

Data Path : Z:\HPCHEM1\BNA E\DATA\BE022718\
 Data File : BE095698.D
 Acq On : 27 Feb 2018 11:48
 Operator : SJ/JU
 Sample : J1642-01DL 25X
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 MW-9DL

Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:53:52 PM

Quant Time: Feb 27 12:39:57 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.42	152	1285	0.40	ng	-0.01
7) Naphthalene-d8	11.26	136	5234	0.40	ng	-0.02
13) Acenaphthene-d10	15.00	164	3046	0.40	ng	0.00
19) Phenanthrene-d10	17.70	188	6655	0.40	ng	0.00
27) Chrysene-d12	21.79	240	6536	0.40	ng	0.00
34) Perylene-d12	24.42	264	6070	0.40	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
4) 2-Fluorophenol	5.91	112	24	0.01	ng	-0.01
5) Phenol-d6	7.55	99	14	0.00	ng	0.00
8) Nitrobenzene-d5	9.60	82	39	0.01	ng	-0.02
11) 2-Methylnaphthalene-d10	12.80	152	61	0.01	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	7	0.12	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	111	0.01	ng	0.00
25) Fluoranthene-d10	19.68	212	594	0.01	ng	0.00
29) Terphenyl-d14	20.25	244	114	0.01	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Naphthalene	11.31	128	10395	0.172	ng	99
12) 2-Methylnaphthalene	12.87	142	943	0.091	ng	95
17) Acenaphthene	15.06	154	18191	1.693	ng	93
18) Fluorene	16.02	166	12258	0.920	ng	# 80
22) Pentachlorophenol	17.37	266	51	0.211	ng	97
23) Phenanthrene	17.74	178	3608	0.173	ng	97
24) Anthracene	17.83	178	2420	0.127	ng	# 93
26) Fluoranthene	19.71	202	3153	0.123	ng	99
28) Pyrene	20.06	202	2168	0.081	ng	94

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

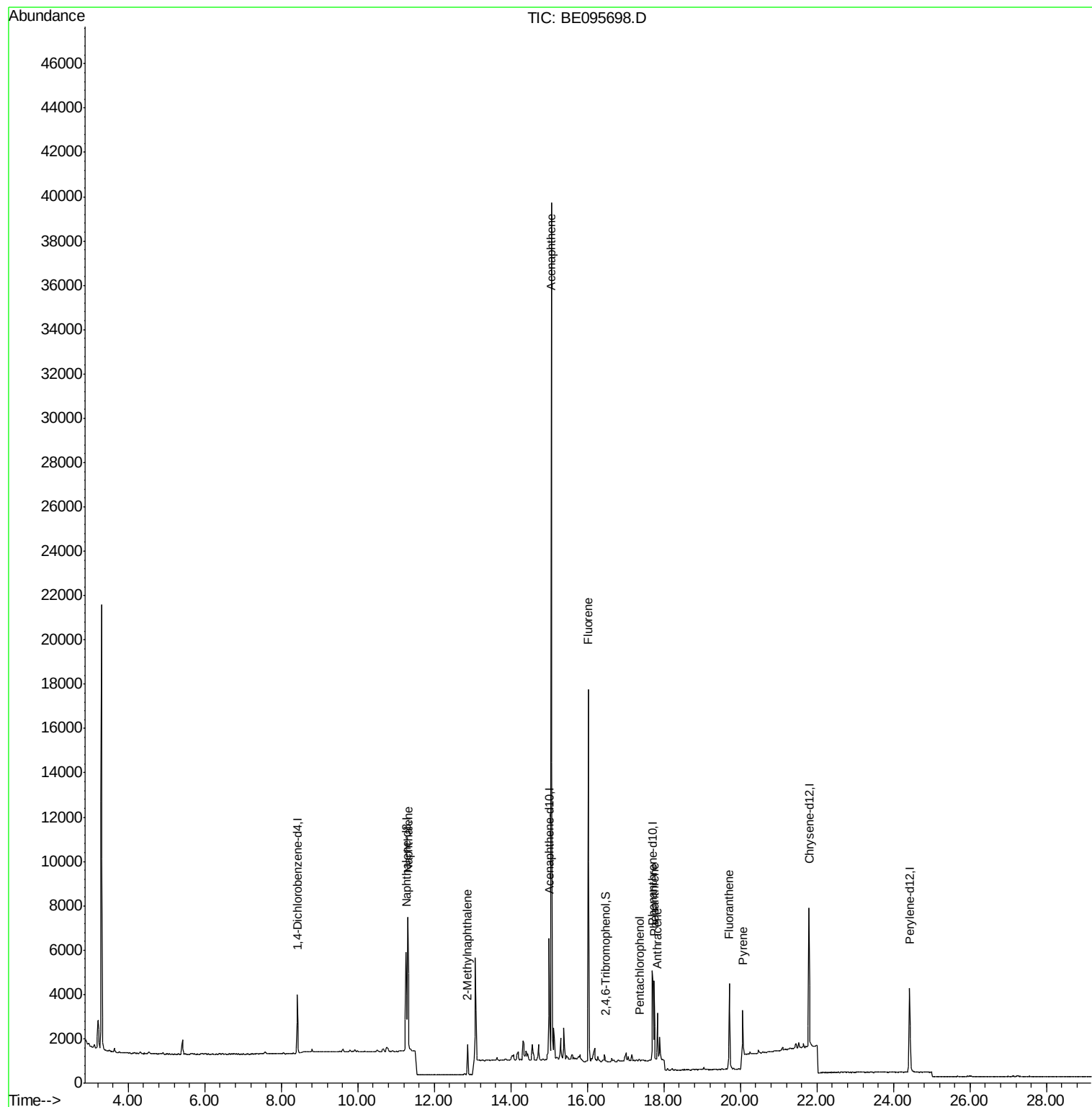
Data Path : Z:\HPCHEM1\BNA E\DATA\BE022718\
Data File : BE095698.D
Acq On : 27 Feb 2018 11:48
Operator : SJ/JU
Sample : J1642-01DL 25X
Misc :
ALS Vial : 3 Sample Multiplier: 1

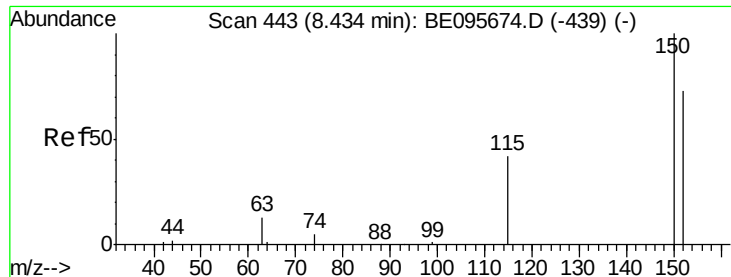
Instrument :
BNA_E
ClientSampleId :
MW-9DL

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Quant Time: Feb 27 12:39:57 2018
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

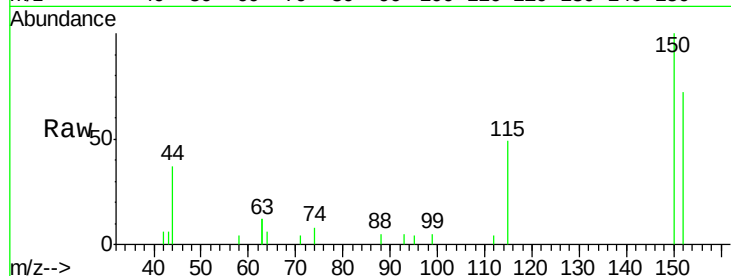
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 442
Delta R.T. -0.01 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :
MW-9DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.2	117.2	175.8
115	68.8	57.0	85.6

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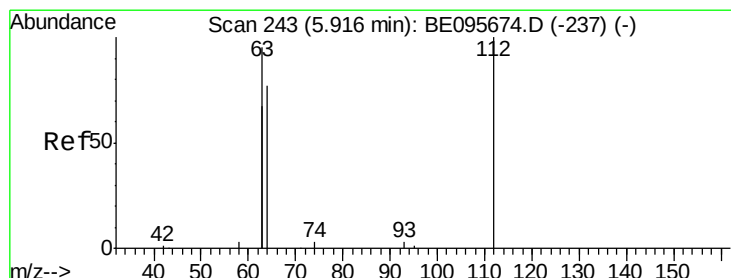
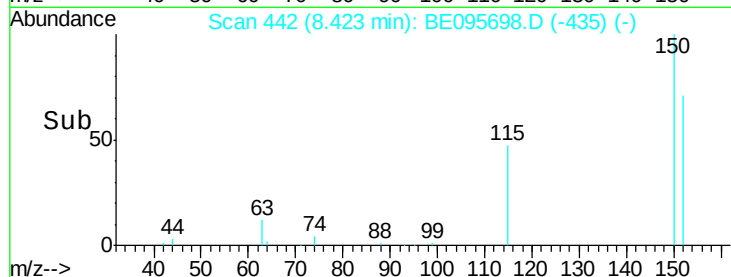
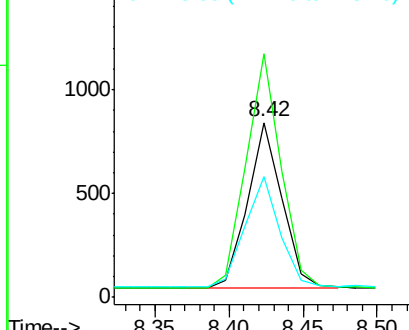


