

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092518\
 Data File : BE097677.D
 Acq On : 26 Sep 2018 3:08
 Operator : SJ/JU
 Sample : J5033-21
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BB-TT-DUP06-20180920

Manual Integrations
 APPROVED

Sohil
 9/26/2018 6:00:47 PM

Quant Time: Sep 26 08:42:18 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	674	0.40	ng	0.00
7) Naphthalene-d8	10.15	136	3246	0.40	ng	0.01
13) Acenaphthene-d10	14.01	164	2167	0.40	ng	0.01
19) Phenanthrene-d10	16.77	188	7009	0.40	ng	0.01
27) Chrysene-d12	20.97	240	8062	0.40	ng	0.00
34) Perylene-d12	23.20	264	7907	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.05	112	361	0.20	ng	0.00
5) Phenol-d6	6.68	99	236m	0.09	ng	0.06
8) Nitrobenzene-d5	8.58	82	887m	0.44	ng	0.03
11) 2-Methylnaphthalene-d10	11.74	152	2179	0.45	ng	0.02
14) 2,4,6-Tribromophenol	15.53	330	423	0.47	ng	0.00
15) 2-Fluorobiphenyl	12.64	172	3736	0.53	ng	0.01
25) Fluoranthene-d10	18.80	212	39045	0.51	ng	0.00
29) Terphenyl-d14	19.41	244	7276	0.46	ng	0.00
Target Compounds						
2) 1,4-Dioxane	3.08	88	126	0.080	ng	# 71
32) Bis(2-ethylhexyl)phthalate	20.89	149	1982	0.091	ng	# 93

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

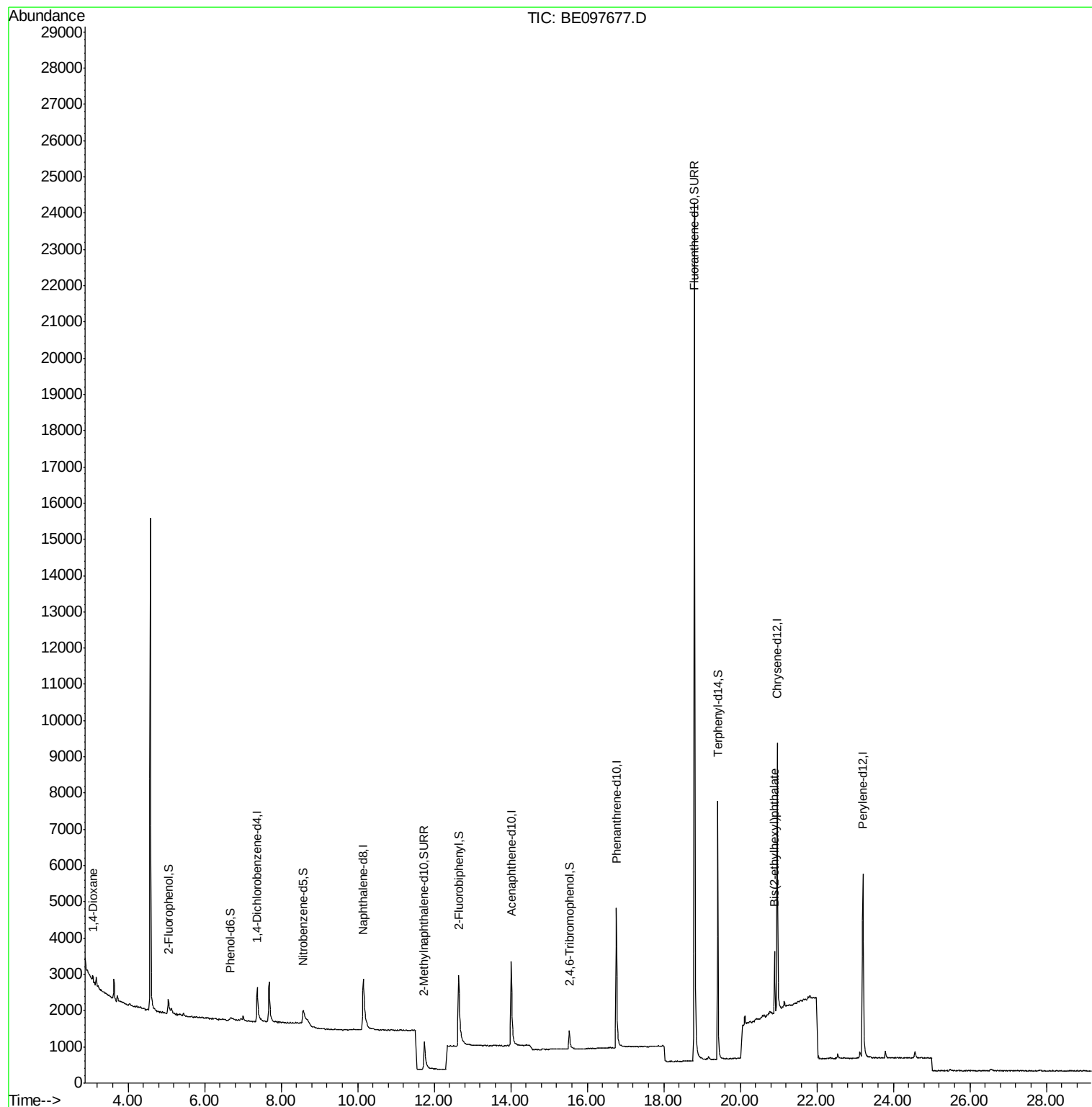
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE092518\
Data File : BE097677.D
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ALS Vial : 24 Sample Multiplier: 1

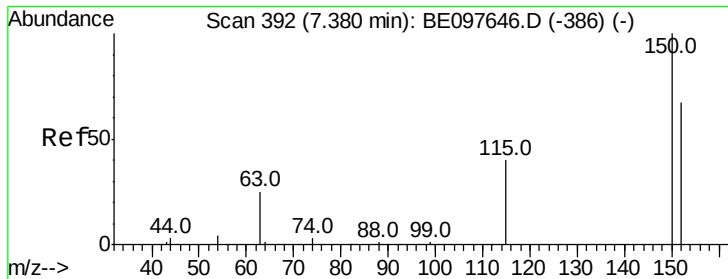
Instrument :
BNA_E
ClientSampleId :
BB-TT-DUP06-20180920

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE092418.M
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#1

