

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
 Data File : BE095863.D
 Acq On : 27 Mar 2018 5:55
 Operator : SJ/JU
 Sample : J1994-15
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-01-031918

Manual Integrations
 APPROVED

Sohil
 3/27/2018 4:58:21 PM

Quant Time: Mar 27 15:33:21 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE032318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 23 12:41:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1426	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5596	0.40	ng	0.00
13) Acenaphthene-d10	15.01	164	6022m	0.40	ng	0.01
19) Phenanthrene-d10	17.71	188	6395m	0.40	ng	0.00
27) Chrysene-d12	21.79	240	7572	0.40	ng	-0.01
34) Perylene-d12	24.42	264	7501	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1255	0.27	ng	0.00
5) Phenol-d6	7.57	99	762	0.12	ng	0.00
8) Nitrobenzene-d5	9.59	82	5636m	0.85	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	4369	0.47	ng	0.04
14) 2,4,6-Tribromophenol	16.47	330	673	0.19	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	6042	0.24	ng	0.00
25) Fluoranthene-d10	19.69	212	28885	0.30	ng	0.00
29) Terphenyl-d14	20.24	244	9039	0.56	ng	0.00
Target Compounds						
9) Naphthalene	11.31	128	3337813	52.222	ng	99
12) 2-Methylnaphthalene	12.87	142	407836	37.362	ng	93
17) Acenaphthene	15.06	154	4231	0.201	ng	# 55
18) Fluorene	16.03	166	11289	0.409	ng	# 79
22) Pentachlorophenol	17.37	266	330	0.359	ng	85
32) Bis(2-ethylhexyl)phthalate	21.64	149	4704	0.059	ng	# 90

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

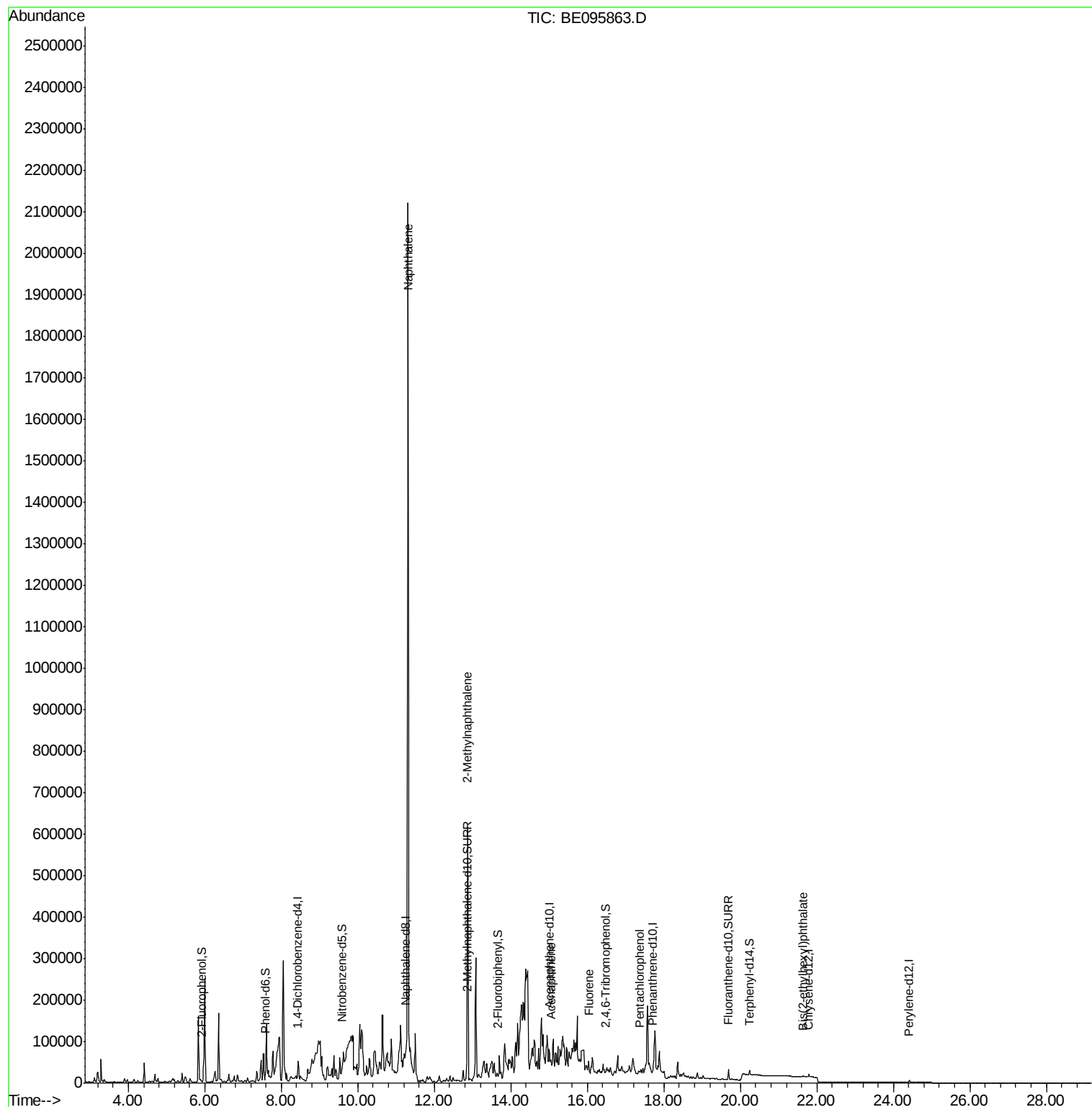
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032618\
Data File : BE095863.D
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Sample : J1994-15
Misc :
ALS Vial : 30 Sample Multiplier: 1

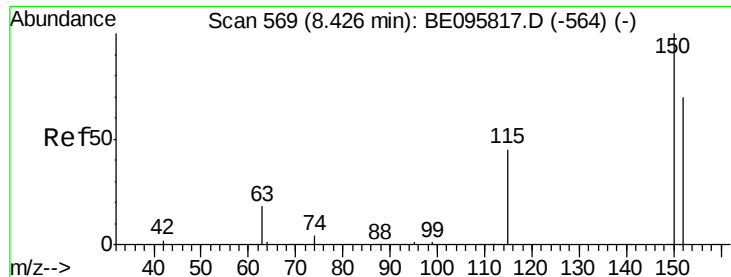
Instrument :
BNA_E
ClientSampleId :
PR-MW-01-031918

