

Data Path : Z:\HPCHEM1\BNA E\DATA\BE032718\
 Data File : BE095868.D
 Acq On : 27 Mar 2018 14:40
 Operator : SJ/JU
 Sample : J1994-15RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

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

Manual Integrations
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 3/28/2018 4:48:55 PM

Quant Time: Mar 28 14:26:56 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	1445	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	5672	0.40	ng	0.00
13) Acenaphthene-d10	15.01	164	7844m	0.40	ng	0.01
19) Phenanthrene-d10	17.71	188	6212m	0.40	ng	0.00
27) Chrysene-d12	21.79	240	7729	0.40	ng	-0.01
34) Perylene-d12	24.42	264	7465	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1588m	0.33	ng	0.00
5) Phenol-d6	7.57	99	773	0.12	ng	0.00
8) Nitrobenzene-d5	9.59	82	6496m	0.97	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	4094m	0.43	ng	-0.01
14) 2,4,6-Tribromophenol	16.47	330	669	0.15	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	6201m	0.19	ng	0.00
25) Fluoranthene-d10	19.69	212	29187	0.32	ng	0.00
29) Terphenyl-d14	20.24	244	8820	0.54	ng	0.00
Target Compounds						Qvalue
9) Naphthalene	11.31	128	3383159	52.222	ng	100
12) 2-Methylnaphthalene	12.87	142	411090	37.156	ng	95
17) Acenaphthene	15.06	154	4167	0.152	ng	# 53
18) Fluorene	16.03	166	11382	0.316	ng	# 76
22) Pentachlorophenol	17.37	266	513m	0.495	ng	
32) Bis(2-ethylhexyl)phthalate	21.64	149	4752m	0.058	ng	

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

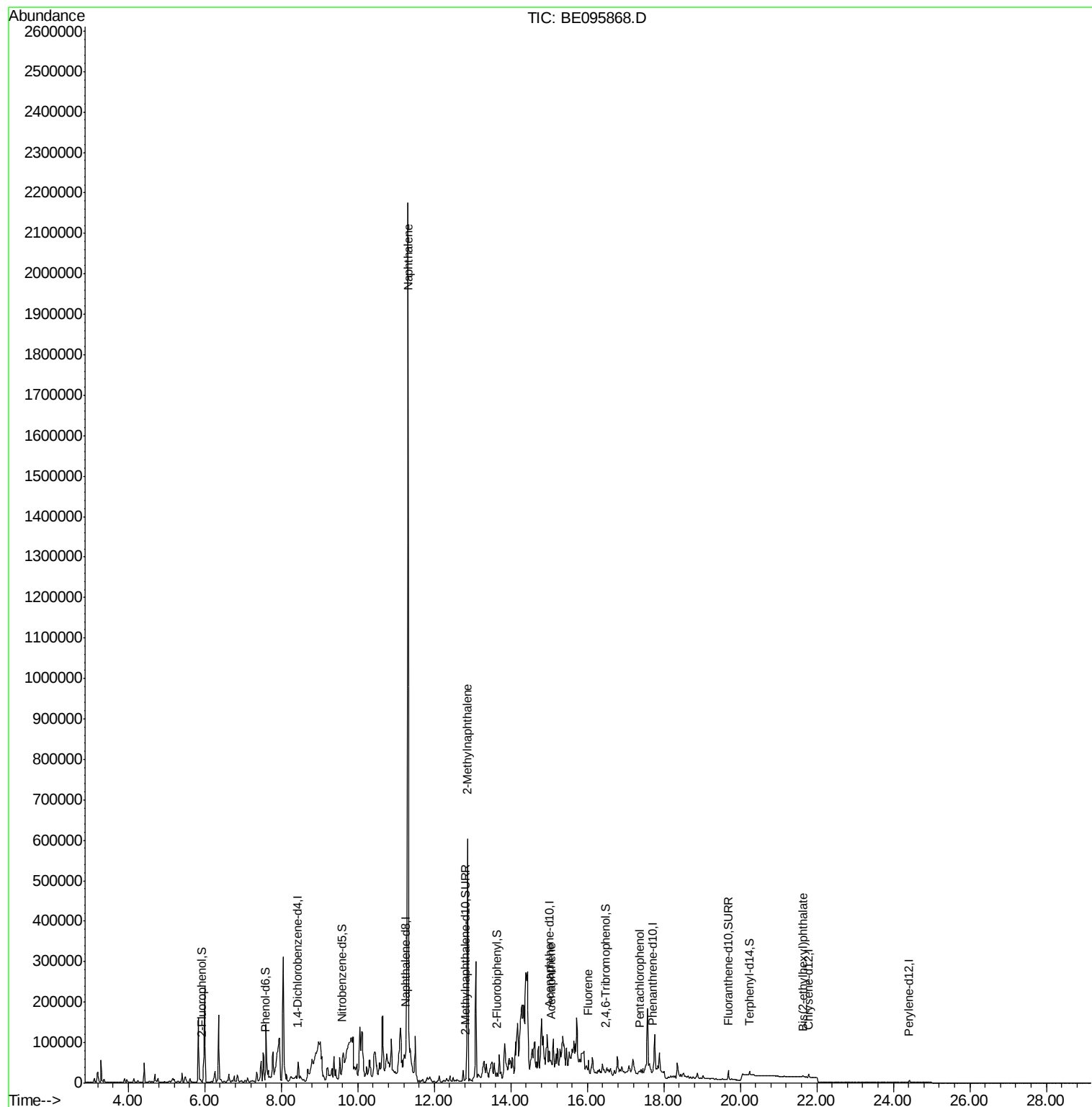
Data Path : Z:\HPCHEM1\BNA E\DATA\BE032718\
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Misc :
ALS Vial : 4 Sample Multiplier: 1

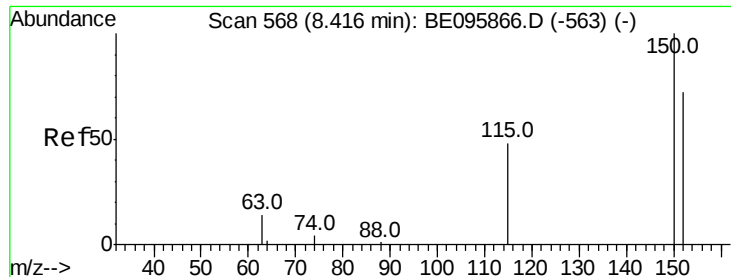
Instrument :
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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 0.400 ng

RT: 8.42 min Scan# 568

Delta R.T. -0.01 min

Lab File: BE095868.D

Acq: 27 Mar 2018 14:40

Instrument :

