

Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
 Data File : BE091724.D
 Acq On : 27 Apr 2016 13:49
 Operator : UM/SJ
 Sample : PB90018BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB90018BS

Manual Integrations
 APPROVED

sohil
 4/28/2016 1:42:14 PM

Quant Time: Apr 28 03:24:08 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	38180	5.00	ng	0.00
7) Naphthalene-d8	10.57	136	174021	5.00	ng	0.00
13) Acenaphthene-d10	14.41	164	101549	5.00	ng	-0.01
19) Phenanthrene-d10	17.15	188	246955	5.00	ng	0.00
26) Chrysene-d12	21.31	240	282857	5.00	ng	0.00
35) Perylene-d12	23.75	264	280744	5.00	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	54074	5.77	ng	0.00
5) Phenol-d6	6.95	99	76663	6.16	ng	0.00
8) Nitrobenzene-d5	8.95	82	35225	3.14	ng	0.00
14) 2,4,6-Tribromophenol	15.90	330	23354	6.21	ng	0.00
15) 2-Fluorobiphenyl	13.04	172	95731	3.33	ng	0.00
29) Terphenyl-d14	19.76	244	154235	3.50	ng	0.00

Target Compounds						Qvalue
2) 1,4-Dioxane	3.33	88	13319	2.96	ng	# 90
3) n-Nitrosodimethylamine	3.63	42	21480	3.10	ng	# 90
6) bis(2-Chloroethyl)ether	7.21	93	34266	3.13	ng	# 76
9) Nitrobenzene	8.99	77	37310	3.18	ng	93
10) Naphthalene	10.61	128	113321	3.22	ng	97
11) Hexachlorobutadiene	10.90	225	17675	3.41	ng	97
12) 2-Methylnaphthalene	12.23	142	79320	3.51	ng	97
16) Acenaphthylene	14.12	152	138354	3.54	ng	# 86
17) Acenaphthene	14.47	154	92196	3.64	ng	98
18) Fluorene	15.46	166	110532	3.51	ng	98
20) 4-Bromophenyl-phenylether	16.33	248	31684	3.57	ng	94
21) Hexachlorobenzene	16.45	284	31117	3.50	ng	96
22) Pentachlorophenol	16.79	266	35834	7.47	ng	89
23) Phenanthrene	17.18	178	205339	3.66	ng	99
24) Anthracene	17.28	178	182295	3.60	ng	99
25) Fluoranthene	19.19	202	235366	4.01	ng	# 96
27) Benzidine	19.38	184	27649	1.36	ng	# 76
28) Pyrene	19.55	202	260788	4.08	ng	99
30) Benzo(a)anthracene	21.29	228	230459	3.34	ng	# 91
31) 3,3'-Dichlorobenzidine	21.22	252	46311	1.31	ng	# 85
32) Chrysene	21.34	228	289192m	4.03	ng	
33) Bis(2-ethylhexyl)phthalate	21.20	149	110106	5.26	ng	# 85
34) Indeno(1,2,3-cd)pyrene	26.29	276	253316	3.96	ng	97
36) Benzo(b)fluoranthene	23.00	252	266332	4.05	ng	# 95
37) Benzo(k)fluoranthene	23.04	252	226726	3.39	ng	# 96
38) Benzo(a)pyrene	23.63	252	222598	3.59	ng	# 97
39) Dibenzo(a,h)anthracene	26.32	278	213474	3.64	ng	97
40) Benzo(g,h,i)perylene	27.09	276	214057	3.59	ng	95

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

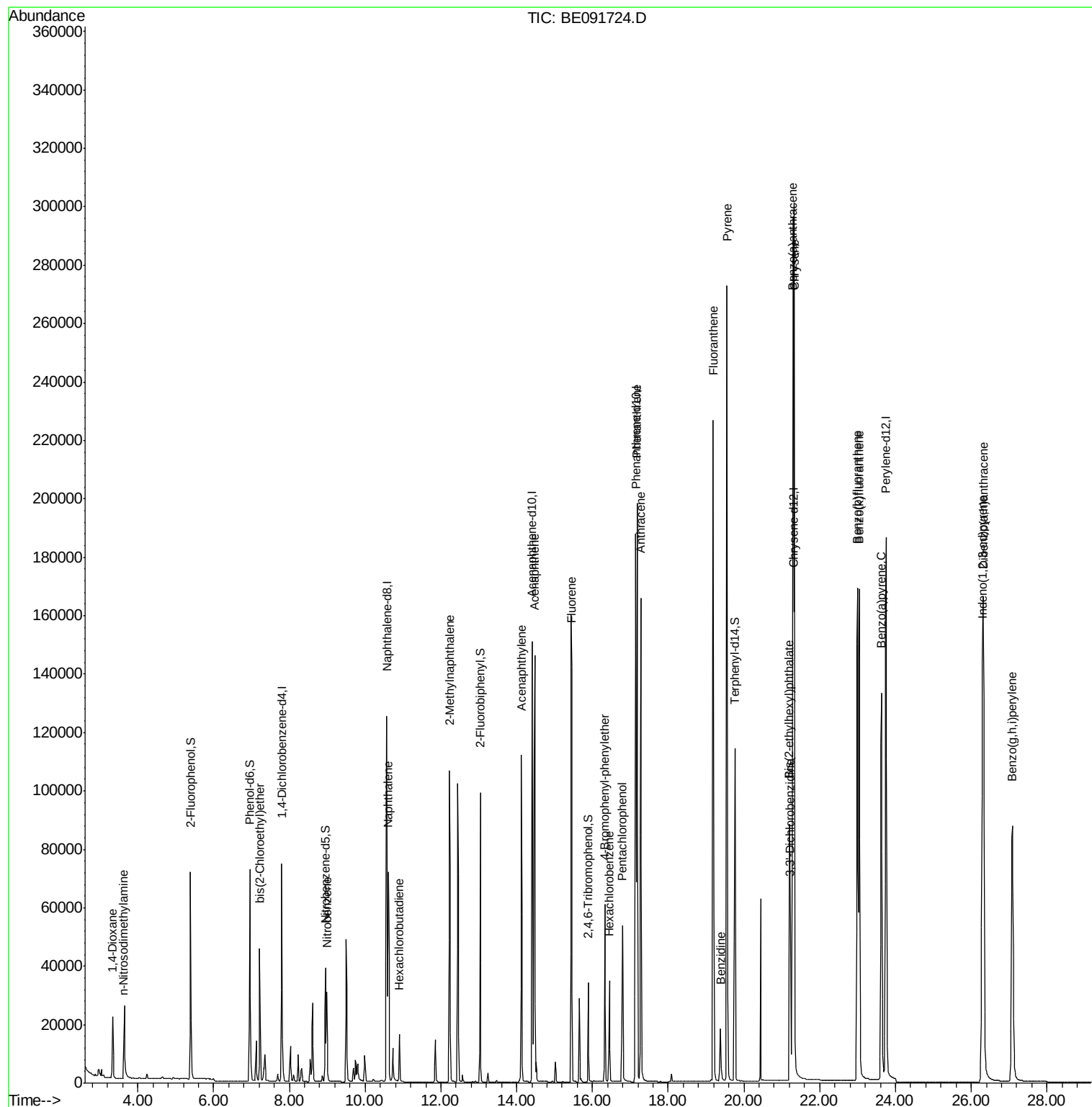
Data Path : Z:\HPCHEM1\BNA E\DATA\BE042716\
Data File : BE091724.D
Acq On : 27 Apr 2016 13:49
Operator : UM/SJ
Sample : PB90018BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

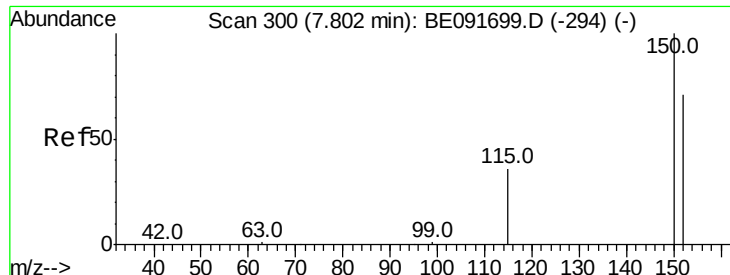
Instrument :
BNA_E
ClientSampleID :
PB90018BS

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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: BE091724.D

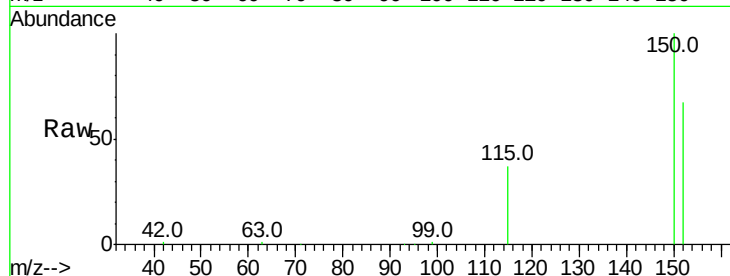
Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

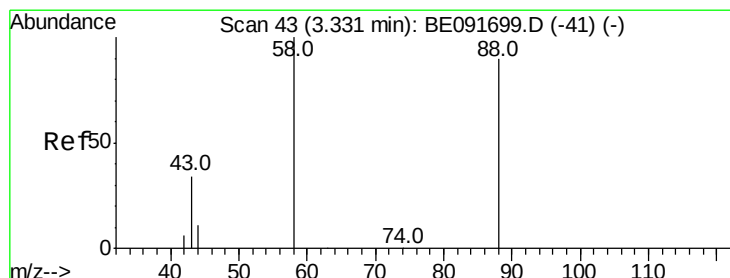
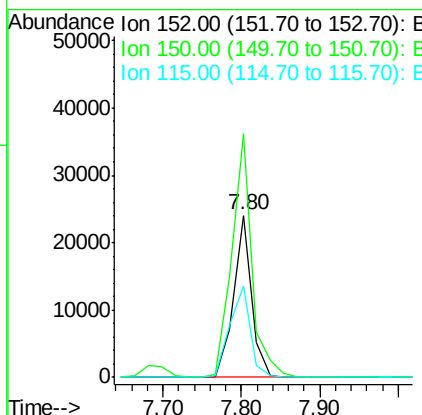
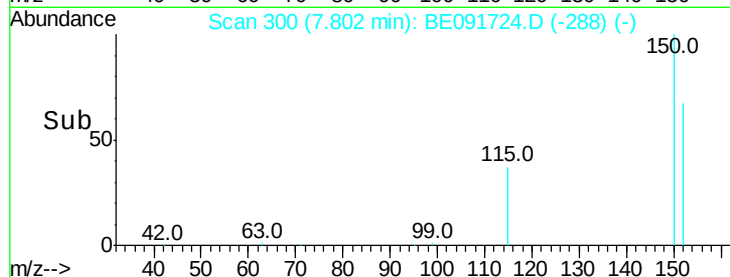
PB90018BS



Tot Ion:	152	Resp:	38180
Ion	Ratio	Lower	Upper
152	100		
150	150.1	122.6	183.8
115	56.2	52.8	79.2

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#2

1,4-Dioxane

Concen: 2.96 ng

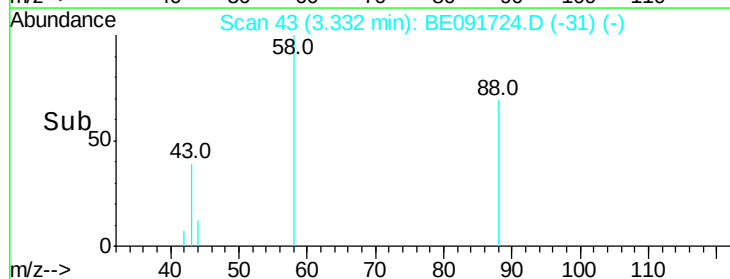
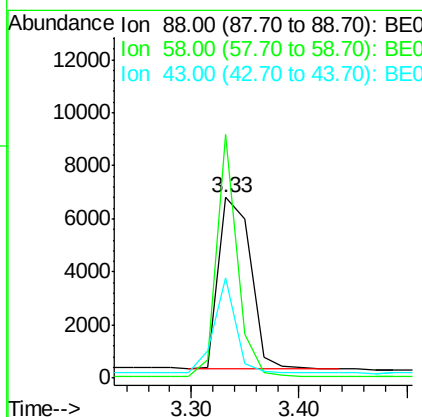
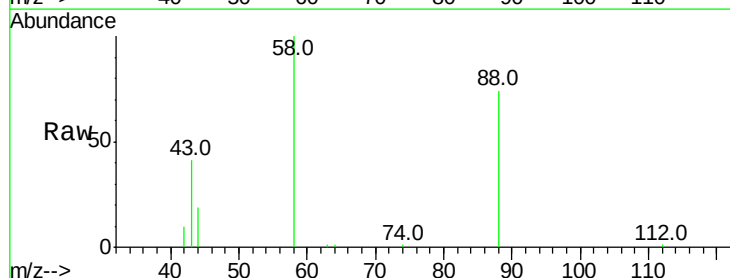
RT: 3.33 min Scan# 43

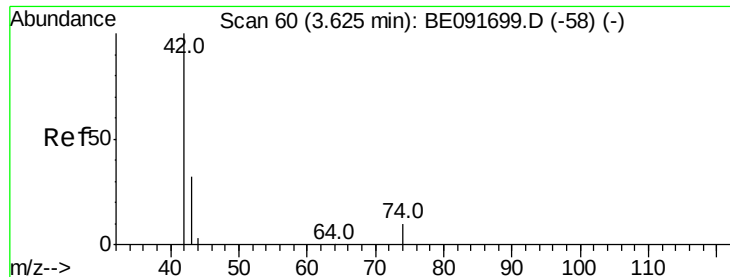
Delta R.T. 0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Tgt Ion:	88	Resp:	13319
Ion	Ratio	Lower	Upper
88	100		
58	90.6	65.8	98.6
43	38.1	25.3	37.9#





