

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091718\
 Data File : BE097523.D
 Acq On : 18 Sep 2018 8:45
 Operator : SJ/JU
 Sample : J4913-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305D-20180911

Manual Integrations
 APPROVED

Sohil
 9/18/2018 5:56:30 PM

Quant Time: Sep 18 10:56:42 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091718.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Sep 17 18:57:11 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	983	0.40	ng	0.00
7) Naphthalene-d8	10.13	136	4582	0.40	ng	0.00
13) Acenaphthene-d10	14.00	164	2725	0.40	ng	0.00
19) Phenanthrene-d10	16.75	188	7529	0.40	ng	-0.01
27) Chrysene-d12	20.97	240	9118	0.40	ng	0.00
34) Perylene-d12	23.20	264	9115	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	603	0.18	ng	0.00
5) Phenol-d6	6.61	99	504m	0.12	ng	0.00
8) Nitrobenzene-d5	8.53	82	1495	0.41	ng	0.00
11) 2-Methylnaphthalene-d10	11.72	152	2745	0.42	ng	0.00
14) 2,4,6-Tribromophenol	15.52	330	658	0.46	ng	-0.01
15) 2-Fluorobiphenyl	12.62	172	5642	0.59	ng	0.00
25) Fluoranthene-d10	18.80	212	39262	0.43	ng	0.00
29) Terphenyl-d14	19.41	244	11551	0.66	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	2055	1.209	ng	97
32) Bis(2-ethylhexyl)phthalate	20.91	149	5222	0.102	ng	100

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

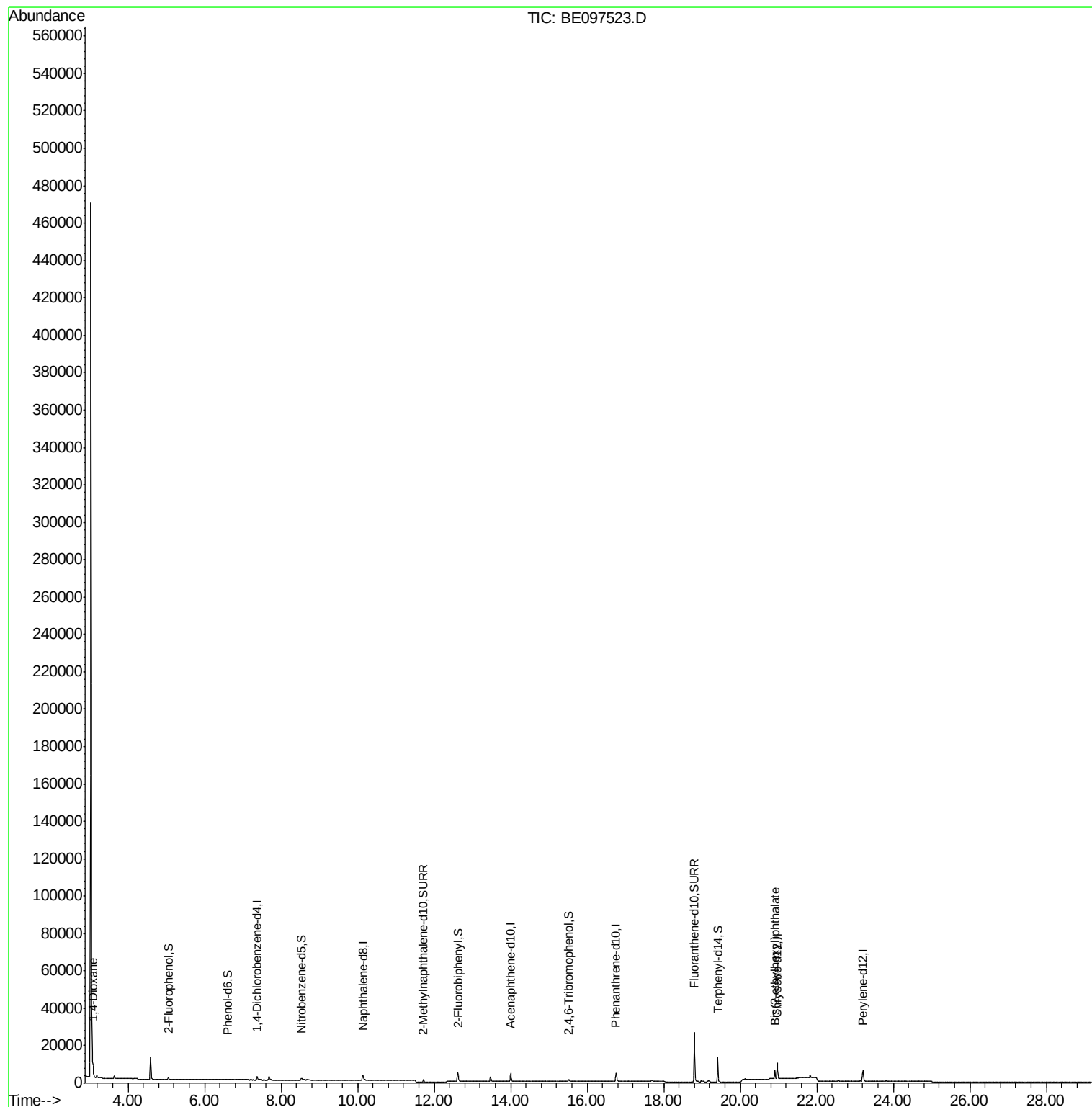
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE091718\
Data File : BE097523.D
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Sample : J4913-02
Misc :
ALS Vial : 25 Sample Multiplier: 1

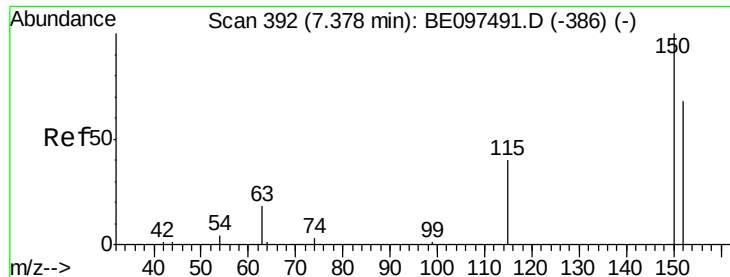
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20180911

