

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092518\
 Data File : BE097661.D
 Acq On : 25 Sep 2018 17:17
 Operator : SJ/JU
 Sample : J5033-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-20180918

Manual Integrations
 APPROVED

Sohil
 9/26/2018 6:00:16 PM

Quant Time: Sep 26 08:05:53 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	7.39	152	619	0.40	ng	0.01
7) Naphthalene-d8	10.16	136	2831	0.40	ng	0.03
13) Acenaphthene-d10	14.01	164	1861	0.40	ng	0.01
19) Phenanthrene-d10	16.76	188	6580	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8116	0.40	ng	0.00
34) Perylene-d12	23.20	264	7376	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.06	112	329	0.20	ng	0.01
5) Phenol-d6	6.72	99	246m	0.11	ng	0.10
8) Nitrobenzene-d5	8.60	82	562m	0.34	ng	0.06
11) 2-Methylnaphthalene-d10	11.76	152	1911	0.46	ng	0.04
14) 2,4,6-Tribromophenol	15.51	330	423	0.54	ng	-0.02
15) 2-Fluorobiphenyl	12.64	172	3502	0.58	ng	0.01
25) Fluoranthene-d10	18.80	212	39582	0.55	ng	0.00
29) Terphenyl-d14	19.41	244	7616	0.48	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.07	88	375	0.347	ng	# 81
32) Bis(2-ethylhexyl)phthalate	20.89	149	928	0.042	ng	# 98

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

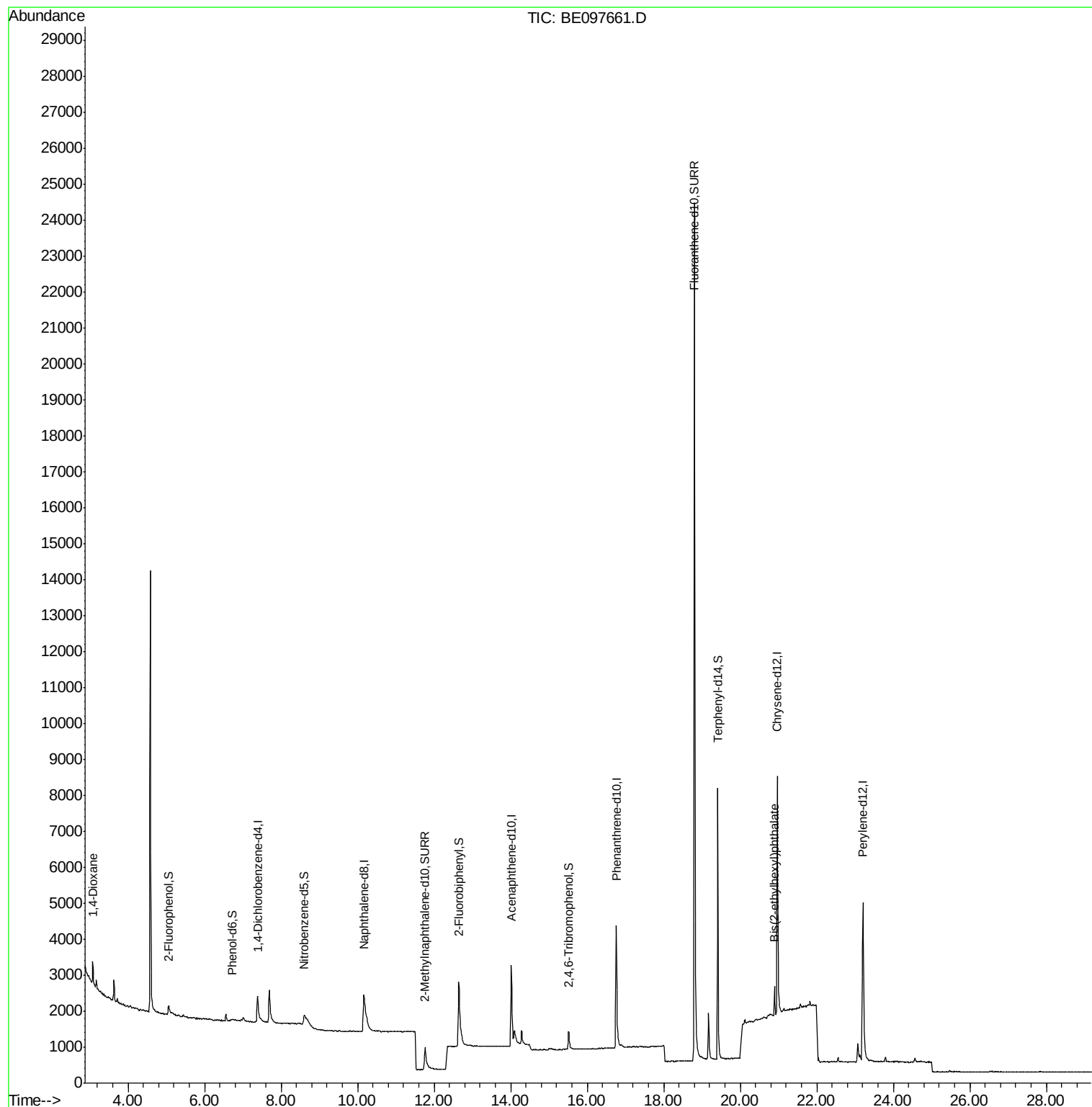
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092518\
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ALS Vial : 11 Sample Multiplier: 1

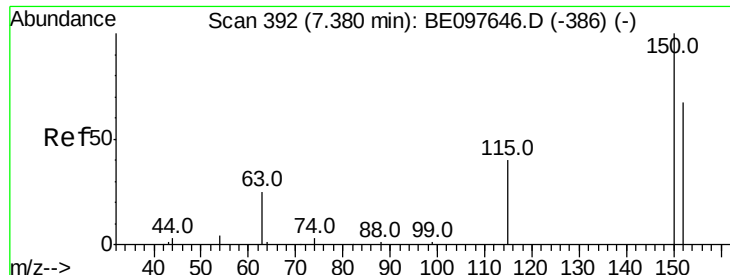
Instrument :
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ClientSampleId :
BP-MH-SW4001-20180918

