

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
 Data File : BE097611.D
 Acq On : 21 Sep 2018 14:48
 Operator : SJ/JU
 Sample : PB112840BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB112840BSD

Manual Integrations
 APPROVED

Sohil
 9/24/2018 8:29:41 AM

Quant Time: Sep 22 04:26:11 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE091918.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Sep 20 10:54:43 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	1062	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4589	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2264	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	5273	0.40	ng	0.00
27) Chrysene-d12	20.97	240	7149	0.40	ng	0.00
34) Perylene-d12	23.20	264	7624	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.07	112	1233	0.39	ng	0.01
5) Phenol-d6	6.61	99	1690m	0.42	ng	0.00
8) Nitrobenzene-d5	8.53	82	1370	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	3316	0.52	ng	0.00
14) 2,4,6-Tribromophenol	15.53	330	236	0.31	ng	0.01
15) 2-Fluorobiphenyl	12.62	172	3715	0.46	ng	0.00
25) Fluoranthene-d10	18.80	212	24967	0.37	ng	0.00
29) Terphenyl-d14	19.42	244	4387	0.34	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	589	0.316	ng	Qvalue # 86
3) n-Nitrosodimethylamine	3.38	42	598m	0.388	ng	
6) bis(2-Chloroethyl)ether	6.83	93	1244	0.330	ng	89
9) Naphthalene	10.17	128	17002	0.411	ng	99
10) Hexachlorobutadiene	10.46	225	725	0.381	ng	96
12) 2-Methylnaphthalene	11.79	142	2576	0.399	ng	98
16) Acenaphthylene	13.71	152	3474	0.388	ng	100
17) Acenaphthene	14.06	154	2266	0.378	ng	95
18) Fluorene	15.07	166	2992	0.382	ng	# 79
20) 4-Bromophenyl-phenylether	15.96	248	937	0.394	ng	# 87
21) Hexachlorobenzene	16.07	284	1057	0.404	ng	# 84
22) Pentachlorophenol	16.44	266	404	0.474	ng	# 81
23) Phenanthrene	16.80	178	4948	0.395	ng	98
24) Anthracene	16.89	178	4282	0.387	ng	96
26) Fluoranthene	18.83	202	5973	0.344	ng	99
28) Pyrene	19.20	202	6116	0.376	ng	99
30) Benzo(a)anthracene	20.95	228	7177	0.399	ng	96
31) Chrysene	21.00	228	7787	0.403	ng	98
32) Bis(2-ethylhexyl)phthalate	20.89	149	8298	0.285	ng	# 99
33) Indeno(1,2,3-cd)pyrene	25.51	276	10635	0.457	ng	# 93
35) Benzo(b)fluoranthene	22.53	252	7918	0.405	ng	# 89
36) Benzo(k)fluoranthene	22.58	252	9108m	0.408	ng	
37) Benzo(a)pyrene	23.11	252	8075	0.425	ng	# 92
38) Dibenzo(a,h)anthracene	25.52	278	8722	0.426	ng	# 96
39) Benzo(g,h,i)perylene	26.20	276	8669	0.435	ng	# 89

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

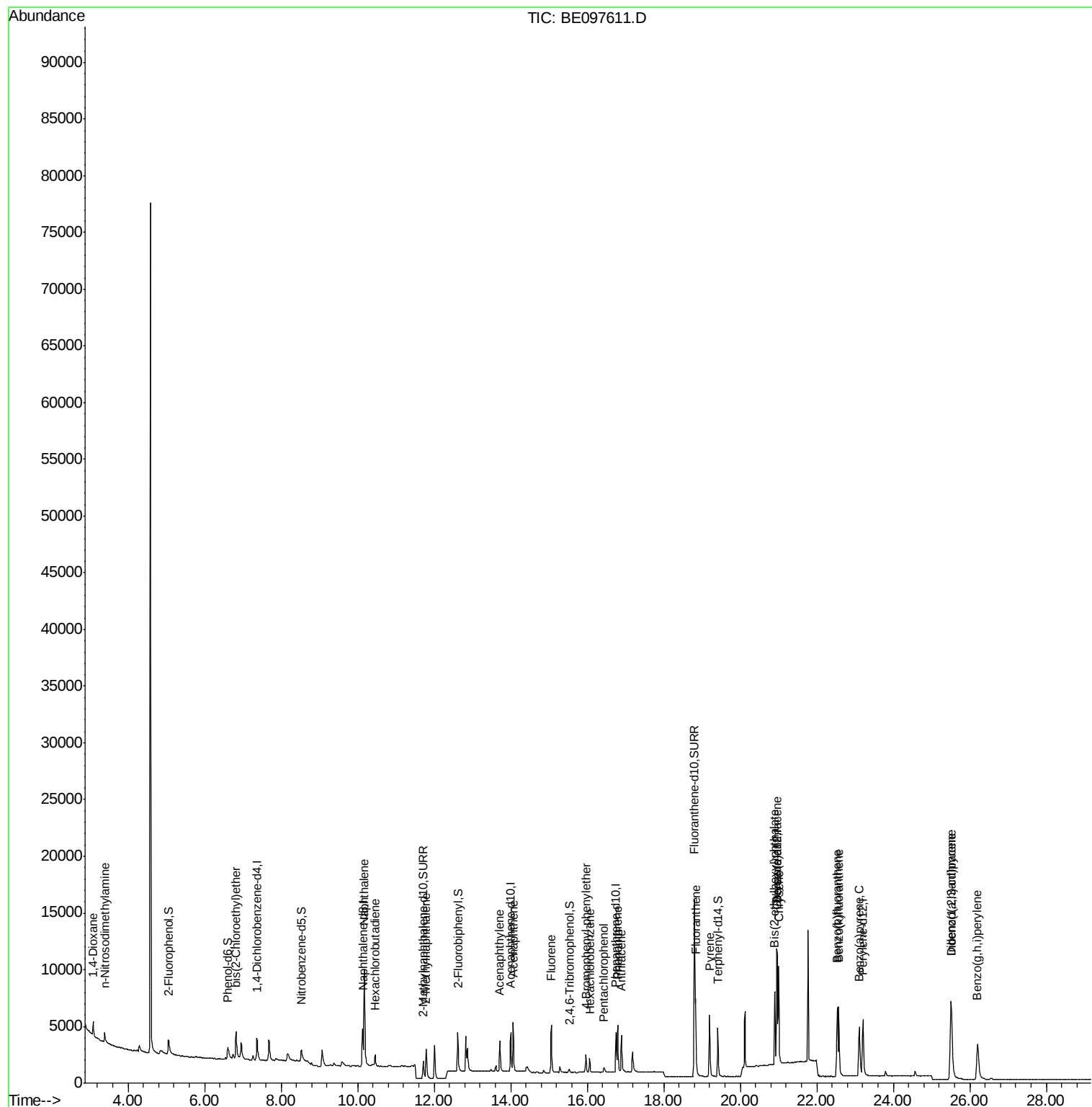
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092118\
Data File : BE097611.D
Acq On : 21 Sep 2018 14:48
Operator : SJ/JU
Sample : PB112840BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_E
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Quant Time: Sep 22 04:26:11 2018
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QLast Update : Thu Sep 20 10:54:43 2018
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Manual Integrations
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#1

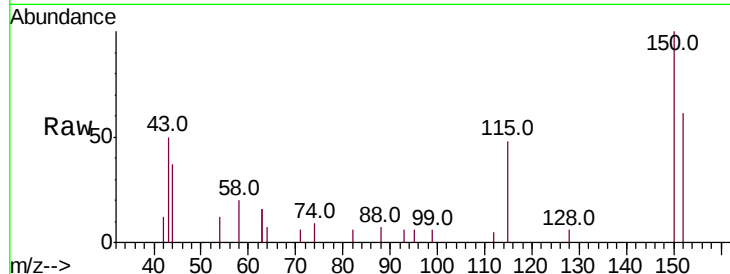
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.37 min Scan# 391
Delta R.T. -0.01 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Instrument :
BNA_E
ClientSampleId :
PB112840BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.0	117.2	175.8
115	78.4	57.0	85.6

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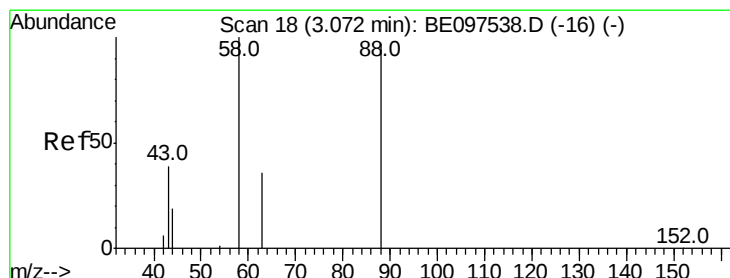
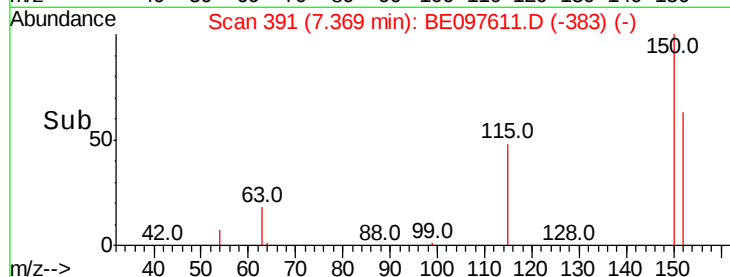
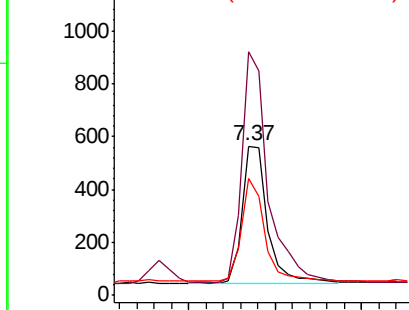


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

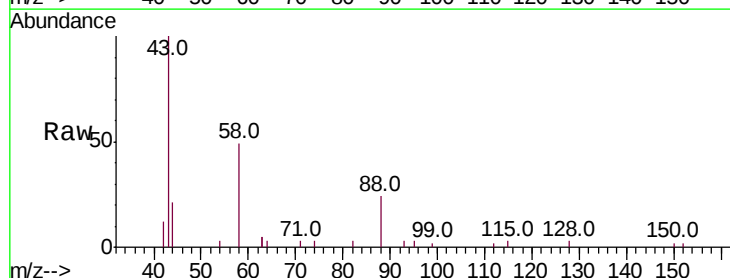
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.316 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
88	100		
58	76.9	63.2	94.8
43	73.7	41.2	61.8#

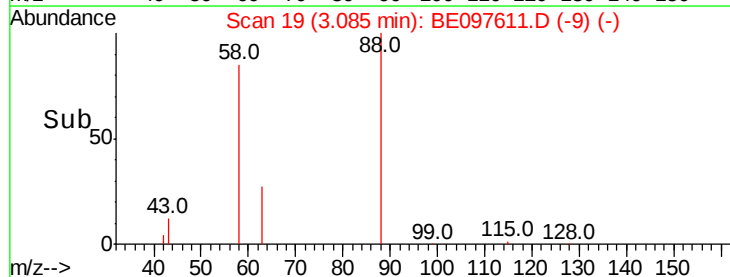
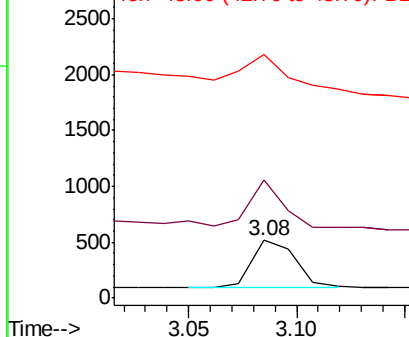


Abundance

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





#3

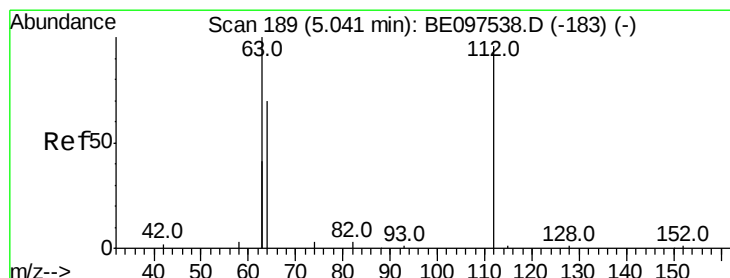
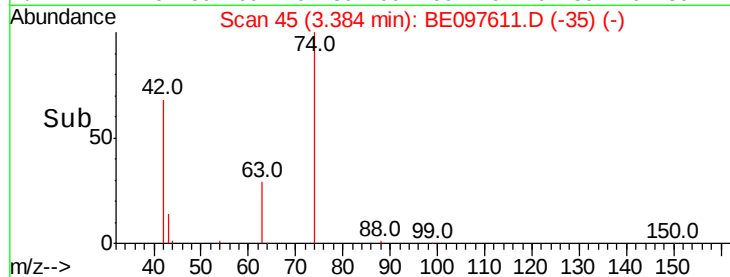
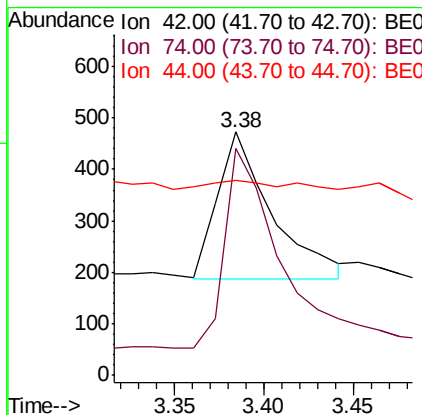
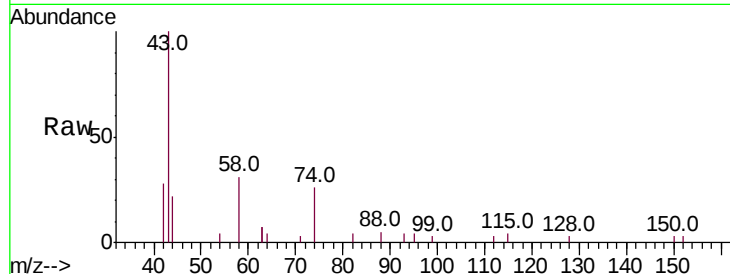
n-Nitrosodimethylamine
 Concen: 0.388 ng/ml
 RT: 3.38 min Scan# 45
 Delta R.T. 0.01 min
 Lab File: BE097611.D
 Acq: 21 Sep 2018 14:48