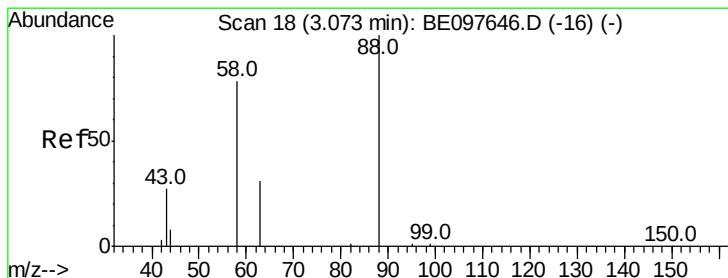
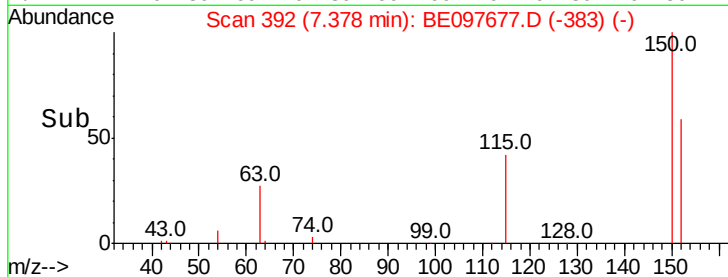
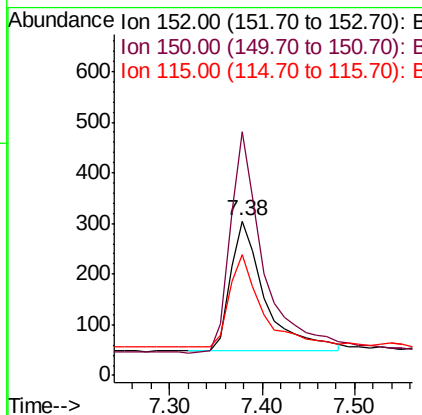
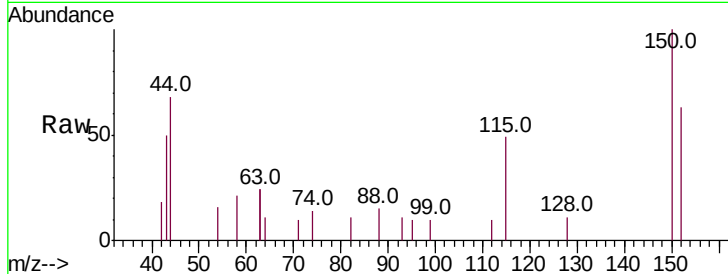
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.38 min Scan# 392
Delta R.T. -0.00 min
Lab File: BE097677.D
Acq: 26 Sep 2018 3:08

Instrument :
BNA_E
ClientSampleId :
BB-TT-DUP06-20180920

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.7	117.2	175.8
115	78.0	57.0	85.6

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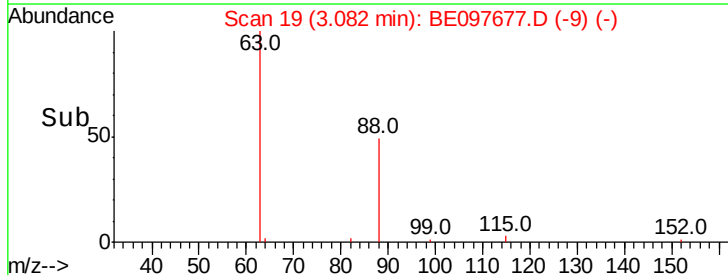
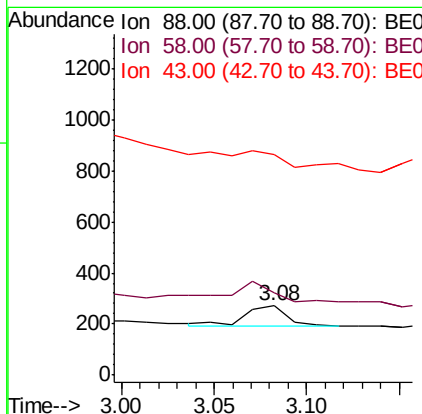
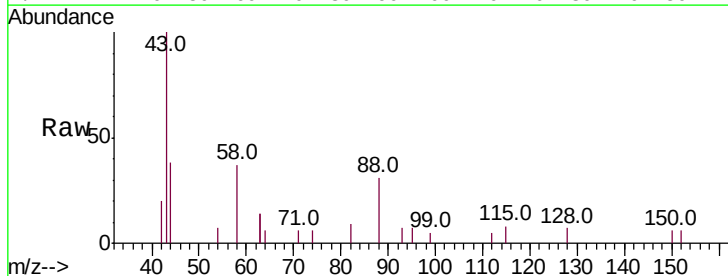
Sohil
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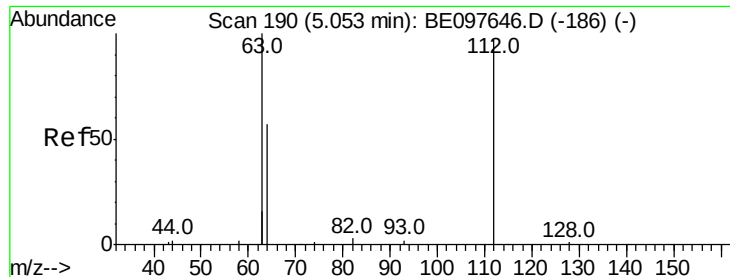


#2

1,4-Dioxane
Concen: 0.080 ng
RT: 3.08 min Scan# 19
Delta R.T. 0.01 min
Lab File: BE097677.D
Acq: 26 Sep 2018 3:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.6	63.2	94.8
43	0.0	41.2	61.8#





#4

2-Fluorophenol

Concen: 0.203 ng

RT: 5.05 min Scan# 190

Delta R.T. -0.00 min

Lab File: BE097677.D

Acq: 26 Sep 2018 3:08

Instrument :

