

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092518\
 Data File : BE097675.D
 Acq On : 26 Sep 2018 1:53
 Operator : SJ/JU
 Sample : J5033-19
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-EB03-20180919

Manual Integrations
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Sohil
 9/26/2018 6:00:46 PM

Quant Time: Sep 26 08:40:13 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 24 18:40:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	713	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	3324	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2129	0.40	ng	0.00
19) Phenanthrene-d10	16.77	188	6833	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8656	0.40	ng	0.00
34) Perylene-d12	23.20	264	8572	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	406	0.22	ng	0.00
5) Phenol-d6	6.66	99	281m	0.11	ng	0.04
8) Nitrobenzene-d5	8.55	82	981	0.47	ng	0.00
11) 2-Methylnaphthalene-d10	11.73	152	2192	0.45	ng	0.00
14) 2,4,6-Tribromophenol	15.54	330	81	0.15	ng	0.01
15) 2-Fluorobiphenyl	12.63	172	3626	0.52	ng	0.00
25) Fluoranthene-d10	18.80	212	38072	0.51	ng	0.00
29) Terphenyl-d14	19.41	244	7457	0.44	ng	0.00
Target Compounds						
9) Naphthalene	10.18	128	982	0.033	ng	# 74
32) Bis(2-ethylhexyl)phthalate	20.89	149	2428	0.104	ng	# 99

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

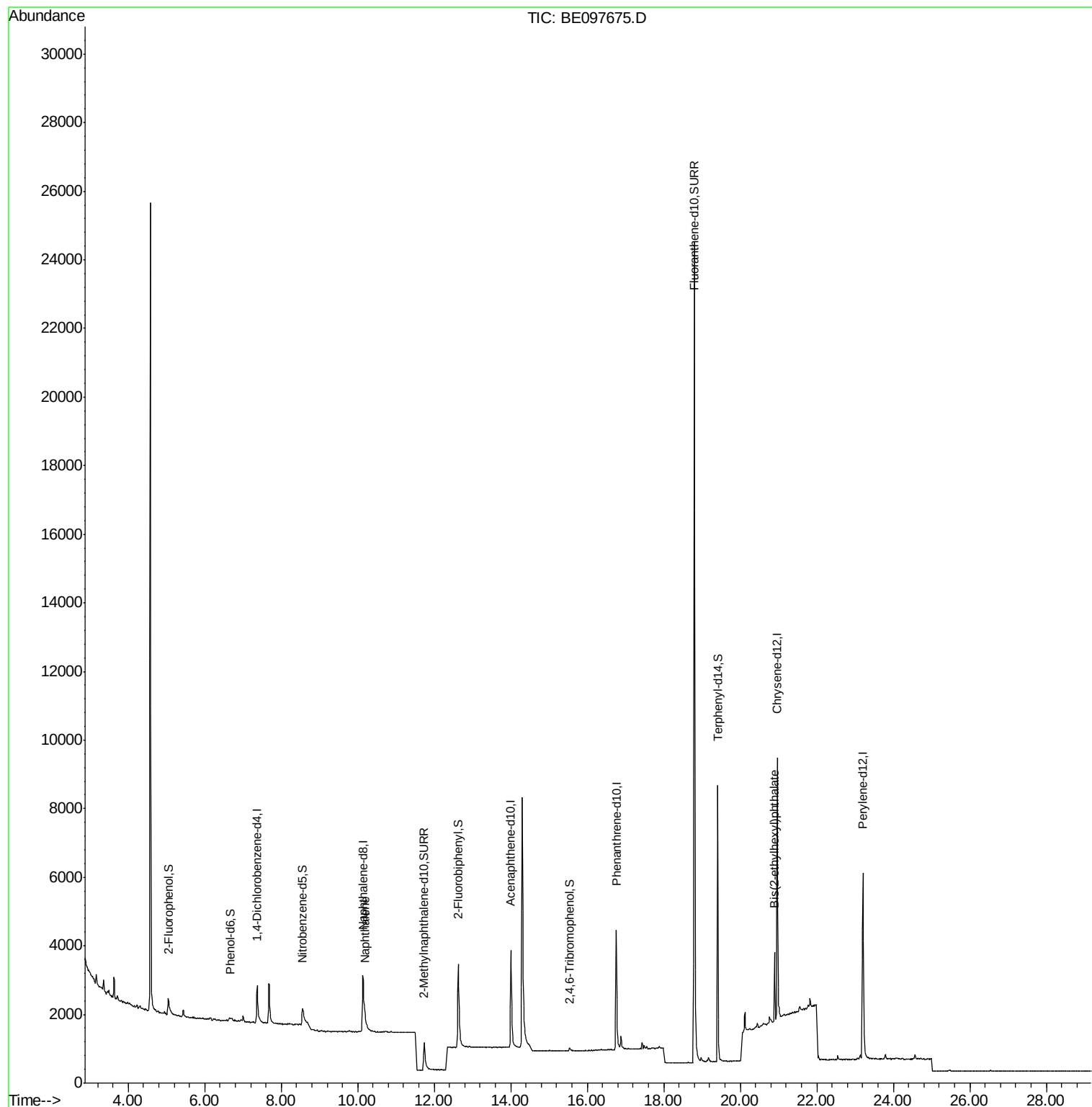
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092518\
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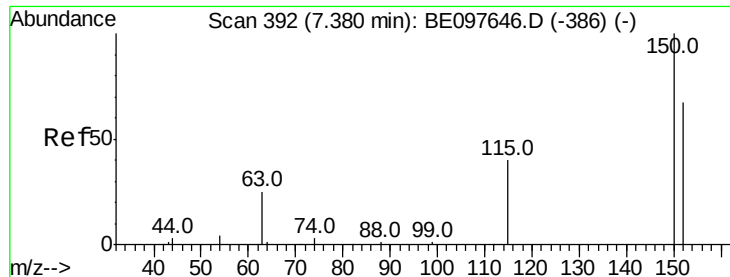
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#1

