

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082018\
 Data File : BE097338.D
 Acq On : 20 Aug 2018 18:50
 Operator : SJ/JU
 Sample : PB112113BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112113BS

Manual Integrations
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Quant Time: Aug 21 05:19:24 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE082018.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Aug 20 18:32:10 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.39	152	942	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3998	0.40	ng	0.00
13) Acenaphthene-d10	14.01	164	1878	0.40	ng	0.00
19) Phenanthrene-d10	16.76	188	5444	0.40	ng	0.00
27) Chrysene-d12	20.98	240	5045	0.40	ng	0.00
34) Perylene-d12	23.21	264	4160	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.05	112	1333	0.62	ng	0.00
5) Phenol-d6	6.60	99	1592	0.50	ng	0.00
8) Nitrobenzene-d5	8.52	82	1058	0.62	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	3571	0.66	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	227	0.61	ng	0.00
15) 2-Fluorobiphenyl	12.63	172	4214	0.55	ng	0.00
25) Fluoranthene-d10	18.81	212	30640	0.63	ng	0.00
29) Terphenyl-d14	19.43	244	5039	0.50	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.10	88	593	0.423	ng	88
3) n-Nitrosodimethylamine	3.38	42	748	0.574	ng	# 85
6) bis(2-Chloroethyl)ether	6.83	93	1423	0.447	ng	99
9) Naphthalene	10.18	128	18486	0.504	ng	100
10) Hexachlorobutadiene	10.48	225	759	0.471	ng	99
12) 2-Methylnaphthalene	11.80	142	2793	0.506	ng	99
16) Acenaphthylene	13.73	152	3253	0.455	ng	100
17) Acenaphthene	14.07	154	2441	0.483	ng	# 94
18) Fluorene	15.06	166	3329	0.539	ng	# 80
20) 4-Bromophenyl-phenylether	15.97	248	1087	0.442	ng	90
21) Hexachlorobenzene	16.08	284	1374	0.417	ng	# 82
22) Pentachlorophenol	16.44	266	331	1.060	ng	# 82
23) Phenanthrene	16.81	178	6754	0.509	ng	98
24) Anthracene	16.90	178	5398	0.549	ng	96
26) Fluoranthene	18.84	202	7531	0.589	ng	99
28) Pyrene	19.21	202	7030	0.519	ng	99
30) Benzo(a)anthracene	20.97	228	5830	0.538	ng	96
31) Chrysene	21.01	228	7203	0.507	ng	99
32) Bis(2-ethylhexyl)phthalate	20.92	149	3353	0.555	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.53	276	5685	0.629	ng	# 91
35) Benzo(b)fluoranthene	22.54	252	5176	0.472	ng	# 89
36) Benzo(k)fluoranthene	22.59	252	7306m	0.475	ng	
37) Benzo(a)pyrene	23.12	252	5243	0.525	ng	# 91
38) Dibenzo(a,h)anthracene	25.54	278	4573	0.536	ng	96
39) Benzo(g,h,i)perylene	26.22	276	4502	0.523	ng	# 92

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

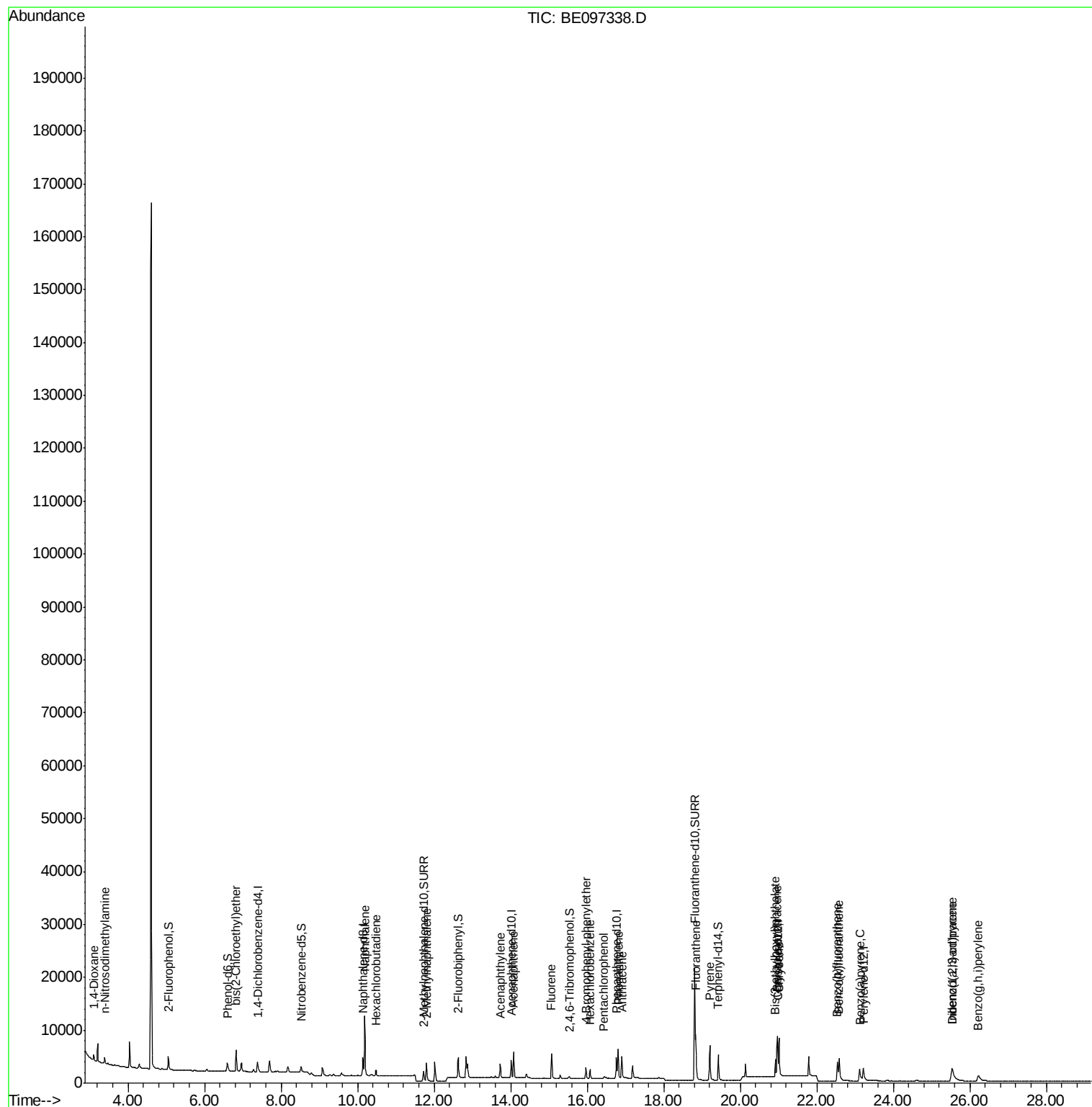
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE082018\
Data File : BE097338.D
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Operator : SJ/JU
Sample : PB112113BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

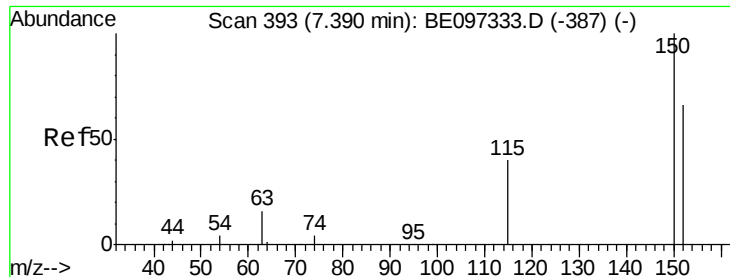
Instrument :
BNA_E
ClientSampleId :
PB112113BS

Quant Time: Aug 21 05:19:24 2018
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#1

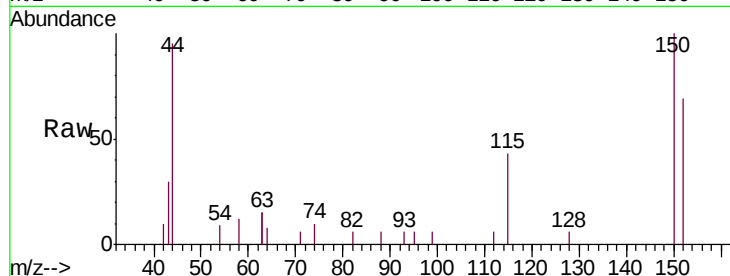
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Instrument :
BNA_E
ClientSampleId :
PB112113BS

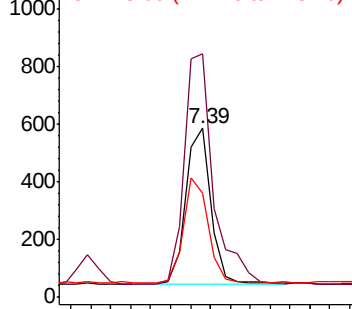
Tgt Ion	Ratio	Lower	Upper
152	100		
150	144.2	117.2	175.8
115	61.4	57.0	85.6

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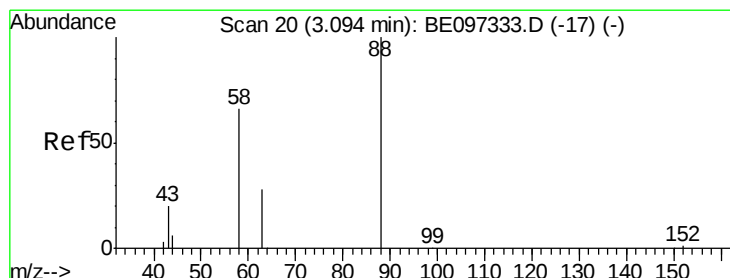
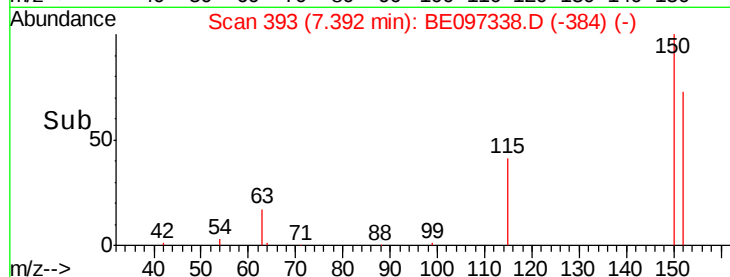
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



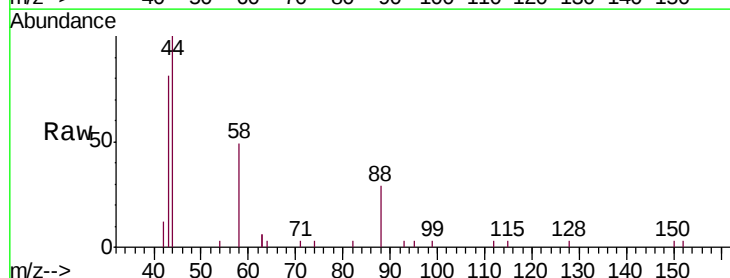
Time-->



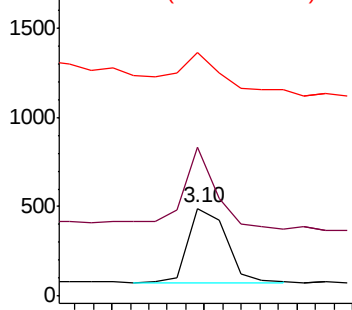
#2

1,4-Dioxane
Concen: 0.423 ng
RT: 3.10 min Scan# 20
Delta R.T. 0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

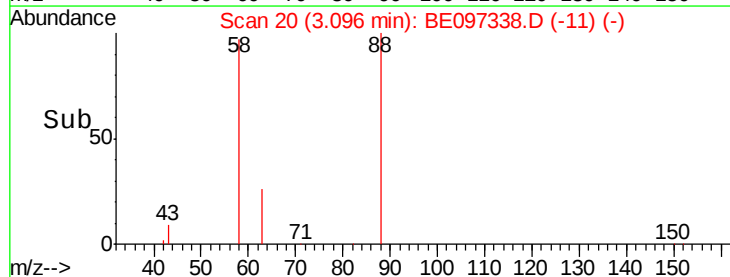
Tgt Ion	Ratio	Lower	Upper
88	100		
58	92.6	63.2	94.8
43	47.2	41.2	61.8

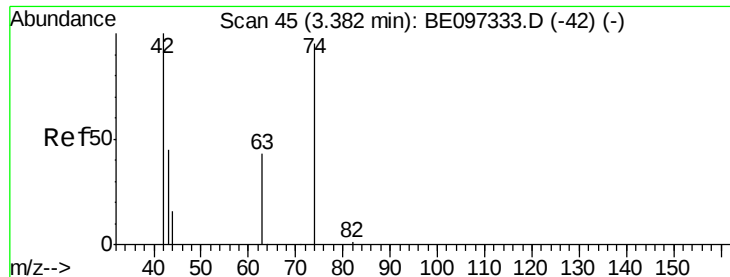


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

n-Nitrosodimethylamine

Concen: 0.574 ng

RT: 3.38 min Scan# 45

Delta R.T. 0.00 min

Lab File: BE097338.D

Acq: 20 Aug 2018 18:50

Instrument :

BNA_E

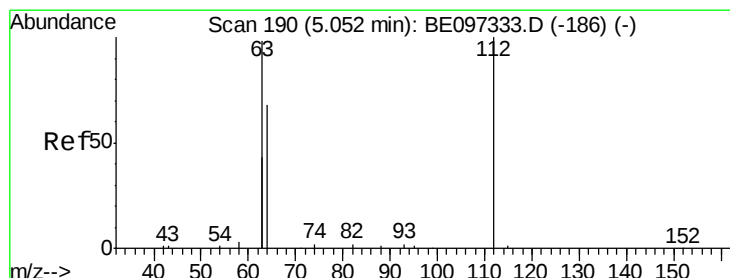
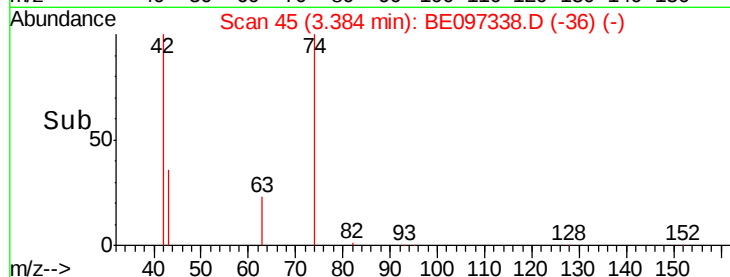
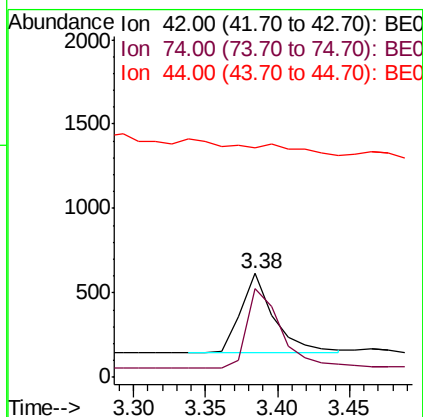
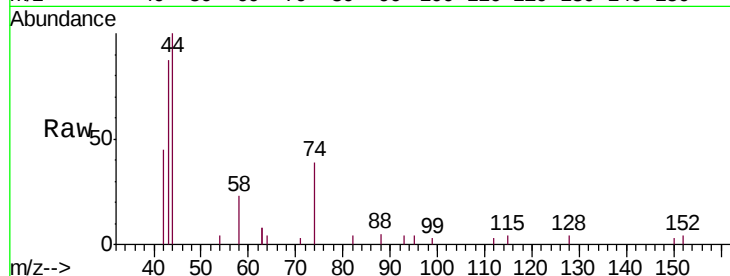
ClientSampleId :