BNA_E

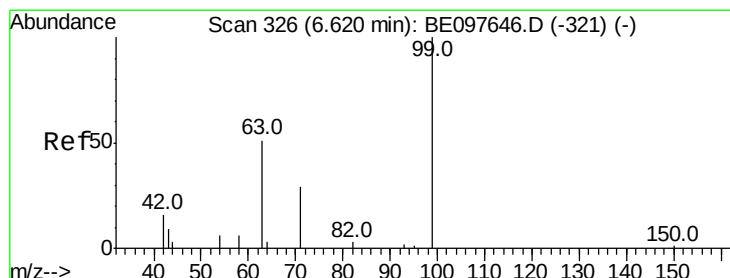
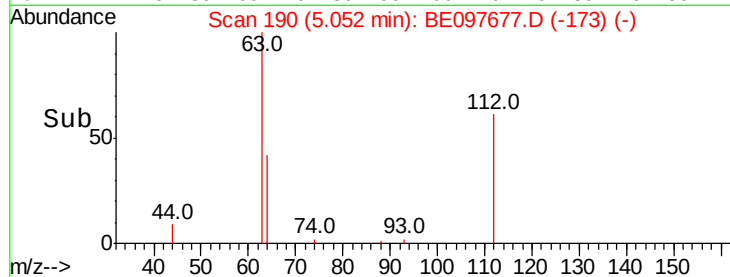
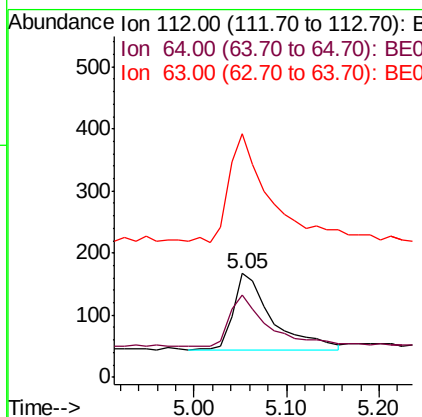
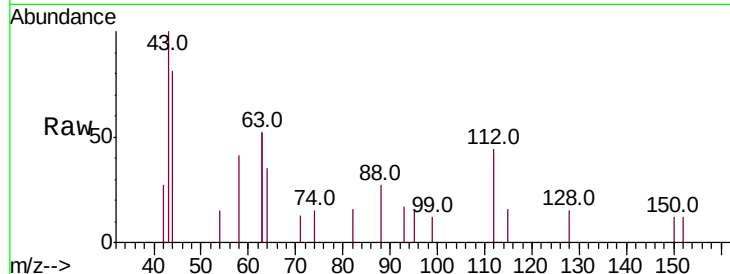
ClientSampled :

BB-TT-DUP06-20180920

Tot Ion:	112	Resp:	361
Ion Ratio	Lower	Upper	
112	100		
64	69.8	60.1	90.1
63	149.0	116.8	175.2

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#5

Phenol-d6

Concen: 0.094 ng m

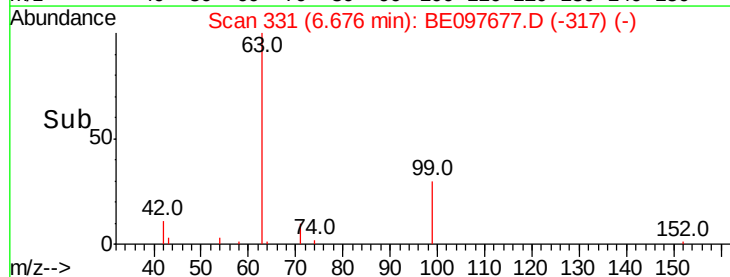
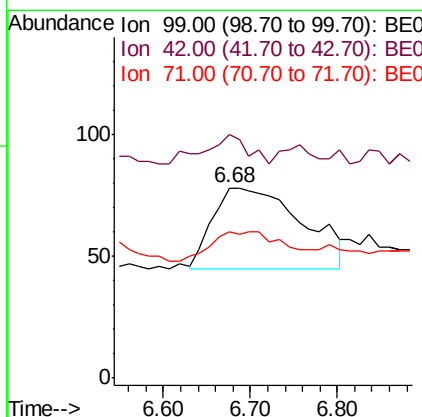
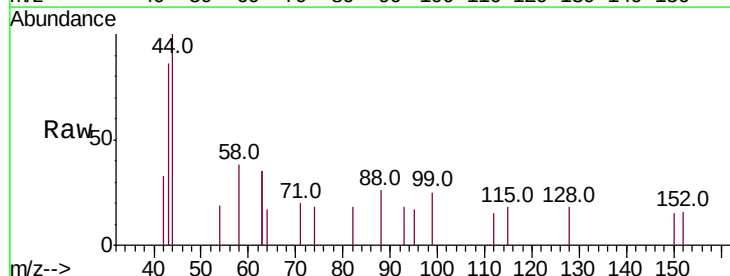
RT: 6.68 min Scan# 331

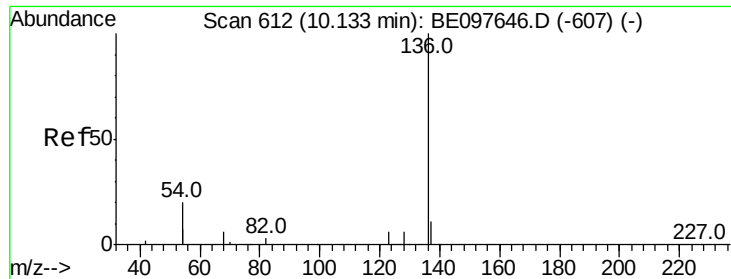
Delta R.T. 0.06 min

Lab File: BE097677.D

Acq: 26 Sep 2018 3:08

Tgt Ion:	99	Resp:	236
Ion Ratio	Lower	Upper	
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.15 min Scan# 613

Delta R.T. 0.01 min

Lab File: BE097677.D

Acq: 26 Sep 2018 3:08

Instrument :