BNA_E

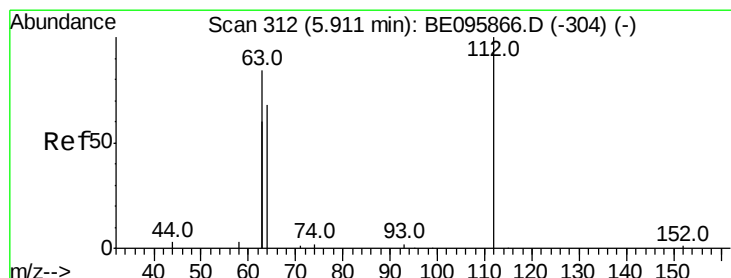
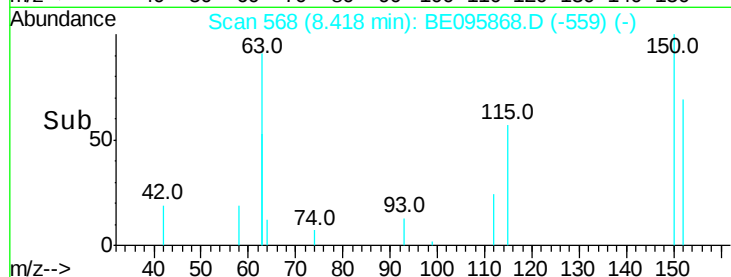
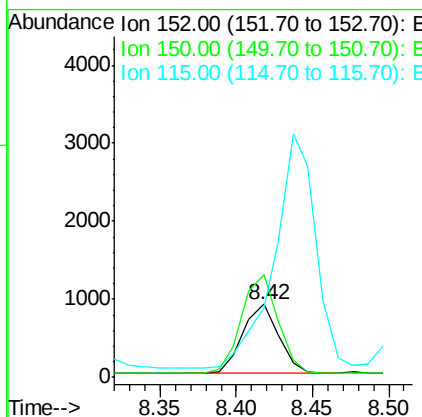
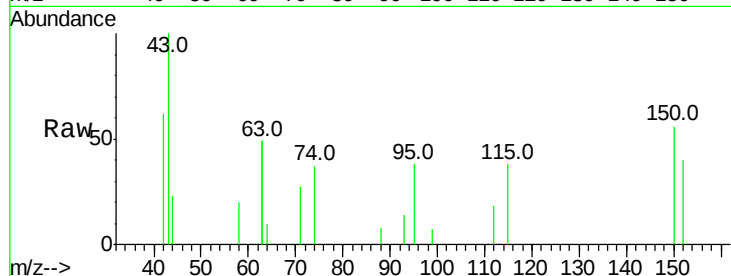
ClientSampleId :

PR-MW-01-031918RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	140.7	117.2	175.8
115	94.2	57.0	85.6

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#4

2-Fluorophenol

Concen: 0.333 ng m

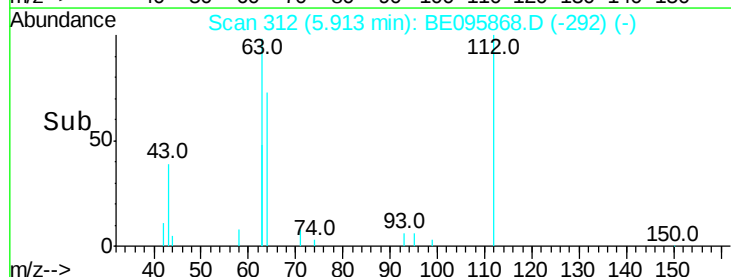
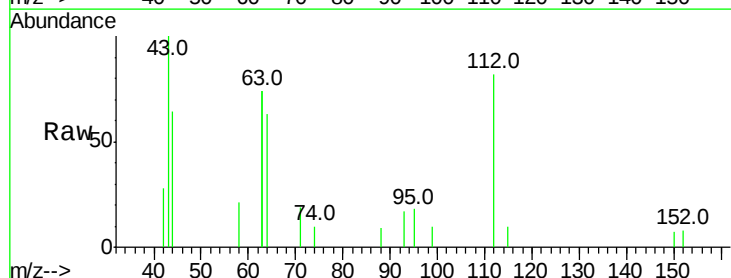
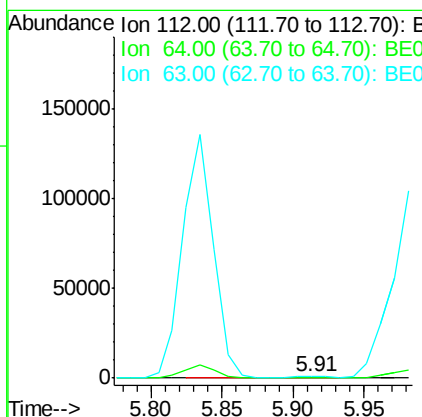
RT: 5.91 min Scan# 312

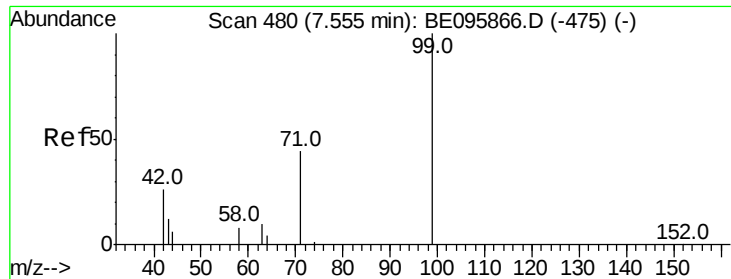
Delta R.T. -0.01 min

Lab File: BE095868.D

Acq: 27 Mar 2018 14:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.3	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: BE095868.D

Acq: 27 Mar 2018 14:40

Instrument :

BNA_E

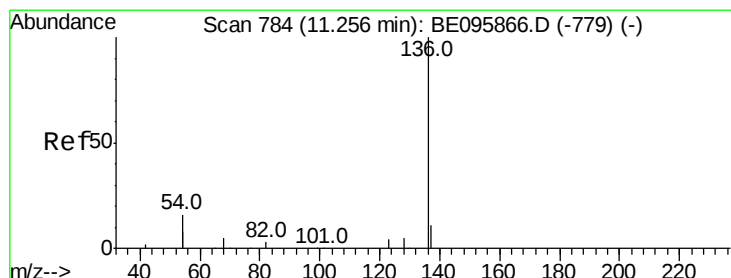
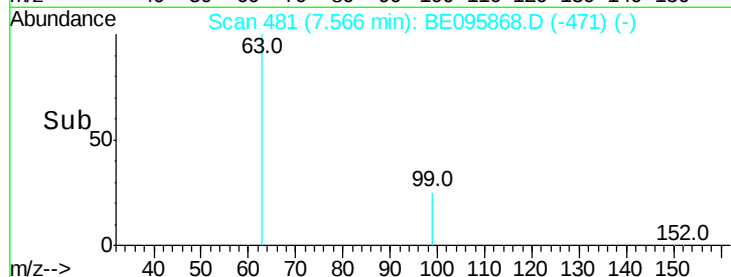
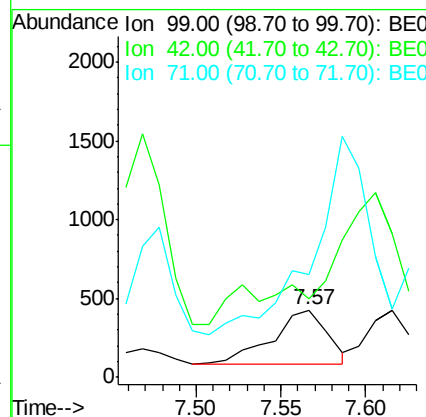
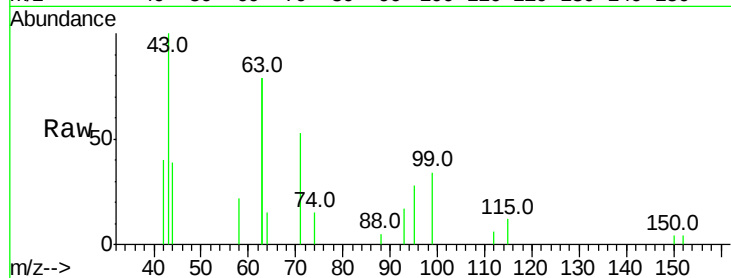
ClientSampled :

PR-MW-01-031918RE

Tot Ion:	99	Resp:	773
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	376.2	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