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#1

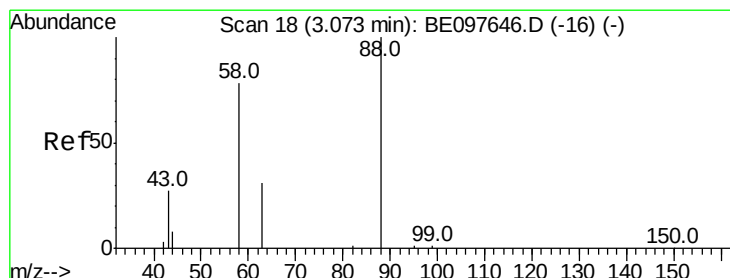
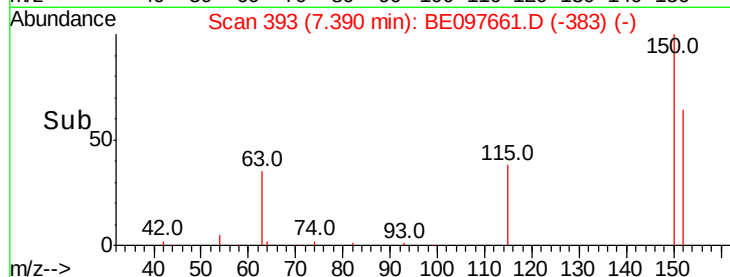
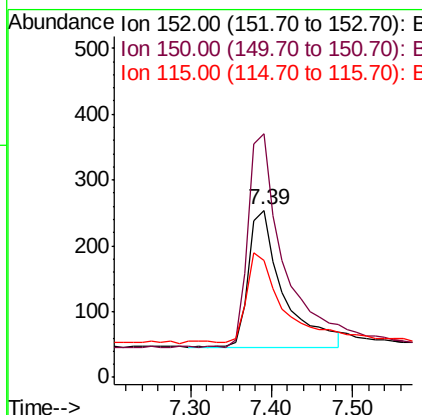
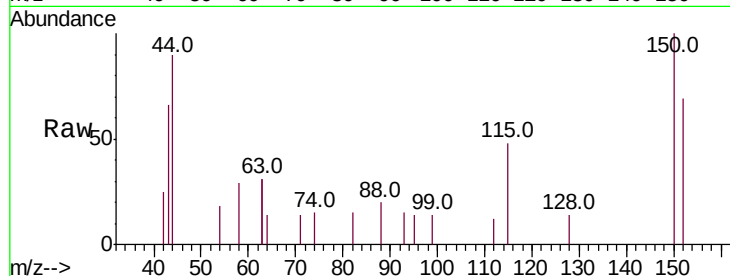
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.39 min Scan# 393
Delta R.T. 0.01 min
Lab File: BE097661.D
Acq: 25 Sep 2018 17:17

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-20180918

Tot Ion	Ratio	Lower	Upper
152	100		
150	145.7	117.2	175.8
115	69.7	57.0	85.6

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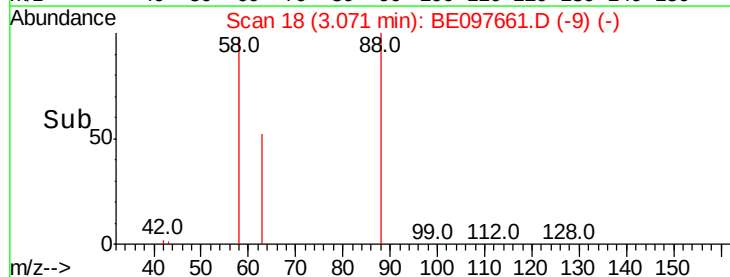
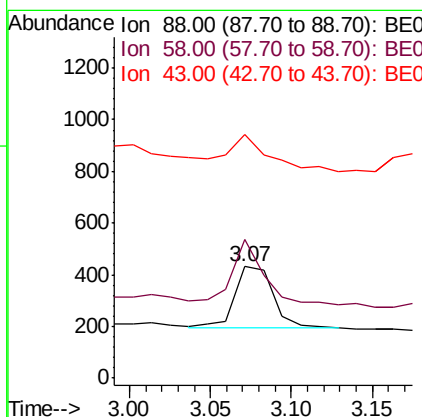
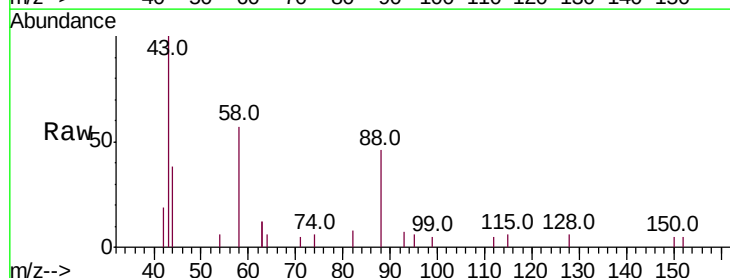
Sohil
9/26/2018 6:00:16 PM

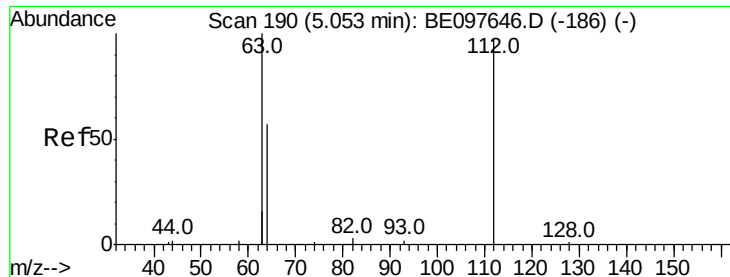


#2

1,4-Dioxane
Concen: 0.347 ng
RT: 3.07 min Scan# 18
Delta R.T. -0.00 min
Lab File: BE097661.D
Acq: 25 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.3	63.2	94.8
43	67.2	41.2	61.8#