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#1

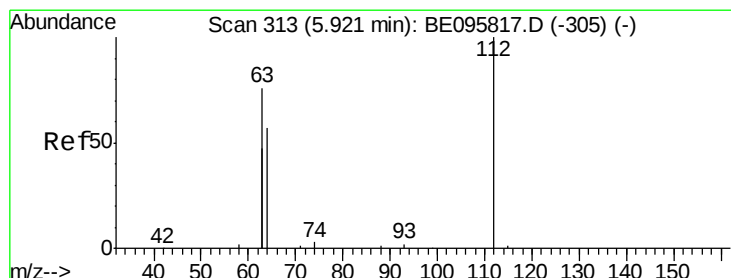
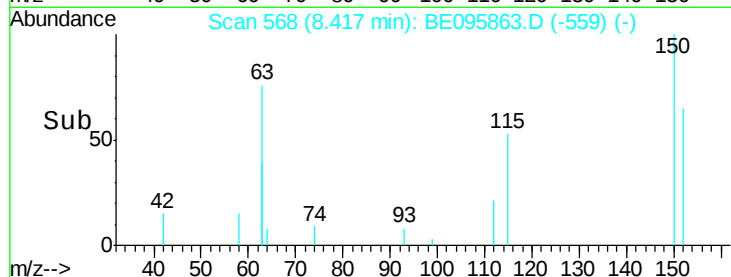
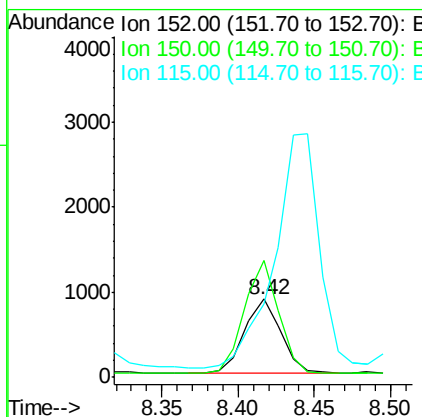
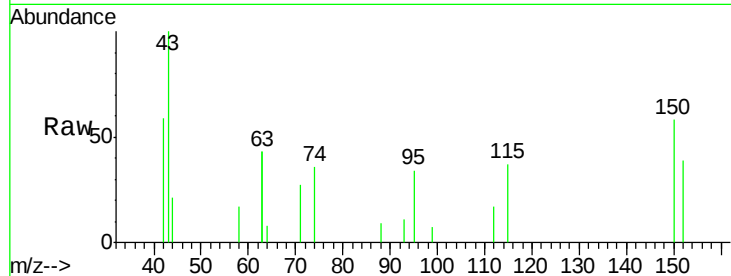
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095863.D
Acq: 27 Mar 2018 5:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-031918

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.8	117.2	175.8
115	94.3	57.0	85.6

Manual Integrations
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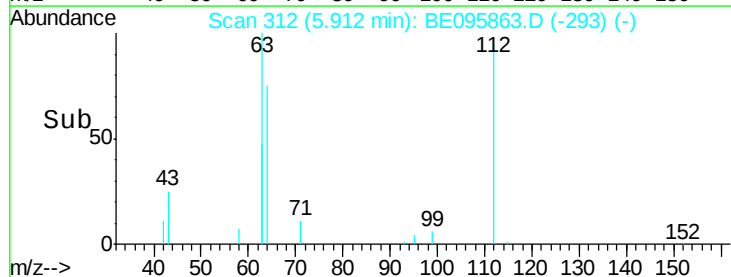
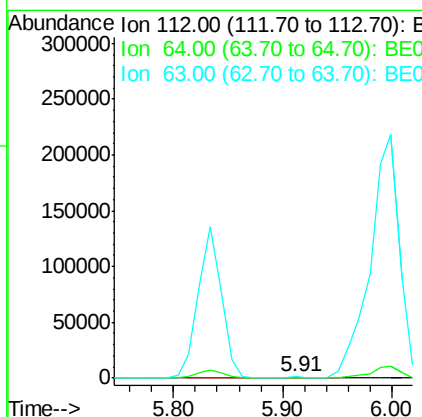
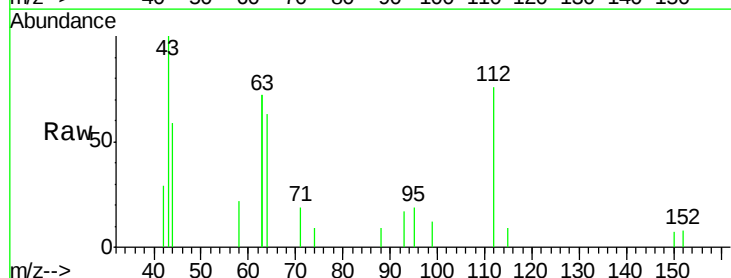
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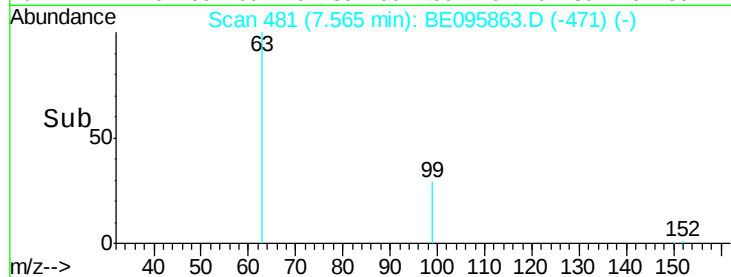
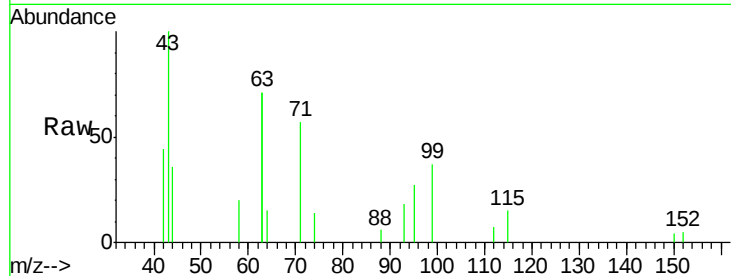
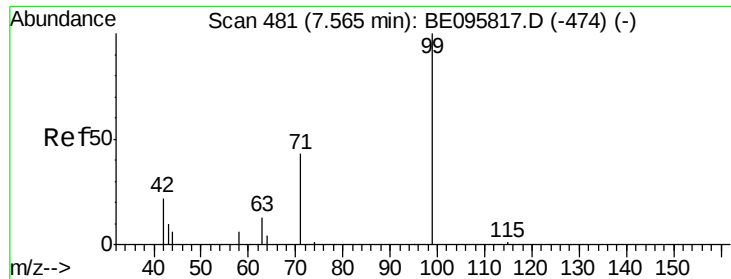


#4

2-Fluorophenol
Concen: 0.267 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095863.D
Acq: 27 Mar 2018 5:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.1	60.1	90.1
63	0.0	116.8	175.2





#5

Phenol-d6

Concen: 0.118 ng

RT: 7.57 min Scan# 481

Delta R.T. 0.00 min

Lab File: BE095863.D

Acq: 27 Mar 2018 5:55

Tot Ion:	99	Resp:	762
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	0.0	28.4	42.6#

Instrument :

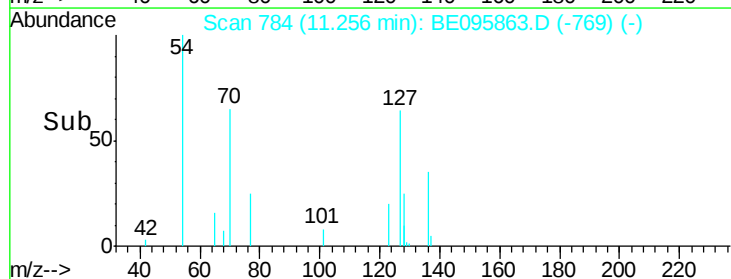
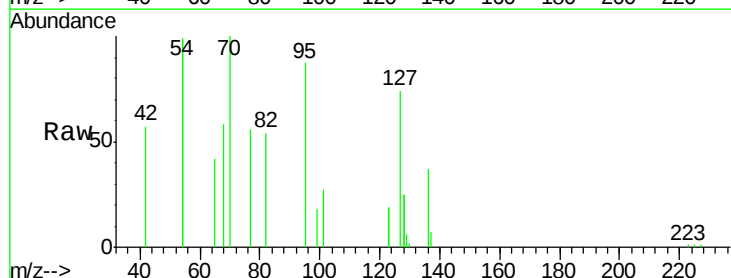
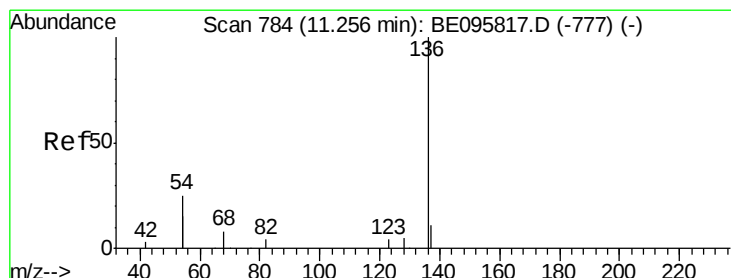
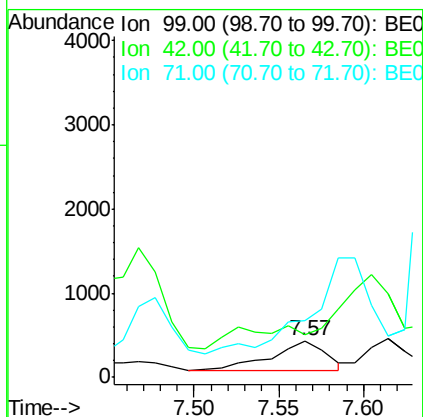
BNA_E