#3

n-Nitrosodimethylamine

Concen: 3.10 ng

RT: 3.63 min Scan# 60

Delta R.T. 0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

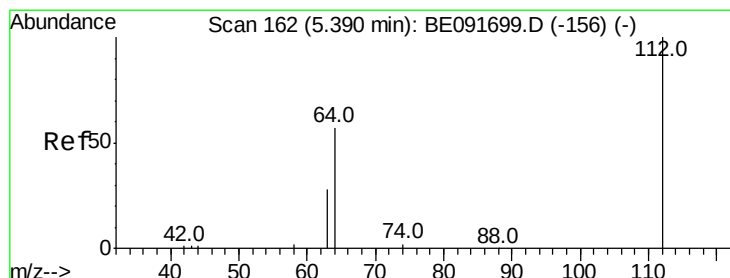
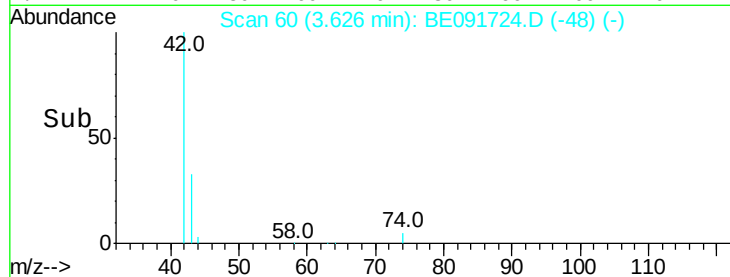
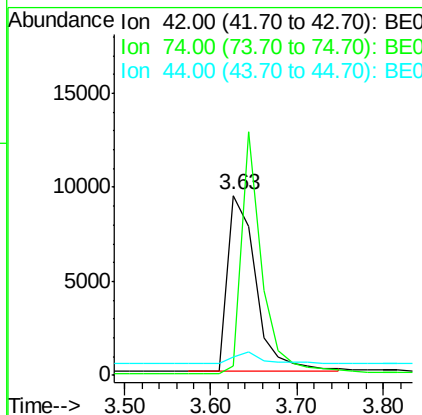
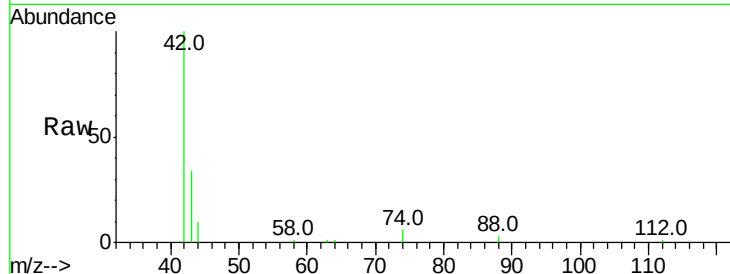
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Tot Ion:	42	Resp:	21480
Ion	Ratio	Lower	Upper
42	100		
74	98.9	87.9	131.9
44	5.9	6.6	9.8#



#4

2-Fluorophenol

Concen: 5.77 ng

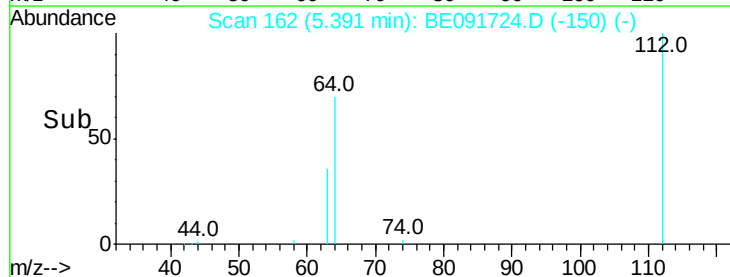
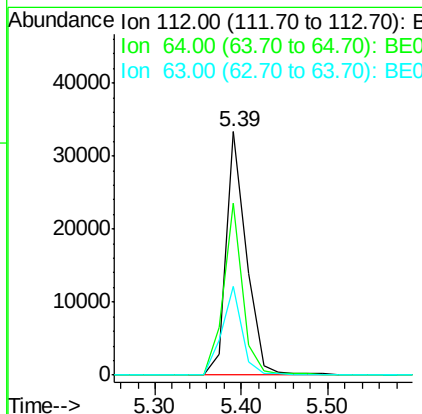
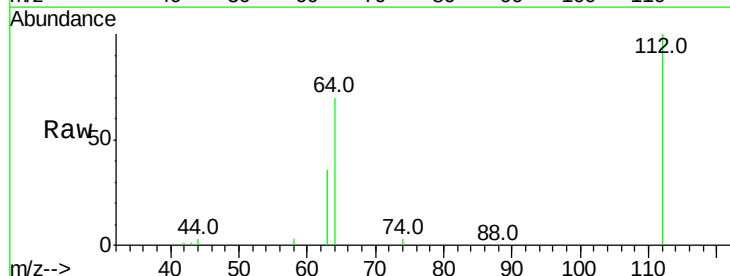
RT: 5.39 min Scan# 162

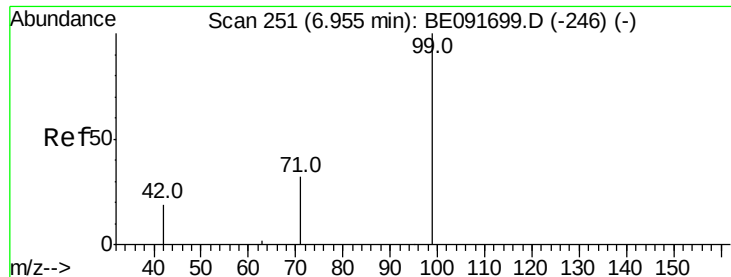
Delta R.T. 0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Tgt Ion:	112	Resp:	54074
Ion	Ratio	Lower	Upper
112	100		
64	67.2	30.9	46.3#
63	36.5	16.7	25.1#





#5

Phenol-d6

Concen: 6.16 ng

RT: 6.95 min Scan# 251

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

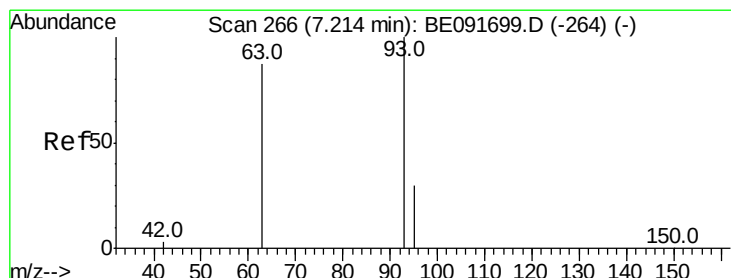
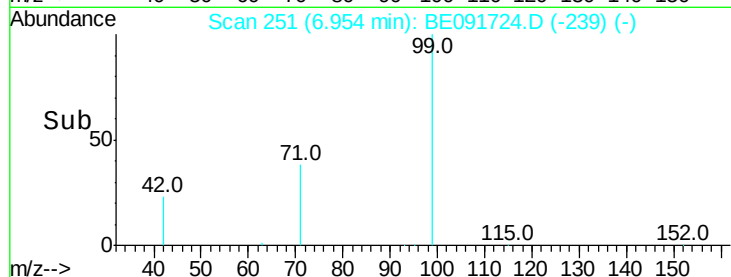
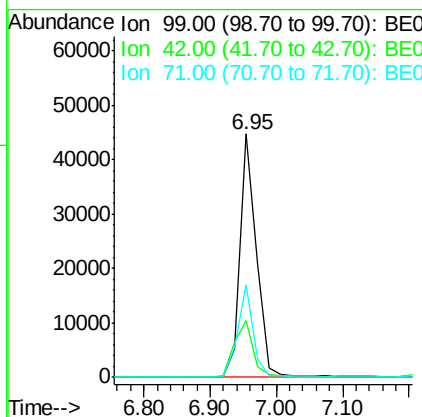
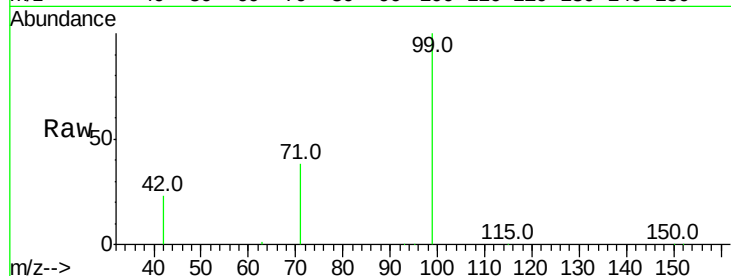
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
99	100		
42	25.9	16.2	24.2#
71	36.0	29.0	43.4

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#6

bis(2-Chloroethyl)ether

Concen: 3.13 ng

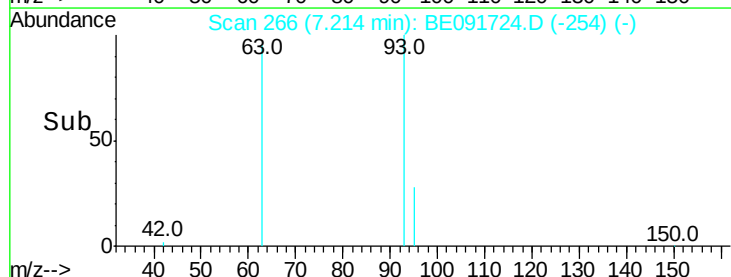
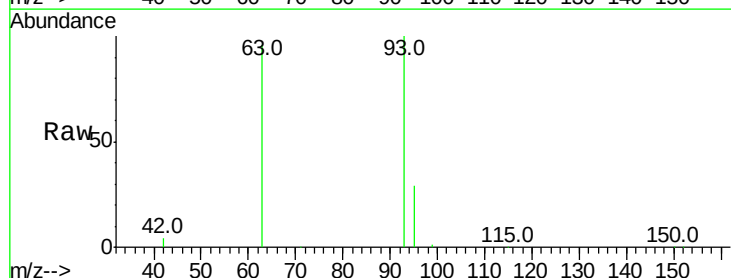
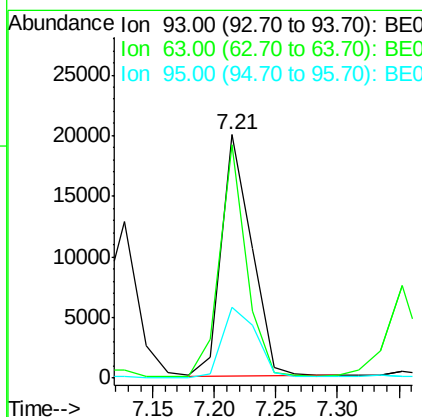
RT: 7.21 min Scan# 266

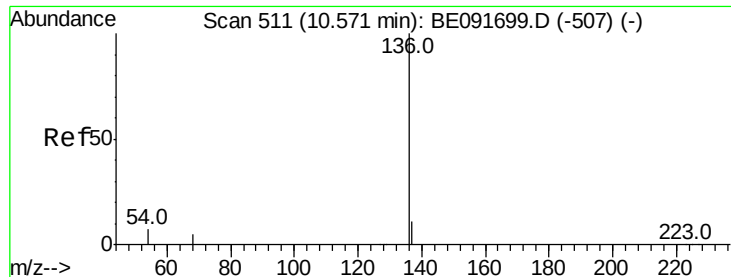
Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Tgt Ion	Ratio	Lower	Upper
93	100		
63	85.5	49.5	74.3#
95	32.8	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: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

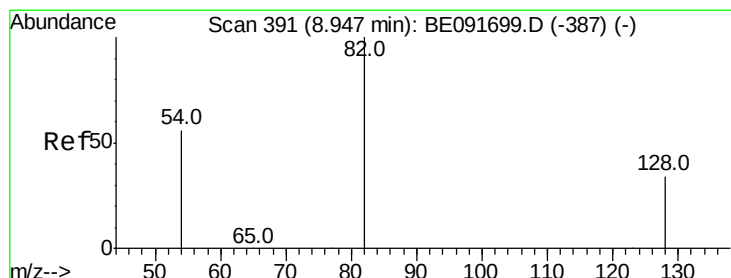
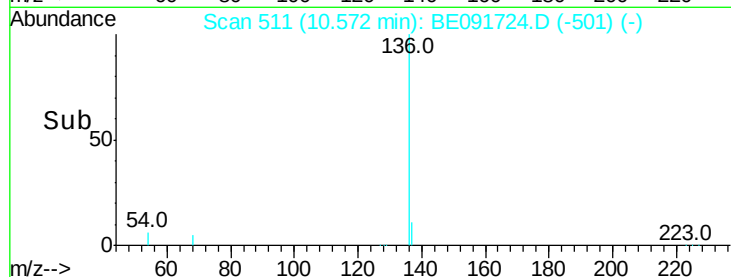
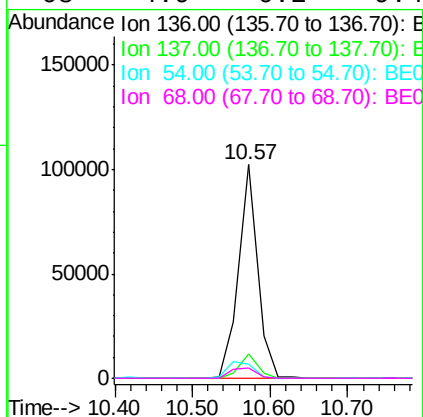
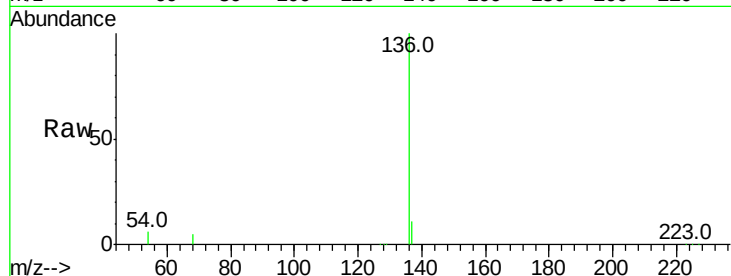
ClientSampleId :

PB90018BS

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	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: 3.14 ng

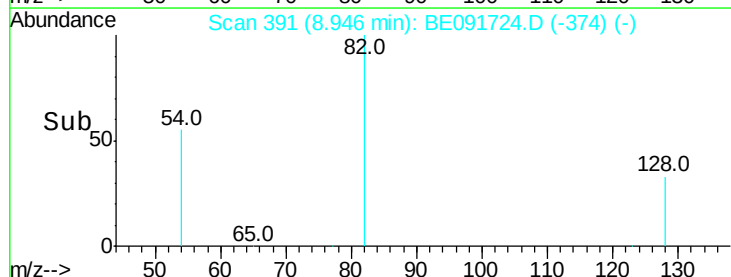
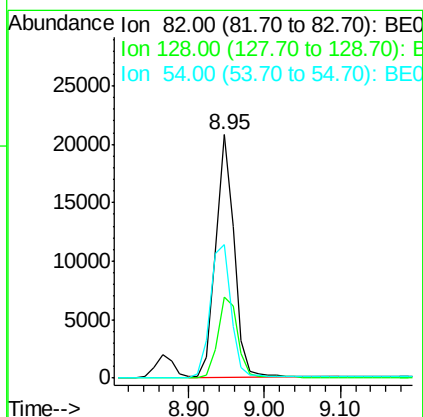
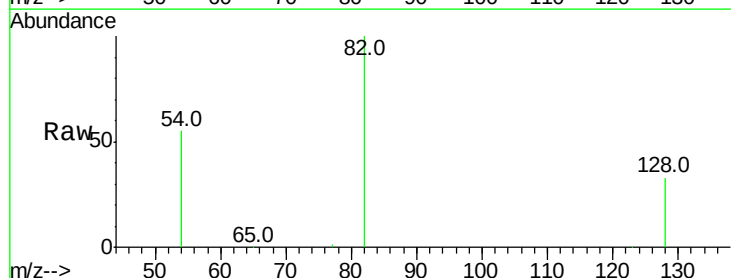
RT: 8.95 min Scan# 391