PB112113BS

Tgt Ion:	42	Resp:	748
Ion	Ratio	Lower	Upper
42	100		
74	106.4	96.0	144.0
44	0.0	12.0	18.0#

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#4

2-Fluorophenol

Concen: 0.618 ng

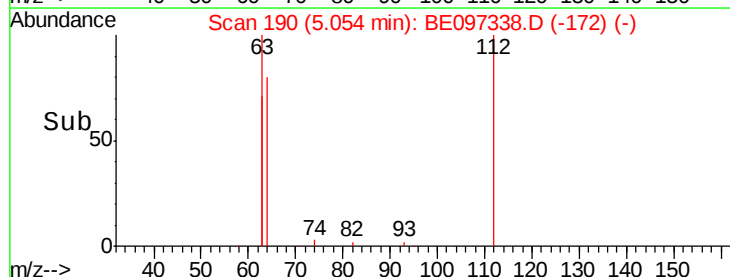
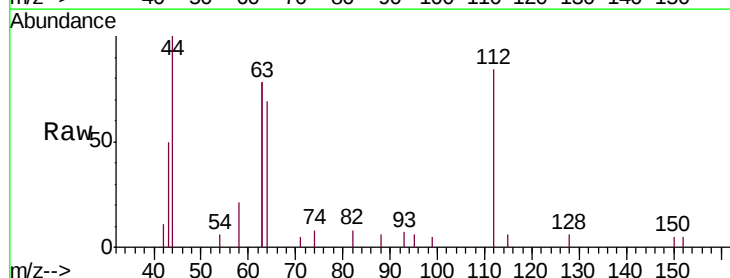
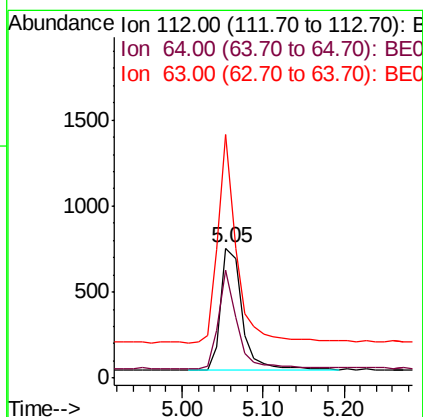
RT: 5.05 min Scan# 190

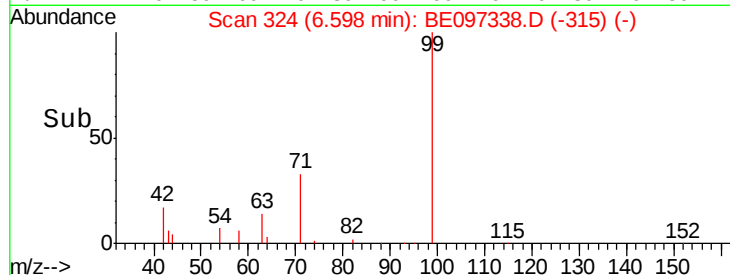
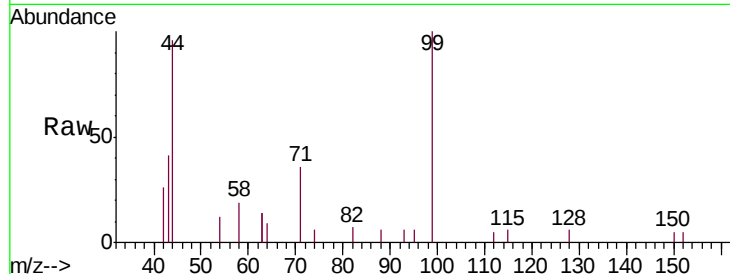
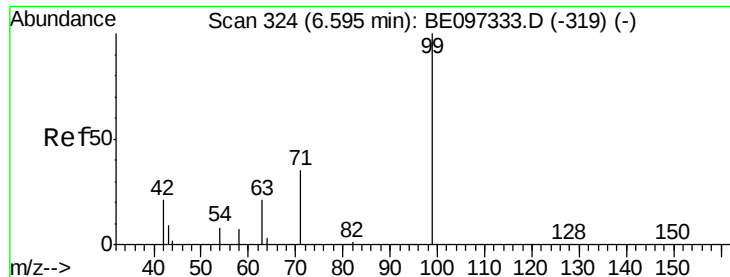
Delta R.T. 0.00 min

Lab File: BE097338.D

Acq: 20 Aug 2018 18:50

Tgt Ion:	112	Resp:	1333
Ion	Ratio	Lower	Upper
112	100		
64	72.5	60.1	90.1
63	146.9	116.8	175.2





#5

Phenol-d6

Concen: 0.497 ng

RT: 6.60 min Scan# 324

Delta R.T. 0.00 min

Lab File: BE097338.D

Acq: 20 Aug 2018 18:50

Tgt Ion:	99	Resp:	1592
Ion	Ratio	Lower	Upper
99	100		
42	23.4	20.2	30.2
71	34.4	28.4	42.6

Instrument :

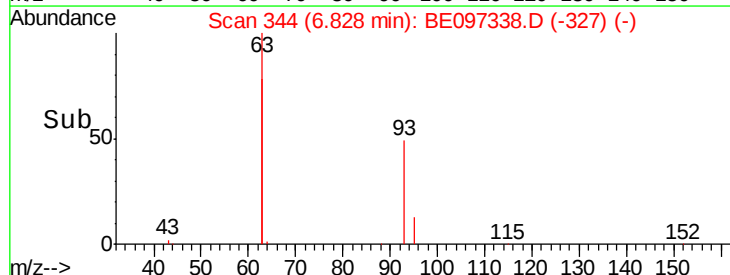
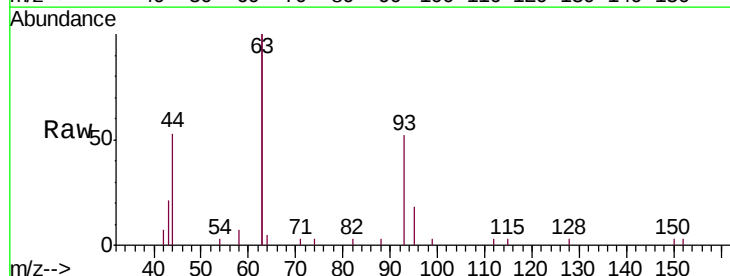
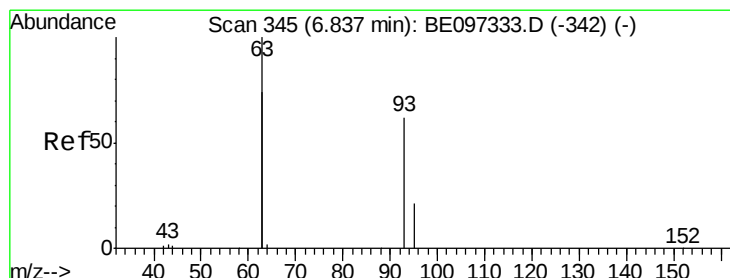
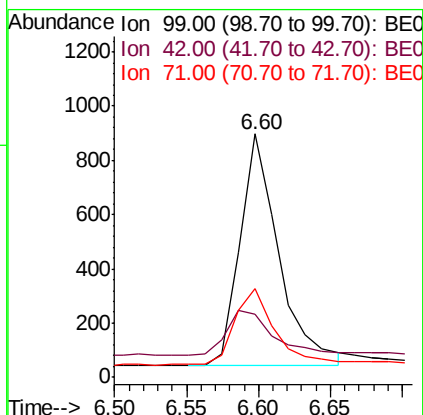
BNA_E

ClientSampleId :

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#6

bis(2-Chloroethyl)ether

Concen: 0.447 ng

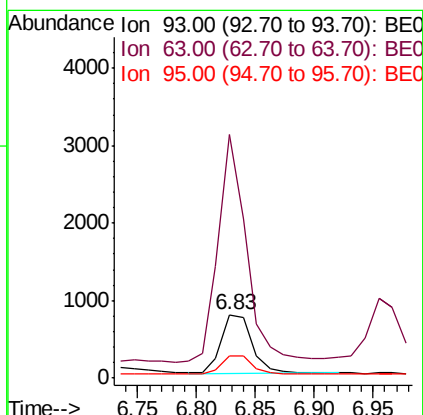
RT: 6.83 min Scan# 344

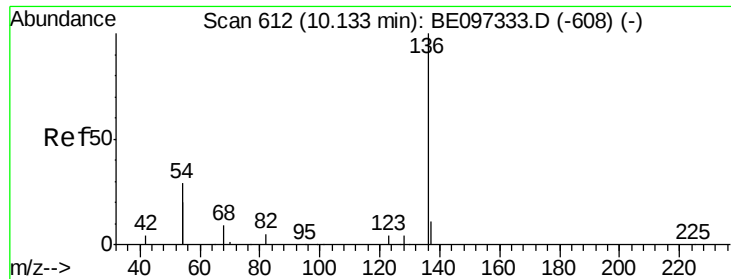
Delta R.T. -0.01 min

Lab File: BE097338.D

Acq: 20 Aug 2018 18:50

Tgt Ion:	93	Resp:	1423
Ion	Ratio	Lower	Upper
93	100		
63	341.6	275.3	412.9
95	31.8	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. -0.00 min

Lab File: BE097338.D

Acq: 20 Aug 2018 18:50

Instrument :

BNA_E

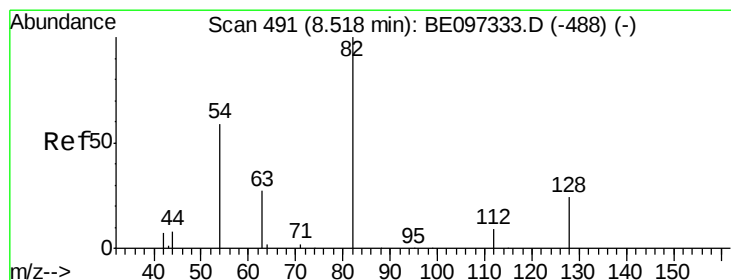
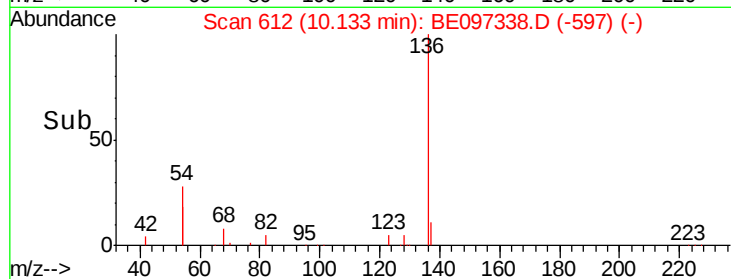
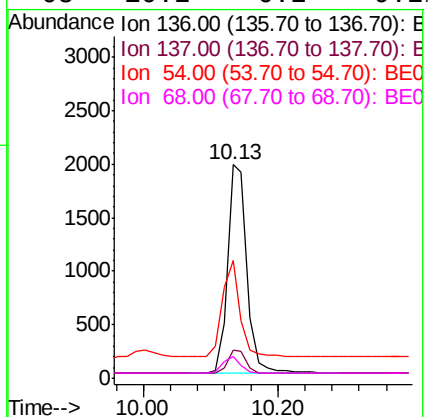
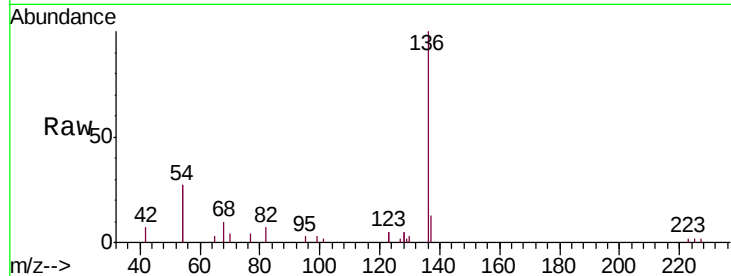
ClientSampleId :

PB112113BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	3998		
137	13.1	9.5	14.3	
54	54.9	29.1	43.7	
68	10.2	6.2	9.2	

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#8

Nitrobenzene-d5

Concen: 0.619 ng

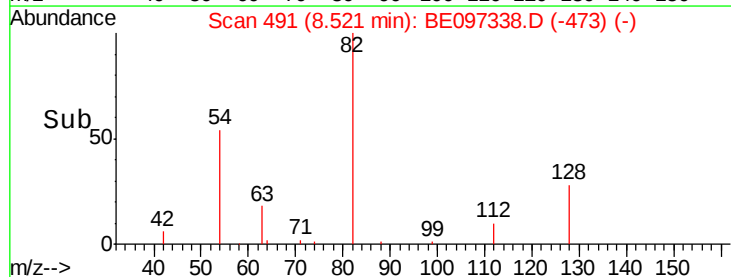
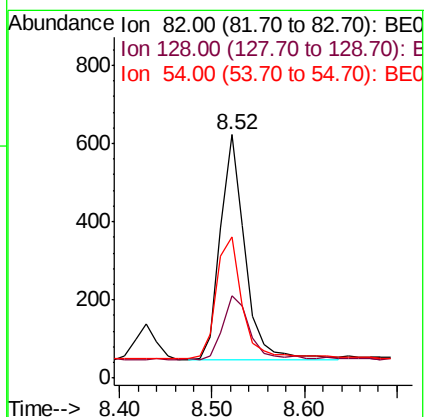
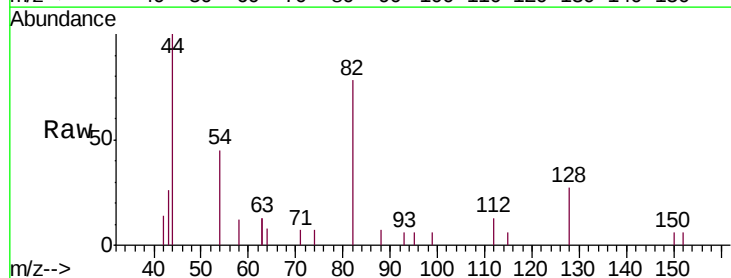
RT: 8.52 min Scan# 491