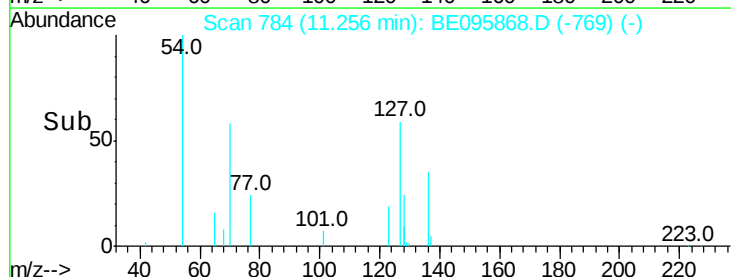
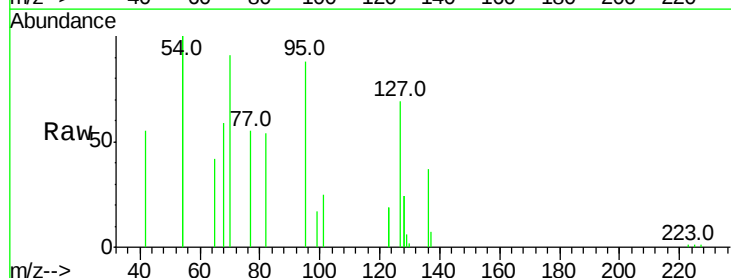
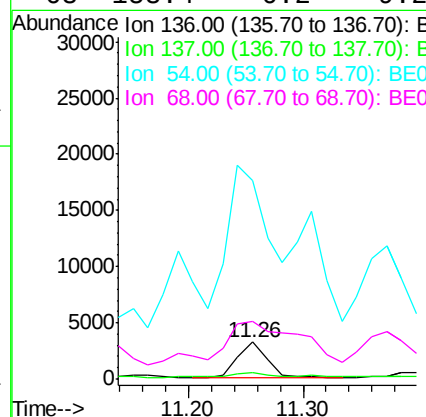
RT: 11.26 min Scan# 784

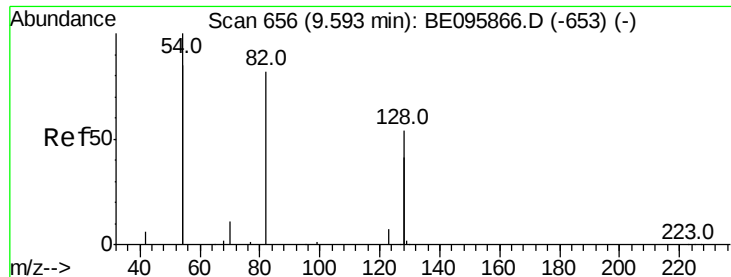
Delta R.T. -0.00 min

Lab File: BE095868.D

Acq: 27 Mar 2018 14:40

Tgt Ion:	136	Resp:	5672
Ion	Ratio	Lower	Upper
136	100		
137	18.4	9.5	14.3#
54	541.6	29.1	43.7#
68	158.4	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.969 ng m

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095868.D

Acq: 27 Mar 2018 14:40

Instrument :

BNA_E

ClientSampleId :

PR-MW-01-031918RE

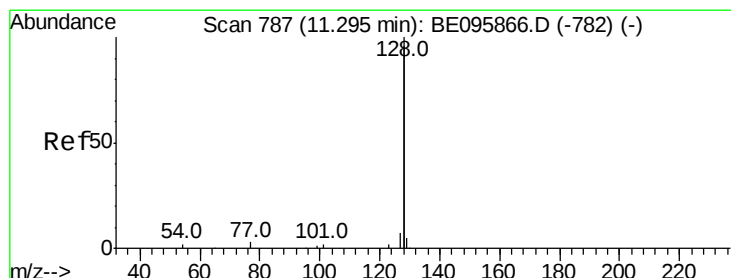
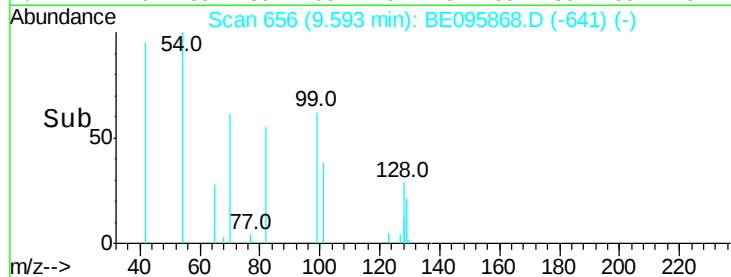
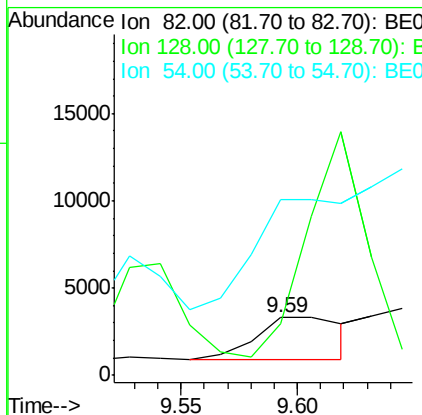
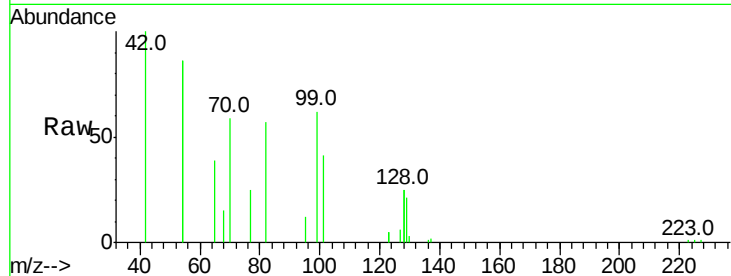
Tot Ion: 82 Resp: 6496

Ion	Ratio	Lower	Upper
82	100		
128	44.5	150.0	225.0#
54	151.6	154.2	231.4#

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#9

Naphthalene

Concen: 52.222 ng

RT: 11.31 min Scan# 788

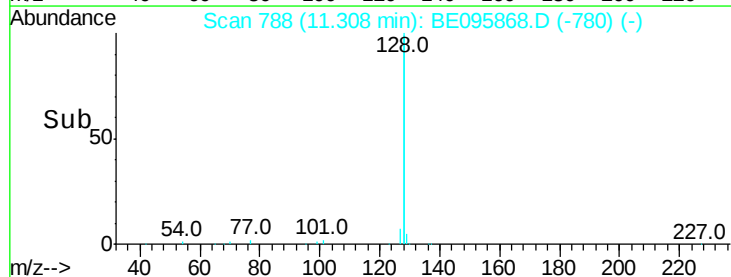
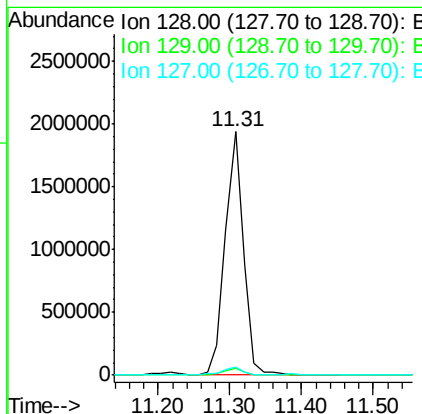
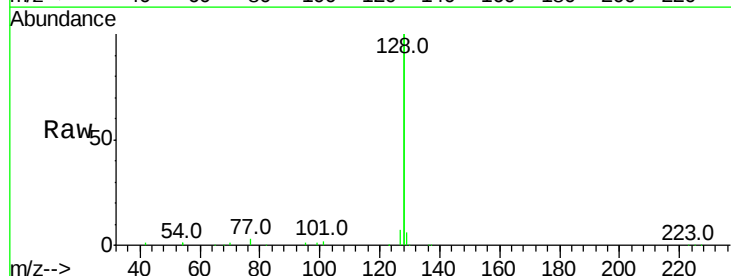
Delta R.T. -0.00 min