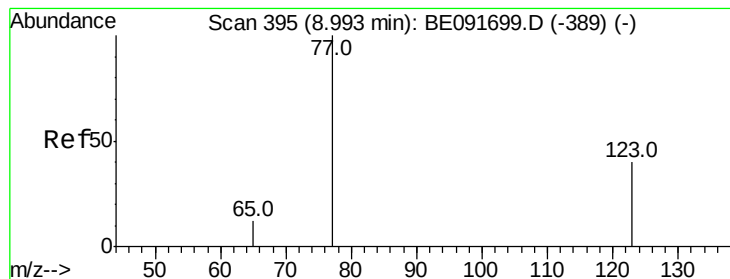
Delta R.T. -0.00 min

Lab File: BE091724.D

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Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	33.2	25.4	38.0	
54	54.7	48.4	72.6	





#9

Nitrobenzene

Concen: 3.18 ng

RT: 8.99 min Scan# 395

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

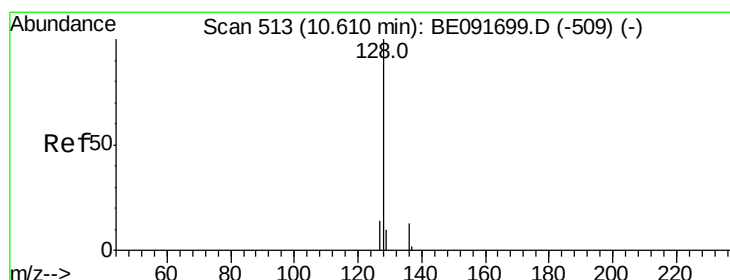
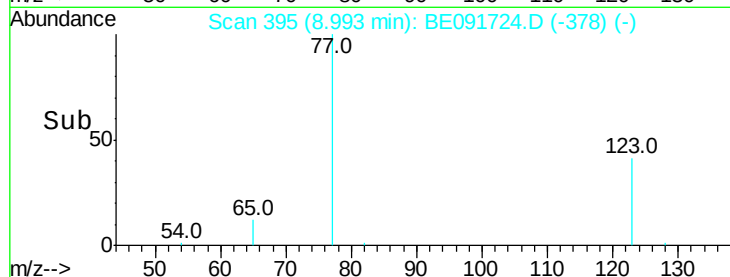
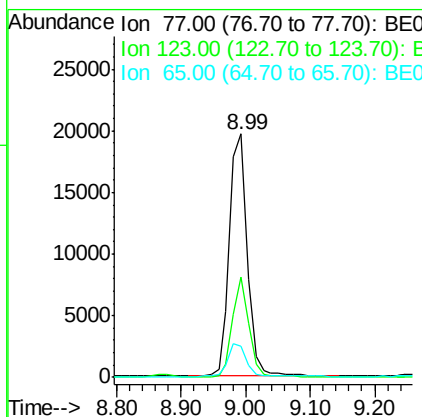
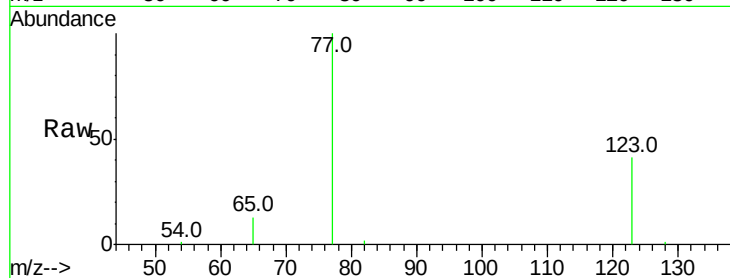
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Tot Ion	Ratio	Lower	Upper
77	100		
123	37.7	26.9	40.3
65	13.8	9.4	14.2



#10

Naphthalene

Concen: 3.22 ng

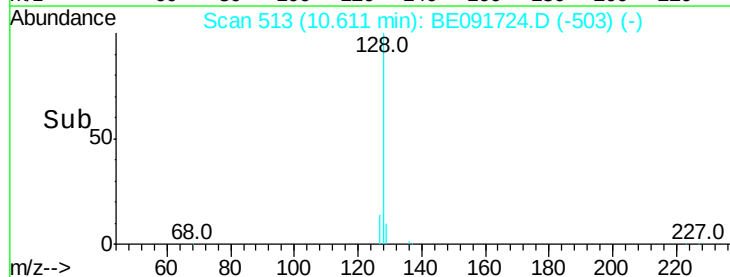
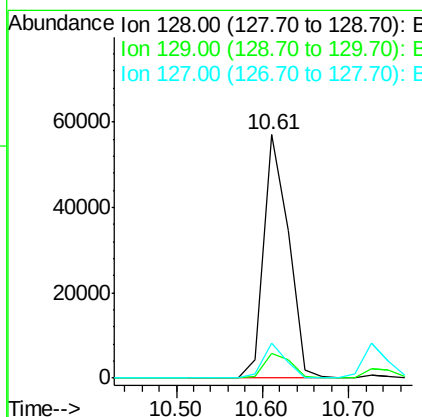
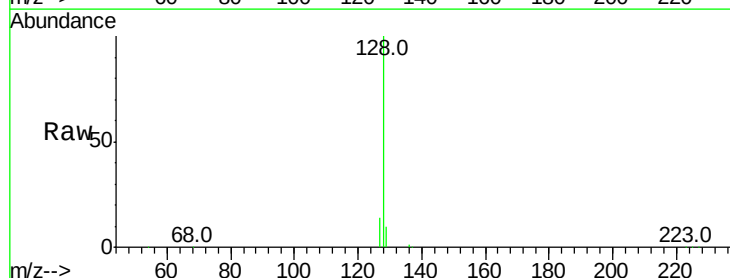
RT: 10.61 min Scan# 513

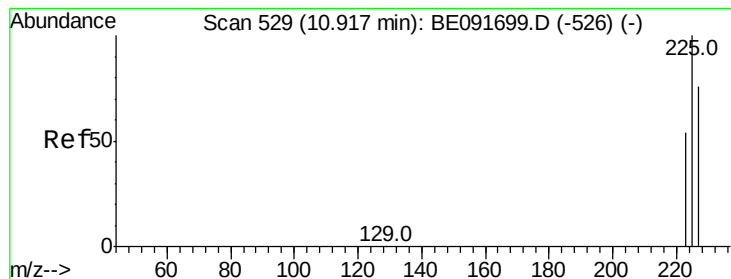
Delta R.T. 0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.2	9.3	13.9
127	14.1	10.7	16.1





#11

Hexachlorobutadiene

Concen: 3.41 ng

RT: 10.90 min Scan# 528

Delta R.T. -0.02 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

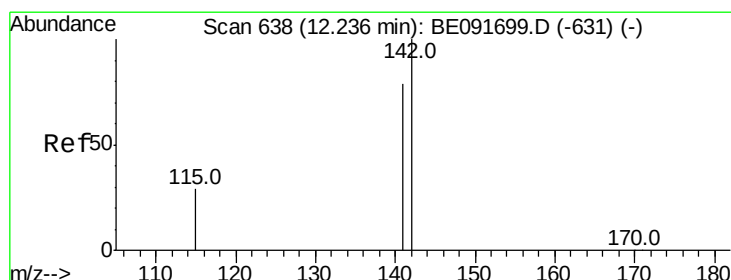
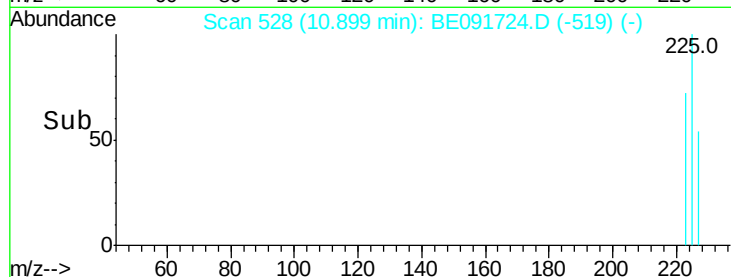
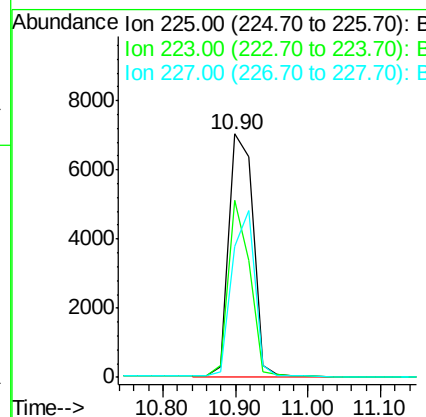
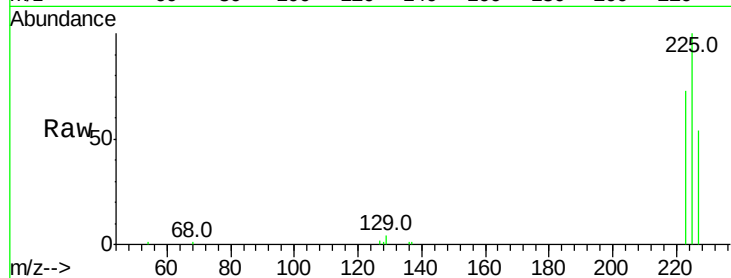
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.0	73.6
227	65.0	50.3	75.5



#12

2-Methylnaphthalene

Concen: 3.51 ng

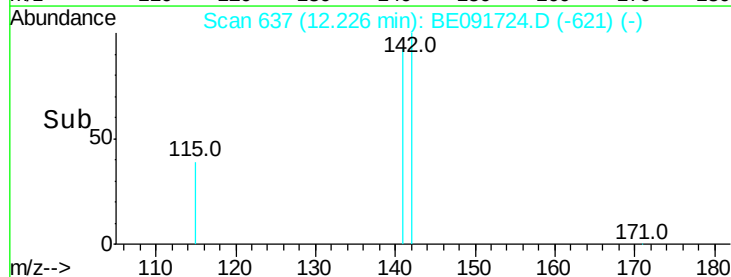
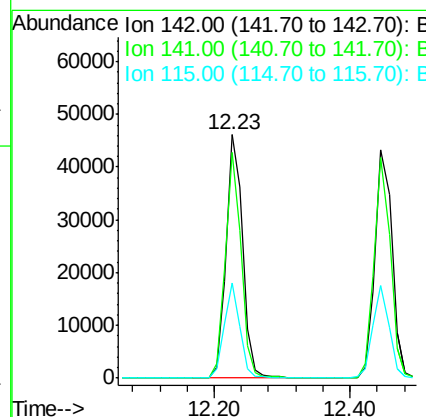
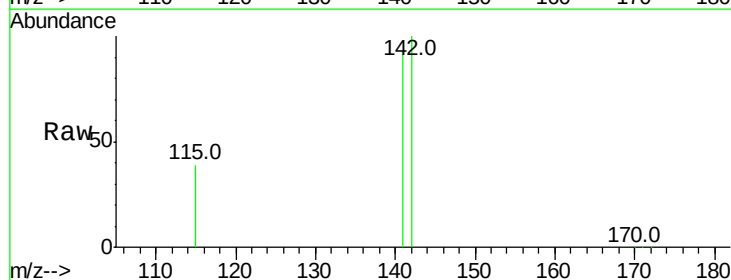
RT: 12.23 min Scan# 637

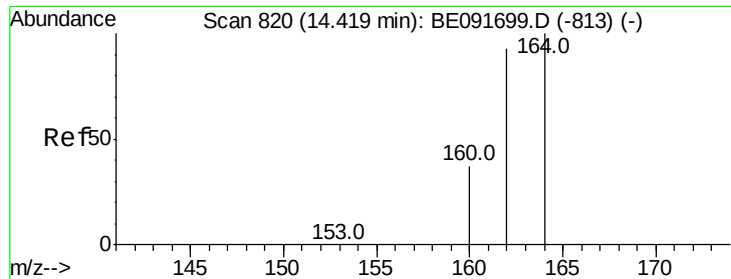
Delta R.T. -0.01 min

Lab File: BE091724.D

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Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	71.4	107.0
115	38.9	30.3	45.5





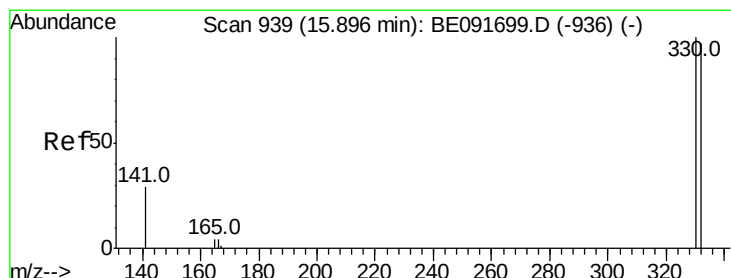
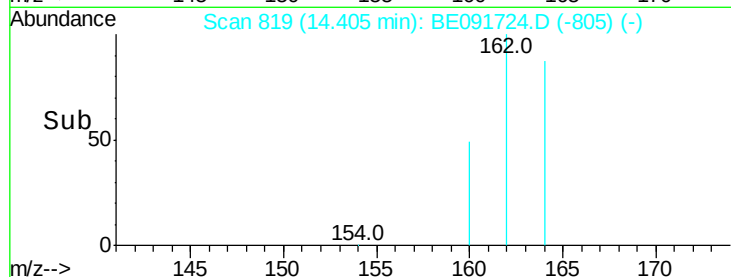
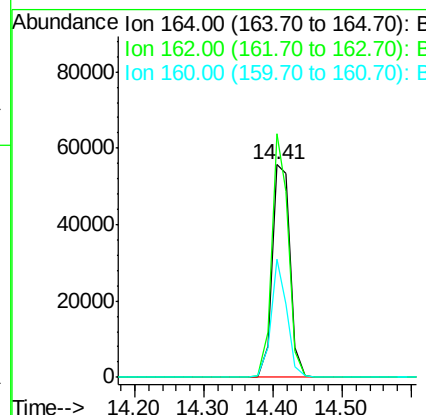
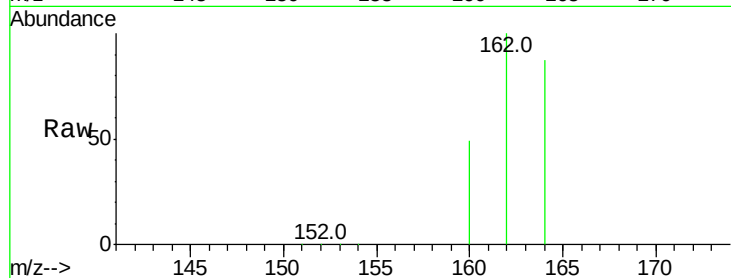
#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.41 min Scan# 819
Delta R.T. -0.01 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :
PB90018BS

Tot Ion:164 Resp: 101549
Ion Ratio Lower Upper
164 100
162 114.4 85.3 127.9
160 55.6 46.2 69.2