BNA_E

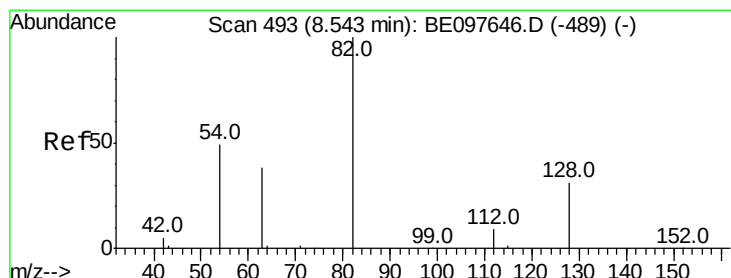
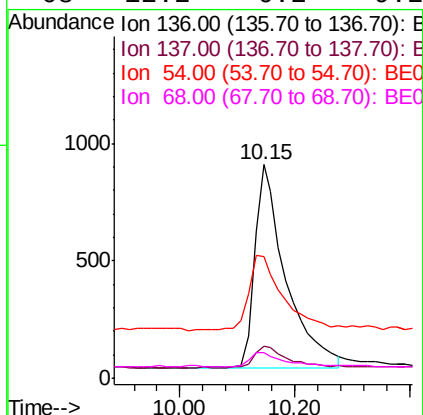
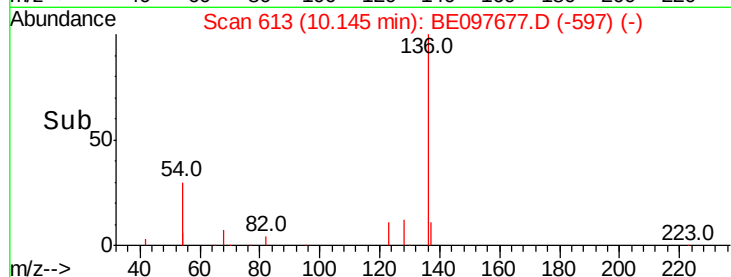
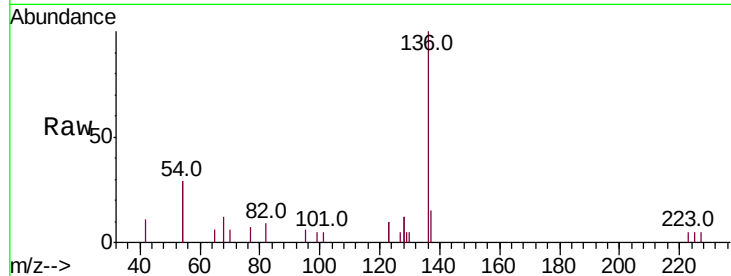
ClientSampleId :

BB-TT-DUP06-20180920

Tot Ion	Ratio	Lower	Upper
136	100		
137	15.1	9.5	14.3#
54	57.1	29.1	43.7#
68	12.2	6.2	9.2#

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#8

Nitrobenzene-d5

Concen: 0.440 ng m

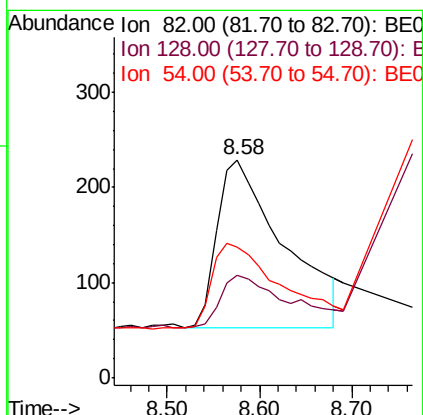
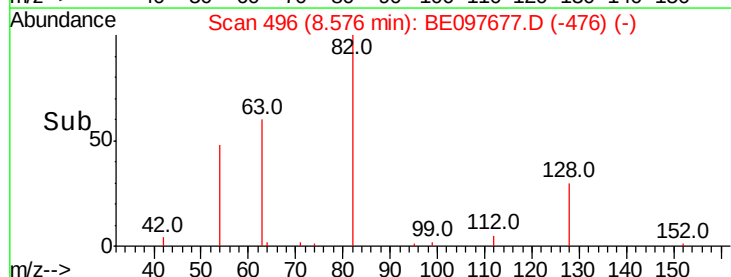
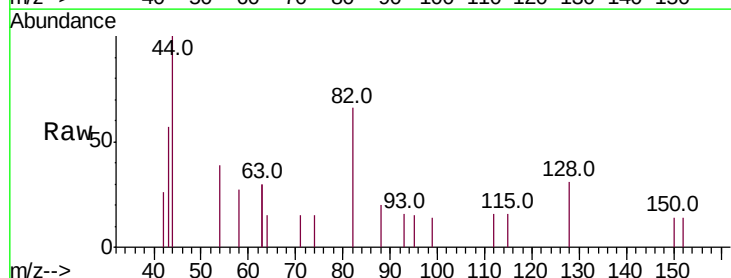
RT: 8.58 min Scan# 496

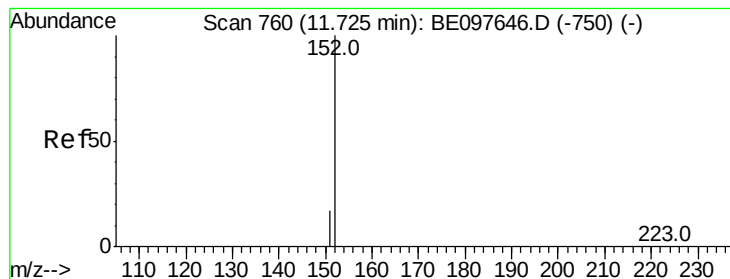
Delta R.T. 0.03 min

Lab File: BE097677.D

Acq: 26 Sep 2018 3:08

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.2	24.0	36.0#
54	59.8	40.0	60.0





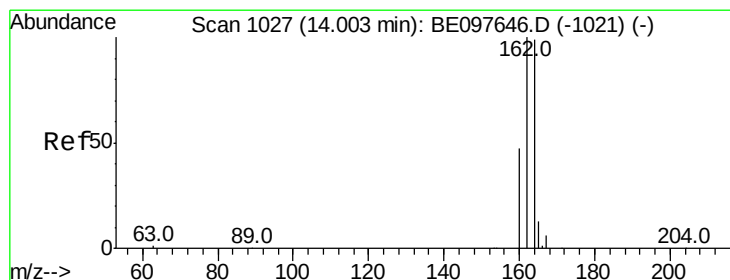
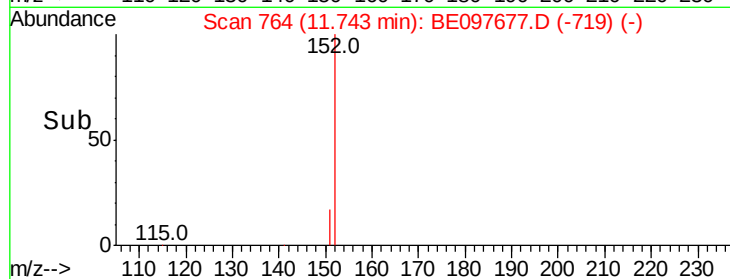
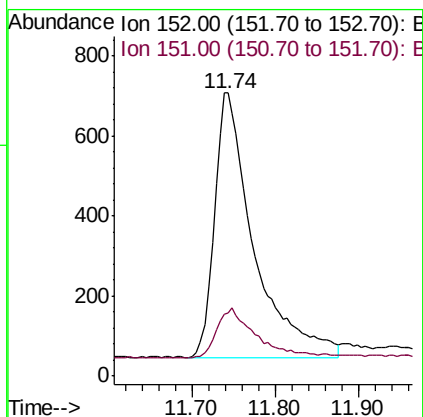
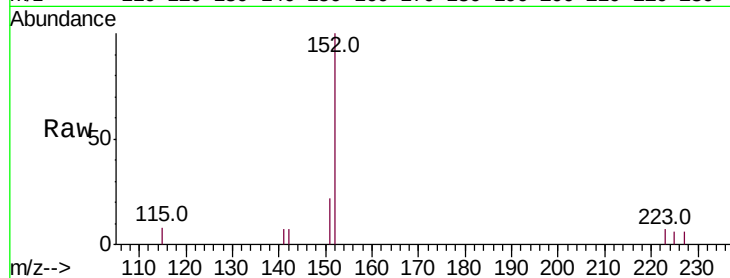
#11
2-Methylnaphthalene-d10
Concen: 0.453 ng
RT: 11.74 min Scan# 764
Delta R.T. 0.02 min
Lab File: BE097677.D
Acq: 26 Sep 2018 3:08