#4

2-Fluorophenol

Concen: 0.202 ng

RT: 5.06 min Scan# 191

Delta R.T. 0.01 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

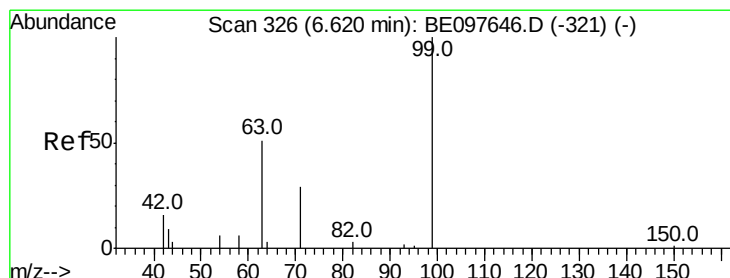
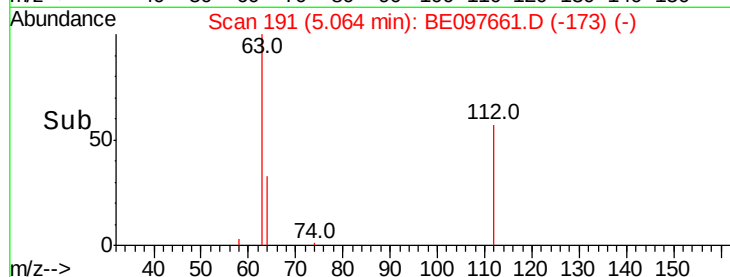
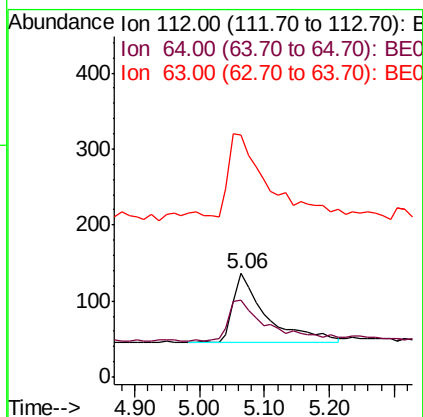
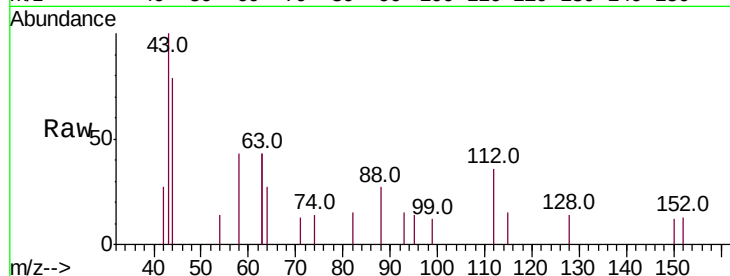
BP-MH-SW4001-20180918

Tot Ion:	112	Resp:	329
Ion	Ratio	Lower	Upper
112	100		
64	65.7	60.1	90.1
63	131.9	116.8	175.2

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#5

Phenol-d6

Concen: 0.107 ng m

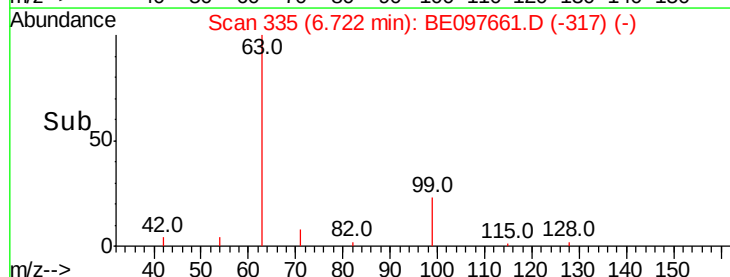
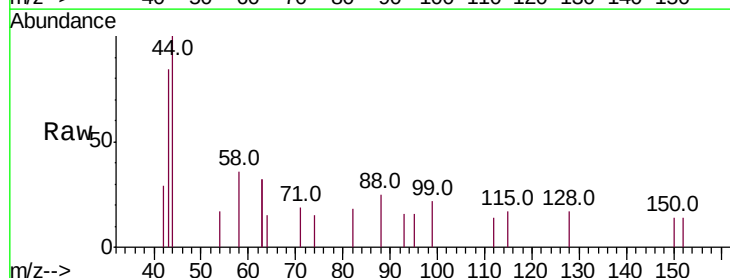
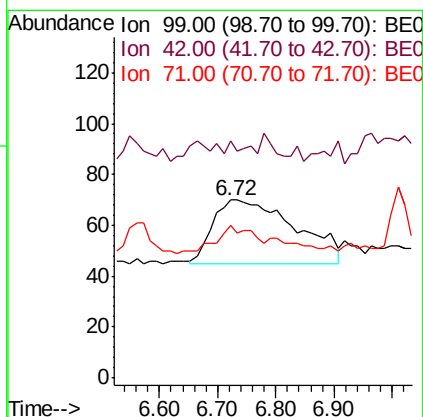
RT: 6.72 min Scan# 335

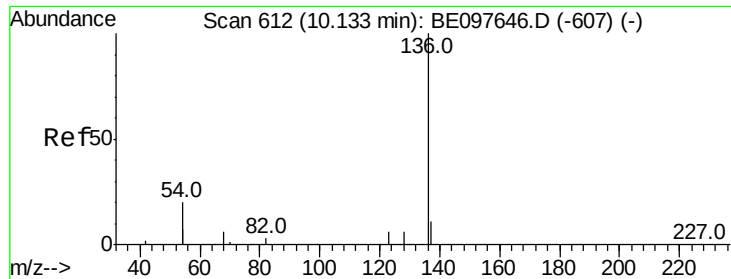
Delta R.T. 0.10 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Tgt Ion:	99	Resp:	246
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	9.3	28.4	42.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.16 min Scan# 614