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

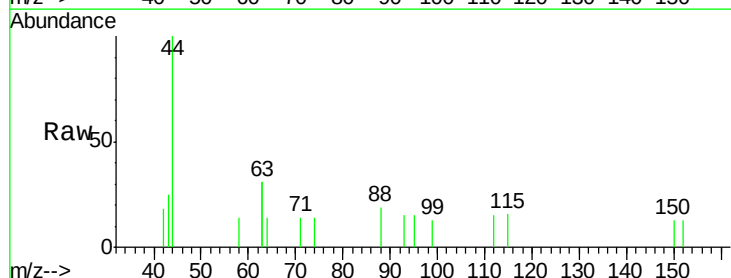
Ion 115.00 (114.70 to 115.70): E



#4

2-Fluorophenol
Concen: 0.007 ng
RT: 5.91 min Scan# 242
Delta R.T. -0.01 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.8	60.1	90.1#
63	208.3	116.8	175.2#

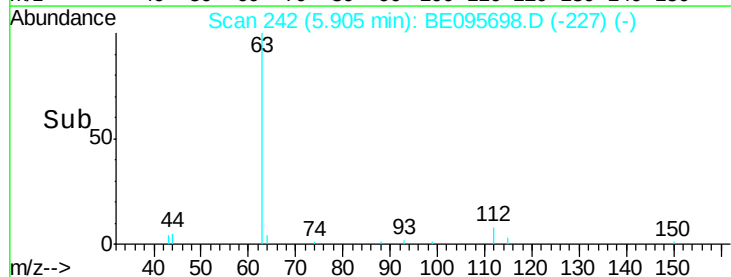
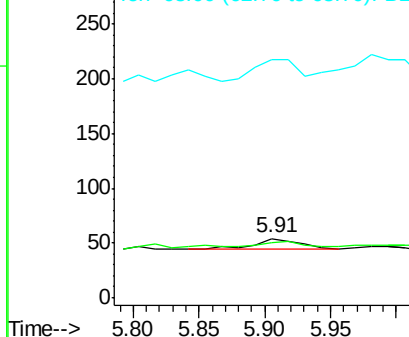


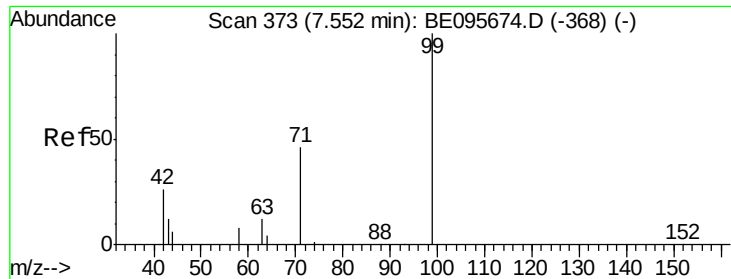
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BE0

Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.003 ng

RT: 7.55 min Scan# 373

Delta R.T. 0.00 min

Lab File: BE095698.D

Acq: 27 Feb 2018 11:48

Instrument :

BNA_E

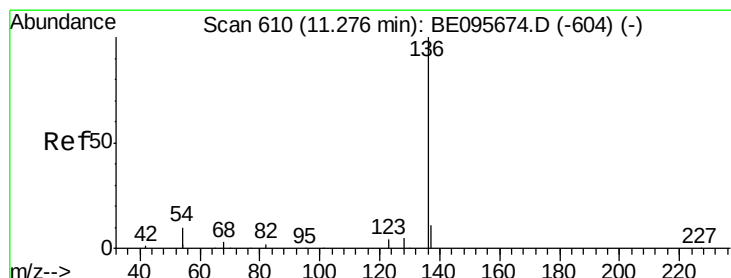
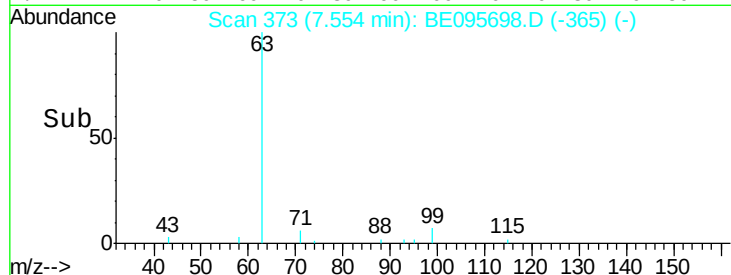
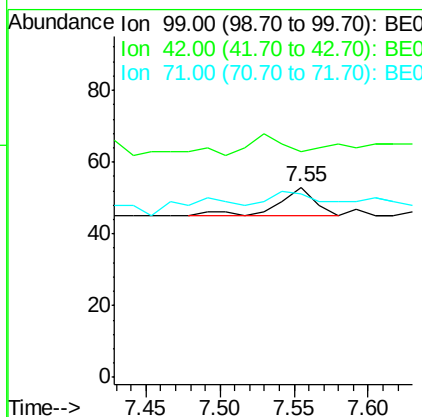
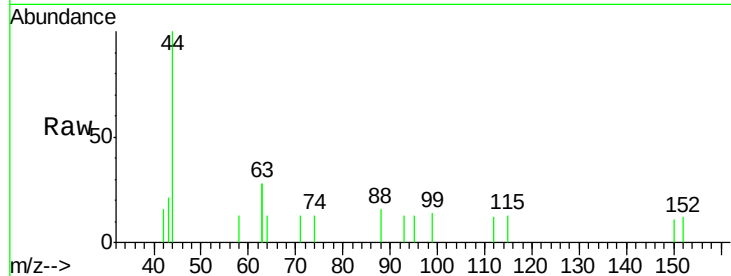
ClientSampleId :

MW-9DL

Tot Ion:	99	Resp:	14
Ion	Ratio	Lower	Upper
99	100		
42	0.0	20.2	30.2#
71	57.1	28.4	42.6#

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#7

Naphthalene-d8

Concen: 0.400 ng

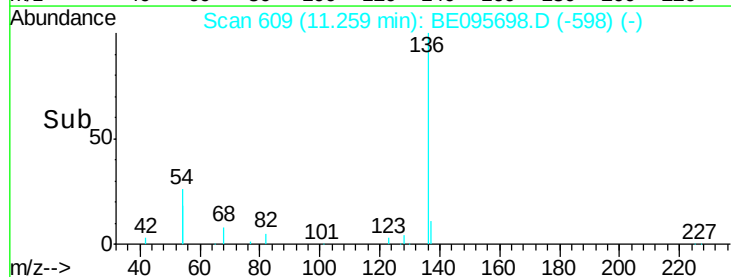
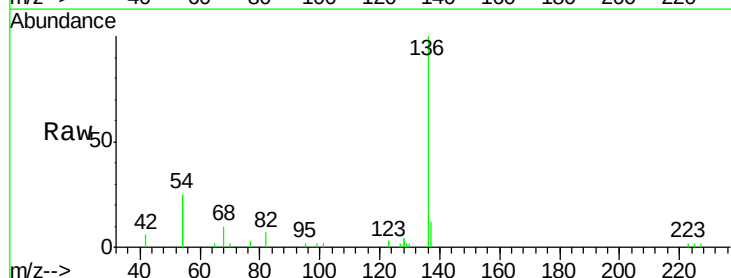
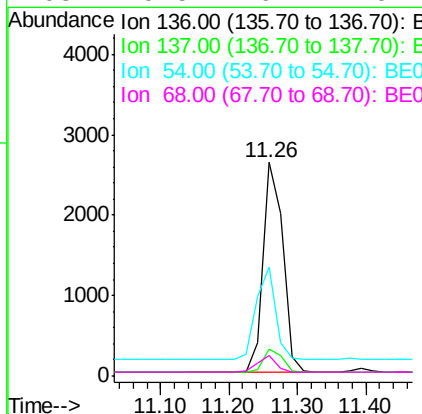
RT: 11.26 min Scan# 609

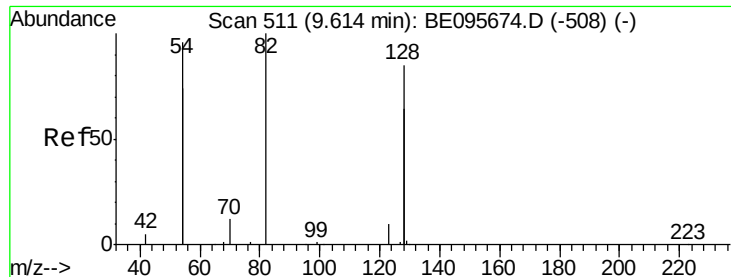
Delta R.T. -0.02 min

Lab File: BE095698.D

Acq: 27 Feb 2018 11:48

Tgt Ion:	136	Resp:	5234
Ion	Ratio	Lower	Upper
136	100		
137	12.3	9.5	14.3
54	51.0	29.1	43.7#
68	9.5	6.2	9.2#