ClientSampled :

PR-MW-01-031918

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#7

Naphthalene-d8

Concen: 0.400 ng

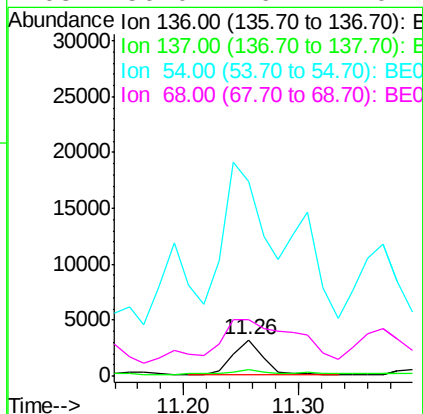
RT: 11.26 min Scan# 784

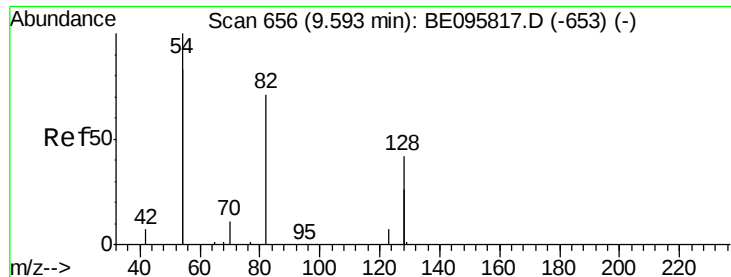
Delta R.T. 0.00 min

Lab File: BE095863.D

Acq: 27 Mar 2018 5:55

Tgt Ion:	136	Resp:	5596
Ion	Ratio	Lower	Upper
136	100		
137	18.2	9.5	14.3#
54	534.5	29.1	43.7#
68	156.0	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.852 ng/ml

RT: 9.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: BE095863.D

Acq: 27 Mar 2018 5:55

Instrument :

BNA_E

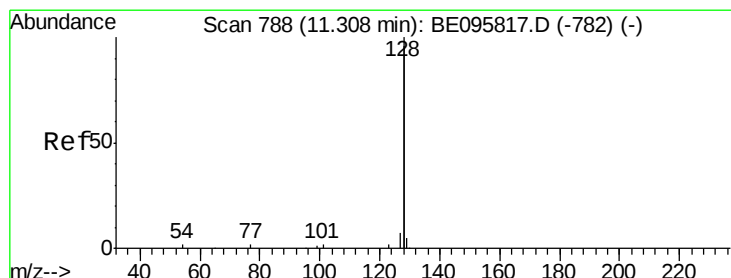
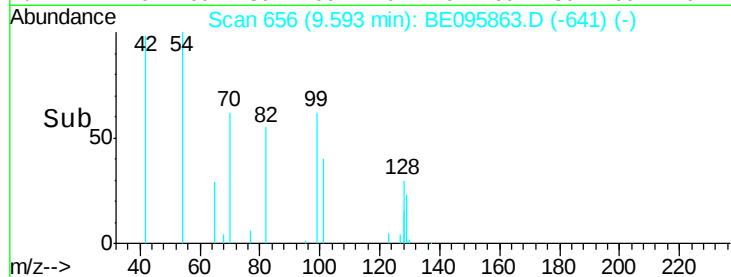
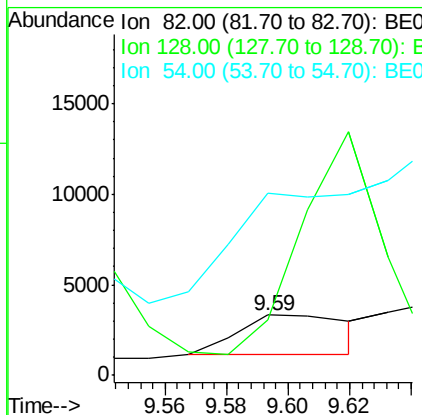
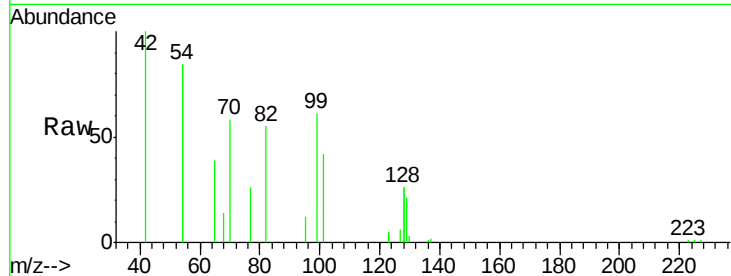
ClientSampleId :

PR-MW-01-031918

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.2	150.0	225.0#
54	152.3	154.2	231.4#

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#9

Naphthalene

Concen: 52.222 ng/ml

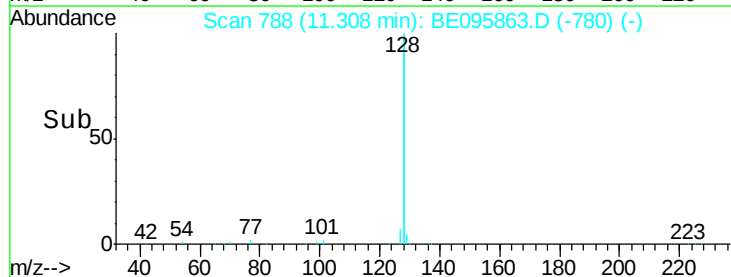
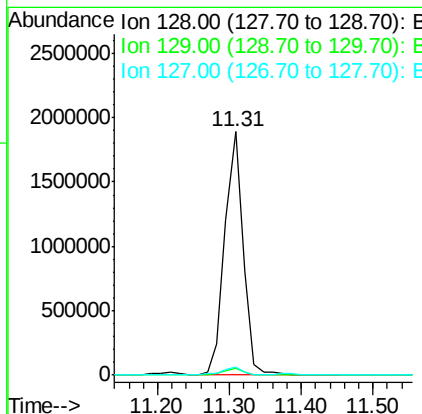
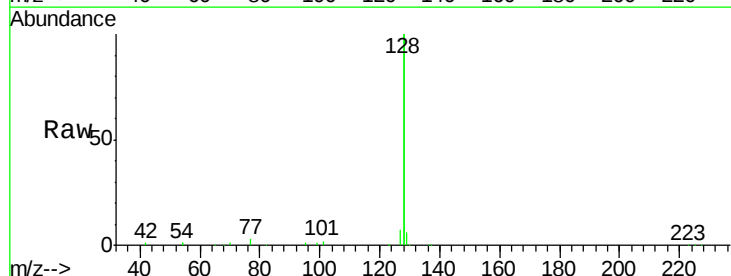
RT: 11.31 min Scan# 788