Instrument :
BNA_E
ClientSampleId :
BB-TT-DUP06-20180920

Tot Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.4	23.0

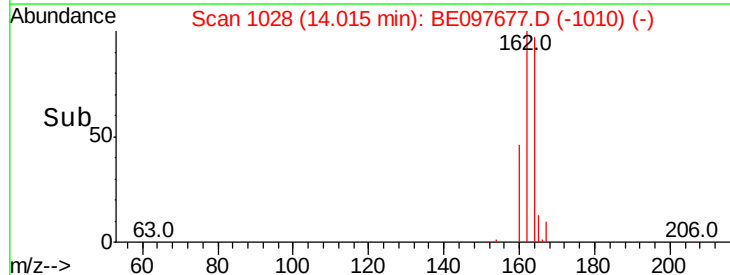
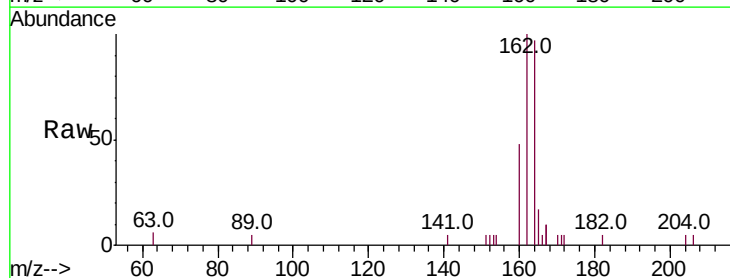
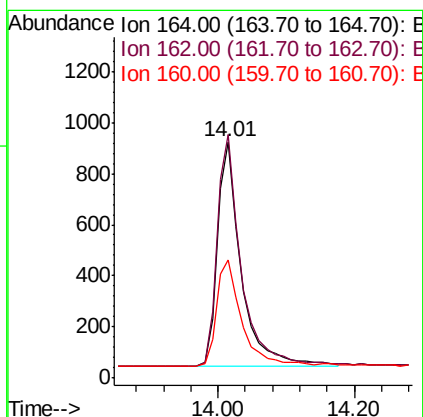
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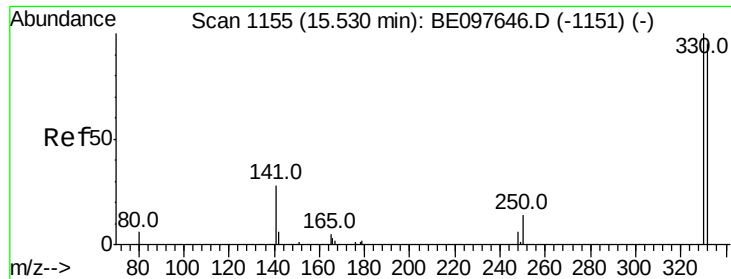
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#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.01 min Scan# 1028
Delta R.T. 0.01 min
Lab File: BE097677.D
Acq: 26 Sep 2018 3:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.0	83.1	124.7
160	49.9	37.1	55.7





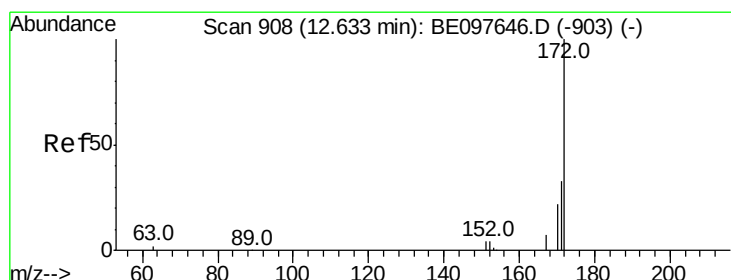
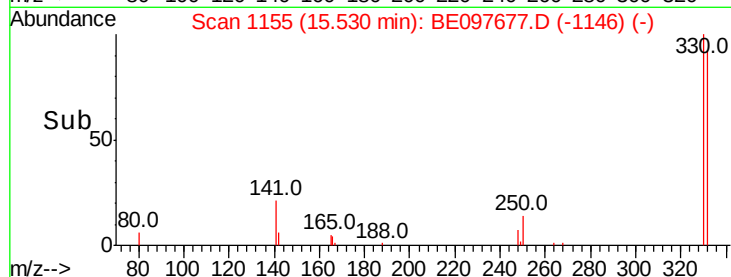
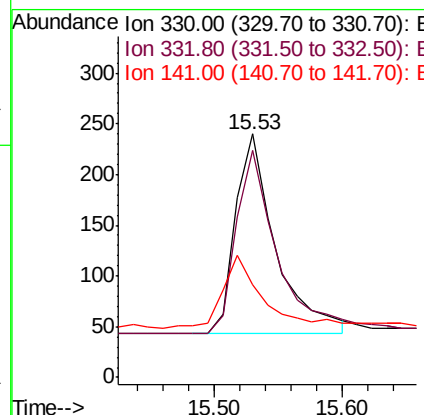
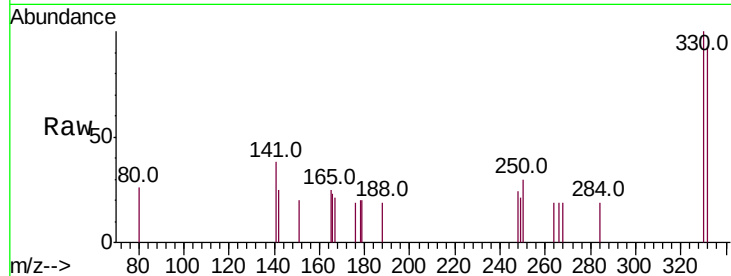
#14
 2,4,6-Tribromophenol
 Concen: 0.471 ng
 RT: 15.53 min Scan# 1155
 Delta R.T. -0.00 min
 Lab File: BE097677.D
 Acq: 26 Sep 2018 3:08