#8

Nitrobenzene-d5

Concen: 0.007 ng

RT: 9.60 min Scan# 510

Delta R.T. -0.02 min

Lab File: BE095698.D

Acq: 27 Feb 2018 11:48

Instrument :

BNA_E

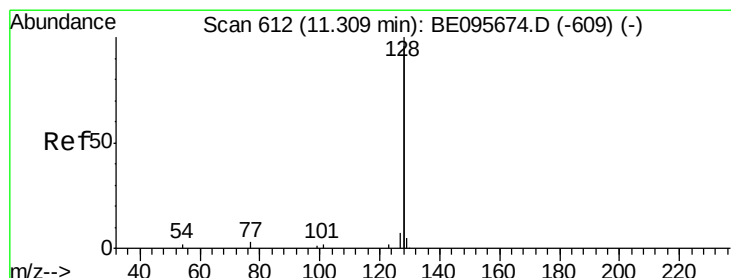
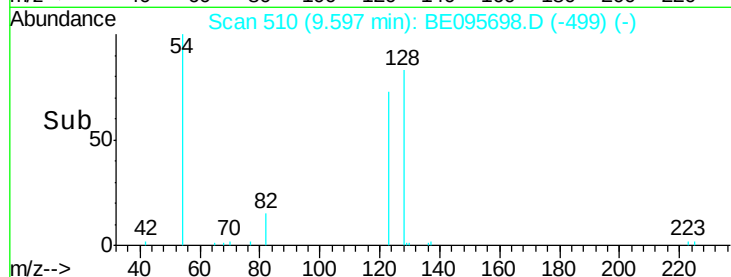
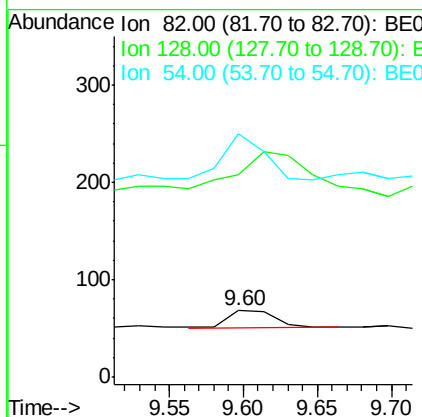
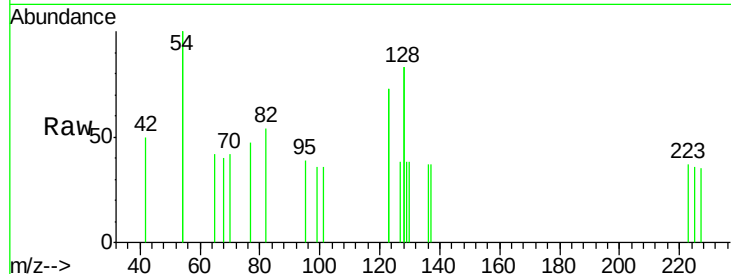
ClientSampleId :

MW-9DL

Tot Ion:	82	Resp:	39
Ion	Ratio	Lower	Upper
82	100		
128	305.9	150.0	225.0#
54	367.6	154.2	231.4#

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#9

Naphthalene

Concen: 0.172 ng

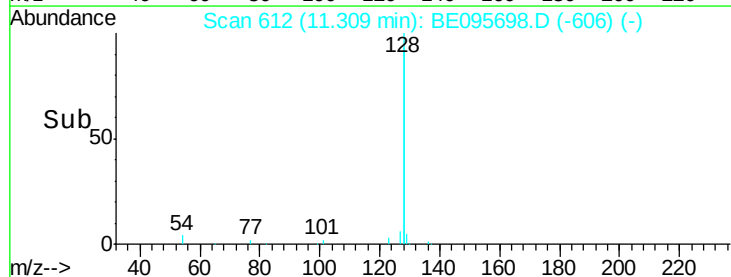
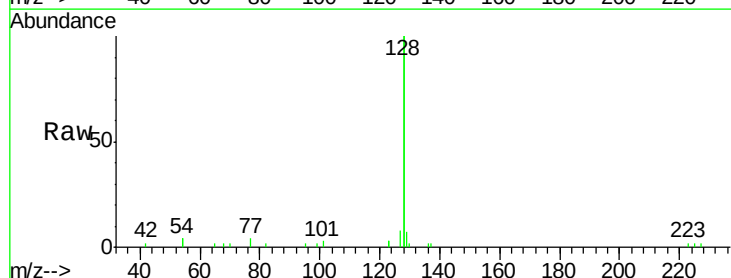
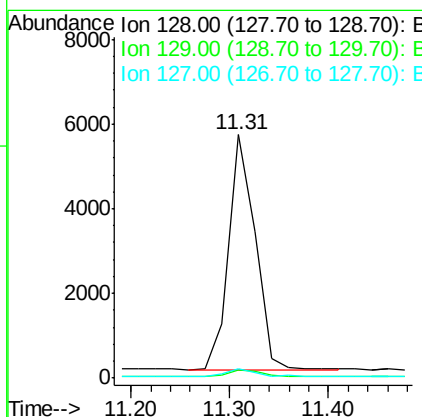
RT: 11.31 min Scan# 612

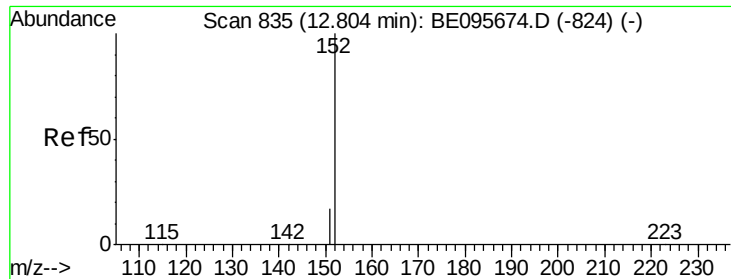
Delta R.T. -0.00 min

Lab File: BE095698.D

Acq: 27 Feb 2018 11:48

Tgt Ion:	128	Resp:	10395
Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	3.8
127	4.0	2.8	4.2





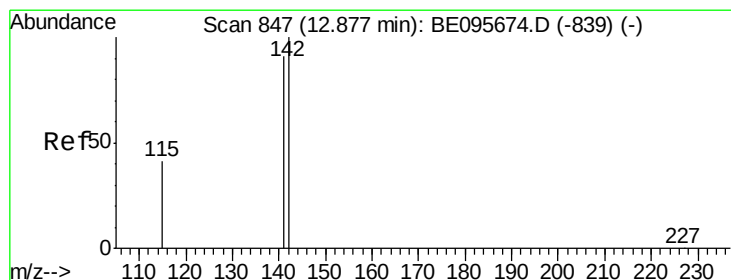
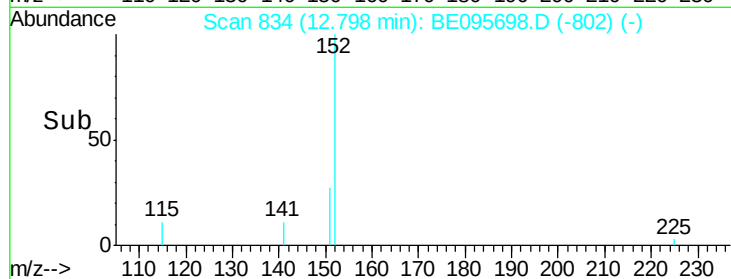
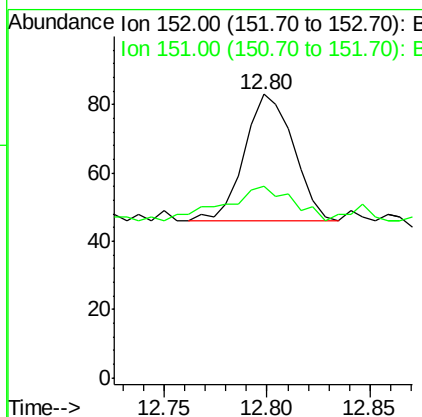
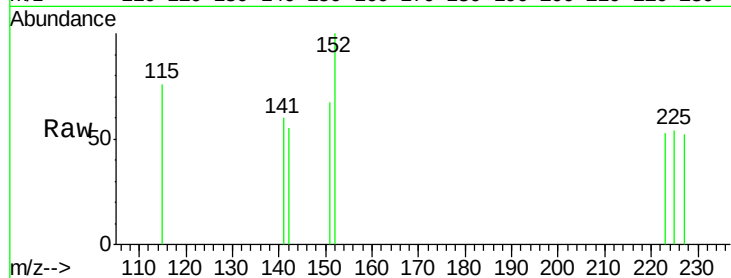
#11
2-Methylnaphthalene-d10
Concen: 0.007 ng
RT: 12.80 min Scan# 834
Delta R.T. -0.01 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampled :
MW-9DL

