

Data Path : Z:\HPCHEM1\BNA E\DATA\BE040518\
 Data File : BE095951.D
 Acq On : 5 Apr 2018 10:32
 Operator : SJ/JU
 Sample : J2148-03RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 SB-2BRE

Manual Integrations
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Sohil
 4/6/2018 5:26:27 PM

Quant Time: Apr 06 12:42:19 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	652	0.40	ng	0.00
7) Naphthalene-d8	11.26	136	2576	0.40	ng	0.00
13) Acenaphthene-d10	14.99	164	1439	0.40	ng	-0.01
19) Phenanthrene-d10	17.70	188	3146	0.40	ng	-0.01
27) Chrysene-d12	21.79	240	3424	0.40	ng	-0.01
34) Perylene-d12	24.42	264	3451	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.91	112	1657	0.77	ng	0.00
5) Phenol-d6	7.56	99	2441	0.83	ng	0.00
8) Nitrobenzene-d5	9.59	82	2347	0.77	ng	0.00
11) 2-Methylnaphthalene-d10	12.79	152	3020	0.70	ng	-0.01
14) 2,4,6-Tribromophenol	16.46	330	636	0.77	ng	-0.01
15) 2-Fluorobiphenyl	13.63	172	4287	0.71	ng	-0.01
25) Fluoranthene-d10	19.68	212	24610	0.53	ng	0.00
29) Terphenyl-d14	20.24	244	4016	0.55	ng	0.00
Target Compounds						
9) Naphthalene	11.29	128	2131	0.072	ng	# 91
12) 2-Methylnaphthalene	12.86	142	120	0.024	ng	# 78
16) Acenaphthylene	14.73	152	359	0.044	ng	# 89
23) Phenanthrene	17.74	178	705	0.075	ng	# 93
24) Anthracene	17.84	178	222	0.024	ng	# 55
26) Fluoranthene	19.71	202	1273	0.097	ng	# 88
28) Pyrene	20.06	202	1370	0.098	ng	# 69
30) Benzo(a)anthracene	21.78	228	629m	0.053	ng	
31) Chrysene	21.82	228	763m	0.070	ng	
32) Bis(2-ethylhexyl)phthalate	21.64	149	19329	0.532	ng	# 96
33) Indeno(1,2,3-cd)pyrene	27.22	276	920	0.079	ng	# 78
39) Benzo(g,h,i)perylene	28.10	276	1118m	0.109	ng	

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

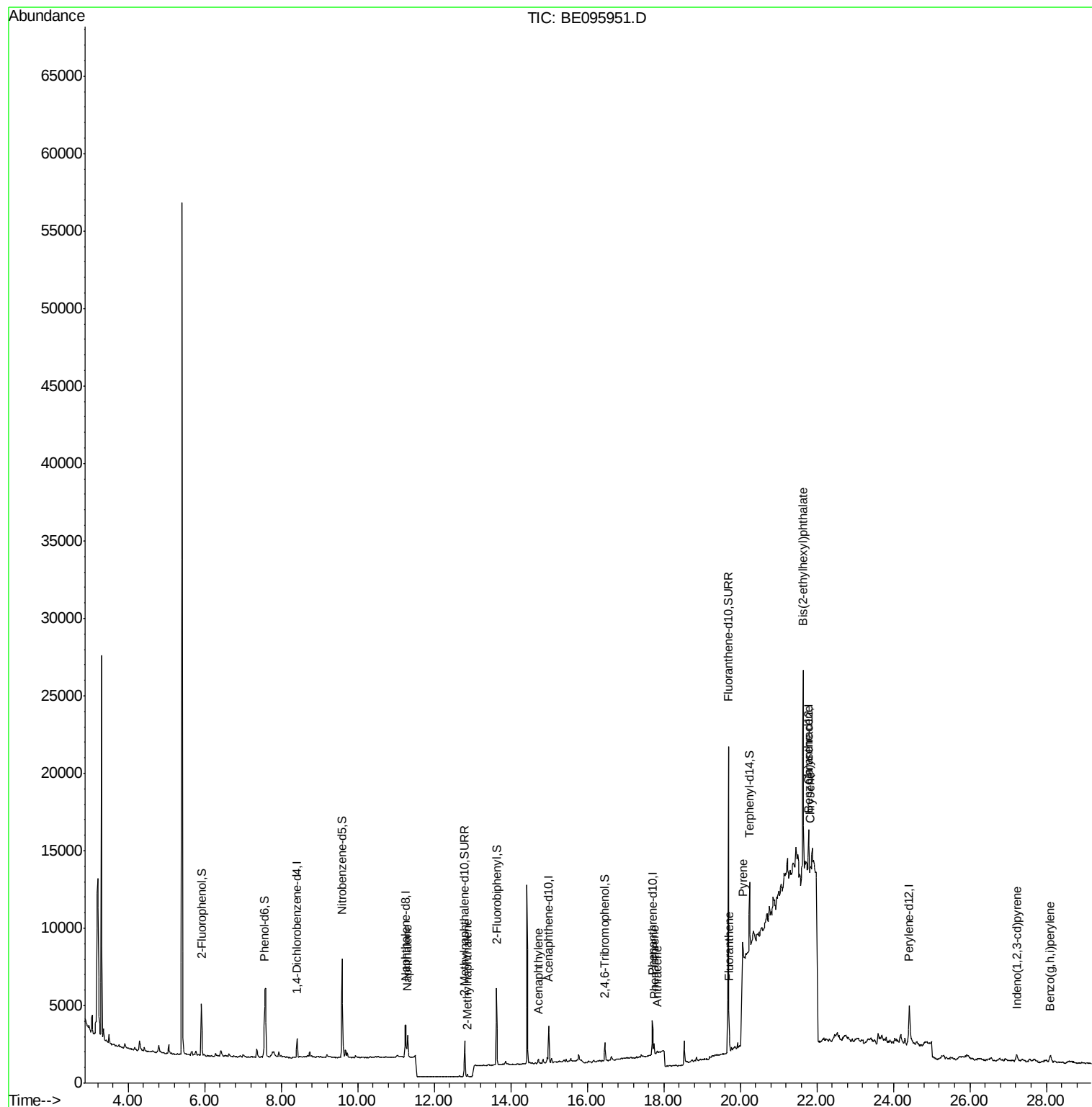
Data Path : Z:\HPCHEM1\BNA E\DATA\BE040518\
Data File : BE095951.D
Acq On : 5 Apr 2018 10:32
Operator : SJ/JU
Sample : J2148-03RE
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#1

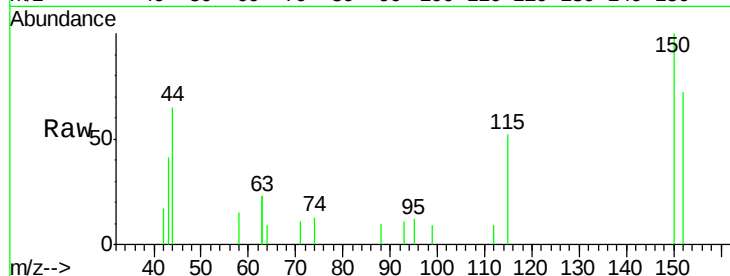
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.42 min Scan# 568
Delta R.T. -0.01 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Instrument :
BNA_E
ClientSampleId :
SB-2BRE