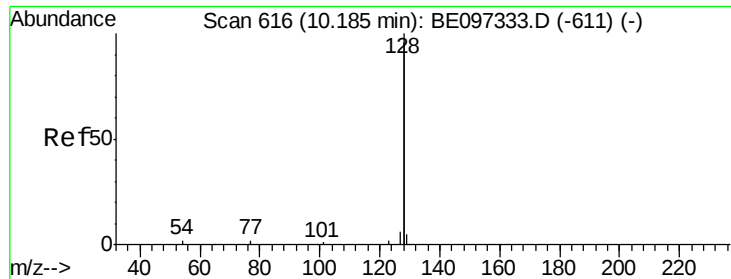
Delta R.T. 0.00 min

Lab File: BE097338.D

Acq: 20 Aug 2018 18:50

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1058		
128	33.9	24.0	36.0	
54	57.9	40.0	60.0	





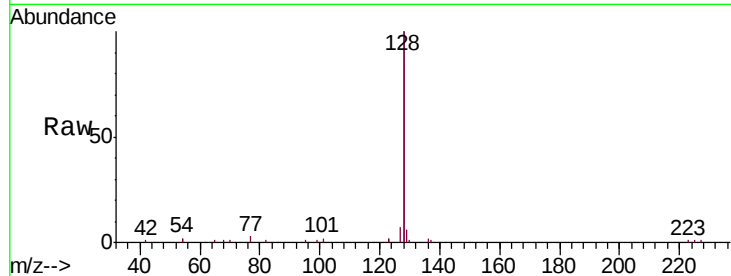
#9
Naphthalene
Concen: 0.504 ng
RT: 10.18 min Scan# 616
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Instrument :
BNA_E
ClientSampleId :
PB112113BS

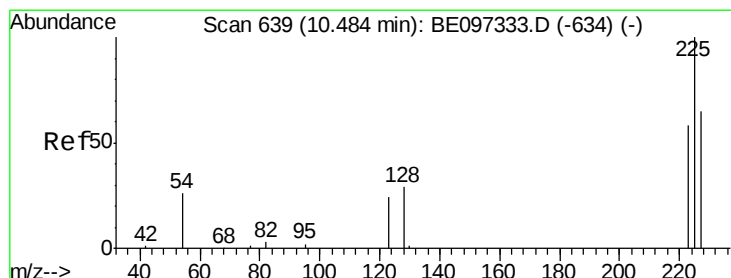
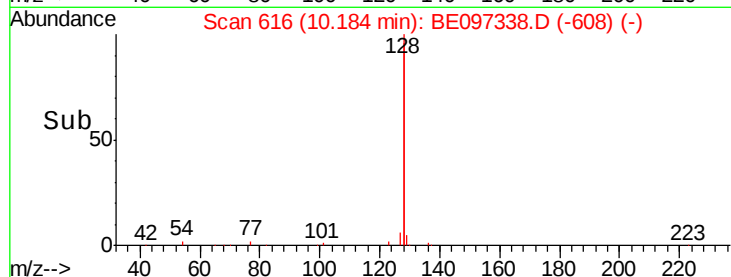
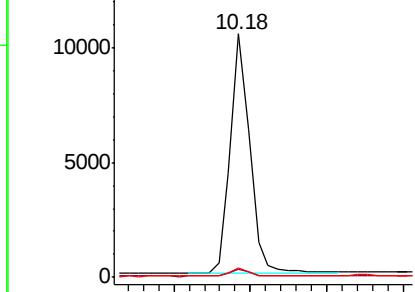
Tgt Ion:	128	Resp:	18486
Ion Ratio	Lower	Upper	
128	100		
129	3.1	2.6	3.8
127	3.6	2.8	4.2

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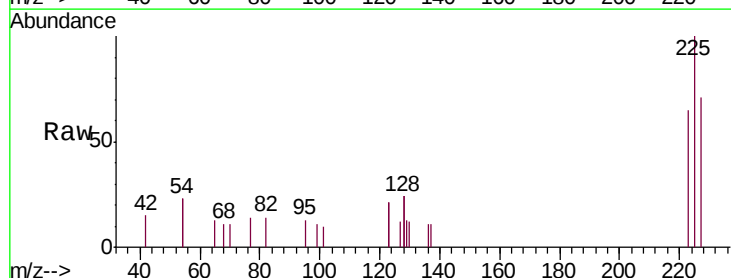


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

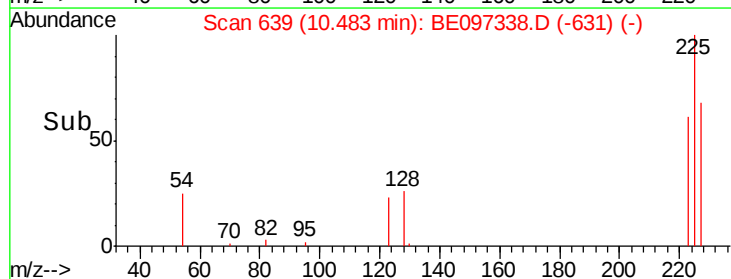
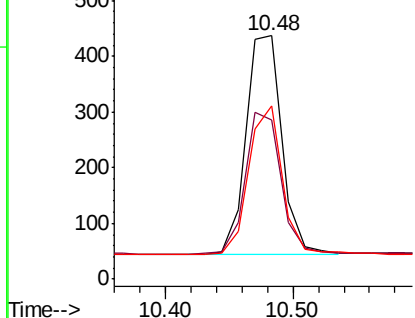


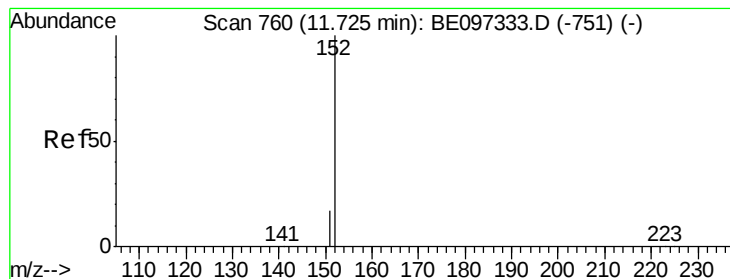
#10
Hexachlorobutadiene
Concen: 0.471 ng
RT: 10.48 min Scan# 639
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Tgt Ion:	225	Resp:	759
Ion Ratio	Lower	Upper	
225	100		
223	65.9	53.0	79.6
227	63.6	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





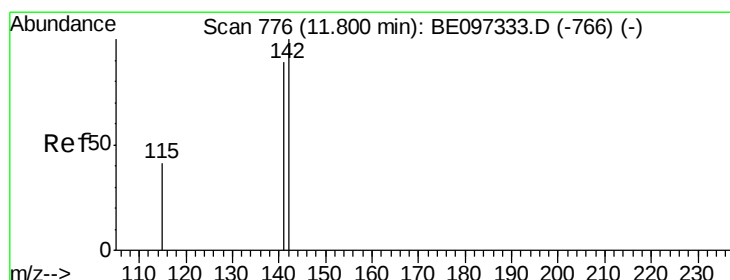
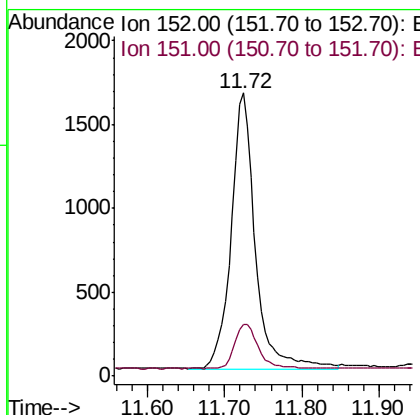
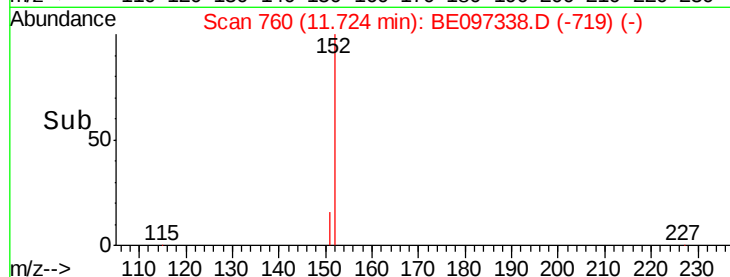
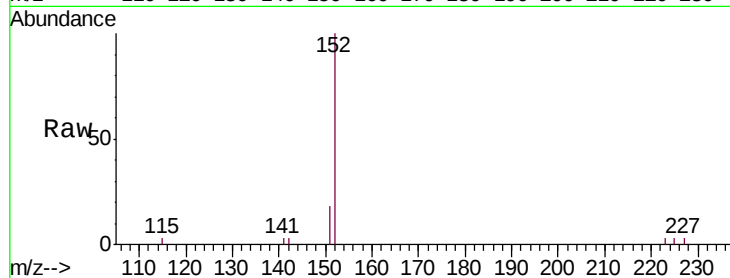
#11
 2-Methylnaphthalene-d10
 Concen: 0.661 ng
 RT: 11.72 min Scan# 760
 Delta R.T. -0.00 min
 Lab File: BE097338.D
 Acq: 20 Aug 2018 18:50

Instrument :
 BNA_E
 ClientSampleId :
 PB112113BS

Tgt Ion	Ratio	Lower	Upper
152	100		
151	16.1	15.4	23.0

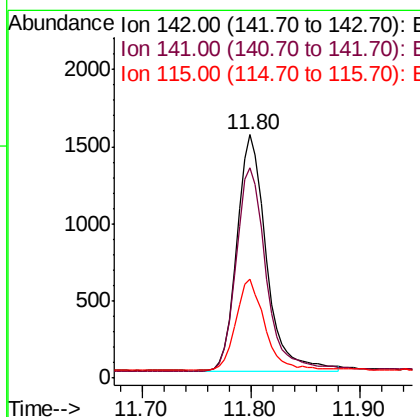
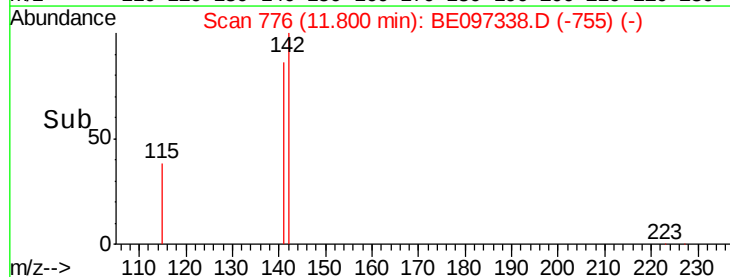
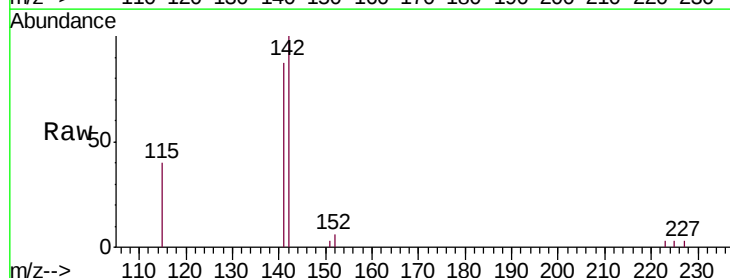
Manual Integrations
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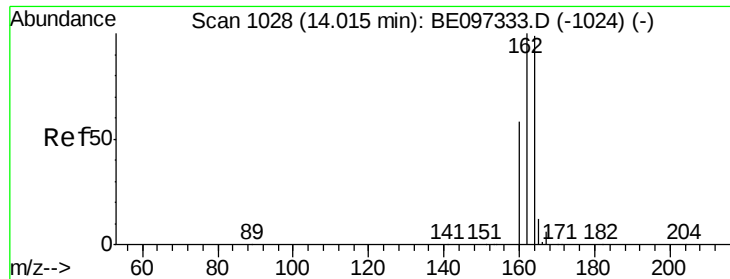
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#12
 2-Methylnaphthalene
 Concen: 0.506 ng
 RT: 11.80 min Scan# 776
 Delta R.T. -0.00 min
 Lab File: BE097338.D
 Acq: 20 Aug 2018 18:50

Tgt Ion	Ratio	Lower	Upper
142	100		
141	86.6	70.4	105.6
115	40.4	31.7	47.5





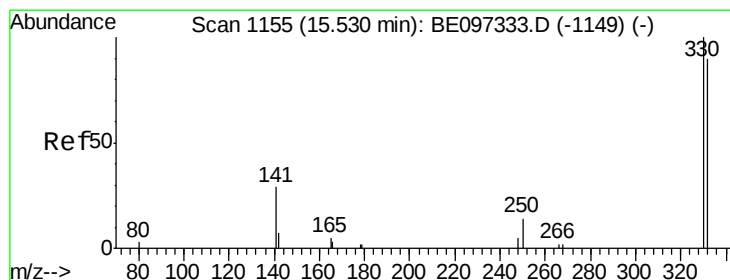
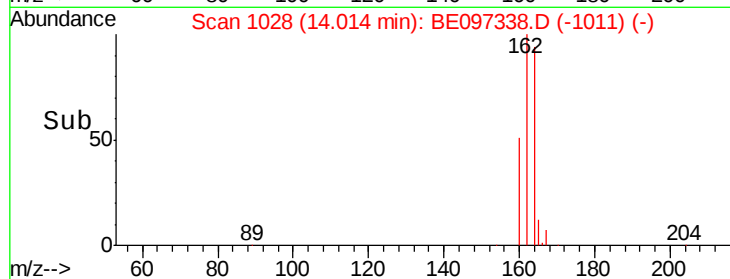
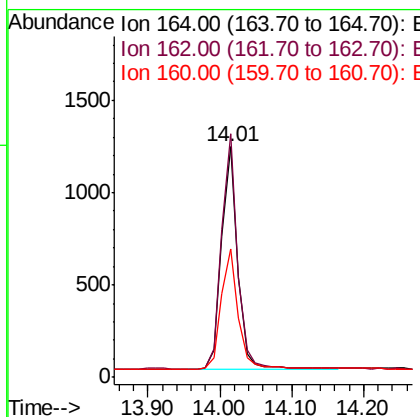
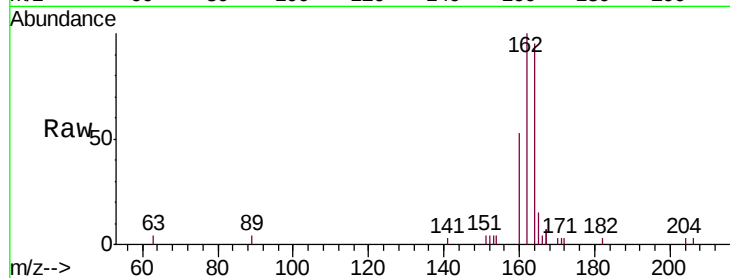
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Instrument :
BNA_E
ClientSampleId :
PB112113BS

