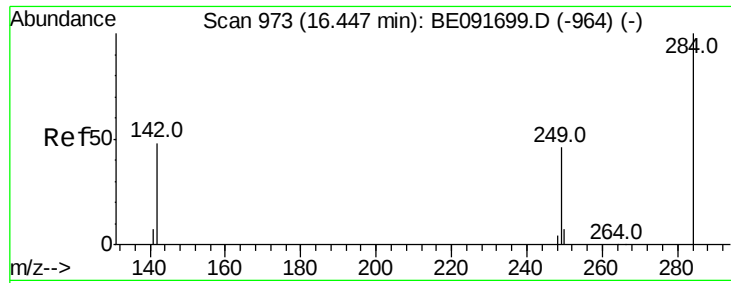
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#20
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 16.33 min Scan# 966
Delta R.T. 0.00 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	95.5	80.5	120.7
141	86.3	72.0	108.0





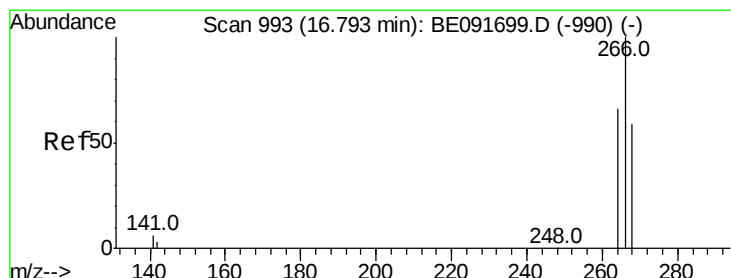
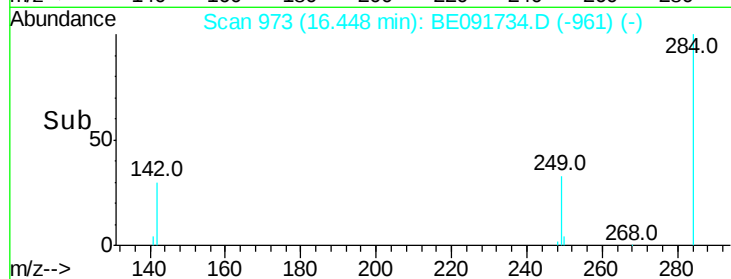
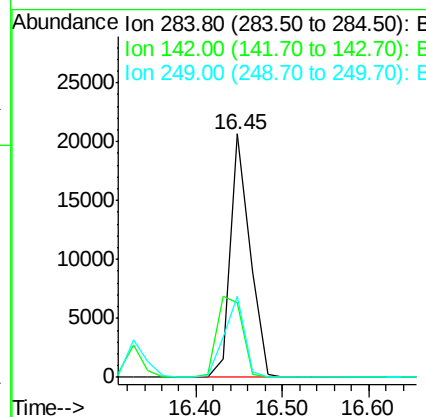
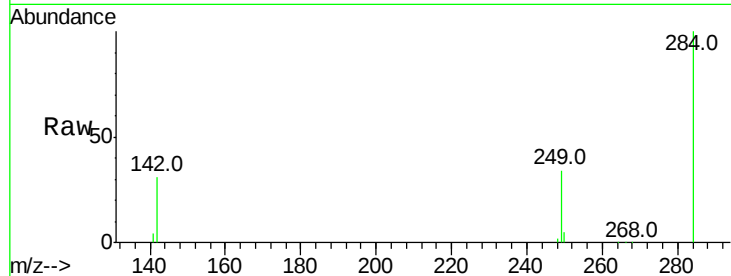
#21
Hexachlorobenzene
Concen: 3.77 ng
RT: 16.45 min Scan# 973
Delta R.T. 0.00 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

Instrument :
BNA_E
ClientSampleId :
PB90187BS

Tot Ion	Ratio	Resp	Lower	Upper
284	100	32443		
142	43.4		32.2	48.2
249	34.2		25.4	38.2

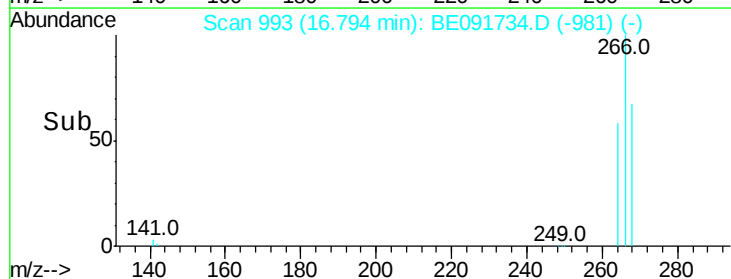
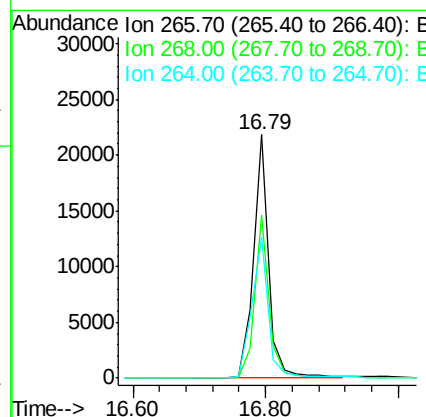
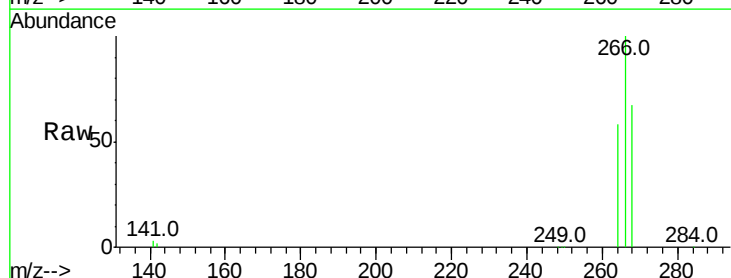
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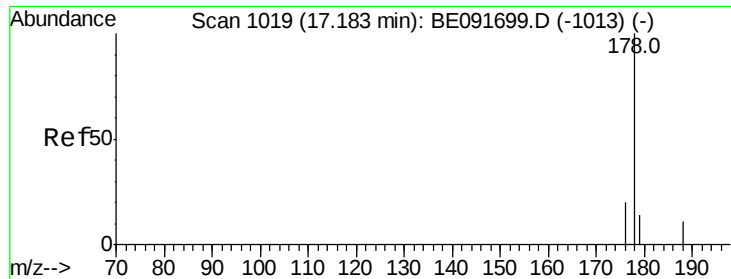
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#22
Pentachlorophenol
Concen: 7.35 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	34142		
268	67.2		58.2	87.2
264	57.8		56.2	84.4





#23

Phenanthrene

Concen: 3.90 ng

RT: 17.18 min Scan# 1018

Delta R.T. -0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Instrument :