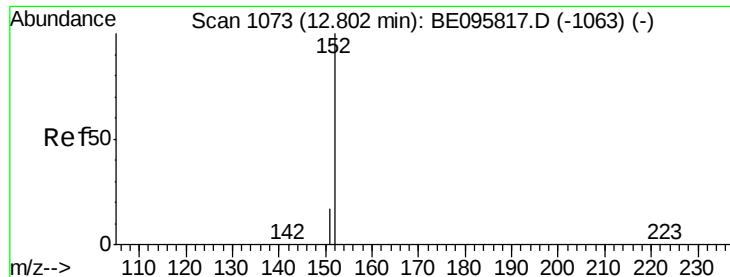
Delta R.T. 0.00 min

Lab File: BE095863.D

Acq: 27 Mar 2018 5:55

Tgt Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.4	2.8	4.2





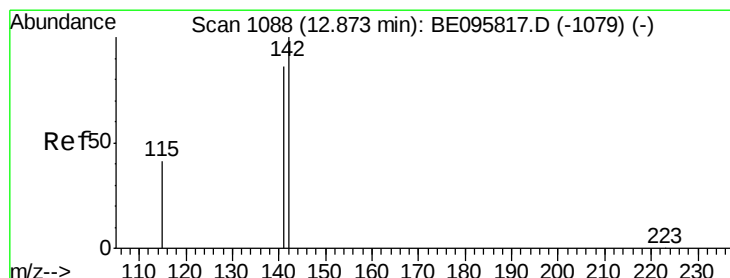
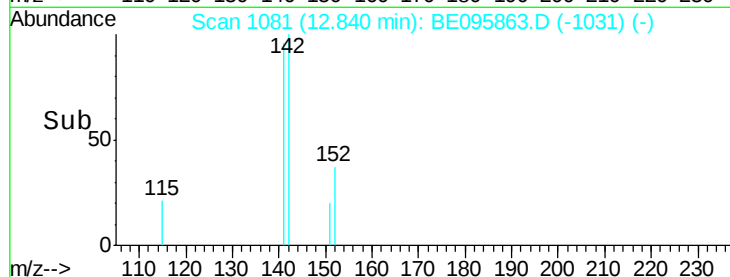
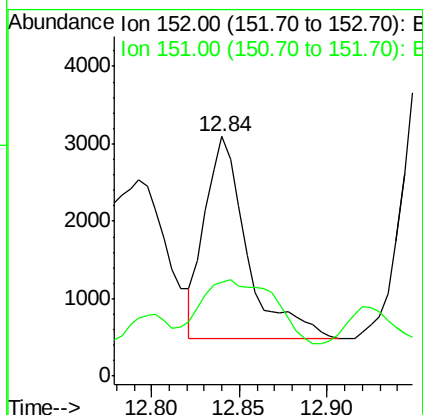
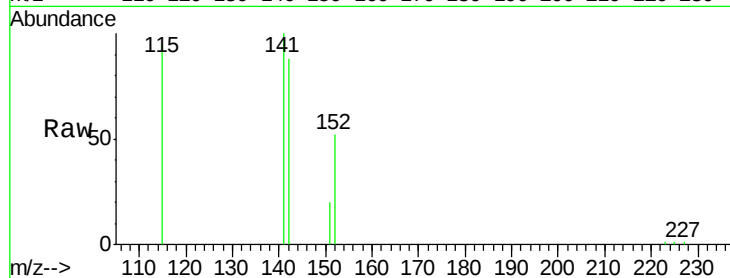
#11
2-Methylnaphthalene-d10
Concen: 0.468 ng
RT: 12.84 min Scan# 1081
Delta R.T. 0.04 min
Lab File: BE095863.D
Acq: 27 Mar 2018 5:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-031918

Tot Ion:152 Resp: 4369
Ion Ratio Lower Upper
152 100
151 56.4 15.4 23.0#

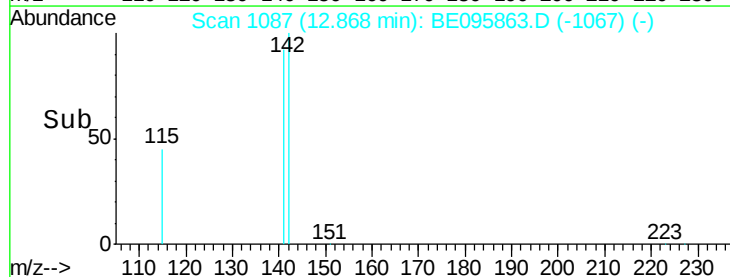
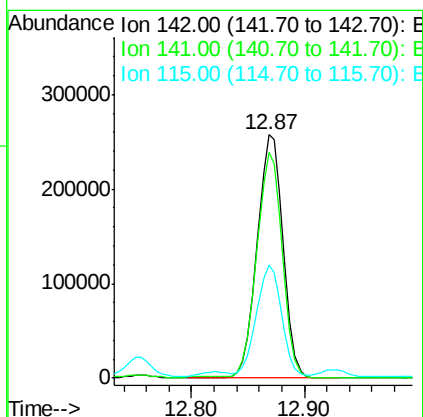
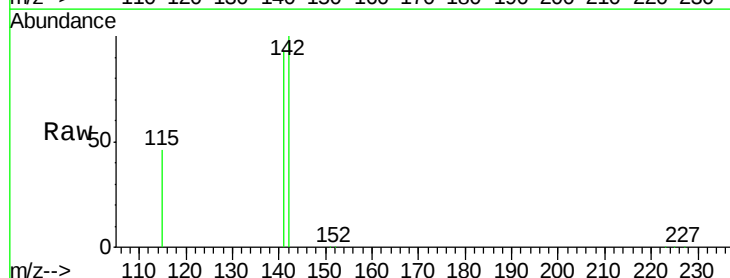
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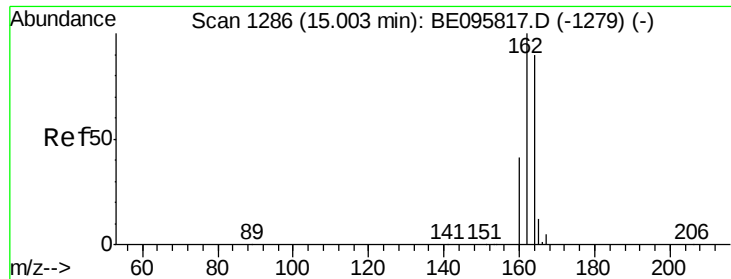
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#12
2-Methylnaphthalene
Concen: 37.362 ng
RT: 12.87 min Scan# 1087
Delta R.T. -0.00 min
Lab File: BE095863.D
Acq: 27 Mar 2018 5:55

Tgt Ion:142 Resp: 407836
Ion Ratio Lower Upper
142 100
141 92.6 70.4 105.6
115 46.5 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.01 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BE095863.D

Acq: 27 Mar 2018 5:55

Instrument :

BNA_E

ClientSampleId :