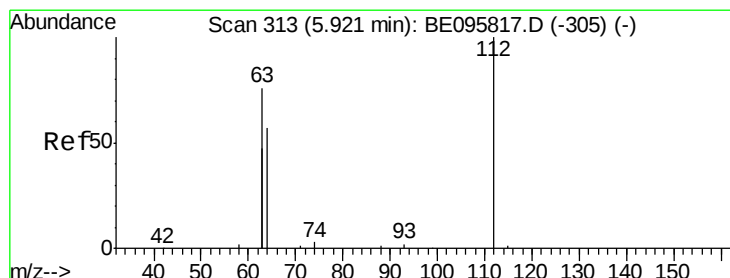
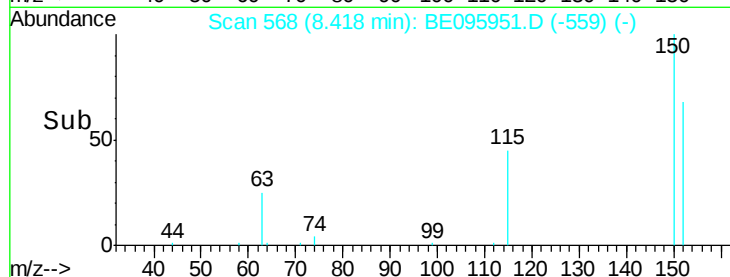
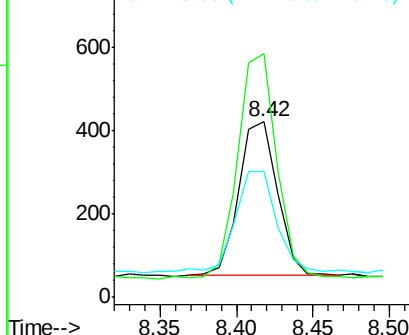
Tot Ion	Ratio	Lower	Upper
152	100		
150	138.6	117.2	175.8
115	71.6	57.0	85.6

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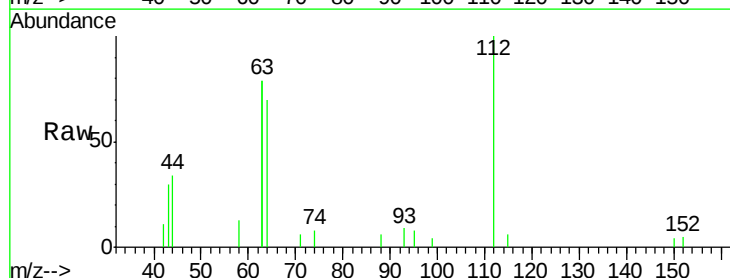
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



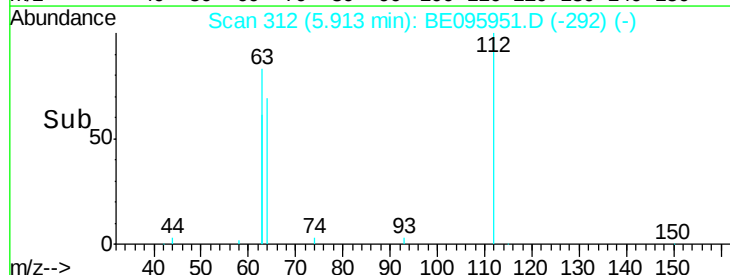
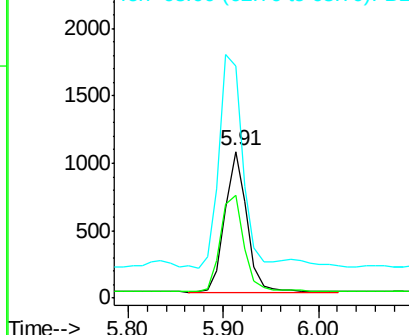
#4

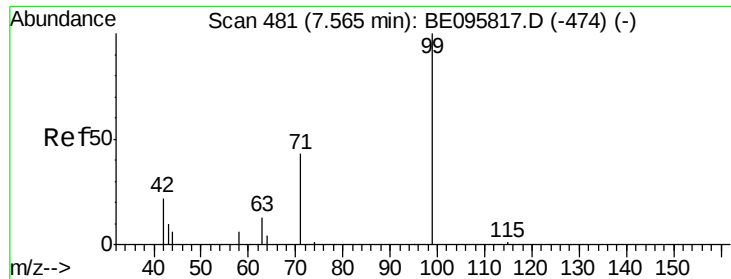
2-Fluorophenol
Concen: 0.771 ng
RT: 5.91 min Scan# 312
Delta R.T. -0.01 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
112	100		
64	71.8	60.1	90.1
63	162.2	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: 0.826 ng

RT: 7.56 min Scan# 480

Delta R.T. -0.01 min

Lab File: BE095951.D

Acq: 5 Apr 2018 10:32

Instrument :

BNA_E

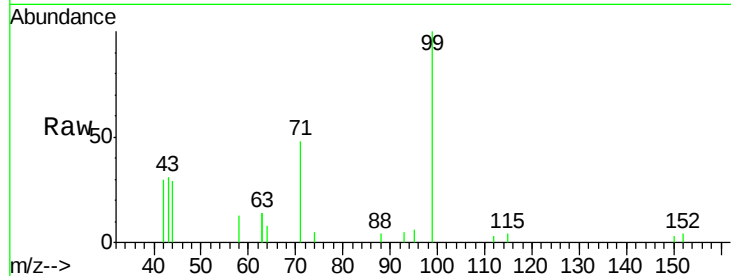
ClientSampleId :

SB-2BRE

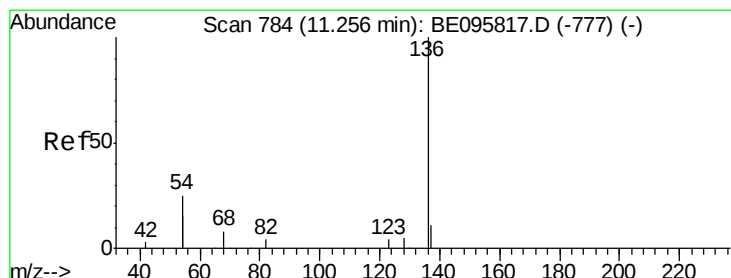
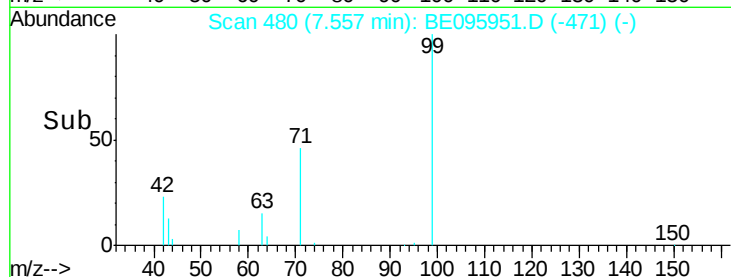
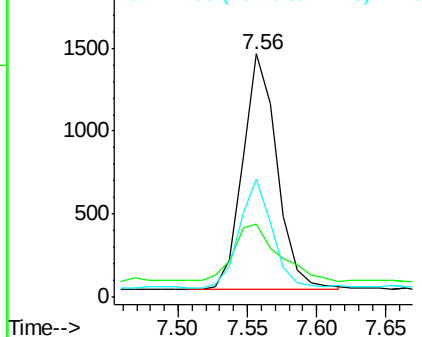
Tot Ion:	99	Resp:	2441
Ion	Ratio	Lower	Upper
99	100		
42	32.4	20.2	30.2#
71	43.4	28.4	42.6#

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Abundance Ion 99.00 (98.70 to 99.70): BE0
Ion 42.00 (41.70 to 42.70): BE0
Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.26 min Scan# 784