BNA_E

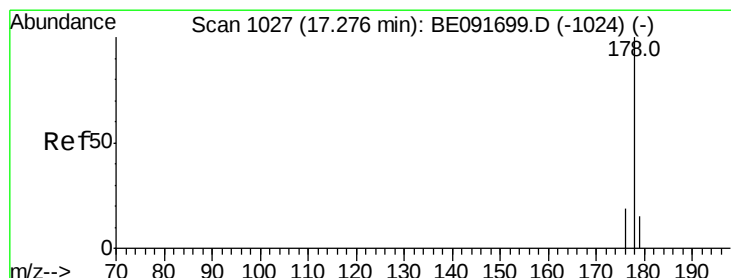
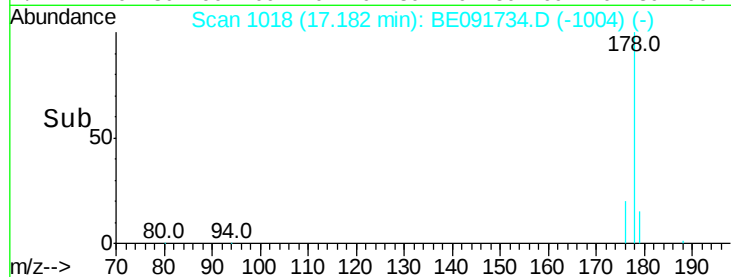
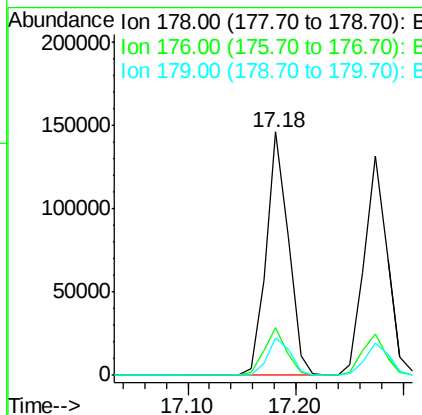
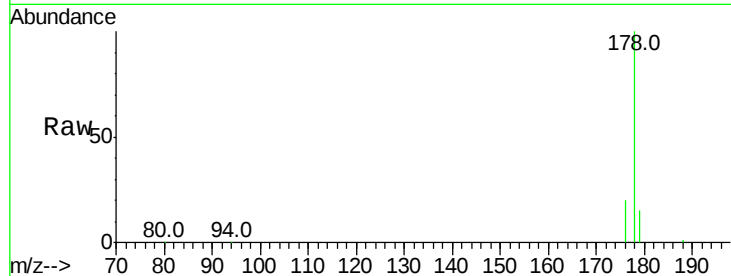
ClientSampleId :

PB90187BS

Tot Ion:	178	Resp:	211746
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.3	22.9
179	15.6	12.6	18.8

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#24

Anthracene

Concen: 4.05 ng

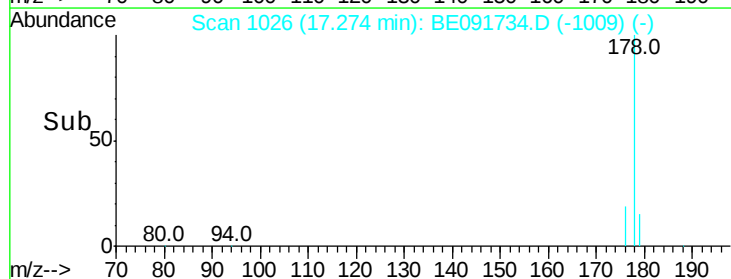
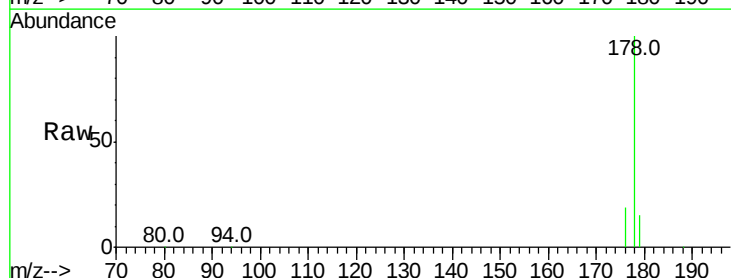
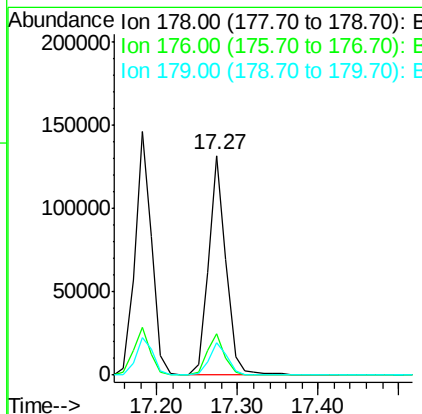
RT: 17.27 min Scan# 1026

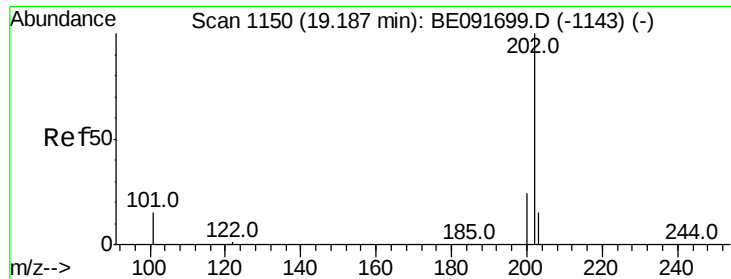
Delta R.T. -0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Tgt Ion:	178	Resp:	198617
Ion Ratio	Lower	Upper	
178	100		
176	18.9	14.6	21.8
179	15.6	11.8	17.6





#25

Fluoranthene

Concen: 4.07 ng

RT: 19.19 min Scan# 1149

Delta R.T. -0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Instrument :

BNA_E

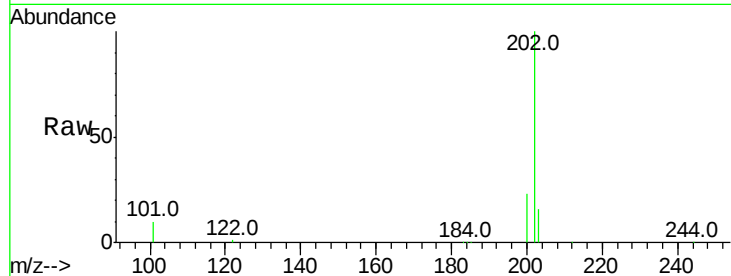
ClientSampleId :

PB90187BS

Tot Ion:	202	Resp:	231311
Ion Ratio	Lower	Upper	
202	100		
101	11.5	11.0	16.6
203	17.4	13.9	20.9