PR-MW-01-031918

Tot Ion:164 Resp: 6022

Ion Ratio Lower Upper

164 100

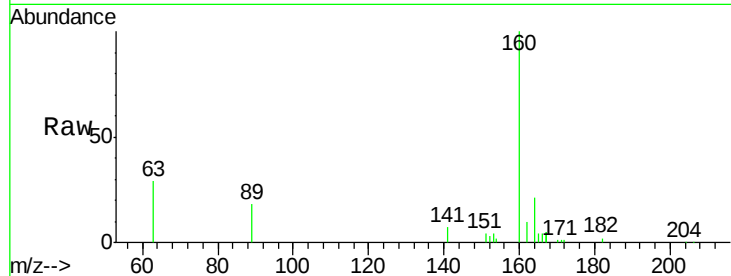
162 47.5 83.1 124.7#

160 466.5 37.1 55.7#

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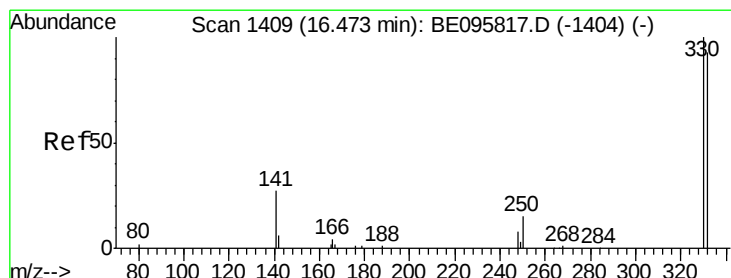
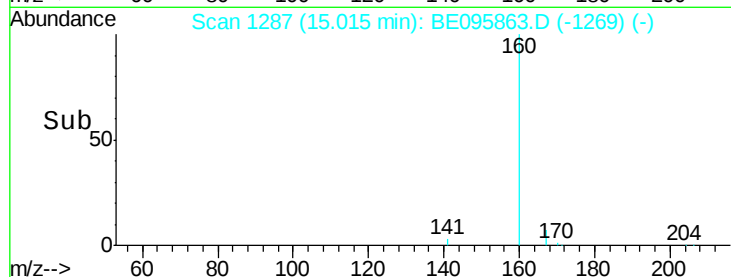
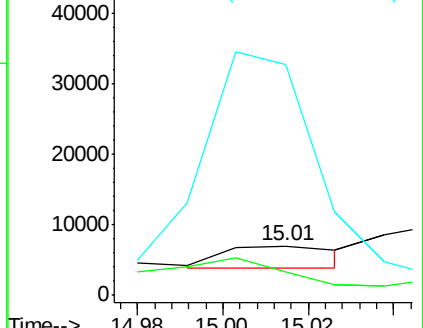
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Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.194 ng

RT: 16.47 min Scan# 1409

Delta R.T. 0.00 min

Lab File: BE095863.D

Acq: 27 Mar 2018 5:55

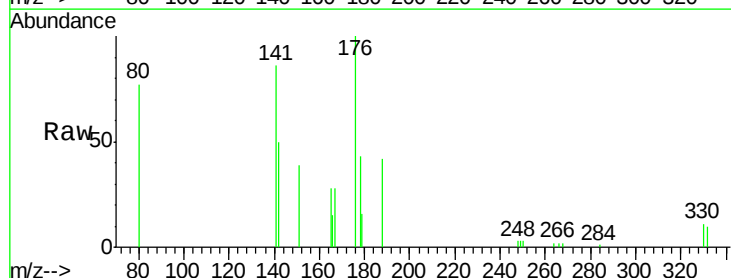
Tgt Ion:330 Resp: 673

Ion Ratio Lower Upper

330 100

332 99.0 152.7 229.1#

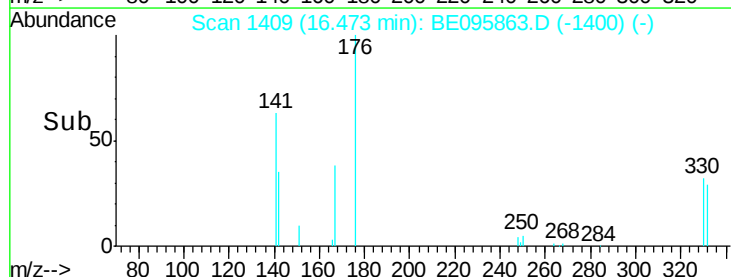
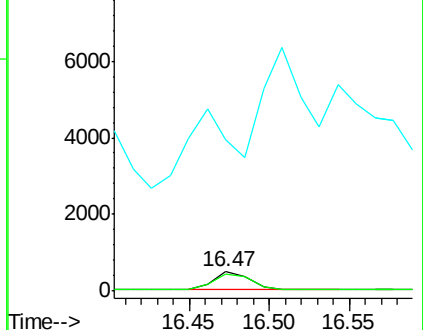
141 180.2 33.7 50.5#

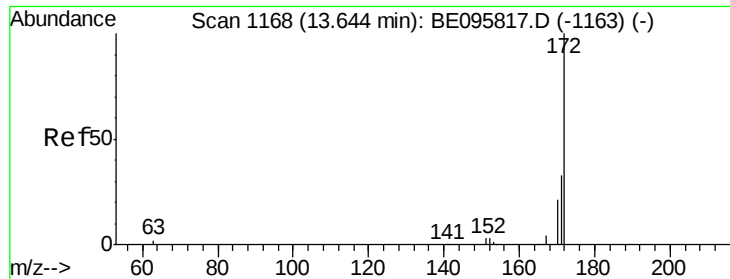


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





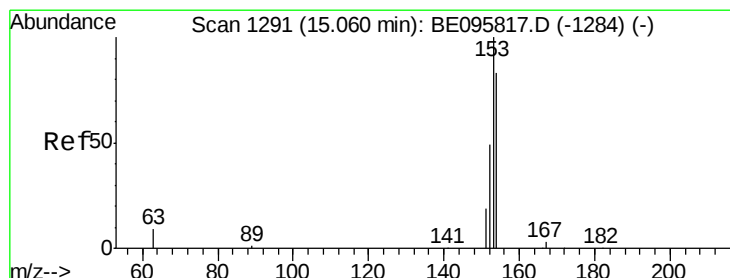
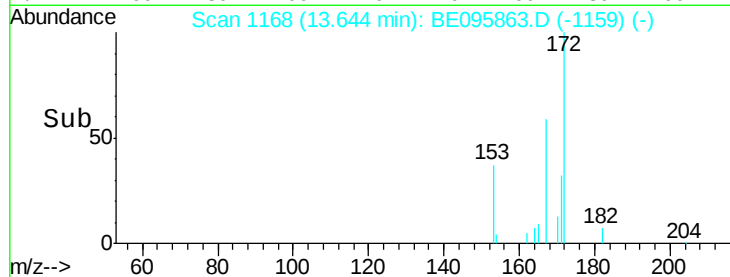
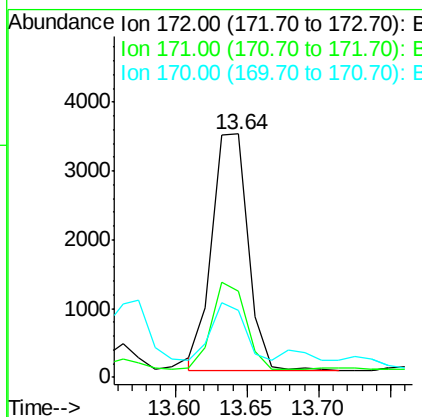
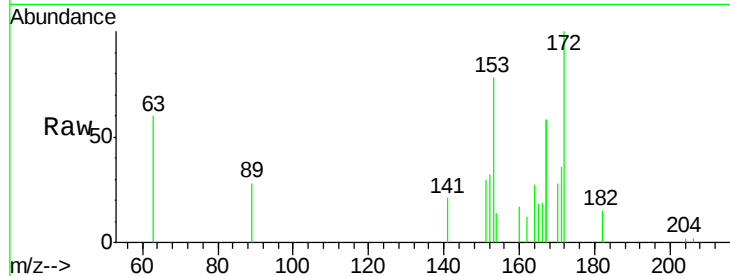
#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 13.64 min Scan# 1168
Delta R.T. 0.00 min
Lab File: BE095863.D
Acq: 27 Mar 2018 5:55

