

Data Path : U:\HPCHEM1\BNA E\DATA\BE012518\
 Data File : BE095111.D
 Acq On : 25 Jan 2018 11:52
 Operator : SJ/JU
 Sample : J1235-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 TW-3

Manual Integrations
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Sohil
 1/26/2018 11:21:53 AM

Quant Time: Jan 25 19:41:59 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE012318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 23 15:47:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.46	152	8367	0.40	ng	0.00
7) Naphthalene-d8	11.36	136	455349	0.40	ng	0.05
13) Acenaphthene-d10	15.03	164	22827m	0.40	ng	0.00
19) Phenanthrene-d10	17.74	188	18609m	0.40	ng	0.00
27) Chrysene-d12	21.84	240	18224	0.40	ng	0.00
34) Perylene-d12	24.48	264	17076	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	6.00	112	4228	0.31	ng	0.06
5) Phenol-d6	7.59	99	5222	0.25	ng	0.01
8) Nitrobenzene-d5	9.63	82	26642	0.06	ng	0.00
11) 2-Methylnaphthalene-d10	12.84	152	11497	0.02	ng	0.00
14) 2,4,6-Tribromophenol	16.50	330	4798m	0.72	ng	0.00
15) 2-Fluorobiphenyl	13.68	172	129127m	1.29	ng	0.00
25) Fluoranthene-d10	19.72	212	106317m	0.45	ng	0.00
29) Terphenyl-d14	20.28	244	768847	20.61	ng	0.00
Target Compounds						
9) Naphthalene	11.38	128	30920139	5.934	ng	Qvalue 100
12) 2-Methylnaphthalene	12.91	142	538568	0.603	ng	98
17) Acenaphthene	15.09	154	8990m	0.113	ng	
18) Fluorene	16.07	166	15096m	0.152	ng	
22) Pentachlorophenol	17.40	266	116782m	12.546	ng	
23) Phenanthrene	17.79	178	21591m	0.375	ng	
24) Anthracene	17.88	178	3084m	0.060	ng	
26) Fluoranthene	19.75	202	4103m	0.059	ng	
28) Pyrene	20.09	202	4253	0.055	ng	# 69
32) Bis(2-ethylhexyl)phthalate	21.70	149	176805	2.230	ng	99

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

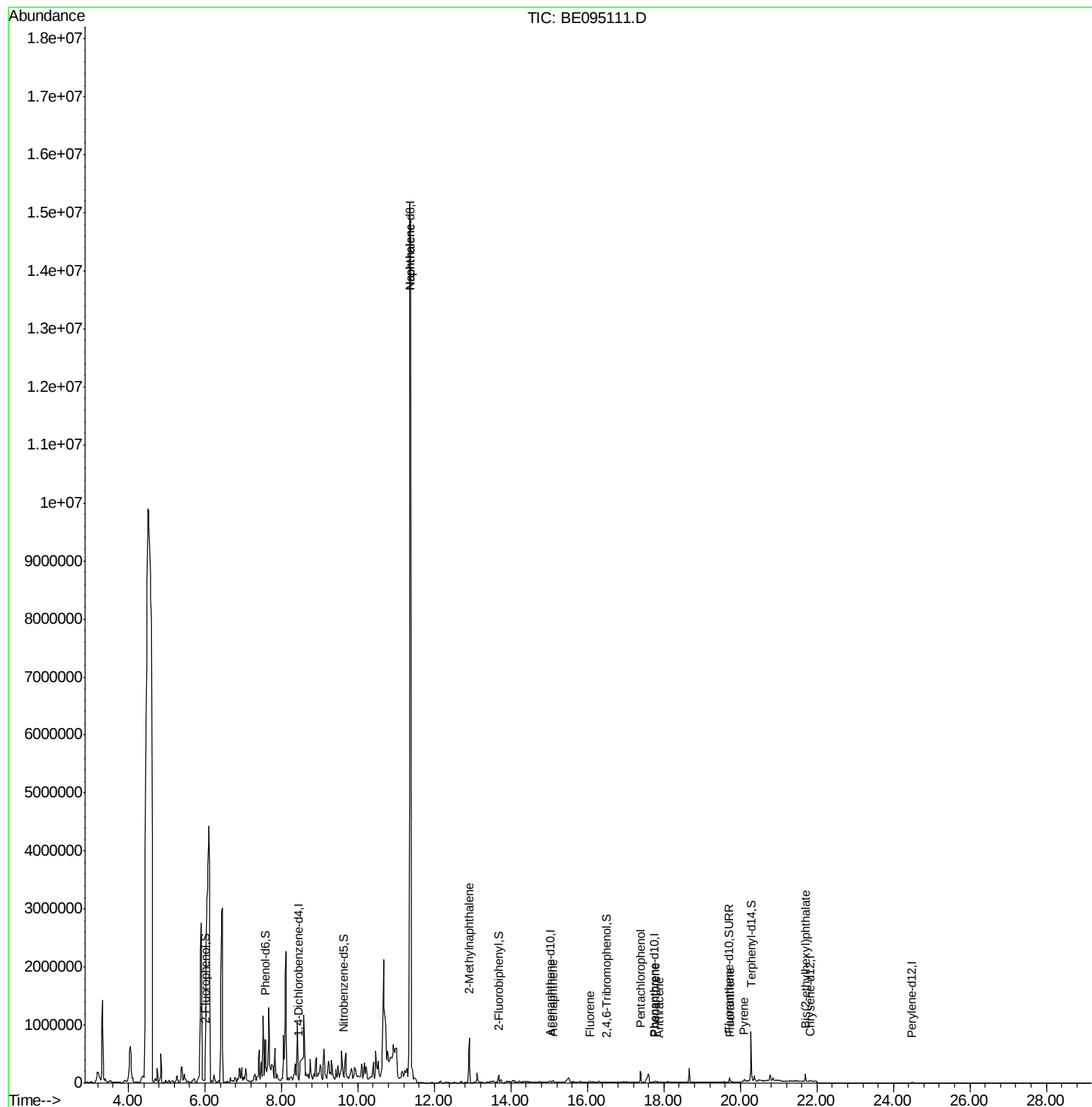
Data Path : U:\HPCHEM1\BNA E\DATA\BE012518\
Data File : BE095111.D
Acq On : 25 Jan 2018 11:52
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Sample : J1235-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

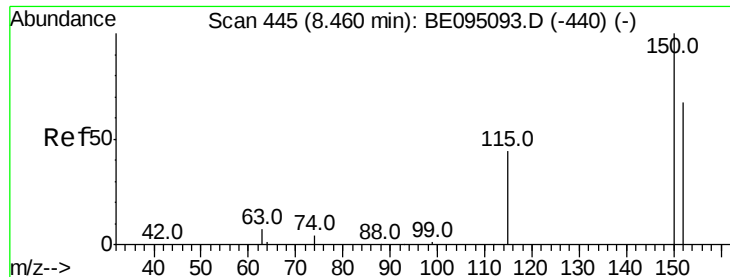
Instrument :
BNA_E
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TW-3

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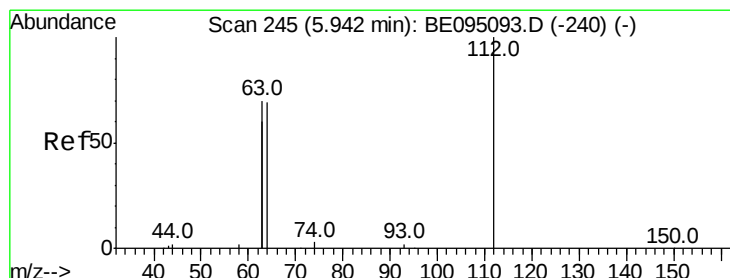
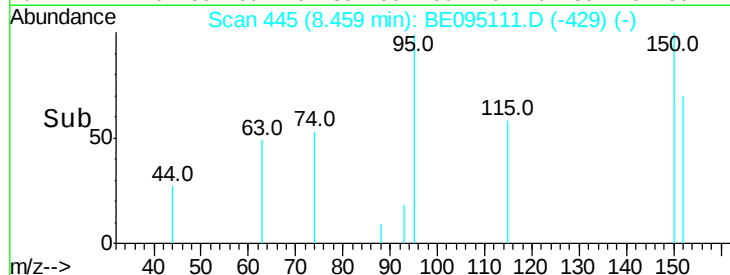
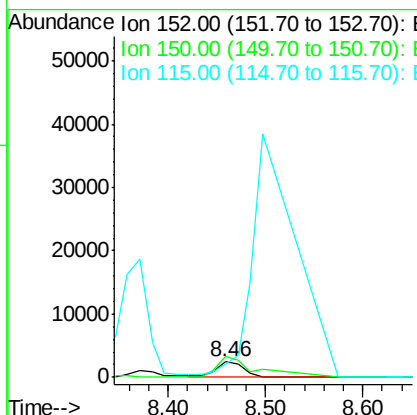
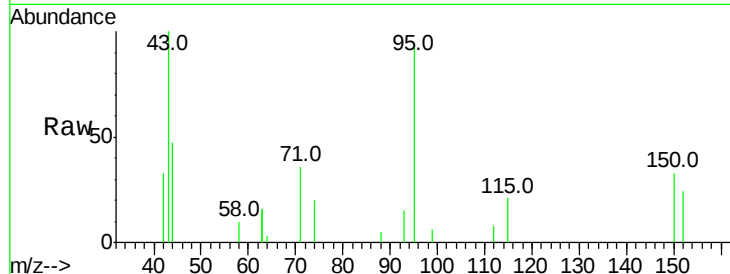
#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.46 min Scan# 445
 Delta R.T. -0.00 min
 Lab File: BE095111.D
 Acq: 25 Jan 2018 11:52