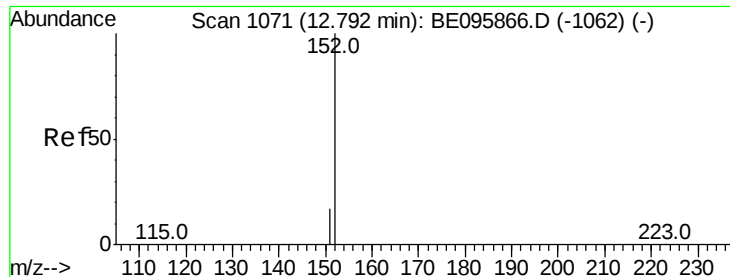
Lab File: BE095868.D

Acq: 27 Mar 2018 14:40

Tgt Ion: 128 Resp: 3383159

Ion	Ratio	Lower	Upper
128	100		
129	2.9	2.6	3.8
127	3.5	2.8	4.2





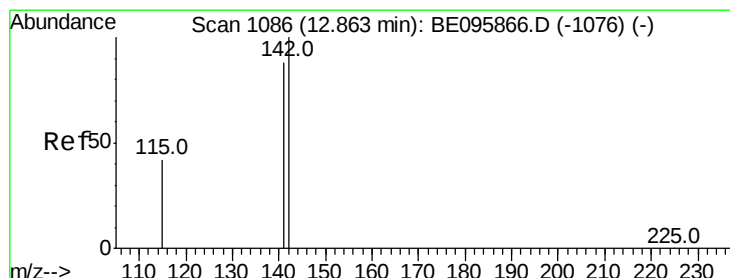
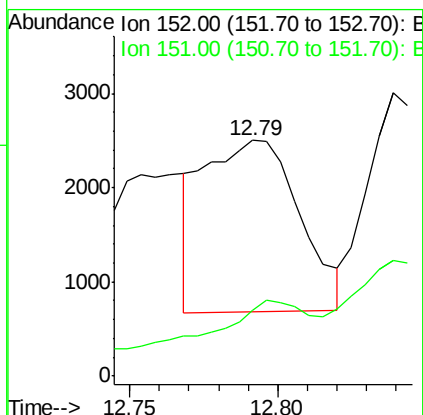
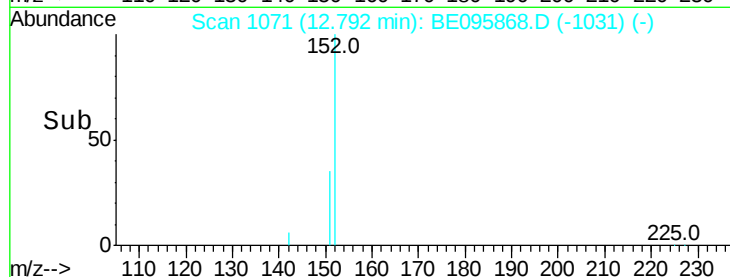
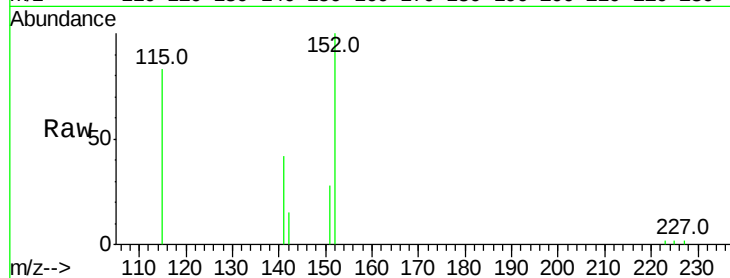
#11
2-Methylnaphthalene-d10
Concen: 0.432 ng m
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095868.D
Acq: 27 Mar 2018 14:40

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

Tot Ion:152 Resp: 4094
Ion Ratio Lower Upper
152 100
151 25.5 15.4 23.0#

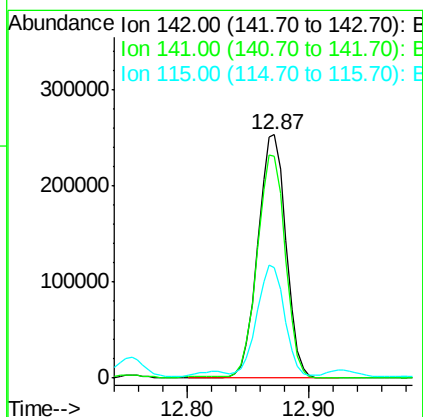
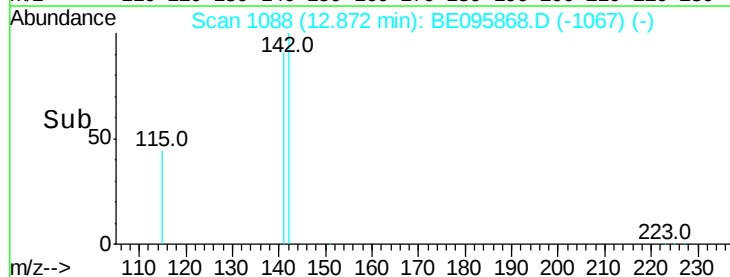
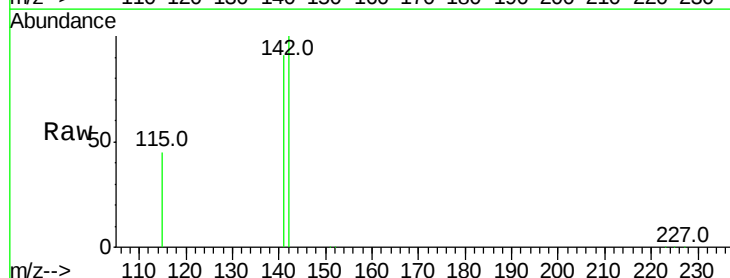
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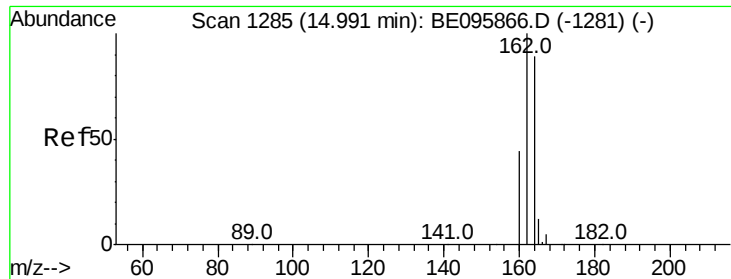
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#12
2-Methylnaphthalene
Concen: 37.156 ng
RT: 12.87 min Scan# 1088
Delta R.T. -0.00 min
Lab File: BE095868.D
Acq: 27 Mar 2018 14:40

Tgt Ion:142 Resp: 411090
Ion Ratio Lower Upper
142 100
141 91.2 70.4 105.6
115 45.4 31.7 47.5





#13

Acenaphthene-d10

Concen: 0.400 ng/ml

RT: 15.01 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BE095868.D

Acq: 27 Mar 2018 14:40

Instrument :

BNA_E

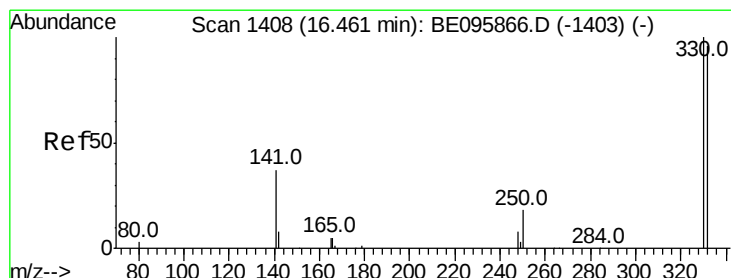
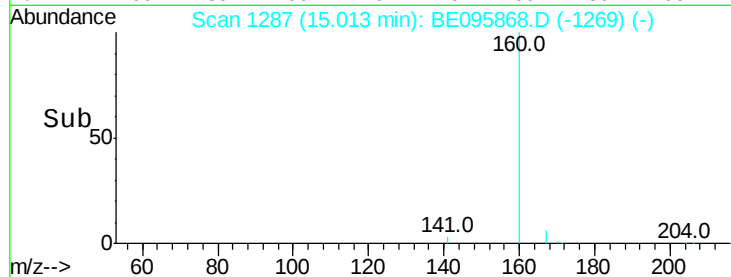
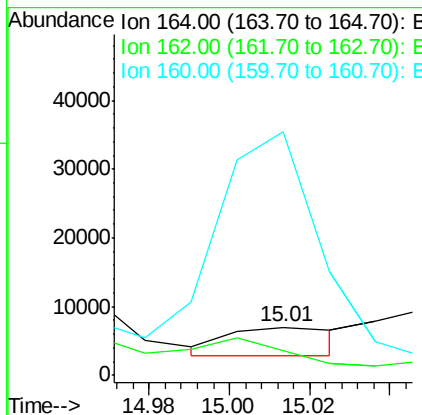
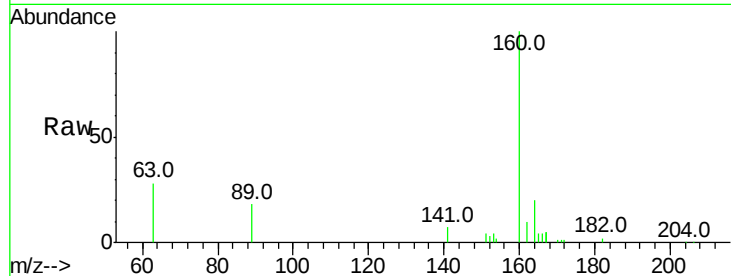
ClientSampleId :