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9/18/2018 5:56:30 PM

Quant Time: Sep 18 10:56:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE091718.M
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#1

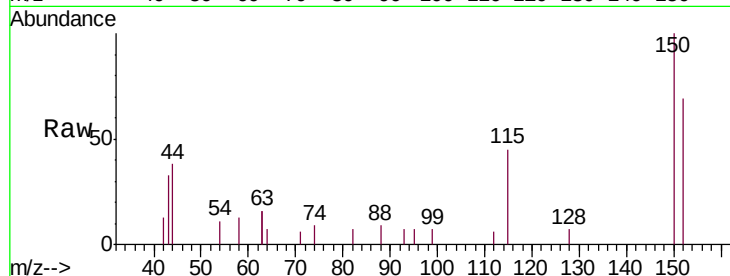
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. 0.00 min
Lab File: BE097523.D
Acq: 18 Sep 2018 8:45

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20180911

Tgt Ion	Ratio	Lower	Upper
152	100		
150	145.0	117.2	175.8
115	65.9	57.0	85.6

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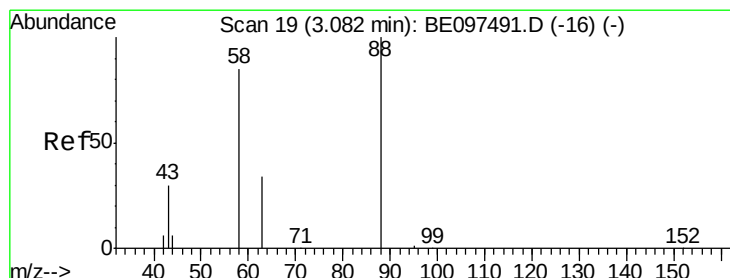
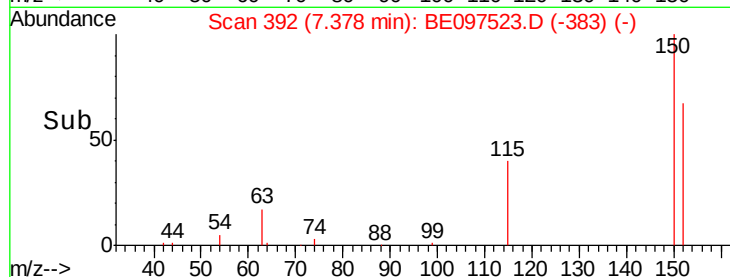
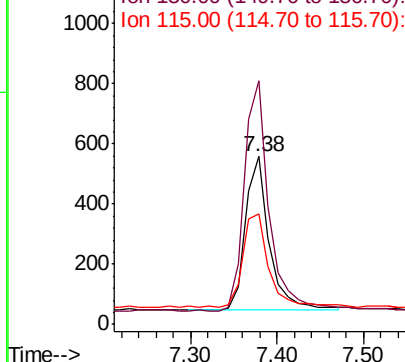


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

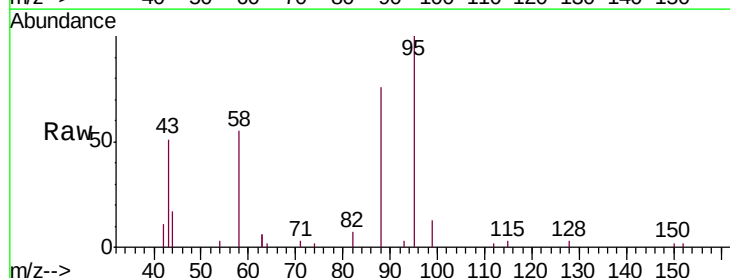
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 1.209 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.00 min
Lab File: BE097523.D
Acq: 18 Sep 2018 8:45

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.4	63.2	94.8
43	54.4	41.2	61.8

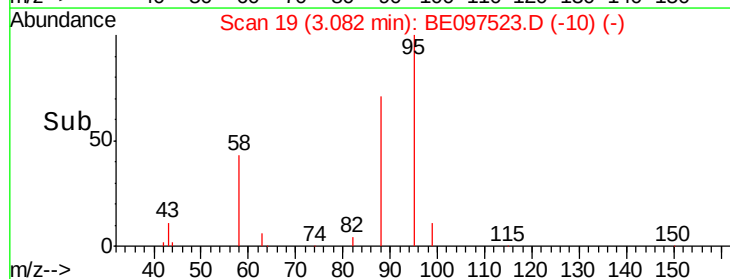
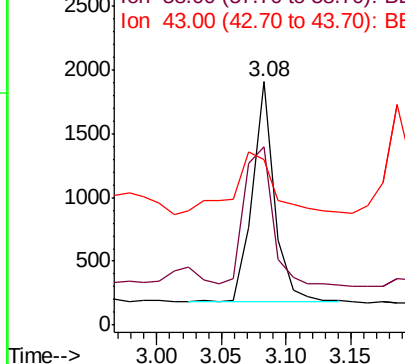


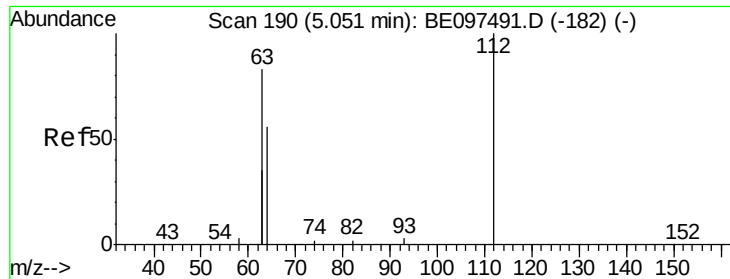
Abundance

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





#4

2-Fluorophenol

Concen: 0.181 ng

RT: 5.05 min Scan# 190

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

Instrument :