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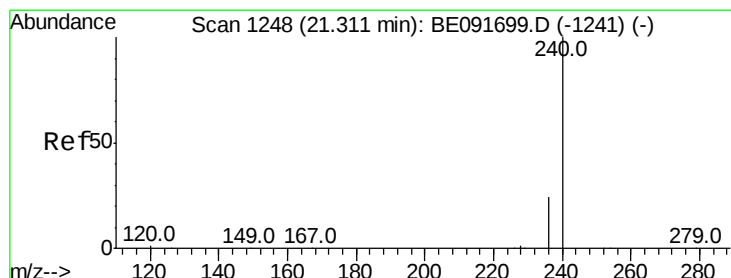
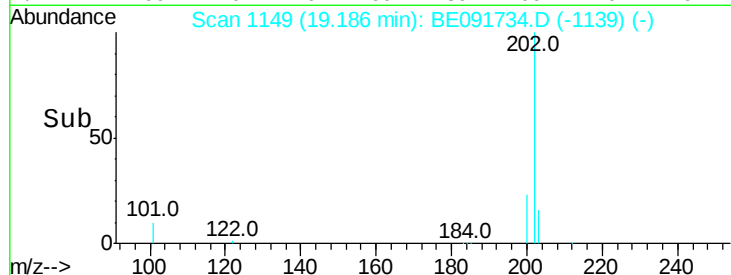
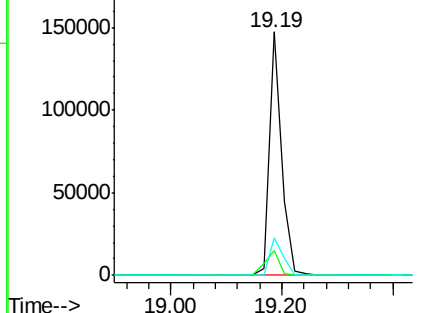
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#26

Chrysene-d12

Concen: 5.00 ng

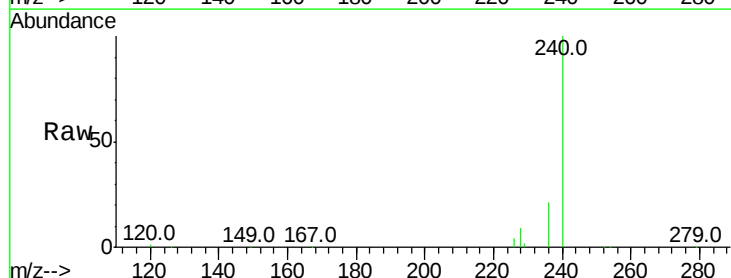
RT: 21.31 min Scan# 1247

Delta R.T. 0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

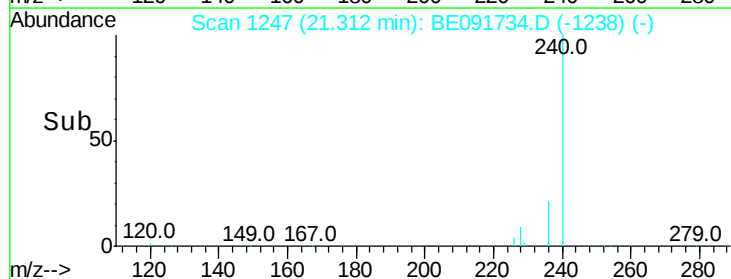
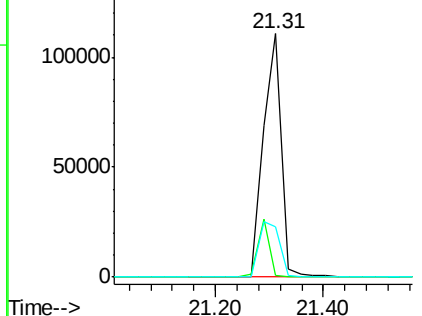
Tgt Ion:	240	Resp:	257467
Ion Ratio	Lower	Upper	
240	100		
120	0.9	11.0	16.4#
236	20.7	21.7	32.5#

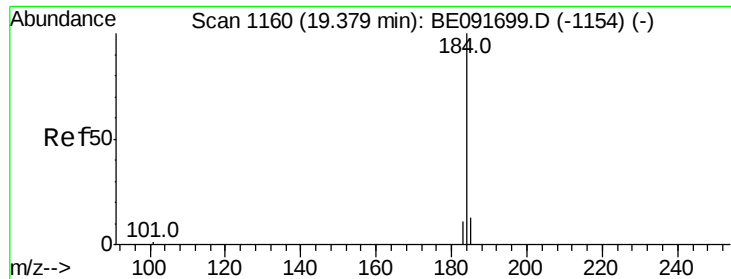


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#27

Benzidine

Concen: 1.85 ng

RT: 19.38 min Scan# 1159

Delta R.T. -0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Instrument :

BNA_E

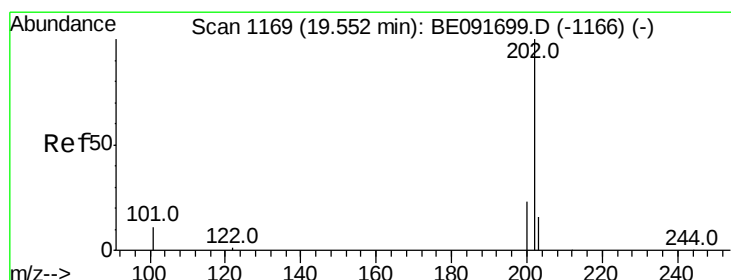
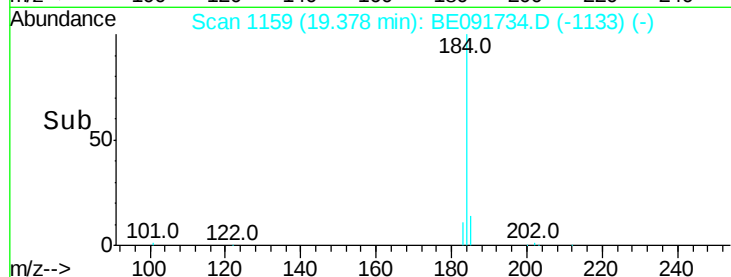
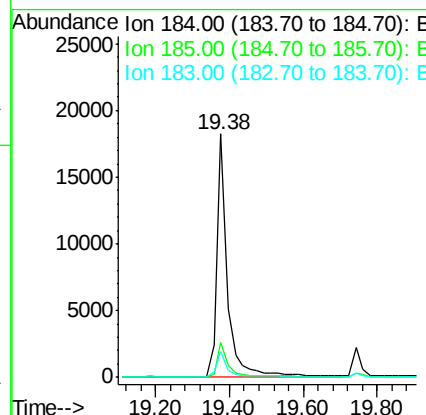
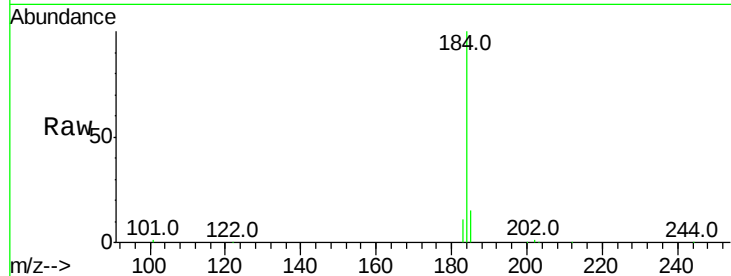
ClientSampled :