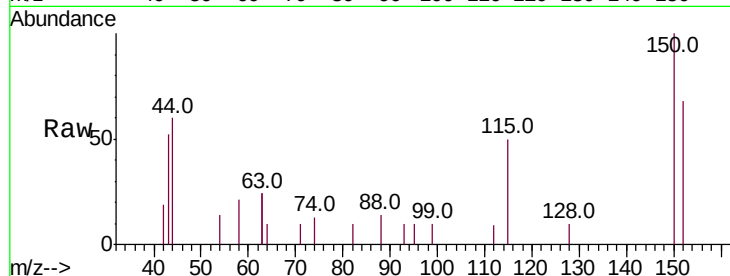
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097675.D
Acq: 26 Sep 2018 1:53

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BP-TT-EB03-20180919

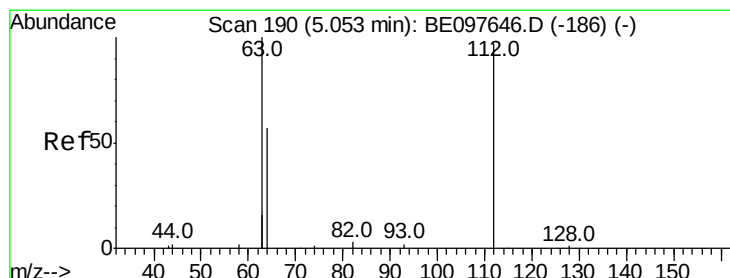
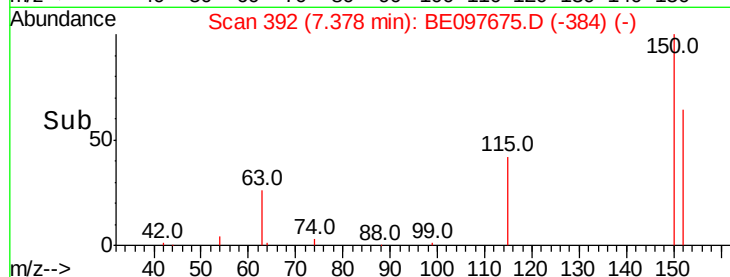
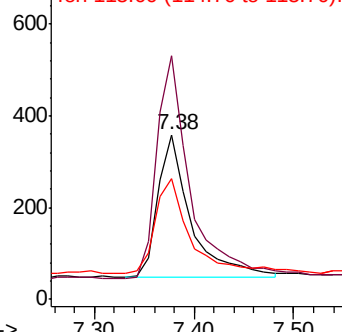
Tot Ion	Ratio	Lower	Upper
152	100		
150	147.9	117.2	175.8
115	73.5	57.0	85.6

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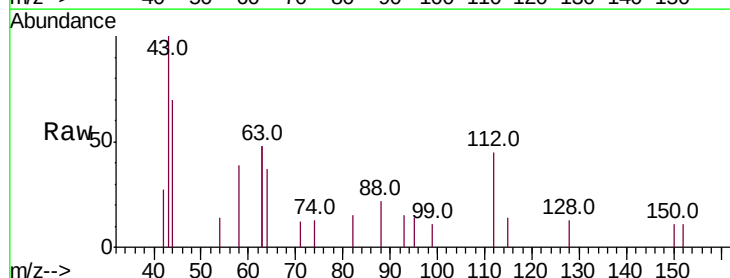
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



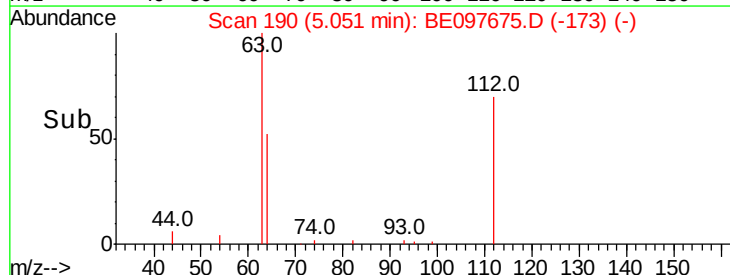
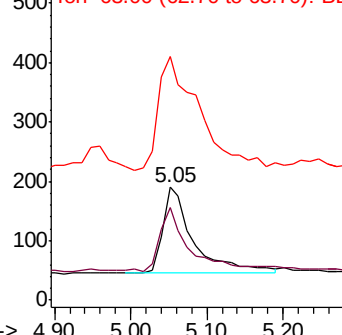
#4

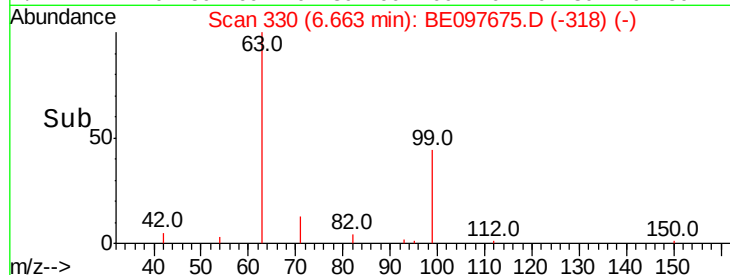
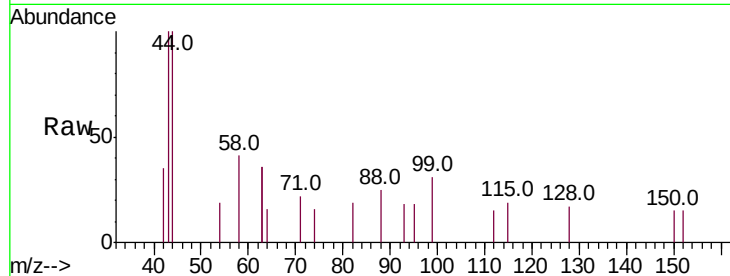
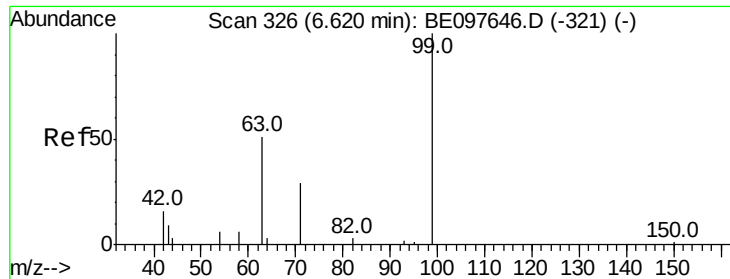
2-Fluorophenol
Concen: 0.216 ng
RT: 5.05 min Scan# 190
Delta R.T. -0.00 min
Lab File: BE097675.D
Acq: 26 Sep 2018 1:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.9	60.1	90.1
63	184.5	116.8	175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.106 ng/ml