BNA_E

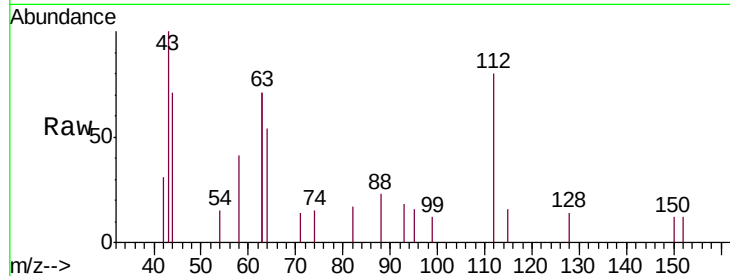
ClientSampleId :

BPS1-TT-MW305D-20180911

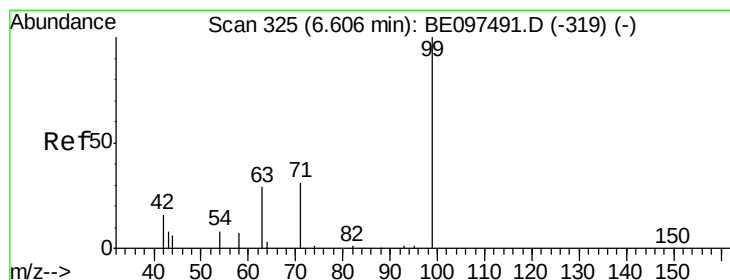
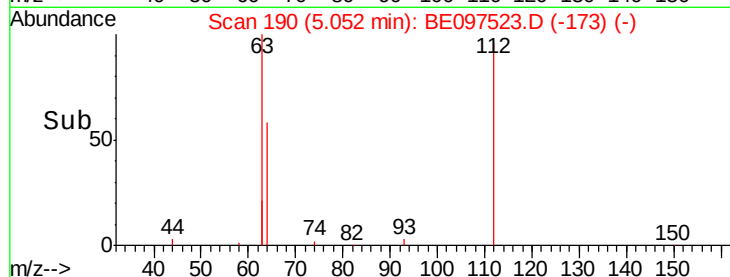
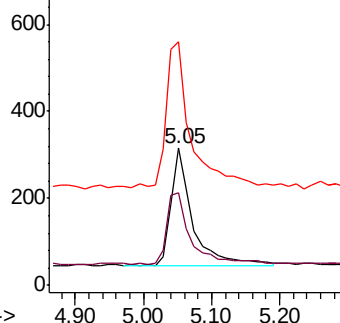
Tgt Ion:	112	Resp:	603
Ion	Ratio	Lower	Upper
112	100		
64	68.0	60.1	90.1
63	139.6	116.8	175.2

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



#5

Phenol-d6

Concen: 0.119 ng m

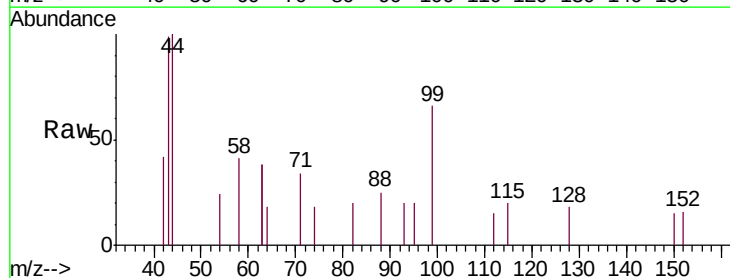
RT: 6.61 min Scan# 325

Delta R.T. 0.00 min

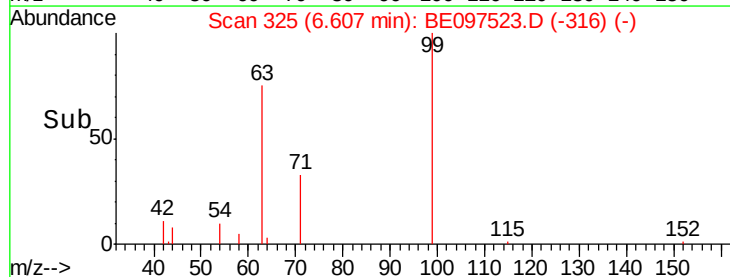
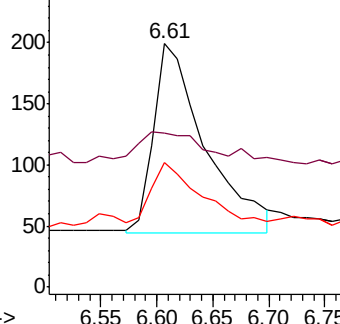
Lab File: BE097523.D

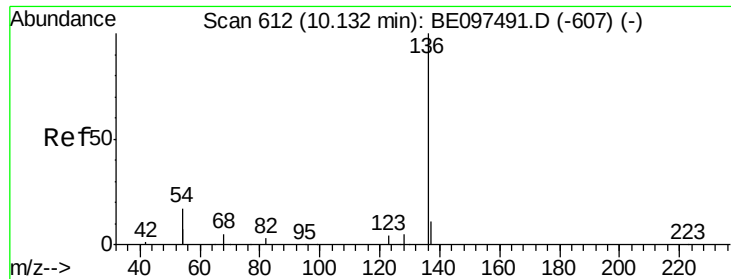
Acq: 18 Sep 2018 8:45

Tgt Ion:	99	Resp:	504
Ion	Ratio	Lower	Upper
99	100		
42	19.8	20.2	30.2#
71	27.0	28.4	42.6#



Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.13 min Scan# 612

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

Instrument :

BNA_E

ClientSampleId :

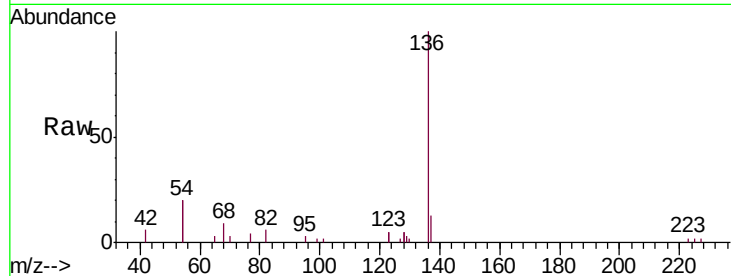
BPS1-TT-MW305D-20180911

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	4582		
137	12.9	9.5	14.3	
54	39.3	29.1	43.7	
68	8.9	6.2	9.2	