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	83.1	124.7
160	56.0	37.1	55.7

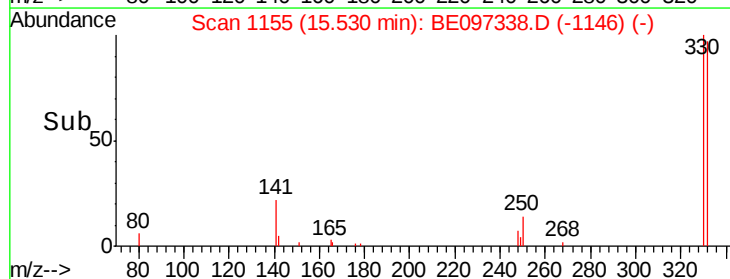
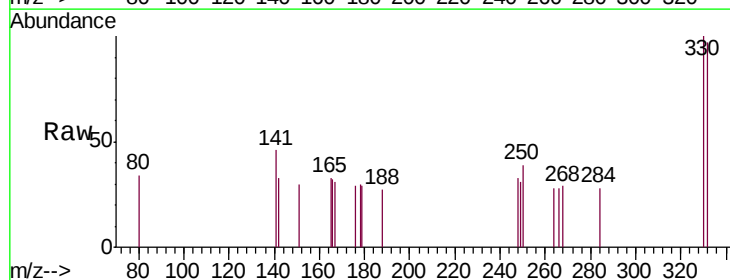
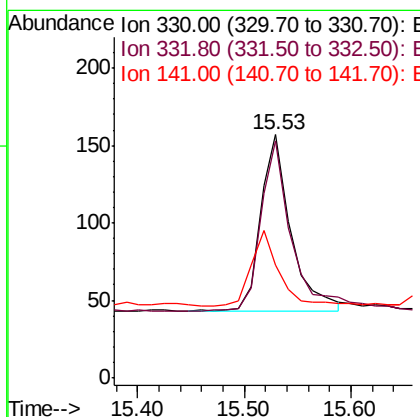
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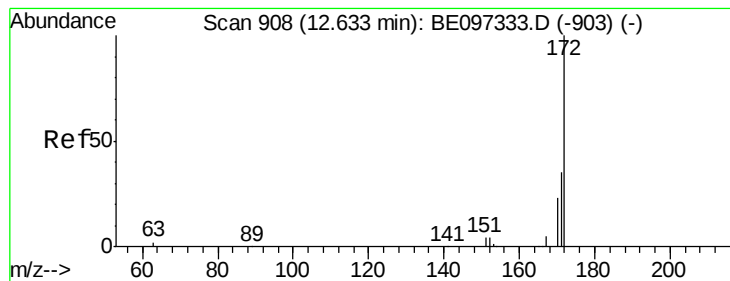
Sohil
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#14
2,4,6-Tribromophenol
Concen: 0.611 ng
RT: 15.53 min Scan# 1155
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	152.7	229.1
141	40.5	33.7	50.5





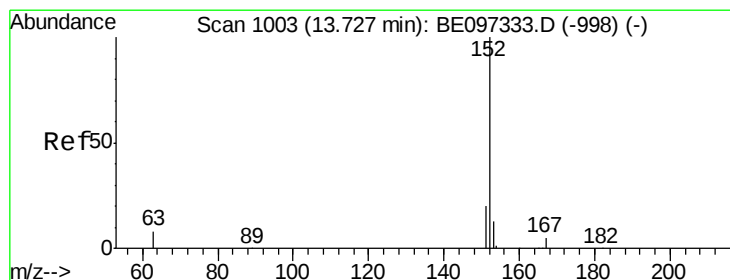
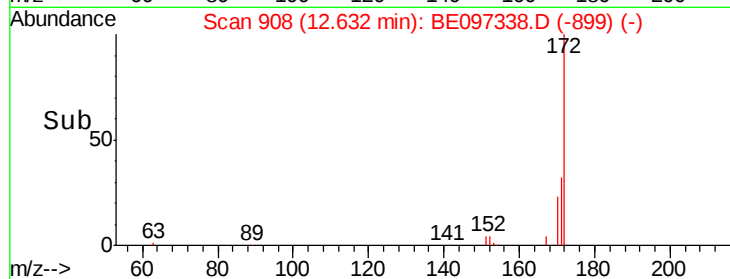
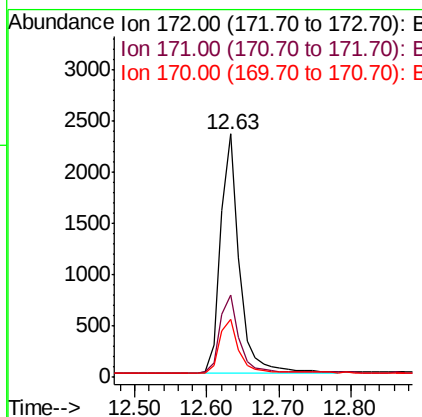
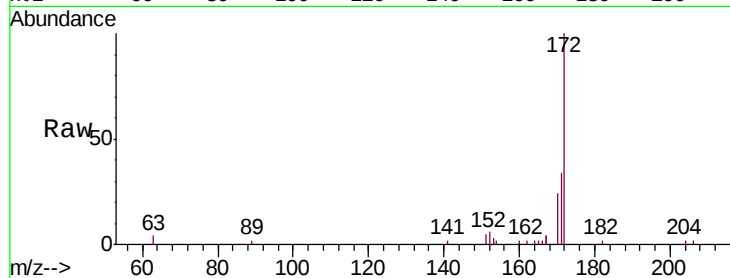
#15
2-Fluorobiphenyl
Concen: 0.547 ng
RT: 12.63 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Instrument :
BNA_E
ClientSampleId :
PB112113BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	29.9	44.9
170	24.1	21.8	32.8

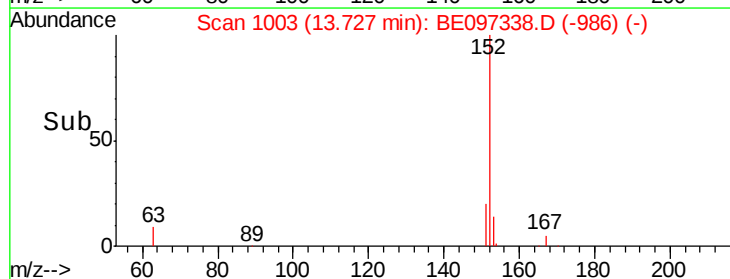
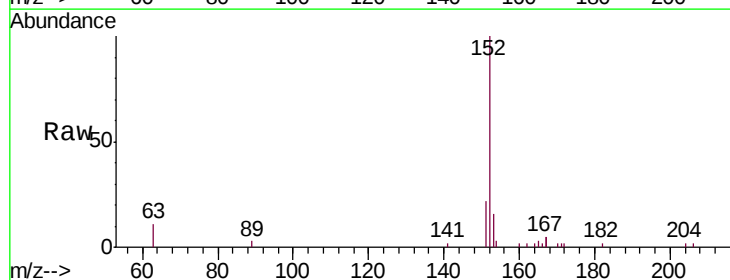
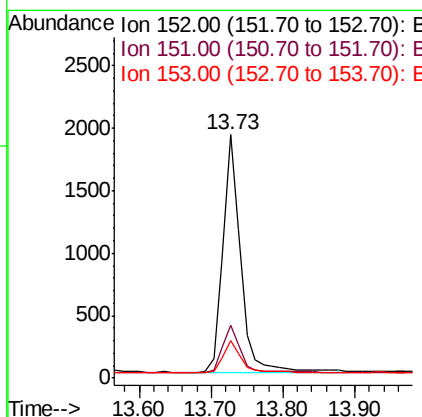
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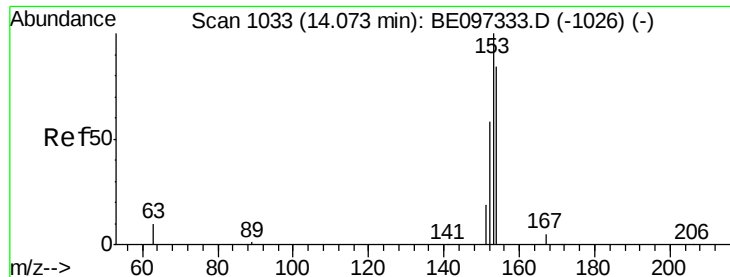
Sohil
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#16
Acenaphthylene
Concen: 0.455 ng
RT: 13.73 min Scan# 1003
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.7	23.5
153	13.1	10.5	15.7





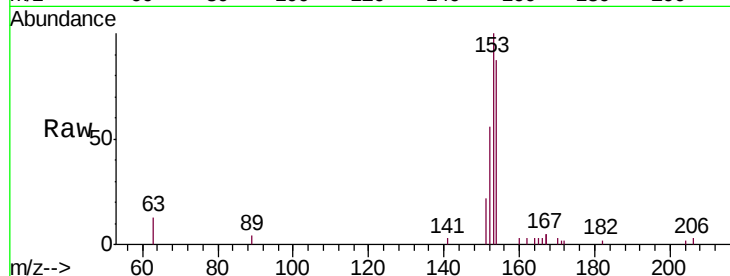
#17
Acenaphthene
Concen: 0.483 ng
RT: 14.07 min Scan# 1033
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Instrument :
BNA_E
ClientSampleId :
PB112113BS

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.6	89.2	133.8
152	63.5	42.0	63.0

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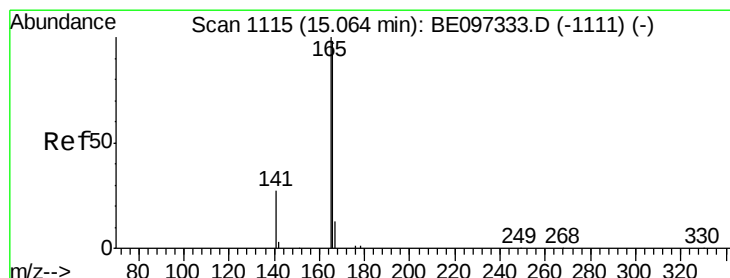
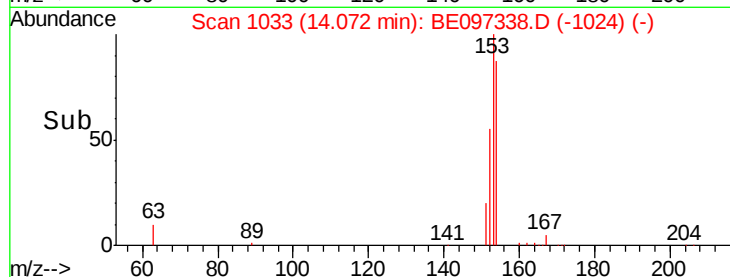
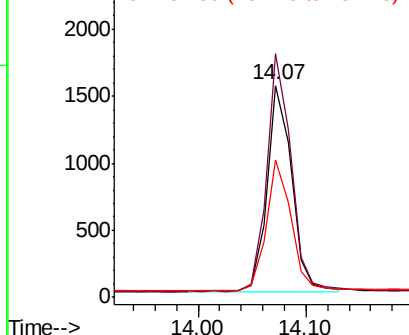


Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#18
Fluorene
Concen: 0.539 ng
RT: 15.06 min Scan# 1115
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

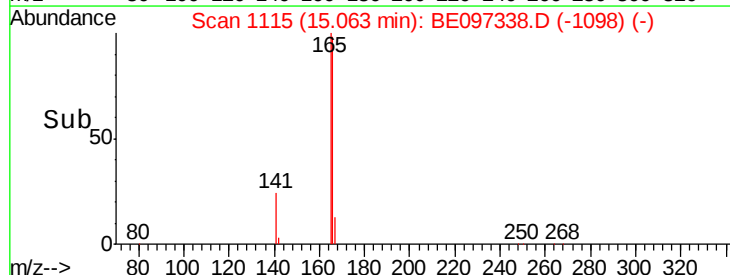
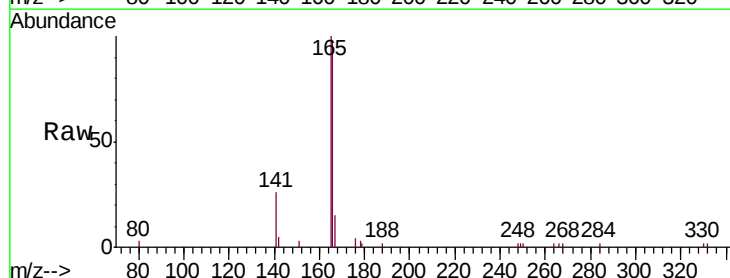
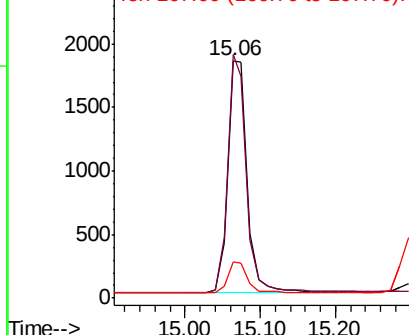
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.6
167	12.9	42.4	63.6