Tot Ion:152 Resp: 61
Ion Ratio Lower Upper
152 100
151 47.5 15.4 23.0#

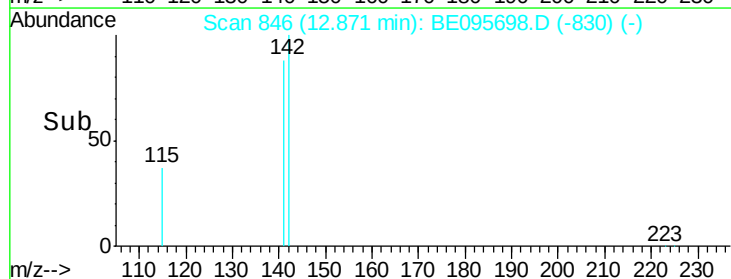
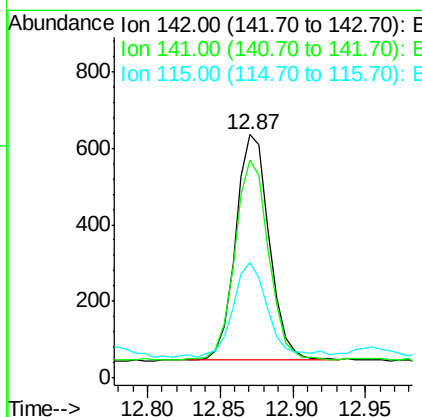
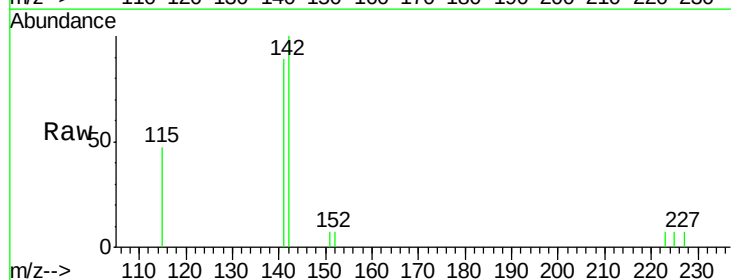
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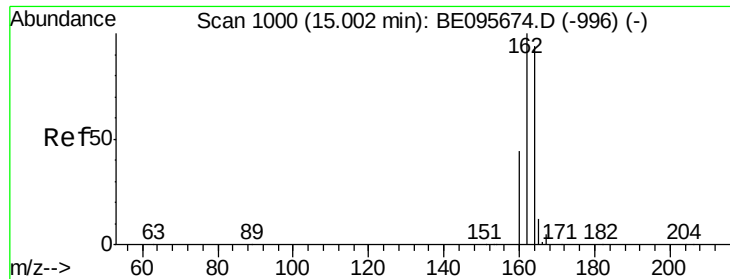
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#12
2-Methylnaphthalene
Concen: 0.091 ng
RT: 12.87 min Scan# 846
Delta R.T. -0.01 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion:142 Resp: 943
Ion Ratio Lower Upper
142 100
141 89.3 70.4 105.6
115 47.2 31.7 47.5





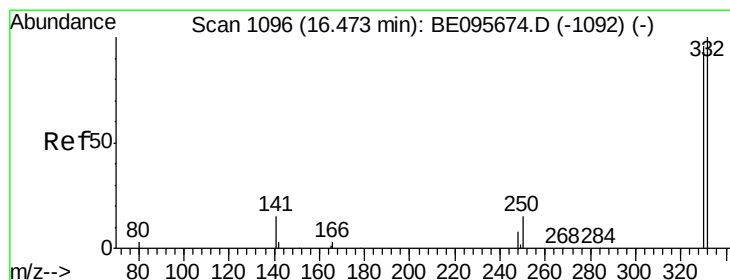
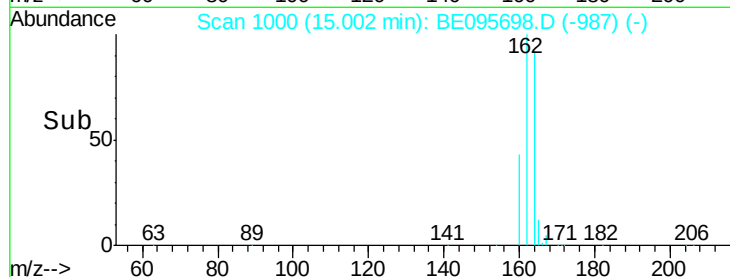
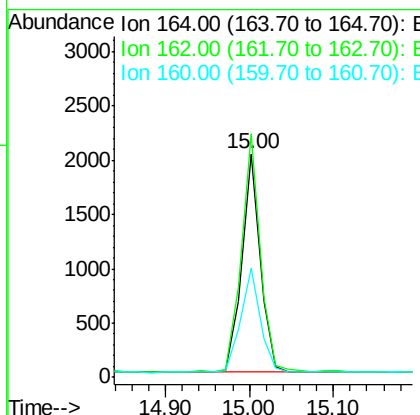
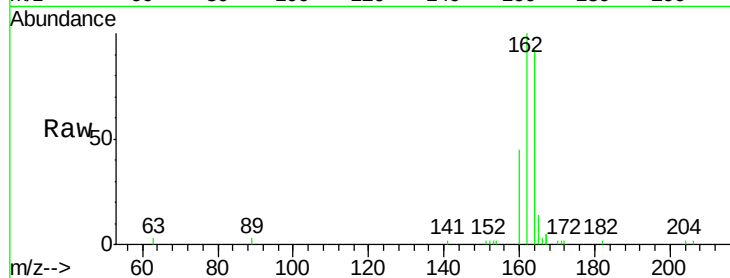
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 15.00 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :
MW-9DL

Tot Ion	Ratio	Lower	Upper
164	100		
162	108.9	83.1	124.7
160	48.6	37.1	55.7

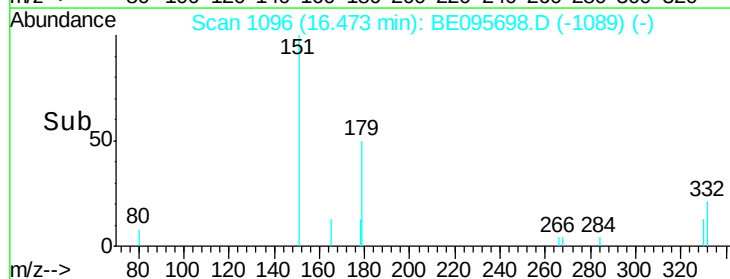
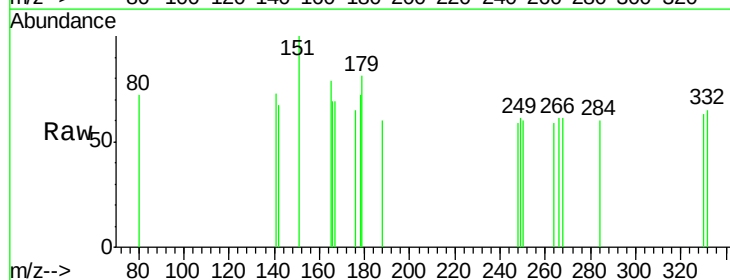
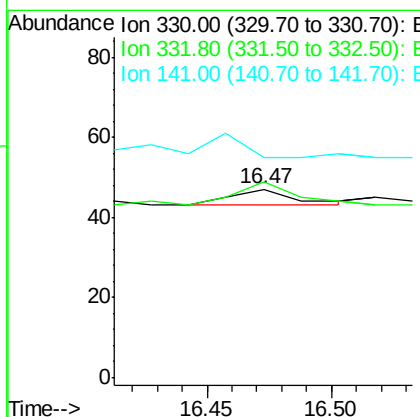
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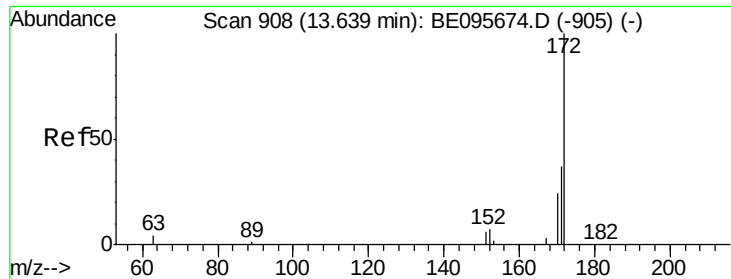
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#14
2,4,6-Tribromophenol
Concen: 0.120 ng
RT: 16.47 min Scan# 1096
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion	Ratio	Lower	Upper
330	100		
332	157.1	152.7	229.1
141	0.0	33.7	50.5#