PB90187BS

Tot Ion:	184	Resp:	35622
Ion Ratio	Lower	Upper	
184	100		
185	14.5	22.3	33.5#
183	10.9	16.4	24.6#

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#28

Pyrene

Concen: 4.63 ng

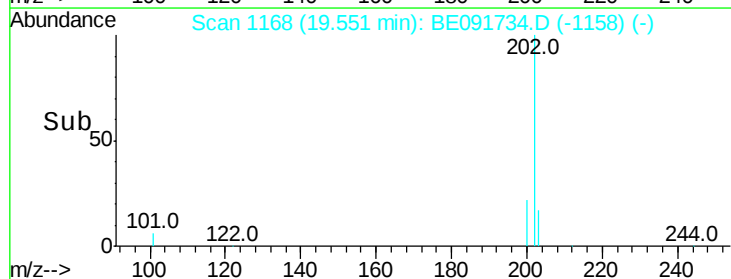
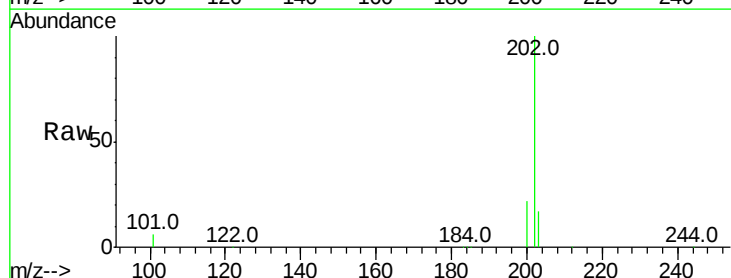
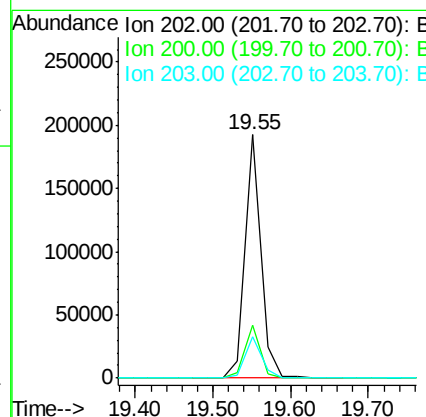
RT: 19.55 min Scan# 1168

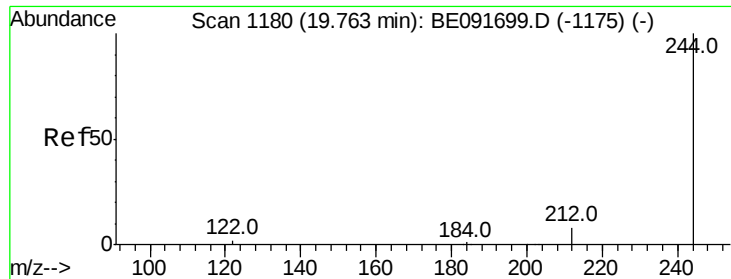
Delta R.T. -0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Tgt Ion:	202	Resp:	269272
Ion Ratio	Lower	Upper	
202	100		
200	21.6	16.8	25.2
203	17.9	14.0	21.0





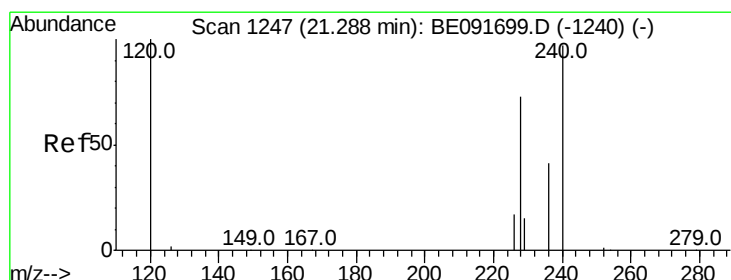
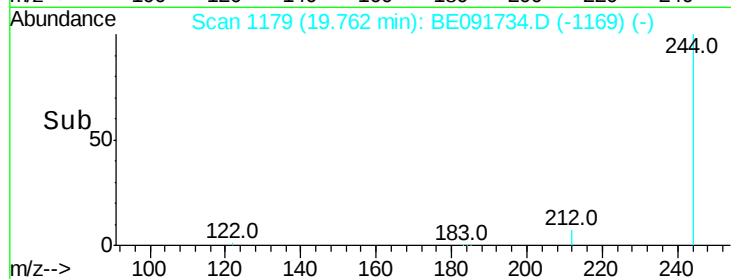
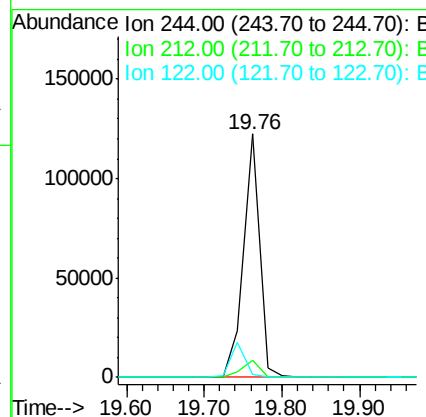
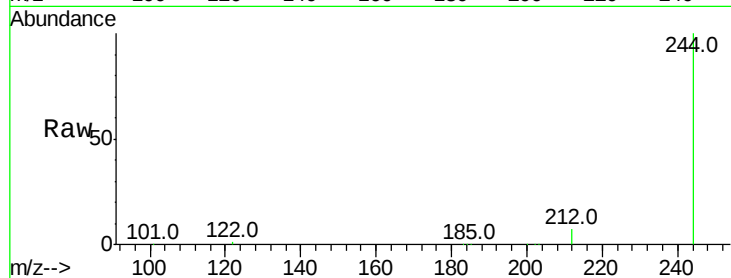
#29
 Terphenyl-d14
 Concen: 4.35 ng
 RT: 19.76 min Scan# 1179
 Delta R.T. -0.00 min
 Lab File: BE091734.D
 Acq: 29 Apr 2016 15:26

Instrument :
 BNA_E
 ClientSampleId :
 PB90187BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	6.9	10.3	
122	1.2	11.0	16.4	