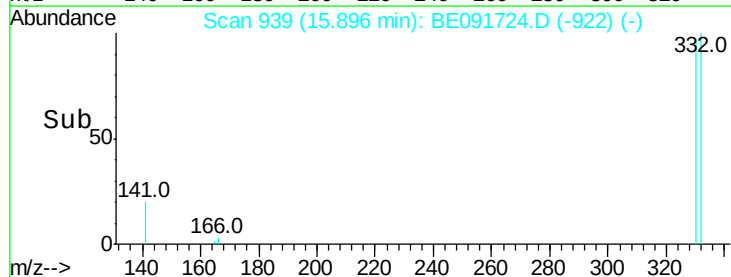
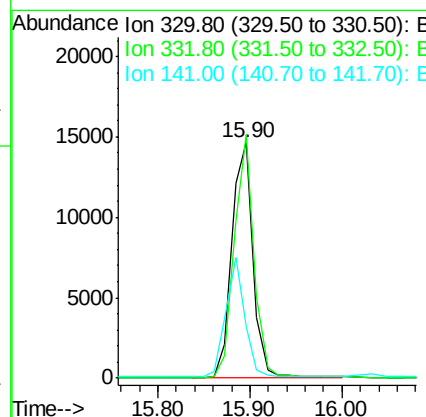
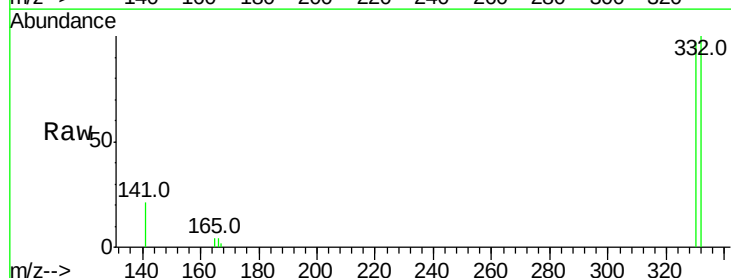
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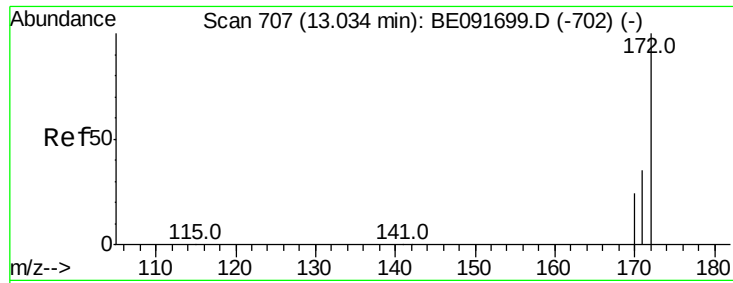
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#14
2,4,6-Tribromophenol
Concen: 6.21 ng
RT: 15.90 min Scan# 939
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Tgt Ion:330 Resp: 23354
Ion Ratio Lower Upper
330 100
332 96.3 79.1 118.7
141 45.4 125.4 188.0#





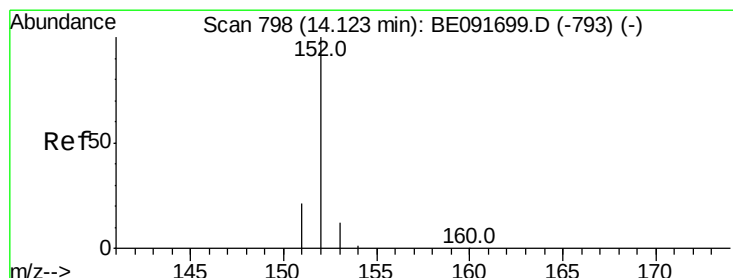
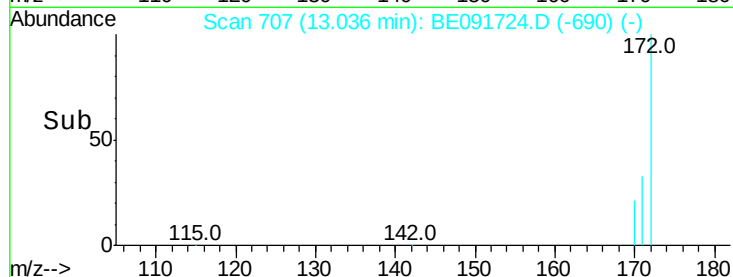
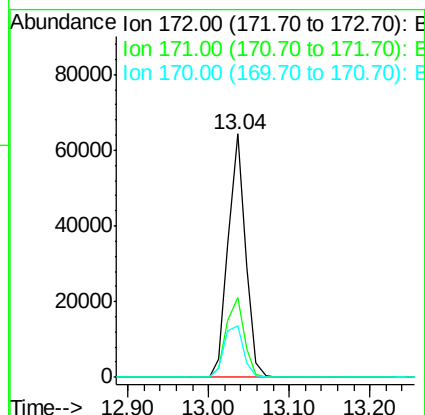
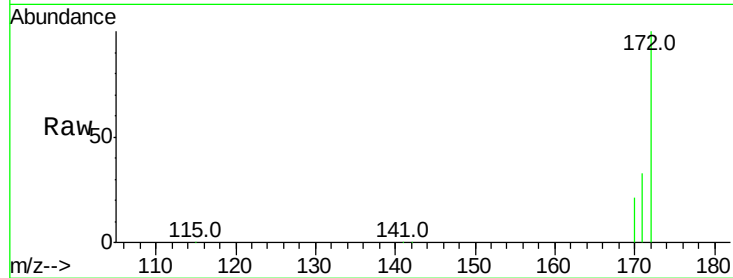
#15
2-Fluorobiphenyl
Concen: 3.33 ng
RT: 13.04 min Scan# 707
Delta R.T. 0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :
PB90018BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.0	28.8	43.2
170	21.1	19.3	28.9

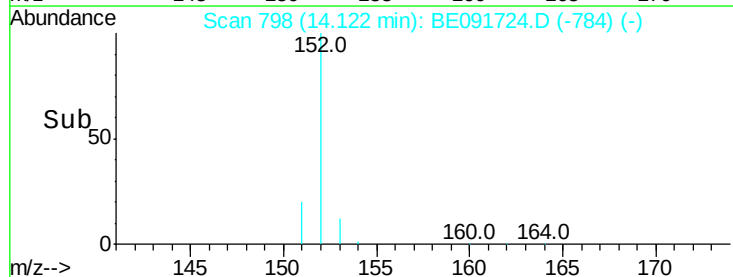
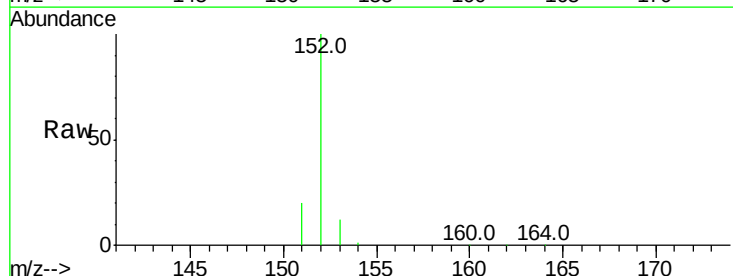
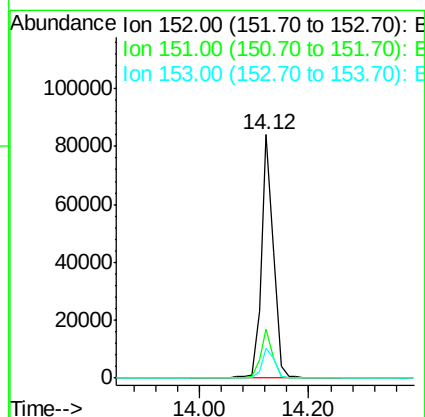
Manual Integrations
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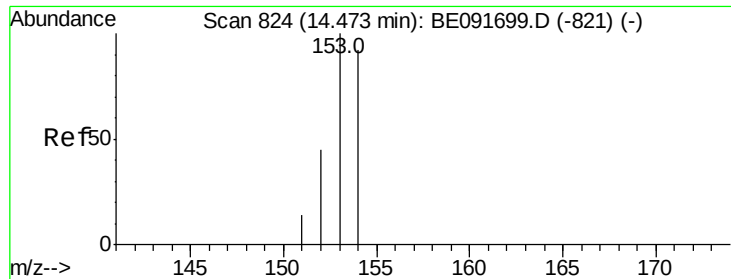
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#16
Acenaphthylene
Concen: 3.54 ng
RT: 14.12 min Scan# 798
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	3.9	5.9#
153	13.5	10.3	15.5





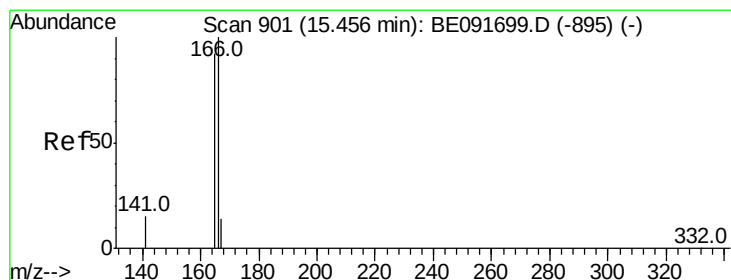
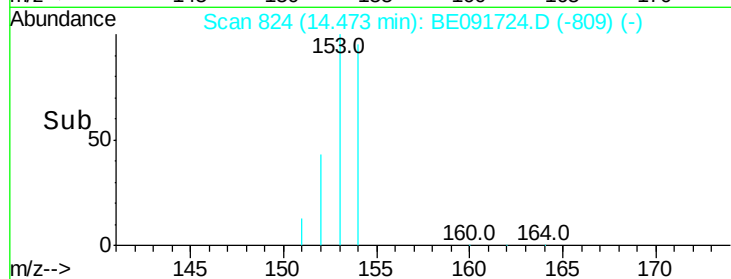
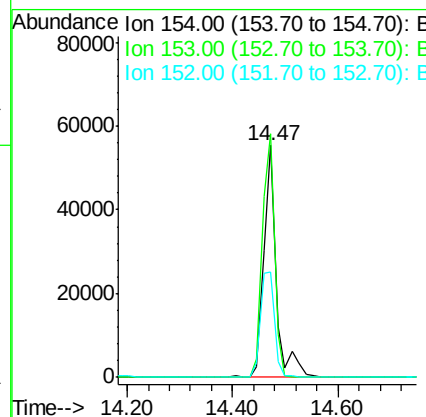
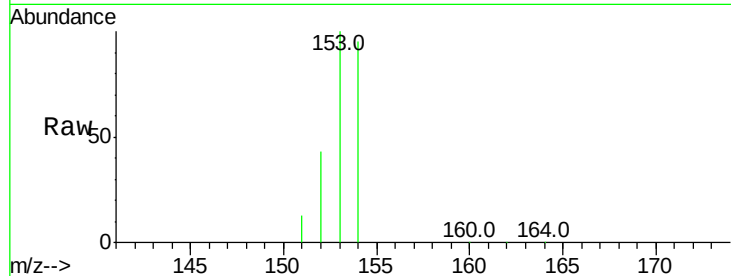
#17
Acenaphthene
Concen: 3.64 ng
RT: 14.47 min Scan# 824
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :
PB90018BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	102.2	80.0	120.0
152	50.4	40.0	60.0

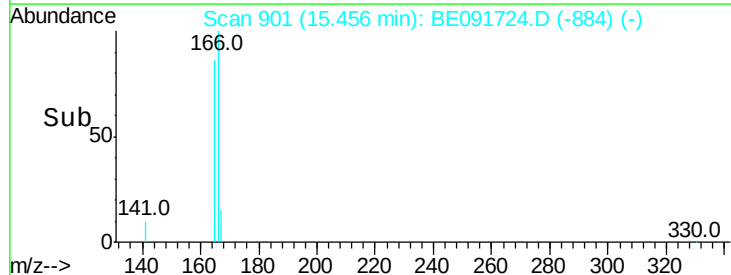
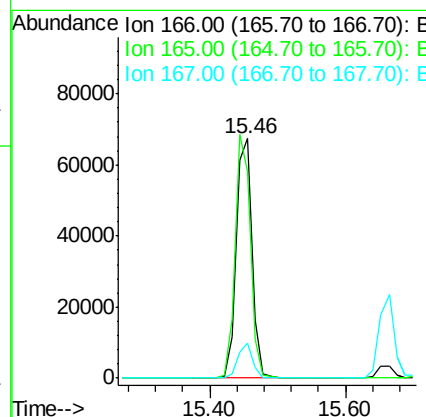
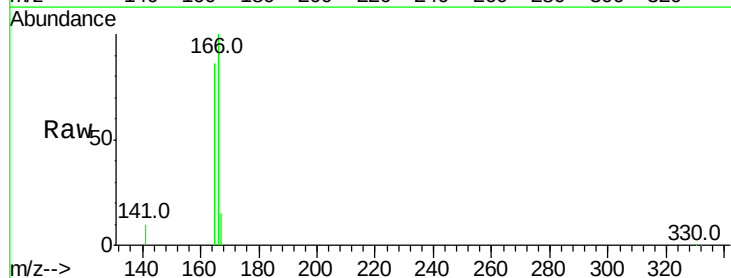
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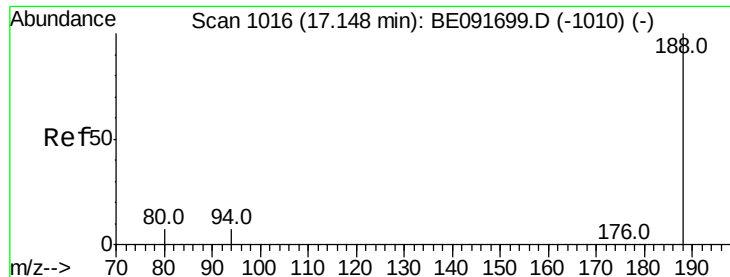
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#18
Fluorene
Concen: 3.51 ng
RT: 15.46 min Scan# 901
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.5	80.8	121.2
167	13.5	10.9	16.3