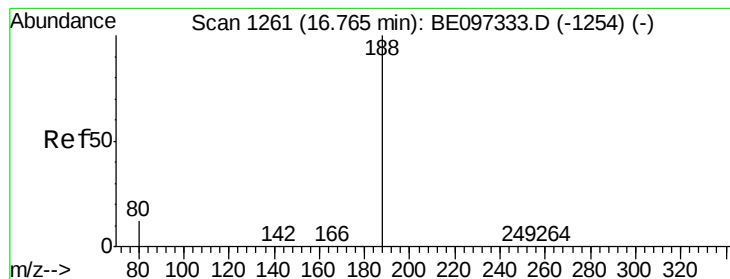
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BE097338.D

Acq: 20 Aug 2018 18:50

Instrument :

BNA_E

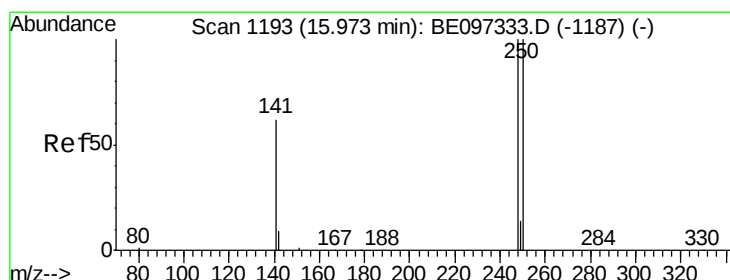
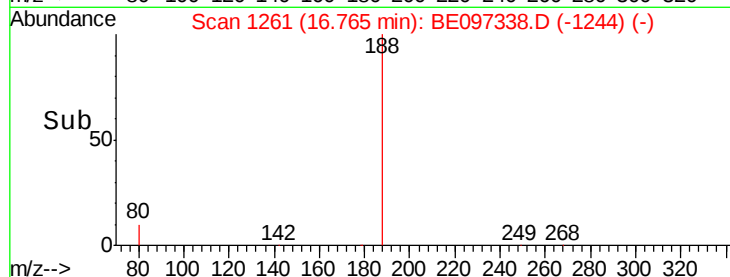
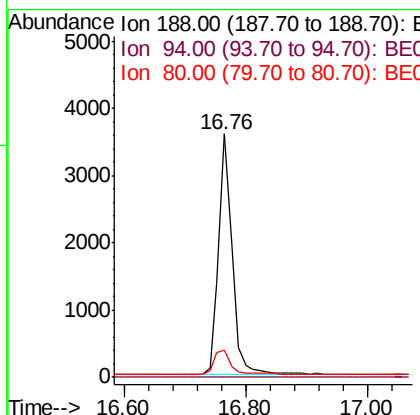
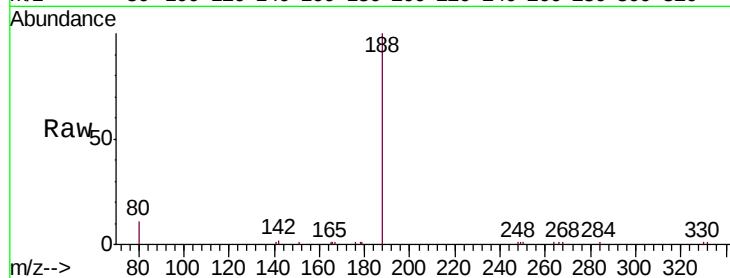
ClientSampleId :

PB112113BS

Tgt Ion:	188	Resp:	5444
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	11.5	3.6	5.4#

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#20

4-Bromophenyl-phenylether

Concen: 0.442 ng

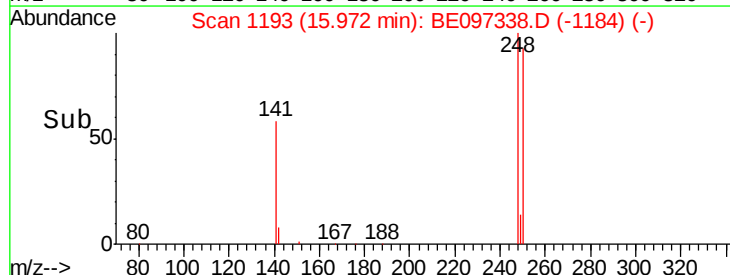
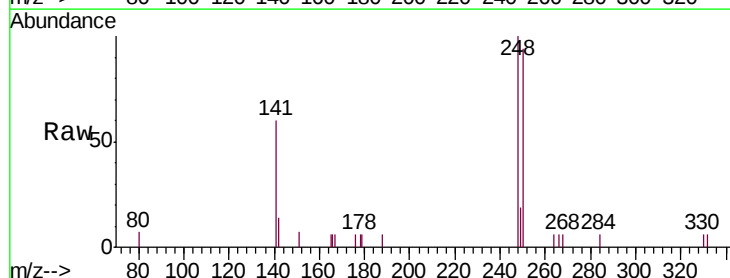
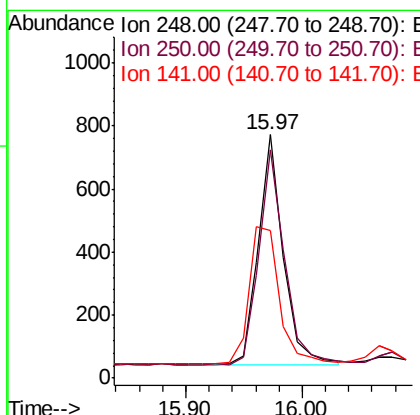
RT: 15.97 min Scan# 1193

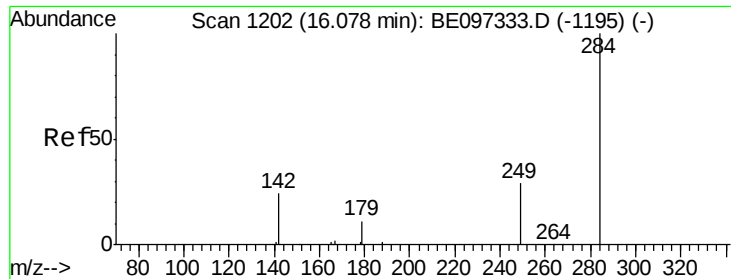
Delta R.T. -0.00 min

Lab File: BE097338.D

Acq: 20 Aug 2018 18:50

Tgt Ion:	248	Resp:	1087
Ion Ratio	Lower	Upper	
248	100		
250	93.7	62.7	94.1
141	60.5	48.2	72.2





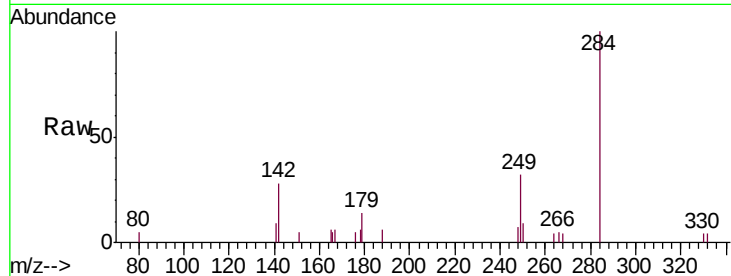
#21
Hexachlorobenzene
Concen: 0.417 ng
RT: 16.08 min Scan# 1202
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Instrument :
BNA_E
ClientSampled :
PB112113BS

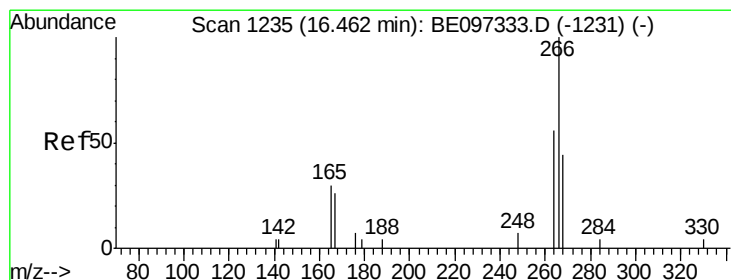
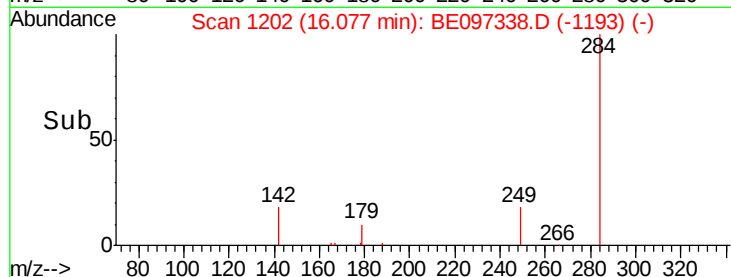
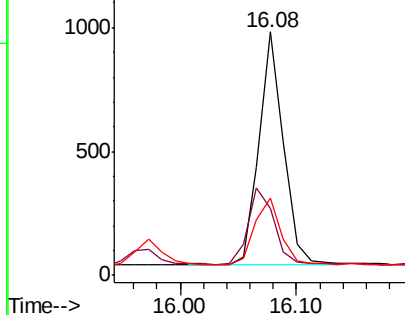
Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.8	22.1	33.1#
249	30.1	34.8	52.2#

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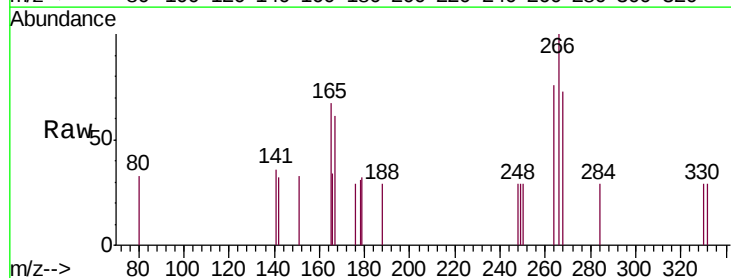


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

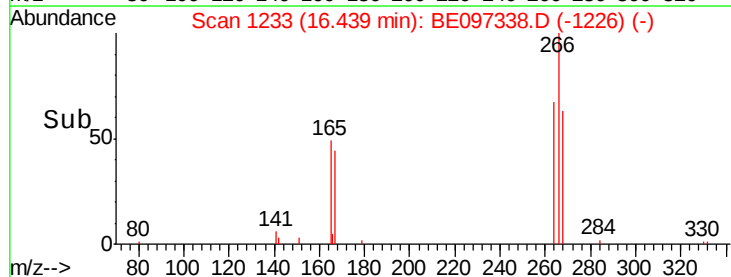
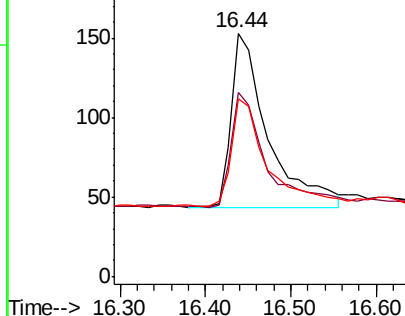


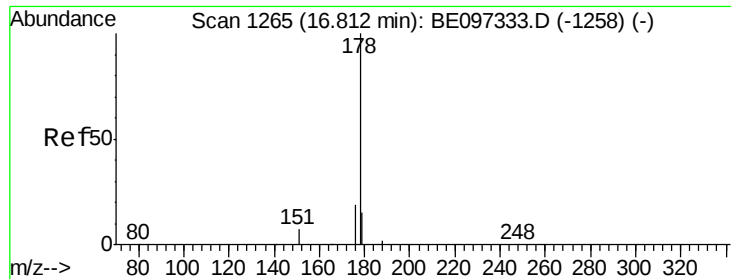
#22
Pentachlorophenol
Concen: 1.060 ng
RT: 16.44 min Scan# 1233
Delta R.T. -0.02 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Tgt Ion	Ratio	Lower	Upper
266	100		
264	75.8	72.5	108.7
268	73.2	73.8	110.6#



Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





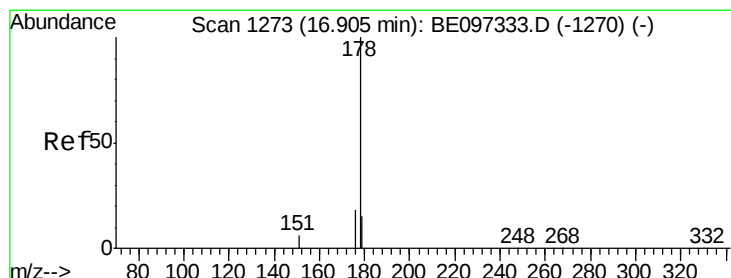
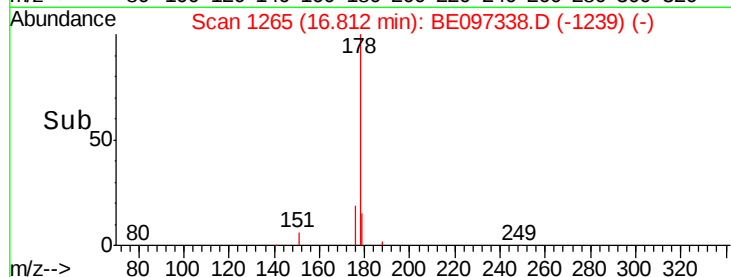
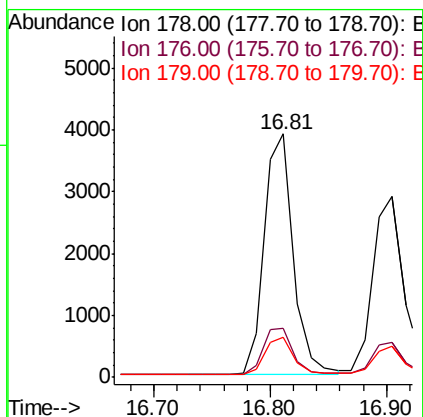
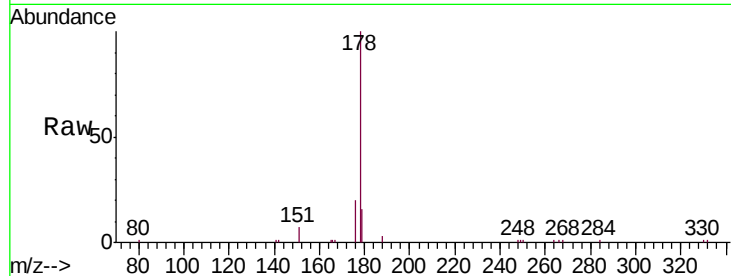
#23
Phenanthrene
Concen: 0.509 ng
RT: 16.81 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Instrument :
BNA_E
ClientSampleId :
PB112113BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.1	22.7
179	15.3	11.8	17.6