Instrument :
 BNA_E
 ClientSampleId :
 PB112840BSD

Tot Ion	Ratio	Lower	Upper
42	100		
74	119.7	96.0	144.0
44	6.4	12.0	18.0

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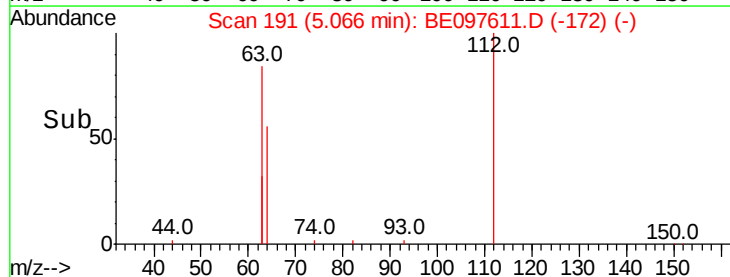
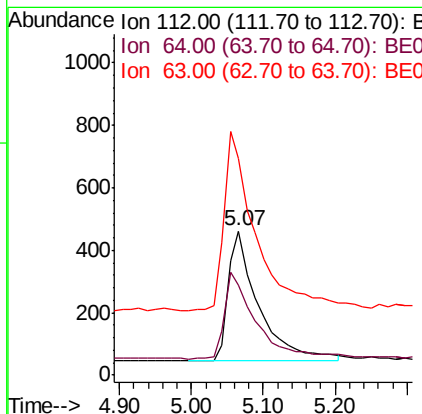
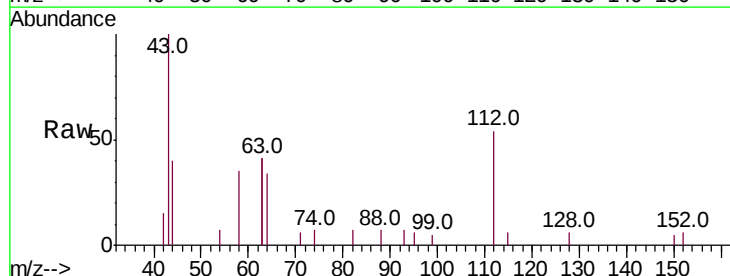
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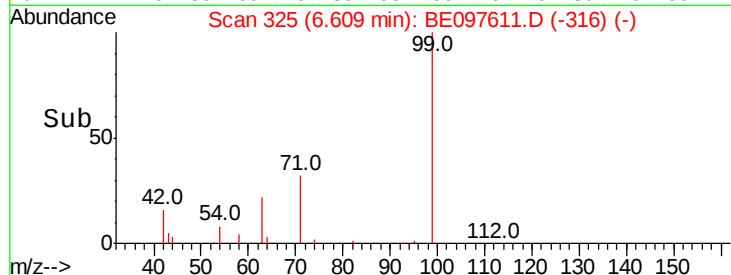
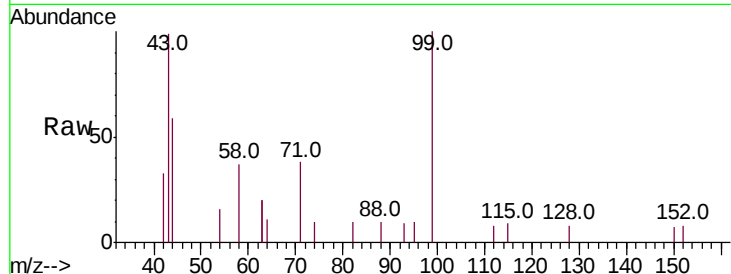
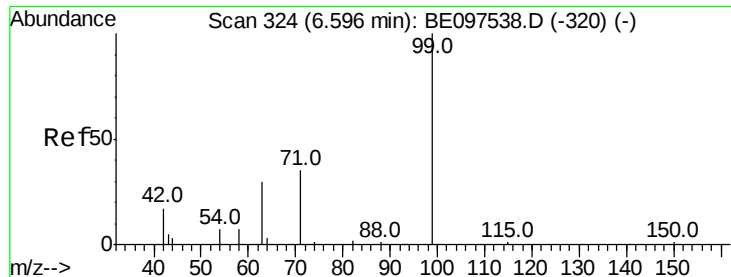


#4

2-Fluorophenol
 Concen: 0.387 ng/ml
 RT: 5.07 min Scan# 191
 Delta R.T. 0.01 min
 Lab File: BE097611.D
 Acq: 21 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.3	60.1	90.1
63	144.0	116.8	175.2





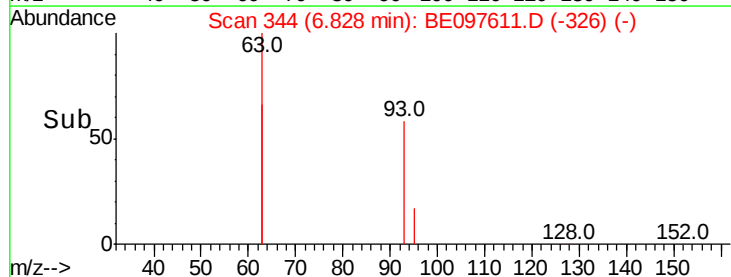
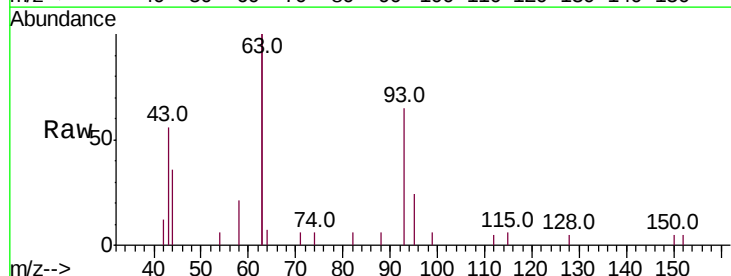
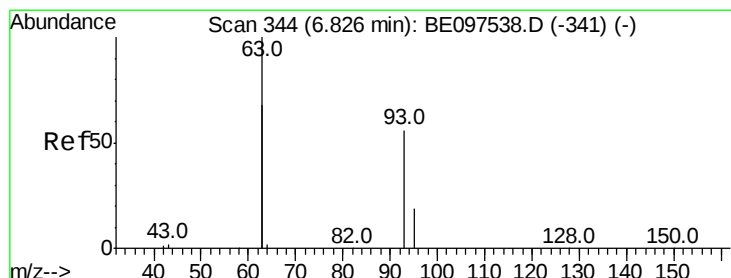
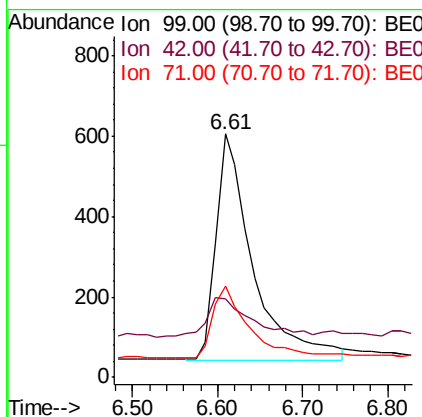
#5
Phenol-d6
Concen: 0.415 ng/ml
RT: 6.61 min Scan# 325
Delta R.T. 0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Tot Ion	99	Resp	1690
Ion Ratio	Lower	Upper	
99	100		
42	17.9	20.2	30.2#
71	26.8	28.4	42.6#

Instrument :
BNA_E
ClientSampleId :
PB112840BSD

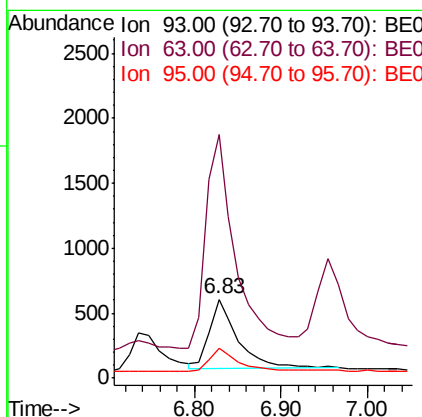
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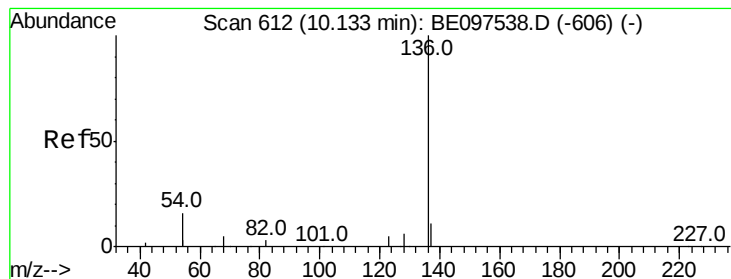
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#6
bis(2-Chloroethyl)ether
Concen: 0.330 ng
RT: 6.83 min Scan# 344
Delta R.T. 0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Tgt Ion	93	Resp	1244
Ion Ratio	Lower	Upper	
93	100		
63	318.2	275.3	412.9
95	33.0	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: BE097611.D

Acq: 21 Sep 2018 14:48

Instrument :

BNA_E

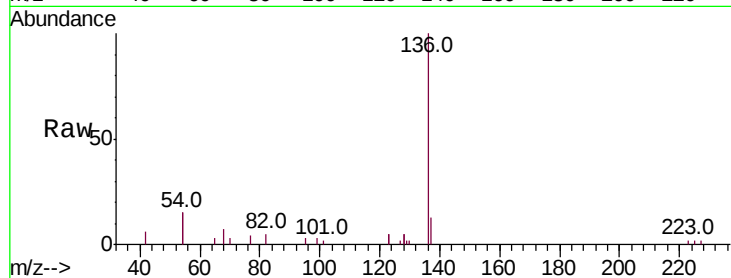
ClientSampleId :

PB112840BSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.6	9.5	14.3
54	30.6	29.1	43.7
68	7.3	6.2	9.2

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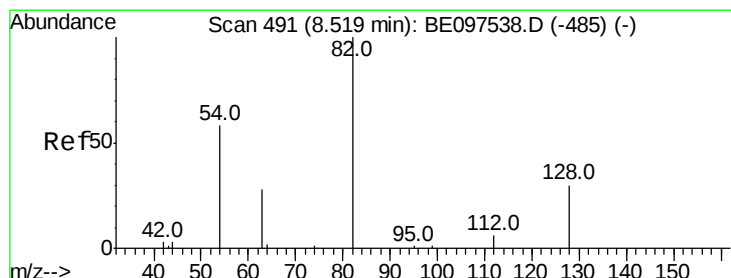
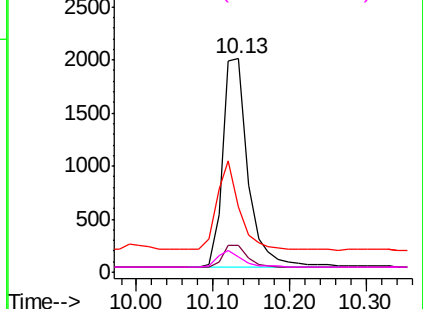
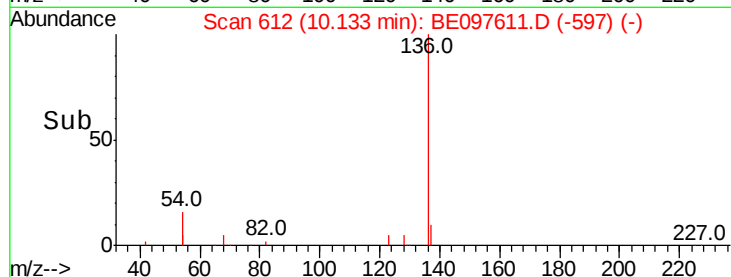
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.386 ng

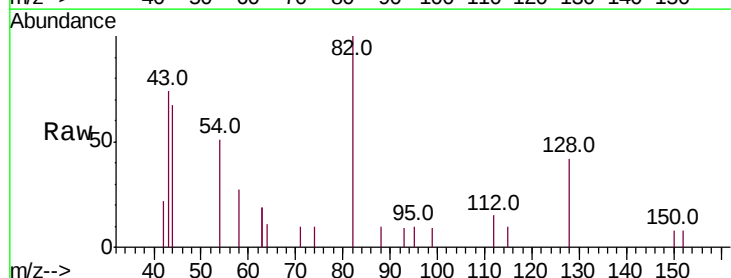
RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.9	24.0	36.0#
54	51.4	40.0	60.0

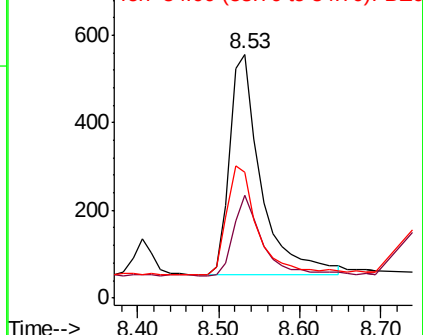
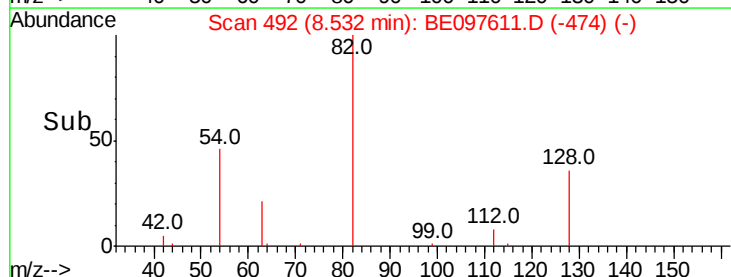