Delta R.T. 0.03 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

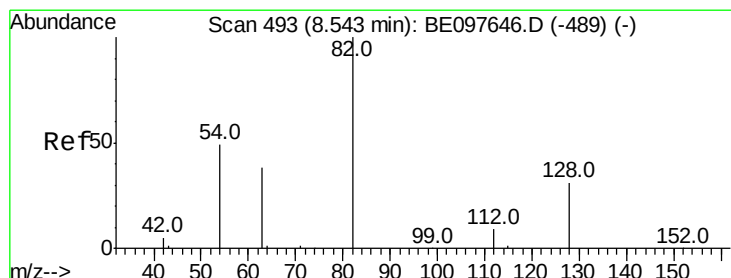
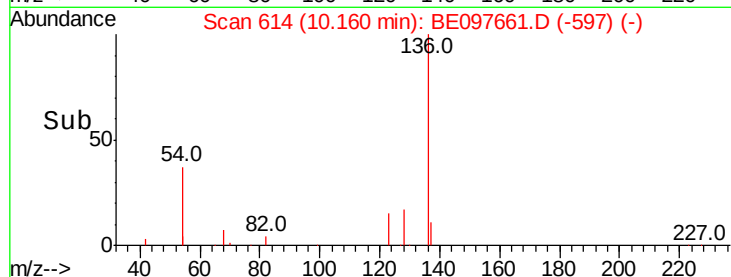
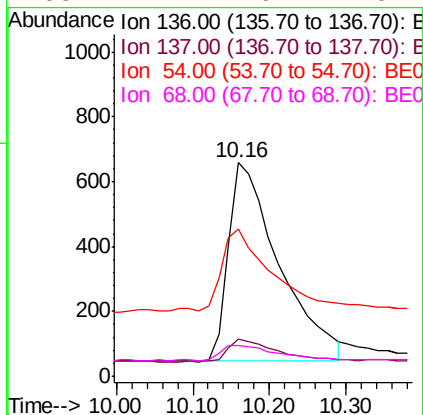
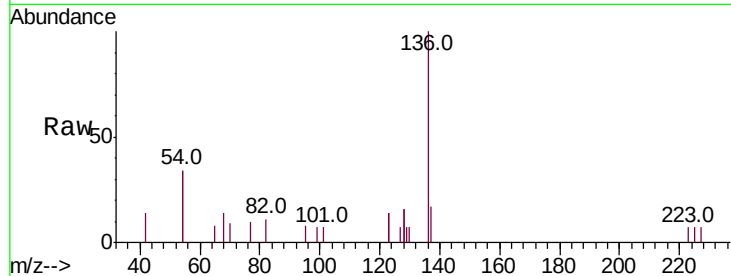
BP-MH-SW4001-20180918

Tot Ion	Ratio	Lower	Upper
136	100		
137	17.1	9.5	14.3#
54	68.6	29.1	43.7#
68	14.4	6.2	9.2#

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#8

Nitrobenzene-d5

Concen: 0.338 ng m

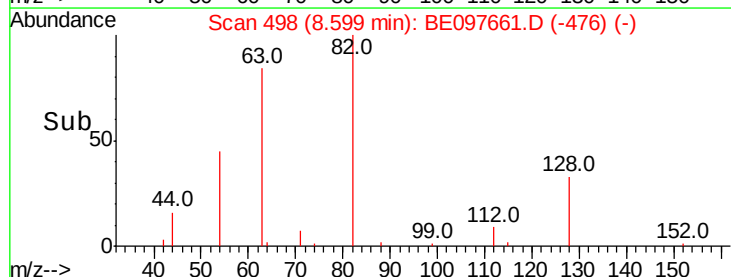
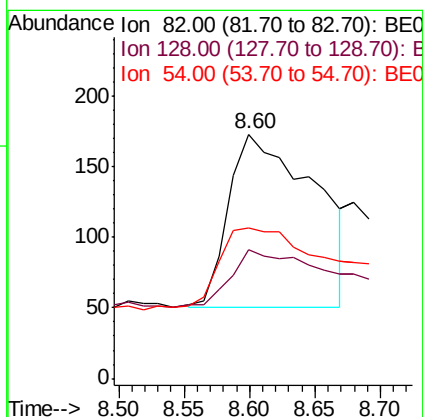
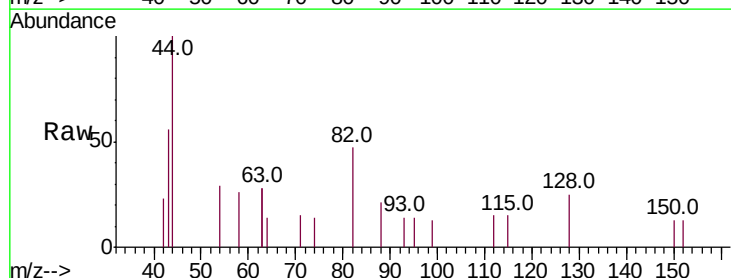
RT: 8.60 min Scan# 498

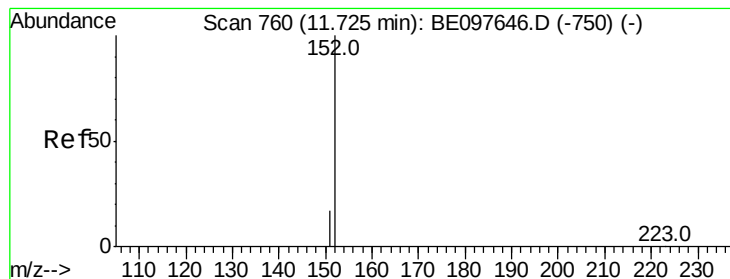
Delta R.T. 0.06 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
82	100		
128	52.6	24.0	36.0#
54	61.8	40.0	60.0#