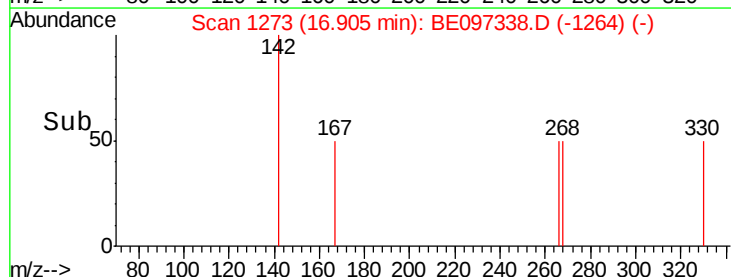
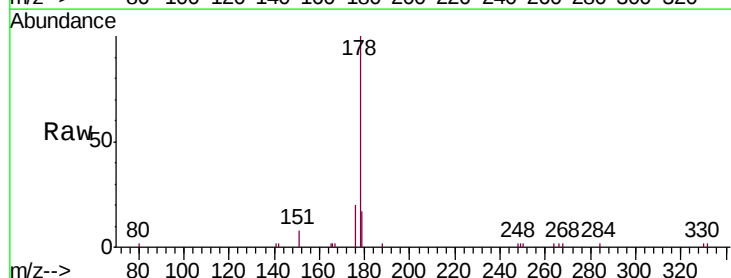
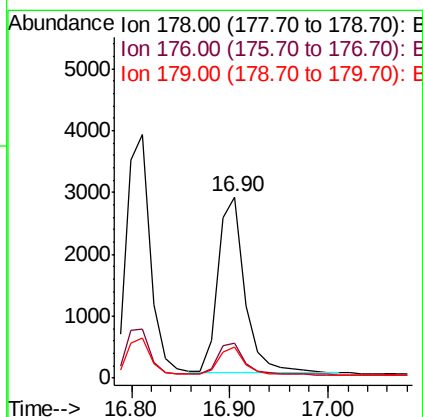
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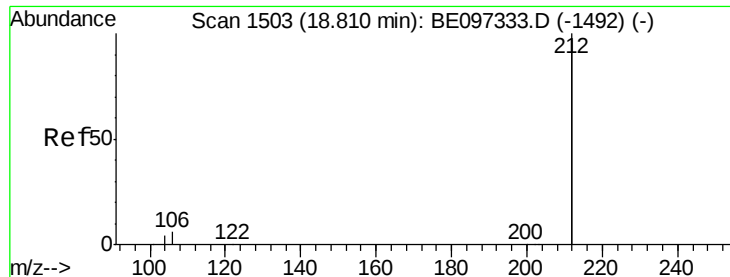
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#24
Anthracene
Concen: 0.549 ng
RT: 16.90 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	12.8	19.2
179	15.4	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.631 ng

RT: 18.81 min Scan# 1503

Delta R.T. -0.00 min

Lab File: BE097338.D

Acq: 20 Aug 2018 18:50

Instrument :

BNA_E

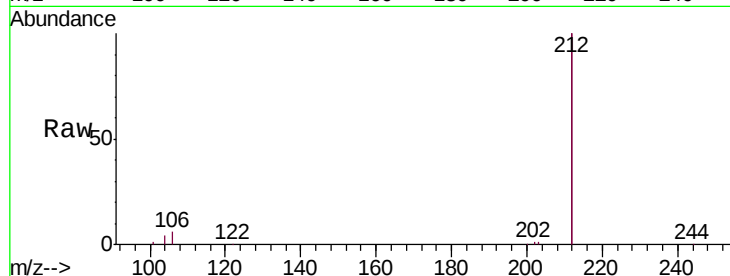
ClientSampled :

PB112113BS

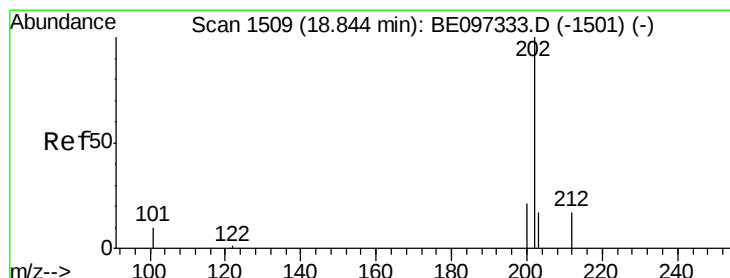
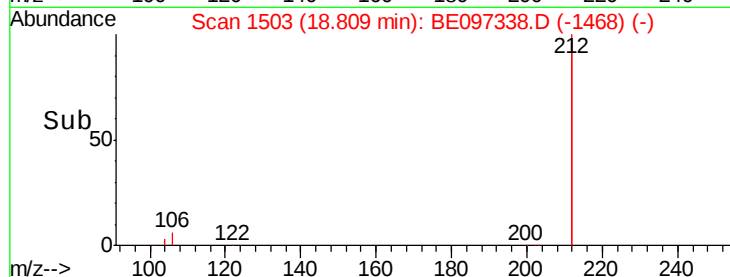
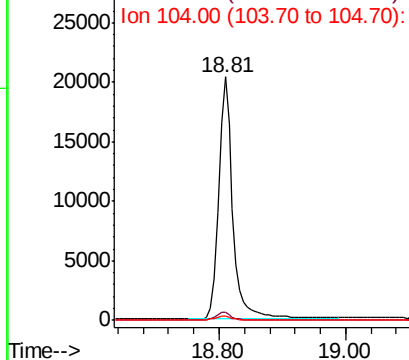
Tgt Ion:	212	Resp:	30640
Ion Ratio	Lower	Upper	
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.589 ng

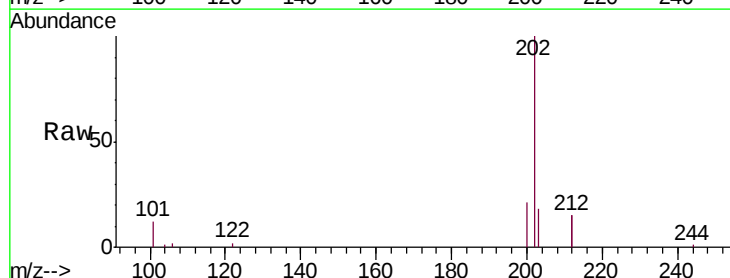
RT: 18.84 min Scan# 1508

Delta R.T. -0.01 min

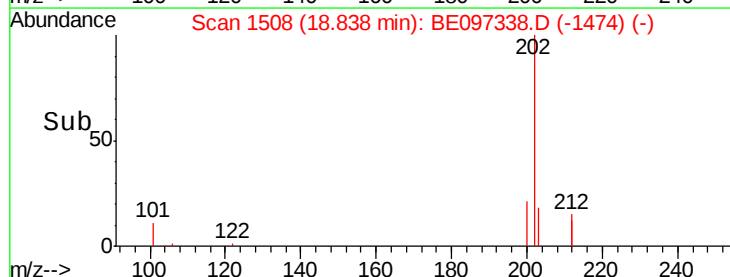
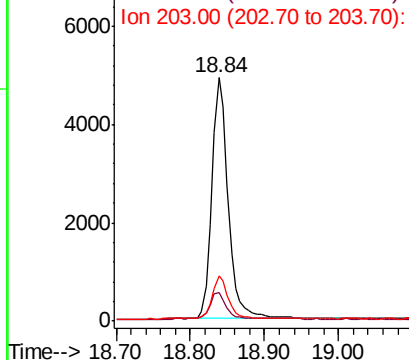
Lab File: BE097338.D

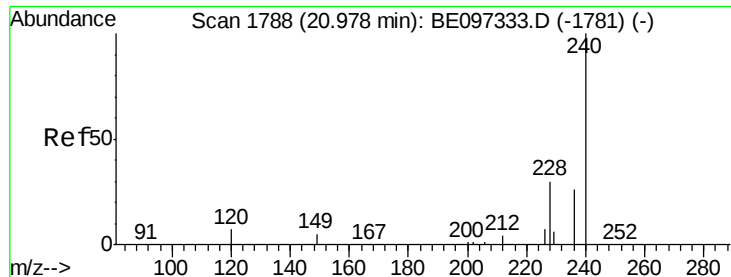
Acq: 20 Aug 2018 18:50

Tgt Ion:	202	Resp:	7531
Ion Ratio	Lower	Upper	
202	100		
101	11.1	9.8	14.8
203	17.1	13.7	20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





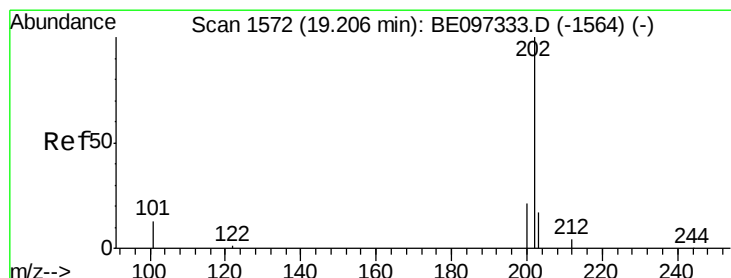
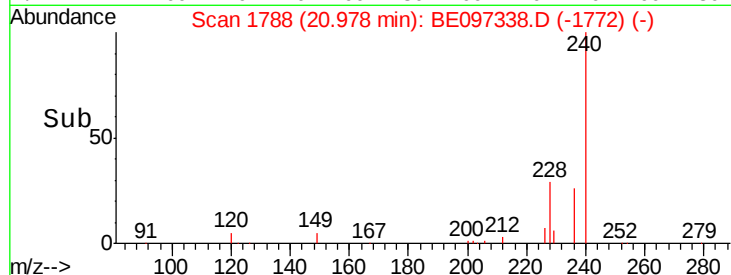
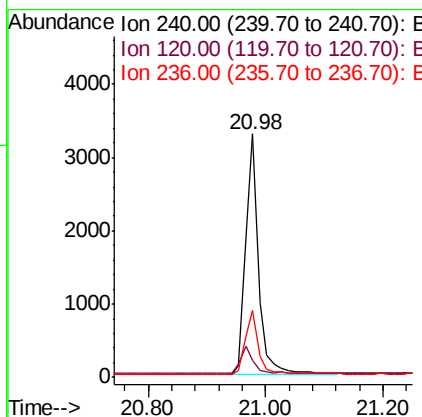
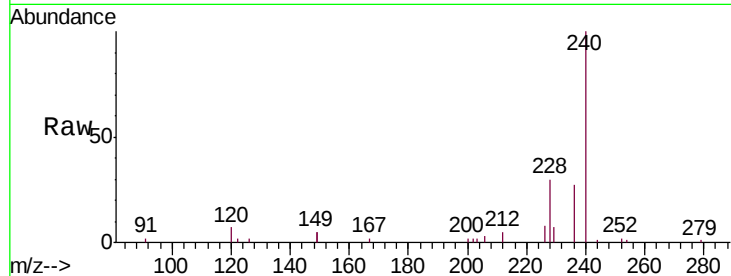
#27
Chrysene-d12
Concen: 0.400 ng
RT: 20.98 min Scan# 1788
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Instrument :
BNA_E
ClientSampleId :
PB112113BS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.5	8.3
236	27.5	20.7	31.1

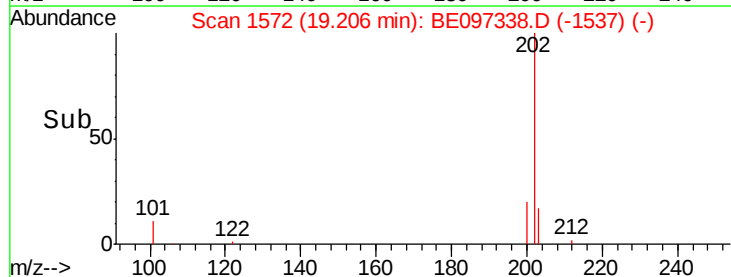
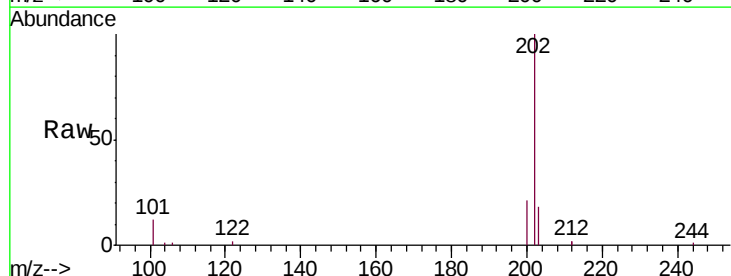
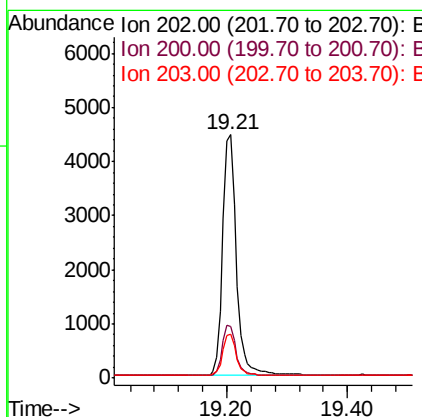
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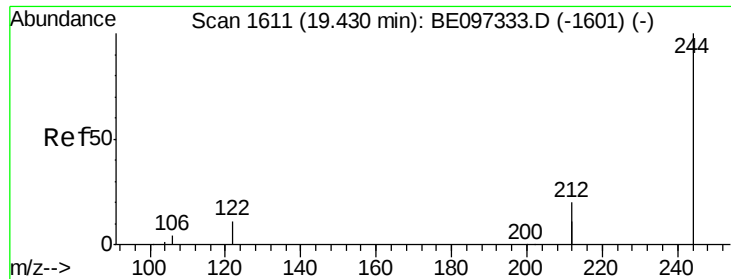
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#28
Pyrene
Concen: 0.519 ng
RT: 19.21 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.6	25.0
203	17.7	13.8	20.8





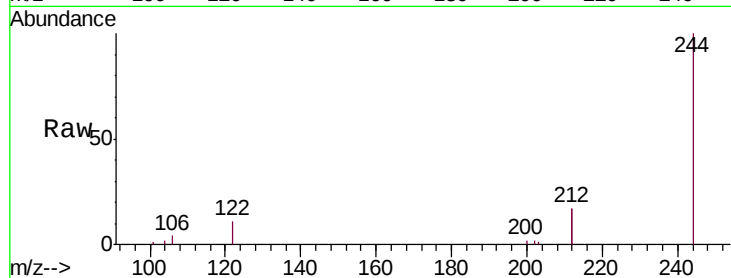
#29
 Terphenyl-d14
 Concen: 0.499 ng
 RT: 19.43 min Scan# 1611
 Delta R.T. -0.00 min
 Lab File: BE097338.D
 Acq: 20 Aug 2018 18:50