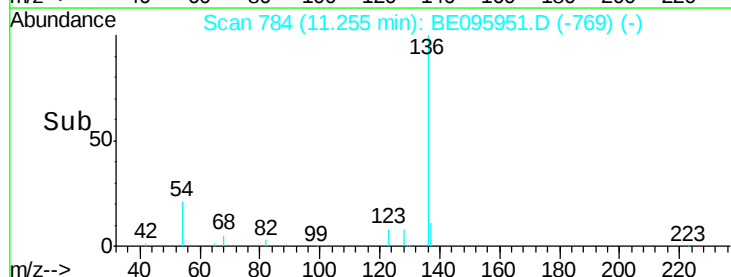
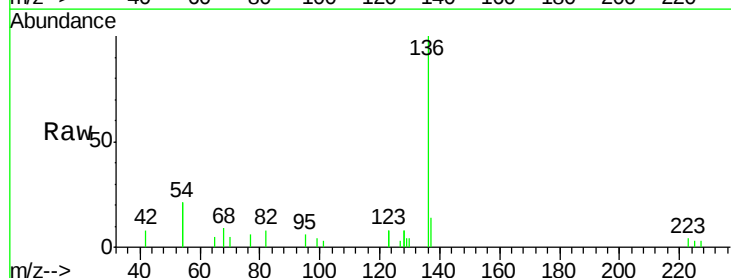
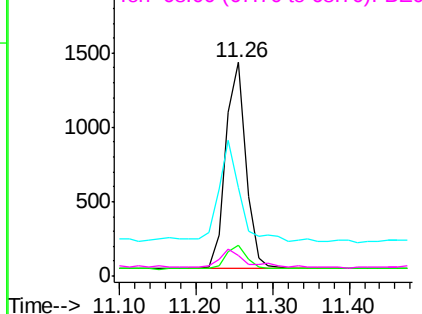
Delta R.T. -0.00 min

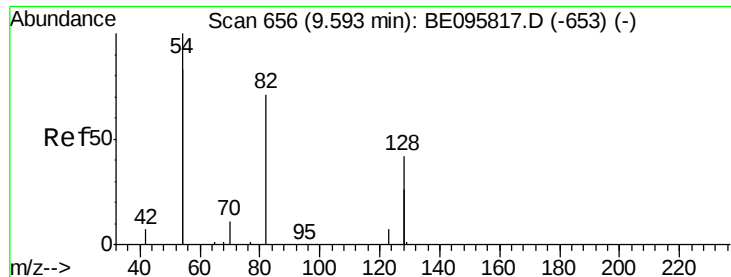
Lab File: BE095951.D

Acq: 5 Apr 2018 10:32

Tgt Ion:	136	Resp:	2576
Ion	Ratio	Lower	Upper
136	100		
137	14.3	9.5	14.3#
54	41.5	29.1	43.7
68	9.5	6.2	9.2#

Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.771 ng

RT: 9.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: BE095951.D

Acq: 5 Apr 2018 10:32

Instrument :

BNA_E

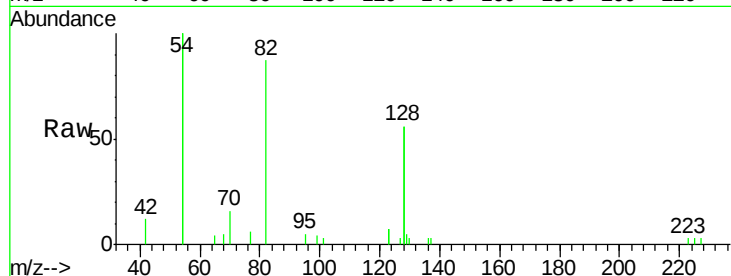
ClientSampled :

SB-2BRE

Tot Ion	Ratio	Lower	Upper
82	100		
128	130.1	150.0	225.0#
54	231.1	154.2	231.4

Manual Integrations
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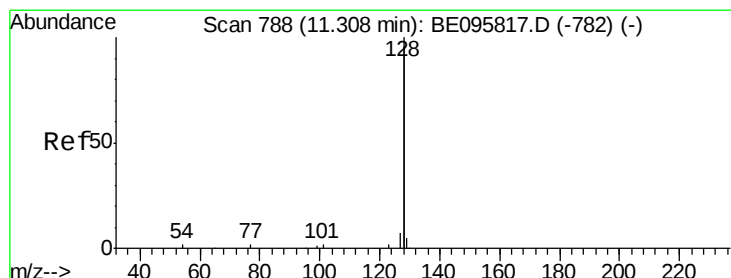
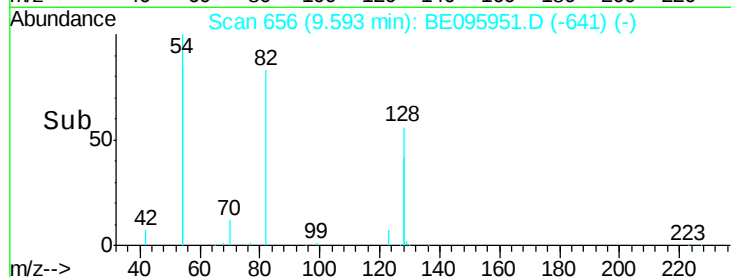
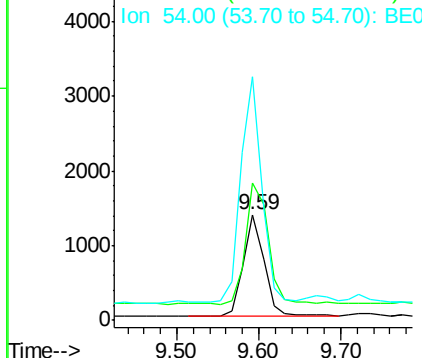
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Abundance Ion 82.00 (81.70 to 82.70): BE095817.D (-653) (-)

Ion 128.00 (127.70 to 128.70): BE095817.D (-653) (-)

Ion 54.00 (53.70 to 54.70): BE095817.D (-653) (-)



#9

Naphthalene

Concen: 0.072 ng

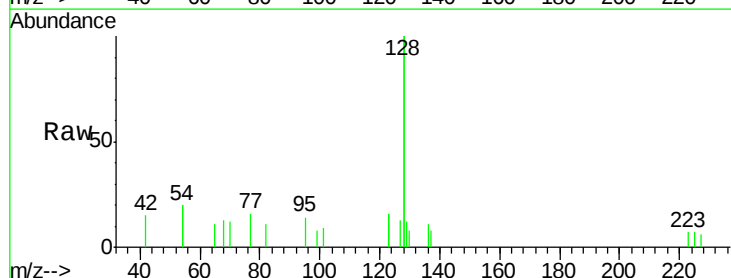
RT: 11.29 min Scan# 787

Delta R.T. -0.01 min

Lab File: BE095951.D

Acq: 5 Apr 2018 10:32

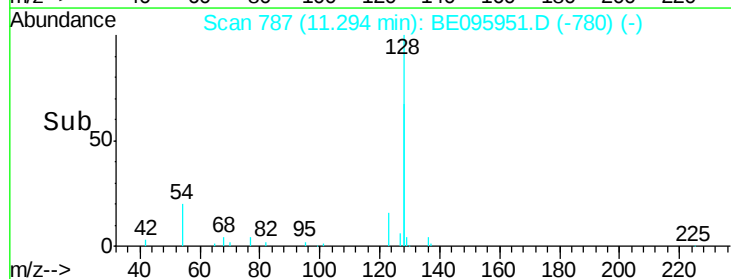
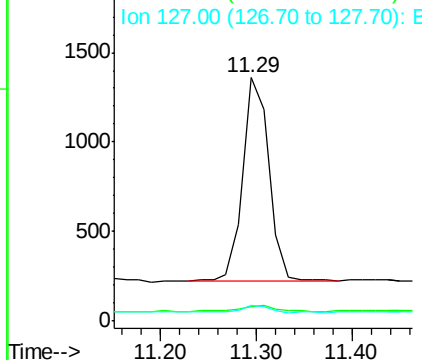
Tgt Ion	Ratio	Lower	Upper
128	100		
129	6.1	2.6	3.8#
127	6.5	2.8	4.2#