Instrument :
 BNA_E
 ClientSampleId :
 BB-TT-DUP06-20180920

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	152.7	229.1#
141	33.1	33.7	50.5#

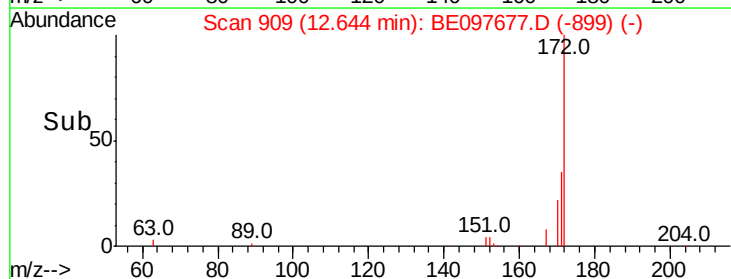
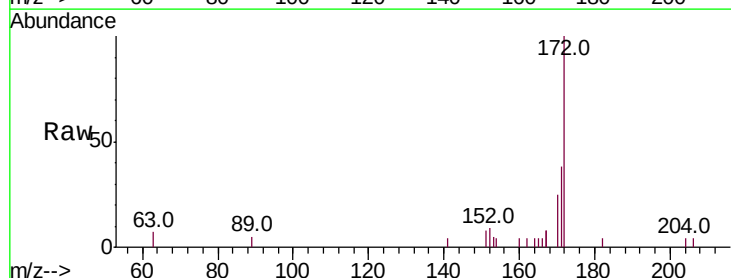
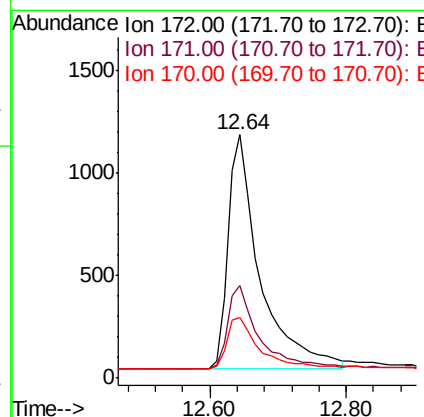
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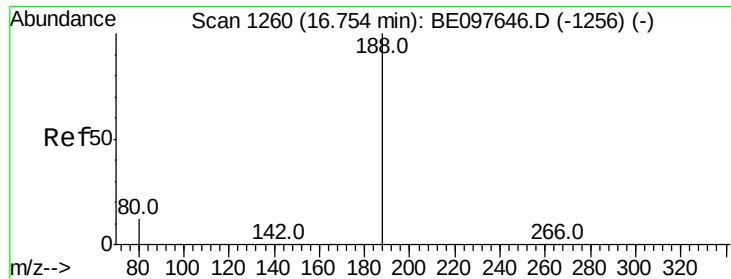
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#15
 2-Fluorobiphenyl
 Concen: 0.528 ng
 RT: 12.64 min Scan# 909
 Delta R.T. 0.01 min
 Lab File: BE097677.D
 Acq: 26 Sep 2018 3:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	29.9	44.9
170	25.0	21.8	32.8





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 16.77 min Scan# 1261

Delta R.T. 0.01 min

Lab File: BE097677.D

Acq: 26 Sep 2018 3:08

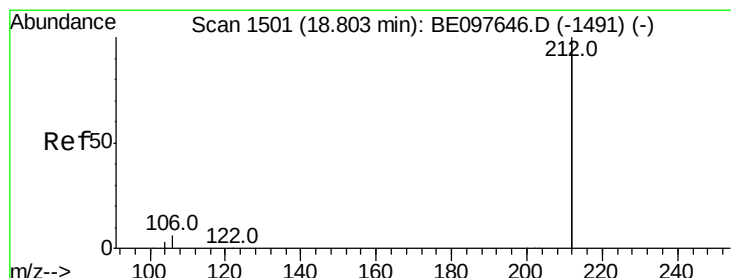
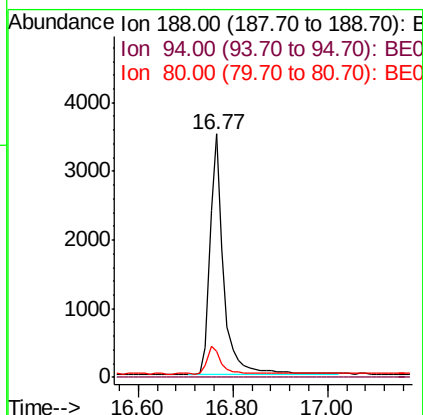
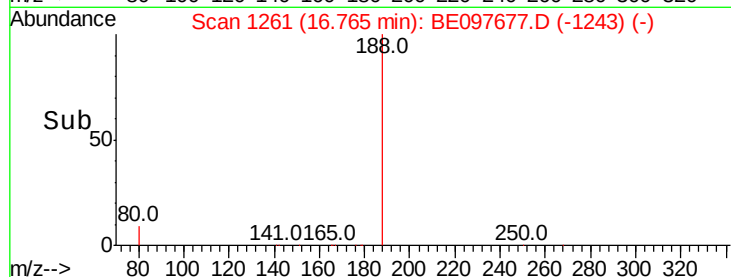
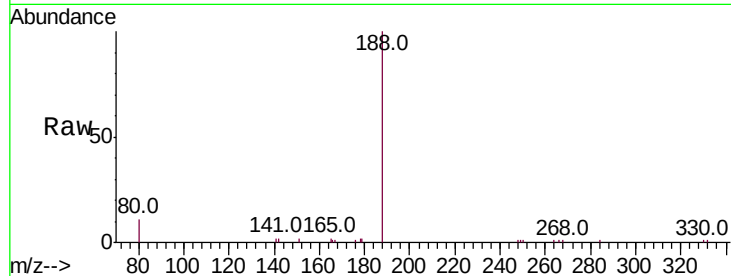
Instrument :
BNA_E