PR-MW-01-031918RE

Tot Ion:	164	Resp:	7844
Ion	Ratio	Lower	Upper
164	100		
162	50.9	83.1	124.7#
160	507.4	37.1	55.7#

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#14

2,4,6-Tribromophenol

Concen: 0.148 ng/ml

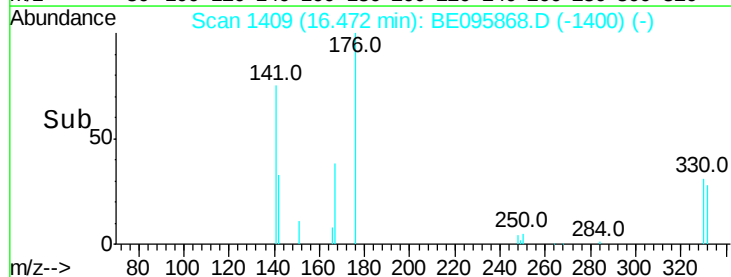
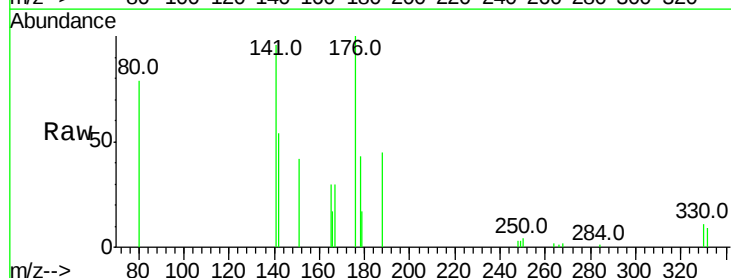
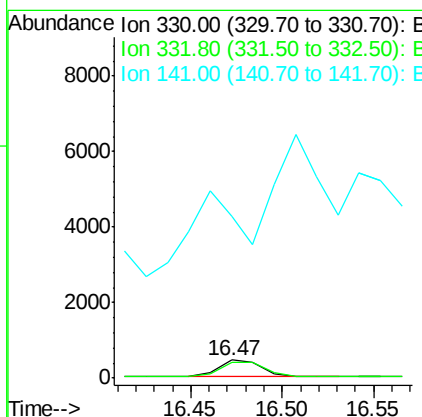
RT: 16.47 min Scan# 1409

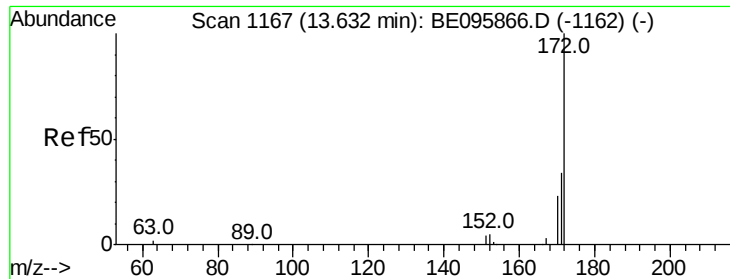
Delta R.T. -0.00 min

Lab File: BE095868.D

Acq: 27 Mar 2018 14:40

Tgt Ion:	330	Resp:	669
Ion	Ratio	Lower	Upper
330	100		
332	96.4	152.7	229.1#
141	225.6	33.7	50.5#





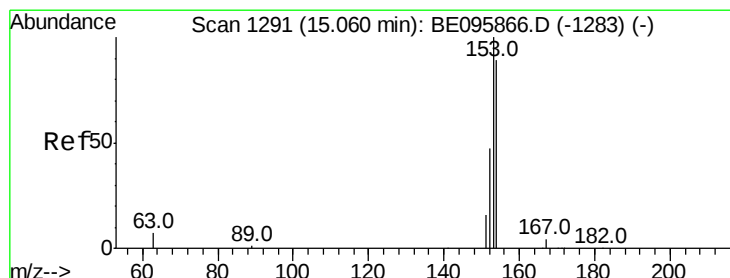
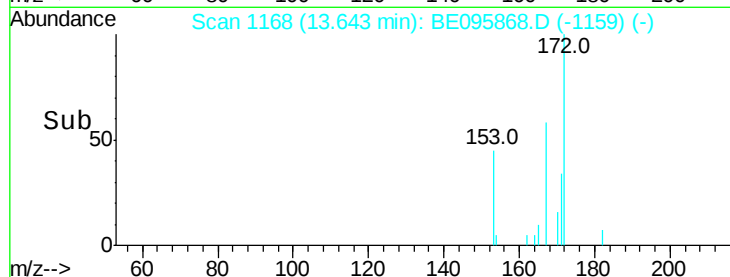
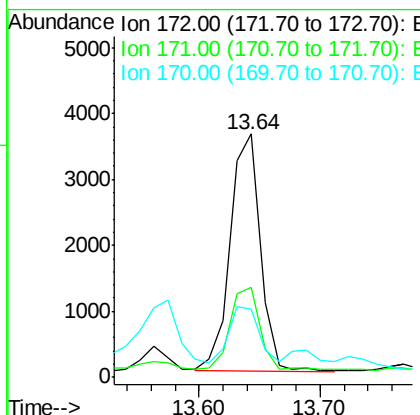
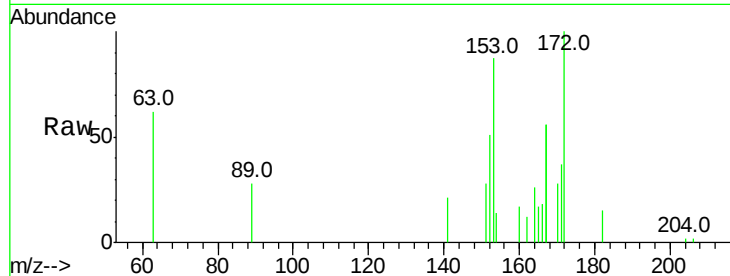
#15
2-Fluorobiphenyl
Concen: 0.188 ng/mL
RT: 13.64 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BE095868.D
Acq: 27 Mar 2018 14:40

Instrument :
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ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	29.9	44.9
170	28.0	21.8	32.8