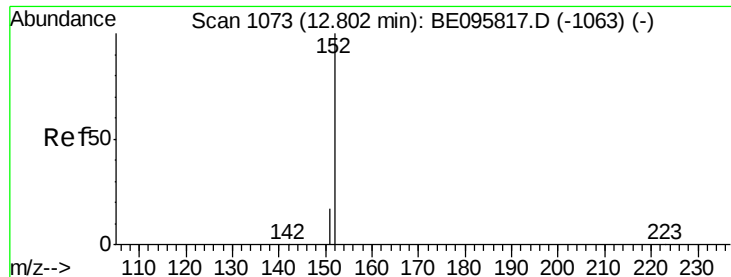


Abundance Ion 128.00 (127.70 to 128.70): BE095817.D (-782) (-)

Ion 129.00 (128.70 to 129.70): BE095817.D (-782) (-)

Ion 127.00 (126.70 to 127.70): BE095817.D (-782) (-)





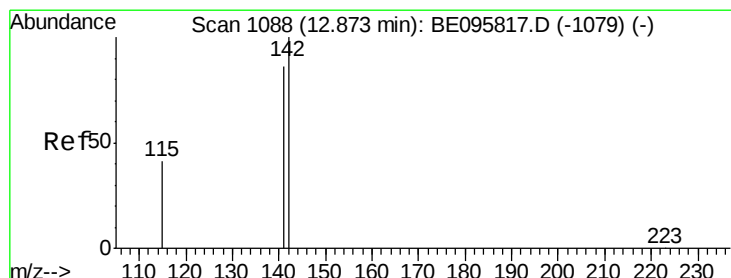
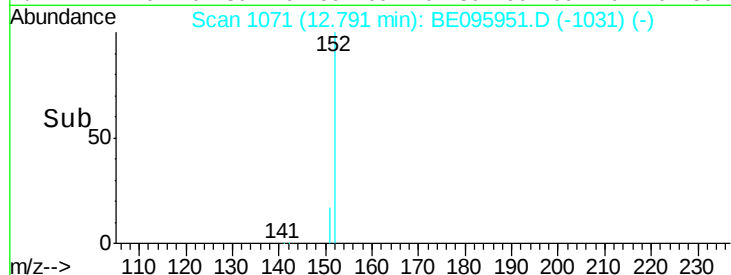
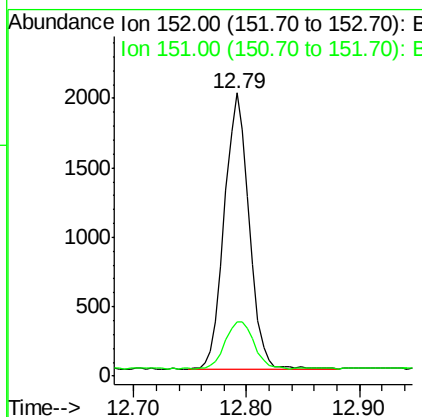
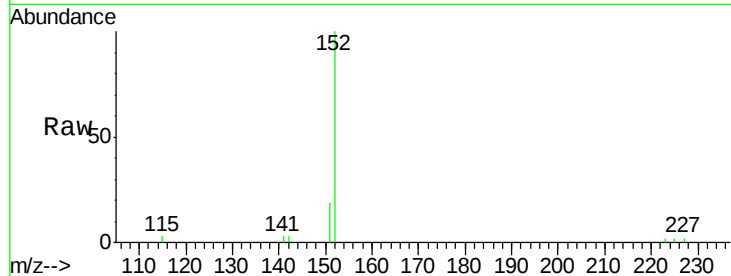
#11
2-Methylnaphthalene-d10
Concen: 0.702 ng
RT: 12.79 min Scan# 1071
Delta R.T. -0.01 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Instrument :
BNA_E
ClientSampleId :
SB-2BRE

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.4	23.0

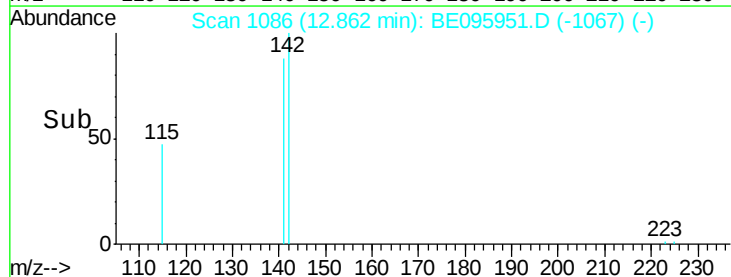
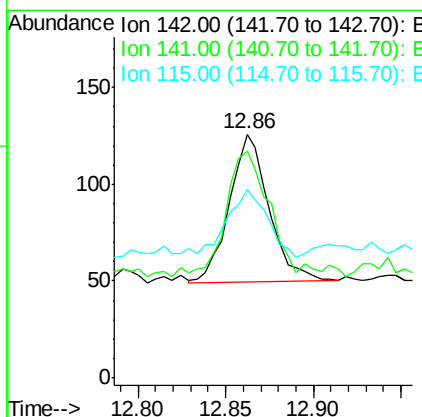
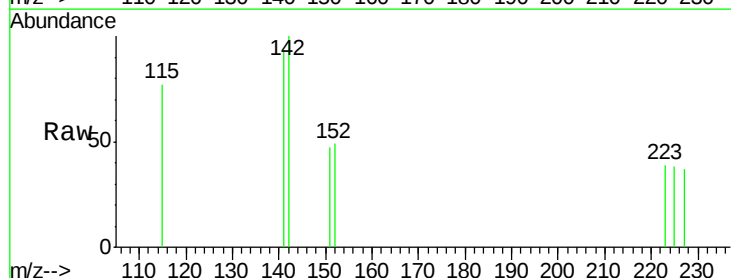
Manual Integrations
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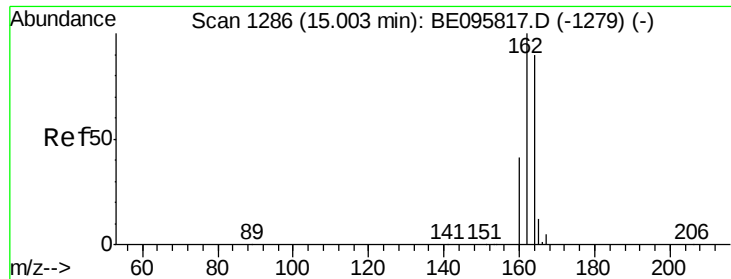
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#12
2-Methylnaphthalene
Concen: 0.024 ng
RT: 12.86 min Scan# 1086
Delta R.T. -0.01 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.9	70.4	105.6
115	77.0	31.7	47.5