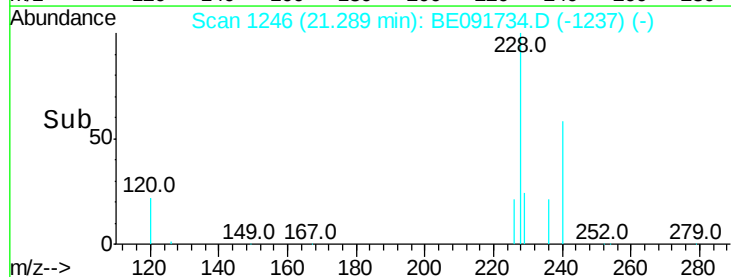
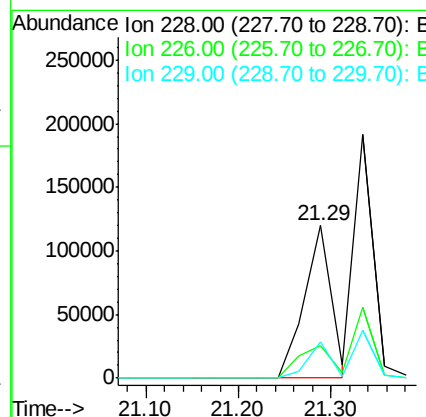
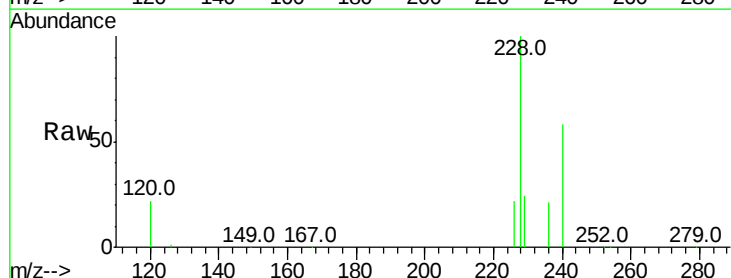
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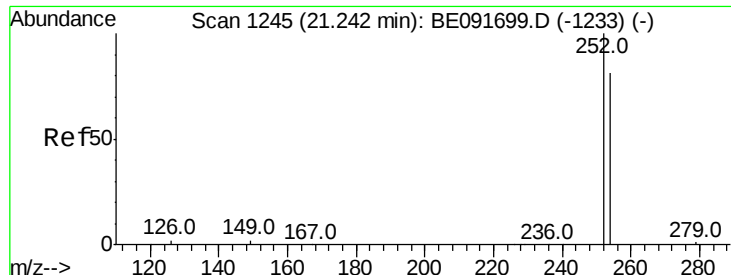
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#30
 Benzo(a)anthracene
 Concen: 3.81 ng
 RT: 21.29 min Scan# 1246
 Delta R.T. 0.00 min
 Lab File: BE091734.D
 Acq: 29 Apr 2016 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	21.5	21.0	31.4	
229	23.7	15.7	23.5	





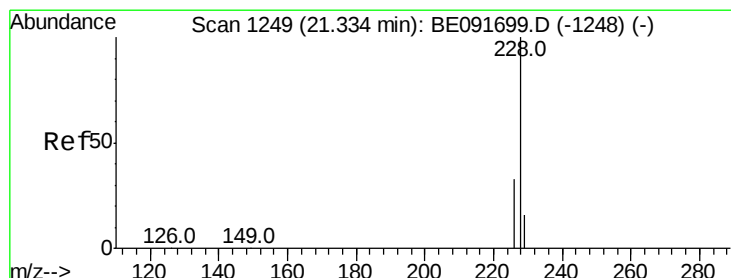
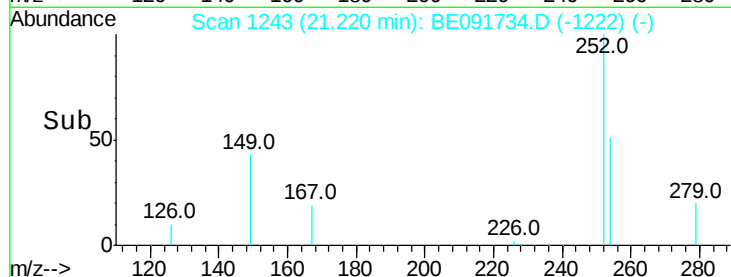
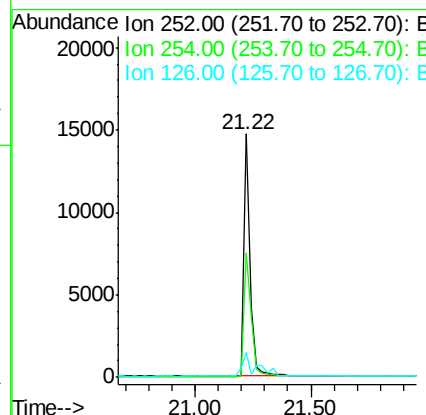
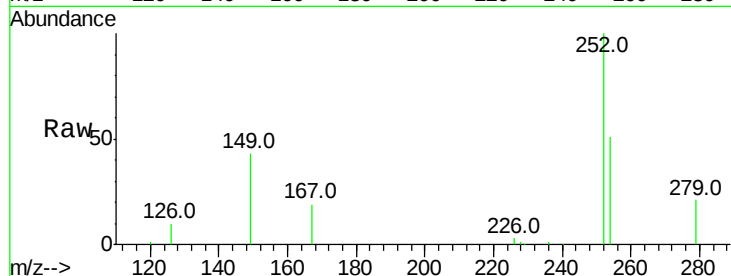
#31
 3,3'-Dichlorobenzidine
 Concen: 0.89 ng
 RT: 21.22 min Scan# 1243
 Delta R.T. -0.02 min
 Lab File: BE091734.D
 Acq: 29 Apr 2016 15:26

Instrument :
 BNA_E
 ClientSampleId :
 PB90187BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	51.4	51.1	76.7
126	10.2	12.6	18.8

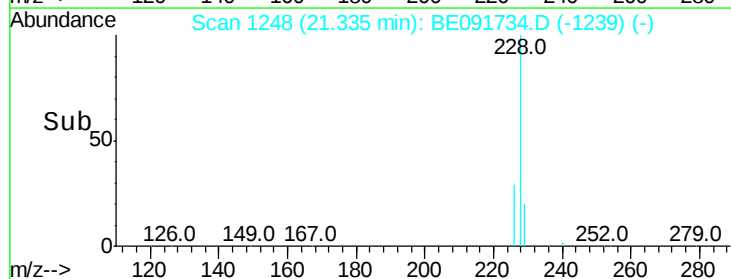
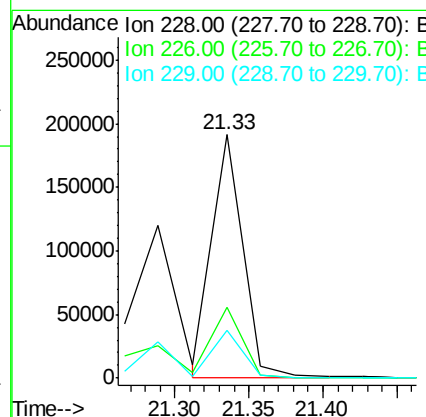
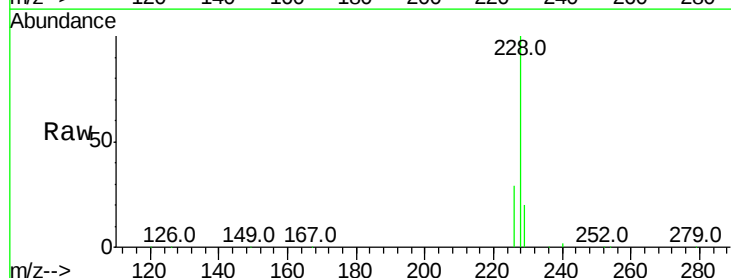
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#32
 Chrysene
 Concen: 4.32 ng m
 RT: 21.33 min Scan# 1248
 Delta R.T. 0.00 min
 Lab File: BE091734.D
 Acq: 29 Apr 2016 15:26