Instrument :
 BNA_E
 ClientSampleId :
 PB112113BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	34.1	25.4	38.0
122	10.9	8.1	12.1

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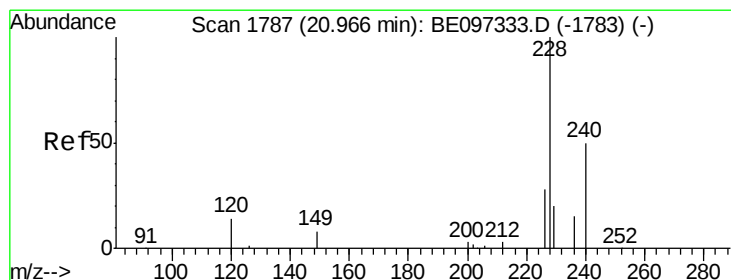
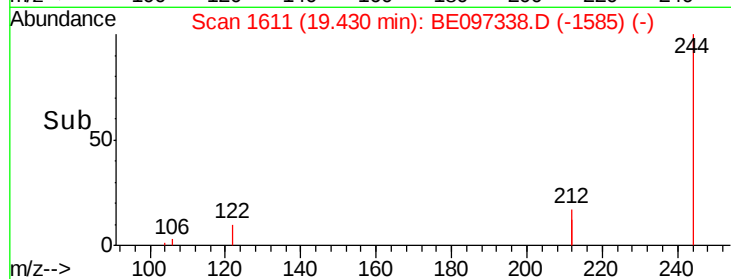
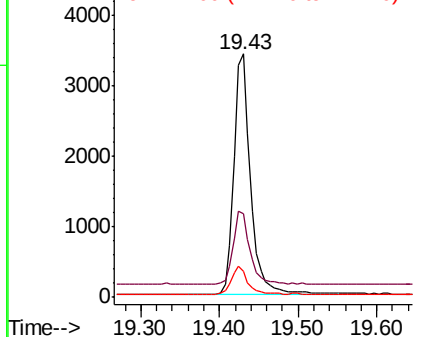


Abundance

Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30
 Benzo(a)anthracene
 Concen: 0.538 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. -0.00 min
 Lab File: BE097338.D
 Acq: 20 Aug 2018 18:50

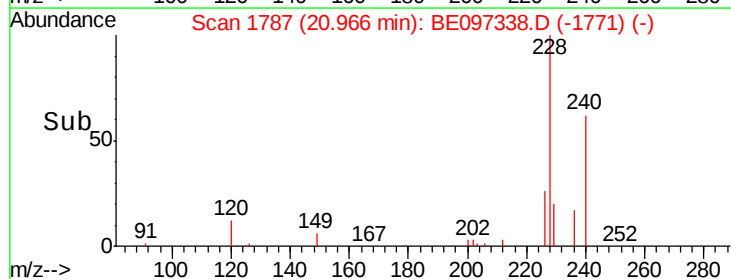
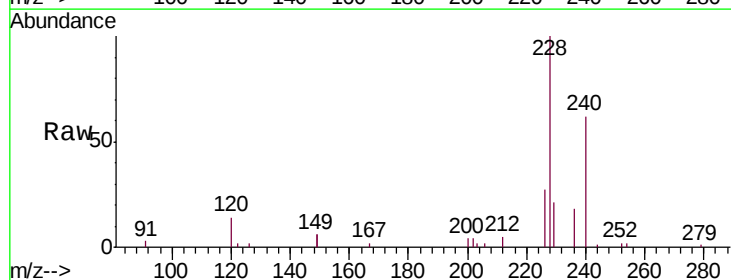
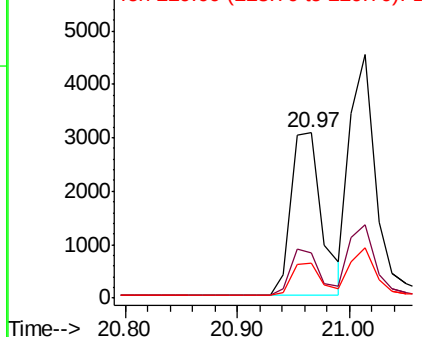
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	24.0	36.0
229	21.3	16.0	24.0

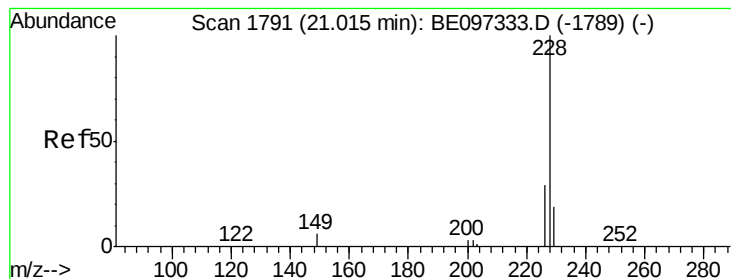
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





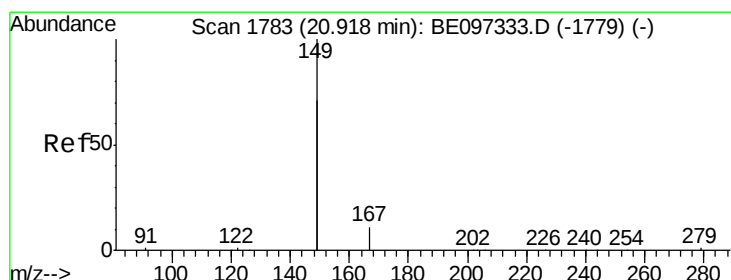
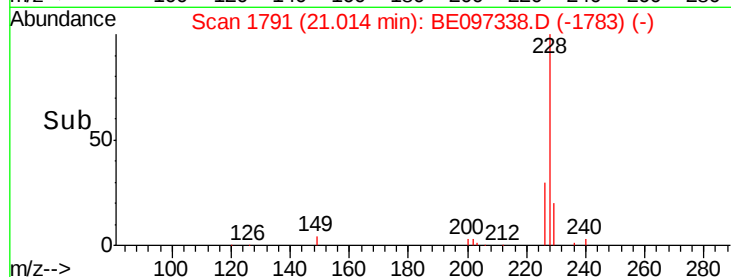
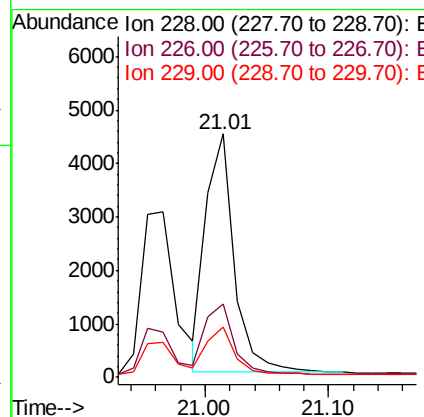
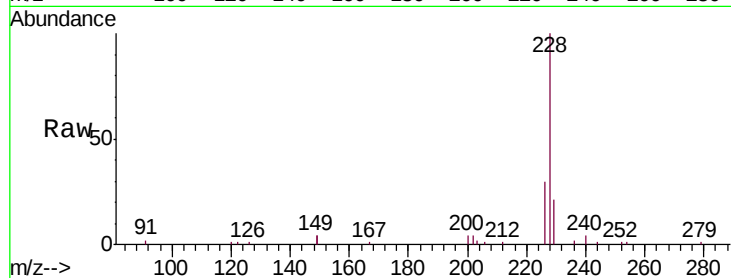
#31
 Chrysene
 Concen: 0.507 ng
 RT: 21.01 min Scan# 1791
 Delta R.T. -0.00 min
 Lab File: BE097338.D
 Acq: 20 Aug 2018 18:50

Instrument :
 BNA_E
 ClientSampleId :
 PB112113BS

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.0	36.0
229	20.8	16.0	24.0

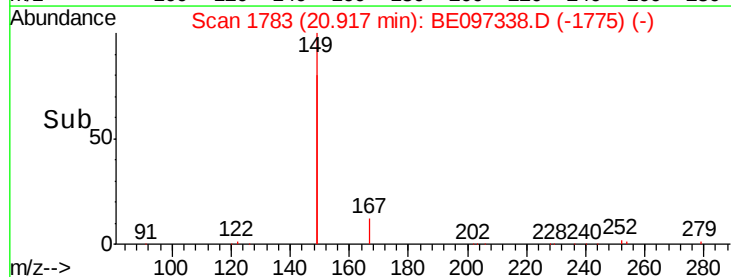
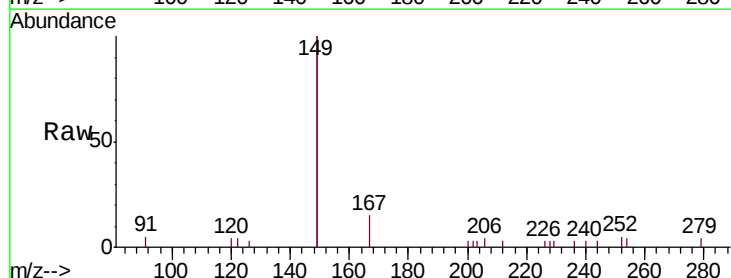
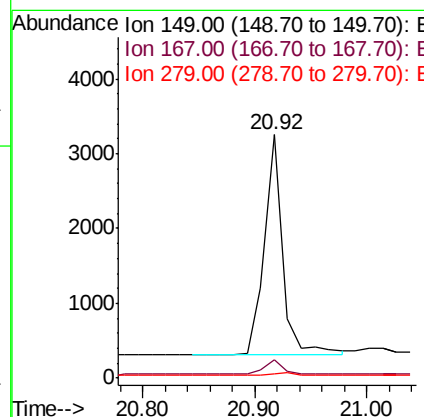
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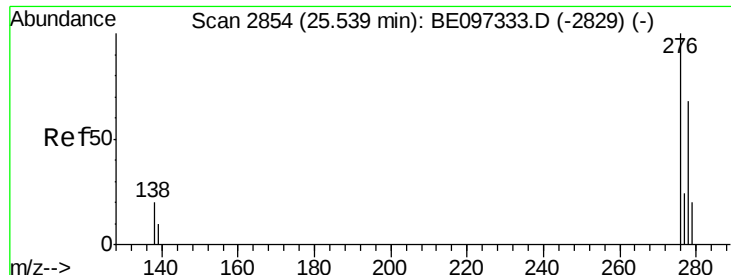
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#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.555 ng
 RT: 20.92 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: BE097338.D
 Acq: 20 Aug 2018 18:50

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	1.1	0.7	1.1#





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.629 ng

RT: 25.53 min Scan# 2851

Delta R.T. -0.01 min

Lab File: BE097338.D

Acq: 20 Aug 2018 18:50

Instrument :

BNA_E

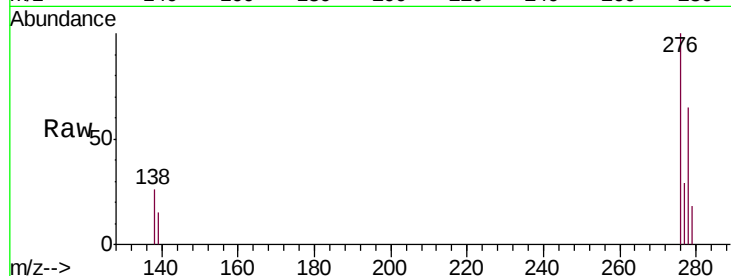
ClientSampleId :

PB112113BS

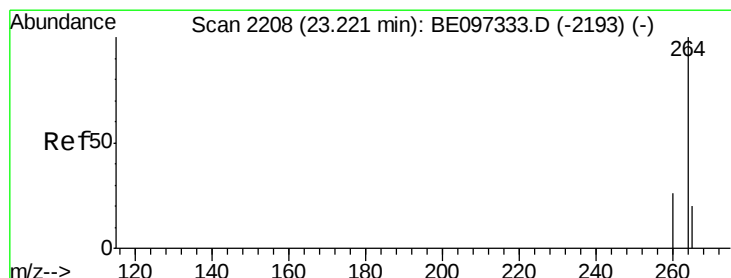
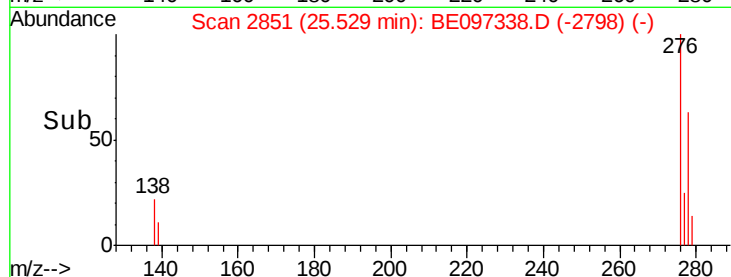
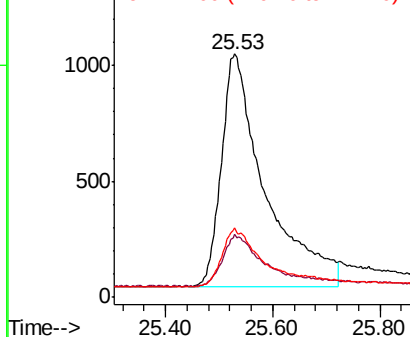
Tgt Ion:	276	Resp:	5685
Ion Ratio	Lower	Upper	
276	100		
138	21.1	22.5	33.7#
277	22.7	19.9	29.9

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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



#34

Perylene-d12

Concen: 0.400 ng

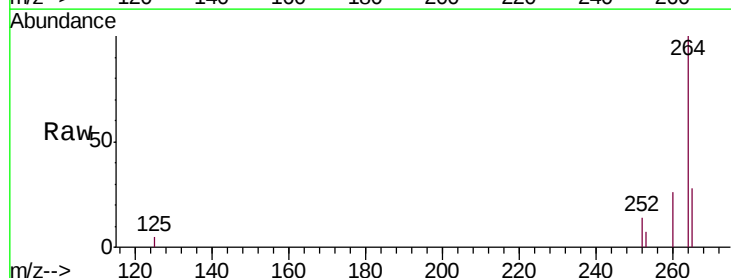
RT: 23.21 min Scan# 2206

Delta R.T. -0.01 min

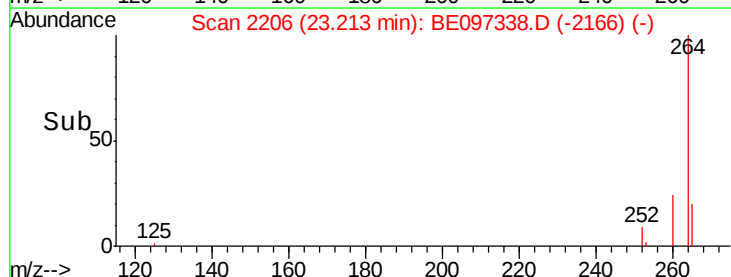
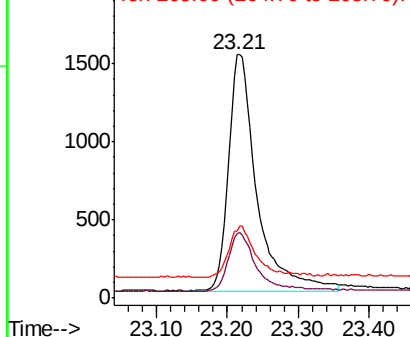
Lab File: BE097338.D