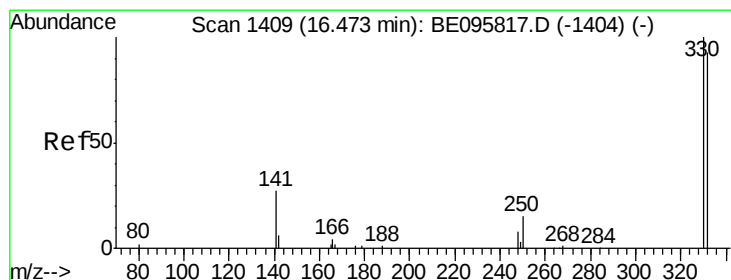
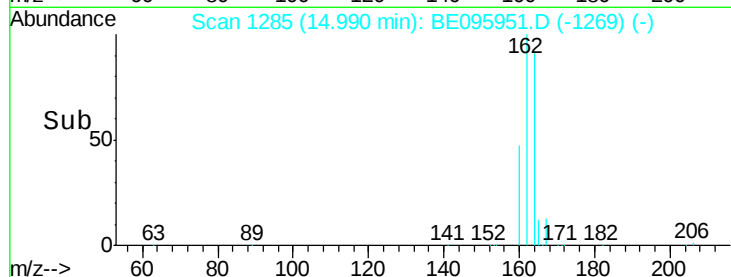
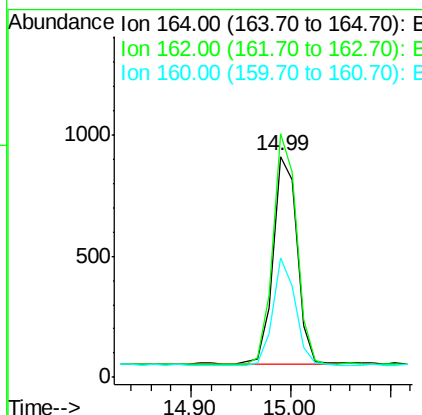
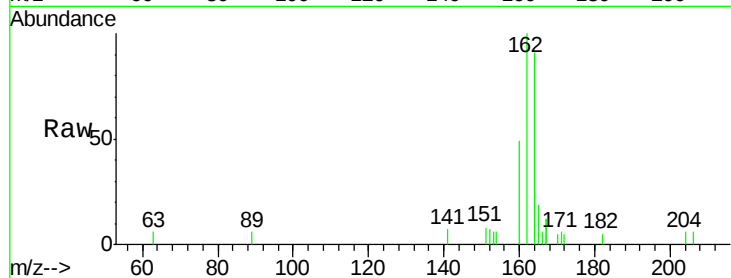
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.01 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Instrument :
BNA_E
ClientSampleId :
SB-2BRE

Tot Ion	Ratio	Lower	Upper
164	100		
162	110.1	83.1	124.7
160	53.8	37.1	55.7

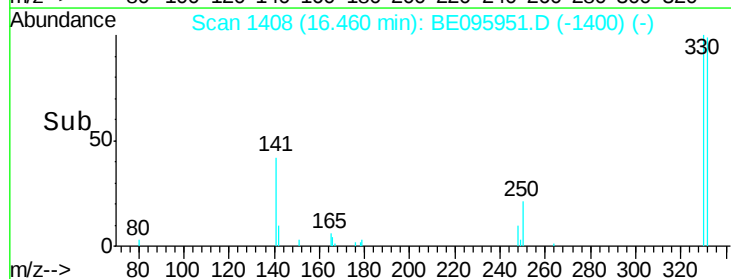
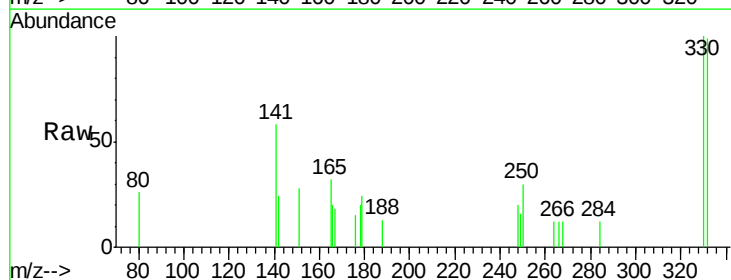
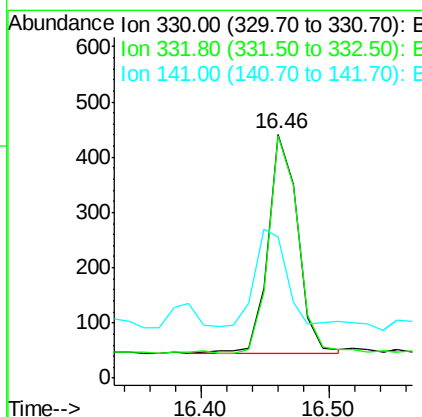
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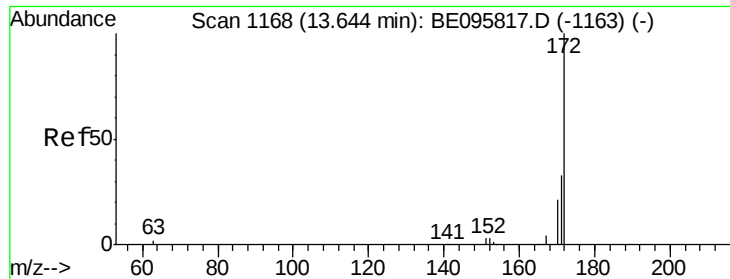
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#14
2,4,6-Tribromophenol
Concen: 0.766 ng
RT: 16.46 min Scan# 1408
Delta R.T. -0.01 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
330	100		
332	98.4	152.7	229.1#
141	48.7	33.7	50.5





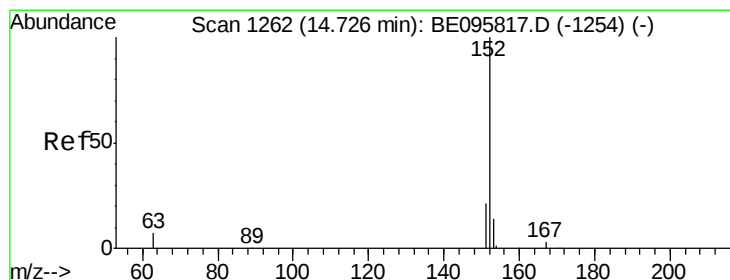
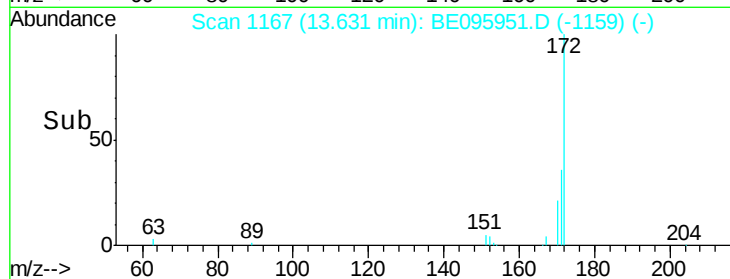
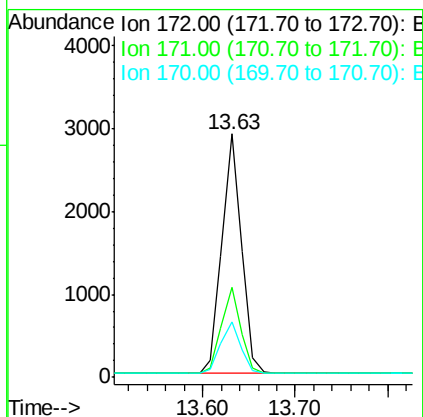
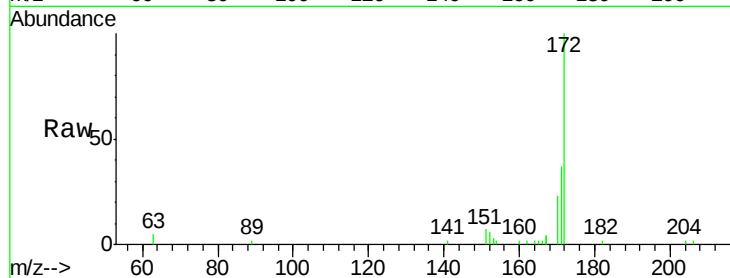
#15
2-Fluorobiphenyl
Concen: 0.707 ng
RT: 13.63 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Instrument :
BNA_E
ClientSampleId :
SB-2BRE