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	19.8	15.9	23.9





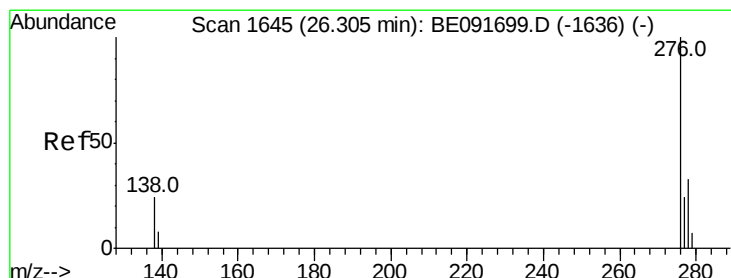
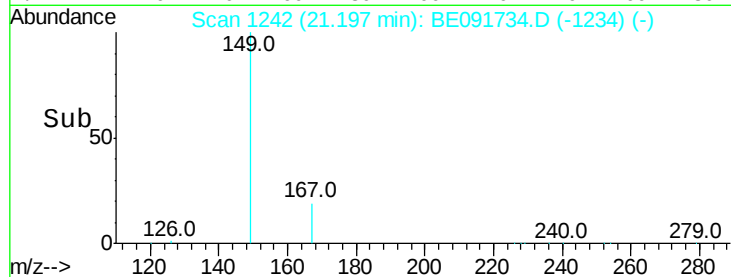
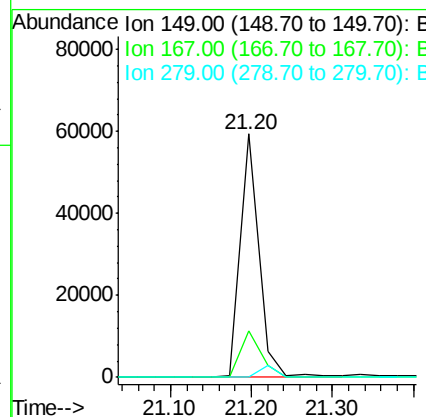
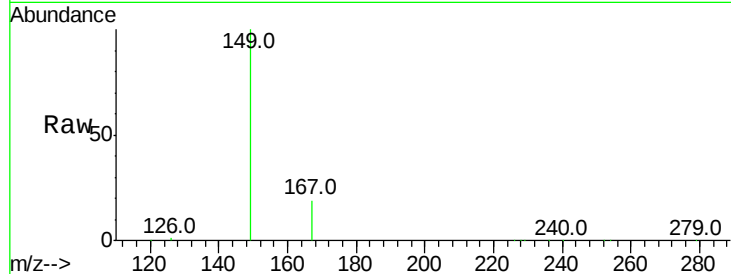
#33
 Bis(2-ethylhexyl)phthalate
 Concen: 4.86 ng
 RT: 21.20 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BE091734.D
 Acq: 29 Apr 2016 15:26

Instrument :
 BNA_E
 ClientSampleId :
 PB90187BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	21.4	19.5	29.3
279	0.0	10.0	15.0

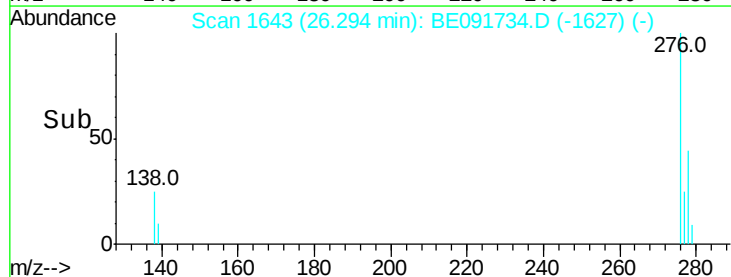
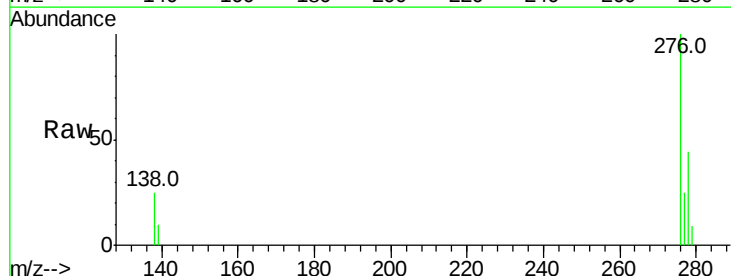
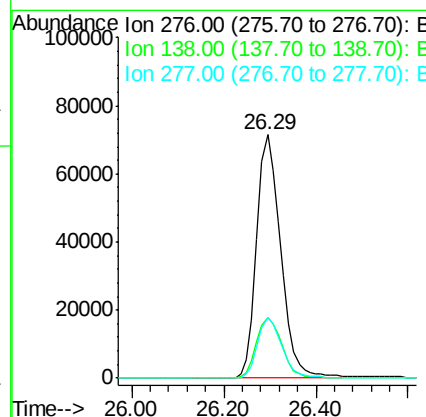
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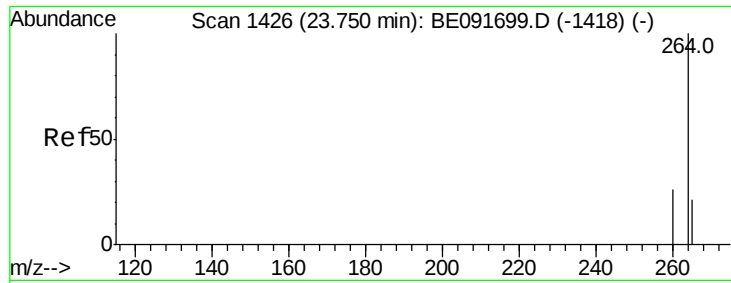
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#34
 Indeno(1,2,3-cd)pyrene
 Concen: 4.46 ng
 RT: 26.29 min Scan# 1643
 Delta R.T. -0.01 min
 Lab File: BE091734.D
 Acq: 29 Apr 2016 15:26

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.3	23.4	35.2
277	25.0	19.8	29.8





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.75 min Scan# 1425

Delta R.T. 0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Instrument :