Manual Integrations
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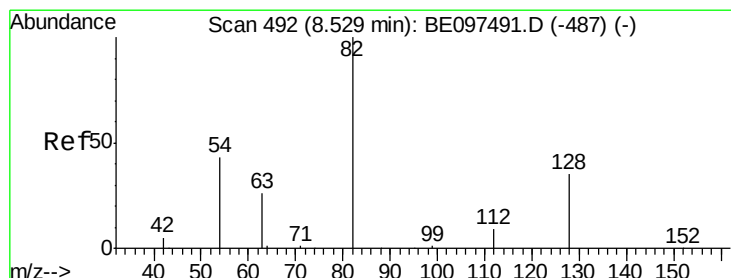
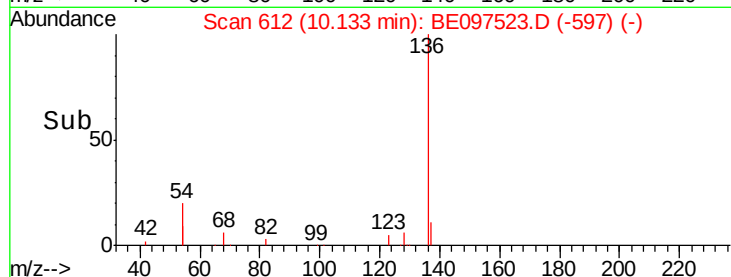
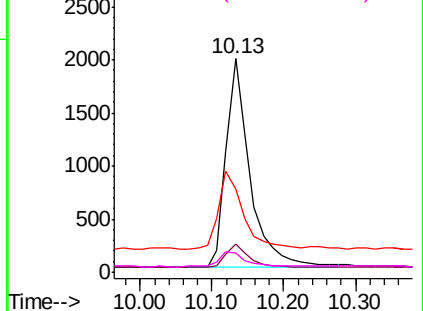
Abundance

Ion 136.00 (135.70 to 136.70): BE0

Ion 137.00 (136.70 to 137.70): BE0

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.405 ng

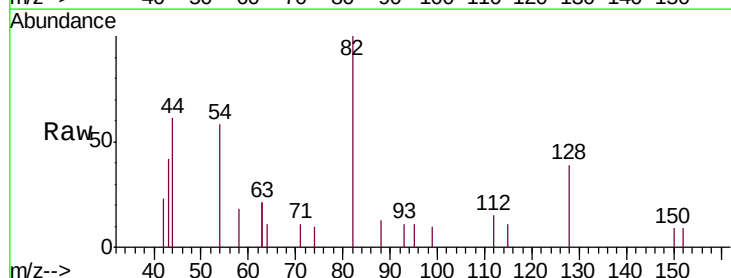
RT: 8.53 min Scan# 492

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1495		
128	39.1	24.0	36.0#	
54	58.4	40.0	60.0	

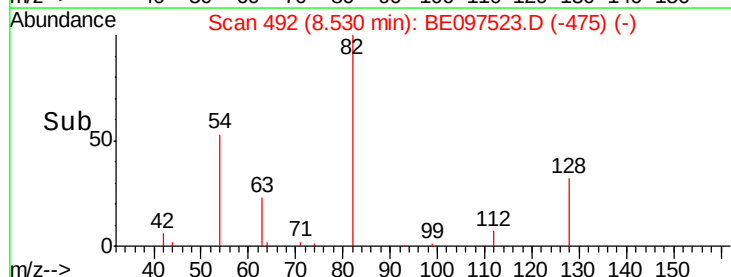
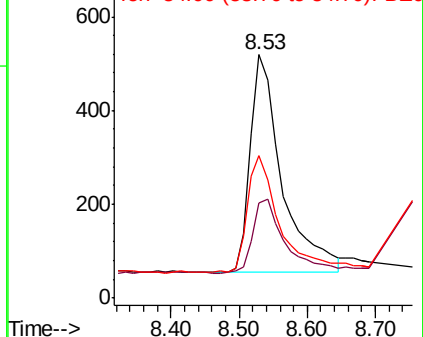


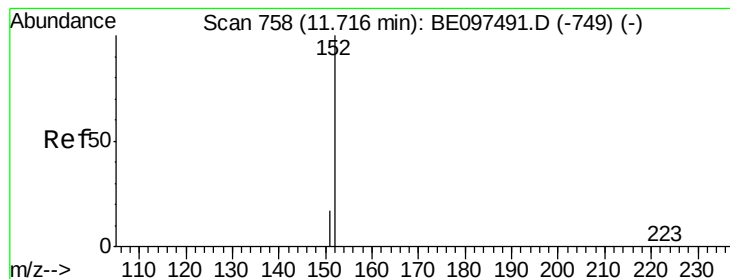
Abundance

Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0





#11

2-Methylnaphthalene-d10

Concen: 0.419 ng

RT: 11.72 min Scan# 759

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW305D-20180911

Tgt Ion:152 Resp: 2745

Ion Ratio Lower Upper

152 100

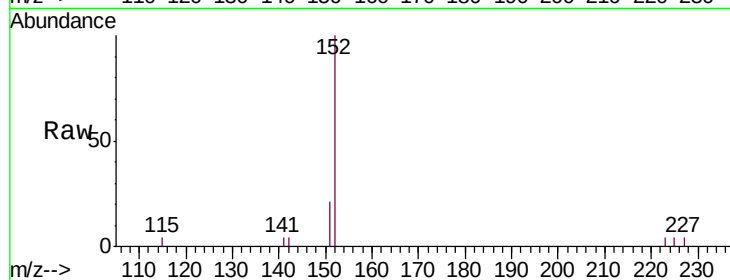
151 19.1 15.4 23.0

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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