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	29.9	44.9
170	22.6	21.8	32.8

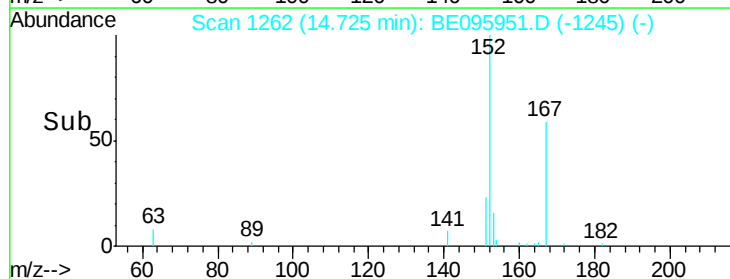
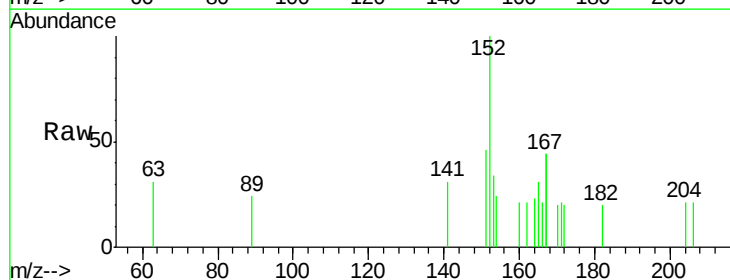
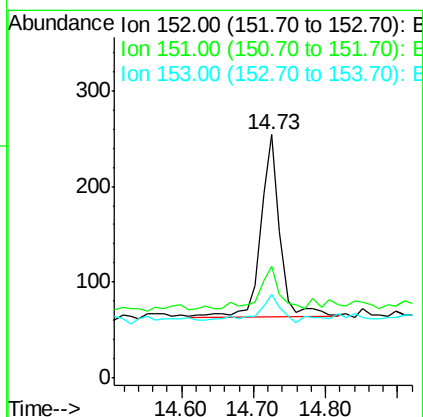
Manual Integrations
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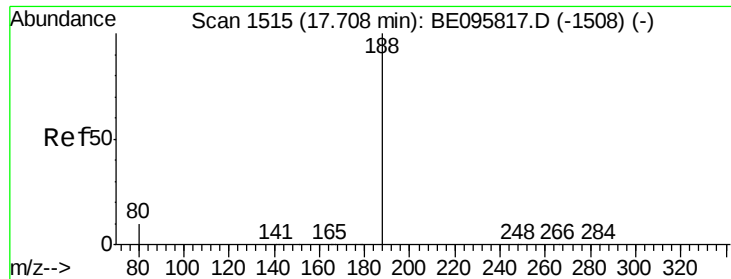
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#16
Acenaphthylene
Concen: 0.044 ng
RT: 14.73 min Scan# 1262
Delta R.T. -0.00 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.4	15.7	23.5
153	18.7	10.5	15.7#





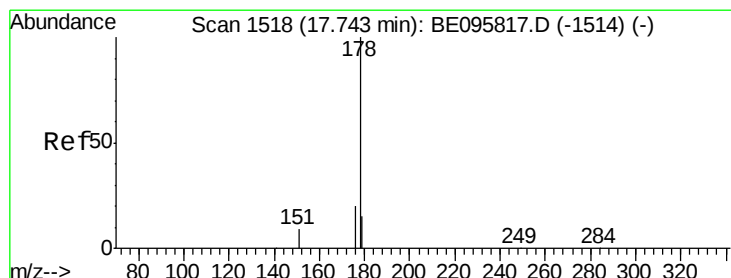
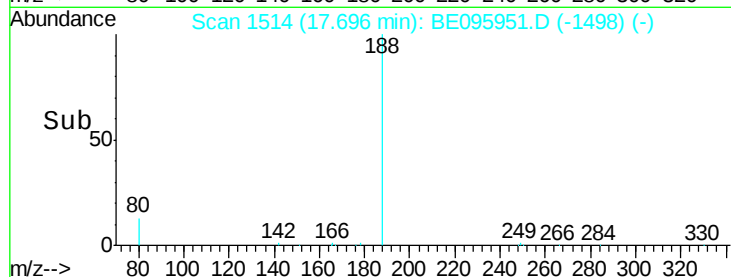
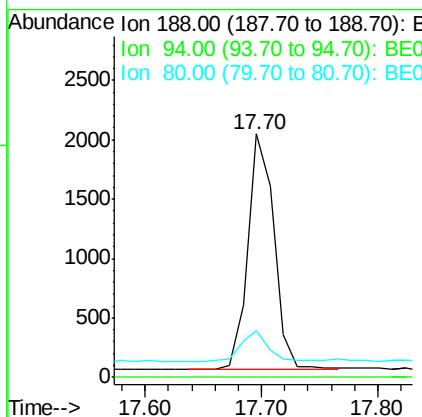
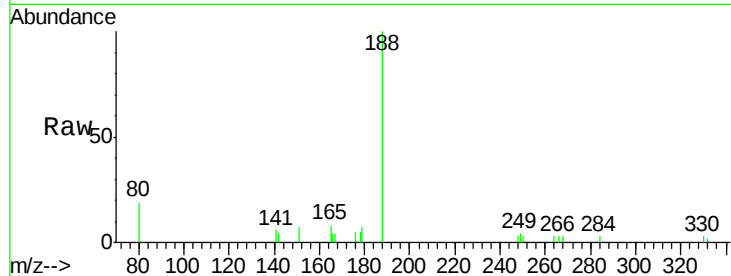
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.70 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Instrument :
BNA_E
ClientSampled :
SB-2BRE

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	0.0	3.9	5.9#
80	19.3	3.6	5.4#