Instrument :
 BNA_E
 ClientSampled :
 TW-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.9	117.2	175.8
115	89.3	57.0	85.6

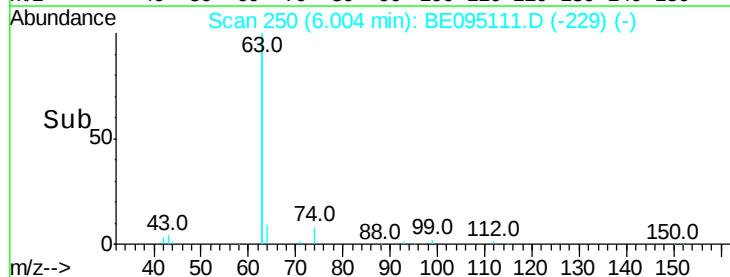
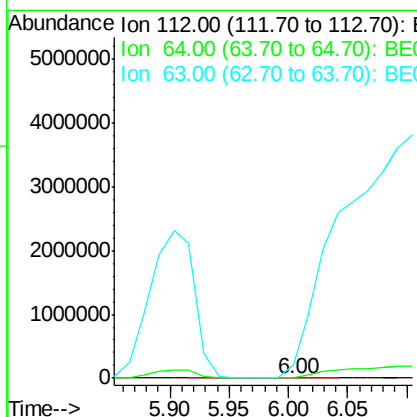
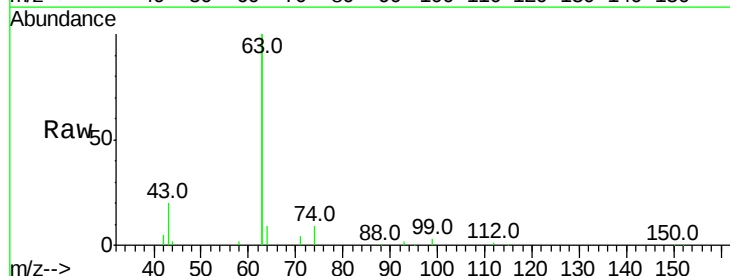
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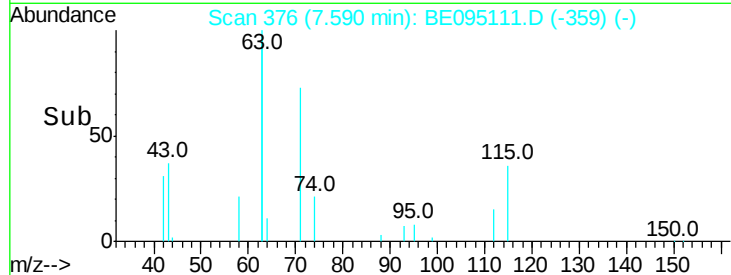
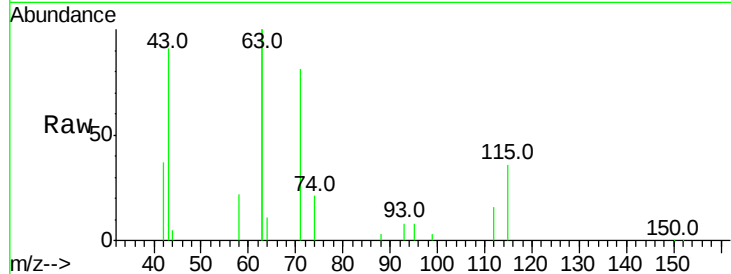
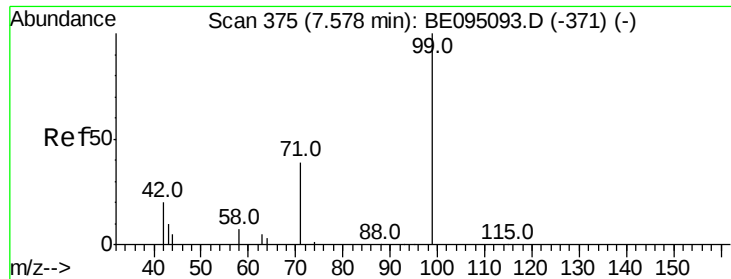
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#4
 2-Fluorophenol
 Concen: 0.312 ng
 RT: 6.00 min Scan# 250
 Delta R.T. 0.06 min
 Lab File: BE095111.D
 Acq: 25 Jan 2018 11:52

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





#5

Phenol-d6

Concen: 0.254 ng

RT: 7.59 min Scan# 376

Delta R.T. 0.01 min

Lab File: BE095111.D

Acq: 25 Jan 2018 11:52

Tot Ion: 99 Resp: 5222

Ion Ratio Lower Upper

99 100

42 3656.5 20.2 30.2

71 4042.4 28.4 42.6

Instrument :

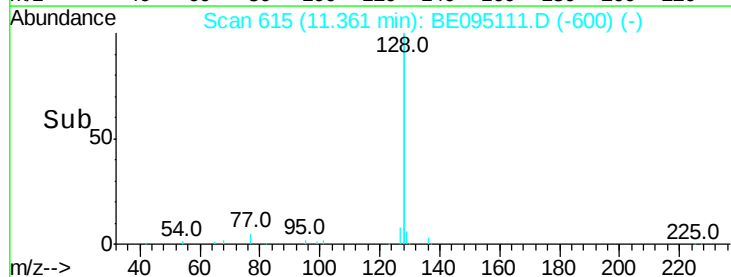
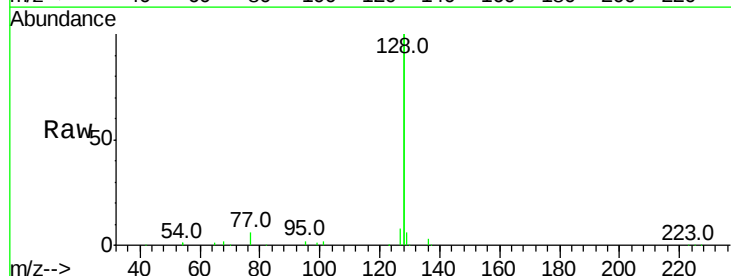
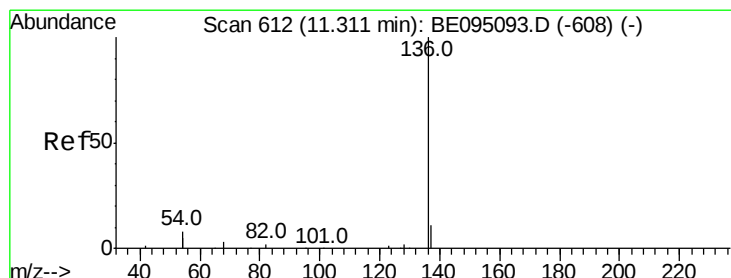
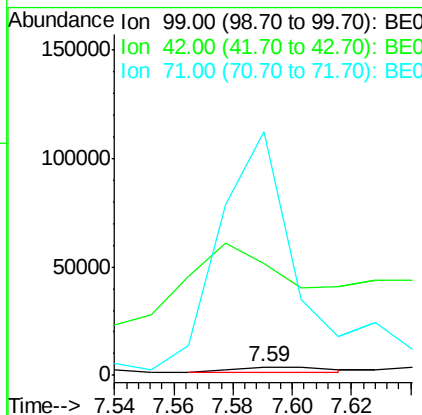
BNA_E

ClientSampled :

TW-3

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#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.36 min Scan# 615

Delta R.T. 0.05 min

Lab File: BE095111.D

Acq: 25 Jan 2018 11:52

Tgt Ion:136 Resp: 455349

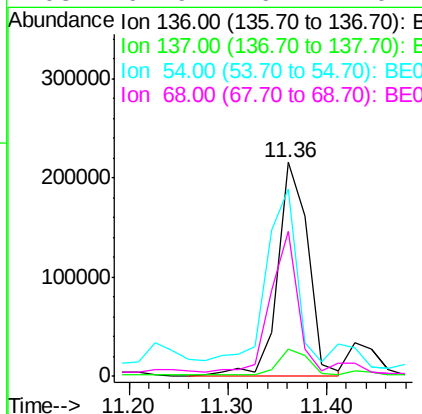
Ion Ratio Lower Upper

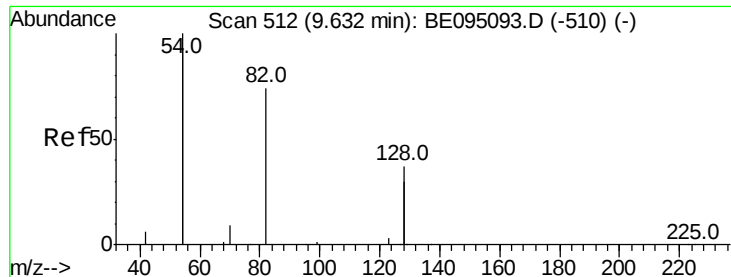
136 100

137 12.4 9.5 14.3

54 87.6 29.1 43.7#

68 67.9 6.2 9.2#





#8

Nitrobenzene-d5

Concen: 0.064 ng

RT: 9.63 min Scan# 512

Delta R.T. 0.00 min

Lab File: BE095111.D

Acq: 25 Jan 2018 11:52

Instrument :