Instrument :
BNA_E
ClientSampleId :
PR-MW-01-031918

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.9	44.9
170	27.6	21.8	32.8

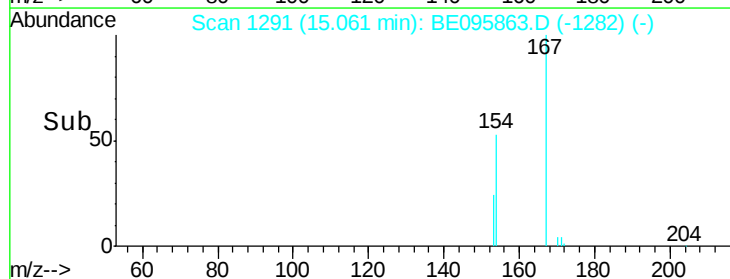
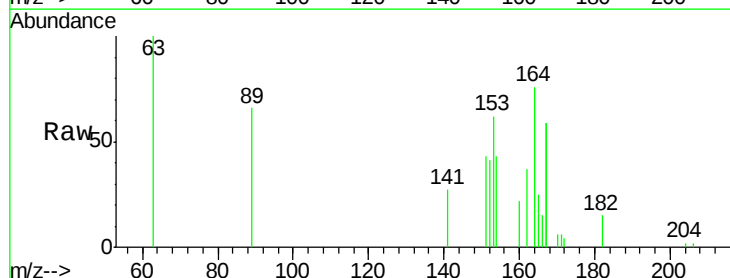
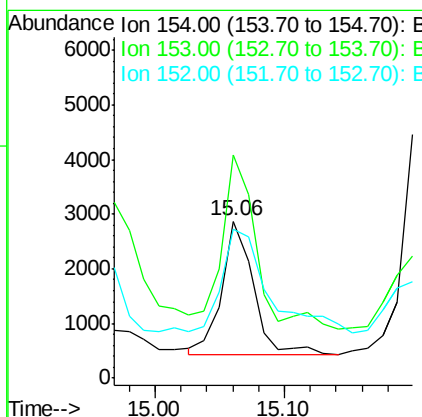
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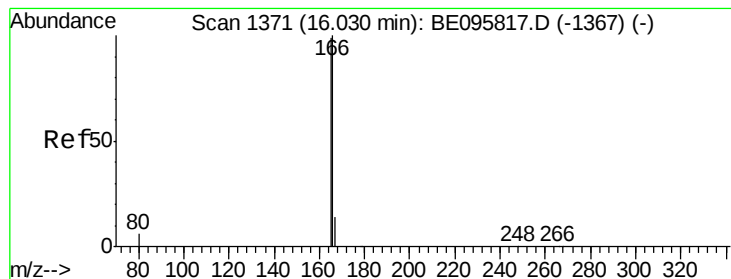
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#17
Acenaphthene
Concen: 0.201 ng
RT: 15.06 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BE095863.D
Acq: 27 Mar 2018 5:55

Tgt Ion	Ratio	Lower	Upper
154	100		
153	139.8	89.2	133.8#
152	111.9	42.0	63.0#





#18

Fluorene

Concen: 0.409 ng

RT: 16.03 min Scan# 1371

Delta R.T. 0.00 min

Lab File: BE095863.D

Acq: 27 Mar 2018 5:55

Instrument :

BNA_E

ClientSampleId :

PR-MW-01-031918

Tot Ion:166 Resp: 11289

Ion Ratio Lower Upper

166 100

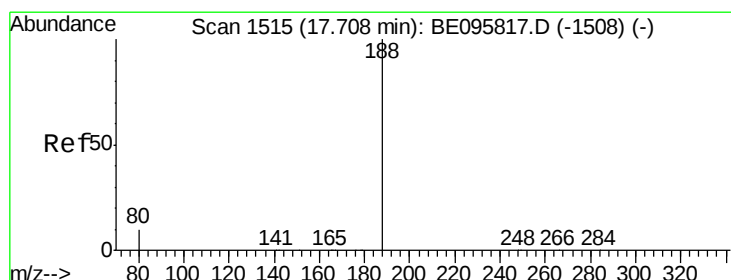
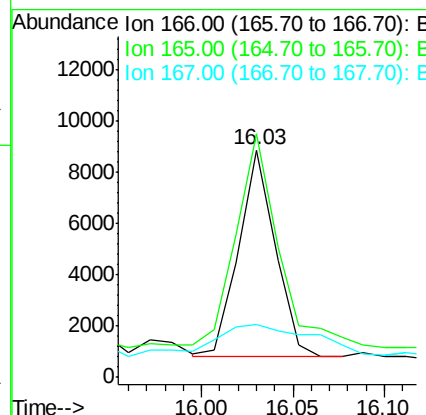
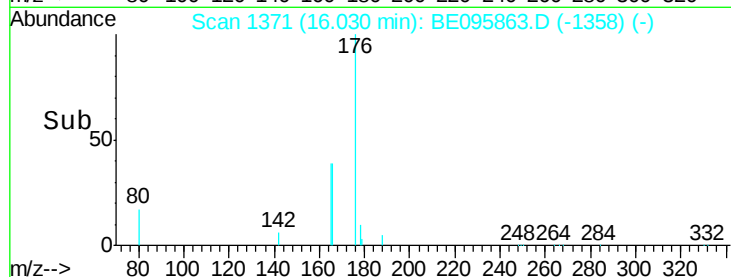
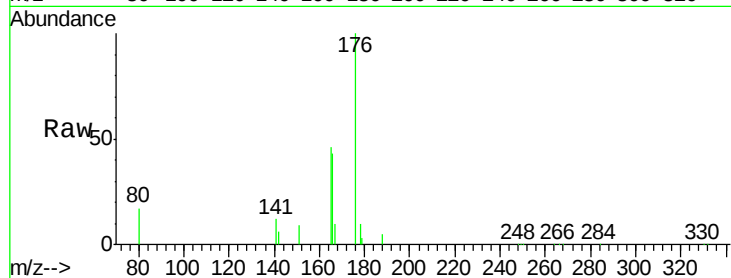
165 121.7 77.8 116.6#

167 43.0 42.4 63.6

Manual Integrations
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#19

Phenanthrene-d10

Concen: 0.400 ng m

RT: 17.71 min Scan# 1515

Delta R.T. 0.00 min

Lab File: BE095863.D

Acq: 27 Mar 2018 5:55

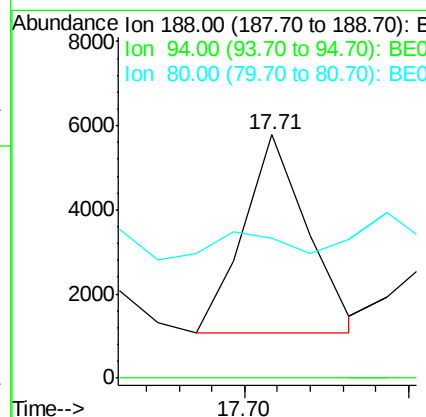
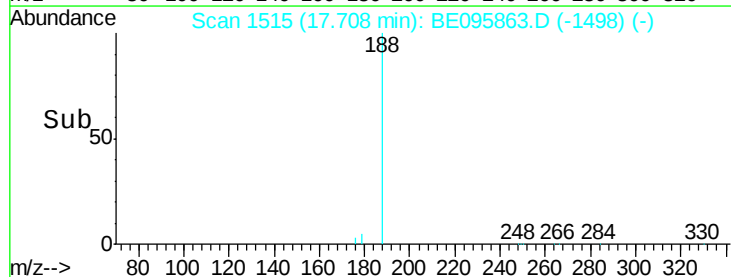
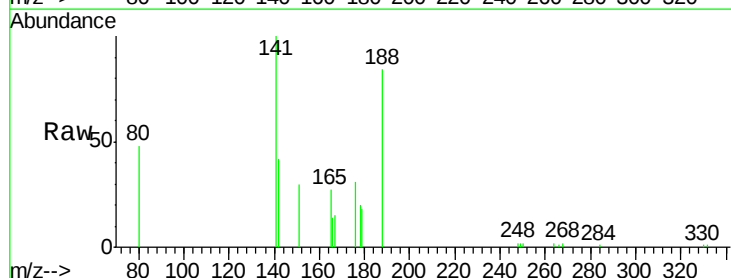
Tgt Ion:188 Resp: 6395