RT: 6.66 min Scan# 330

Delta R.T. 0.04 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

Tot Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	7.5	28.4	42.6#

Instrument :

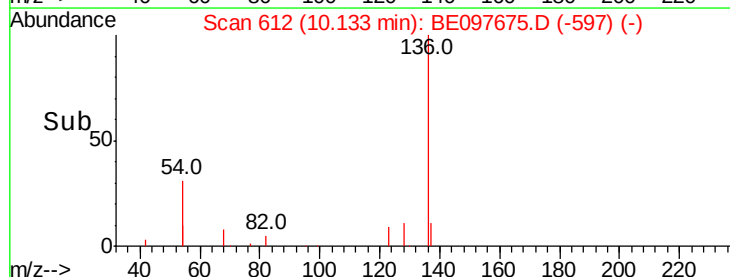
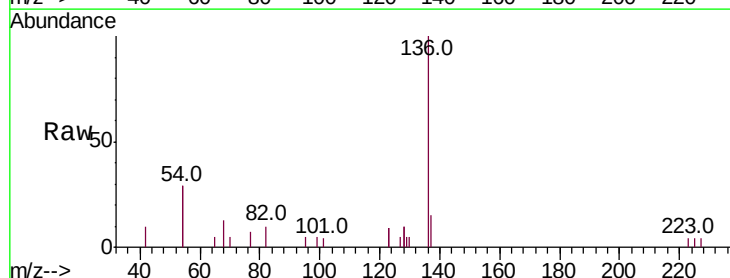
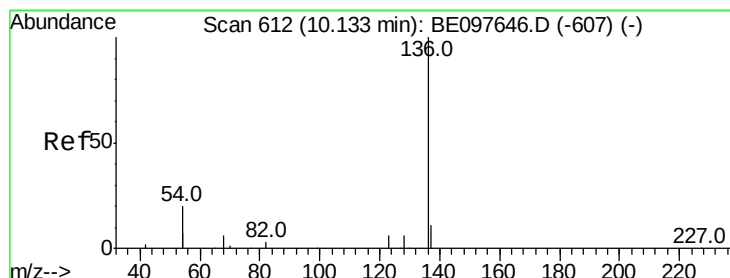
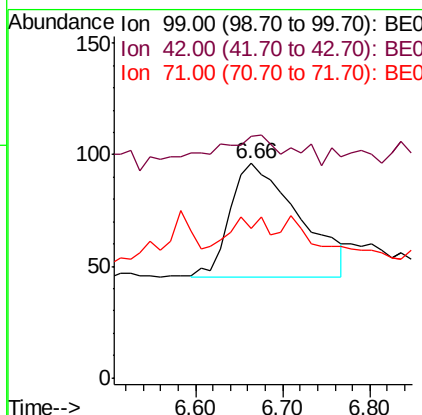
BNA_E

ClientSampleId :

BP-TT-EB03-20180919

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#7

Naphthalene-d8

Concen: 0.400 ng/ml

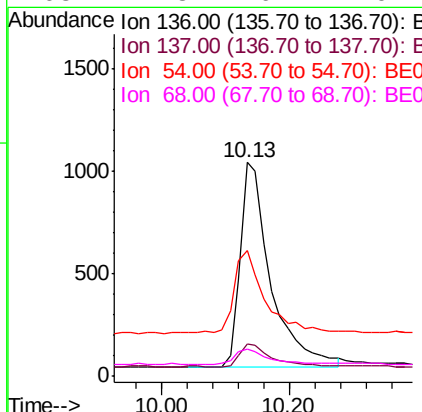
RT: 10.13 min Scan# 612

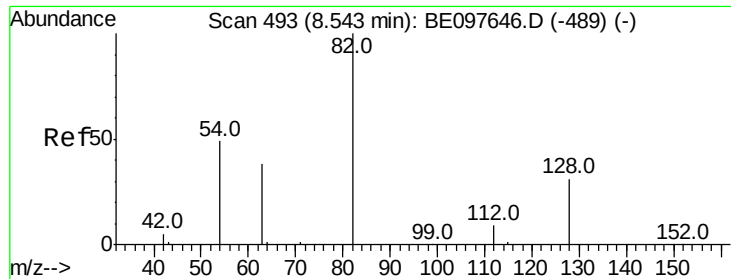
Delta R.T. -0.00 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

Tgt Ion	Ratio	Lower	Upper
136	100		
137	14.8	9.5	14.3#
54	58.7	29.1	43.7#
68	12.8	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.470 ng

RT: 8.55 min Scan# 494

Delta R.T. 0.01 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

Instrument :

BNA_E

ClientSampleId :