#11

2-Methylnaphthalene-d10

Concen: 0.456 ng

RT: 11.76 min Scan# 768

Delta R.T. 0.04 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-20180918

Tot Ion:152 Resp: 1911

Ion Ratio Lower Upper

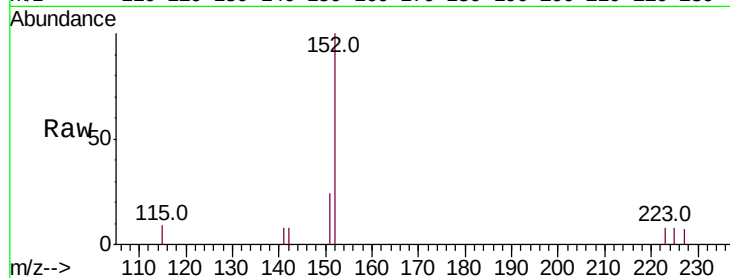
152 100

151 18.7 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

11.76

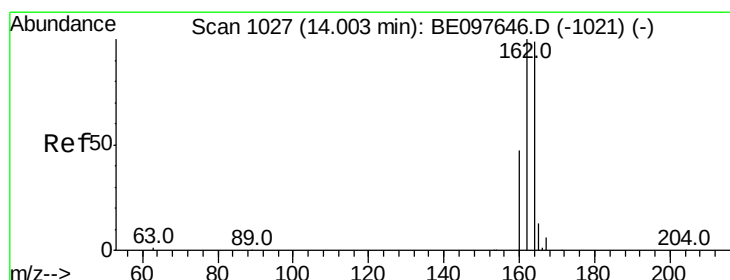
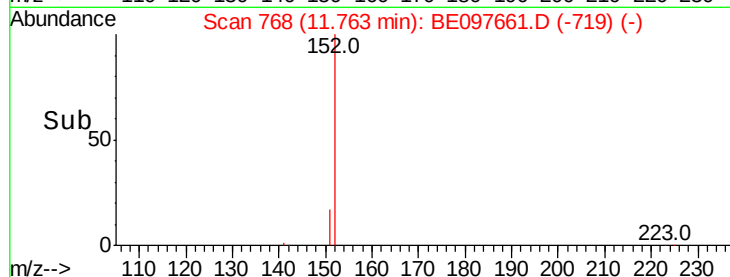
600

400

200

0

Time-->



#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.01 min Scan# 1028

Delta R.T. 0.01 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

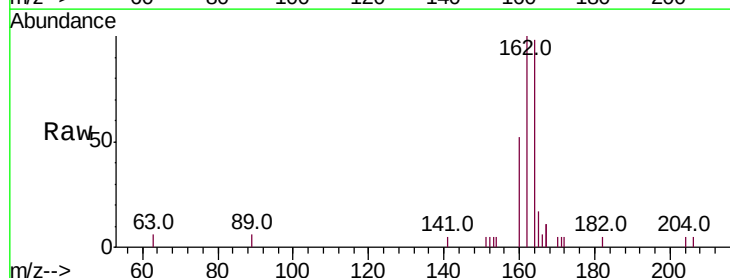
Tgt Ion:164 Resp: 1861

Ion Ratio Lower Upper

164 100

162 102.1 83.1 124.7

160 53.1 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

14.01

1200

1000

800

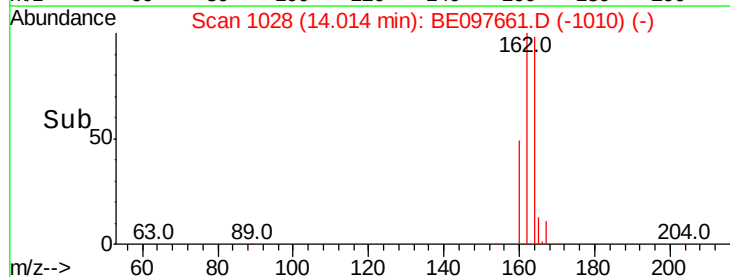
600

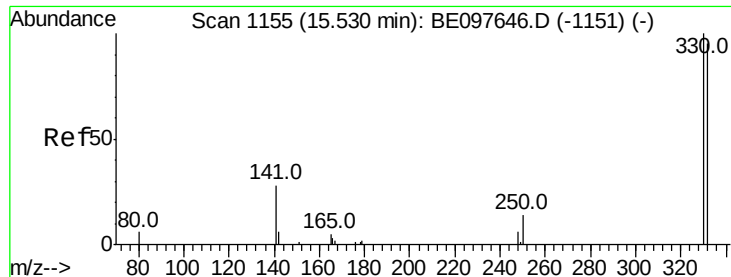
400

200

0

Time-->





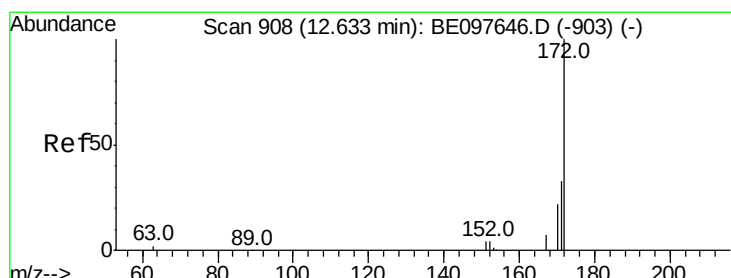
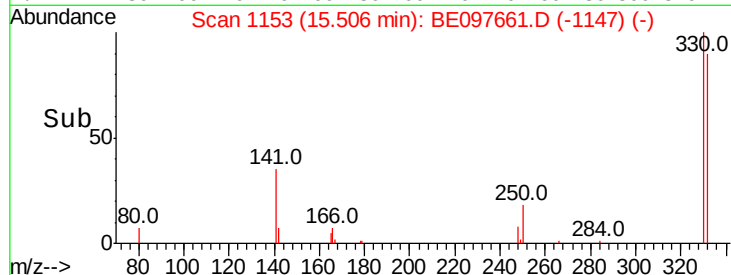
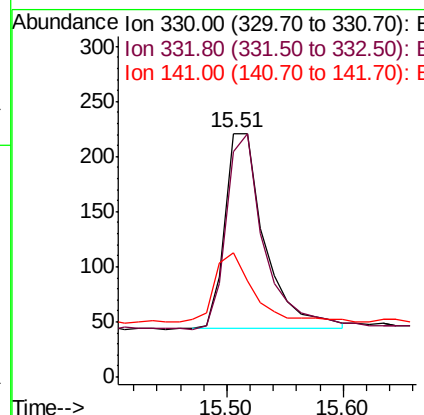
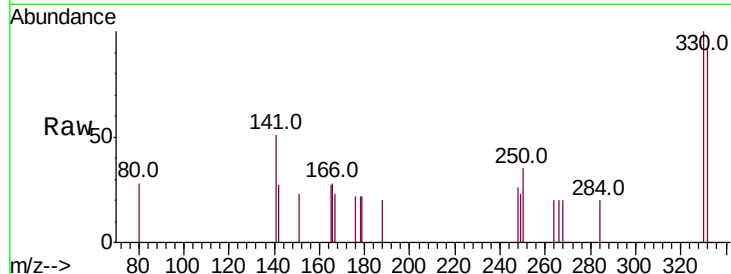
#14
 2,4,6-Tribromophenol
 Concen: 0.536 ng
 RT: 15.51 min Scan# 1153
 Delta R.T. -0.02 min
 Lab File: BE097661.D
 Acq: 25 Sep 2018 17:17