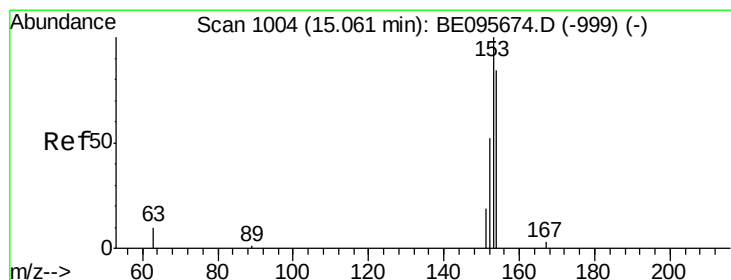
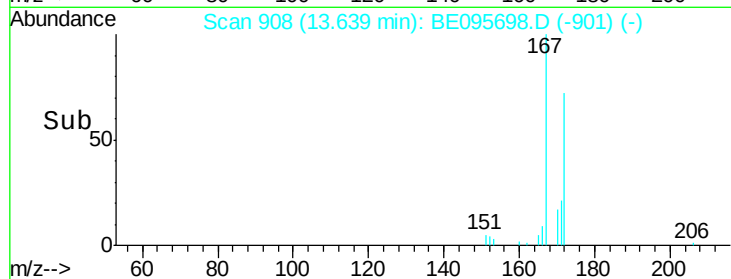
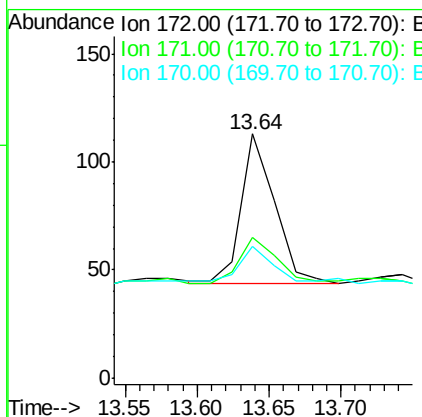
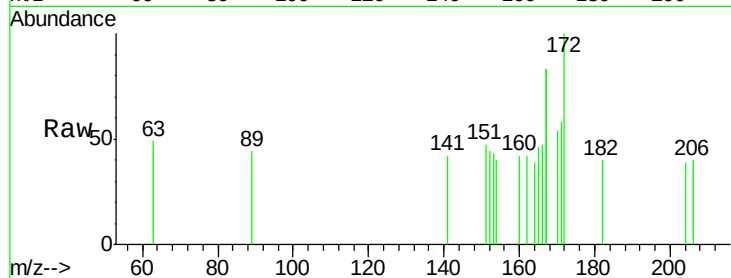
#15
2-Fluorobiphenyl
Concen: 0.008 ng
RT: 13.64 min Scan# 908
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampled :
MW-9DL

Tot Ion	Ratio	Lower	Upper
172	100		
171	57.5	29.9	44.9#
170	54.0	21.8	32.8#

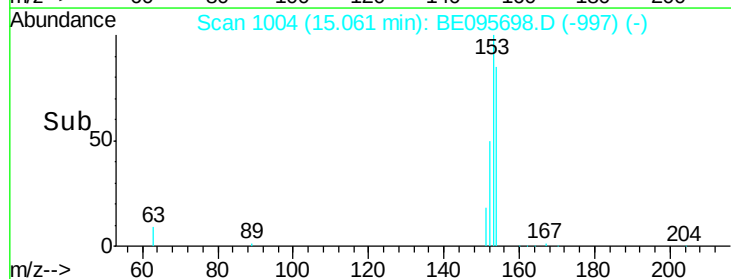
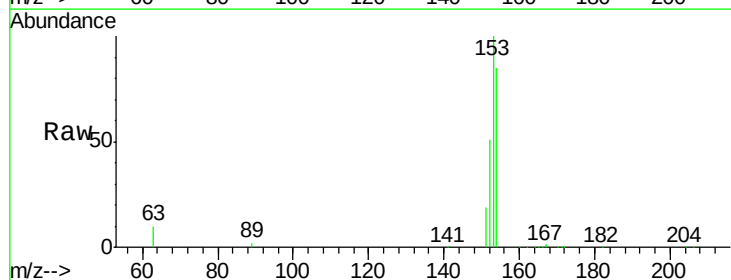
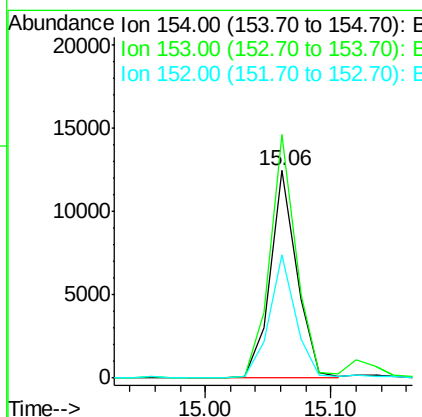
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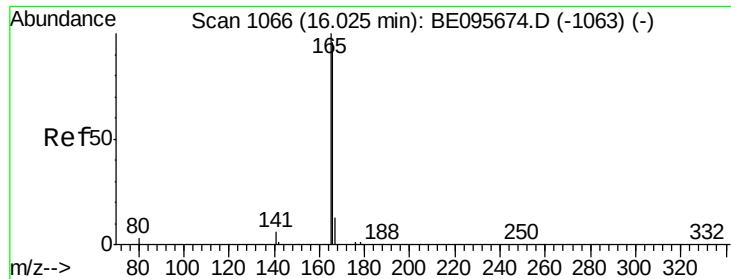
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#17
Acenaphthene
Concen: 1.693 ng
RT: 15.06 min Scan# 1004
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.4	89.2	133.8
152	58.9	42.0	63.0





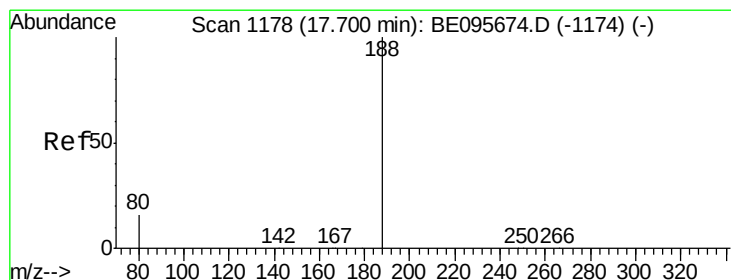
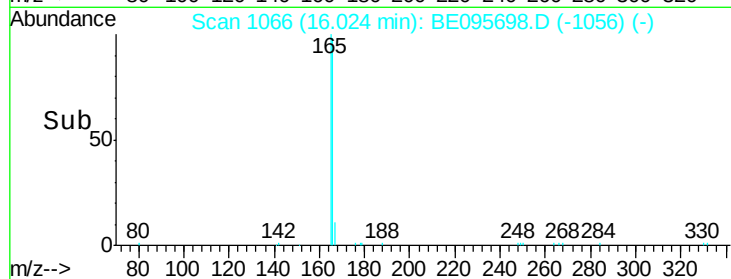
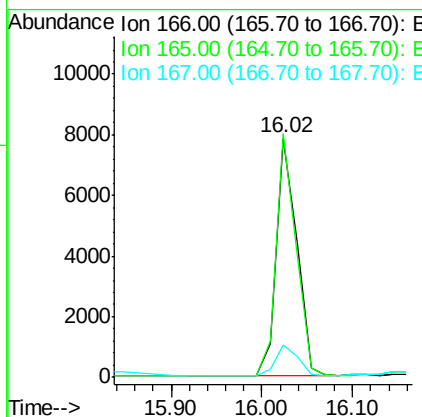
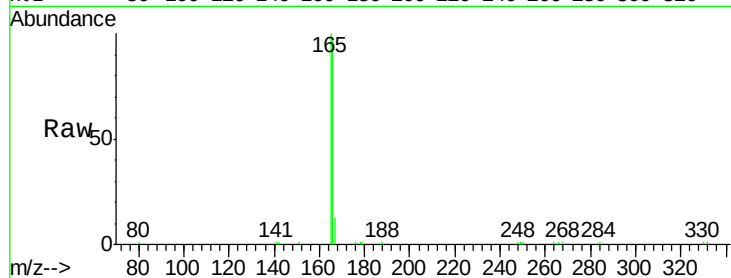
#18
 Fluorene
 Concen: 0.920 ng
 RT: 16.02 min Scan# 1066
 Delta R.T. -0.00 min
 Lab File: BE095698.D
 Acq: 27 Feb 2018 11:48