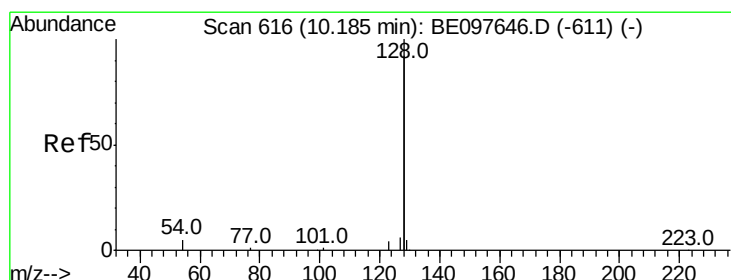
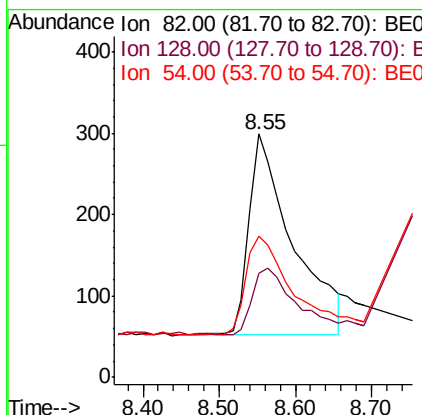
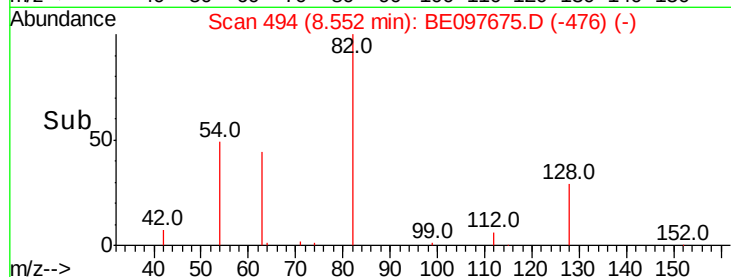
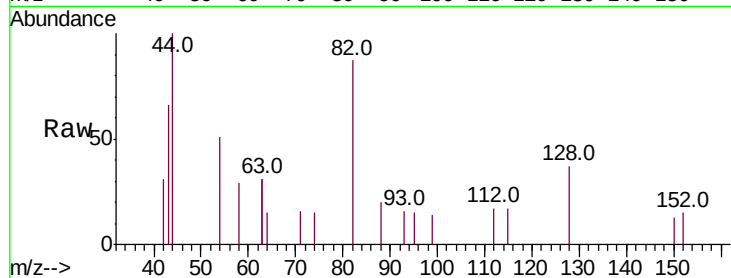
BP-TT-EB03-20180919

Tot Ion	82	Resp:	981
Ion	Ratio	Lower	Upper
82	100		
128	42.8	24.0	36.0#
54	58.2	40.0	60.0

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#9

Naphthalene

Concen: 0.033 ng

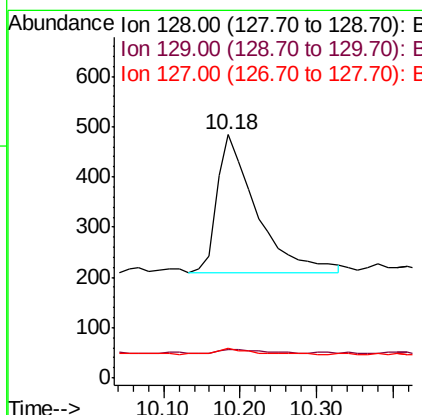
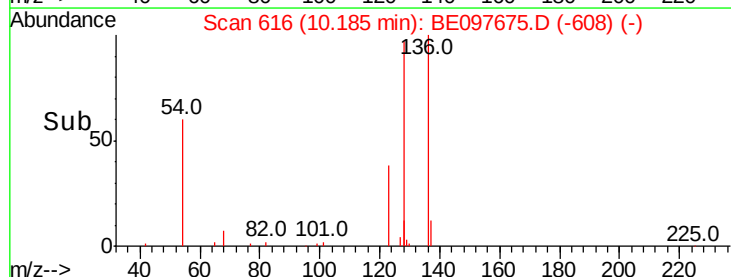
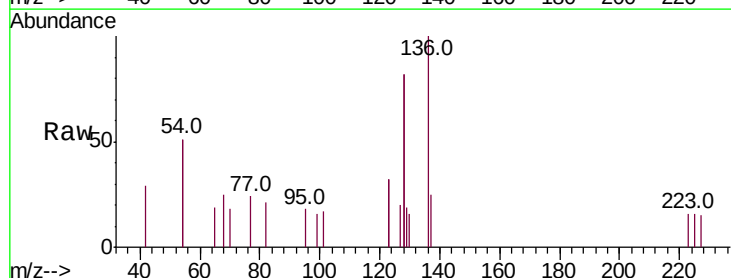
RT: 10.18 min Scan# 616

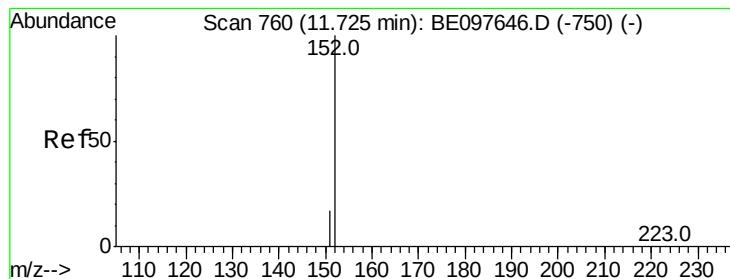
Delta R.T. -0.00 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

Tgt Ion	128	Resp:	982
Ion	Ratio	Lower	Upper
128	100		
129	11.8	2.6	3.8#
127	12.0	2.8	4.2#





#11

2-Methylnaphthalene-d10

Concen: 0.445 ng

RT: 11.73 min Scan# 762

Delta R.T. 0.01 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

Instrument :

BNA_E

ClientSampleId :