ClientSampleId :
BB-TT-DUP06-20180920

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	0.0	3.9	5.9#	
80	10.8	3.6	5.4#	

Manual Integrations
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#25

Fluoranthene-d10

Concen: 0.511 ng

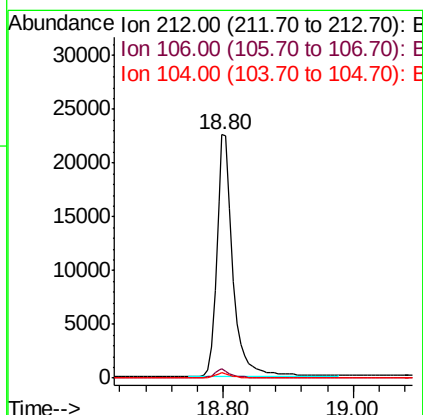
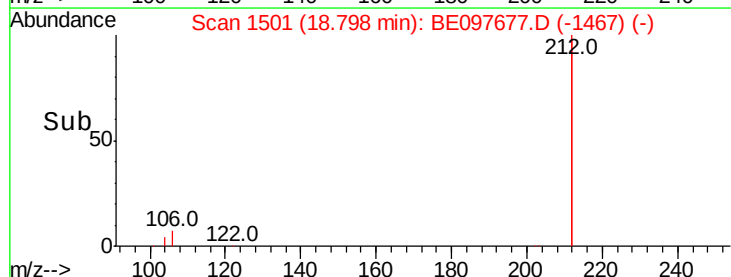
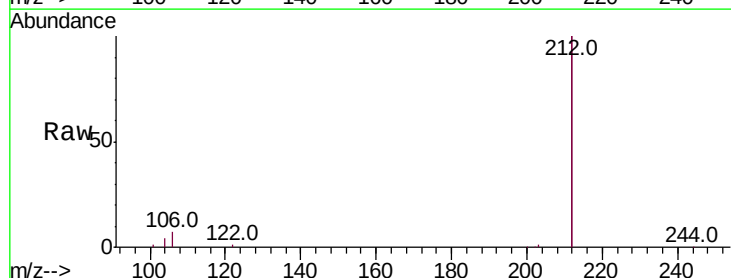
RT: 18.80 min Scan# 1501

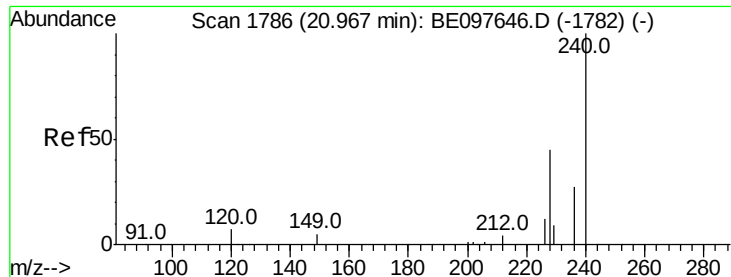
Delta R.T. -0.00 min

Lab File: BE097677.D

Acq: 26 Sep 2018 3:08

Tgt Ion	Ratio	Resp	Lower	Upper
212	100			
106	3.2	2.8	4.2	
104	1.8	1.6	2.4	





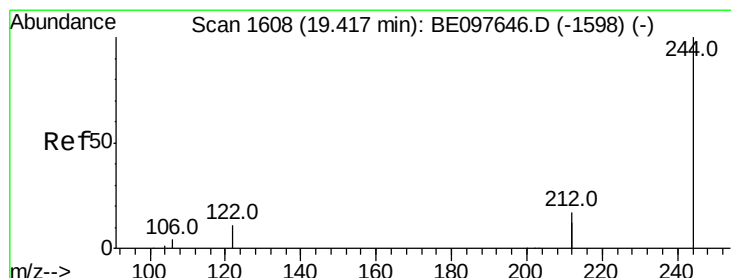
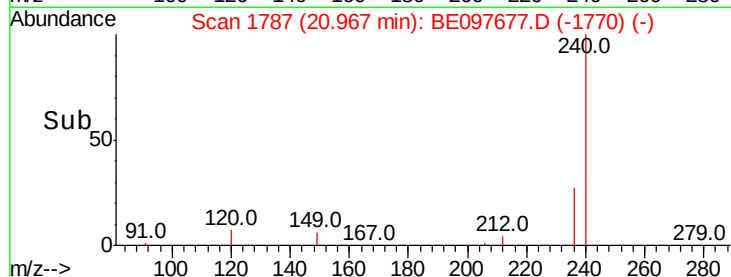
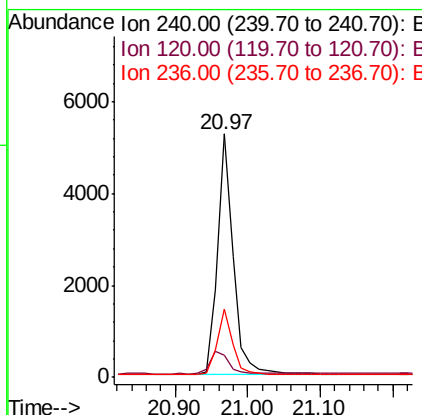
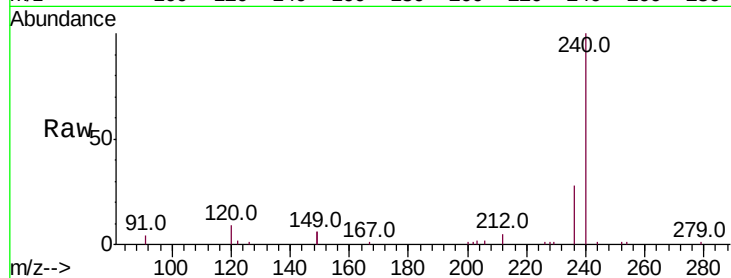
#27
 Chrvsene-d12
 Concen: 0.400 ng
 RT: 20.97 min Scan# 1787
 Delta R.T. 0.00 min
 Lab File: BE097677.D
 Acq: 26 Sep 2018 3:08

Instrument :
 BNA_E
 ClientSampleId :
 BB-TT-DUP06-20180920

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.9	5.5	8.3#
236	28.1	20.7	31.1