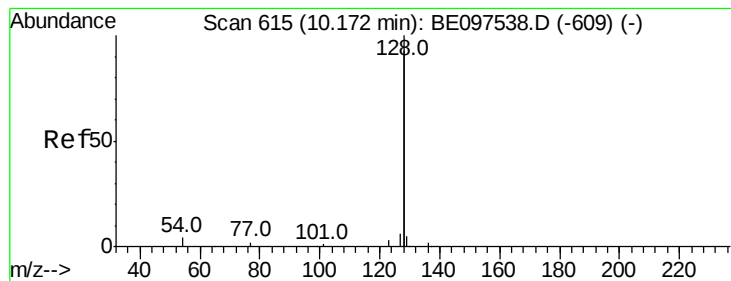
Abundance

Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.411 ng

RT: 10.17 min Scan# 615

Delta R.T. -0.00 min

Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

Instrument :

BNA_E

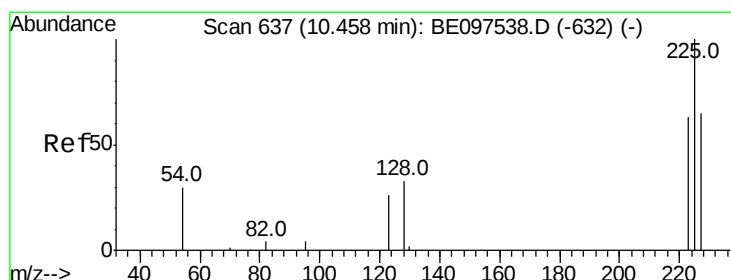
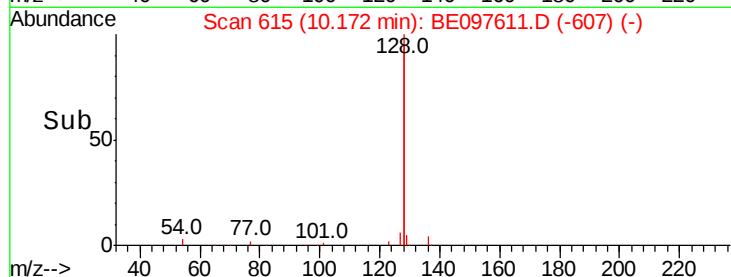
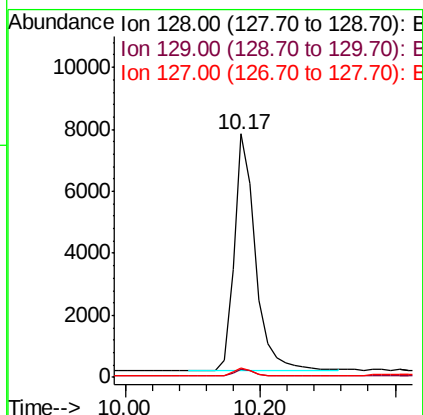
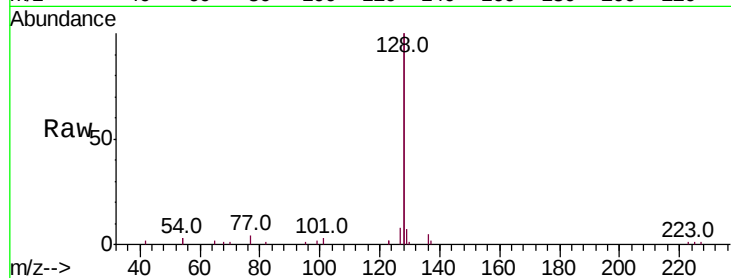
ClientSampleId :

PB112840BSD

Tot Ion:	128	Resp:	17002
Ion Ratio	Lower	Upper	
128	100		
129	3.3	2.6	3.8
127	3.8	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.381 ng

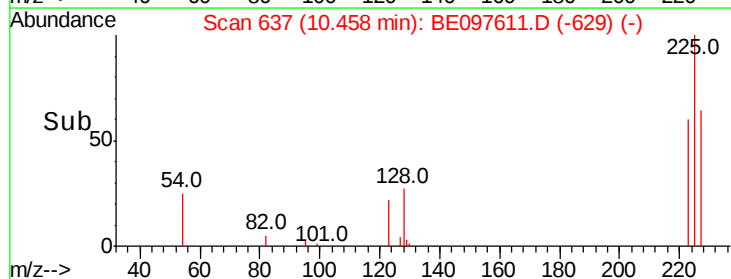
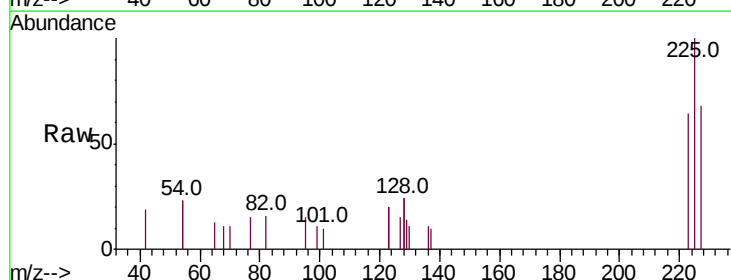
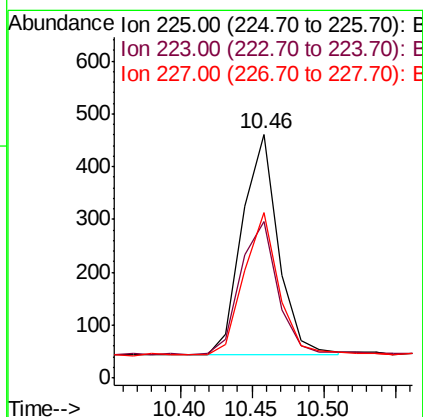
RT: 10.46 min Scan# 637

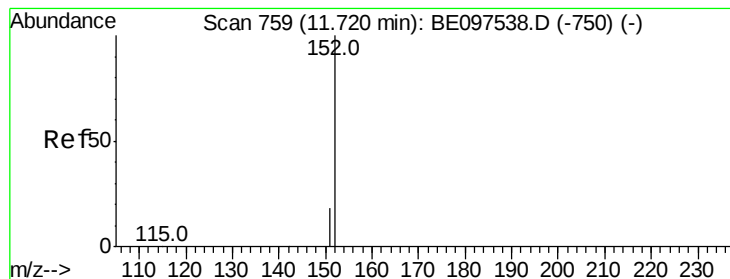
Delta R.T. -0.00 min

Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

Tgt Ion:	225	Resp:	725
Ion Ratio	Lower	Upper	
225	100		
223	62.8	53.0	79.6
227	61.8	51.4	77.2





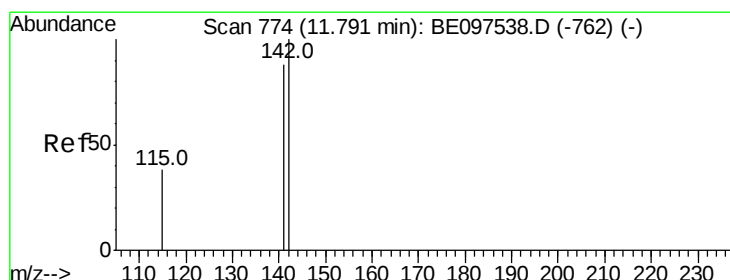
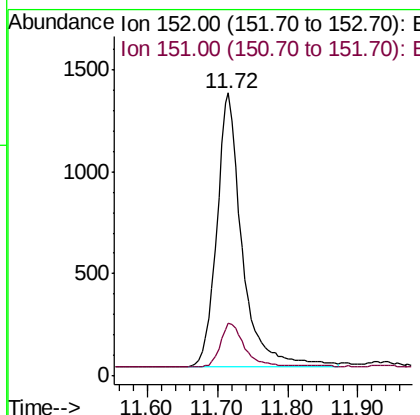
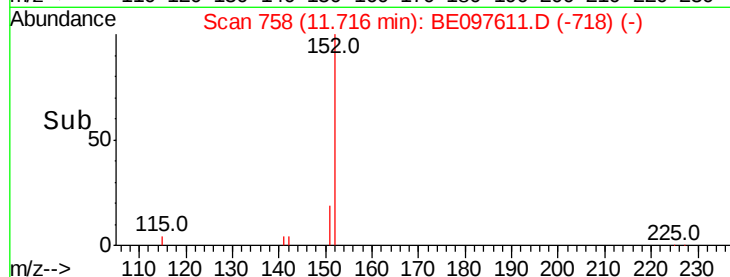
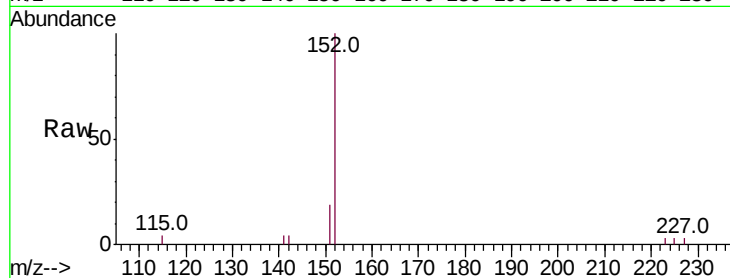
#11
2-Methylnaphthalene-d10
Concen: 0.524 ng
RT: 11.72 min Scan# 758
Delta R.T. -0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Instrument :
BNA_E
ClientSampleId :
PB112840BSD

Tot Ion:152 Resp: 3316
Ion Ratio Lower Upper
152 100
151 14.7 15.4 23.0#

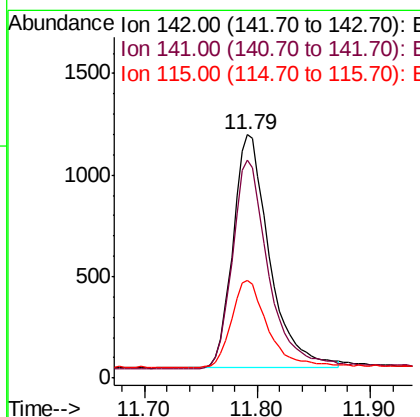
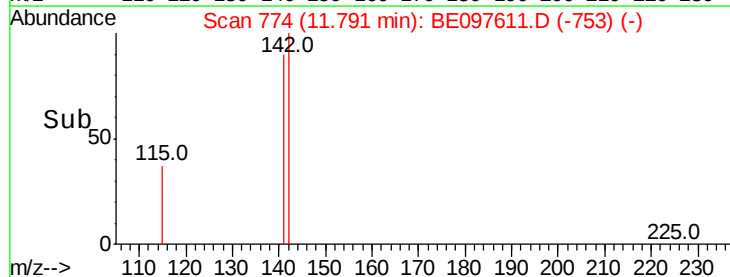
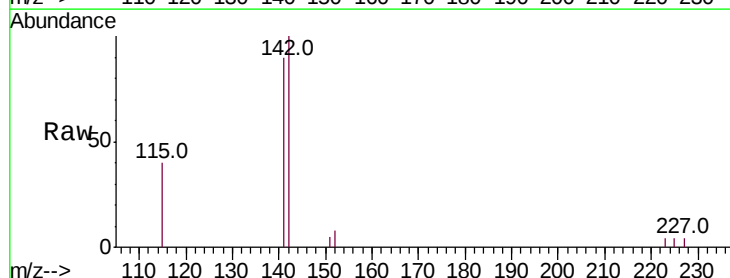
Manual Integrations
APPROVED

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#12
2-Methylnaphthalene
Concen: 0.399 ng
RT: 11.79 min Scan# 774
Delta R.T. -0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Tgt Ion:142 Resp: 2576
Ion Ratio Lower Upper
142 100
141 89.8 70.4 105.6
115 40.3 31.7 47.5





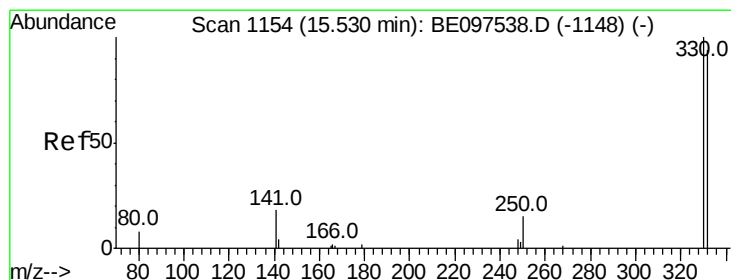
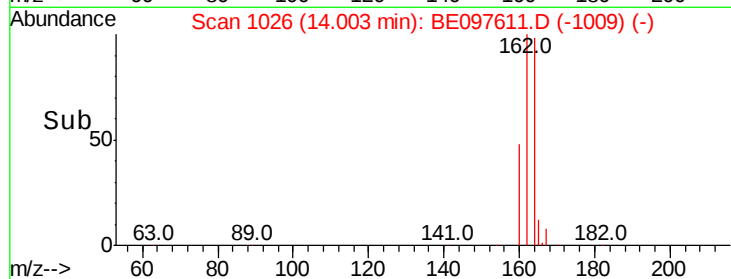
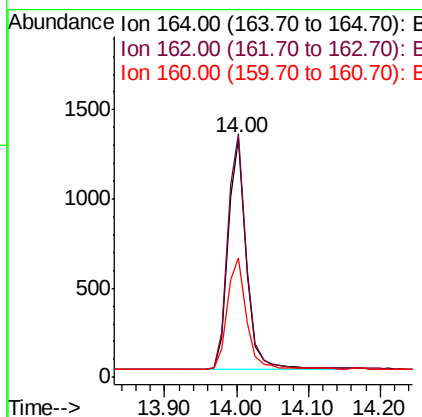
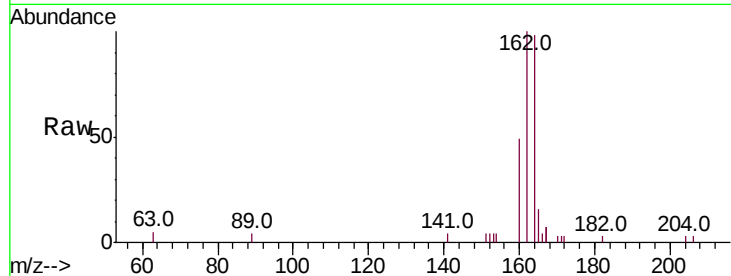
#13
 Acenaphthene-d10
 Concen: 0.400 ng
 RT: 14.00 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BE097611.D
 Acq: 21 Sep 2018 14:48