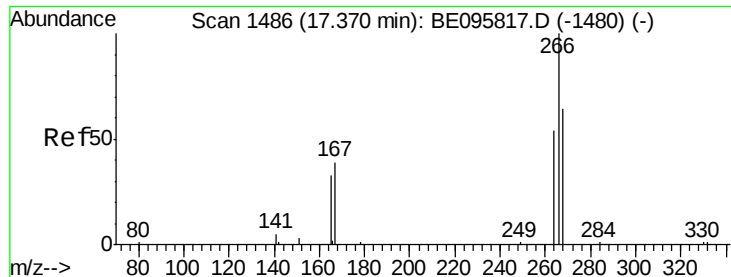
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 57.4 3.6 5.4#





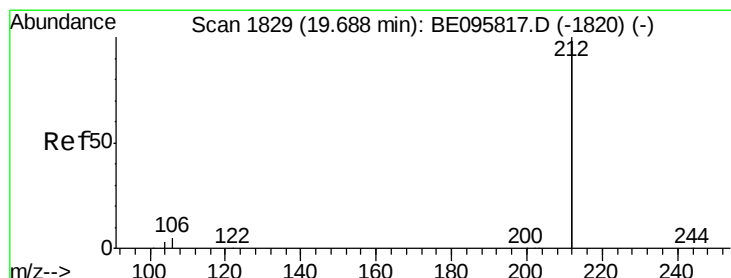
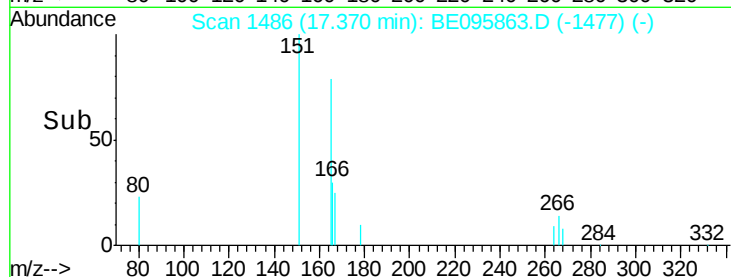
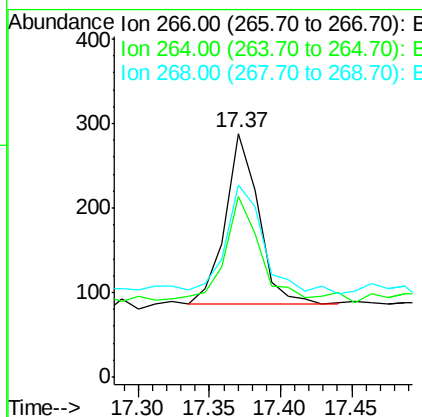
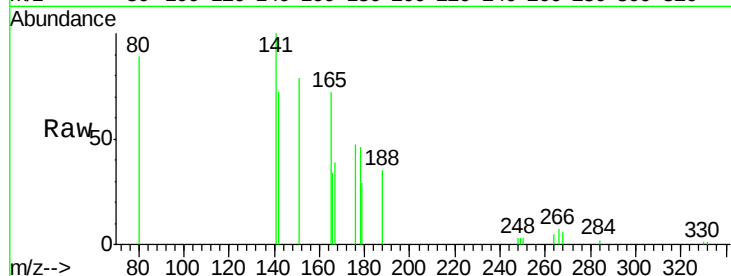
#22
 Pentachlorophenol
 Concen: 0.359 ng
 RT: 17.37 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BE095863.D
 Acq: 27 Mar 2018 5:55

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-01-031918

Tot Ion	Ratio	Lower	Upper
266	100		
264	74.3	72.5	108.7
268	79.2	73.8	110.6

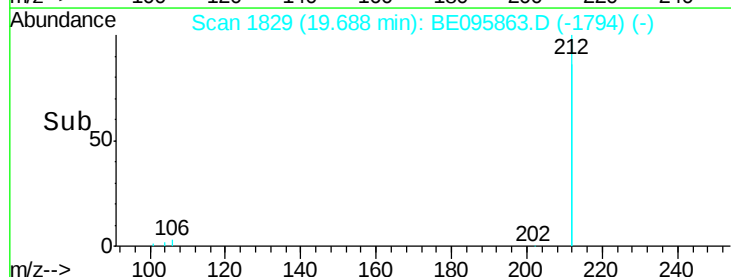
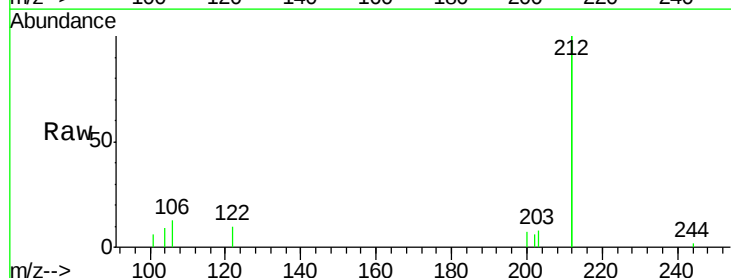
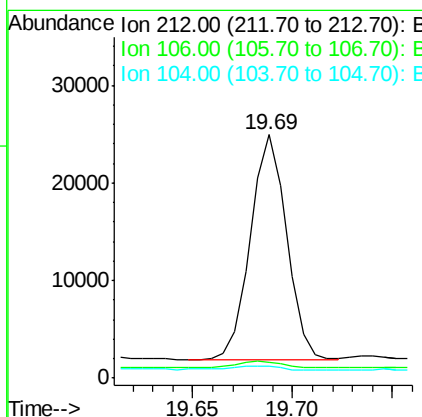
Manual Integrations
 APPROVED

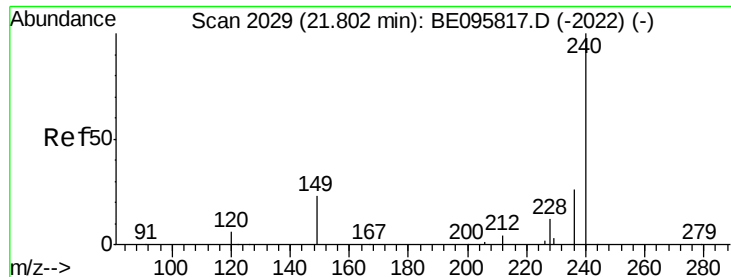
Sohil
 3/27/2018 4:58:21 PM



#25
 Fluoranthene-d10
 Concen: 0.304 ng
 RT: 19.69 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BE095863.D
 Acq: 27 Mar 2018 5:55

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.5	2.8	4.2
104	2.2	1.6	2.4





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.01 min

Lab File: BE095863.D

Acq: 27 Mar 2018 5:55

Instrument :

BNA_E

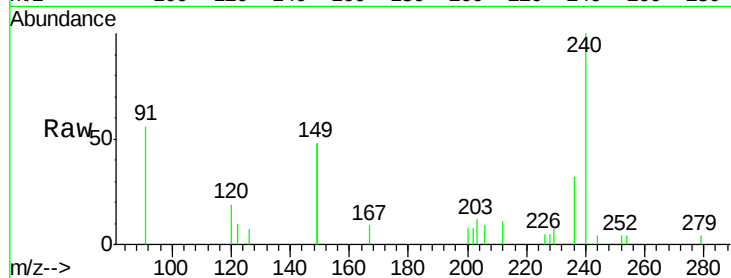
ClientSampleId :