BNA_E

ClientSampled :

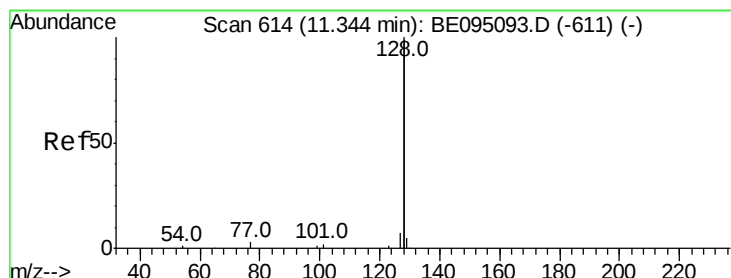
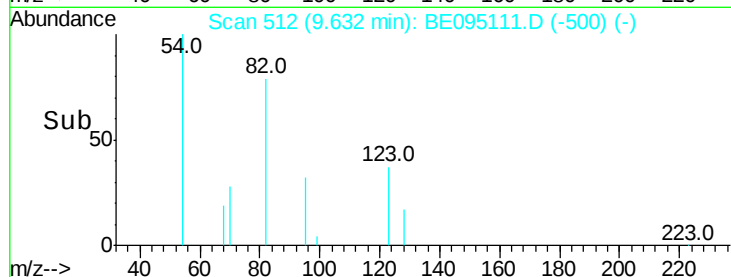
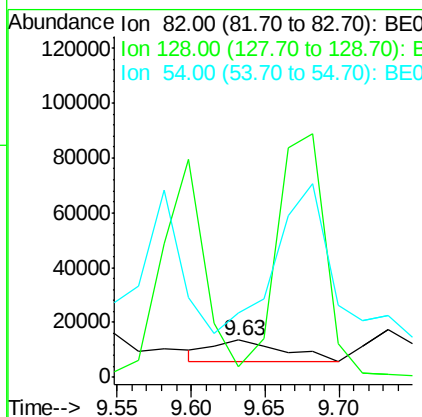
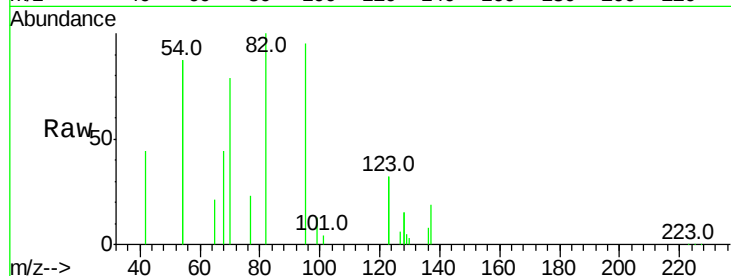
TW-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	30.0	150.0	225.0#
54	173.7	154.2	231.4

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#9

Naphthalene

Concen: 5.934 ng

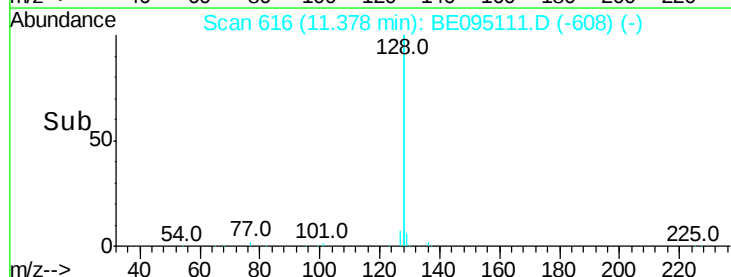
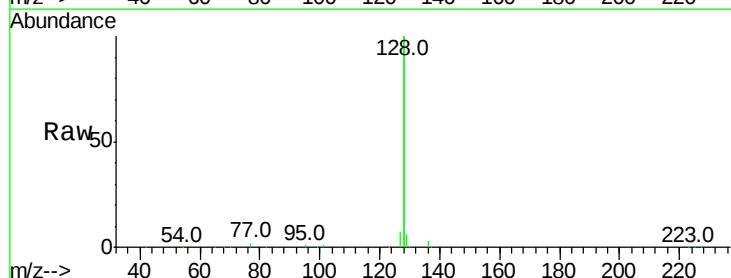
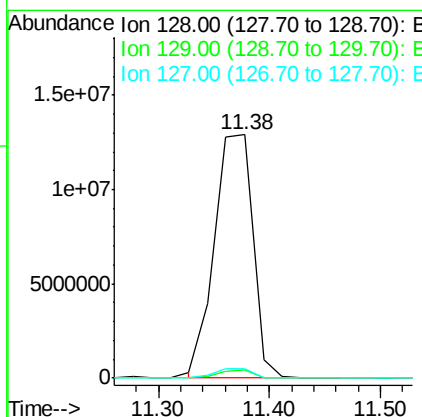
RT: 11.38 min Scan# 616

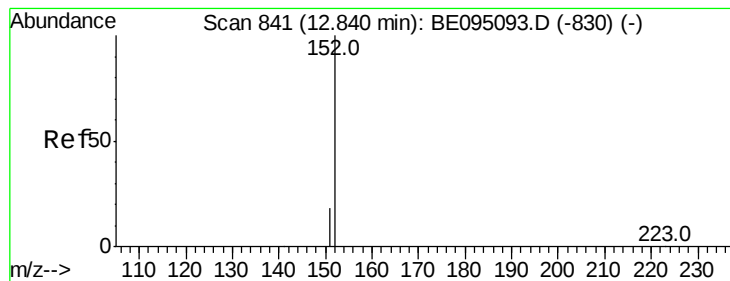
Delta R.T. 0.03 min

Lab File: BE095111.D

Acq: 25 Jan 2018 11:52

Tgt Ion	Ratio	Lower	Upper
128	100		
129	3.2	2.6	3.8
127	3.6	2.8	4.2





#11

2-Methylnaphthalene-d10

Concen: 0.015 ng

RT: 12.84 min Scan# 841

Delta R.T. -0.00 min

Lab File: BE095111.D

Acq: 25 Jan 2018 11:52

Instrument :

BNA_E

ClientSampled :

TW-3

Tot Ion:152 Resp: 11497

Ion Ratio Lower Upper

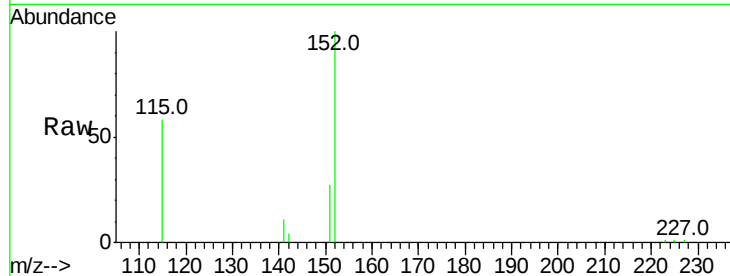
152 100

151 29.6 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

20000

15000

10000

5000

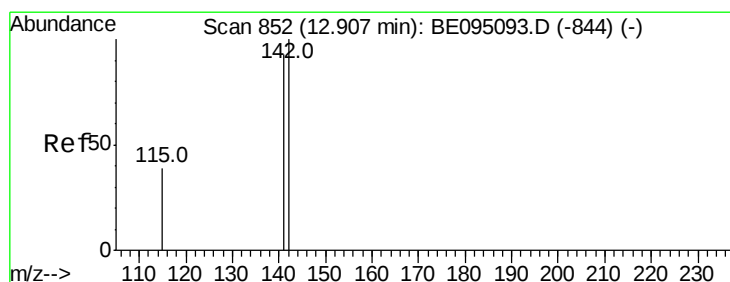
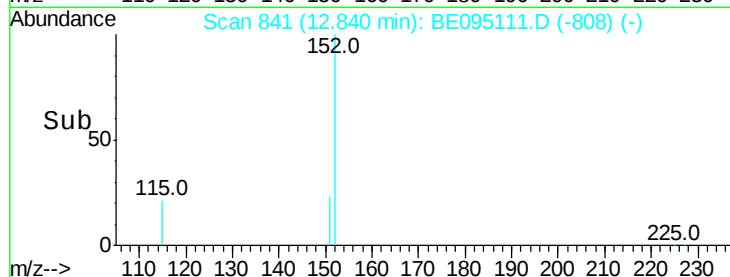
0