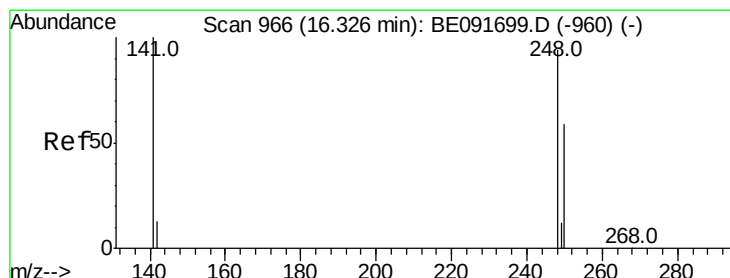
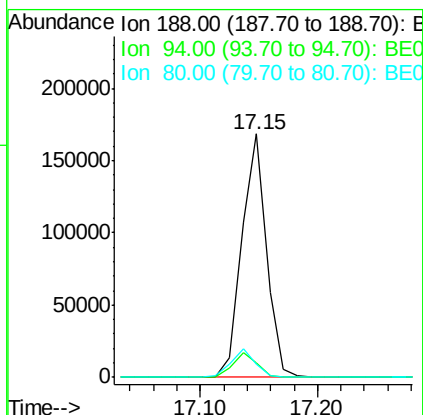
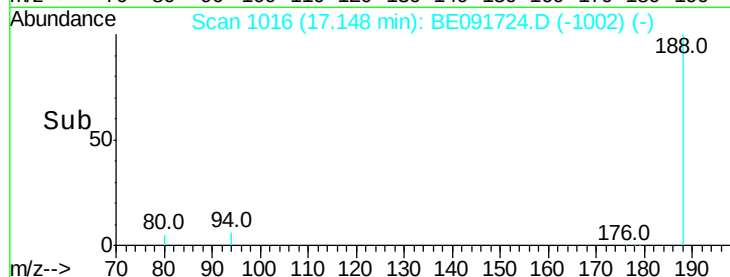
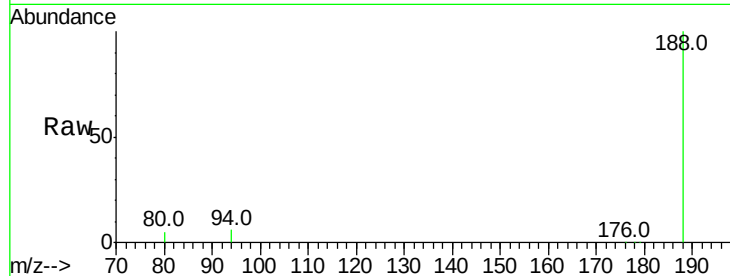
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.15 min Scan# 1016
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :
PB90018BS

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.0	8.7	13.1#
80	5.3	9.4	14.0#

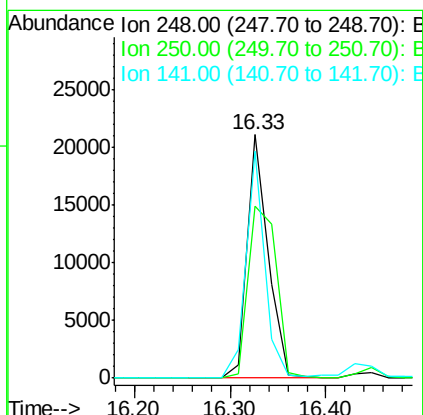
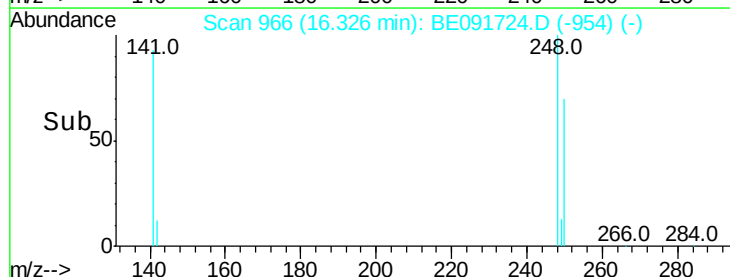
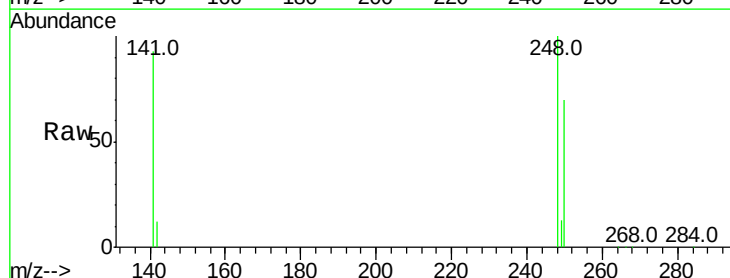
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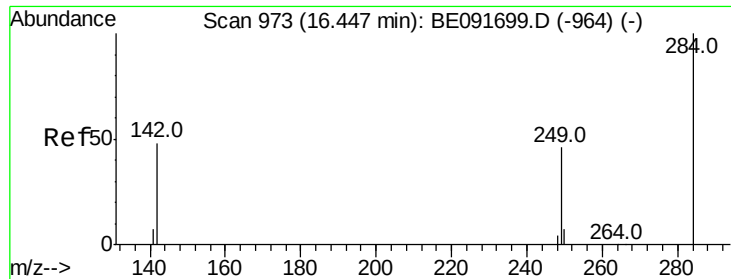
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#20
4-Bromophenyl-phenylether
Concen: 3.57 ng
RT: 16.33 min Scan# 966
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Tgt Ion	Ratio	Resp Lower	Upper
248	100		
250	95.0	80.5	120.7
141	83.4	72.0	108.0





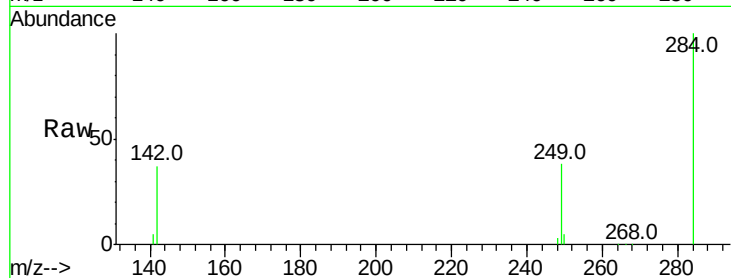
#21
Hexachlorobenzene
Concen: 3.50 ng
RT: 16.45 min Scan# 973
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :
PB90018BS

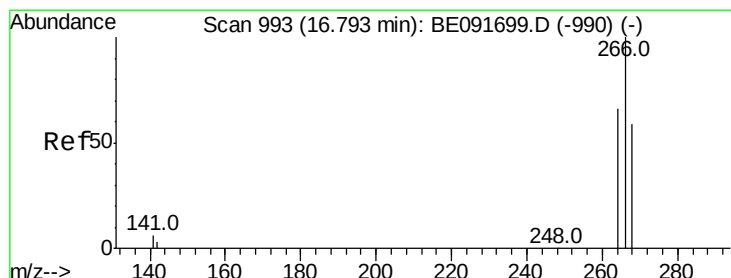
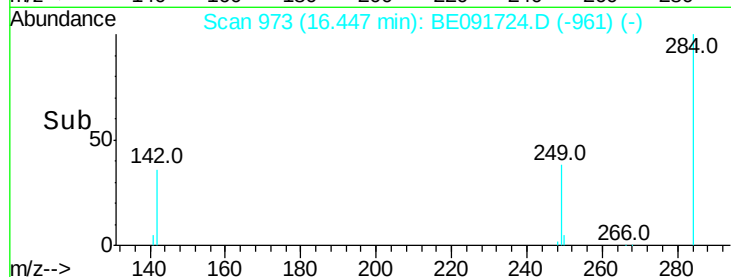
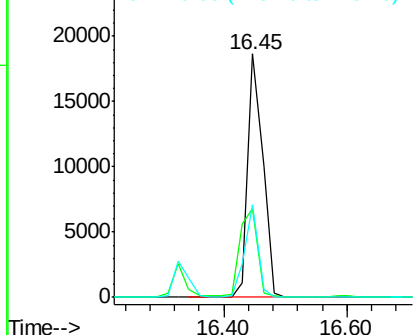
Tot Ion	Ratio	Resp	Lower	Upper
284	100	31117		
142	42.4		32.2	48.2
249	34.0		25.4	38.2

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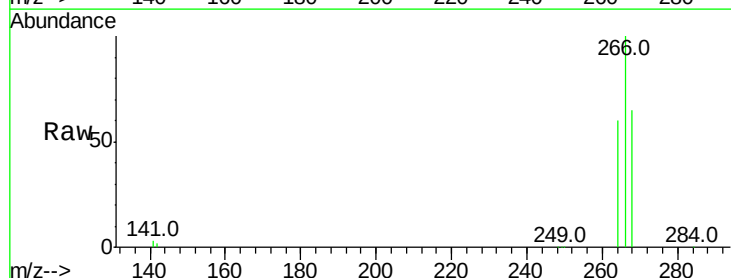


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

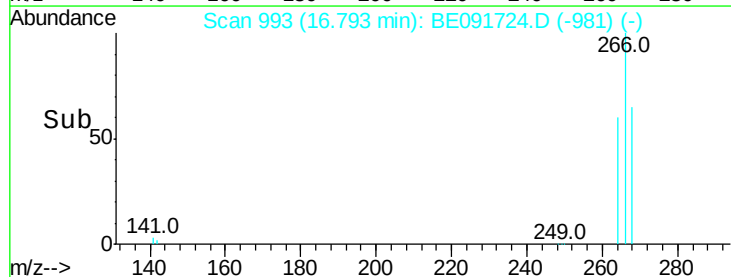
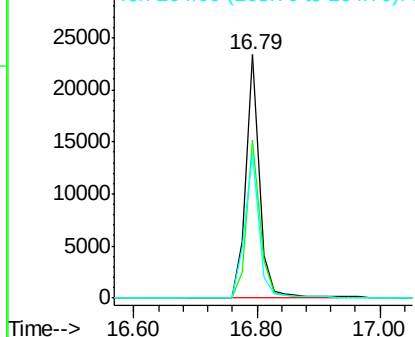


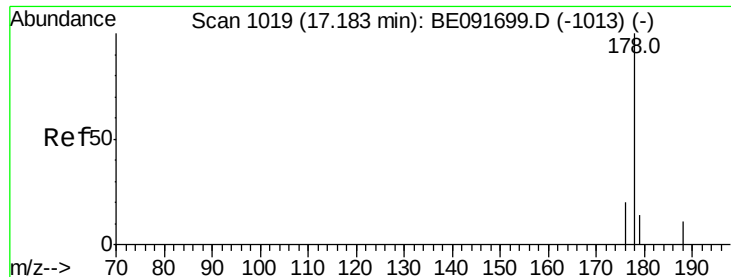
#22
Pentachlorophenol
Concen: 7.47 ng
RT: 16.79 min Scan# 993
Delta R.T. 0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	35834		
268	65.1		58.2	87.2
264	59.7		56.2	84.4



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





#23

Phenanthrene

Concen: 3.66 ng

RT: 17.18 min Scan# 1019

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

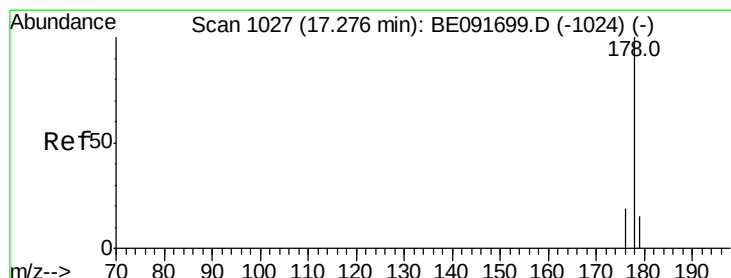
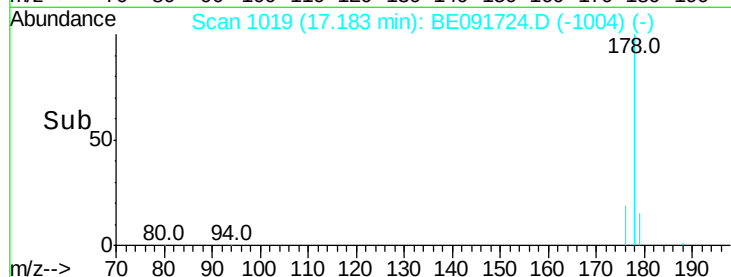
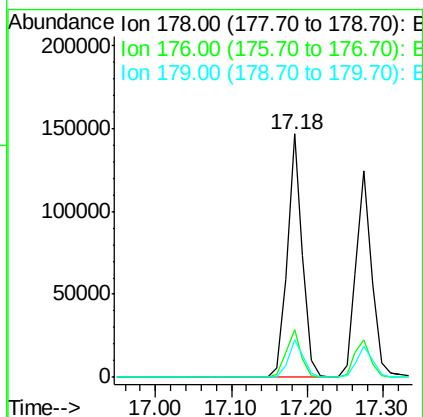
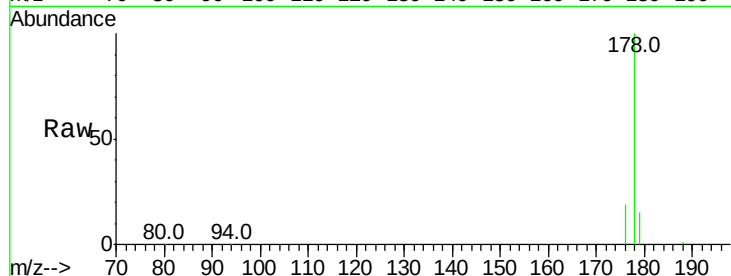
ClientSampleId :

PB90018BS

Tot Ion:178	Resp:	205339
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.3 22.9
179	15.6	12.6 18.8

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#24

Anthracene

Concen: 3.60 ng

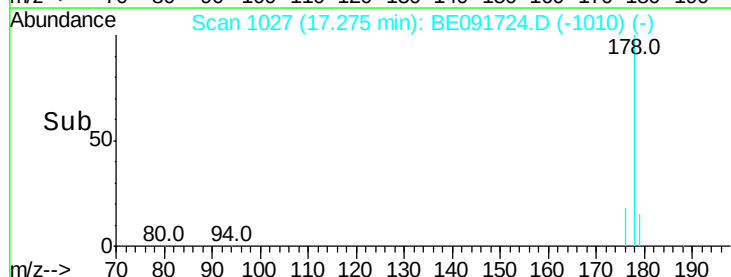
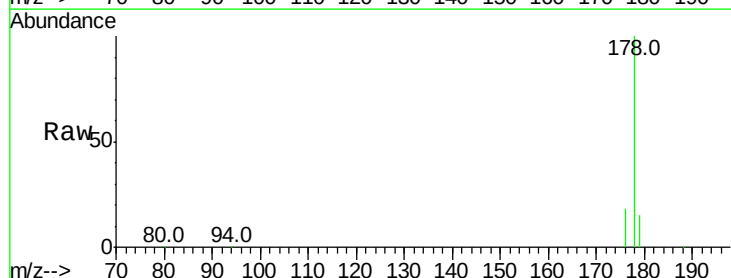
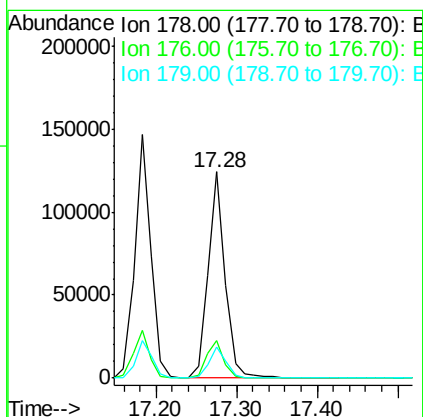
RT: 17.28 min Scan# 1027