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-20180918

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	152.7	229.1#
141	29.6	33.7	50.5#

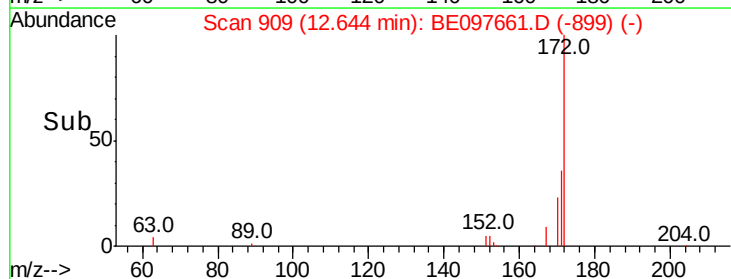
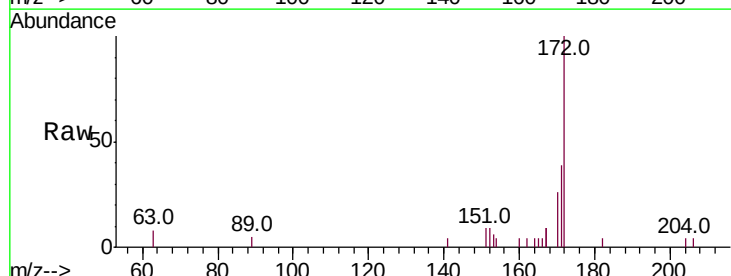
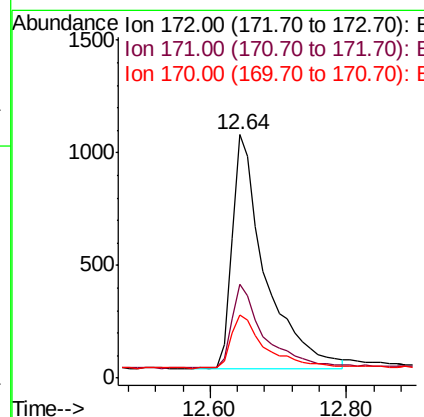
Manual Integrations
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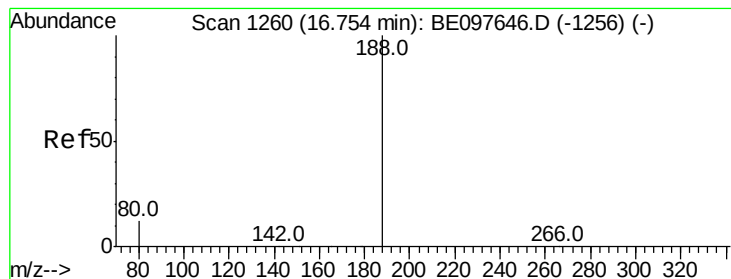
Sohil
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#15
 2-Fluorobiphenyl
 Concen: 0.577 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BE097661.D
 Acq: 25 Sep 2018 17:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	29.9	44.9
170	25.9	21.8	32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.76 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Instrument :

BNA_E

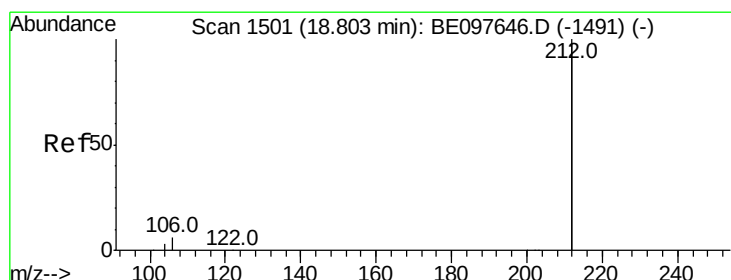
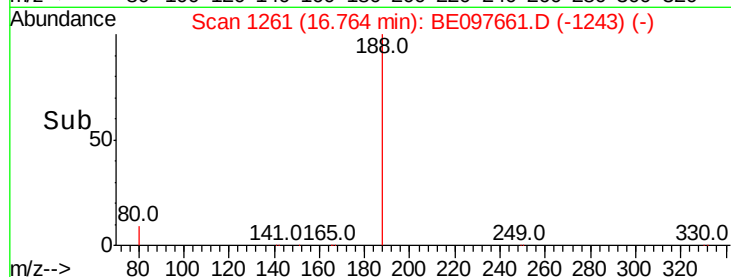
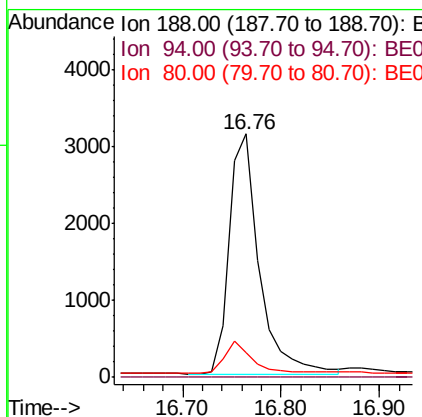
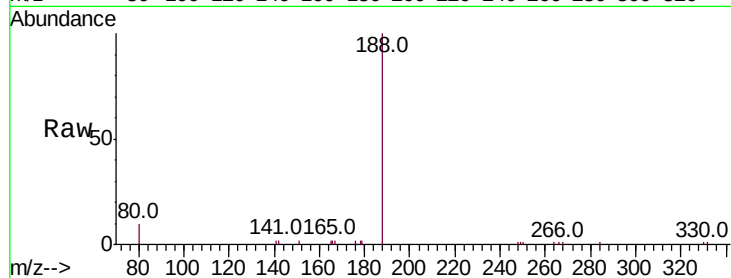
ClientSampleId :