BNA_E

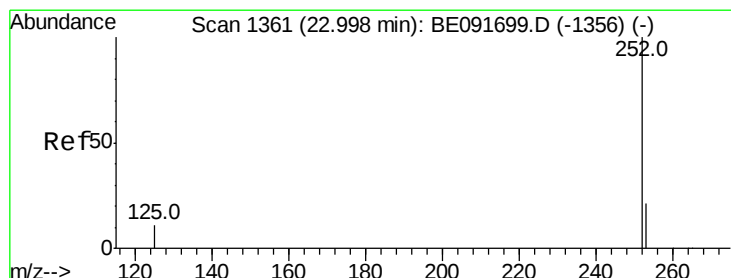
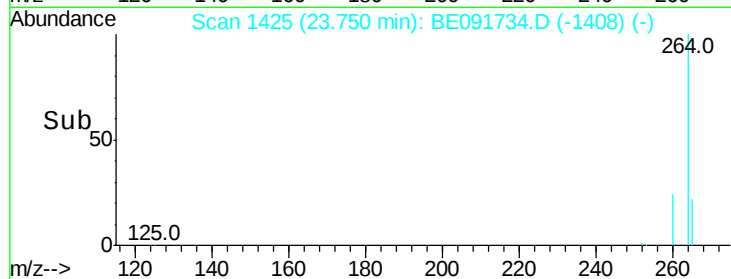
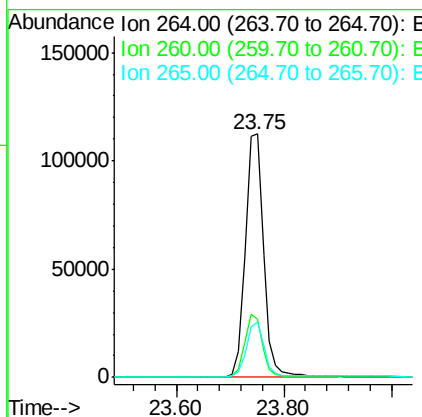
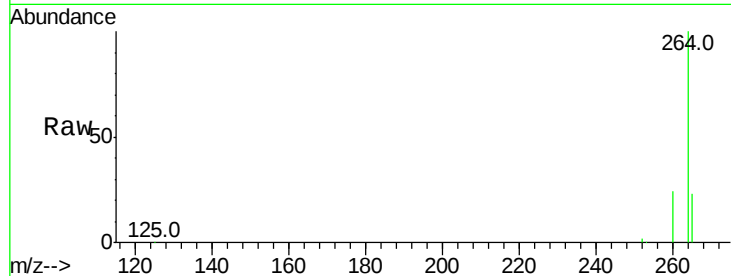
ClientSampleId :

PB90187BS

Tot Ion:	264	Resp:	264481
Ion Ratio	Lower	Upper	
264	100		
260	23.8	20.0	30.0
265	22.7	17.5	26.3

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#36

Benzo(b)fluoranthene

Concen: 3.89 ng

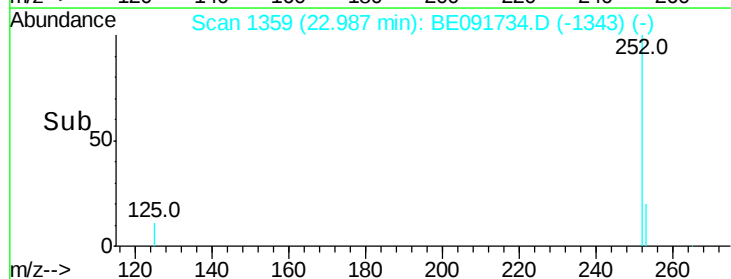
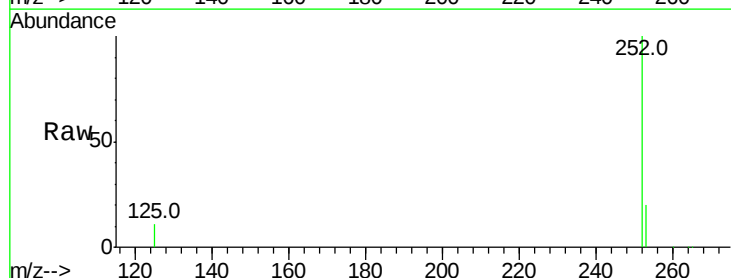
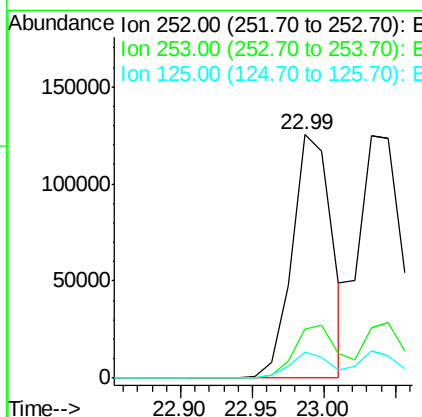
RT: 22.99 min Scan# 1359

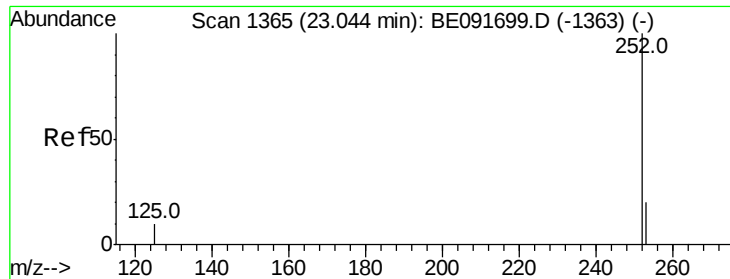
Delta R.T. -0.01 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Tgt Ion:	252	Resp:	240842
Ion Ratio	Lower	Upper	
252	100		
253	20.4	17.4	26.0
125	10.8	10.2	15.2





#37

Benzo(k)fluoranthene

Concen: 4.16 ng

RT: 23.03 min Scan# 1363

Delta R.T. -0.01 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Instrument :

BNA_E

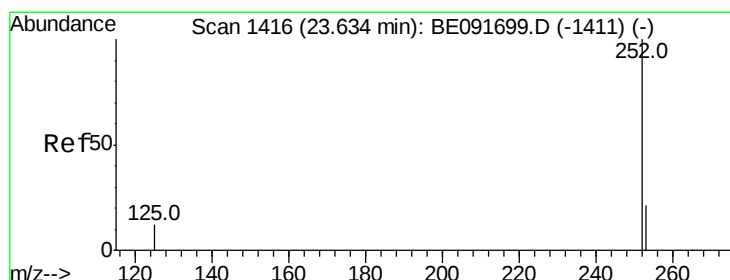
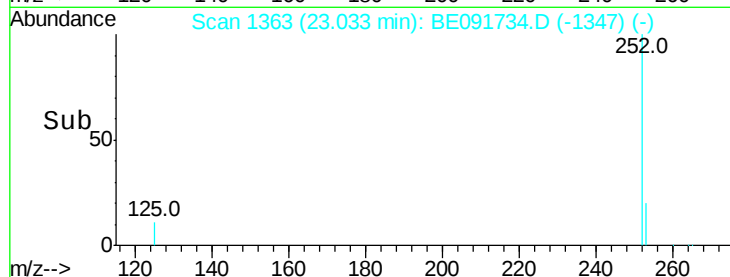
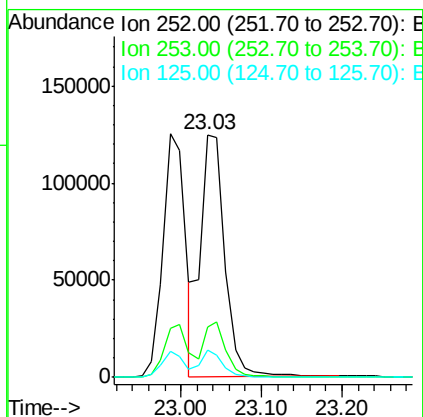
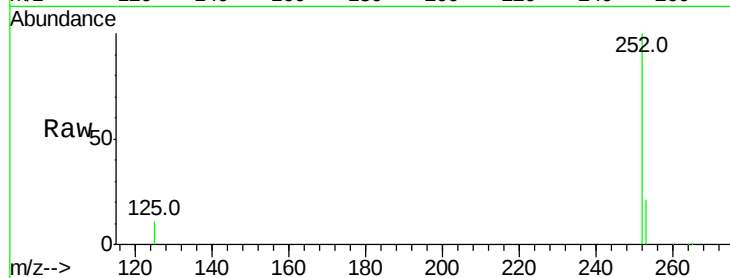
ClientSampleId :