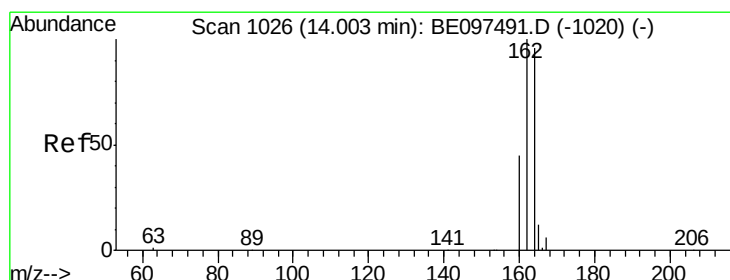
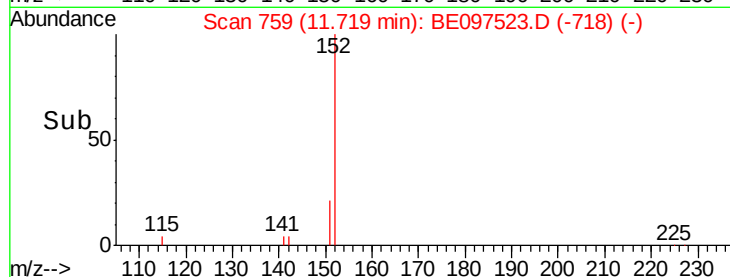
11.72

1000

500

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.00 min Scan# 1027

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

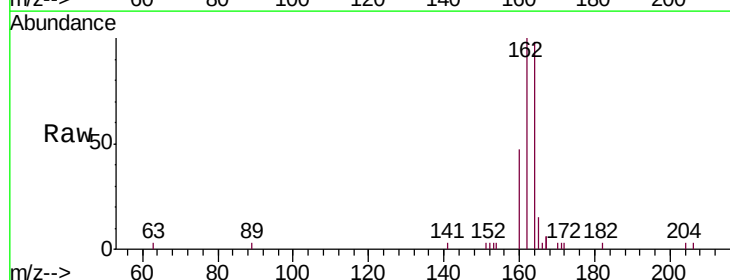
Tgt Ion:164 Resp: 2725

Ion Ratio Lower Upper

164 100

162 101.6 83.1 124.7

160 48.1 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

2000

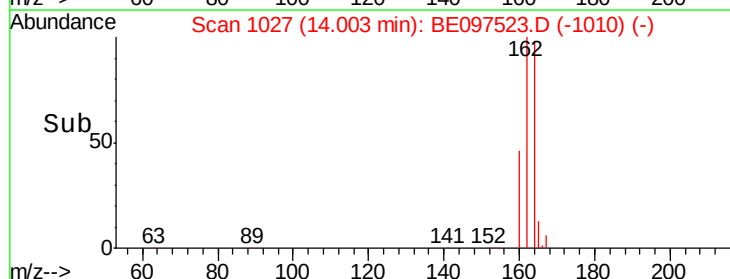
1500

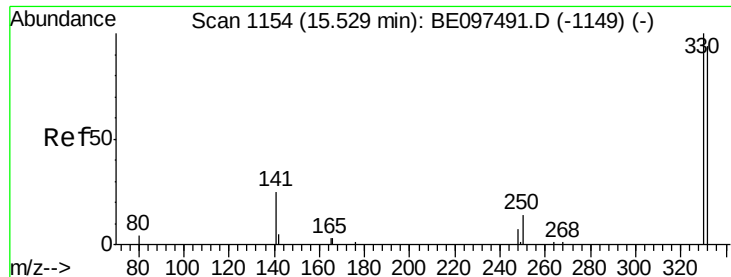
1000

500

0

Time-->





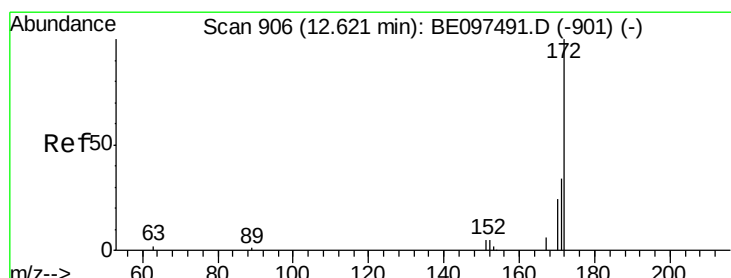
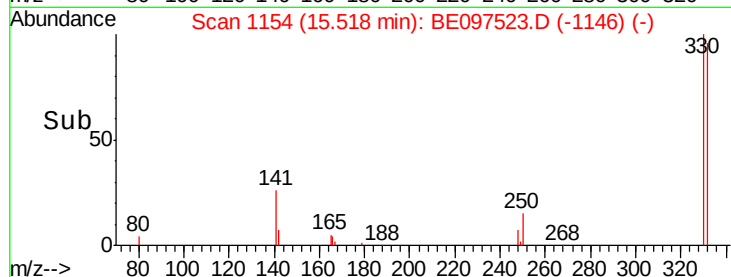
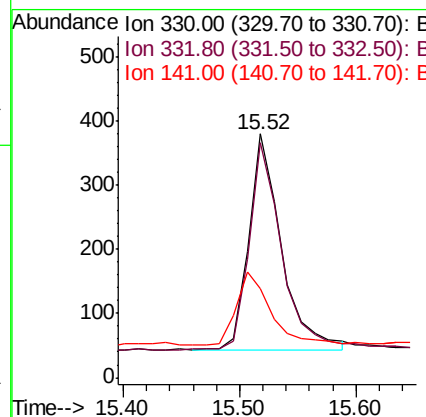
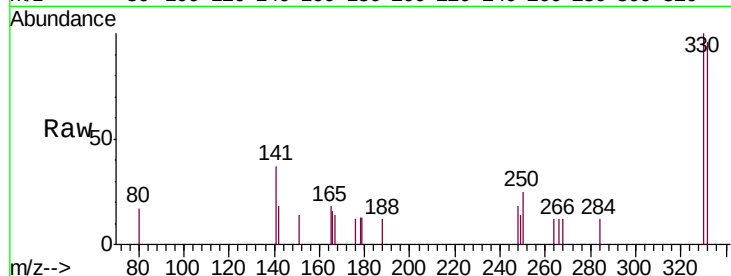
#14
 2,4,6-Tribromophenol
 Concen: 0.457 ng
 RT: 15.52 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BE097523.D
 Acq: 18 Sep 2018 8:45