BP-TT-EB03-20180919

Tot Ion:152 Resp: 2192

Ion Ratio Lower Upper

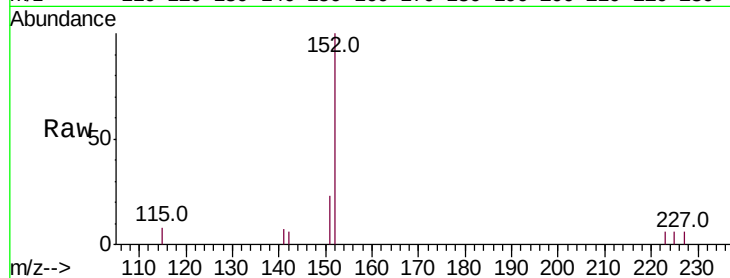
152 100

151 18.9 15.4 23.0

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

11.73

800

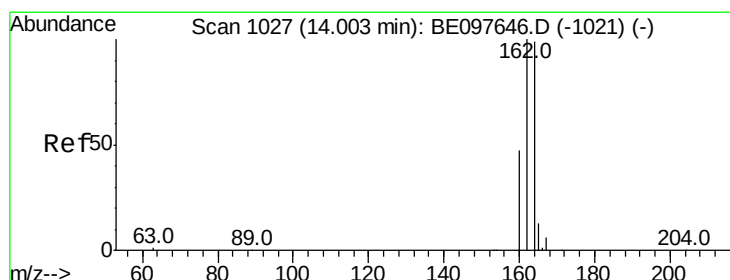
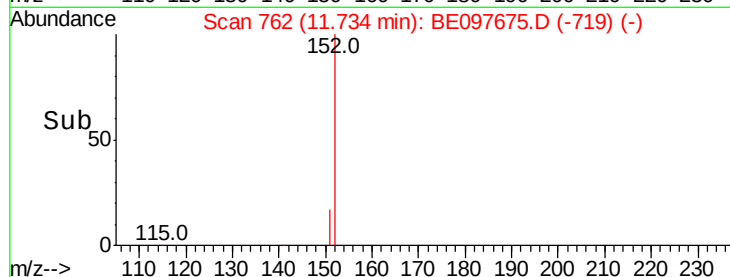
600

400

200

0

Time--> 11.60 11.80



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

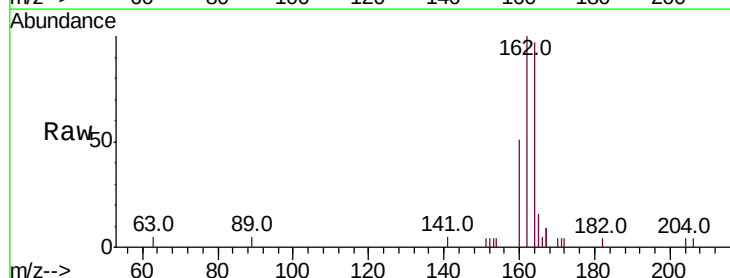
Tgt Ion:164 Resp: 2129

Ion Ratio Lower Upper

164 100

162 102.7 83.1 124.7

160 52.6 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

14.00

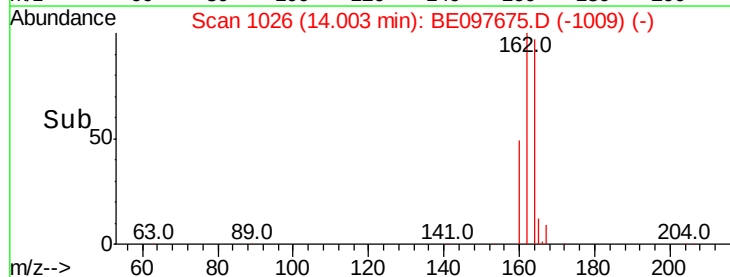
1500

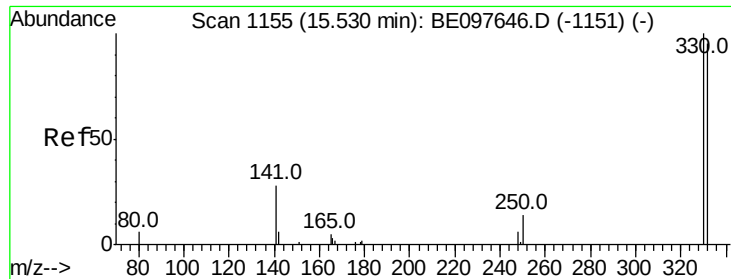
1000

500

0

Time--> 13.90 14.00 14.10 14.20





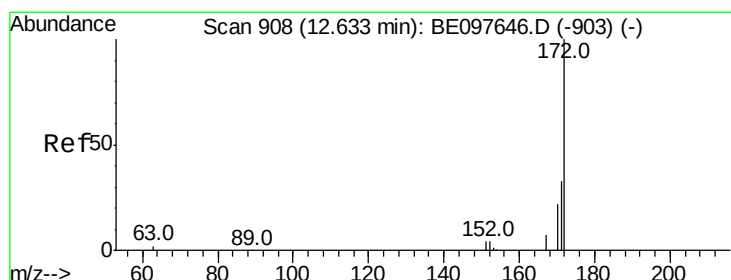
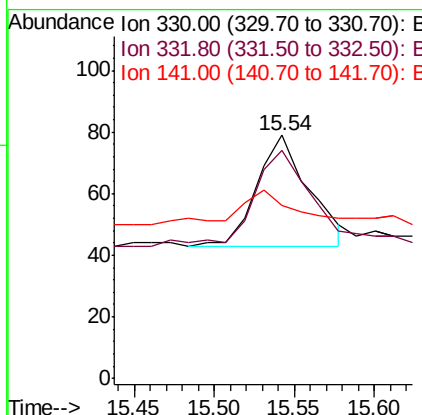
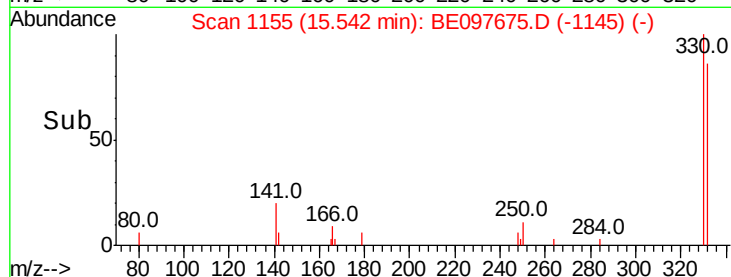
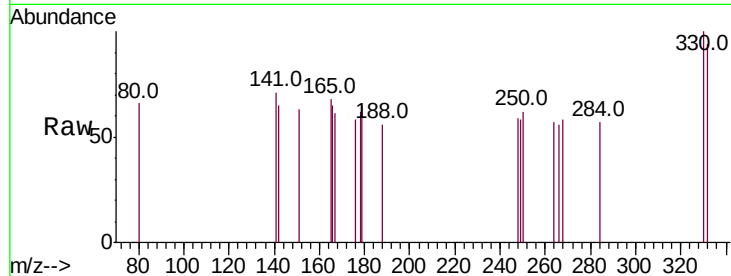
#14
 2,4,6-Tribromophenol
 Concen: 0.153 ng
 RT: 15.54 min Scan# 1155
 Delta R.T. 0.01 min
 Lab File: BE097675.D
 Acq: 26 Sep 2018 1:53