Instrument :
 BNA_E
 ClientSampled :
 MW-9DL

Tot Ion	Ratio	Lower	Upper
166	100		
165	98.4	77.8	116.6
167	14.1	42.4	63.6#

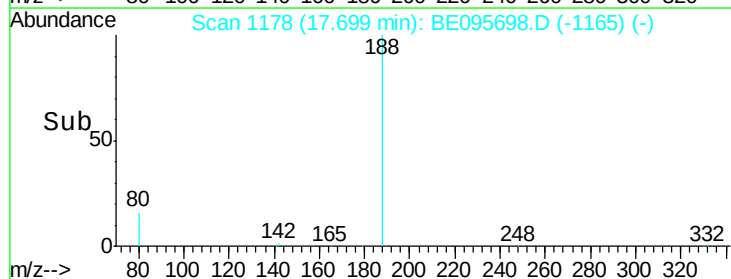
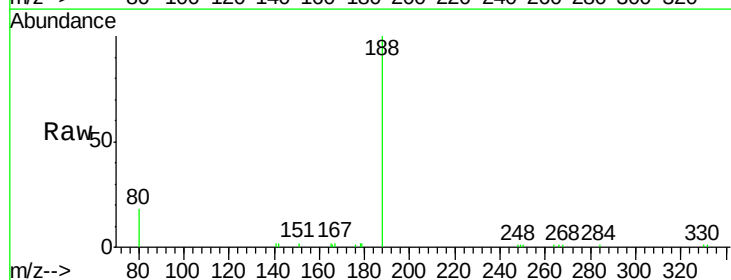
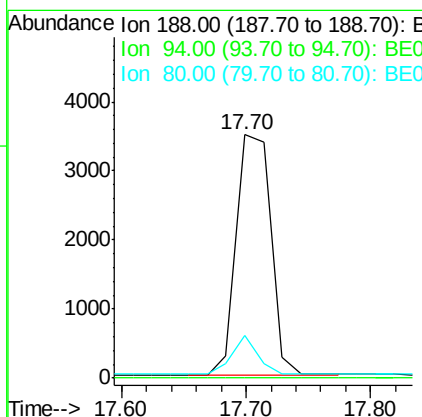
Manual Integrations
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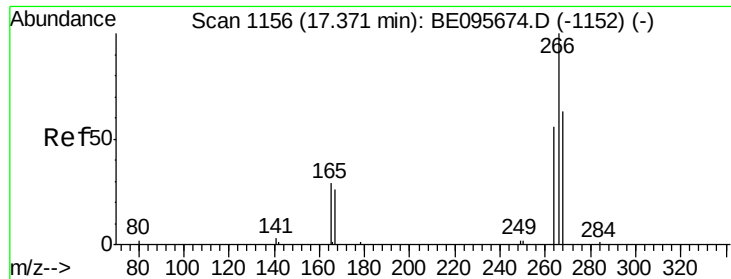
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#19
 Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.70 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BE095698.D
 Acq: 27 Feb 2018 11:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	17.7	3.6	5.4#





#22

Pentachlorophenol

Concen: 0.211 ng

RT: 17.37 min Scan# 1156

Delta R.T. -0.00 min

Lab File: BE095698.D

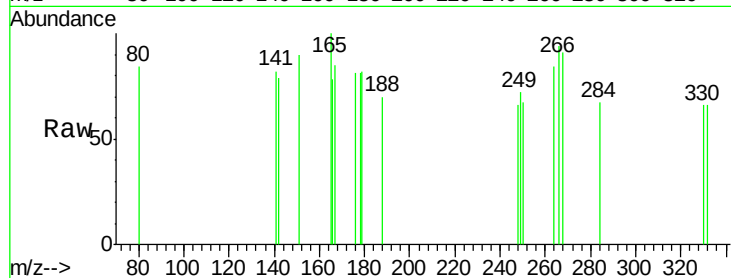
Acq: 27 Feb 2018 11:48

Instrument :

BNA_E

ClientSampleId :

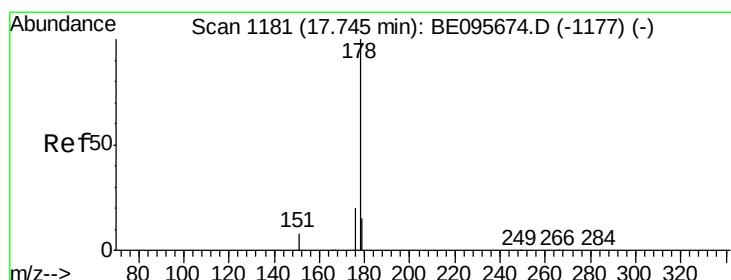
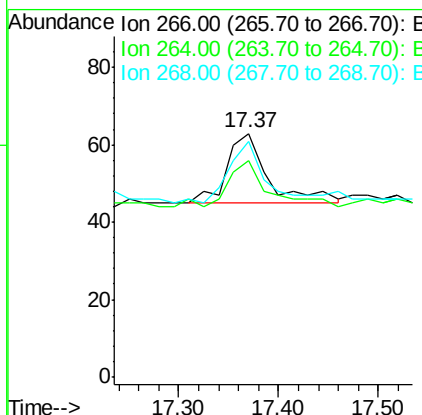
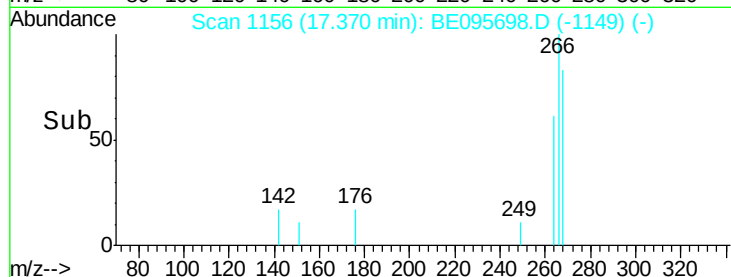
MW-9DL



Tot Ion:	266	Resp:	51
Ion	Ratio	Lower	Upper
266	100		
264	88.9	72.5	108.7
268	96.8	73.8	110.6

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#23

Phenanthrene

Concen: 0.173 ng

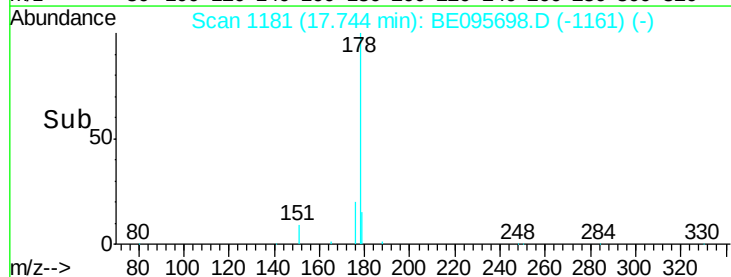
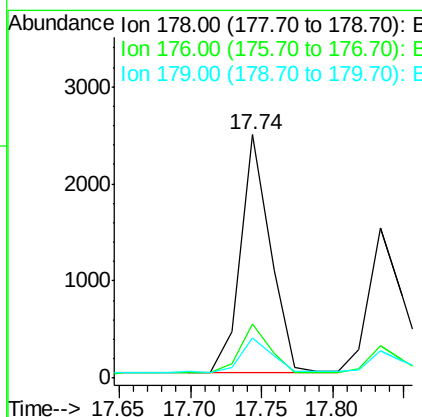
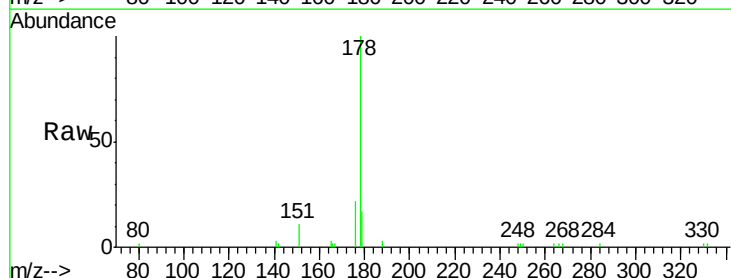
RT: 17.74 min Scan# 1181

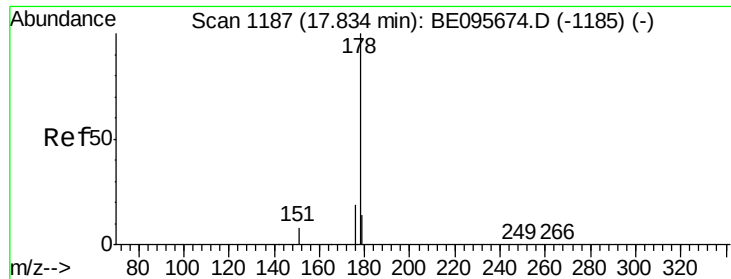
Delta R.T. -0.00 min

Lab File: BE095698.D

Acq: 27 Feb 2018 11:48

Tgt Ion:	178	Resp:	3608
Ion	Ratio	Lower	Upper
178	100		
176	20.1	15.1	22.7
179	16.4	11.8	17.6





#24

Anthracene

Concen: 0.127 ng

RT: 17.83 min Scan# 1187

Delta R.T. -0.00 min

Lab File: BE095698.D

Acq: 27 Feb 2018 11:48

Instrument :