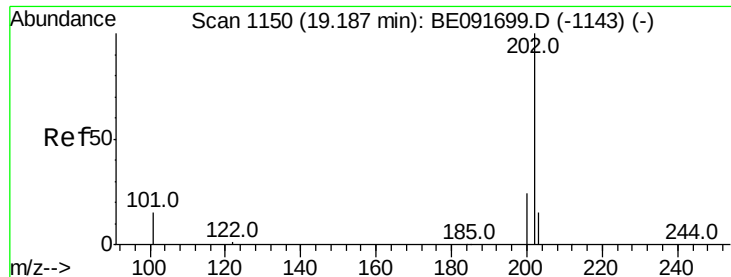
Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Tgt Ion:178	Resp:	182295
Ion Ratio	Lower	Upper
178	100	
176	18.9	14.6 21.8
179	15.1	11.8 17.6





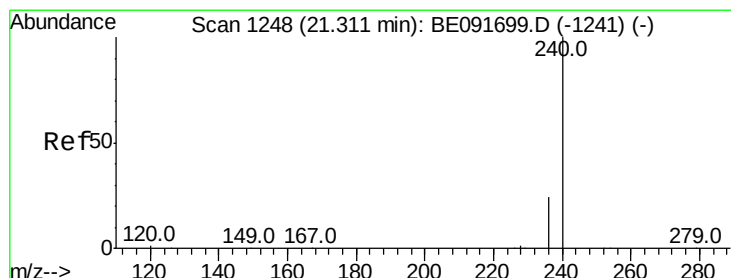
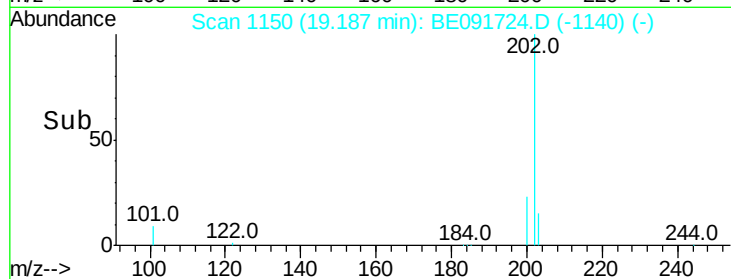
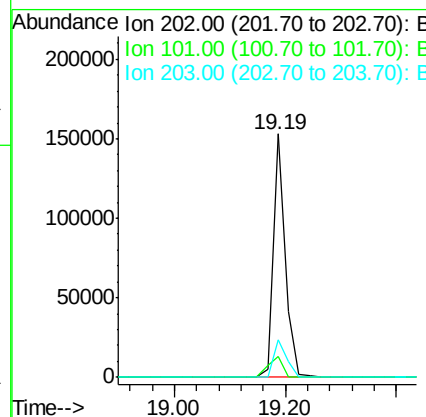
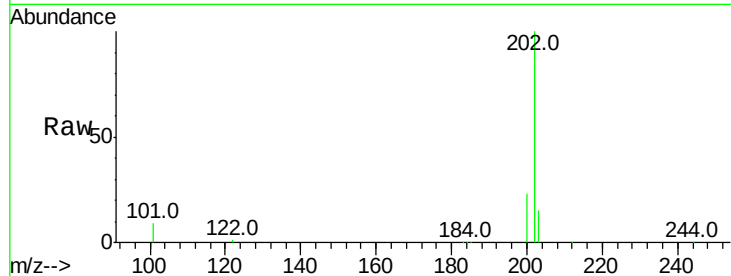
#25
Fluoranthene
Concen: 4.01 ng
RT: 19.19 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :
PB90018BS

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	10.9	11.0	16.6#
203	17.1	13.9	20.9

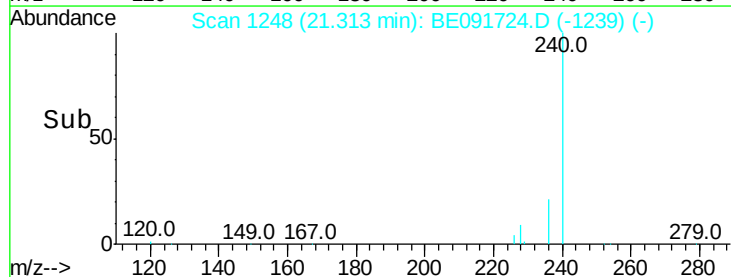
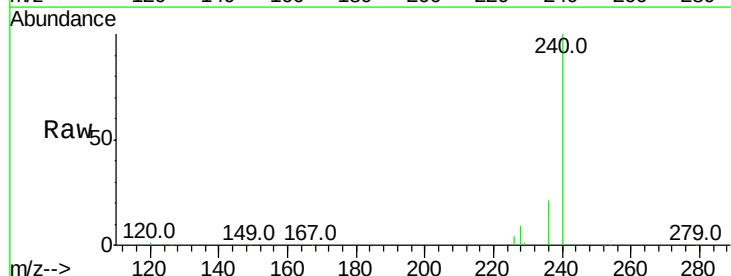
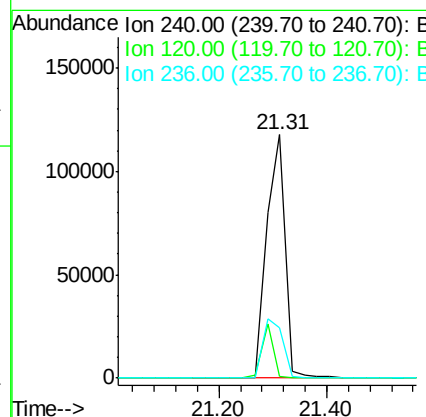
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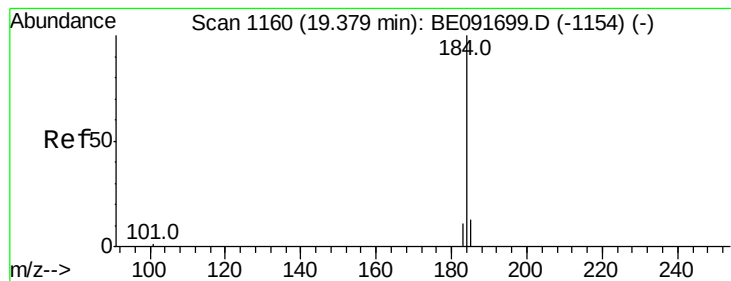
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#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.31 min Scan# 1248
Delta R.T. 0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	0.8	11.0	16.4#
236	20.9	21.7	32.5#





#27

Benzidine

Concen: 1.36 ng

RT: 19.38 min Scan# 1160

Delta R.T. 0.00 min

Lab File: BE091724.D

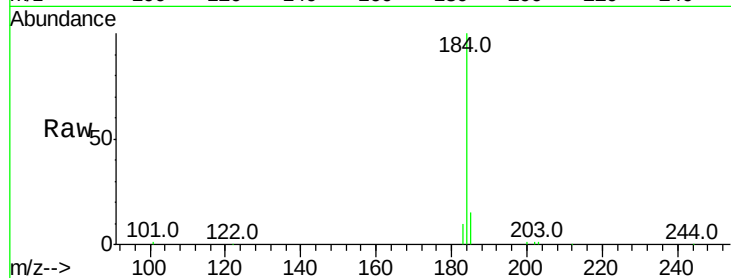
Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

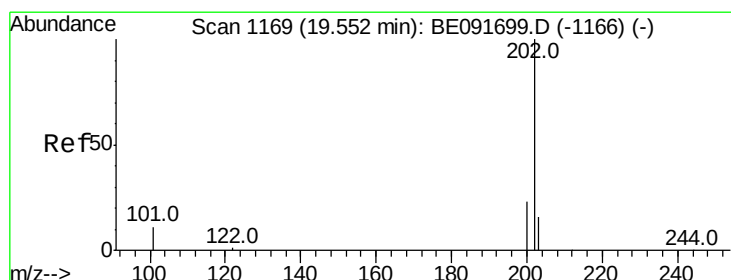
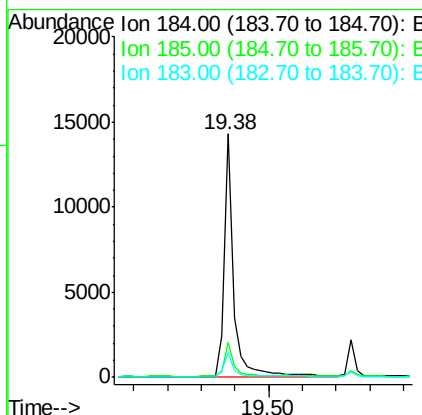
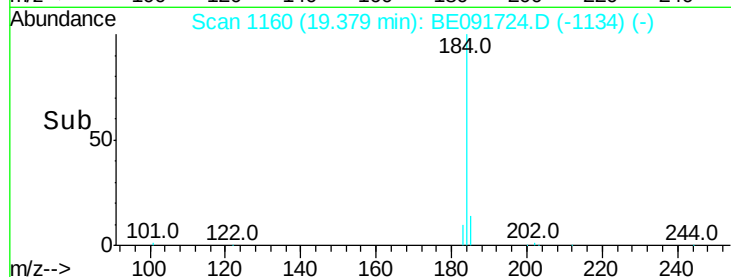
PB90018BS



Tot Ion:	184	Resp:	27649
Ion Ratio	Lower	Upper	
184	100		
185	14.6	22.3	33.5#
183	10.2	16.4	24.6#

Manual Integrations
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#28

Pyrene

Concen: 4.08 ng

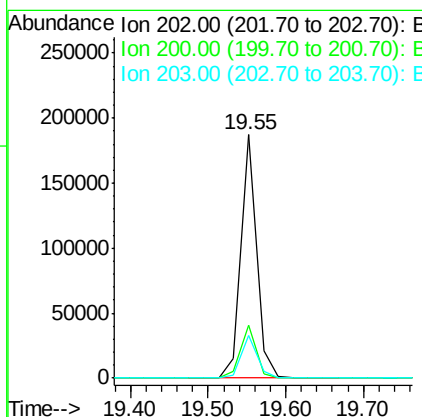
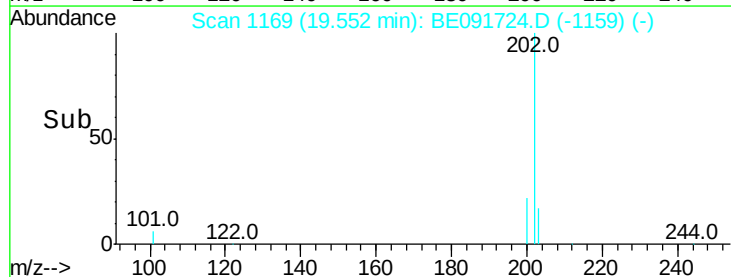
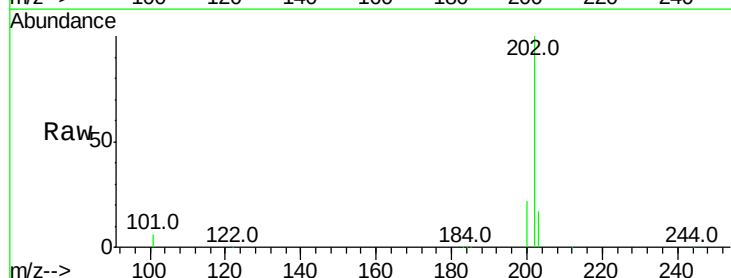
RT: 19.55 min Scan# 1169

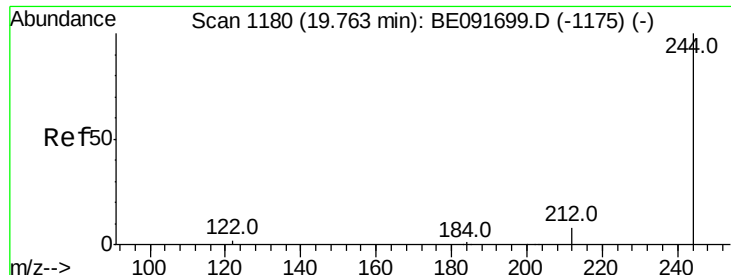
Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Tgt Ion:	202	Resp:	260788
Ion Ratio	Lower	Upper	
202	100		
200	21.7	16.8	25.2
203	18.1	14.0	21.0





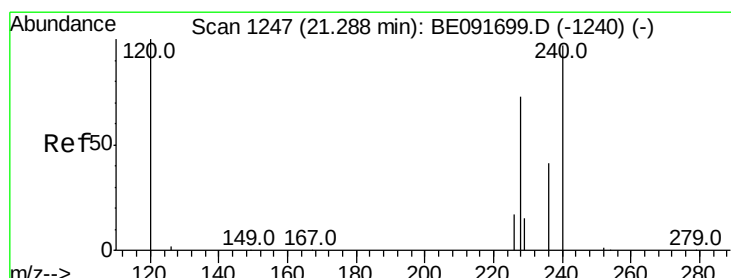
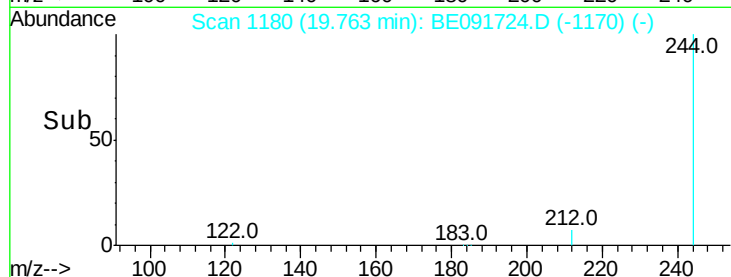
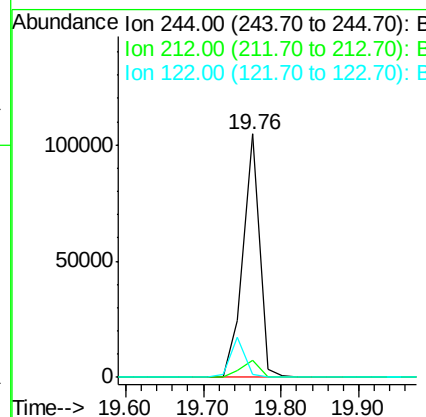
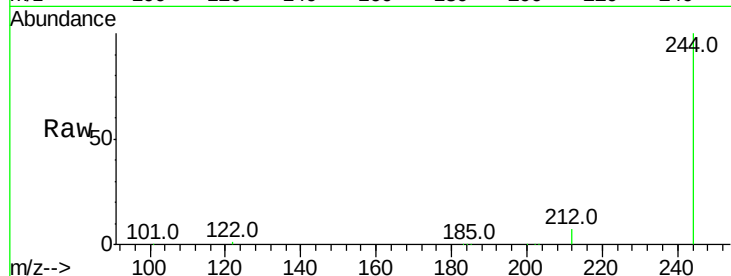
#29
 Terphenyl-d14
 Concen: 3.50 ng
 RT: 19.76 min Scan# 1180
 Delta R.T. -0.00 min
 Lab File: BE091724.D
 Acq: 27 Apr 2016 13:49