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305D-20180911

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	152.7	229.1#
141	35.9	33.7	50.5

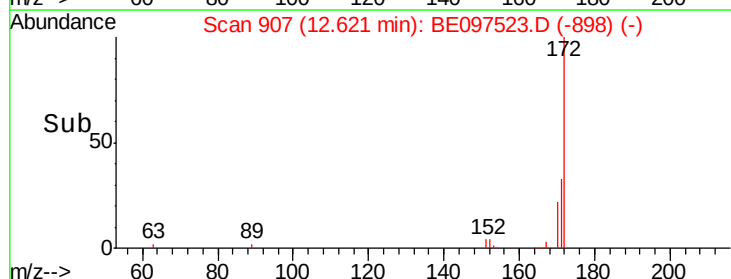
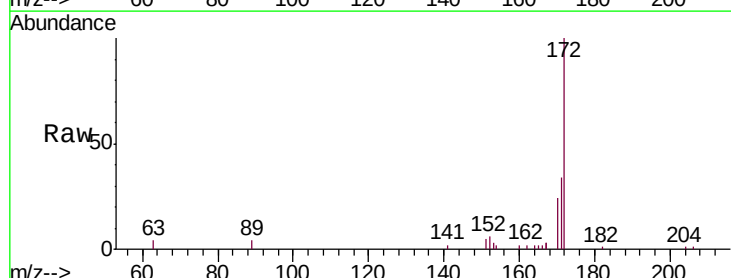
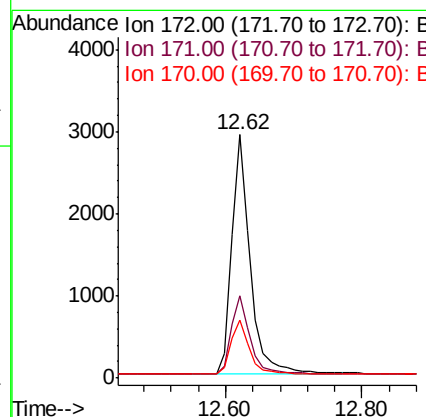
Manual Integrations
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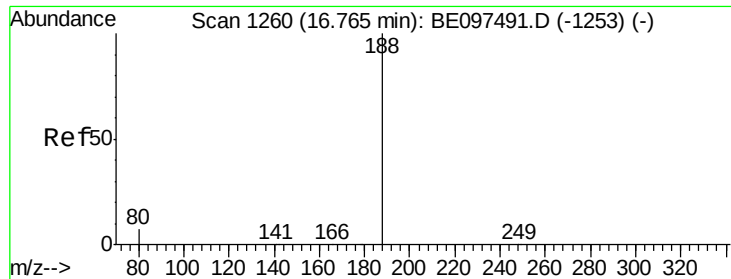
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#15
 2-Fluorobiphenyl
 Concen: 0.593 ng
 RT: 12.62 min Scan# 907
 Delta R.T. 0.00 min
 Lab File: BE097523.D
 Acq: 18 Sep 2018 8:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.9	44.9
170	23.6	21.8	32.8





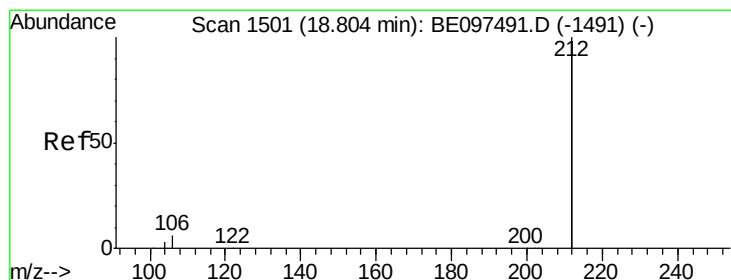
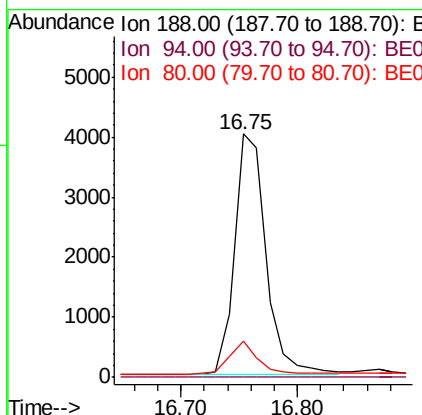
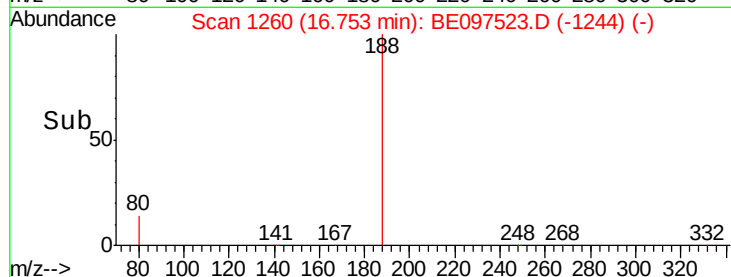
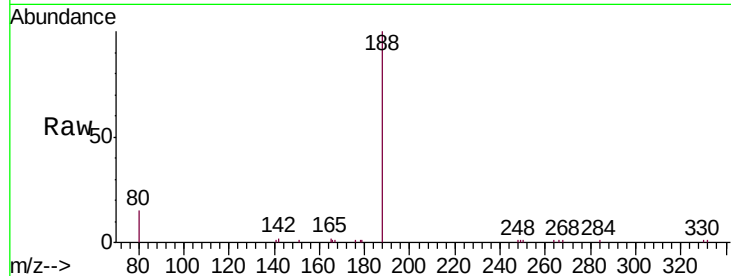
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.75 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BE097523.D
Acq: 18 Sep 2018 8:45