PR-MW-01-031918

Tot Ion	Ratio	Lower	Upper
240	100		
120	18.9	5.5	8.3#
236	31.8	20.7	31.1#

Manual Integrations
APPROVED

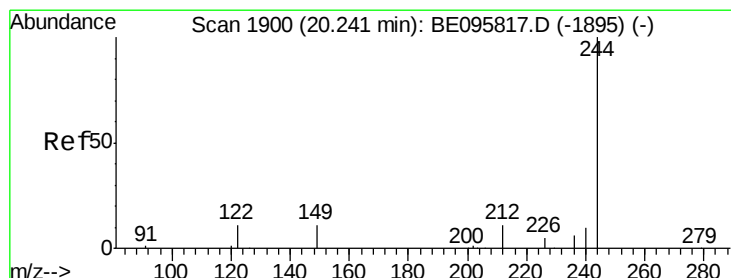
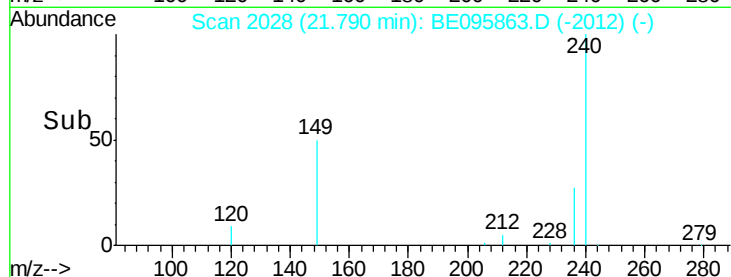
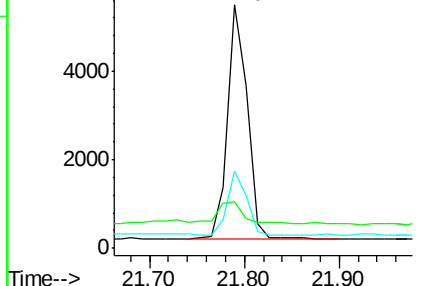
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#29

Terphenyl-d14

Concen: 0.562 ng

RT: 20.24 min Scan# 1900

Delta R.T. 0.00 min

Lab File: BE095863.D

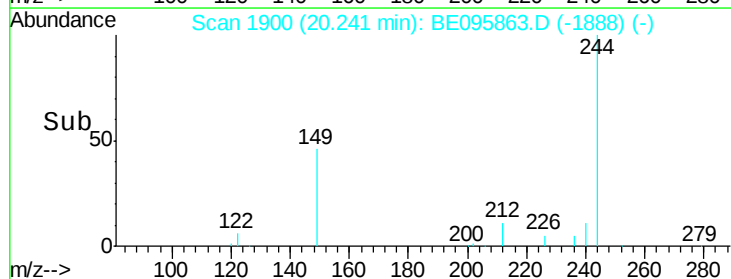
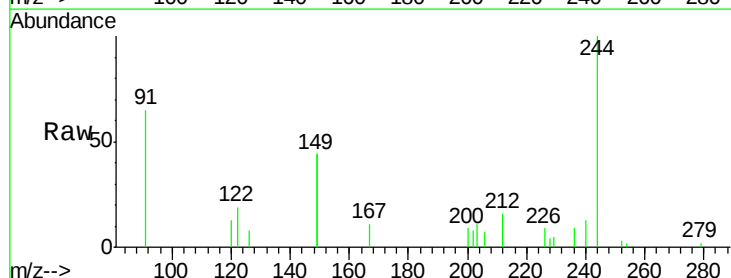
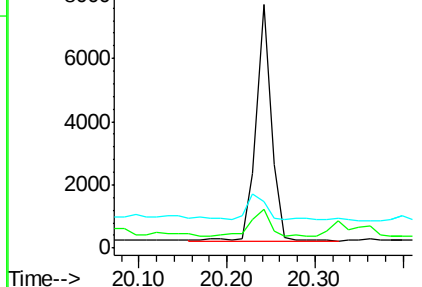
Acq: 27 Mar 2018 5:55

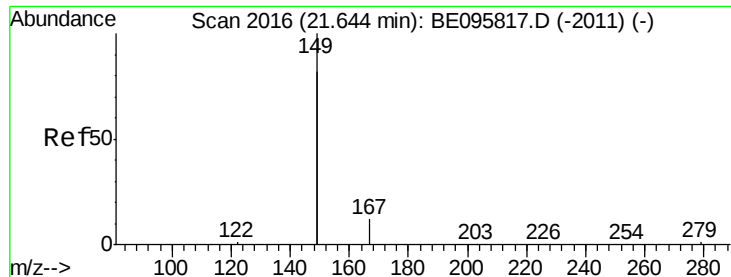
Tgt Ion	Ratio	Lower	Upper
244	100		
212	16.0	25.4	38.0#
122	19.0	8.1	12.1#

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





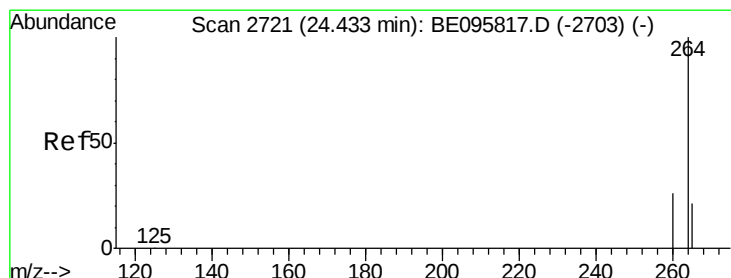
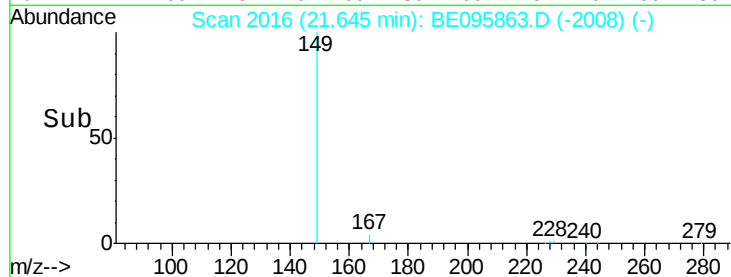
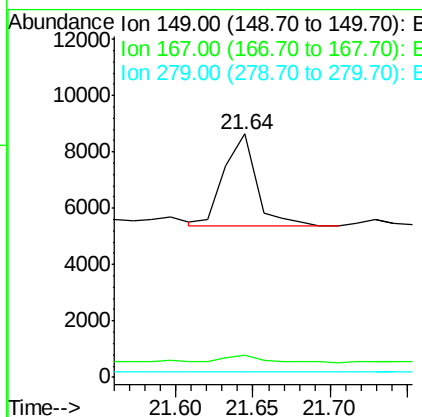
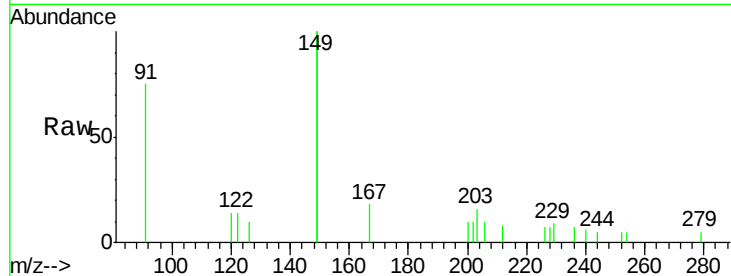
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 0.059 ng
 RT: 21.64 min Scan# 2016
 Delta R.T. 0.00 min
 Lab File: BE095863.D
 Acq: 27 Mar 2018 5:55

Instrument :
 BNA_E
 ClientSampleId :
 PR-MW-01-031918

Tot Ion	Ratio	Lower	Upper
149	100		
167	10.6	5.4	8.0#
279	1.3	0.7	1.1#

Manual Integrations
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.42 min Scan# 2716
 Delta R.T. -0.02 min
 Lab File: BE095863.D
 Acq: 27 Mar 2018 5:55

Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.6	20.5	30.7
265	33.9	22.8	34.2