Instrument :
 BNA_E
 ClientSampled :
 PB90018BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.0	6.9	10.3	
122	1.0	11.0	16.4	

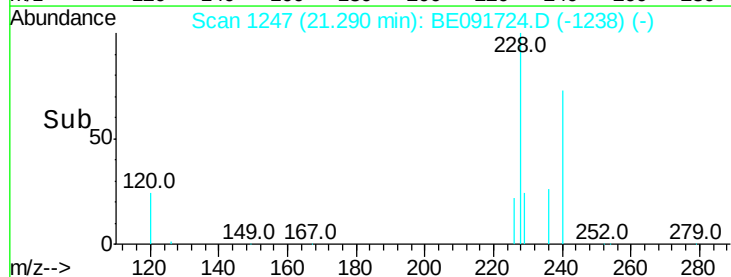
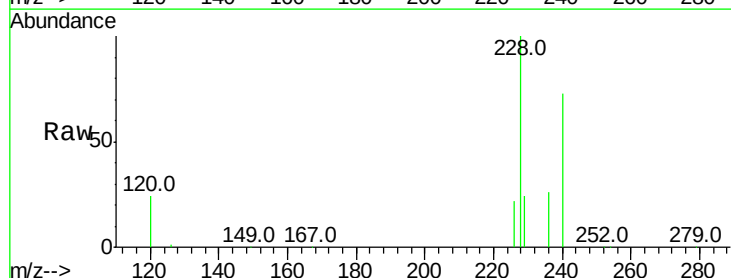
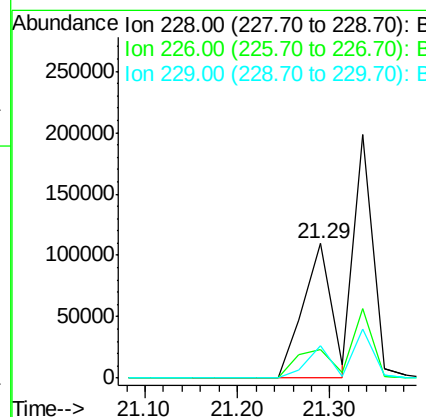
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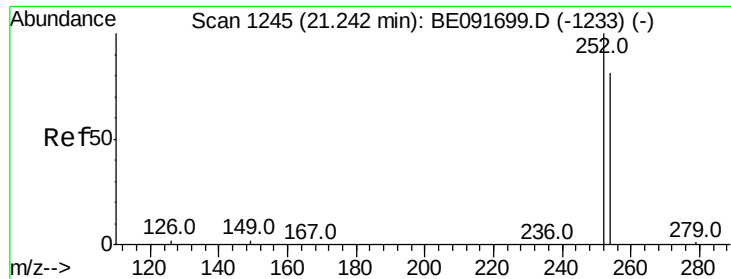
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#30
 Benzo(a)anthracene
 Concen: 3.34 ng
 RT: 21.29 min Scan# 1247
 Delta R.T. 0.00 min
 Lab File: BE091724.D
 Acq: 27 Apr 2016 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
226	21.7	21.0	31.4	
229	23.8	15.7	23.5	





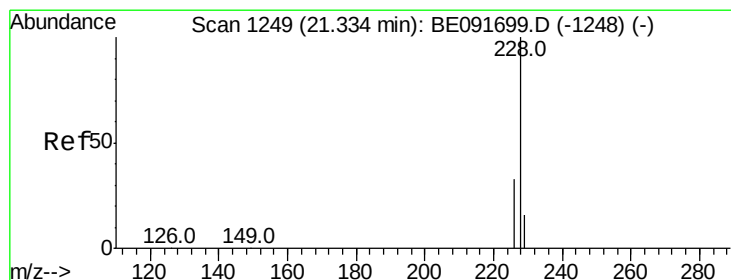
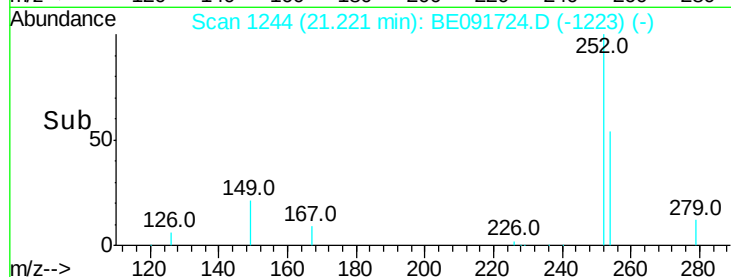
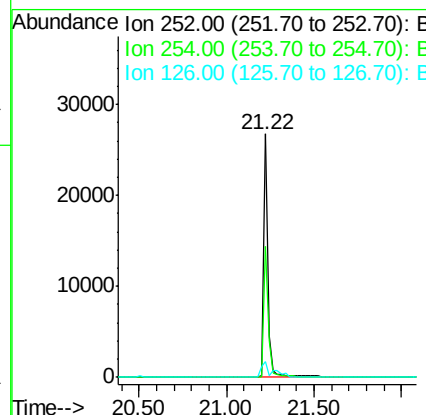
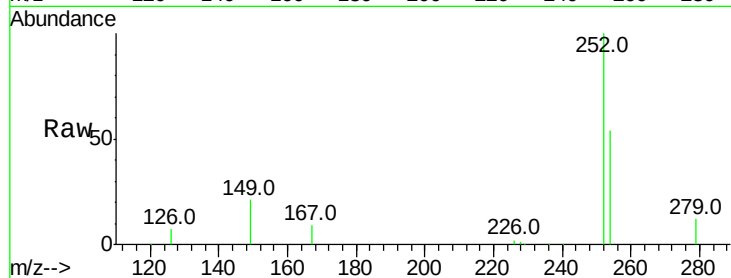
#31
 3,3'-Dichlorobenzidine
 Concen: 1.31 ng
 RT: 21.22 min Scan# 1244
 Delta R.T. -0.02 min
 Lab File: BE091724.D
 Acq: 27 Apr 2016 13:49

Instrument :
 BNA_E
 ClientSampleId :
 PB90018BS

Tot Ion	Ratio	Lower	Upper
252	100		
254	53.6	51.1	76.7
126	6.6	12.6	18.8

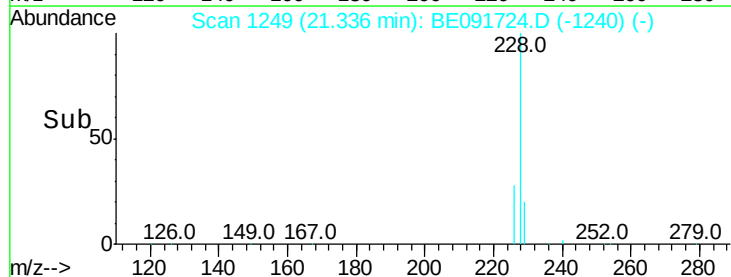
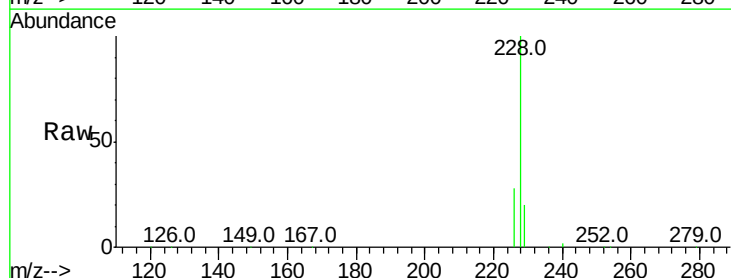
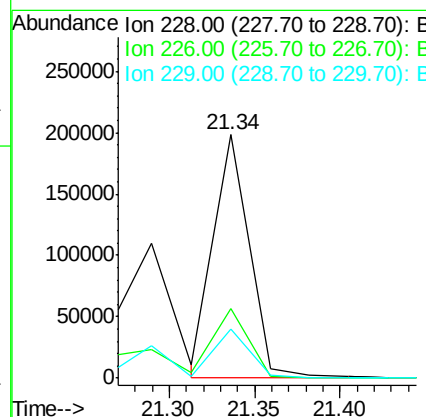
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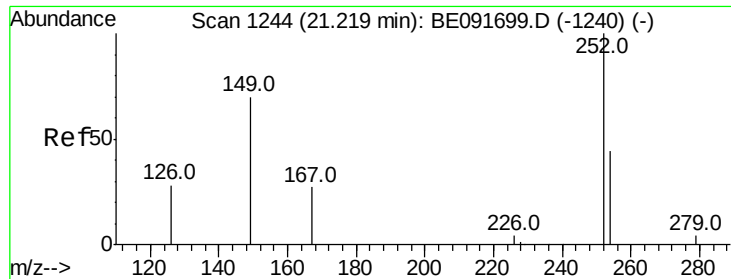
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#32
 Chrysene
 Concen: 4.03 ng m
 RT: 21.34 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BE091724.D
 Acq: 27 Apr 2016 13:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	24.0	36.0
229	20.0	15.9	23.9





#33

Bis(2-ethylhexyl)phthalate

Concen: 5.26 ng

RT: 21.20 min Scan# 1243

Delta R.T. -0.02 min

Lab File: BE091724.D

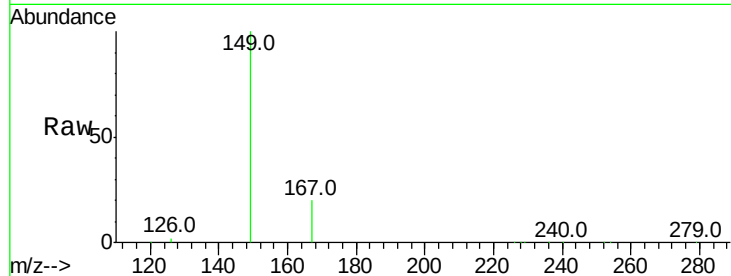
Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

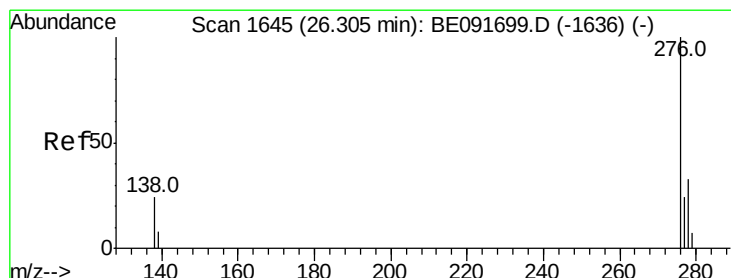
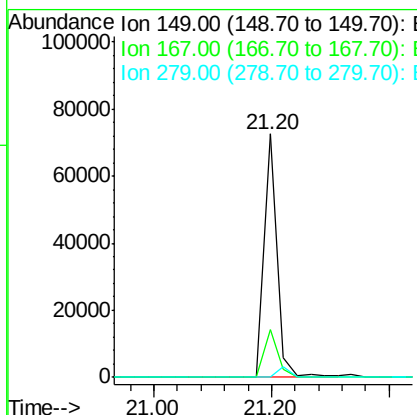
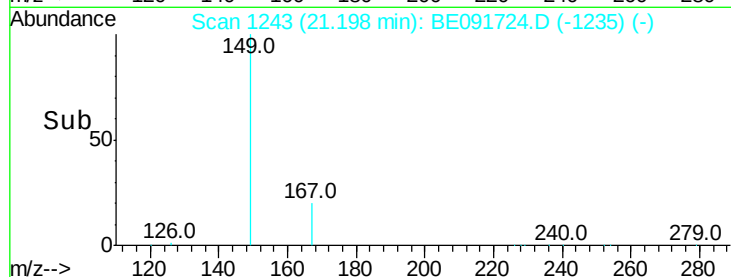
PB90018BS



Tot Ion:	149	Resp:	110106
Ion Ratio	Lower	Upper	
149	100		
167	21.3	19.5	29.3
279	0.0	10.0	15.0

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#34

Indeno(1,2,3-cd)pyrene

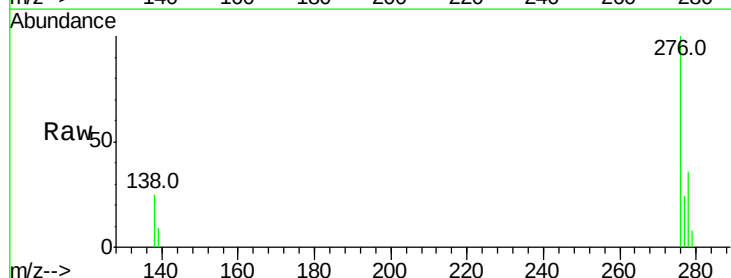
Concen: 3.96 ng

RT: 26.29 min Scan# 1644

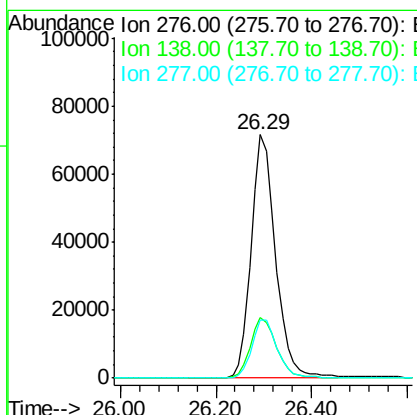
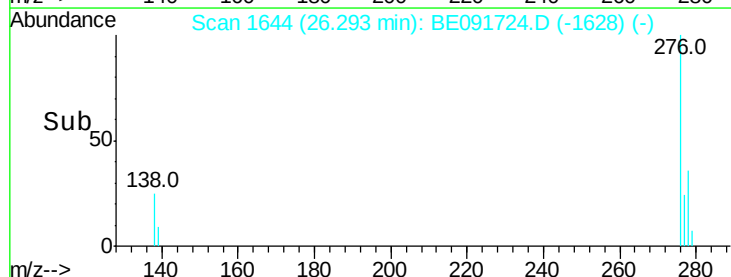
Delta R.T. -0.01 min

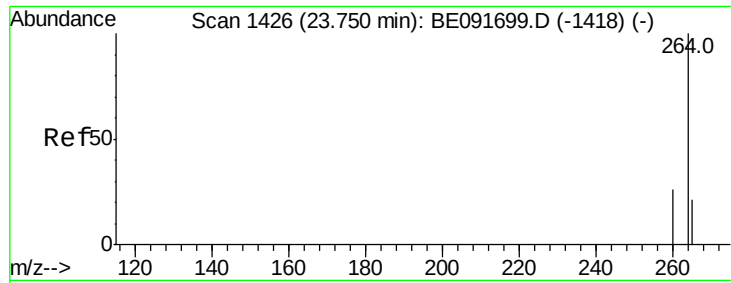
Lab File: BE091724.D

Acq: 27 Apr 2016 13:49



Tgt Ion:	276	Resp:	253316
Ion Ratio	Lower	Upper	
276	100		
138	26.3	23.4	35.2
277	24.7	19.8	29.8