BNA_E

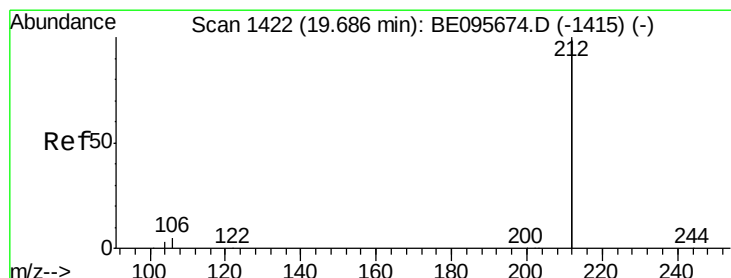
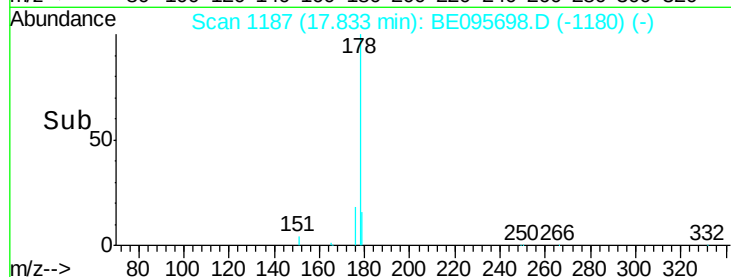
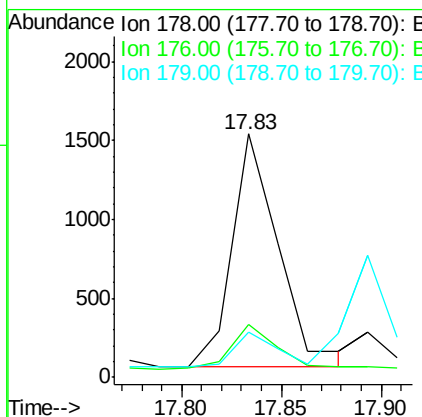
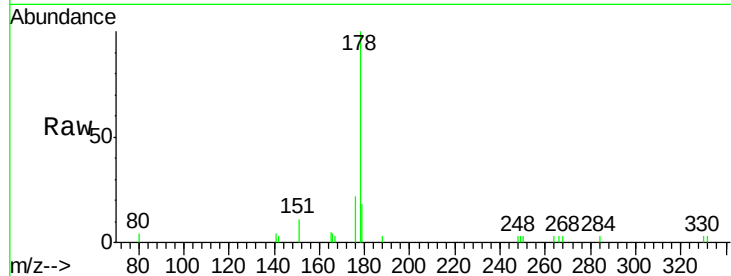
ClientSampled :

MW-9DL

Tot Ion:	178	Resp:	2420
Ion Ratio	Lower	Upper	
178	100		
176	19.2	12.8	19.2#
179	13.9	13.0	19.6

Manual Integrations
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#25

Fluoranthene-d10

Concen: 0.007 ng

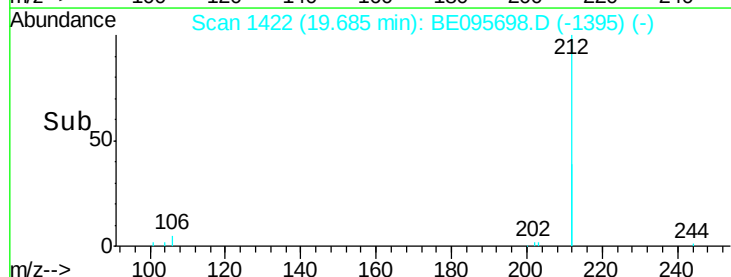
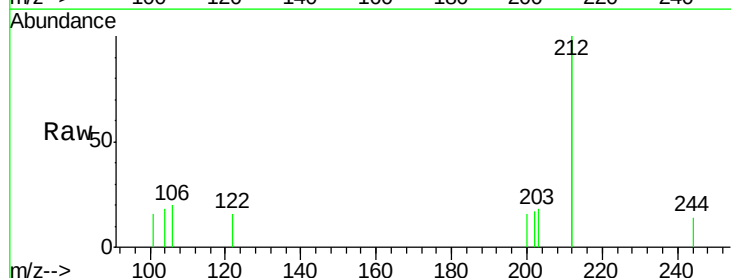
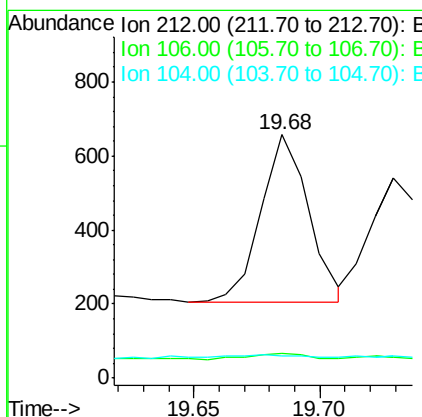
RT: 19.68 min Scan# 1422

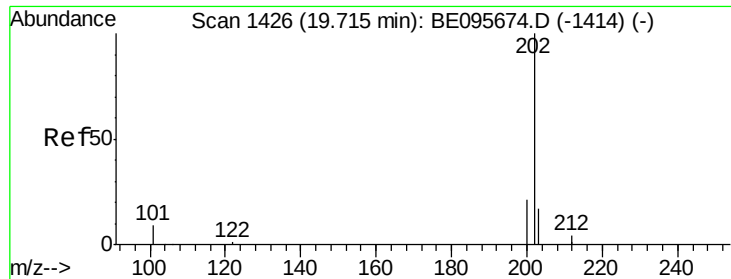
Delta R.T. -0.00 min

Lab File: BE095698.D

Acq: 27 Feb 2018 11:48

Tgt Ion:	212	Resp:	594
Ion Ratio	Lower	Upper	
212	100		
106	4.0	2.8	4.2
104	3.0	1.6	2.4#





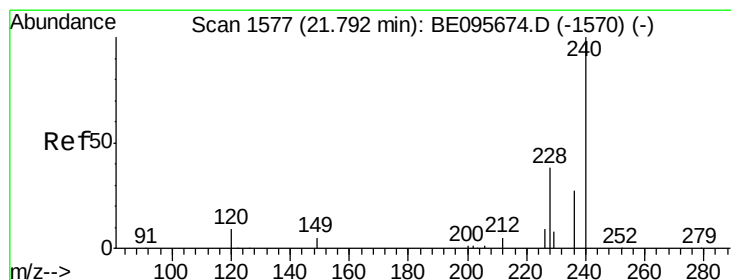
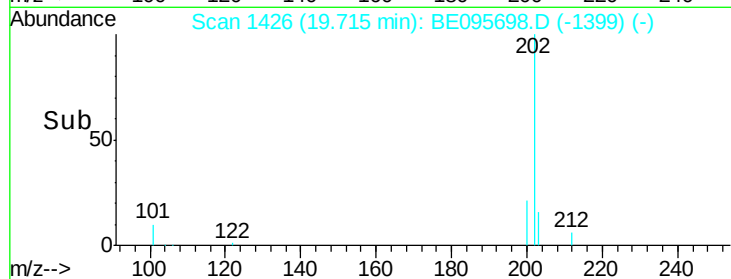
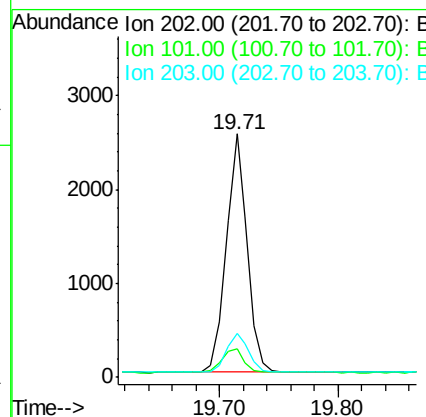
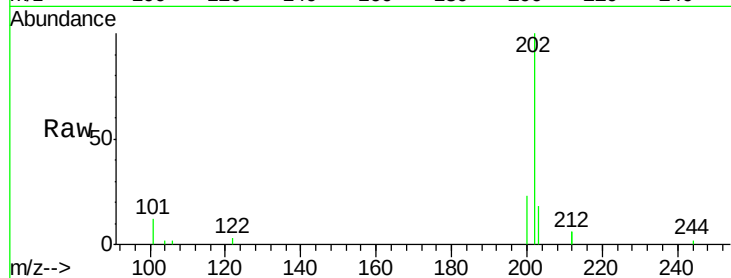
#26
 Fluoranthene
 Concen: 0.123 ng
 RT: 19.71 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BE095698.D
 Acq: 27 Feb 2018 11:48

Instrument :
 BNA_E
 ClientSampleId :
 MW-9DL

Tot Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.8	14.8
203	17.4	13.7	20.5