12.84

12.80

12.90

Time-->



#12

2-Methylnaphthalene

Concen: 0.603 ng

RT: 12.91 min Scan# 853

Delta R.T. 0.01 min

Lab File: BE095111.D

Acq: 25 Jan 2018 11:52

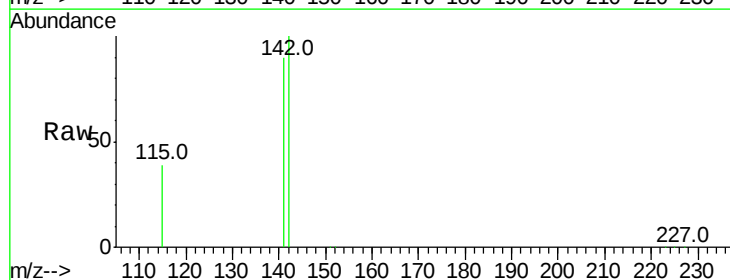
Tgt Ion:142 Resp: 538568

Ion Ratio Lower Upper

142 100

141 89.6 70.4 105.6

115 39.0 31.7 47.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

400000

300000

200000

100000

0

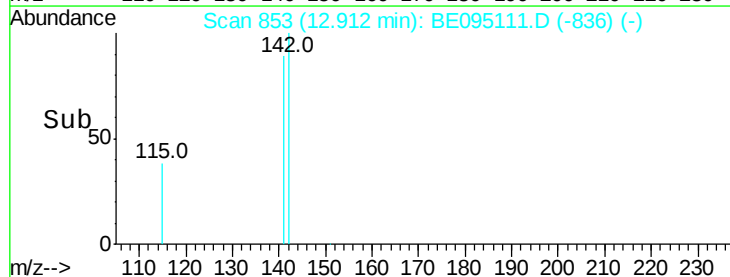
12.91

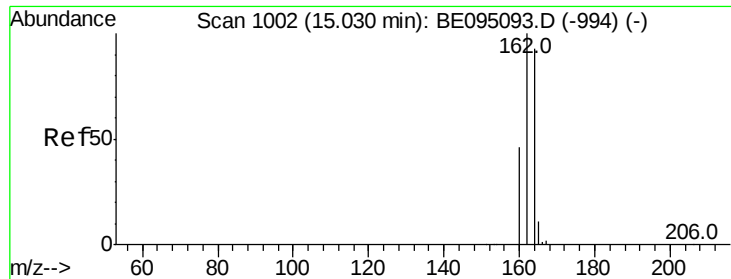
12.85

12.95

13.00

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng m

RT: 15.03 min Scan# 1002

Delta R.T. 0.00 min

Lab File: BE095111.D

Acq: 25 Jan 2018 11:52

Instrument :

BNA_E

ClientSampleId :

TW-3

Tot Ion:164 Resp: 22827

Ion Ratio Lower Upper

164 100

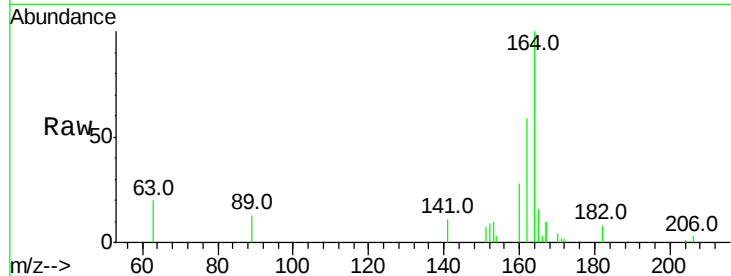
162 58.6 83.1 124.7#

160 27.7 37.1 55.7#

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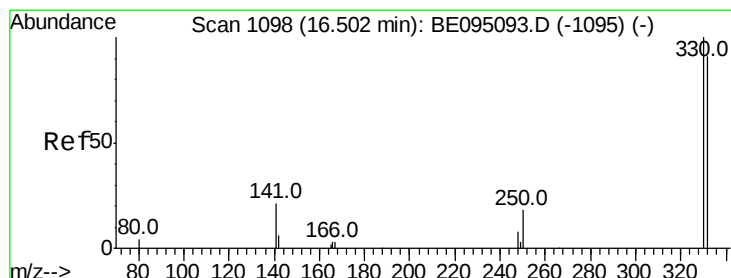
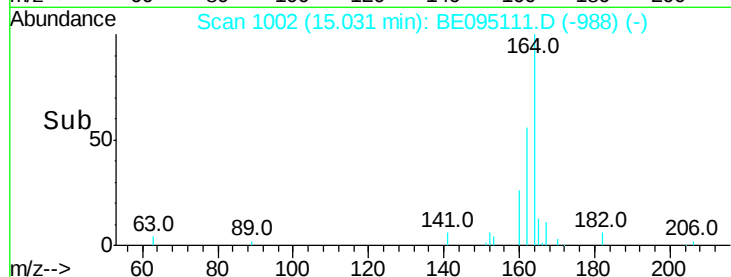
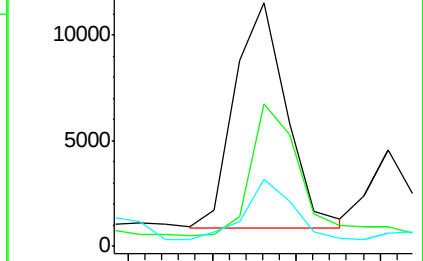
1/26/2018 11:21:53 AM



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: 0.716 ng m

RT: 16.50 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BE095111.D

Acq: 25 Jan 2018 11:52

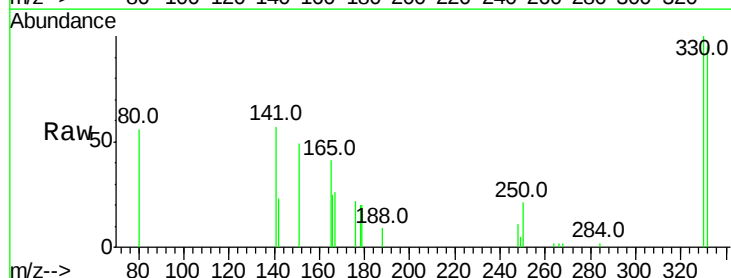
Tgt Ion:330 Resp: 4798

Ion Ratio Lower Upper

330 100

332 0.0 152.7 229.1#

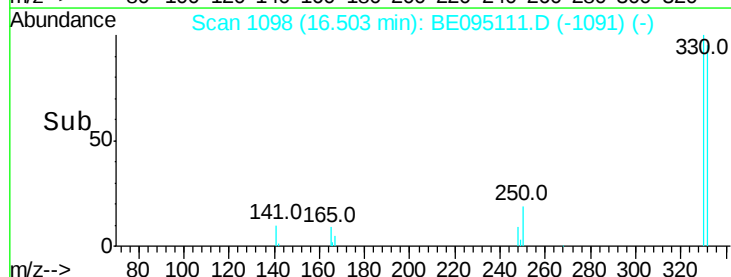
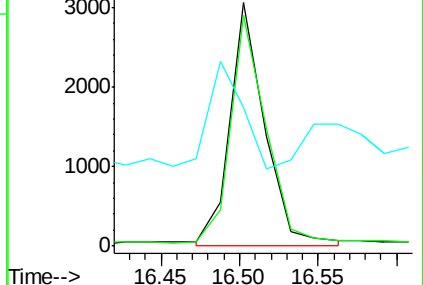
141 0.0 33.7 50.5#

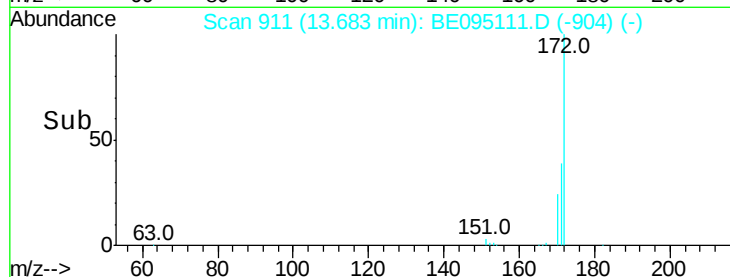
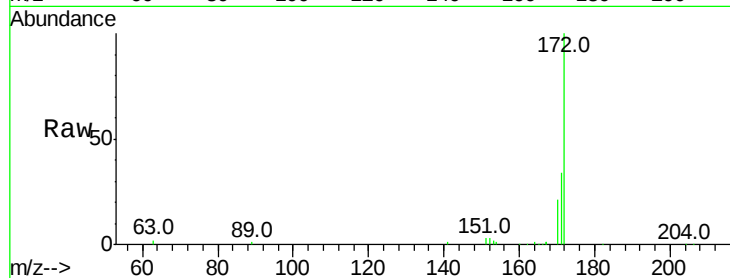
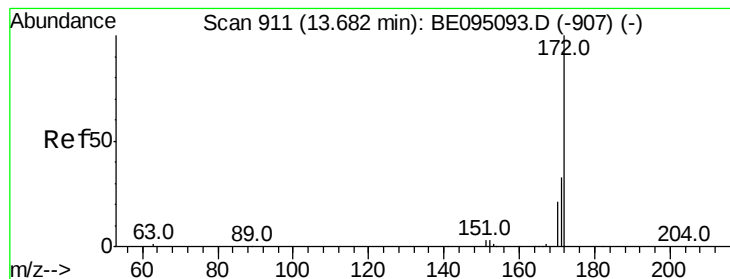


Abundance Ion 330.00 (329.70 to 330.70): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 1.287 ng m

RT: 13.68 min Scan# 911

Delta R.T. 0.00 min

Lab File: BE095111.D

Acq: 25 Jan 2018 11:52

Tot Ion:	172	Resp:	129127
Ion Ratio	Lower	Upper	
172	100		
171	33.9	29.9	44.9
170	21.0	21.8	32.8#

Instrument :