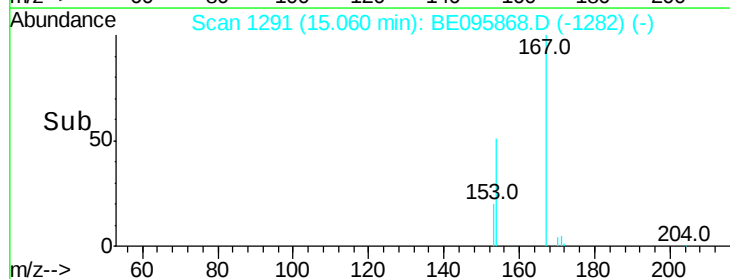
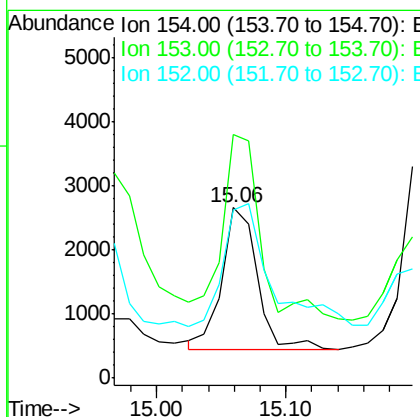
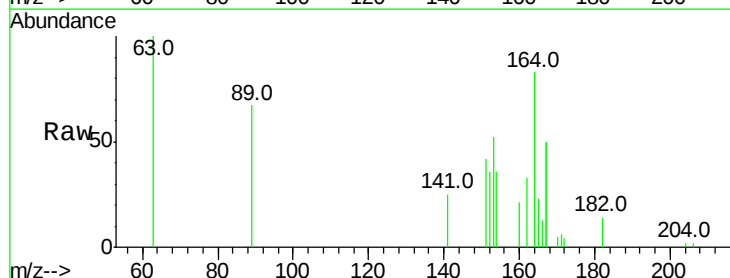
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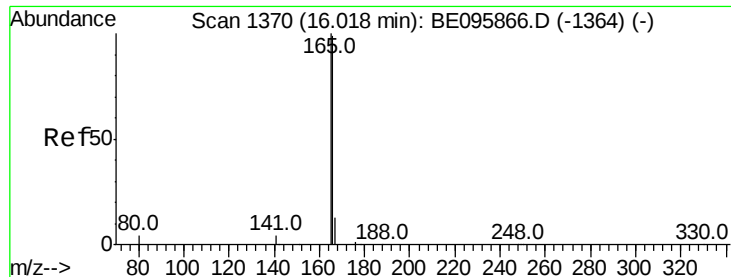
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#17
Acenaphthene
Concen: 0.152 ng/mL
RT: 15.06 min Scan# 1291
Delta R.T. -0.00 min
Lab File: BE095868.D
Acq: 27 Mar 2018 14:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	140.7	89.2	133.8#
152	115.5	42.0	63.0#





#18

Fluorene

Concen: 0.316 ng

RT: 16.03 min Scan# 1371

Delta R.T. -0.00 min

Lab File: BE095868.D

Acq: 27 Mar 2018 14:40

Instrument :

BNA_E

ClientSampleId :

PR-MW-01-031918RE

Tot Ion:166 Resp: 11382

Ion Ratio Lower Upper

166 100

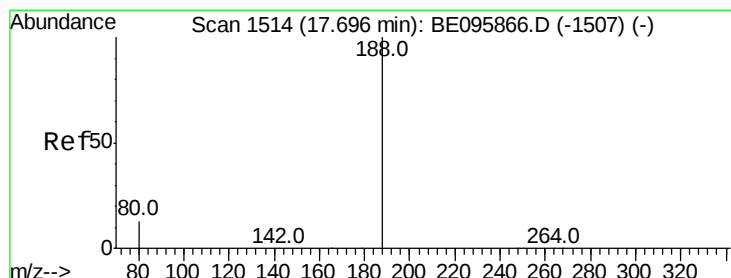
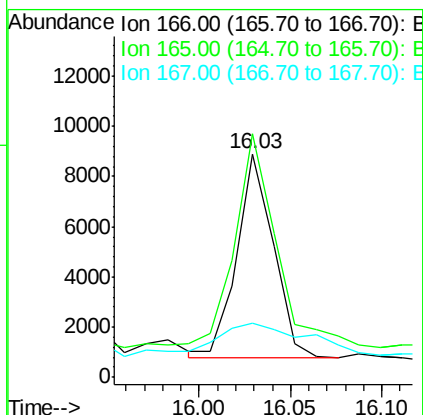
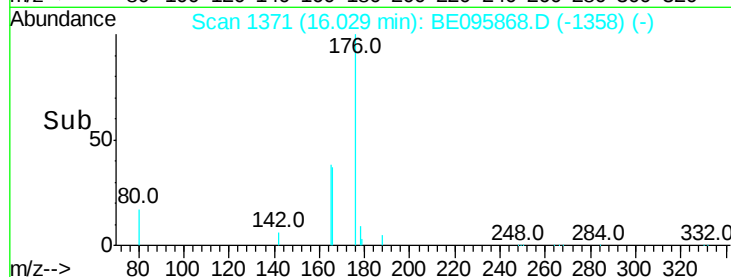
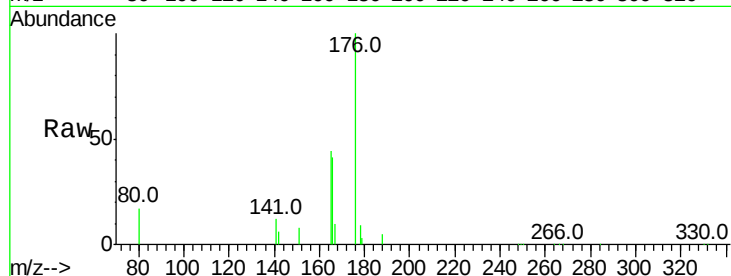
165 122.5 77.8 116.6#

167 38.1 42.4 63.6#

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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: BE095868.D

Acq: 27 Mar 2018 14:40

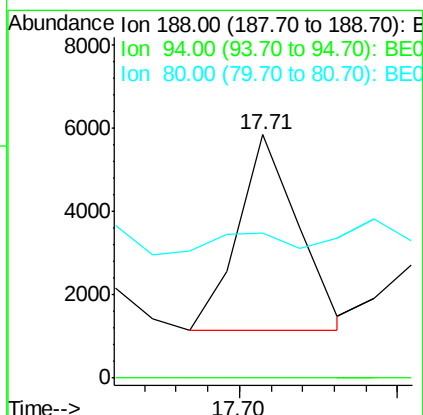
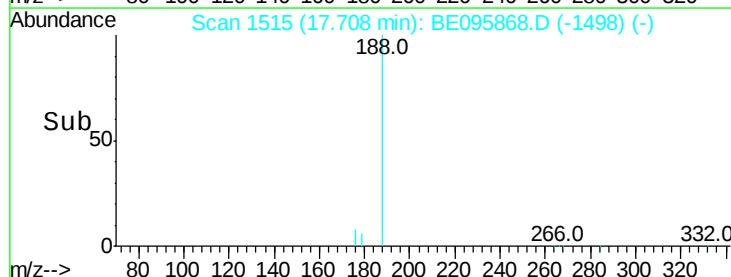
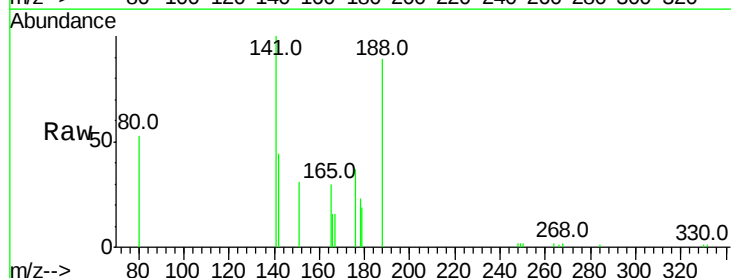
Tgt Ion:188 Resp: 6212

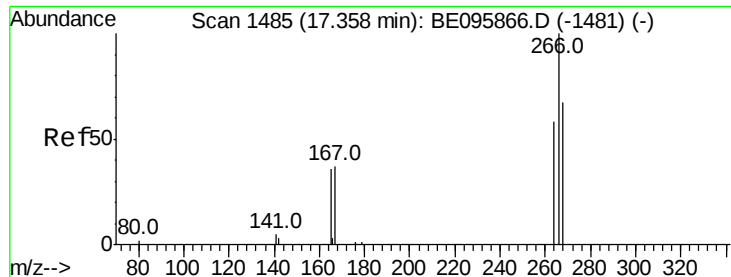
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 59.4 3.6 5.4#