Instrument :
 BNA_E
 ClientSampleId :
 PB112840BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.9	83.1	124.7
160	50.2	37.1	55.7

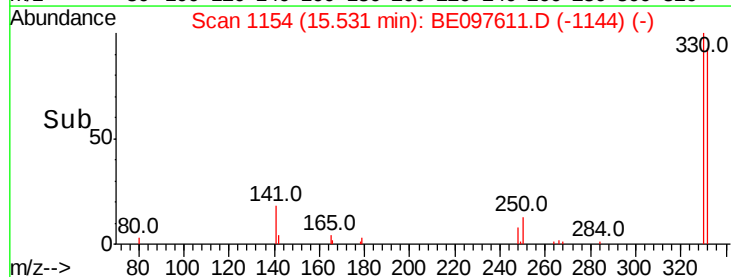
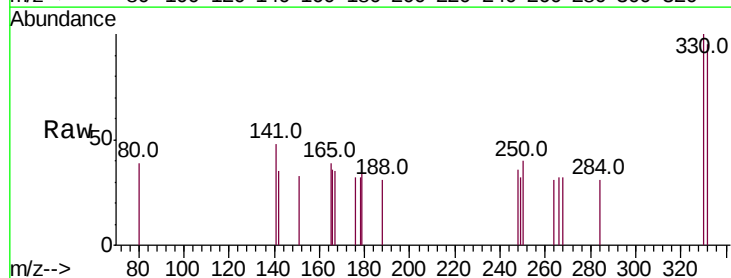
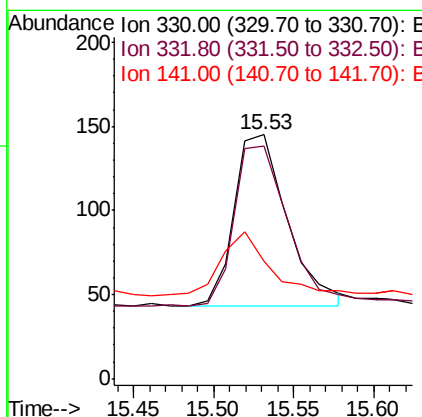
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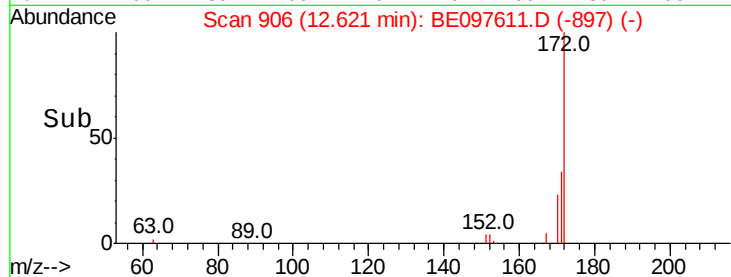
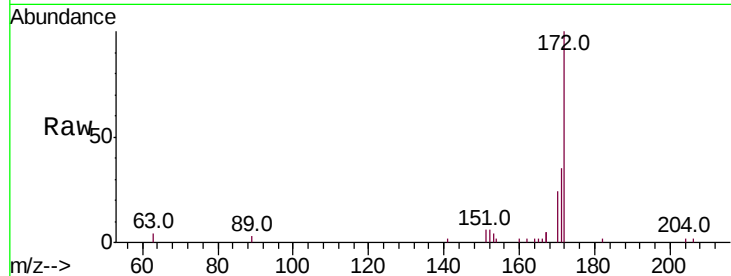
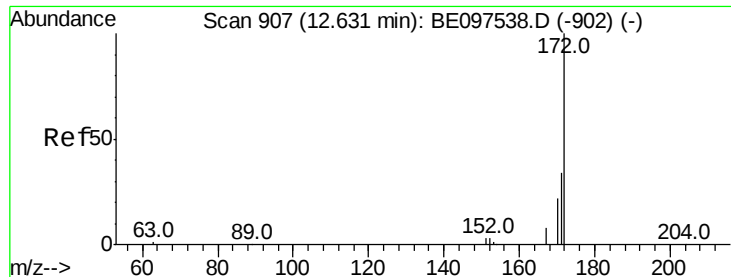
Sohil
 9/24/2018 8:29:41 AM



#14
 2,4,6-Tribromophenol
 Concen: 0.310 ng
 RT: 15.53 min Scan# 1154
 Delta R.T. 0.01 min
 Lab File: BE097611.D
 Acq: 21 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.9	152.7	229.1#
141	33.9	33.7	50.5





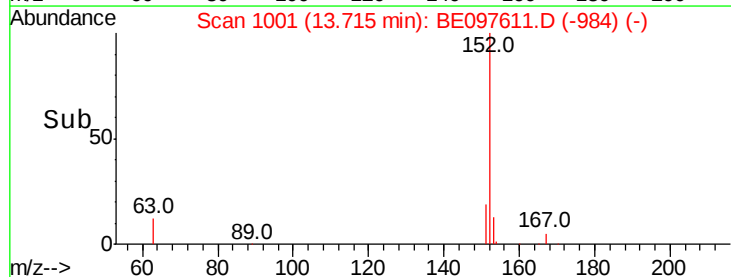
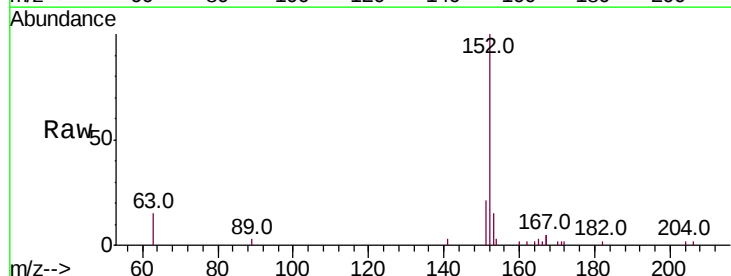
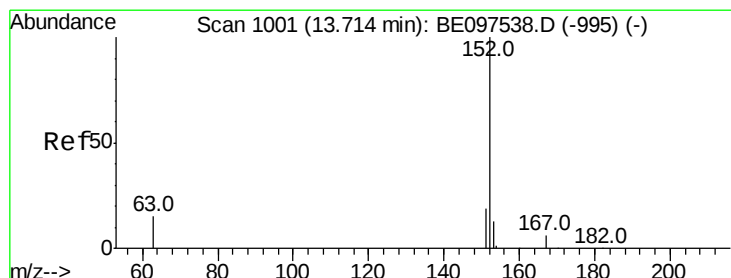
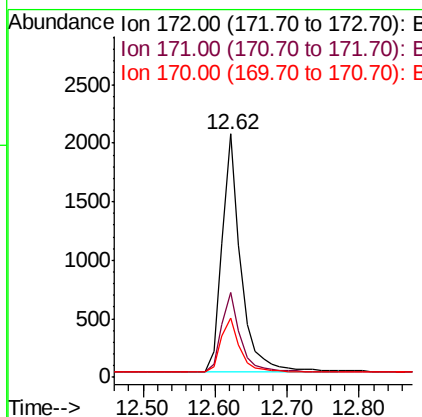
#15
2-Fluorobiphenyl
Concen: 0.464 ng
RT: 12.62 min Scan# 906
Delta R.T. 0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Tot Ion:	172	Resp:	3715
Ion Ratio	Lower	Upper	
172	100		
171	35.1	29.9	44.9
170	24.2	21.8	32.8

Instrument :
BNA_E
ClientSampleId :
PB112840BSD

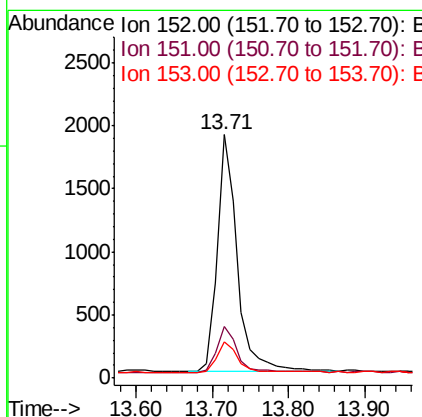
Manual Integrations
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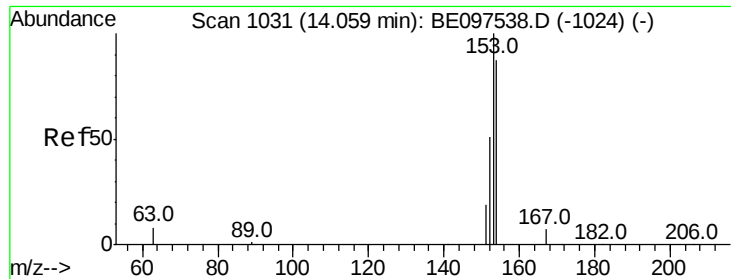
Sohil
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#16
Acenaphthylene
Concen: 0.388 ng
RT: 13.71 min Scan# 1001
Delta R.T. 0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Tgt Ion:	152	Resp:	3474
Ion Ratio	Lower	Upper	
152	100		
151	19.6	15.7	23.5
153	13.1	10.5	15.7





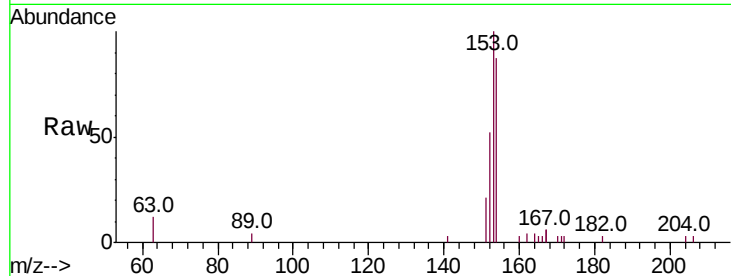
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.06 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Instrument :
BNA_E
ClientSampleId :
PB112840BSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.6	89.2	133.8
152	58.4	42.0	63.0

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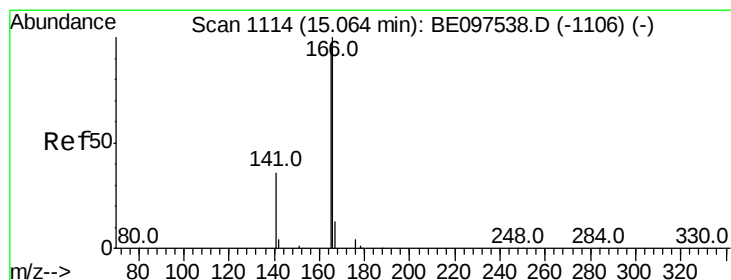
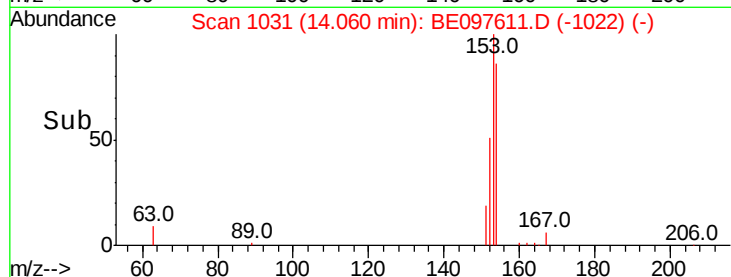
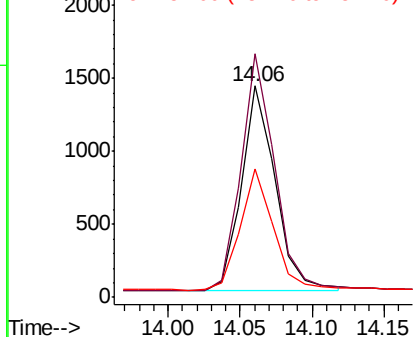


Abundance

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: 0.382 ng
RT: 15.07 min Scan# 1114
Delta R.T. 0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

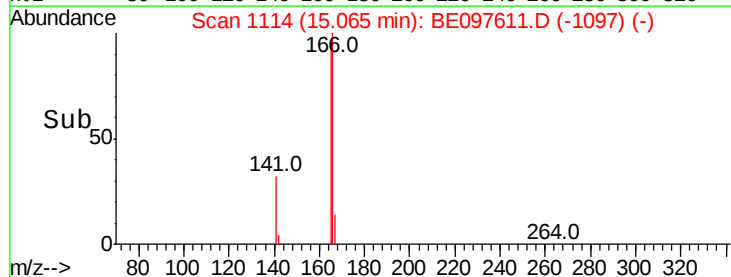
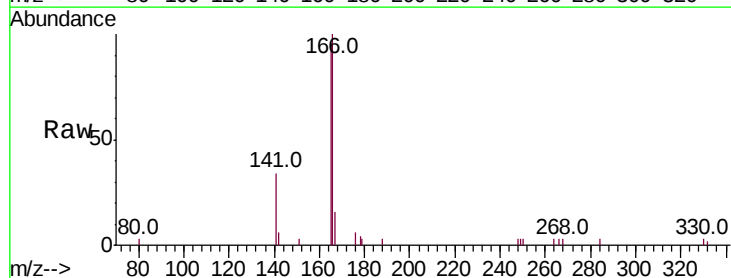
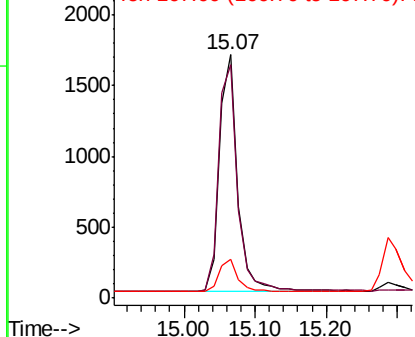
Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.5	77.8	116.6
167	13.6	42.4	63.6#