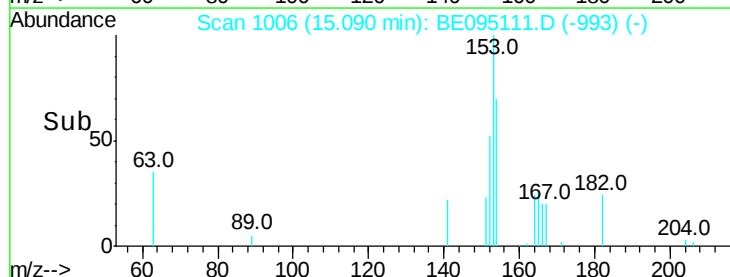
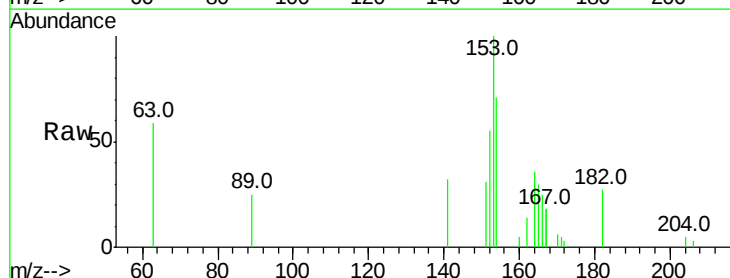
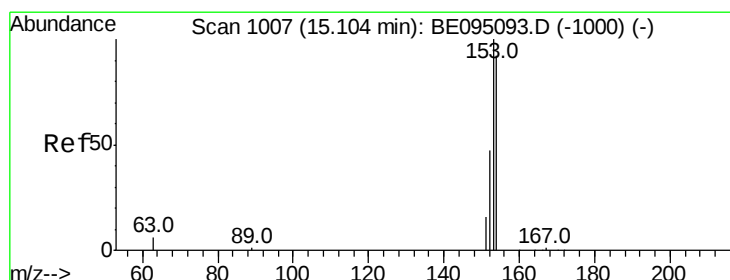
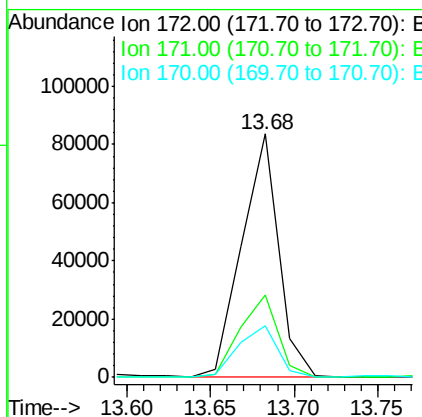
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#17

Acenaphthene

Concen: 0.113 ng m

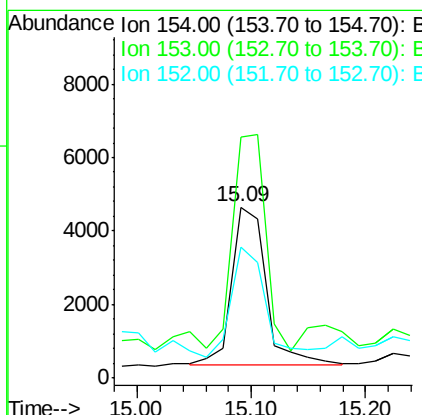
RT: 15.09 min Scan# 1006

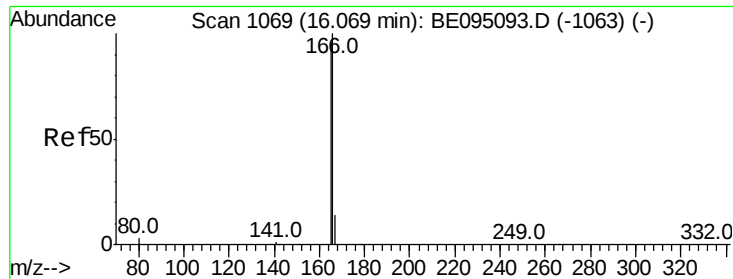
Delta R.T. -0.01 min

Lab File: BE095111.D

Acq: 25 Jan 2018 11:52

Tgt Ion:	154	Resp:	8990
Ion Ratio	Lower	Upper	
154	100		
153	12.6	89.2	133.8#
152	10.3	42.0	63.0#





#18

Fluorene

Concen: 0.152 ng m

RT: 16.07 min Scan# 1069

Delta R.T. 0.00 min

Lab File: BE095111.D

Acq: 25 Jan 2018 11:52

Instrument :

BNA_E

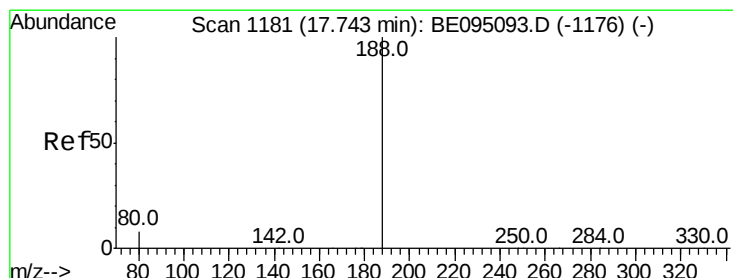
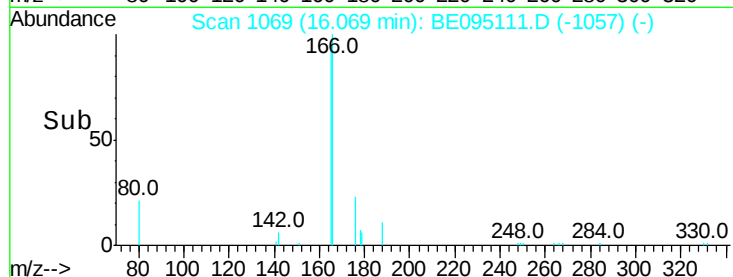
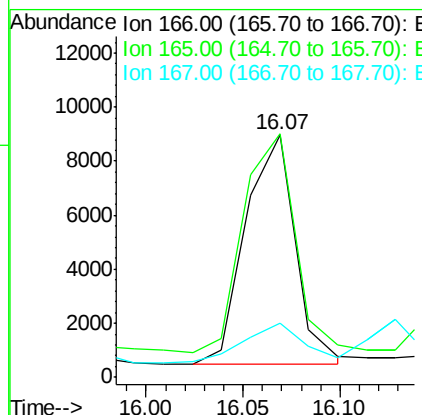
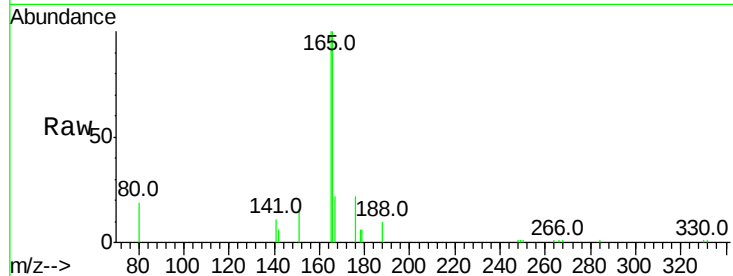
ClientSampled :

TW-3

Tot Ion:	166	Resp:	15096
Ion Ratio	Lower	Upper	
166	100		
165	0.0	77.8	116.6#
167	8.4	42.4	63.6#

Manual Integrations
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#19

Phenanthrene-d10

Concen: 0.400 ng m

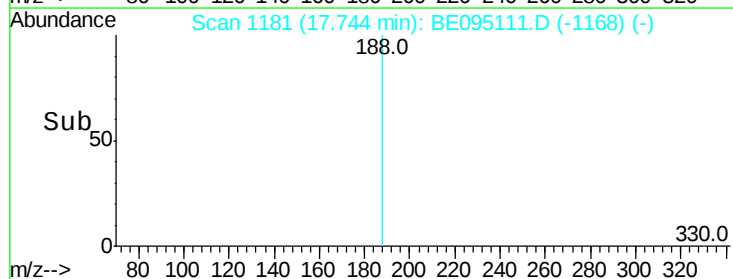
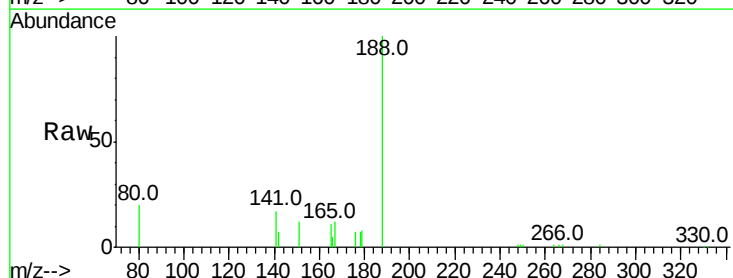
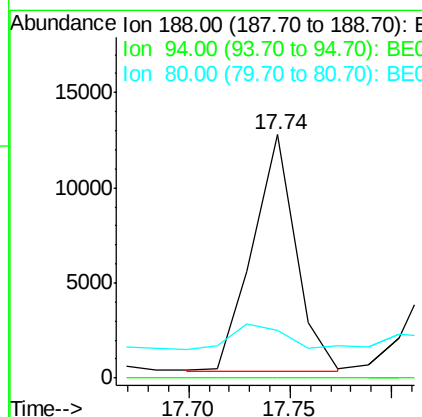
RT: 17.74 min Scan# 1181