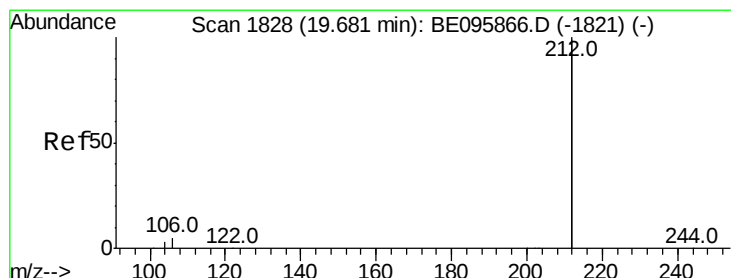
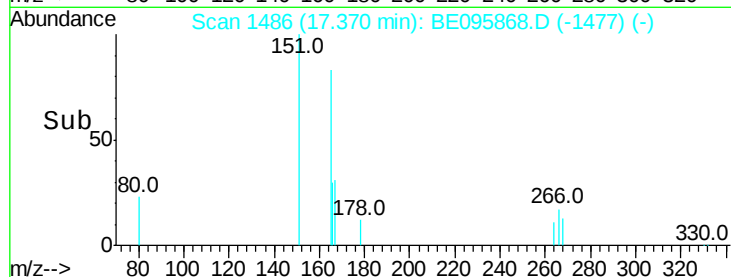
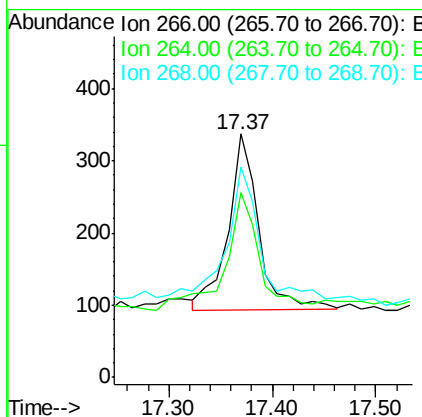
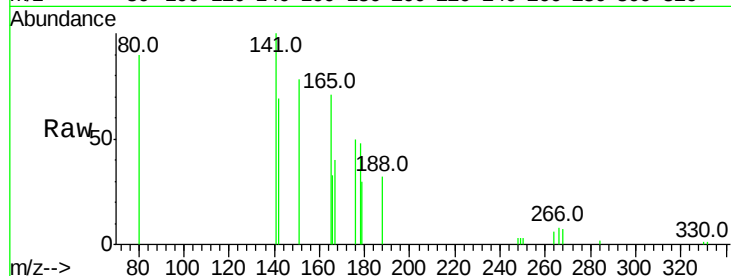
#22
 Pentachlorophenol
 Concen: 0.495 ng m
 RT: 17.37 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: BE095868.D
 Acq: 27 Mar 2018 14:40

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

Tot Ion	Ratio	Lower	Upper
266	100		
264	76.0	72.5	108.7
268	86.6	73.8	110.6

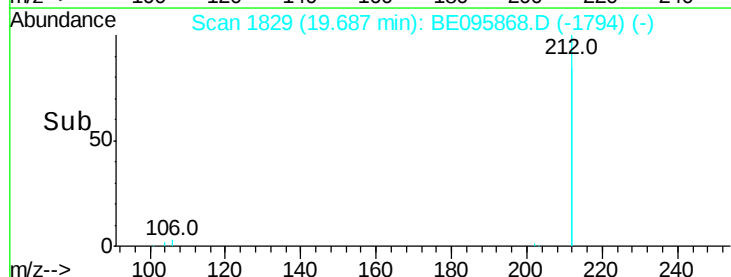
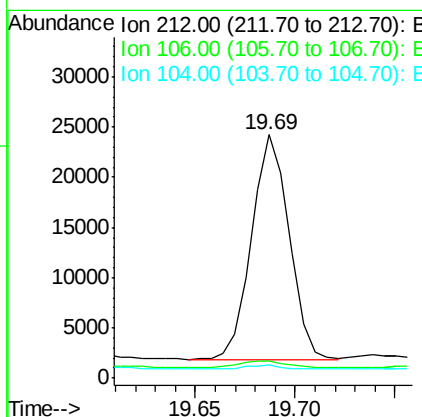
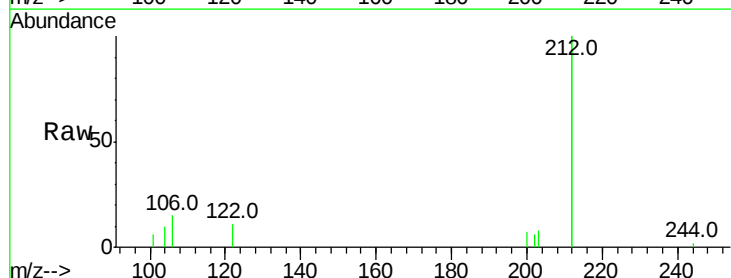
Manual Integrations
 APPROVED

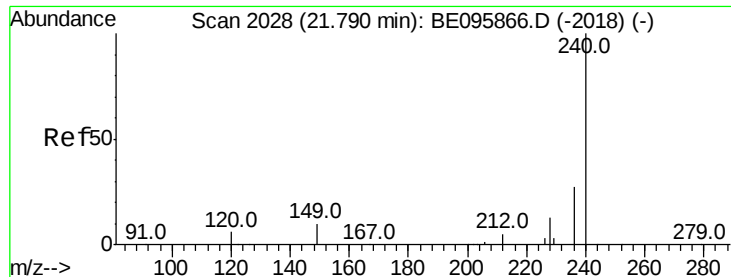
Sohil
 3/28/2018 4:48:55 PM



#25
 Fluoranthene-d10
 Concen: 0.316 ng
 RT: 19.69 min Scan# 1829
 Delta R.T. -0.00 min
 Lab File: BE095868.D
 Acq: 27 Mar 2018 14:40

Tgt Ion	Ratio	Lower	Upper
212	100		
106	3.7	2.8	4.2
104	2.0	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: BE095868.D

Acq: 27 Mar 2018 14:40

Instrument :

BNA_E

ClientSampleId :

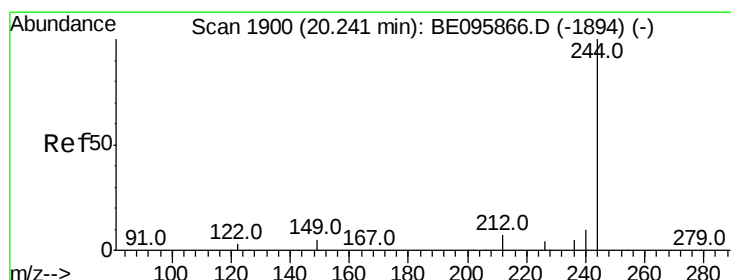
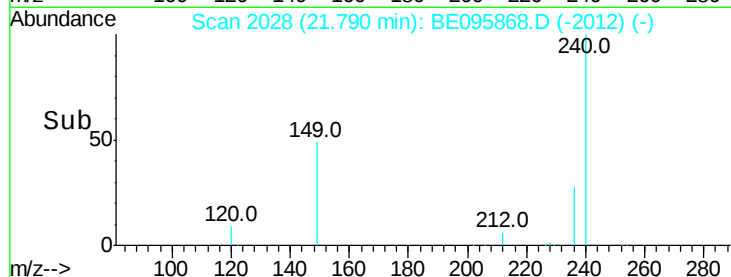
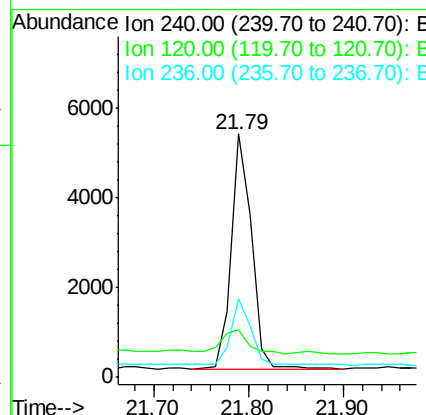
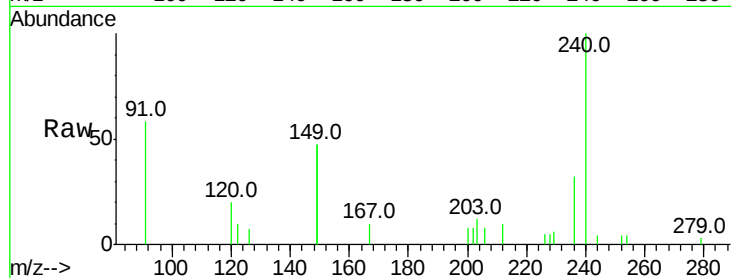
PR-MW-01-031918RE