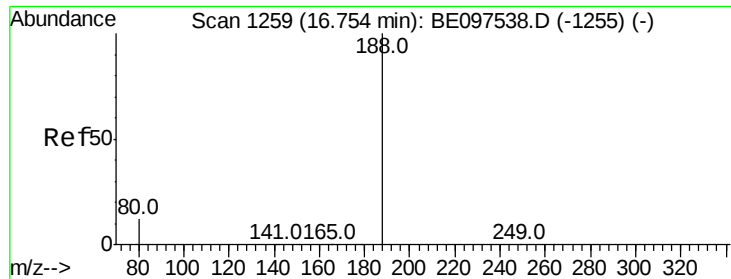
Abundance

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





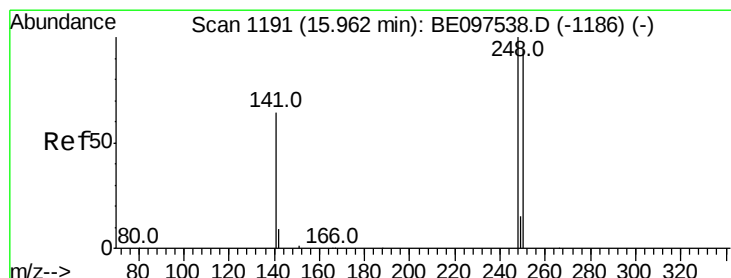
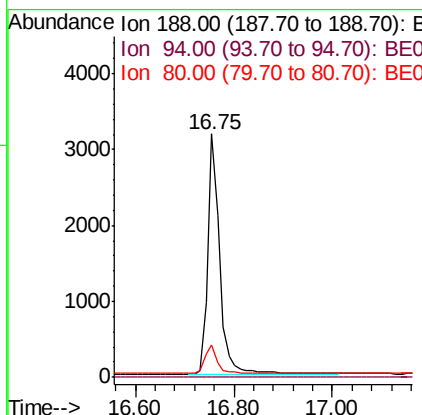
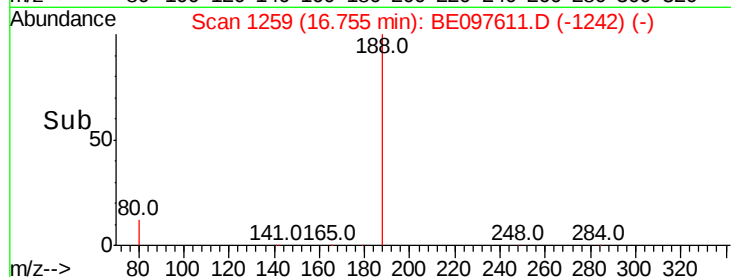
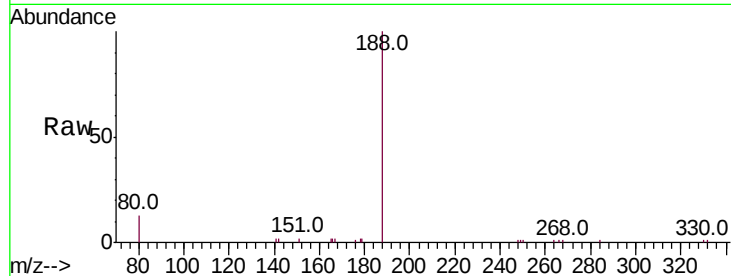
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Instrument :
BNA_E
ClientSampleId :
PB112840BSD

Tot Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	13.1	3.6	5.4#

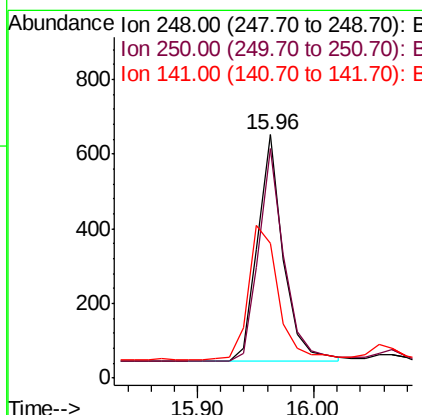
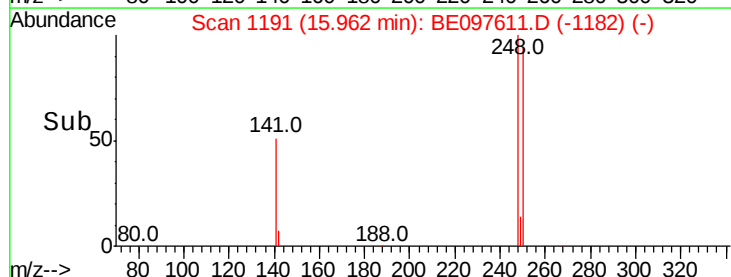
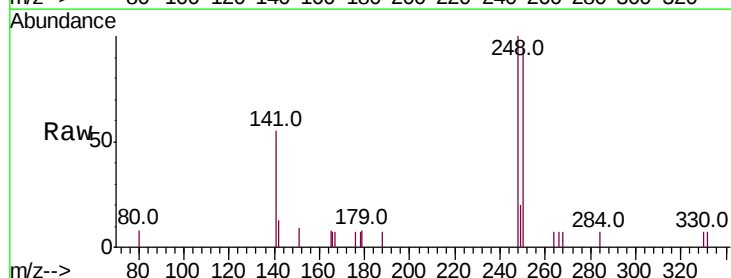
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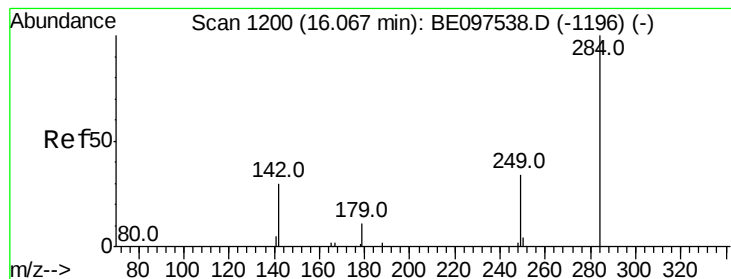
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#20
4-Bromophenyl-phenylether
Concen: 0.394 ng
RT: 15.96 min Scan# 1191
Delta R.T. 0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
248	100		
250	94.2	62.7	94.1#
141	55.4	48.2	72.2





#21

Hexachlorobenzene

Concen: 0.404 ng

RT: 16.07 min Scan# 1200

Delta R.T. 0.00 min

Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

Instrument :

BNA_E

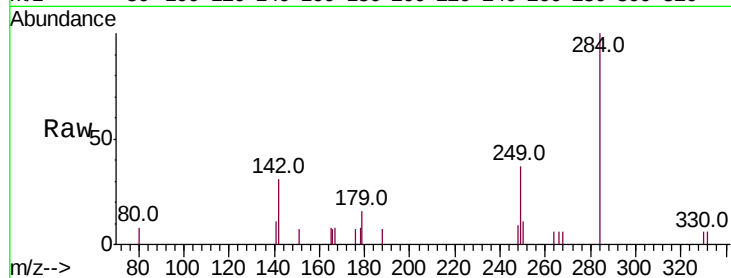
ClientSampleId :

PB112840BSD

Tot Ion:	284	Resp:	1057
Ion Ratio	Lower	Upper	
284	100		
142	33.1	22.1	33.1
249	31.4	34.8	52.2#

Manual Integrations
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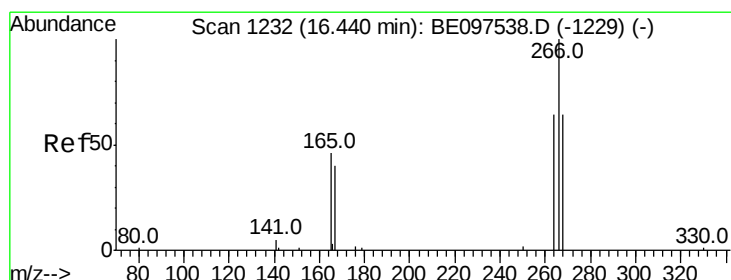
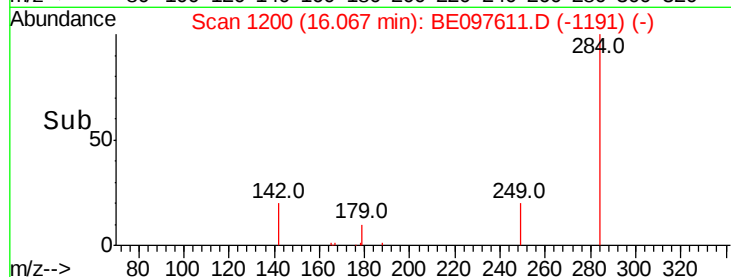
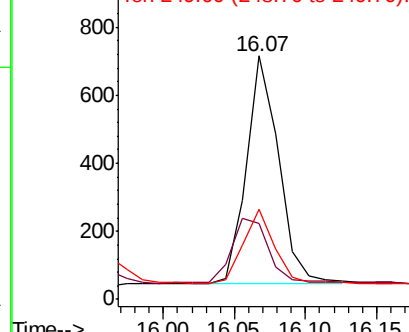
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Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.474 ng

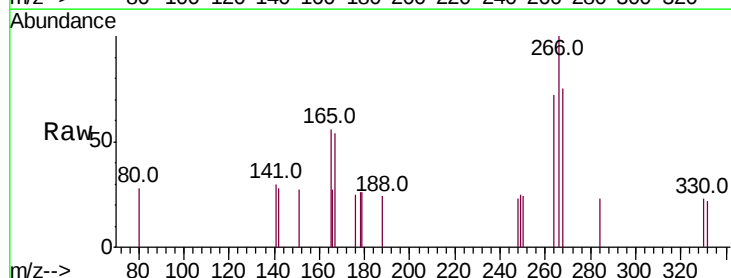
RT: 16.44 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

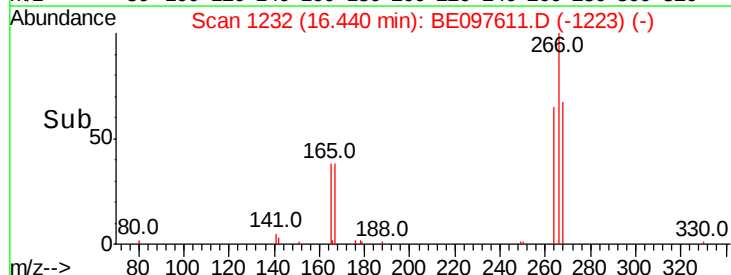
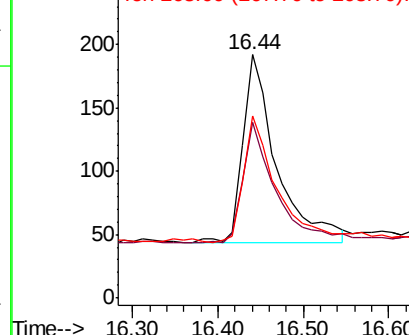
Tgt Ion:	266	Resp:	404
Ion Ratio	Lower	Upper	
266	100		
264	72.4	72.5	108.7#
268	75.0	73.8	110.6



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: 0.395 ng

RT: 16.80 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

Instrument :

BNA_E

ClientSampleId :

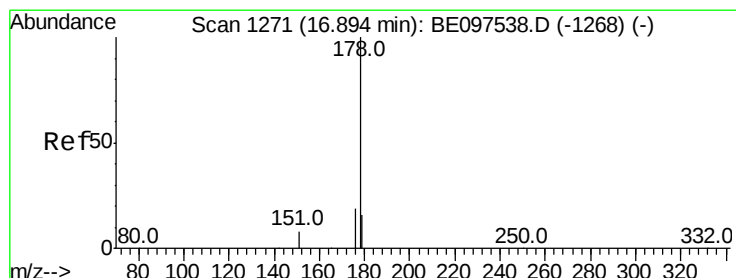
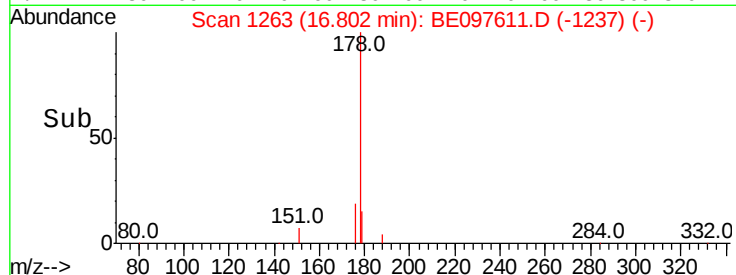
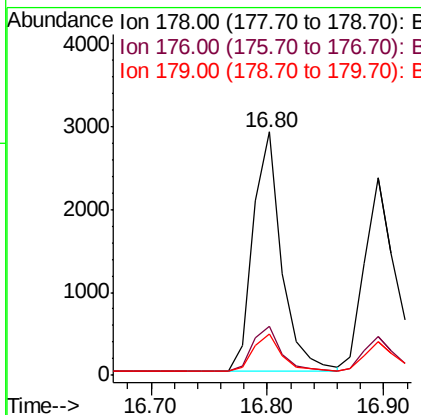
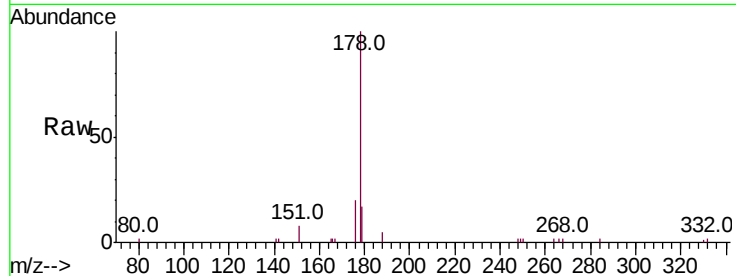
PB112840BSD