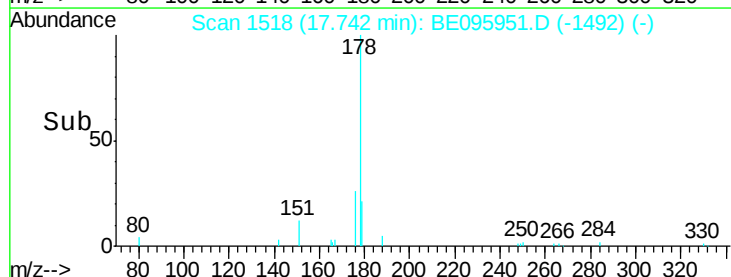
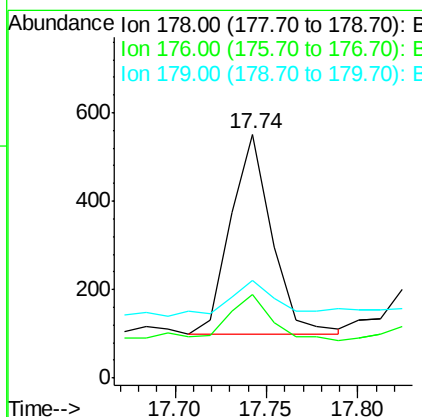
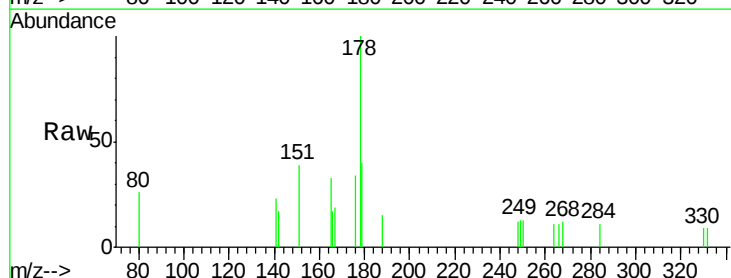
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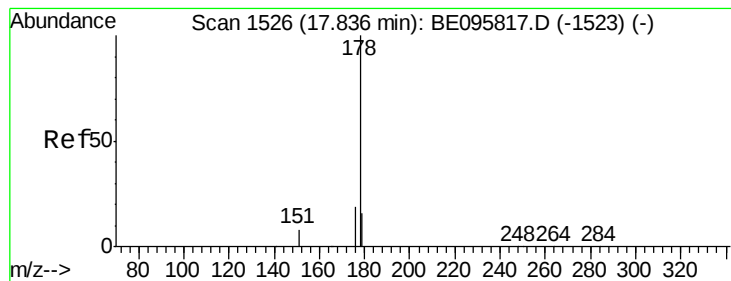
Sohil
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#23
Phenanthrene
Concen: 0.075 ng
RT: 17.74 min Scan# 1518
Delta R.T. -0.00 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Tgt Ion	Ratio	Resp Lower	Upper
178	100		
176	23.7	15.1	22.7#
179	15.6	11.8	17.6





#24

Anthracene

Concen: 0.024 ng

RT: 17.84 min Scan# 1526

Delta R.T. -0.00 min

Lab File: BE095951.D

Acq: 5 Apr 2018 10:32

Instrument :

BNA_E

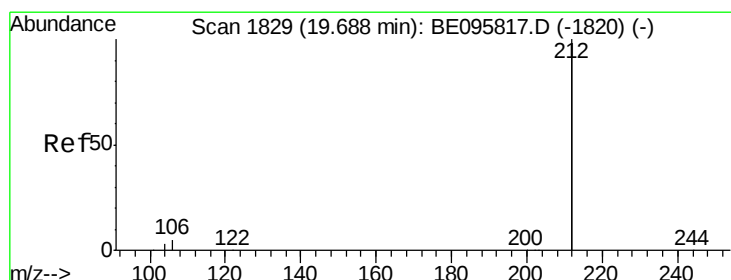
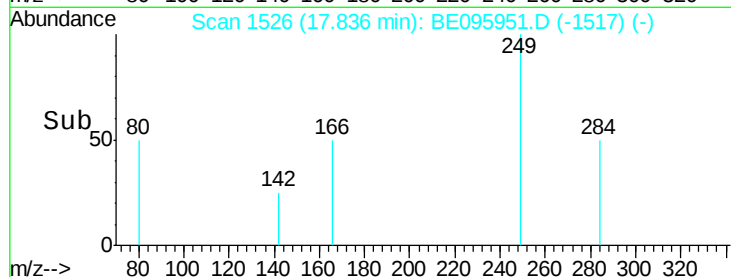
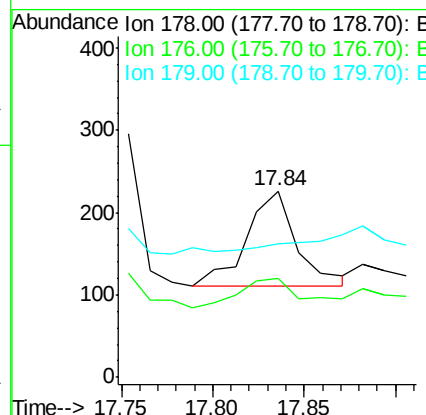
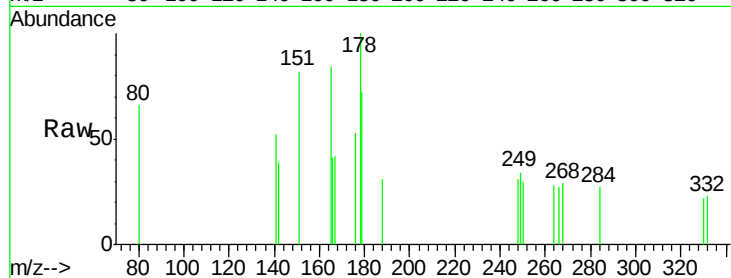
ClientSampleId :

SB-2BRE

Tot Ion:	178	Resp:	222
Ion Ratio	Lower	Upper	
178	100		
176	37.8	12.8	19.2#
179	0.0	13.0	19.6#

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#25

Fluoranthene-d10

Concen: 0.527 ng

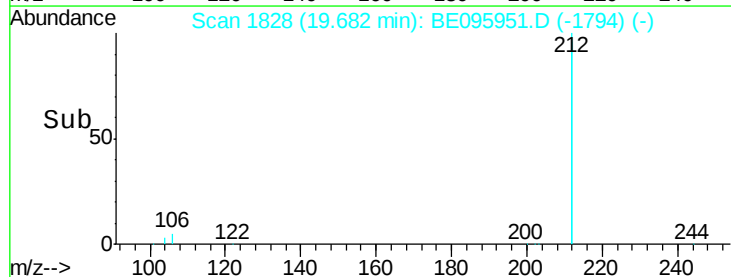
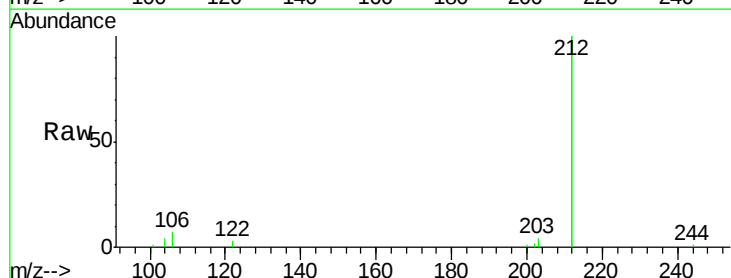
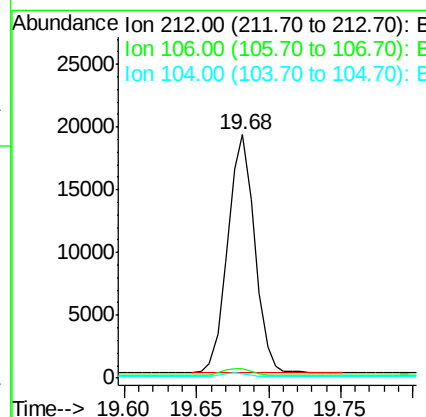
RT: 19.68 min Scan# 1828