Tot Ion:240 Resp: 7729

Ion	Ratio	Lower	Upper
240	100		
120	19.5	5.5	8.3#
236	32.2	20.7	31.1#

Manual Integrations
APPROVED

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3/28/2018 4:48:55 PM



#29

Terphenyl-d14

Concen: 0.537 ng

RT: 20.24 min Scan# 1900

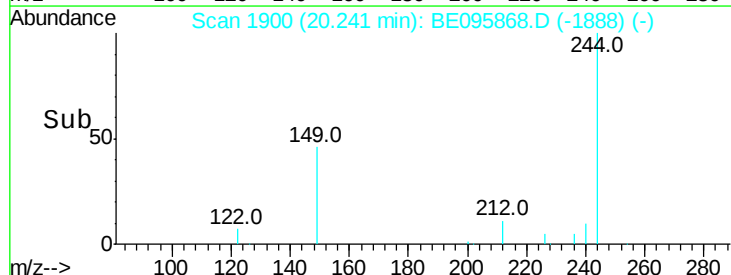
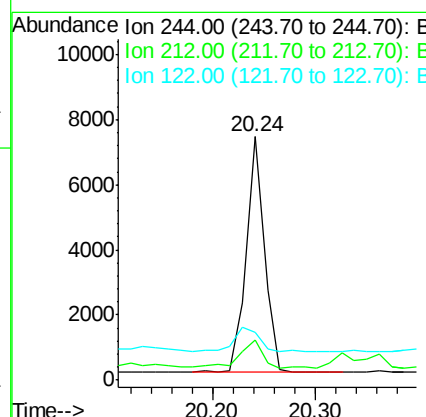
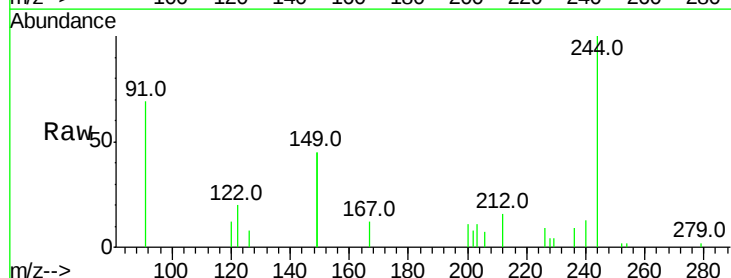
Delta R.T. 0.00 min

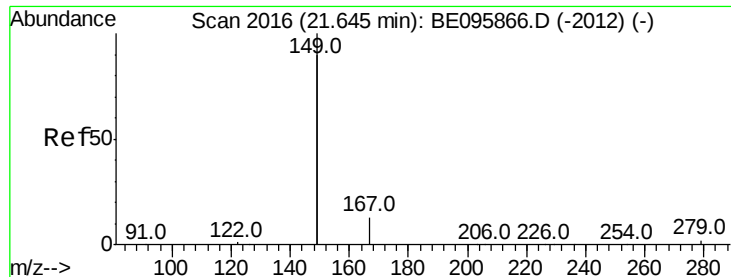
Lab File: BE095868.D

Acq: 27 Mar 2018 14:40

Tgt Ion:244 Resp: 8820

Ion	Ratio	Lower	Upper
244	100		
212	16.3	25.4	38.0#
122	19.9	8.1	12.1#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.058 ng/ml

RT: 21.64 min Scan# 2016

Delta R.T. 0.00 min

Lab File: BE095868.D

Acq: 27 Mar 2018 14:40

Instrument :

BNA_E

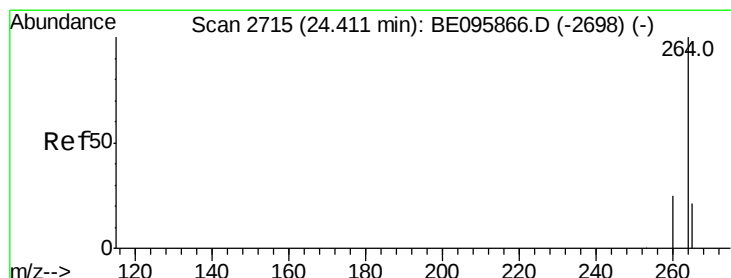
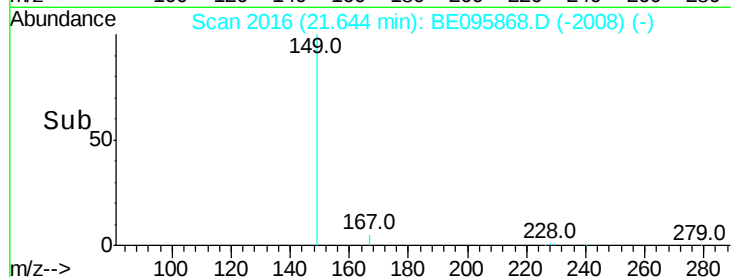
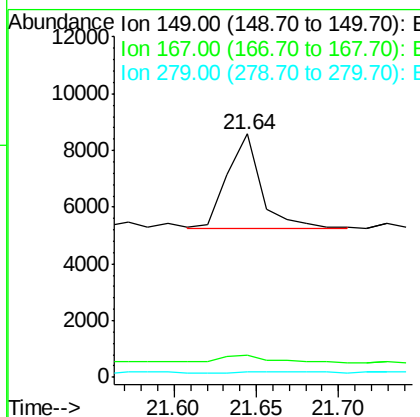
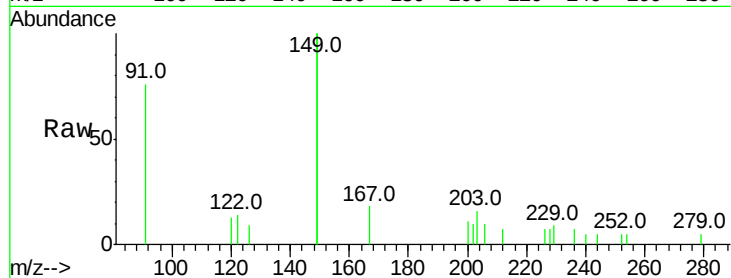
ClientSampleId :

PR-MW-01-031918RE

Tot Ion:	149	Resp:	4752
Ion Ratio	Lower	Upper	
149	100		
167	0.0	5.4	8.0#
279	0.0	0.7	1.1#

Manual Integrations
APPROVED

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3/28/2018 4:48:55 PM



#34

Perylene-d12

Concen: 0.400 ng/ml

RT: 24.42 min Scan# 2717

Delta R.T. -0.01 min

Lab File: BE095868.D

Acq: 27 Mar 2018 14:40

Tgt Ion:	264	Resp:	7465
Ion Ratio	Lower	Upper	
264	100		
260	27.2	20.5	30.7
265	34.0	22.8	34.2