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW305D-20180911

Tgt Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	15.0	3.6	5.4#

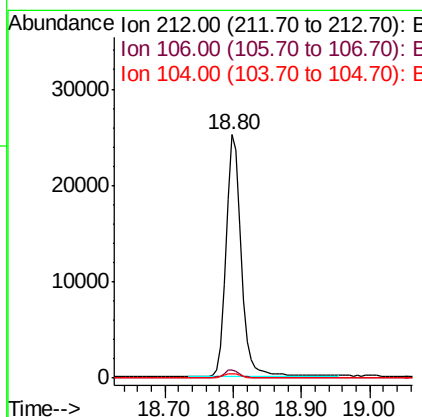
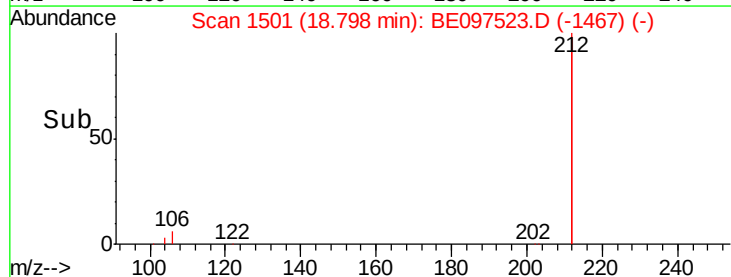
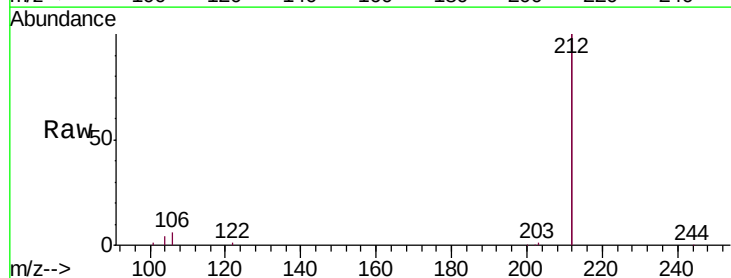
Manual Integrations
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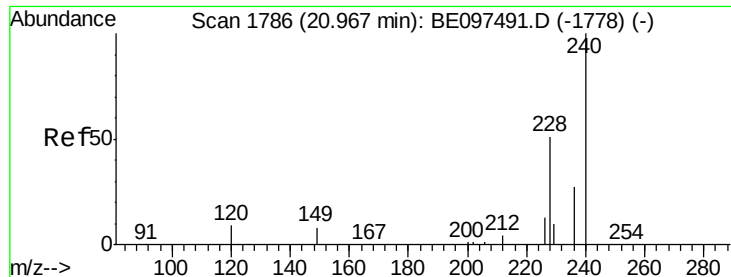
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#25
Fluoranthene-d10
Concen: 0.434 ng
RT: 18.80 min Scan# 1501
Delta R.T. -0.01 min
Lab File: BE097523.D
Acq: 18 Sep 2018 8:45

Tgt Ion	Ratio	Resp 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# 1787

Delta R.T. 0.00 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

Instrument :

BNA_E

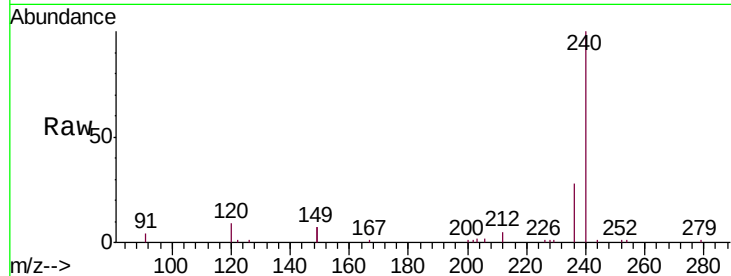
ClientSampleId :

BPS1-TT-MW305D-20180911

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	5.5	8.3#
236	27.8	20.7	31.1

Manual Integrations
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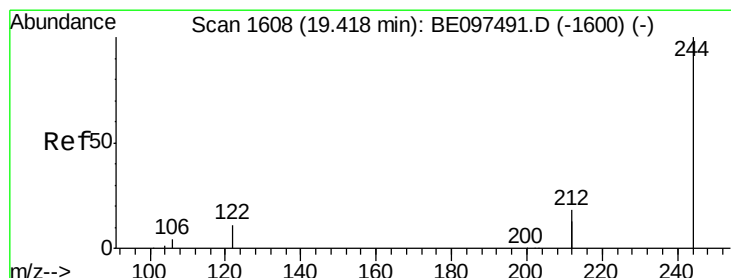
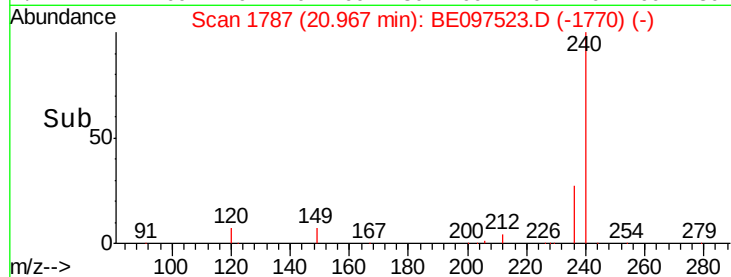
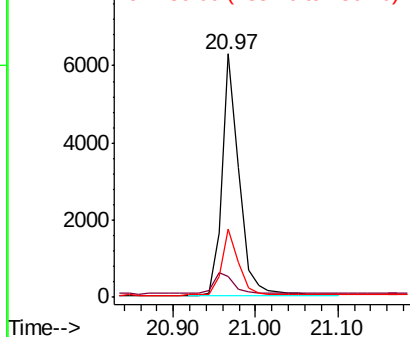


Abundance

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: 0.662 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097523.D