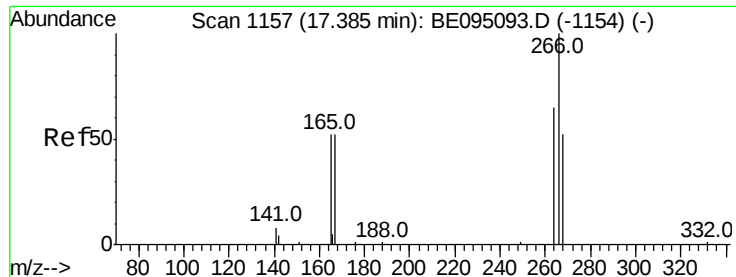
Delta R.T. 0.00 min

Lab File: BE095111.D

Acq: 25 Jan 2018 11:52

Tgt Ion:	188	Resp:	18609
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	19.5	3.6	5.4#





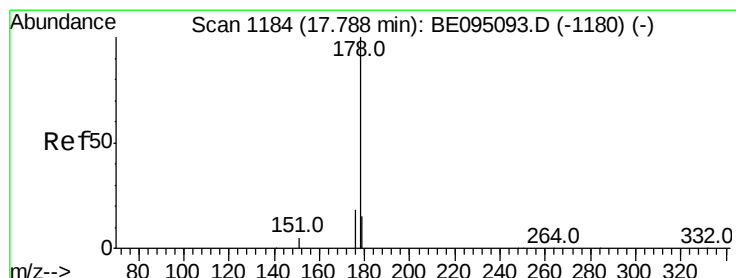
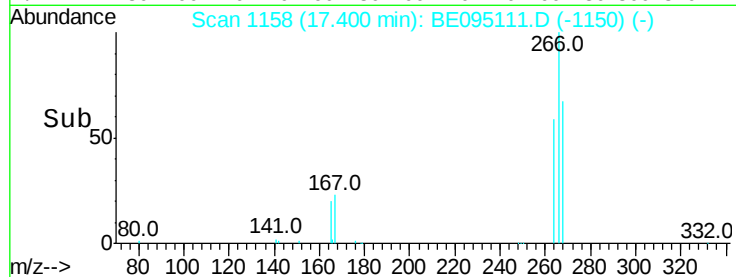
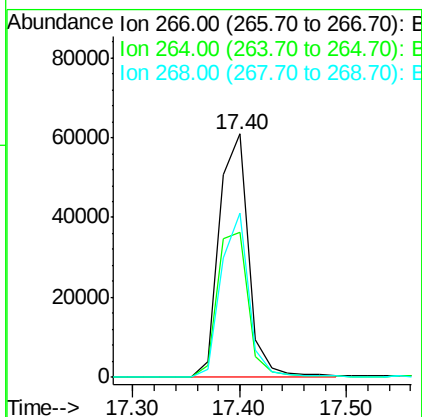
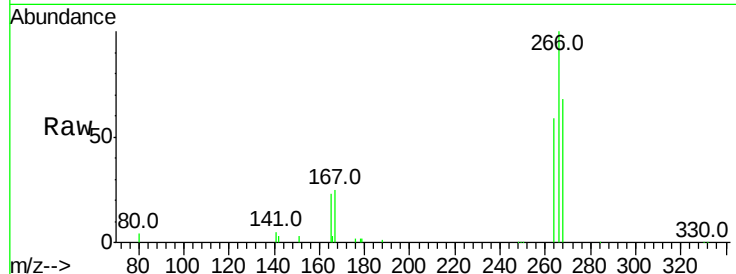
#22
 Pentachlorophenol
 Concen: 12.546 ng m
 RT: 17.40 min Scan# 1158
 Delta R.T. 0.02 min
 Lab File: BE095111.D
 Acq: 25 Jan 2018 11:52

Instrument :
 BNA_E
 ClientSampled :
 TW-3

Tot Ion	Ratio	Lower	Upper
266	100		
264	59.4	72.5	108.7#
268	67.5	73.8	110.6#

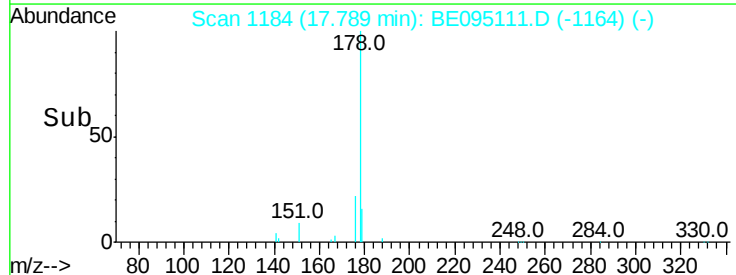
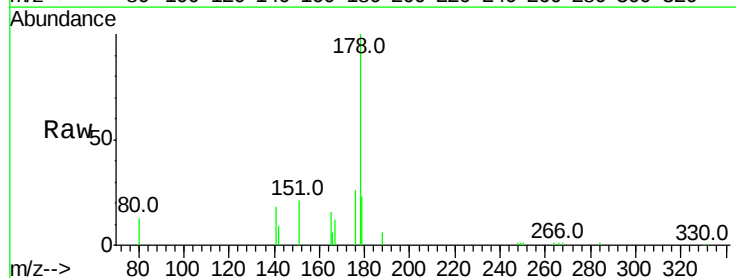
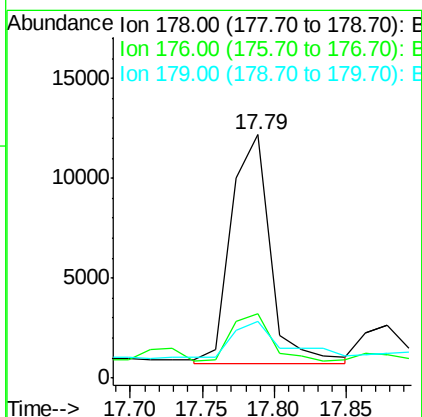
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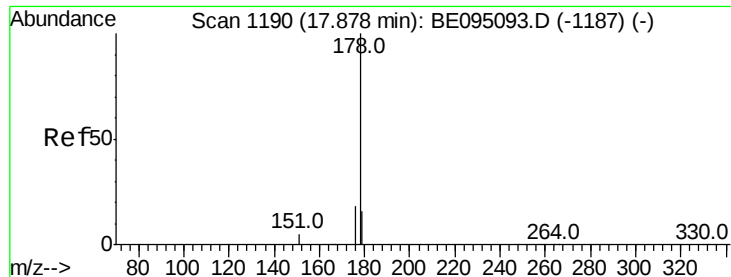
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#23
 Phenanthrene
 Concen: 0.375 ng m
 RT: 17.79 min Scan# 1184
 Delta R.T. 0.00 min
 Lab File: BE095111.D
 Acq: 25 Jan 2018 11:52

Tgt Ion	Ratio	Lower	Upper
178	100		
176	2.8	15.1	22.7#
179	0.0	11.8	17.6#





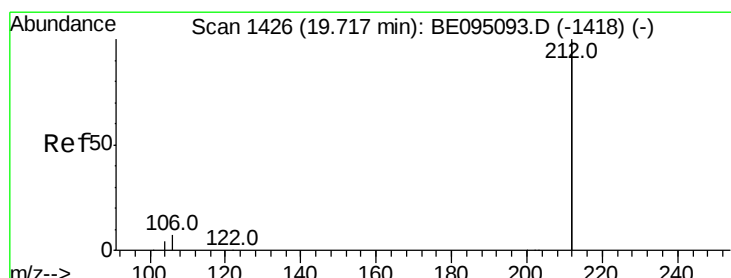
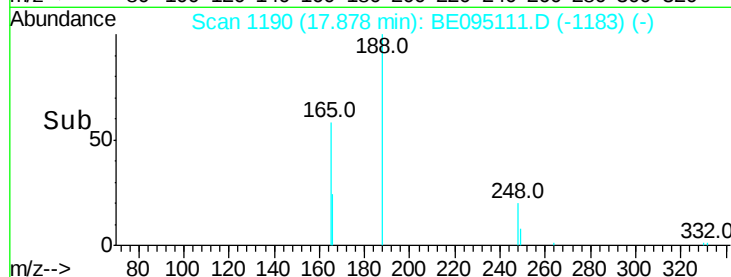
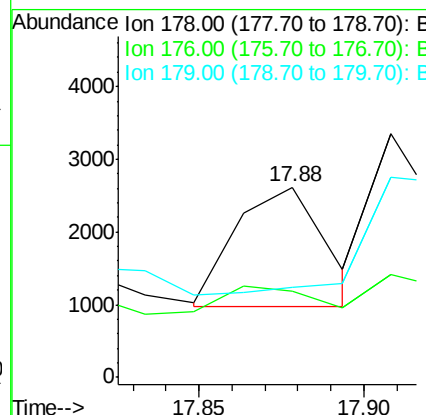
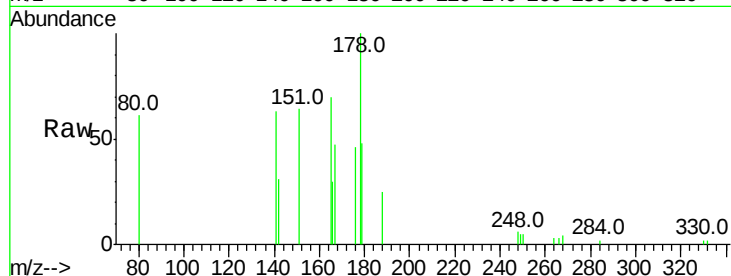
#24
 Anthracene
 Concen: 0.060 ng m
 RT: 17.88 min Scan# 1190
 Delta R.T. 0.00 min
 Lab File: BE095111.D
 Acq: 25 Jan 2018 11:52