BP-MH-SW4001-20180918

Tot Ion:	188	Resp:	6580
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	10.3	3.6	5.4#

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#25

Fluoranthene-d10

Concen: 0.552 ng

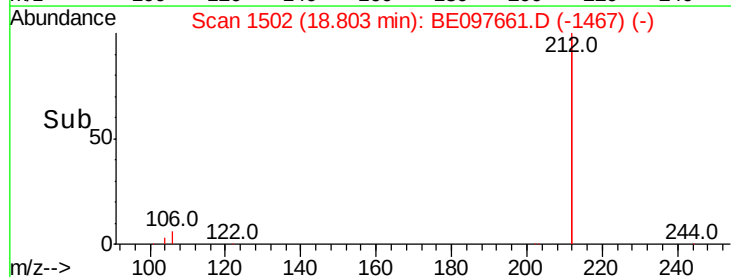
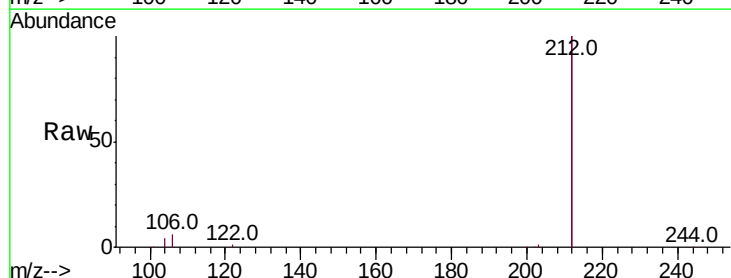
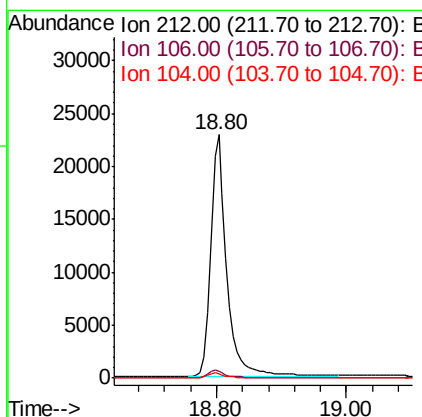
RT: 18.80 min Scan# 1502

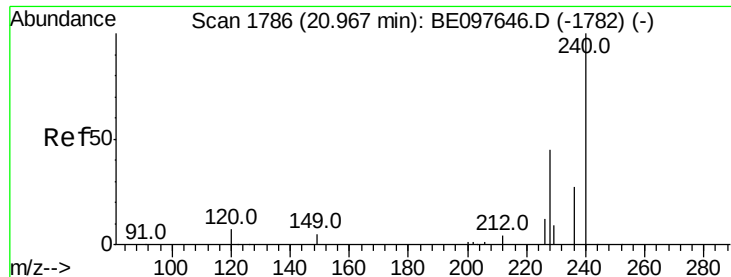
Delta R.T. 0.00 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Tgt Ion:	212	Resp:	39582
Ion Ratio	Lower	Upper	
212	100		
106	3.3	2.8	4.2
104	1.8	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: BE097661.D

Acq: 25 Sep 2018 17:17

Instrument :

BNA_E

ClientSampleId :

BP-MH-SW4001-20180918

Tot Ion:240 Resp: 8116

Ion Ratio Lower Upper

240 100

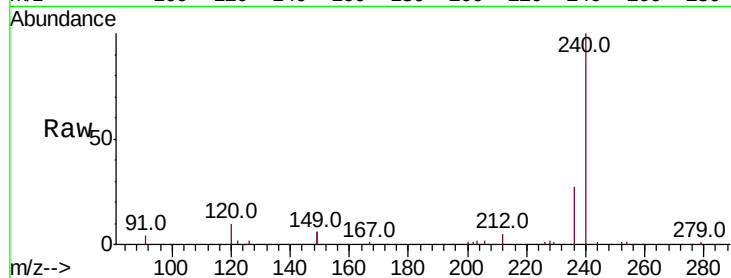
120 10.3 5.5 8.3#

236 26.9 20.7 31.1

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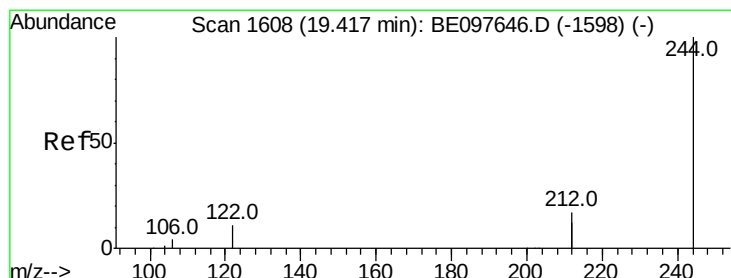
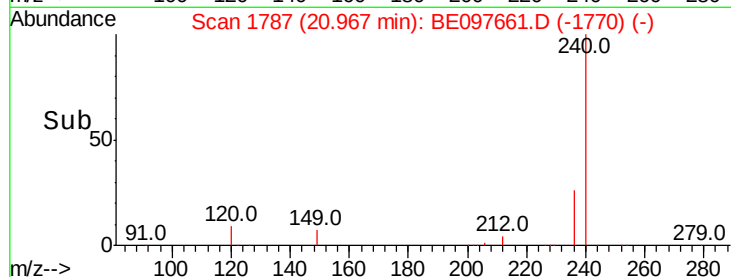
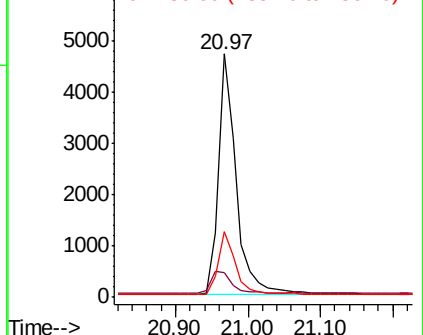
9/26/2018 6:00:16 PM