Acq: 18 Sep 2018 8:45

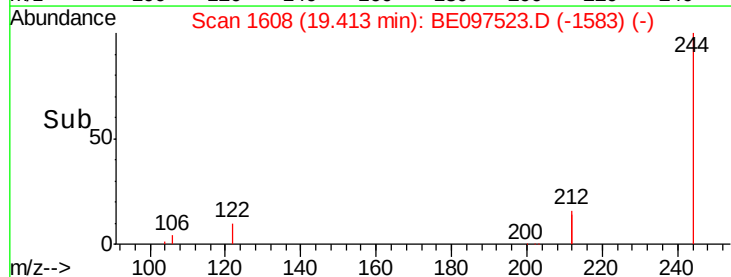
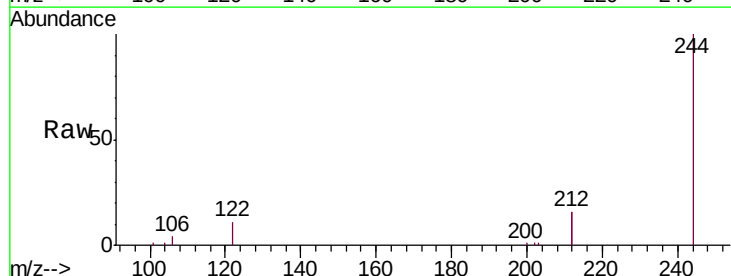
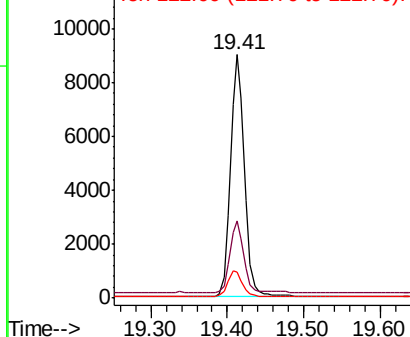
Tgt Ion	Ratio	Lower	Upper
244	100		
212	31.7	25.4	38.0
122	10.7	8.1	12.1

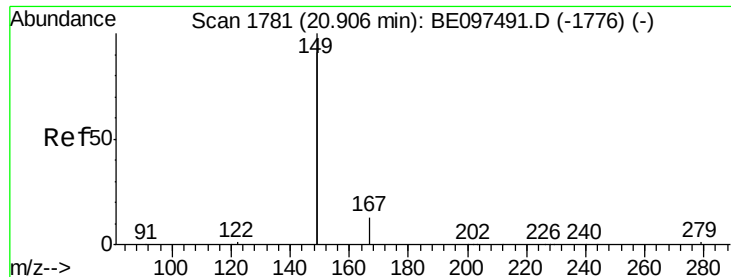
Abundance

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





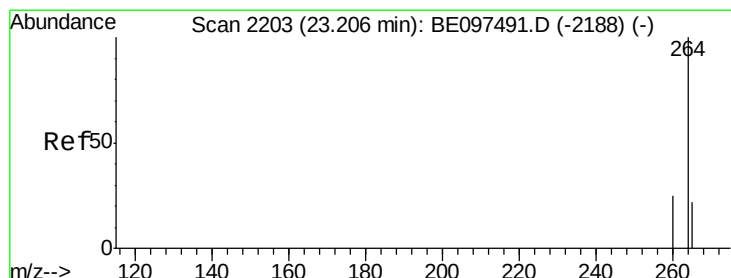
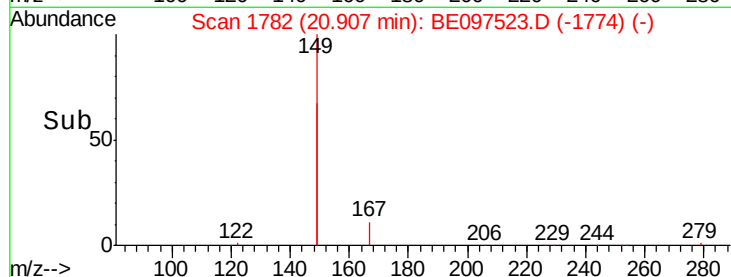
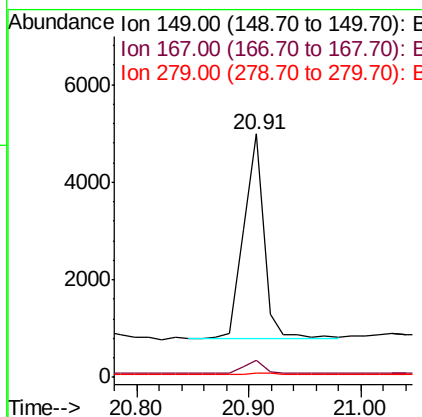
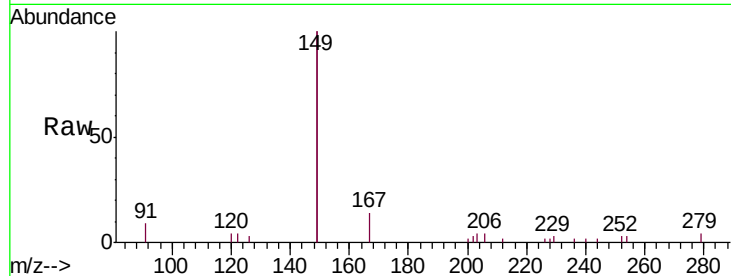
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.102 ng
 RT: 20.91 min Scan# 1782
 Delta R.T. 0.00 min
 Lab File: BE097523.D
 Acq: 18 Sep 2018 8:45

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW305D-20180911

Tgt Ion:	149	Resp:	5222
Ion Ratio	Lower	Upper	
149	100		
167	6.8	5.4	8.0
279	1.1	0.7	1.1

Manual Integrations
 APPROVED

Sohil
 9/18/2018 5:56:30 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BE097523.D
 Acq: 18 Sep 2018 8:45

Tgt Ion:	264	Resp:	9115
Ion Ratio	Lower	Upper	
264	100		
260	24.9	20.5	30.7
265	31.1	22.8	34.2