Instrument :
 BNA_E
 ClientSampled :
 TW-3

Tot Ion	Ratio	Lower	Upper
178	100		
176	0.0	12.8	19.2#
179	0.0	13.0	19.6#

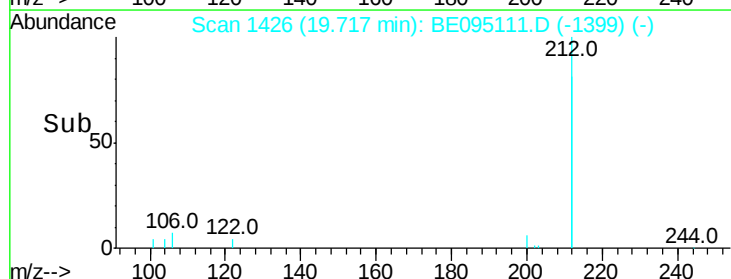
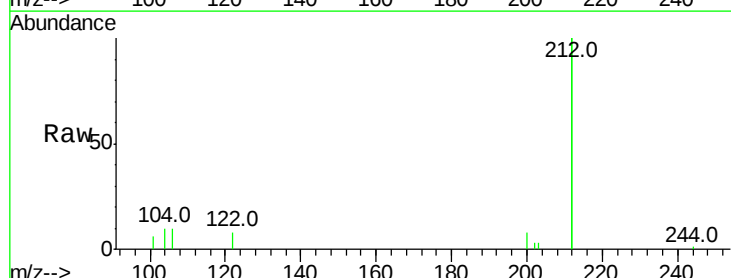
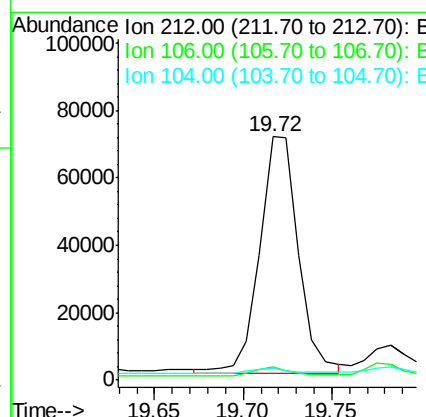
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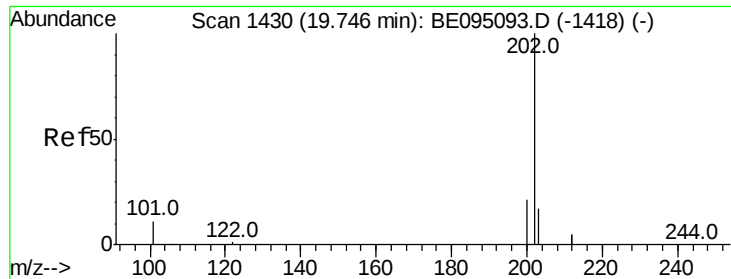
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#25
 Fluoranthene-d10
 Concen: 0.454 ng m
 RT: 19.72 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BE095111.D
 Acq: 25 Jan 2018 11:52

Tgt Ion	Ratio	Lower	Upper
212	100		
106	6.1	2.8	4.2#
104	3.3	1.6	2.4#





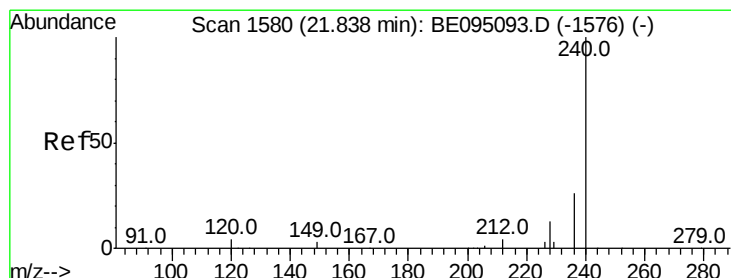
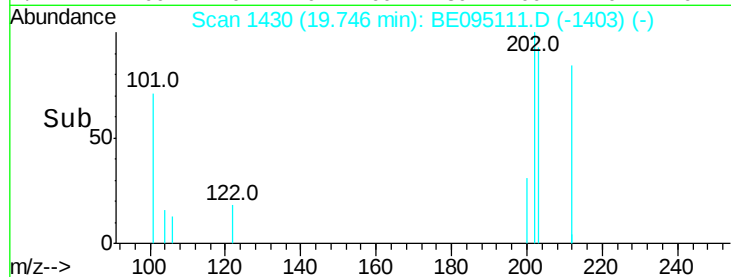
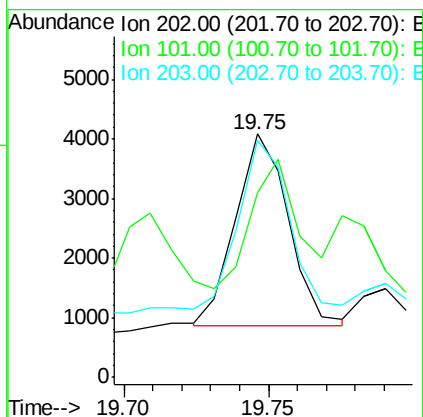
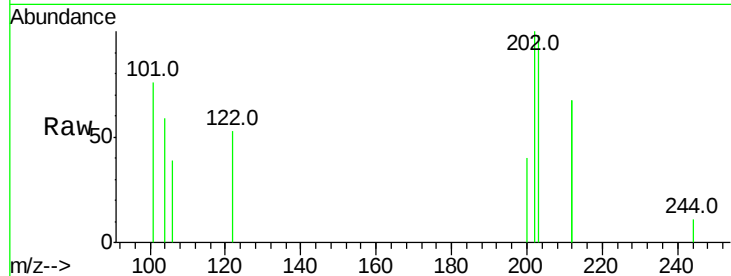
#26
 Fluoranthene
 Concen: 0.059 ng/ml
 RT: 19.75 min Scan# 1430
 Delta R.T. 0.00 min
 Lab File: BE095111.D
 Acq: 25 Jan 2018 11:52

Instrument :
 BNA_E
 ClientSampleID :
 TW-3

Tot Ion	Ratio	Lower	Upper
202	100		
101	103.1	9.8	14.8#
203	0.0	13.7	20.5#

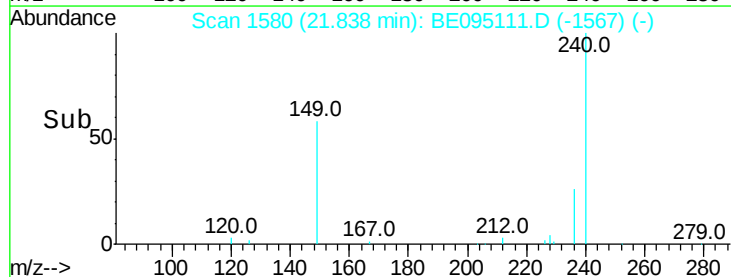
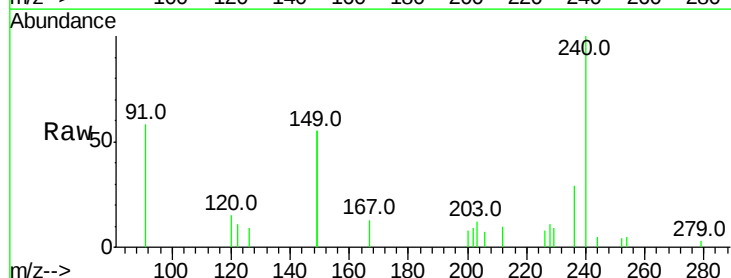
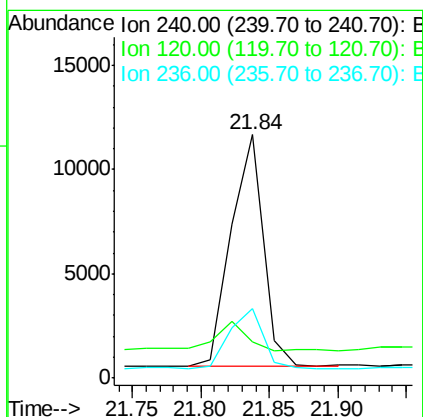
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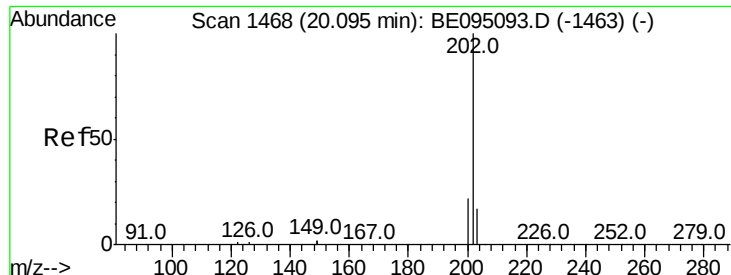
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.84 min Scan# 1580
 Delta R.T. -0.00 min
 Lab File: BE095111.D
 Acq: 25 Jan 2018 11:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.1	5.5	8.3#
236	28.6	20.7	31.1