Tot Ion:	178	Resp:	4948
Ion Ratio	Lower	Upper	
178	100		
176	19.3	15.1	22.7
179	15.8	11.8	17.6

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#24

Anthracene

Concen: 0.387 ng

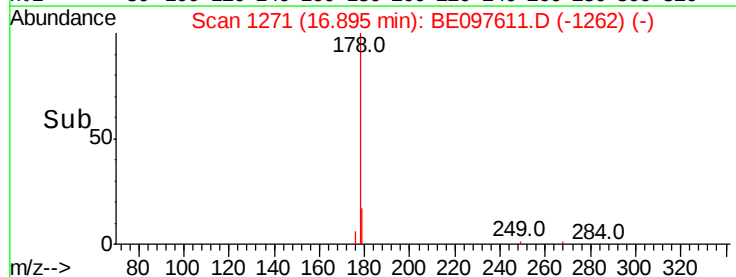
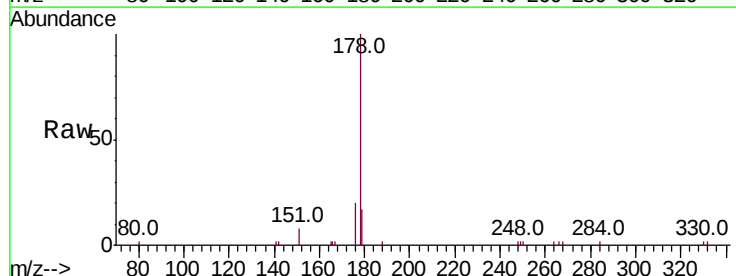
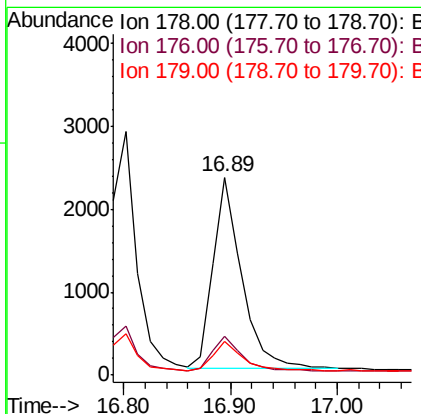
RT: 16.89 min Scan# 1271

Delta R.T. 0.00 min

Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

Tgt Ion:	178	Resp:	4282
Ion Ratio	Lower	Upper	
178	100		
176	18.4	12.8	19.2
179	15.4	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.370 ng

RT: 18.80 min Scan# 1500

Delta R.T. -0.00 min

Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

Instrument :

BNA_E

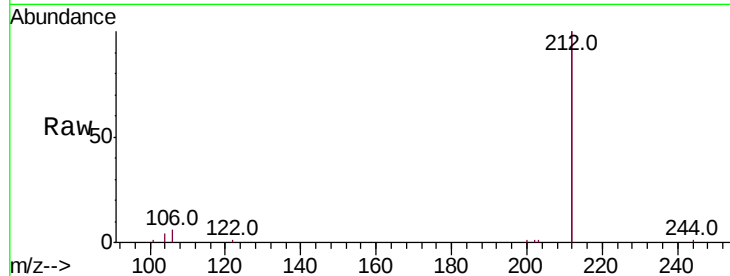
ClientSampleId :

PB112840BSD

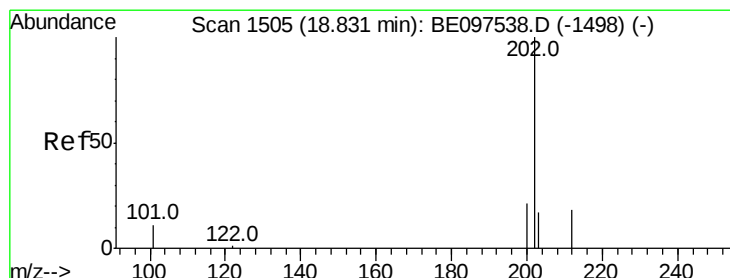
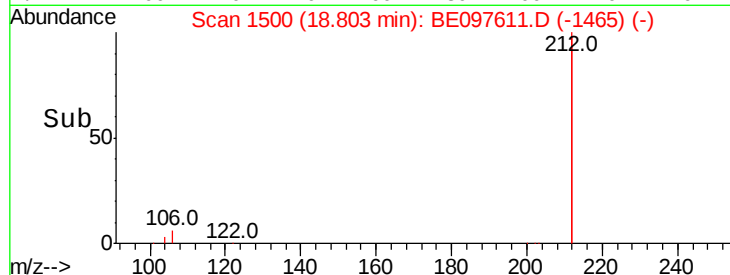
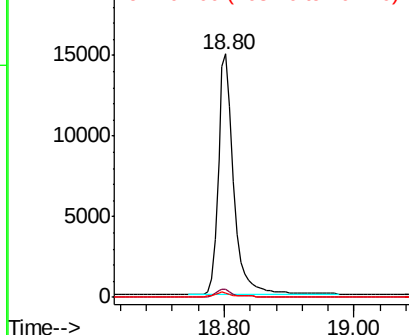
Tot Ion:	212	Resp:	24967
Ion Ratio	Lower	Upper	
212	100		
106	3.1	2.8	4.2
104	1.8	1.6	2.4

Manual Integrations
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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: 0.344 ng

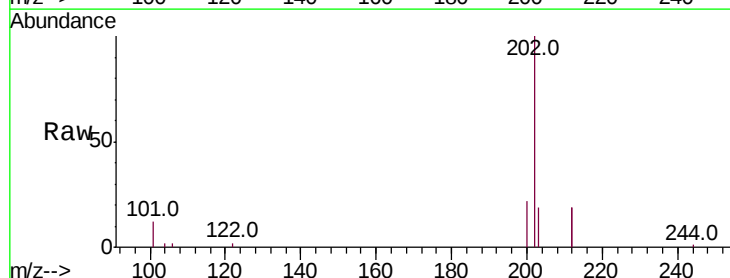
RT: 18.83 min Scan# 1505

Delta R.T. -0.00 min

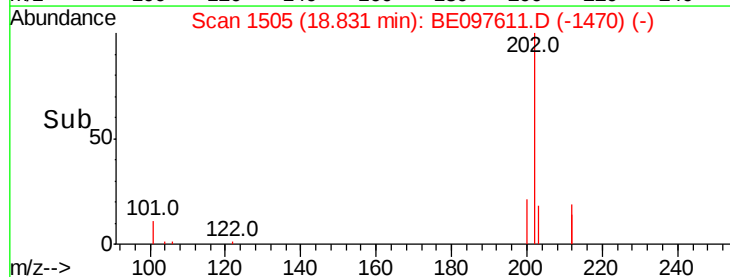
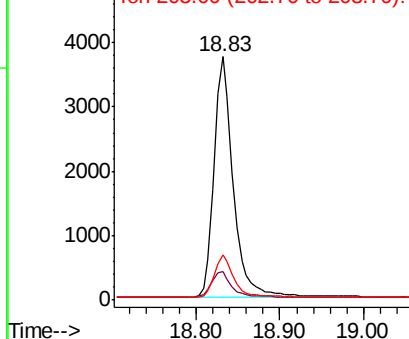
Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

Tgt Ion:	202	Resp:	5973
Ion Ratio	Lower	Upper	
202	100		
101	11.2	9.8	14.8
203	17.2	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





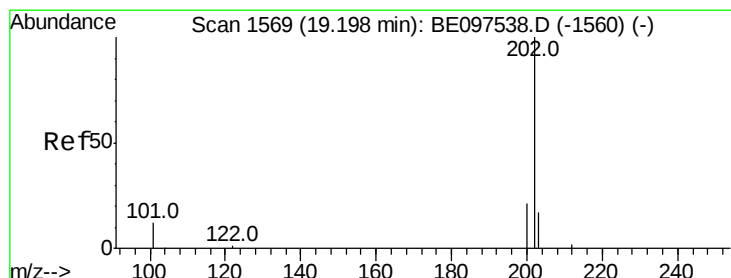
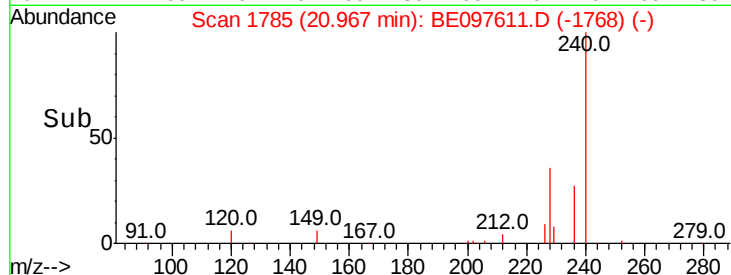
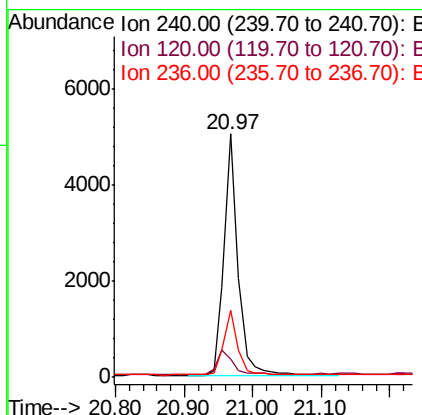
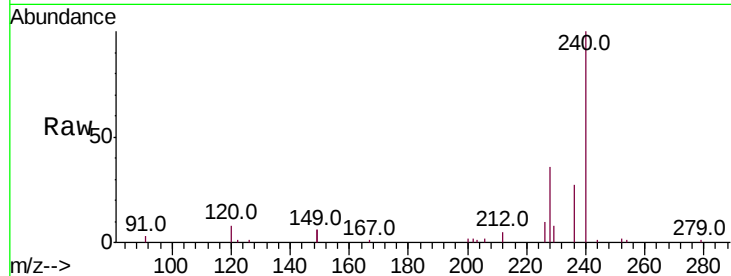
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BE097611.D
 Acq: 21 Sep 2018 14:48

Instrument :
 BNA_E
 ClientSampleId :
 PB112840BSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.5	8.3
236	27.4	20.7	31.1

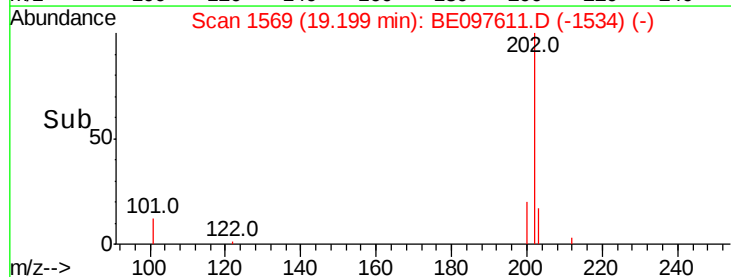
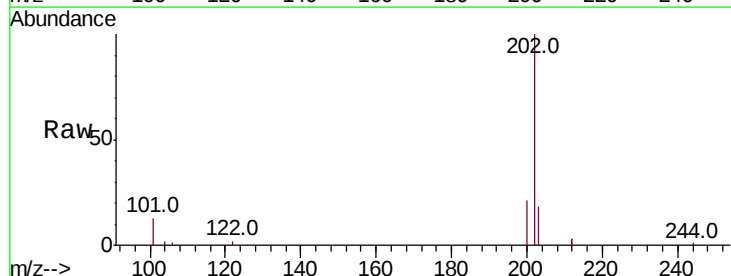
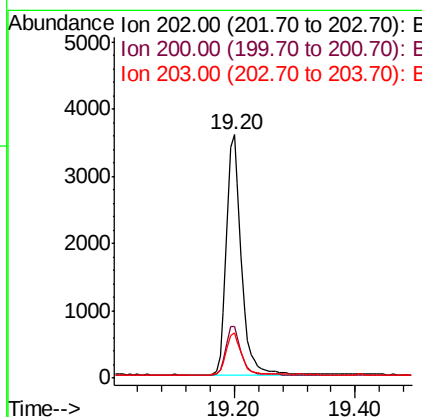
Manual Integrations
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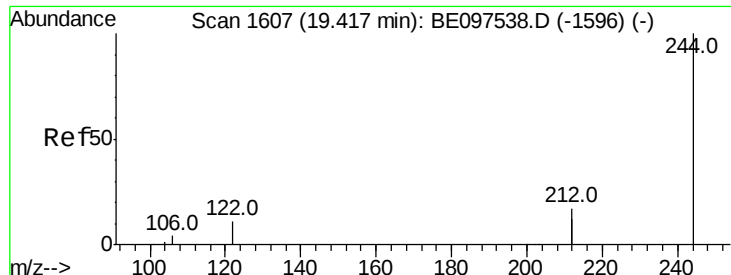
Sohil
 9/24/2018 8:29:41 AM



#28
 Pyrene
 Concen: 0.376 ng
 RT: 19.20 min Scan# 1569
 Delta R.T. -0.00 min
 Lab File: BE097611.D
 Acq: 21 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.6	25.0
203	17.8	13.8	20.8





#29

Terphenyl-d14

Concen: 0.335 ng

RT: 19.42 min Scan# 1607

Delta R.T. -0.00 min

Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

Instrument :

BNA_E

ClientSampleId :