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: 0.477 ng

RT: 19.41 min Scan# 1608

Delta R.T. -0.01 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Tgt Ion:244 Resp: 7616

Ion Ratio Lower Upper

244 100

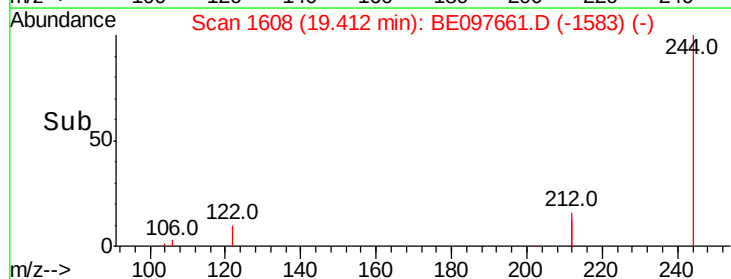
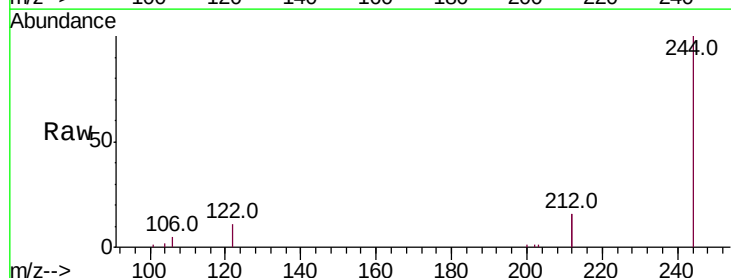
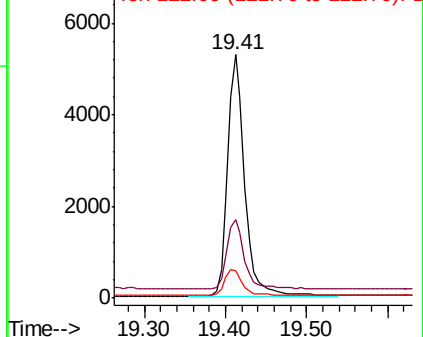
212 32.0 25.4 38.0

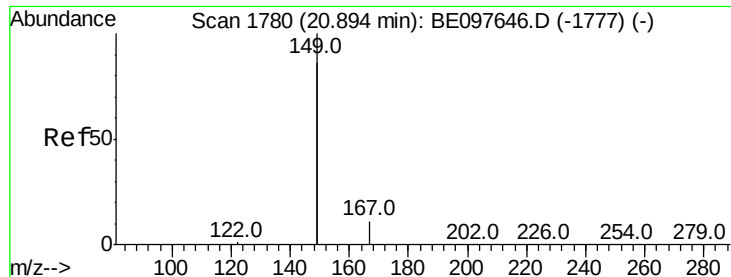
122 11.3 8.1 12.1

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: 0.042 ng

RT: 20.89 min Scan# 1781

Delta R.T. 0.00 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Instrument :

BNA_E

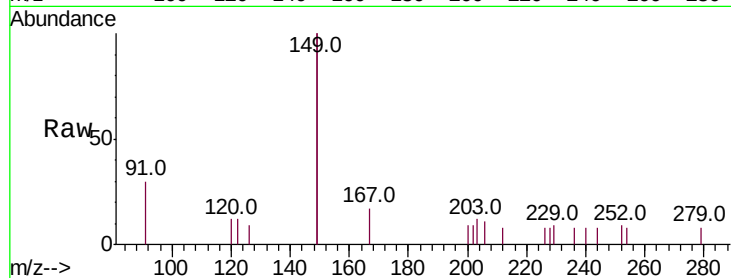
ClientSampleId :

BP-MH-SW4001-20180918

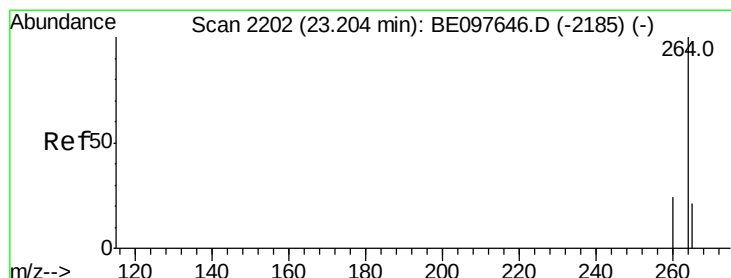
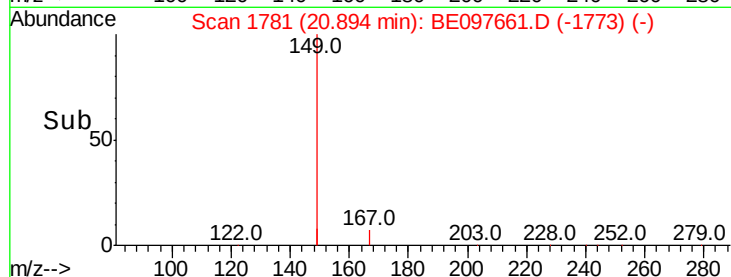
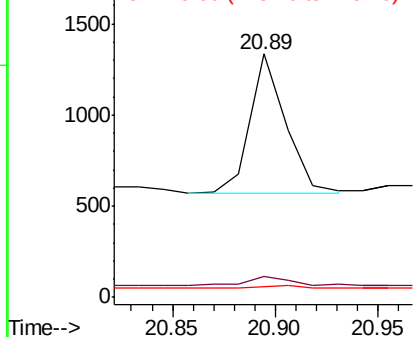
Tot Ion:	149	Resp:	928
Ion Ratio	Lower	Upper	
149	100		
167	7.5	5.4	8.0
279	1.7	0.7	1.1#

Manual Integrations
APPROVED

Sohil
9/26/2018 6:00:16 PM



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#34

Perylene-d12

Concen: 0.400 ng

RT: 23.20 min Scan# 2203

Delta R.T. -0.00 min

Lab File: BE097661.D

Acq: 25 Sep 2018 17:17

Tgt Ion:	264	Resp:	7376
Ion Ratio	Lower	Upper	
264	100		
260	26.4	20.5	30.7
265	28.4	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