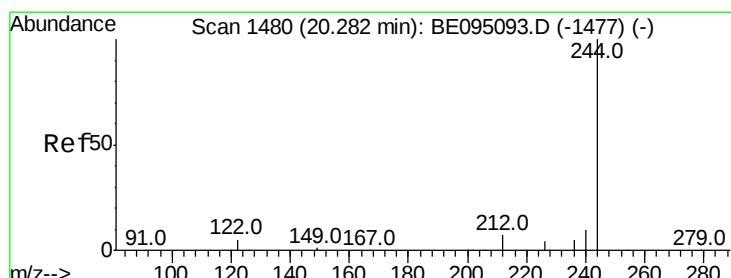
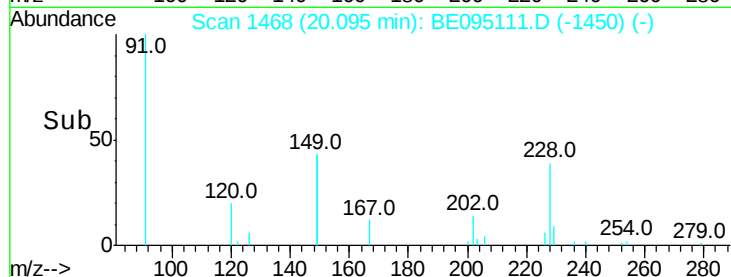
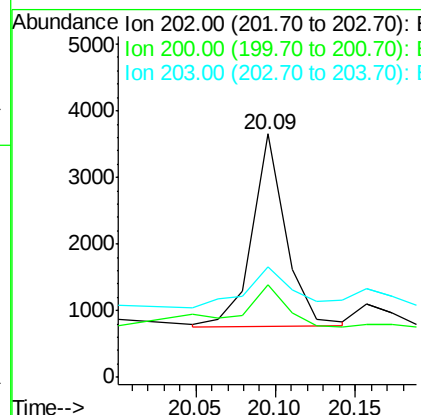
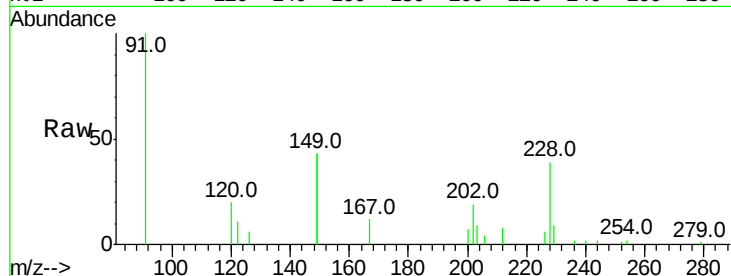
#28
Pvrene
Concen: 0.055 ng
RT: 20.09 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BE095111.D
Acq: 25 Jan 2018 11:52

Instrument :
BNA_E
ClientSampled :
TW-3

Tot Ion	Ratio	Lower	Upper
202	100		
200	37.7	16.6	25.0#
203	27.9	13.8	20.8#

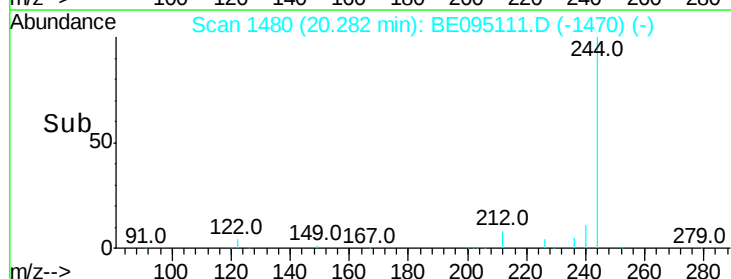
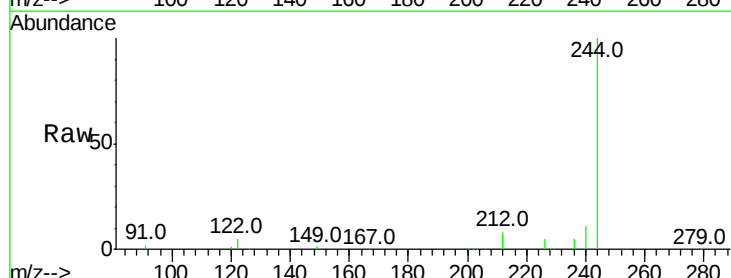
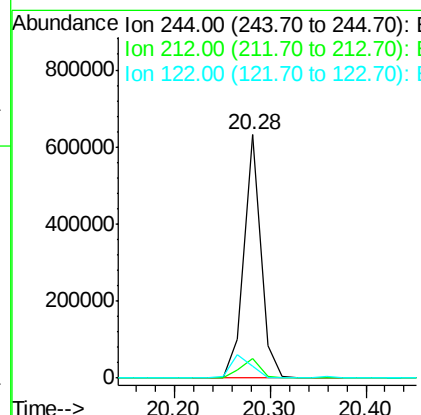
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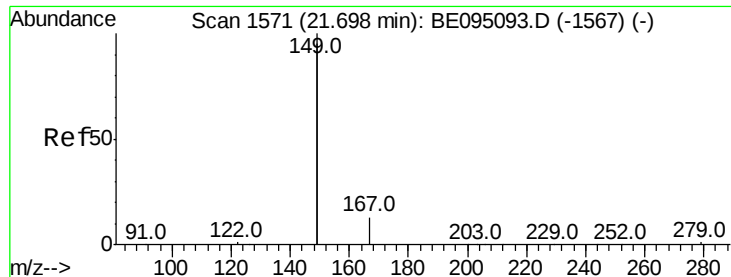
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#29
Terphenyl-d14
Concen: 20.611 ng
RT: 20.28 min Scan# 1480
Delta R.T. -0.00 min
Lab File: BE095111.D
Acq: 25 Jan 2018 11:52

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.0	25.4	38.0#
122	4.7	8.1	12.1#





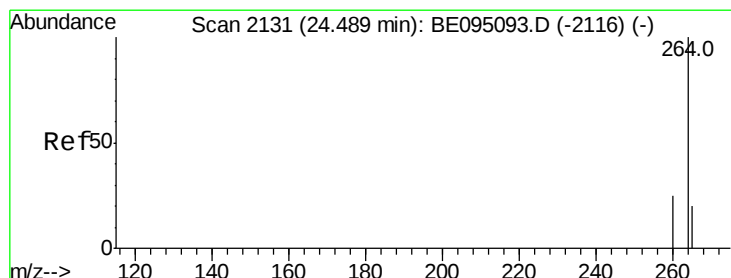
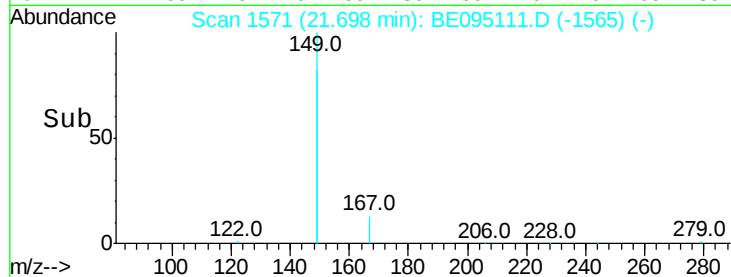
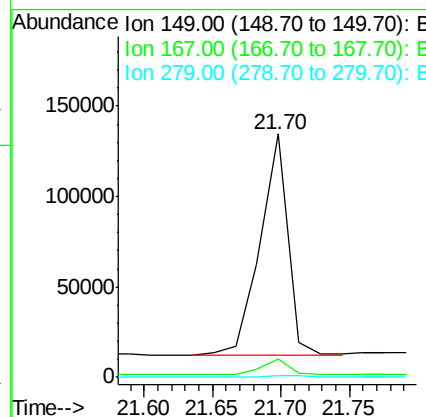
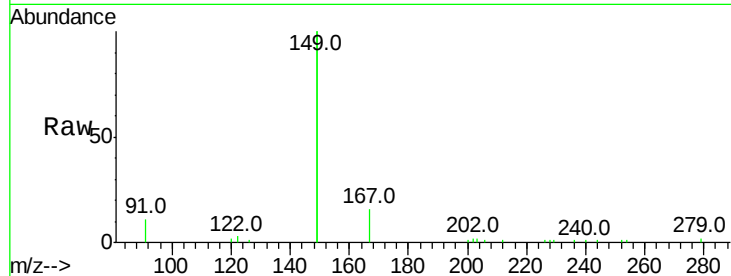
#32
 Bis(2-ethylhexyl)phthalate
 Concen: 2.230 ng
 RT: 21.70 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BE095111.D
 Acq: 25 Jan 2018 11:52

Instrument :
 BNA_E
 ClientSampleId :
 TW-3

Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	7.0	5.4	8.0
279	0.8	0.7	1.1

Manual Integrations
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.48 min Scan# 2130
 Delta R.T. -0.00 min
 Lab File: BE095111.D
 Acq: 25 Jan 2018 11:52

Tgt Ion	Ratio	Resp Lower	Upper
264	100		
260	25.6	20.5	30.7
265	30.3	22.8	34.2