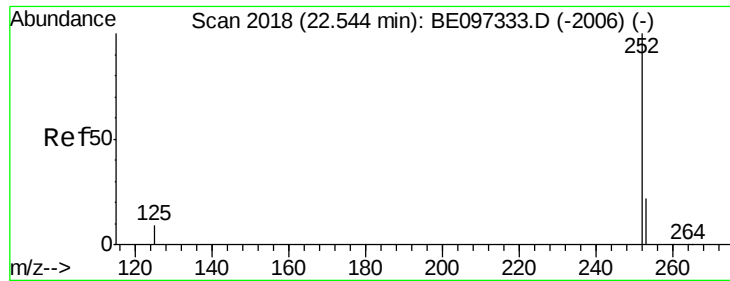
Acq: 20 Aug 2018 18:50

Tgt Ion:	264	Resp:	4160
Ion Ratio	Lower	Upper	
264	100		
260	26.5	20.5	30.7
265	27.6	22.8	34.2



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#35

Benzo(b)fluoranthene

Concen: 0.472 ng

RT: 22.54 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BE097338.D

Acq: 20 Aug 2018 18:50

Instrument :

BNA_E

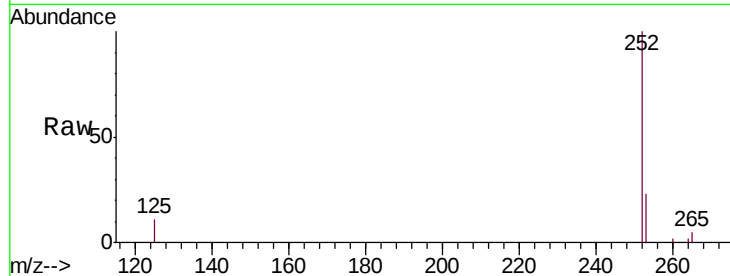
ClientSampleId :

PB112113BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.0	30.0
125	10.7	16.0	24.0#

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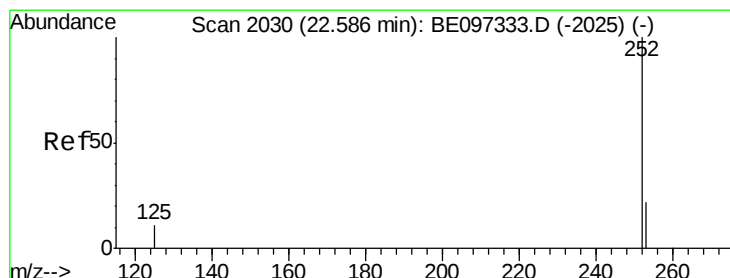
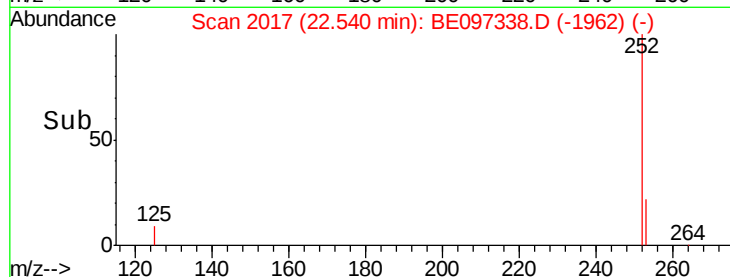
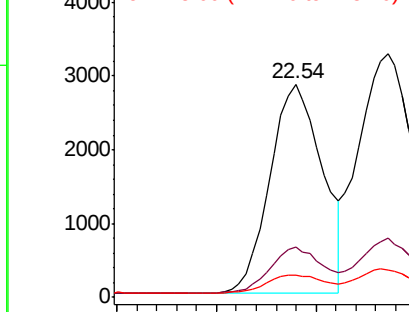


Abundance

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



#36

Benzo(k)fluoranthene

Concen: 0.475 ng m

RT: 22.59 min Scan# 2030

Delta R.T. -0.00 min

Lab File: BE097338.D

Acq: 20 Aug 2018 18:50

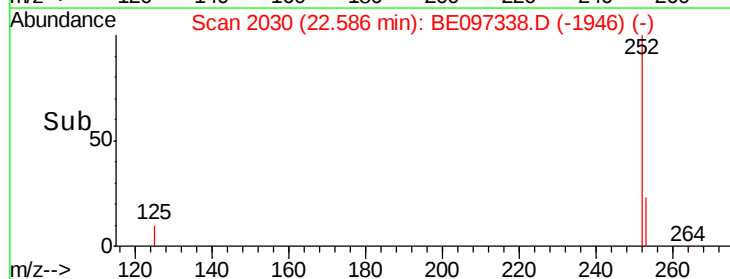
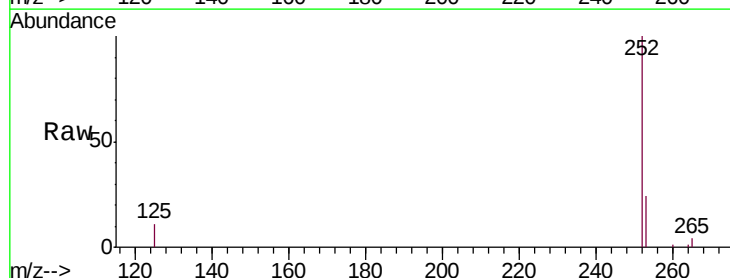
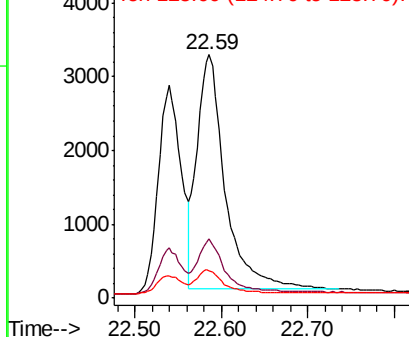
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.0	24.0#
125	11.5	8.0	12.0

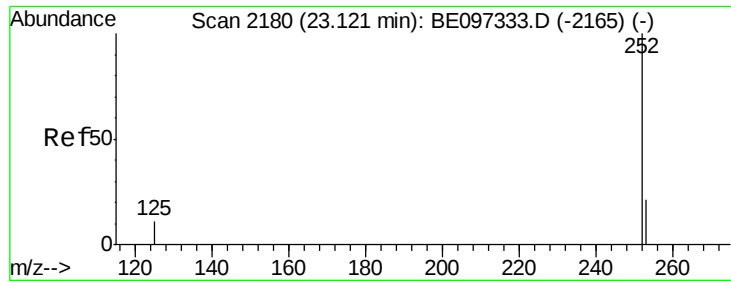
Abundance

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





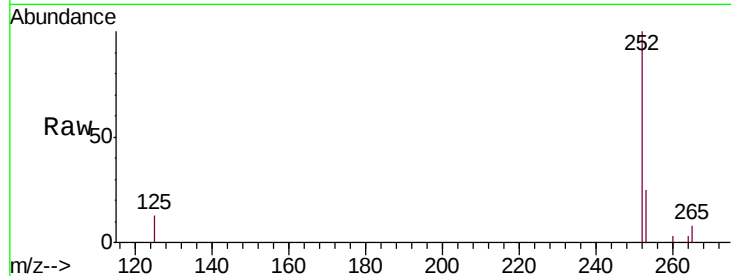
#37
Benzo(a)pyrene
Concen: 0.525 ng
RT: 23.12 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

Instrument :
BNA_E
ClientSampleId :
PB112113BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	16.0	24.0
125	13.0	12.0	18.0

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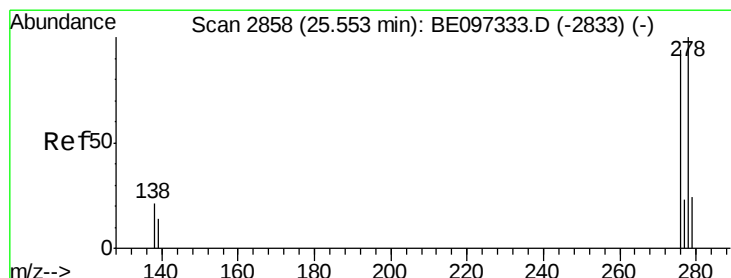
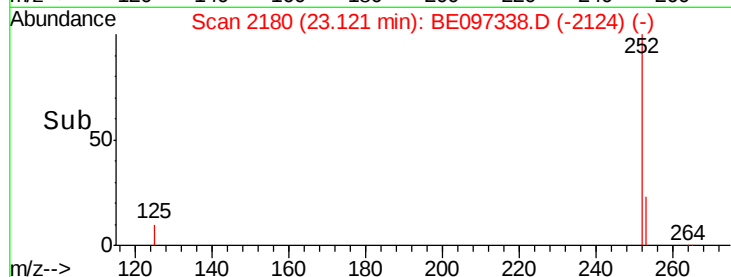
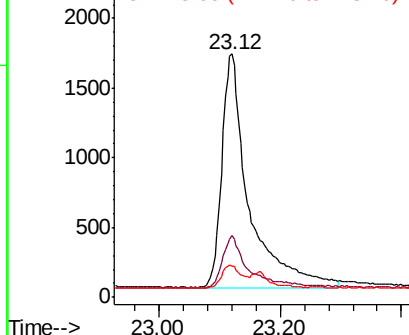


Abundance

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
Dibenzo(a,h)anthracene
Concen: 0.536 ng
RT: 25.54 min Scan# 2854
Delta R.T. -0.01 min
Lab File: BE097338.D
Acq: 20 Aug 2018 18:50

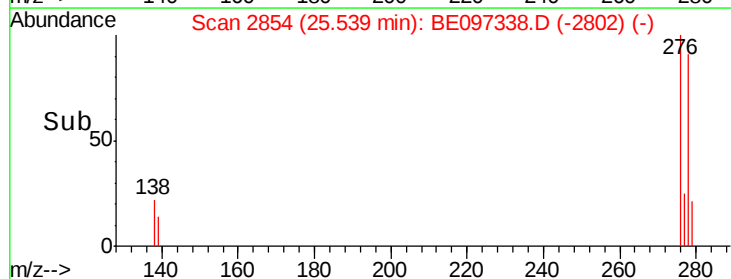
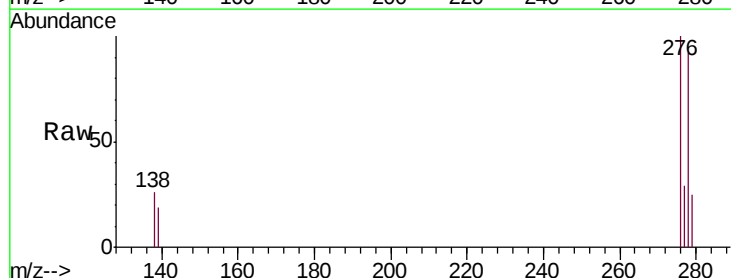
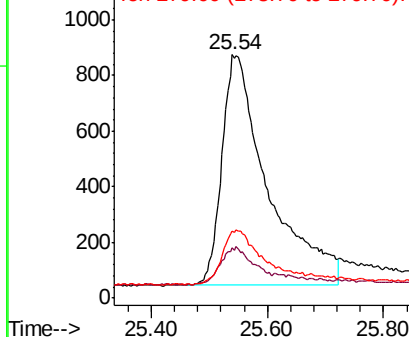
Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.6	16.0	24.0
279	27.8	20.0	30.0

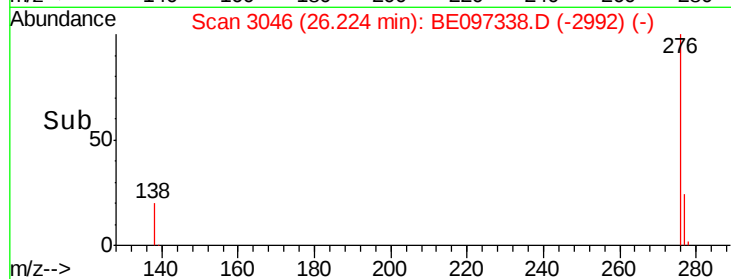
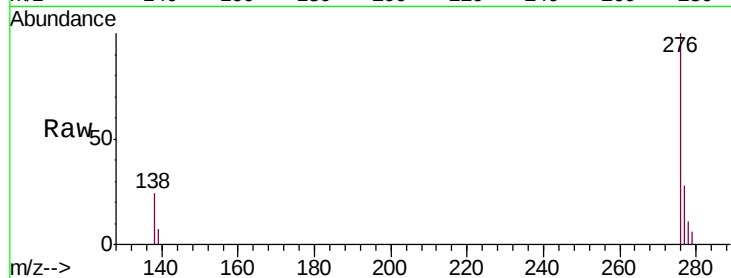
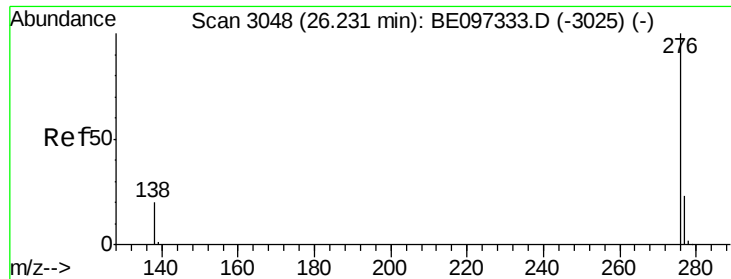
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.523 ng

RT: 26.22 min Scan# 3046

Delta R.T. -0.01 min

Lab File: BE097338.D

Acq: 20 Aug 2018 18:50

Instrument :

BNA_E

ClientSampleId :

PB112113BS

Tgt Ion	Ratio	Lower	Upper
276	100		
277	28.0	16.0	24.0
138	24.3	20.0	30.0

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