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-EB03-20180919

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.8	152.7	229.1#
141	33.3	33.7	50.5#

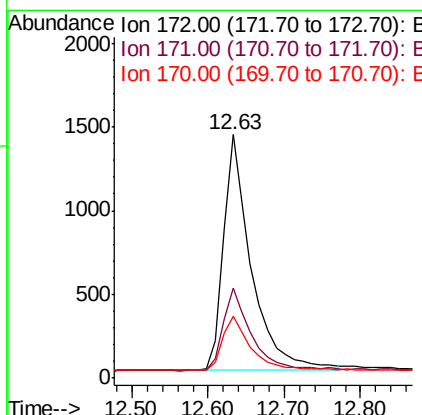
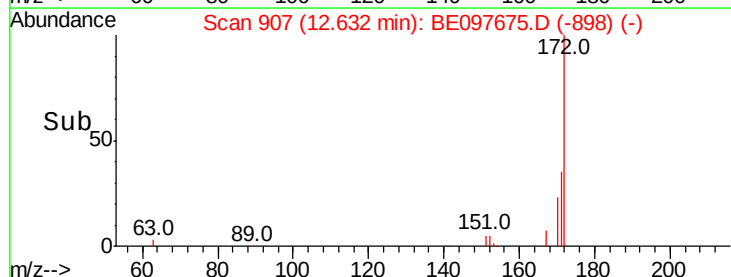
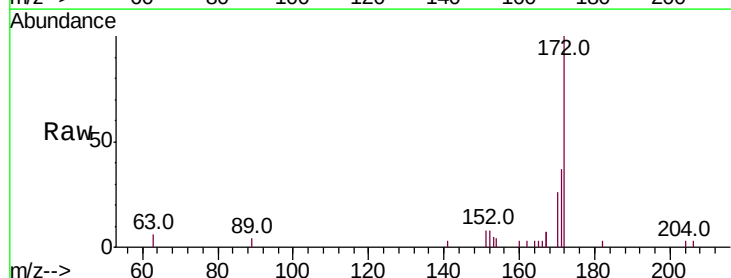
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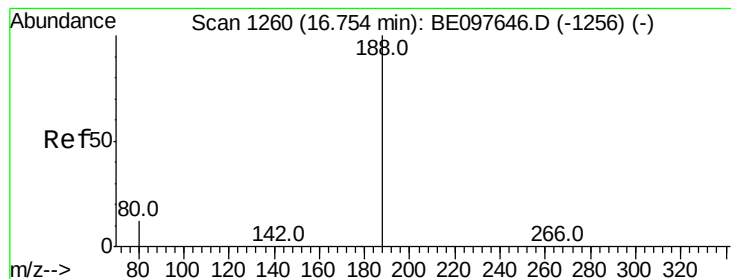
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#15
 2-Fluorobiphenyl
 Concen: 0.522 ng
 RT: 12.63 min Scan# 907
 Delta R.T. -0.00 min
 Lab File: BE097675.D
 Acq: 26 Sep 2018 1:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.9	44.9
170	25.5	21.8	32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1260

Delta R.T. 0.01 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

Instrument :

BNA_E

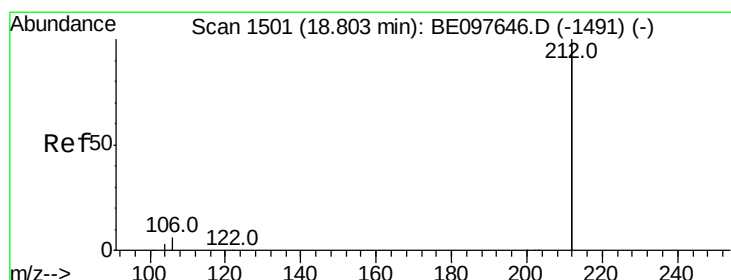
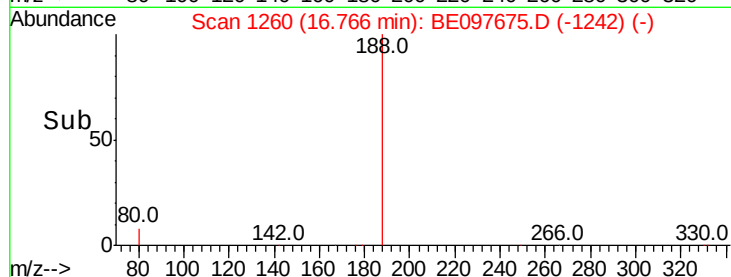
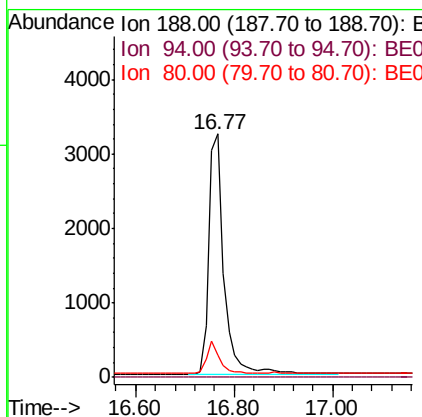
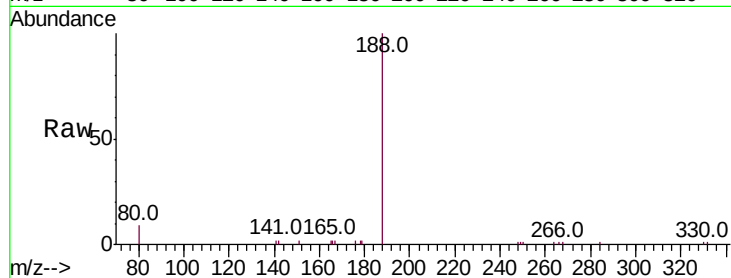
ClientSampleId :