PB90187BS

Tot Ion:	252	Resp:	262031
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.6	26.4
125	11.0	9.9	14.9

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#38

Benzo(a)pyrene

Concen: 3.94 ng

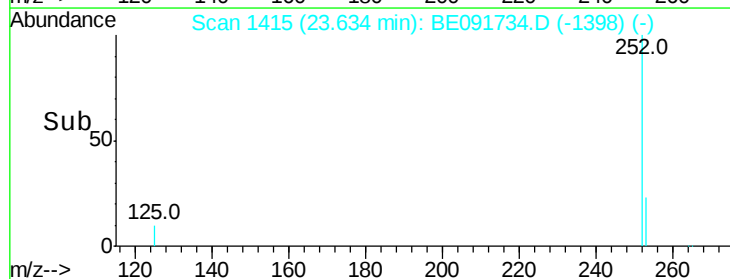
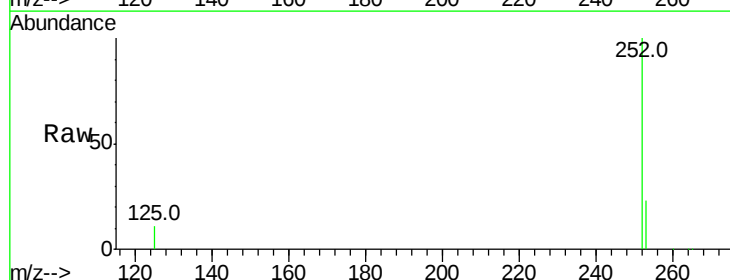
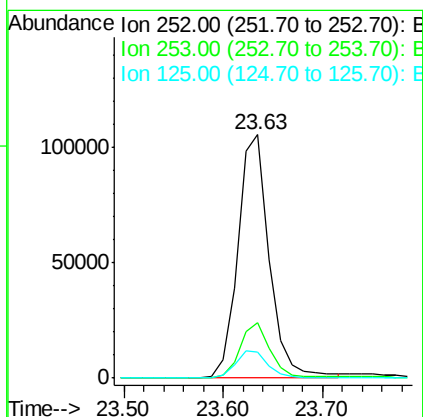
RT: 23.63 min Scan# 1415

Delta R.T. 0.00 min

Lab File: BE091734.D

Acq: 29 Apr 2016 15:26

Tgt Ion:	252	Resp:	230103
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	10.6	11.0	16.4#





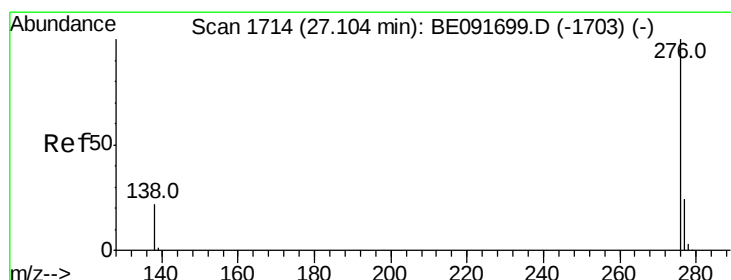
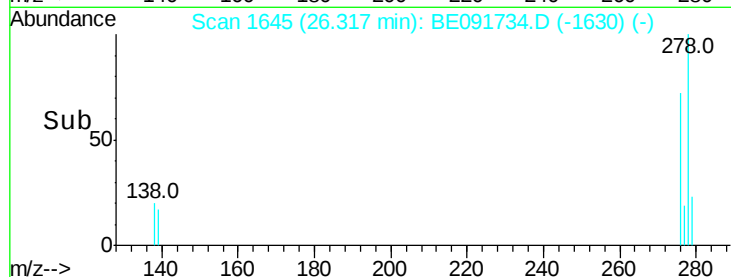
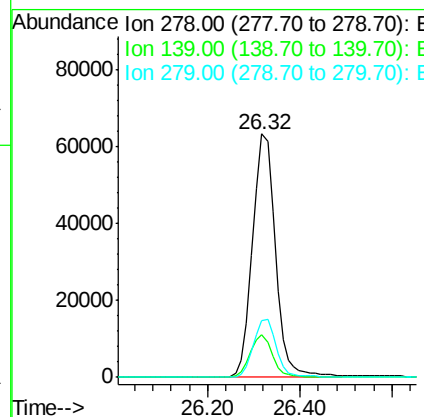
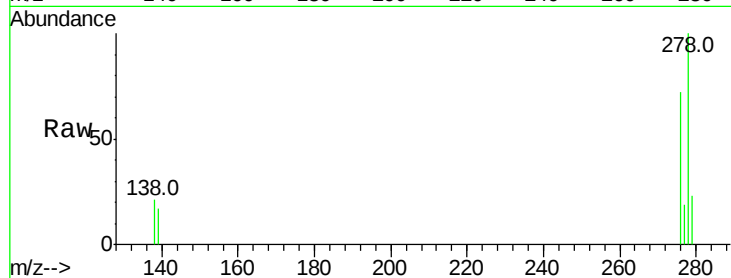
#39
Dibenzo(a,h)anthracene
Concen: 3.96 ng
RT: 26.32 min Scan# 1645
Delta R.T. -0.02 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

Instrument :
BNA_E
ClientSampleId :
PB90187BS

Tot Ion	Ratio	Resp	Lower	Upper
278	100	219056		
139	17.4	16.0	24.0	
279	23.2	19.4	29.2	

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#40
Benzo(g,h,i)perylene
Concen: 3.92 ng
RT: 27.08 min Scan# 1711
Delta R.T. -0.02 min
Lab File: BE091734.D
Acq: 29 Apr 2016 15:26

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	220489		
277	23.8	18.6	28.0	
138	22.7	20.4	30.6	