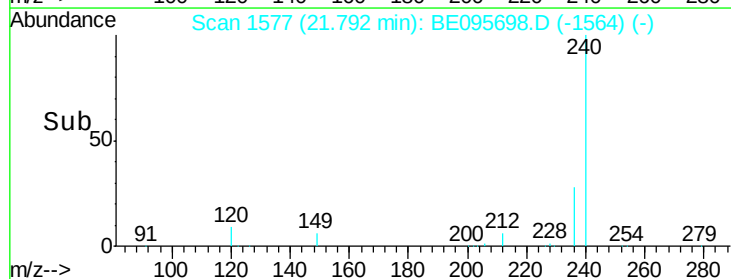
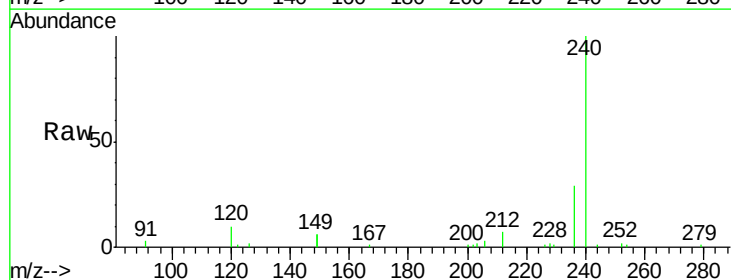
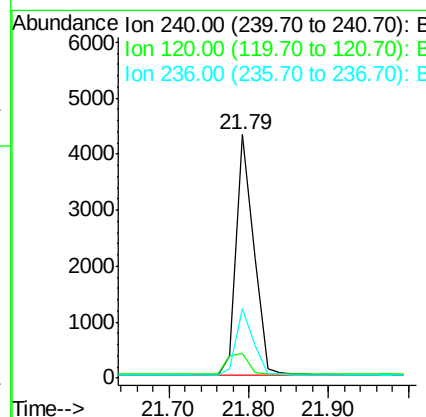
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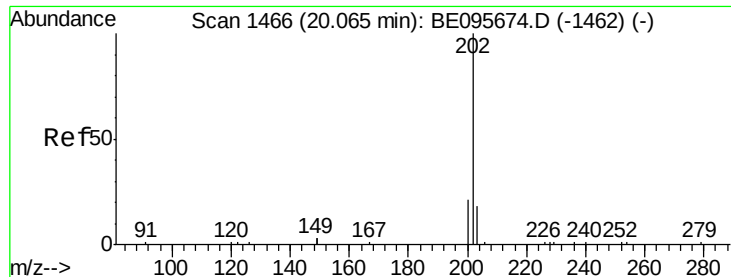
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.79 min Scan# 1577
 Delta R.T. -0.00 min
 Lab File: BE095698.D
 Acq: 27 Feb 2018 11:48

Tgt Ion	Ratio	Lower	Upper
240	100		
120	10.4	5.5	8.3#
236	28.7	20.7	31.1





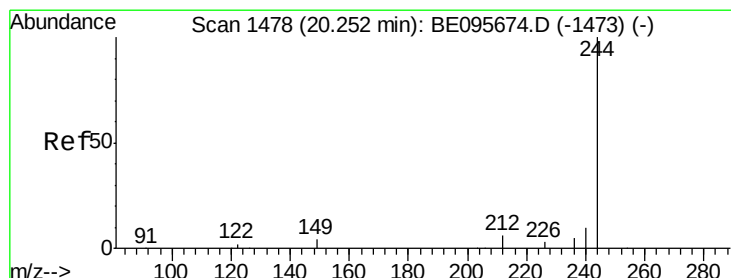
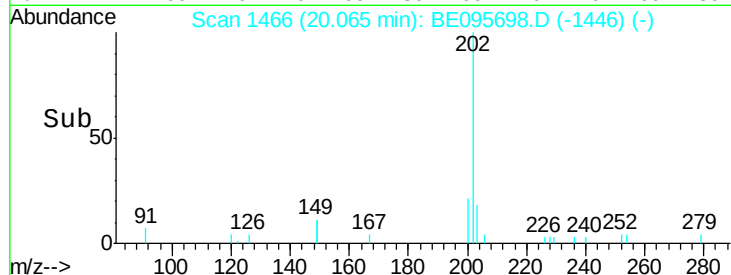
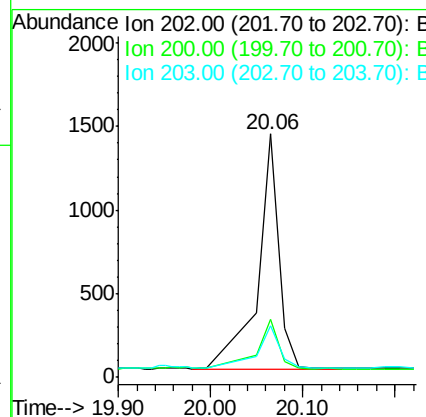
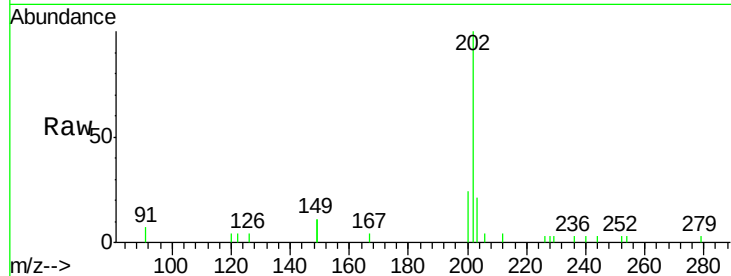
#28
Pvrene
Concen: 0.081 ng
RT: 20.06 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Instrument :
BNA_E
ClientSampleId :
MW-9DL

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.1	16.6	25.0
203	20.1	13.8	20.8

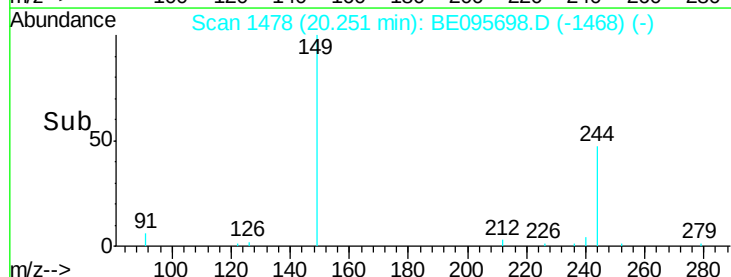
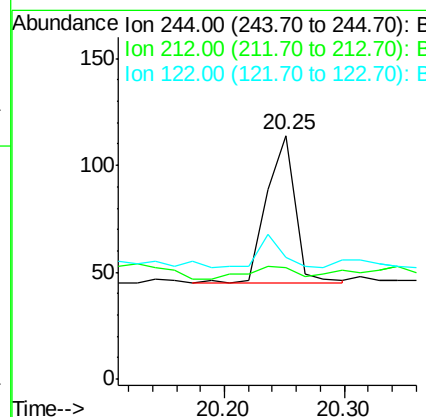
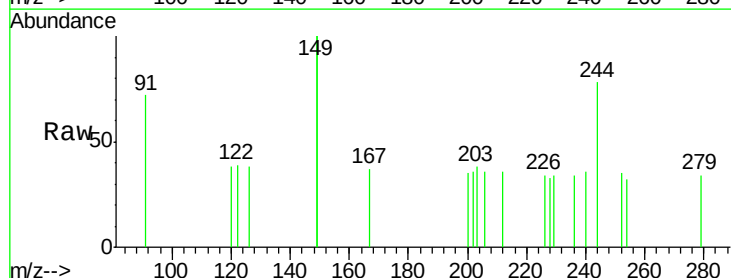
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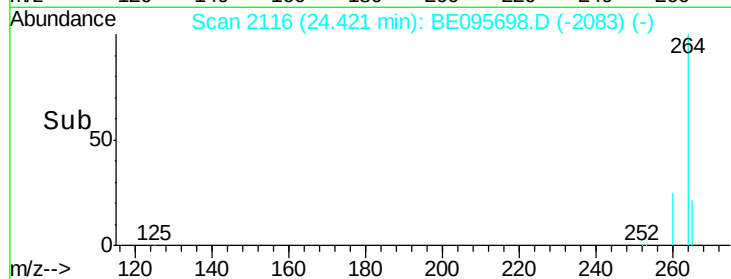
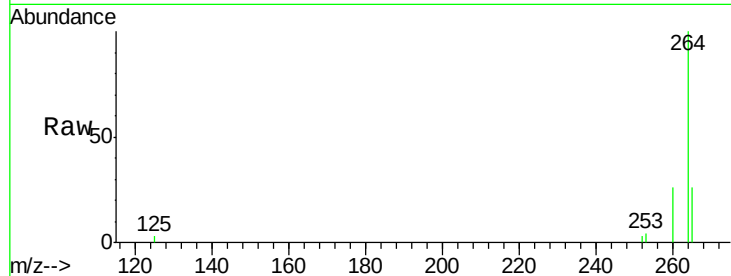
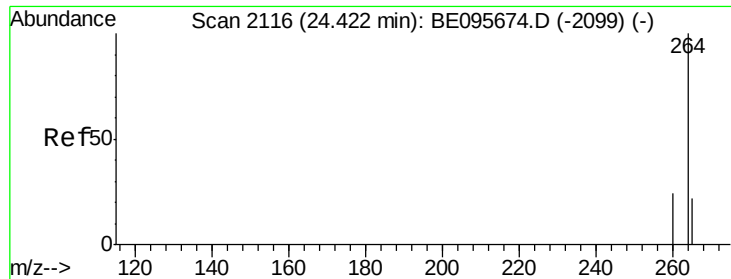
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#29
Terphenyl-d14
Concen: 0.009 ng
RT: 20.25 min Scan# 1478
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tgt Ion	Ratio	Lower	Upper
244	100		
212	45.6	25.4	38.0#
122	50.0	8.1	12.1#





#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2116
Delta R.T. -0.00 min
Lab File: BE095698.D
Acq: 27 Feb 2018 11:48

Tot Ion:	264	Resp:	6070
Ion Ratio	Lower	Upper	
264	100		
260	26.0	20.5	30.7
265	26.4	22.8	34.2

Instrument :
BNA_E
ClientSampleId :
MW-9DL

Manual Integrations
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