#35

Pervlene-d12

Concen: 5.00 ng

RT: 23.75 min Scan# 1426

Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

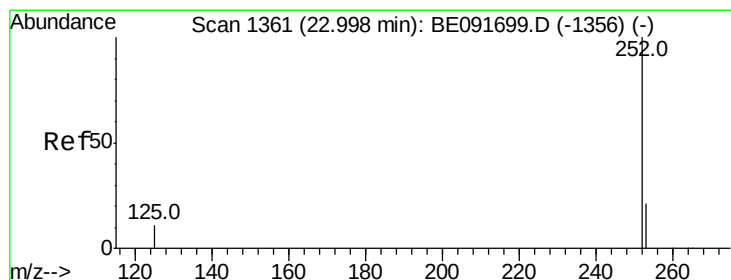
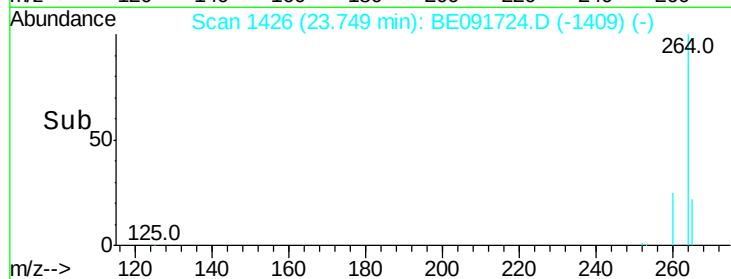
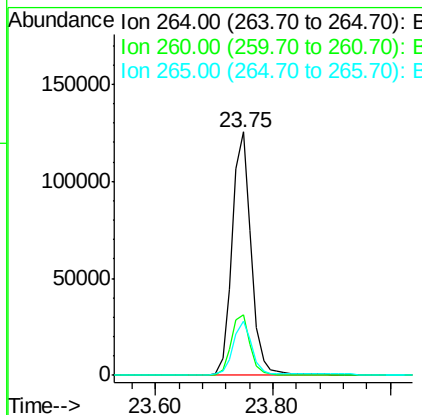
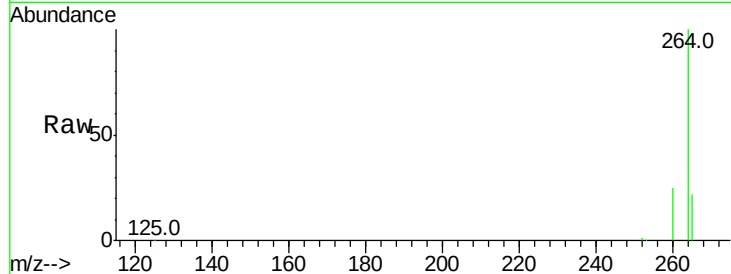
ClientSampleId :

PB90018BS

Tot Ion:	264	Resp:	280744
Ion Ratio	Lower	Upper	
264	100		
260	24.6	20.0	30.0
265	22.2	17.5	26.3

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#36

Benzo(b)fluoranthene

Concen: 4.05 ng

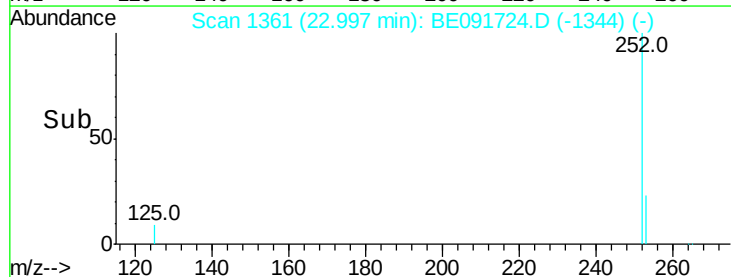
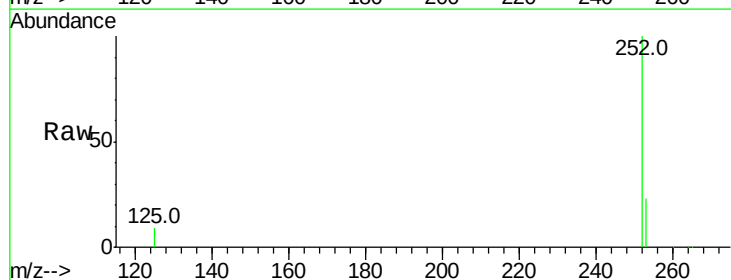
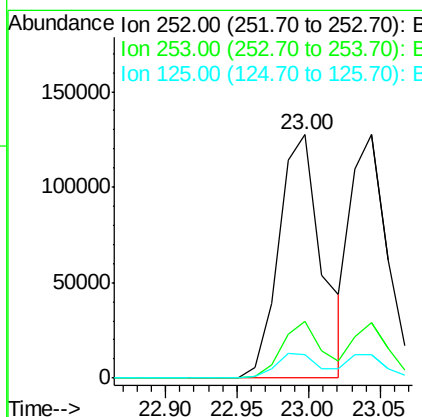
RT: 23.00 min Scan# 1361

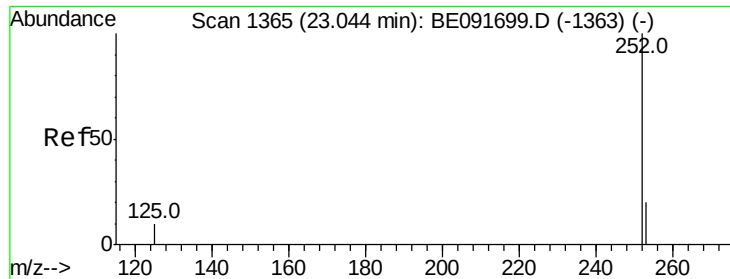
Delta R.T. -0.00 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Tgt Ion:	252	Resp:	266332
Ion Ratio	Lower	Upper	
252	100		
253	23.1	17.4	26.0
125	9.4	10.2	15.2#





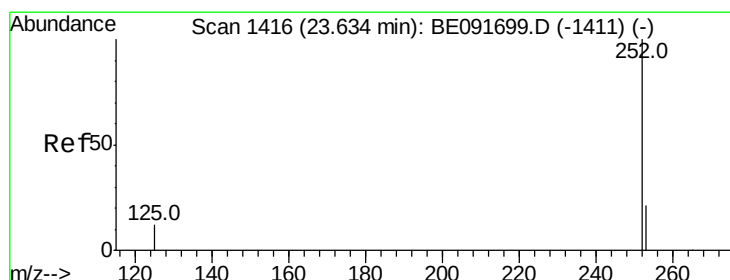
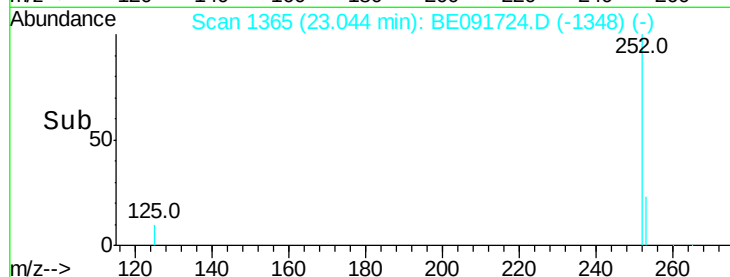
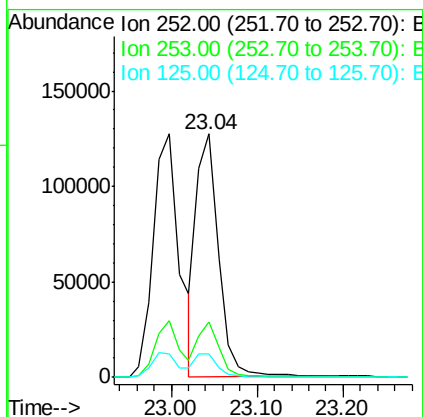
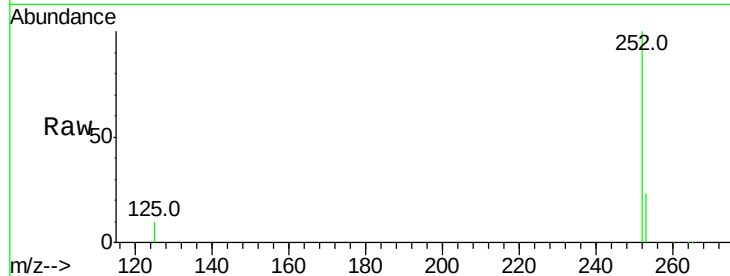
#37
Benzo(k)fluoranthene
Concen: 3.39 ng
RT: 23.04 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Instrument :
BNA_E
ClientSampleId :
PB90018BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	9.7	9.9	14.9

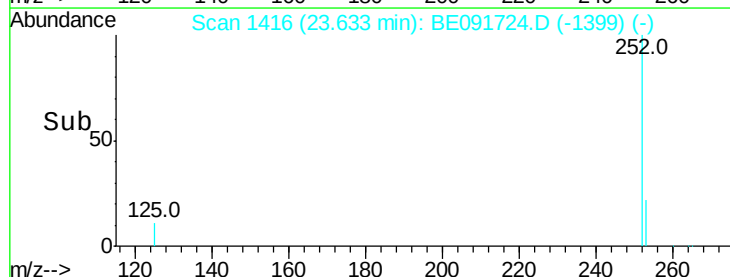
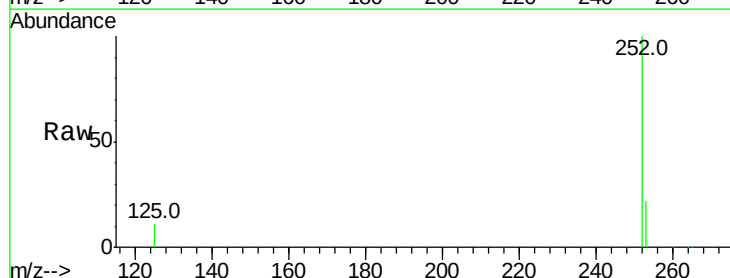
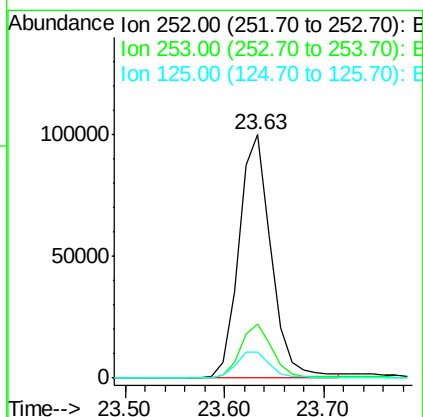
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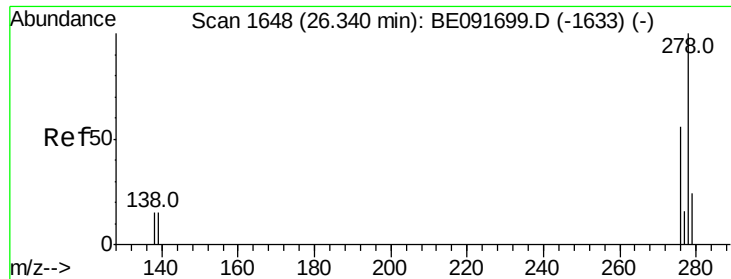
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#38
Benzo(a)pyrene
Concen: 3.59 ng
RT: 23.63 min Scan# 1416
Delta R.T. -0.00 min
Lab File: BE091724.D
Acq: 27 Apr 2016 13:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	10.8	11.0	16.4





#39

Dibenzo(a,h)anthracene

Concen: 3.64 ng

RT: 26.32 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BE091724.D

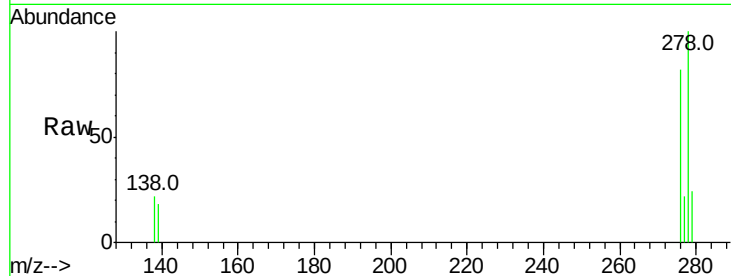
Acq: 27 Apr 2016 13:49

Instrument :

BNA_E

ClientSampleId :

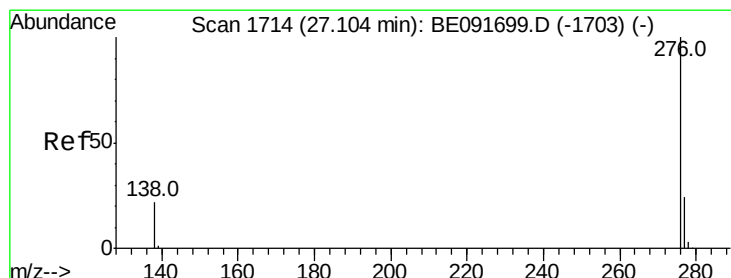
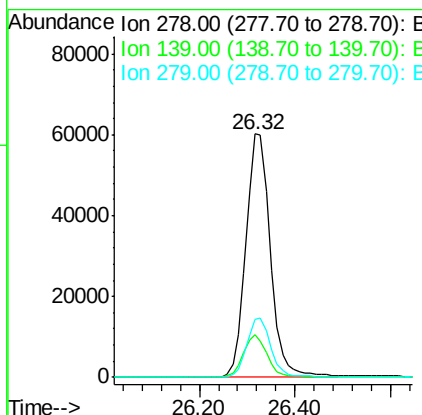
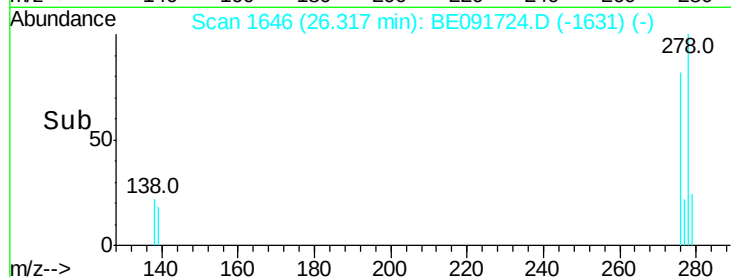
PB90018BS



Tot Ion:	278	Resp:	213474
Ion Ratio	Lower	Upper	
278	100		
139	17.6	16.0	24.0
279	23.7	19.4	29.2

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#40

Benzo(g,h,i)perylene

Concen: 3.59 ng

RT: 27.09 min Scan# 1713

Delta R.T. -0.01 min

Lab File: BE091724.D

Acq: 27 Apr 2016 13:49

Tgt Ion:	276	Resp:	214057
Ion Ratio	Lower	Upper	
276	100		
277	24.4	18.6	28.0
138	21.2	20.4	30.6