BP-TT-EB03-20180919

Tot Ion:	188	Resp:	6833
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	9.2	3.6	5.4#

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#25

Fluoranthene-d10

Concen: 0.511 ng

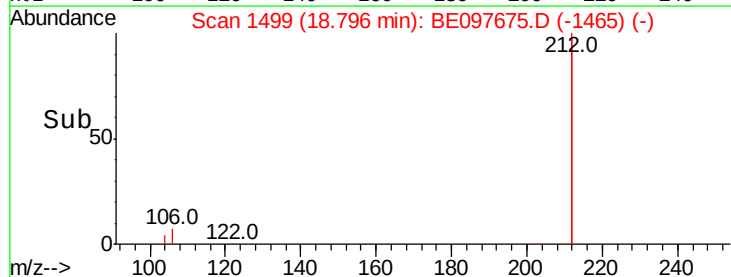
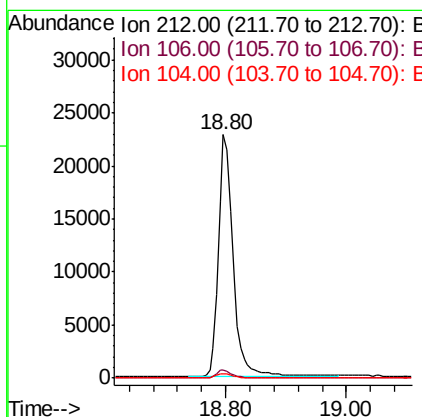
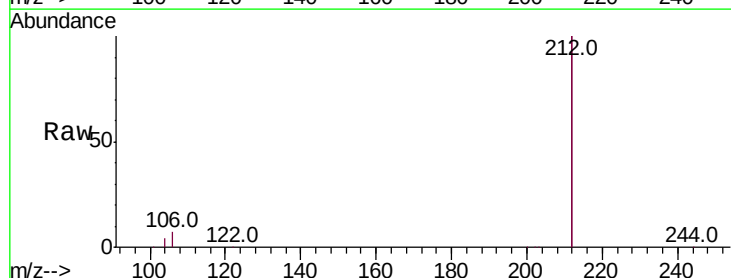
RT: 18.80 min Scan# 1499

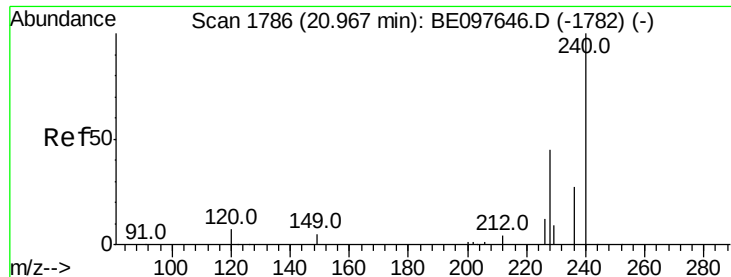
Delta R.T. -0.01 min

Lab File: BE097675.D

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Tgt Ion:	212	Resp:	38072
Ion Ratio	Lower	Upper	
212	100		
106	3.1	2.8	4.2
104	1.7	1.6	2.4





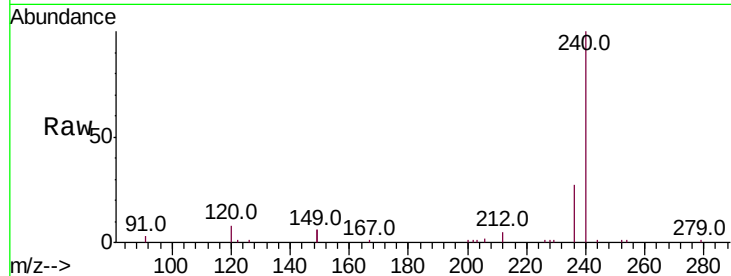
#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1785
 Delta R.T. 0.00 min
 Lab File: BE097675.D
 Acq: 26 Sep 2018 1:53

Instrument :
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 BP-TT-EB03-20180919

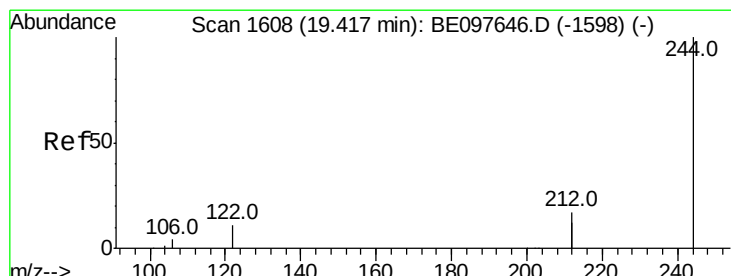
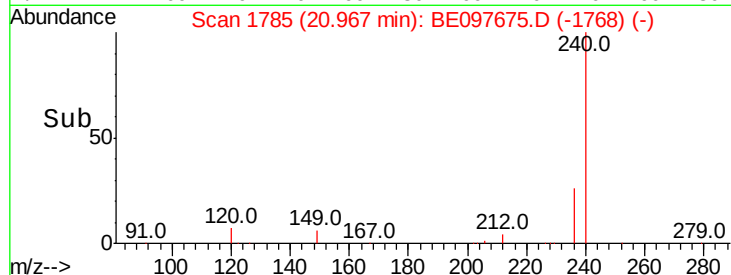
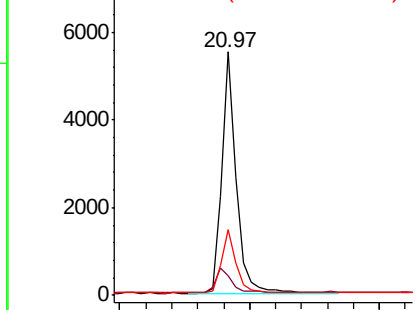
Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	5.5	8.3#
236	26.9	20.7	31.1