PB112840BSD

Tot Ion:244 Resp: 4387

Ion Ratio Lower Upper

244 100

212 34.4 25.4 38.0

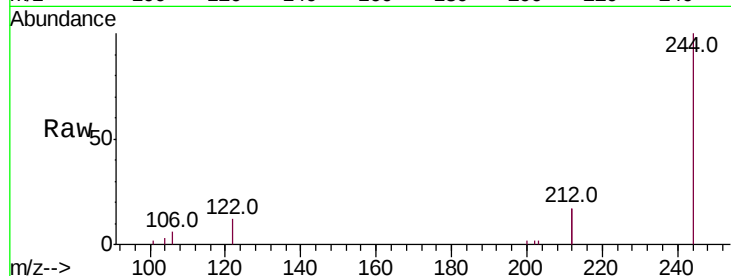
122 11.7 8.1 12.1

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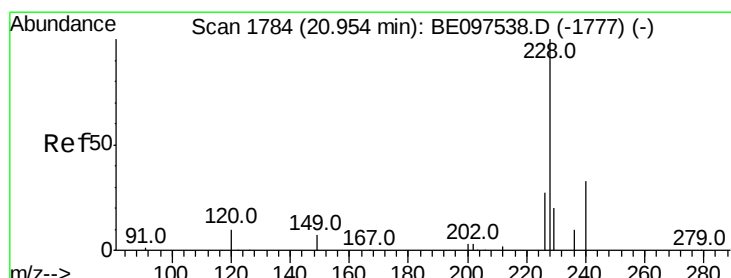
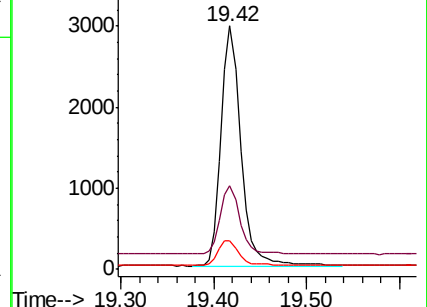
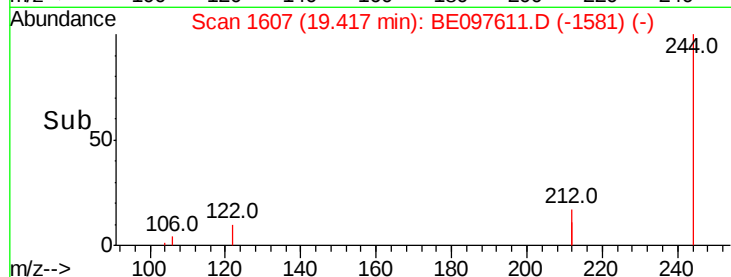
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.399 ng

RT: 20.95 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

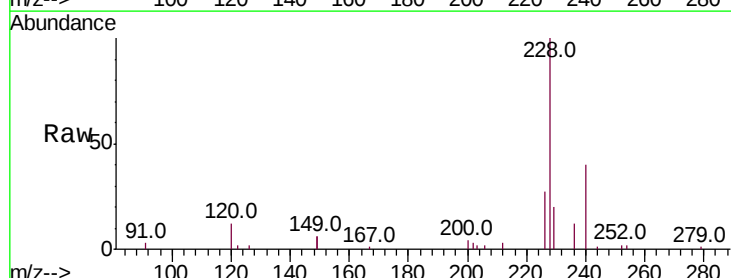
Tgt Ion:228 Resp: 7177

Ion Ratio Lower Upper

228 100

226 26.8 24.0 36.0

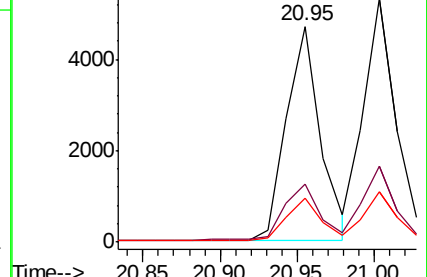
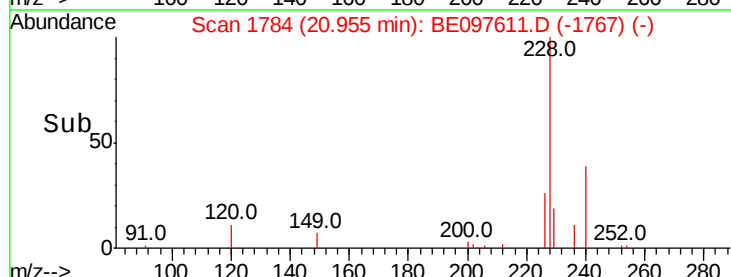
229 20.1 16.0 24.0



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: 0.403 ng

RT: 21.00 min Scan# 1788

Delta R.T. 0.00 min

Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

Instrument :

BNA_E

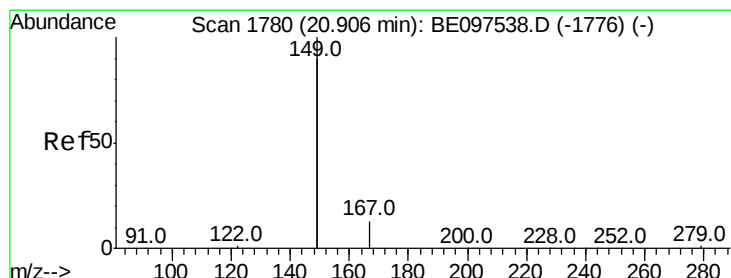
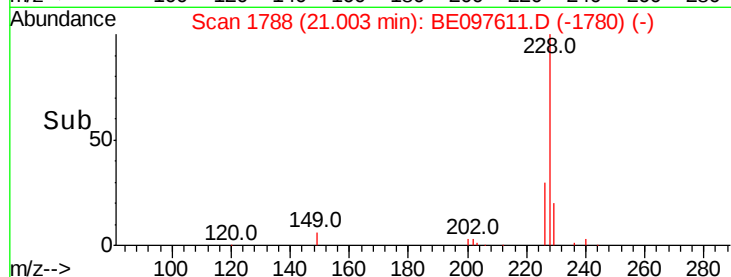
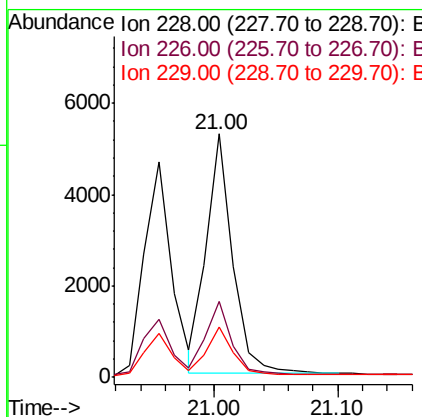
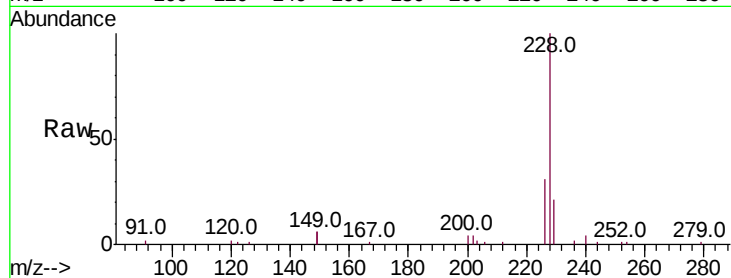
ClientSampleId :

PB112840BSD

Tot Ion:228	Resp:	7787
Ion Ratio	Lower	Upper
228 100		
226 31.1	24.0	36.0
229 20.5	16.0	24.0

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.285 ng

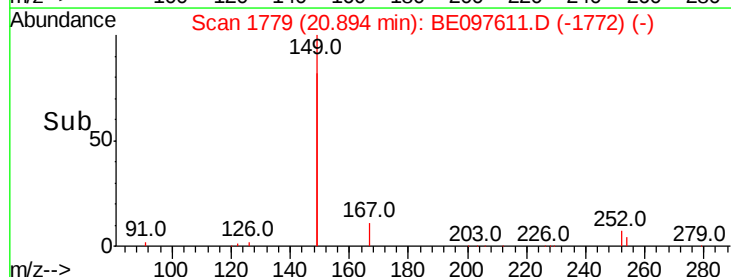
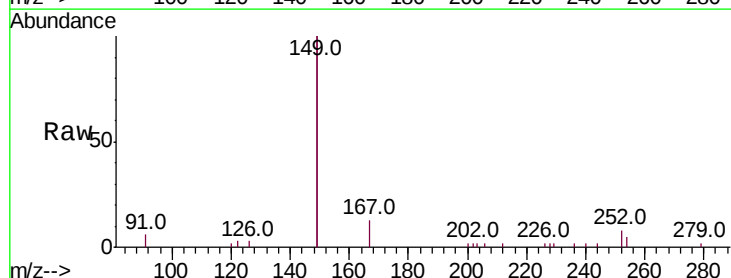
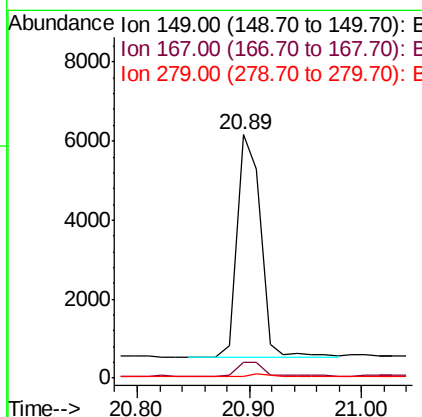
RT: 20.89 min Scan# 1779

Delta R.T. -0.01 min

Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

Tgt Ion:149	Resp:	8298
Ion Ratio	Lower	Upper
149 100		
167 6.5	5.4	8.0
279 1.1	0.7	1.1#





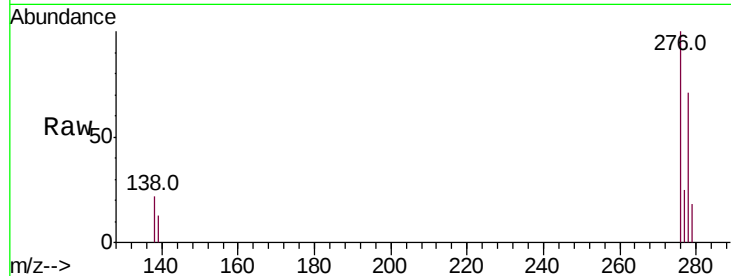
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.457 ng
 RT: 25.51 min Scan# 2843
 Delta R.T. 0.01 min
 Lab File: BE097611.D
 Acq: 21 Sep 2018 14:48

Instrument :
 BNA_E
 ClientSampleId :
 PB112840BSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	21.5	22.5	33.7#
277	24.6	19.9	29.9

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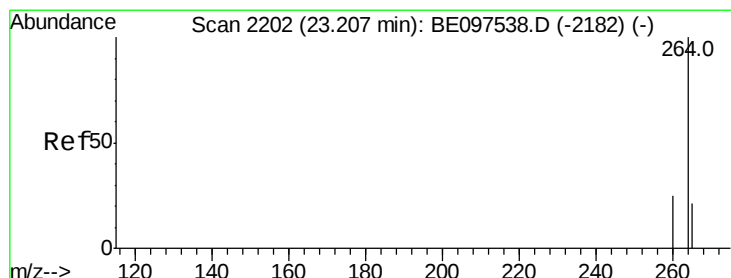
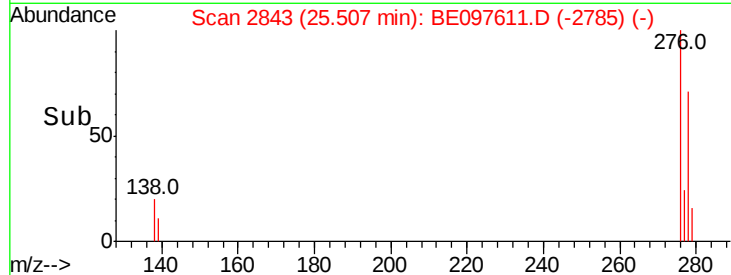
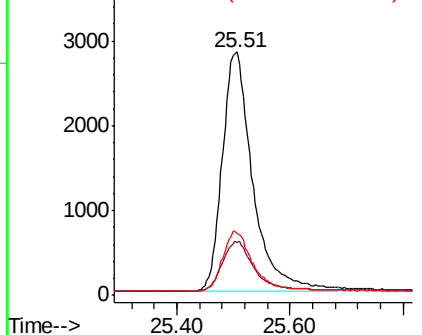


Abundance

Ion 276.00 (275.70 to 276.70): E

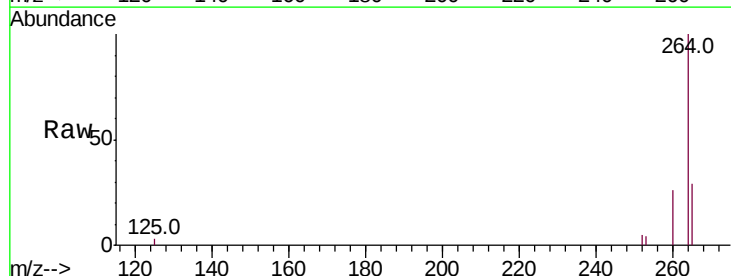
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2201
 Delta R.T. 0.00 min
 Lab File: BE097611.D
 Acq: 21 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.8	20.5	30.7
265	28.8	22.8	34.2

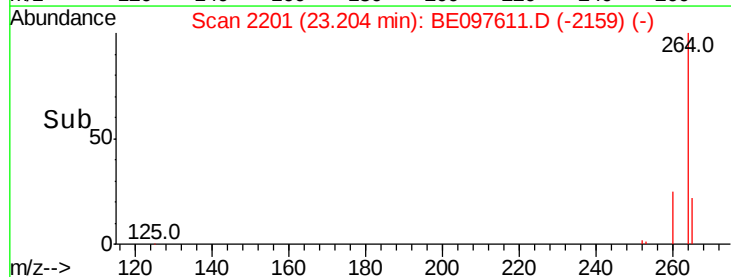
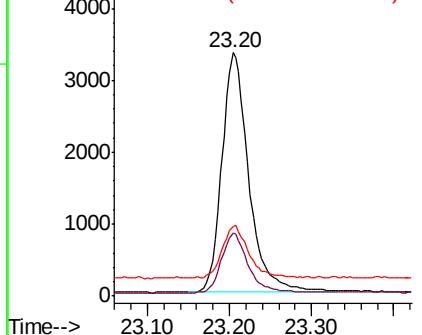