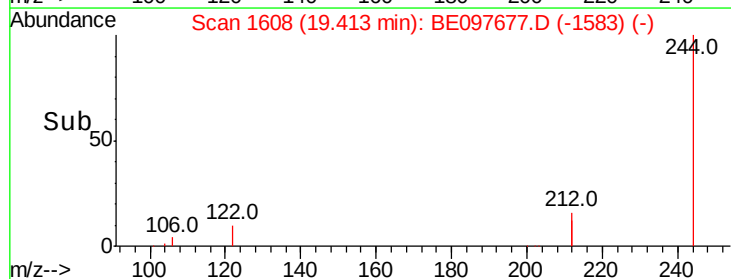
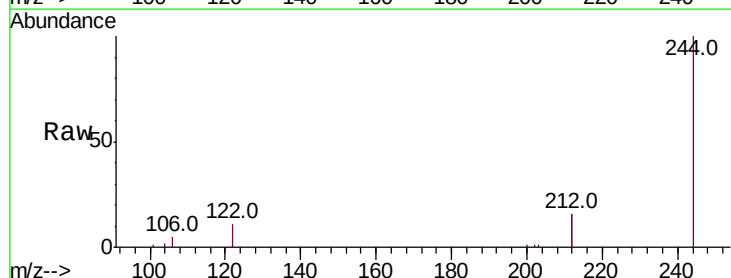
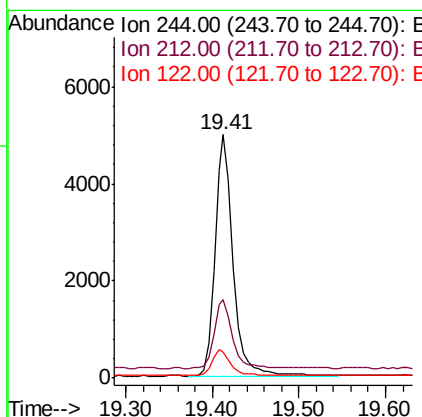
Manual Integrations
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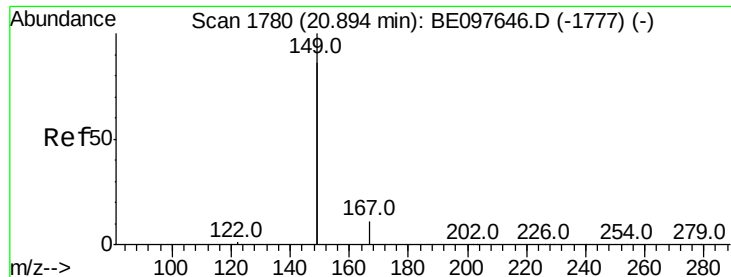
Sohil
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#29
 Terphenyl-d14
 Concen: 0.458 ng
 RT: 19.41 min Scan# 1608
 Delta R.T. -0.00 min
 Lab File: BE097677.D
 Acq: 26 Sep 2018 3:08

Tgt Ion	Ratio	Lower	Upper
244	100		
212	32.5	25.4	38.0
122	10.8	8.1	12.1





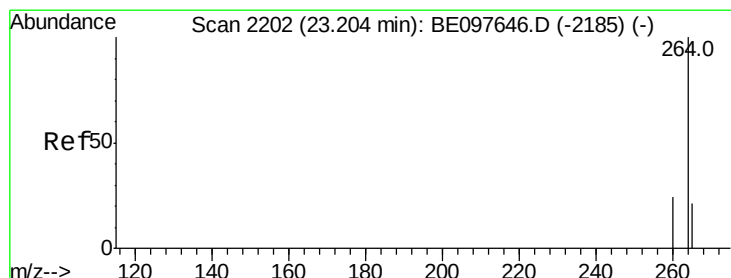
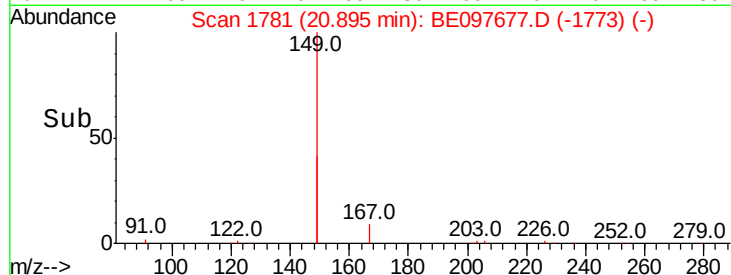
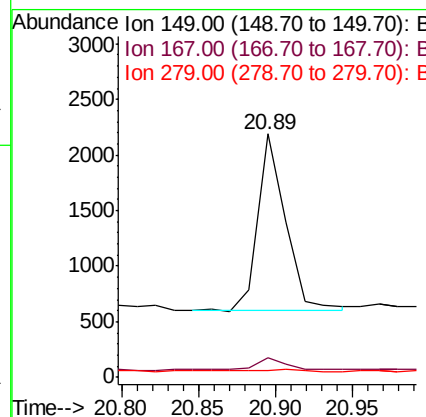
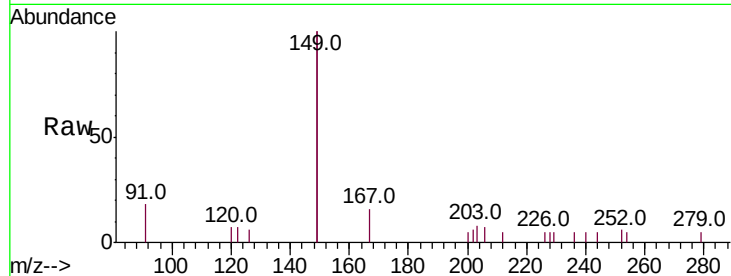
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.091 ng
 RT: 20.89 min Scan# 1781
 Delta R.T. 0.00 min
 Lab File: BE097677.D
 Acq: 26 Sep 2018 3:08

Instrument :
 BNA_E
 ClientSampleId :
 BB-TT-DUP06-20180920

Tot Ion	Ratio	Resp	Lower	Upper
149	100	1982		
167	9.2	5.4	8.0#	
279	1.5	0.7	1.1#	

Manual Integrations
 APPROVED

Sohil
 9/26/2018 6:00:47 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.20 min Scan# 2203
 Delta R.T. -0.00 min
 Lab File: BE097677.D
 Acq: 26 Sep 2018 3:08

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	7907		
260	26.4	20.5	30.7	
265	28.7	22.8	34.2	