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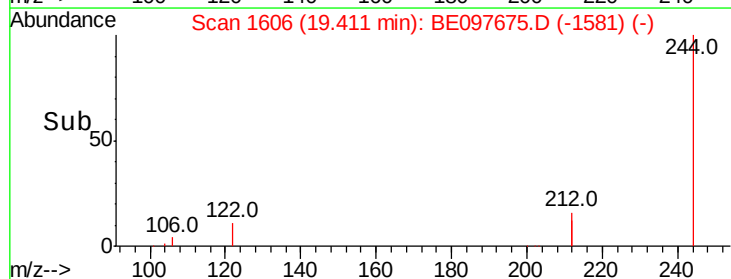
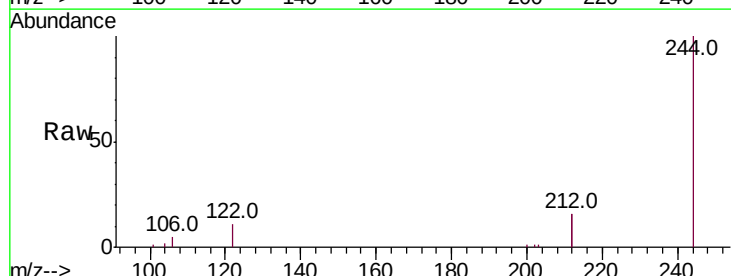
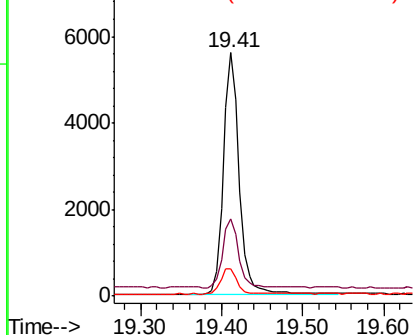
Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

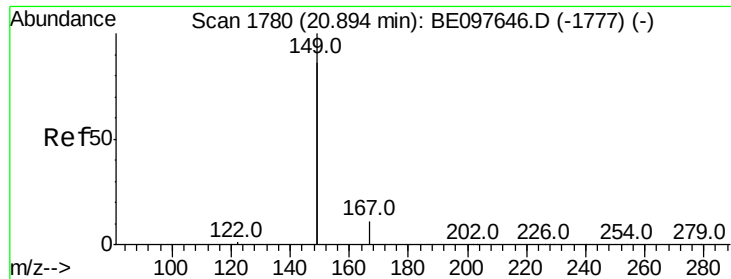


#29
 Terphenyl-d14
 Concen: 0.438 ng
 RT: 19.41 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BE097675.D
 Acq: 26 Sep 2018 1:53

Tgt Ion	Ratio	Lower	Upper
244	100		
212	31.9	25.4	38.0
122	11.4	8.1	12.1

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





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.104 ng

RT: 20.89 min Scan# 1779

Delta R.T. 0.00 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

Instrument :

BNA_E

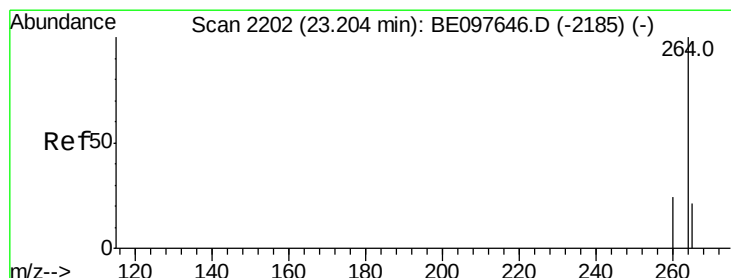
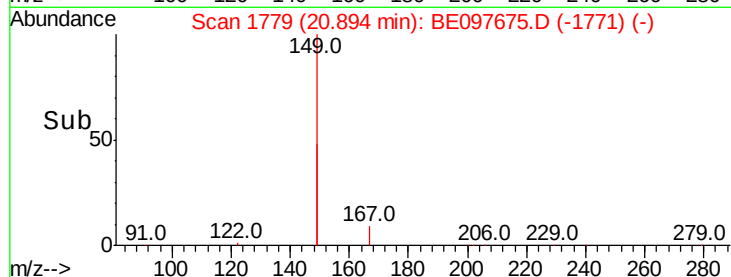
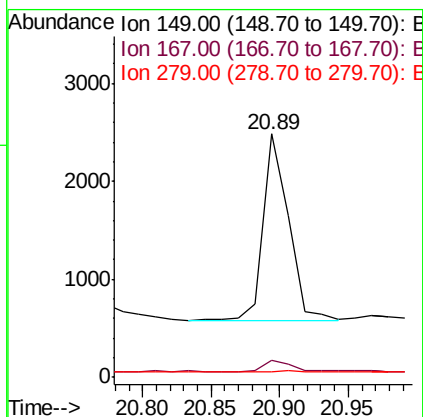
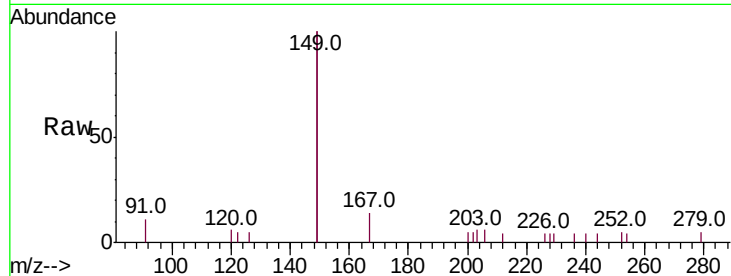
ClientSampleId :

BP-TT-EB03-20180919

Tot Ion:	149	Resp:	2428
Ion Ratio	Lower	Upper	
149	100		
167	6.5	5.4	8.0
279	1.2	0.7	1.1#

Manual Integrations
APPROVED

Sohil
9/26/2018 6:00:46 PM



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2201

Delta R.T. -0.00 min

Lab File: BE097675.D

Acq: 26 Sep 2018 1:53

Tgt Ion:	264	Resp:	8572
Ion Ratio	Lower	Upper	
264	100		
260	25.8	20.5	30.7
265	28.7	22.8	34.2