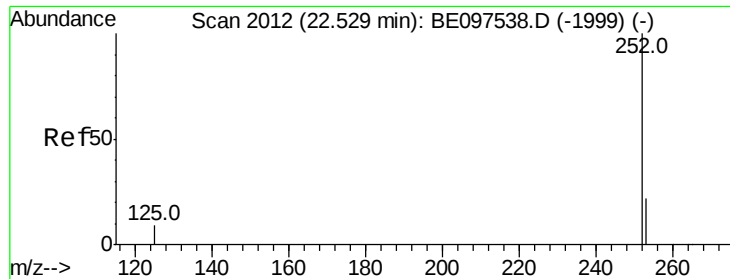
Abundance

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





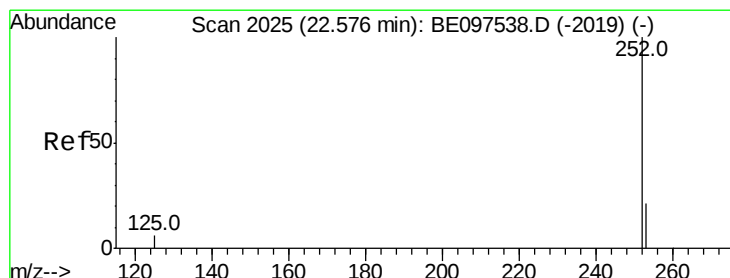
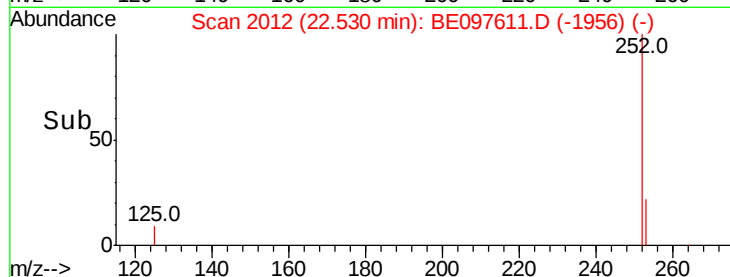
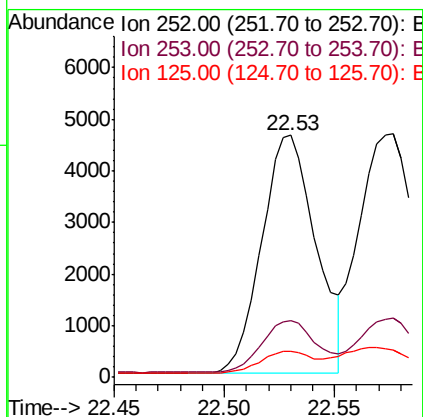
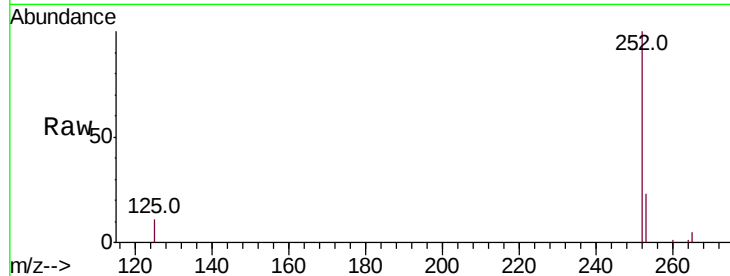
#35
Benzo(b)fluoranthene
Concen: 0.405 ng
RT: 22.53 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Instrument :
BNA_E
ClientSampleId :
PB112840BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.0	30.0
125	10.8	16.0	24.0

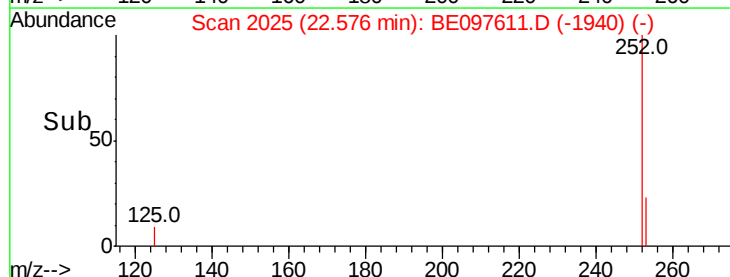
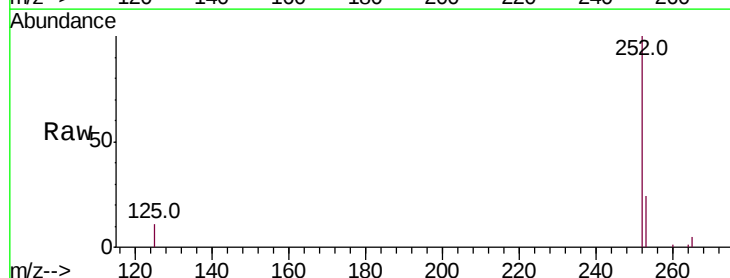
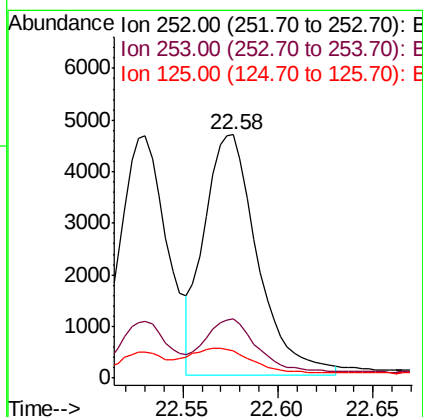
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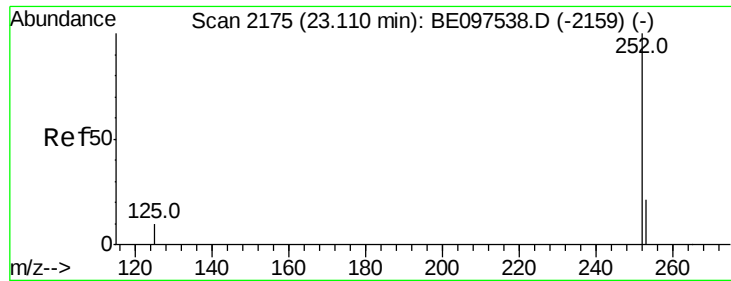
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#36
Benzo(k)fluoranthene
Concen: 0.408 ng m
RT: 22.58 min Scan# 2025
Delta R.T. 0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	16.0	24.0
125	11.0	8.0	12.0





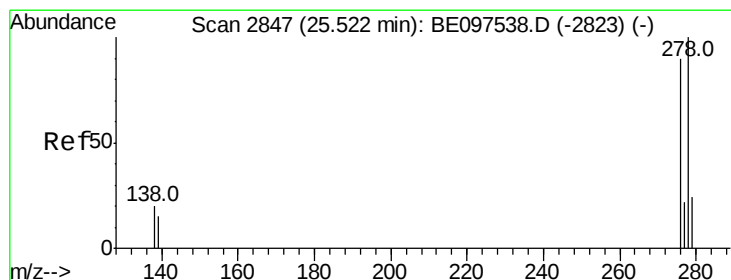
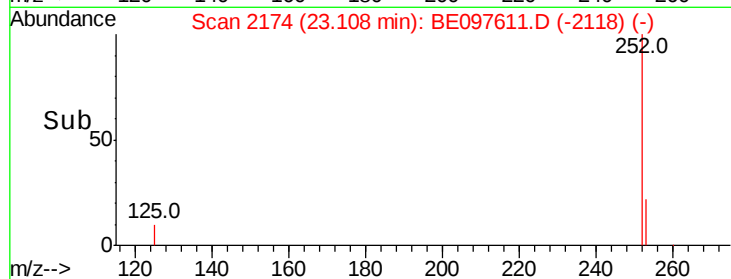
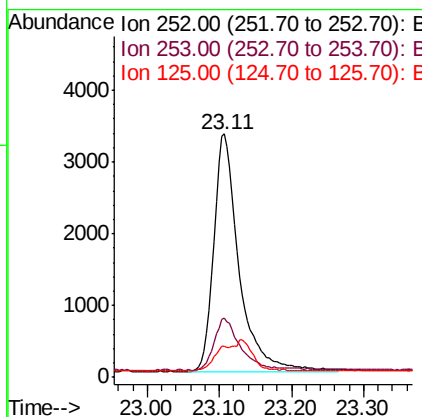
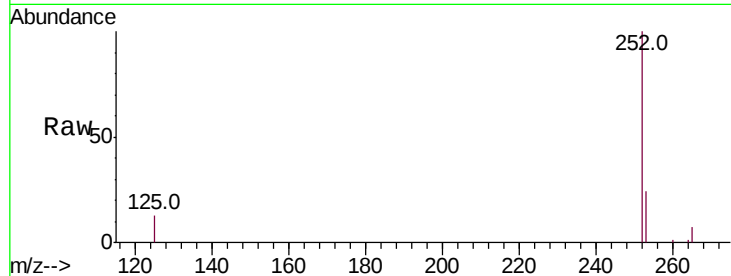
#37
Benzo(a)pyrene
Concen: 0.425 ng
RT: 23.11 min Scan# 2174
Delta R.T. 0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Instrument :
BNA_E
ClientSampleId :
PB112840BSD

Tot Ion:252 Resp: 8075
Ion Ratio Lower Upper
252 100
253 24.3 16.0 24.0#
125 12.7 12.0 18.0

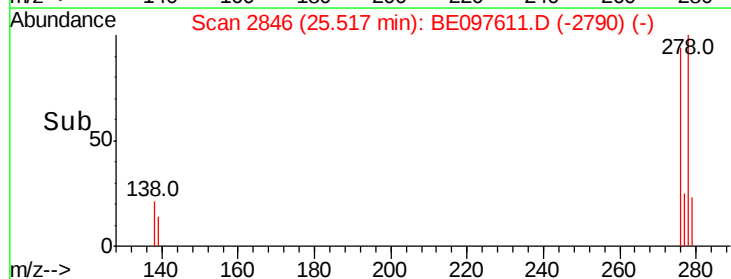
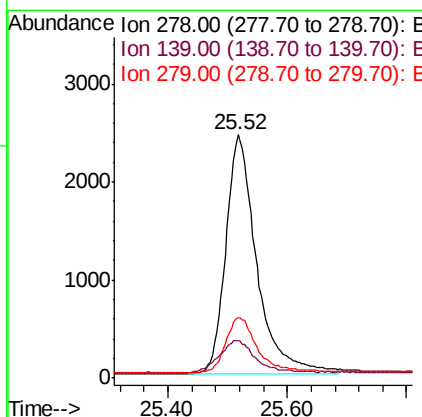
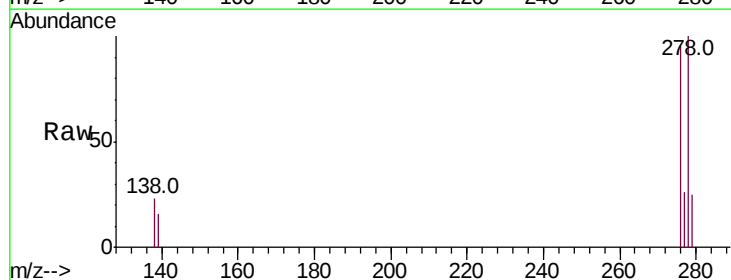
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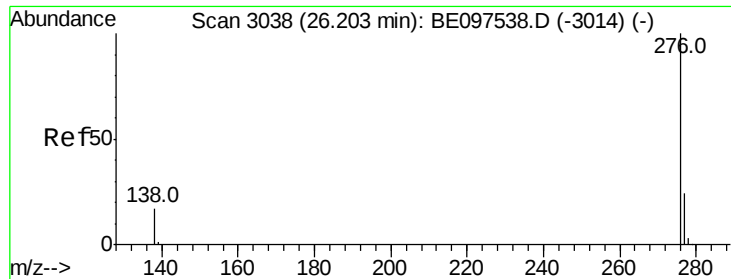
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#38
Dibenzo(a,h)anthracene
Concen: 0.426 ng
RT: 25.52 min Scan# 2846
Delta R.T. -0.00 min
Lab File: BE097611.D
Acq: 21 Sep 2018 14:48

Tgt Ion:278 Resp: 8722
Ion Ratio Lower Upper
278 100
139 15.6 16.0 24.0#
279 25.1 20.0 30.0





#39

Benzo(a,h,i)perylene

Concen: 0.435 ng

RT: 26.20 min Scan# 3038

Delta R.T. 0.00 min

Lab File: BE097611.D

Acq: 21 Sep 2018 14:48

Instrument :

BNA_E

ClientSampleId :

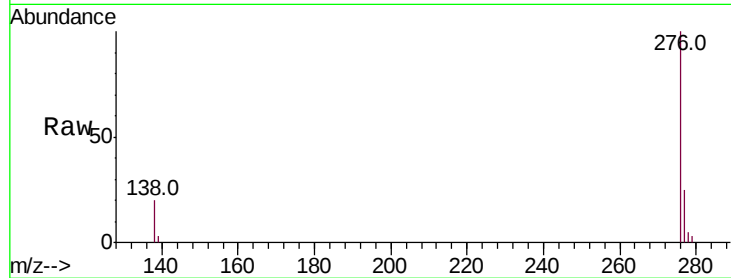
PB112840BSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	25.4	16.0	24.0#
138	20.1	20.0	30.0

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