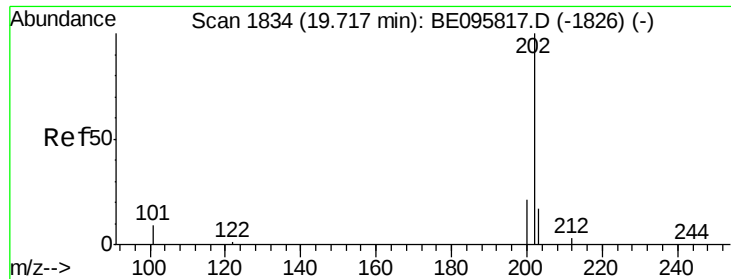
Delta R.T. -0.01 min

Lab File: BE095951.D

Acq: 5 Apr 2018 10:32

Tgt Ion:	212	Resp:	24610
Ion Ratio	Lower	Upper	
212	100		
106	3.5	2.8	4.2
104	1.8	1.6	2.4





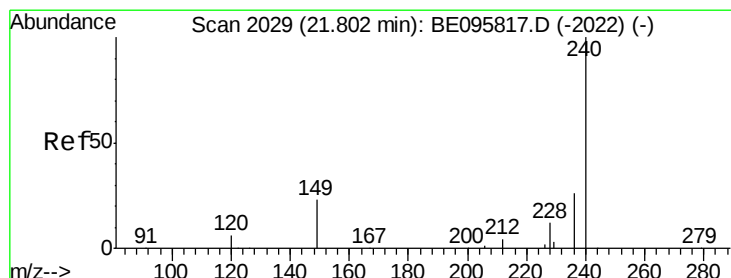
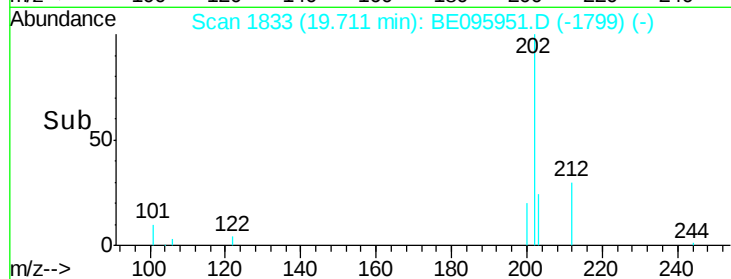
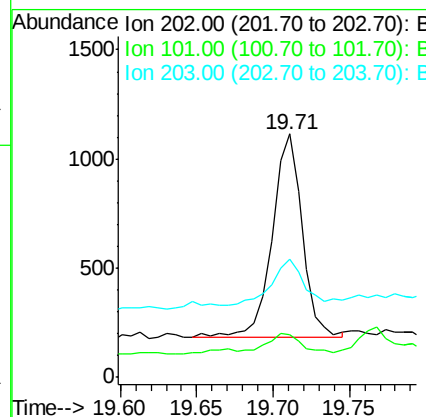
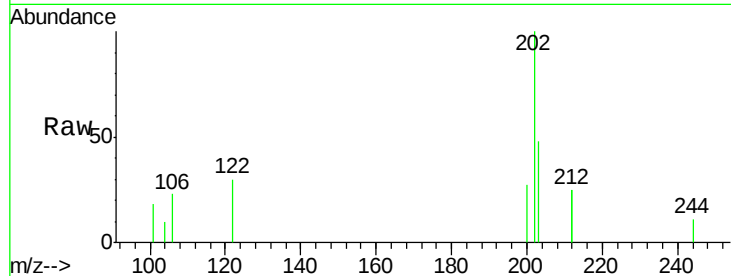
#26
 Fluoranthene
 Concen: 0.097 ng
 RT: 19.71 min Scan# 1833
 Delta R.T. -0.01 min
 Lab File: BE095951.D
 Acq: 5 Apr 2018 10:32

Instrument :
 BNA_E
 ClientSampled :
 SB-2BRE

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.8	14.8
203	25.3	13.7	20.5#

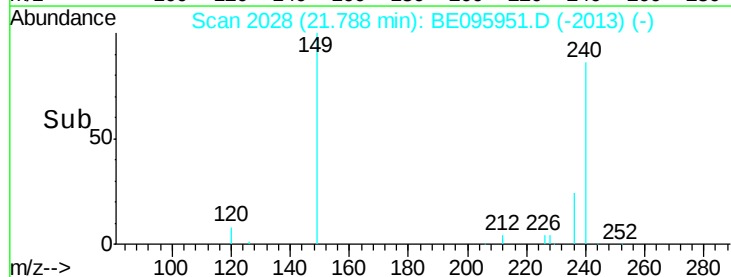
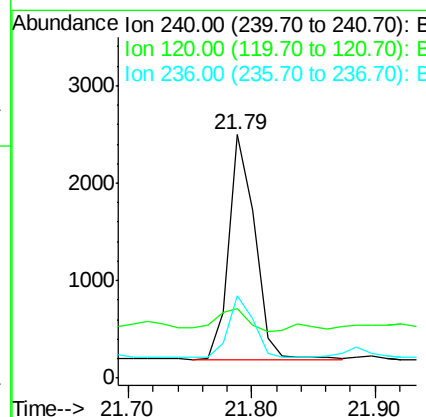
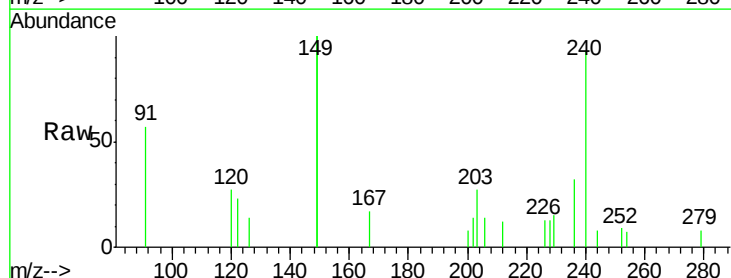
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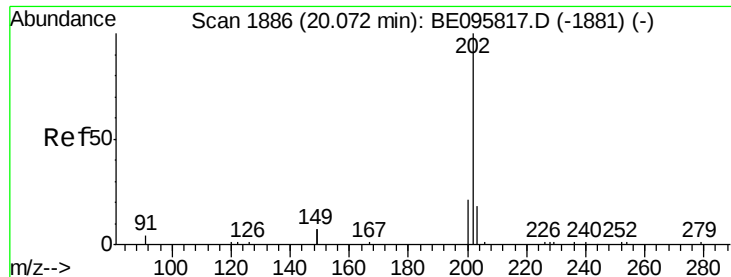
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.79 min Scan# 2028
 Delta R.T. -0.01 min
 Lab File: BE095951.D
 Acq: 5 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
240	100		
120	28.8	5.5	8.3#
236	34.0	20.7	31.1#





#28

Pvrene

Concen: 0.098 ng

RT: 20.06 min Scan# 1885

Delta R.T. -0.01 min

Lab File: BE095951.D

Acq: 5 Apr 2018 10:32

Instrument :

BNA_E

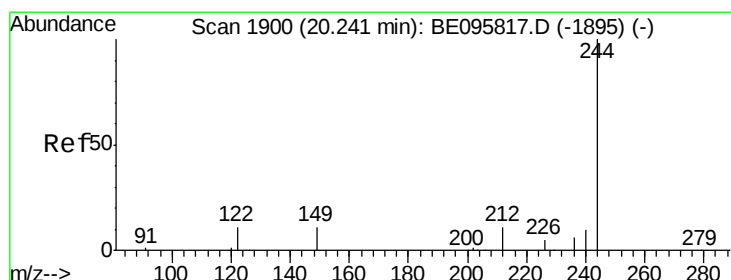
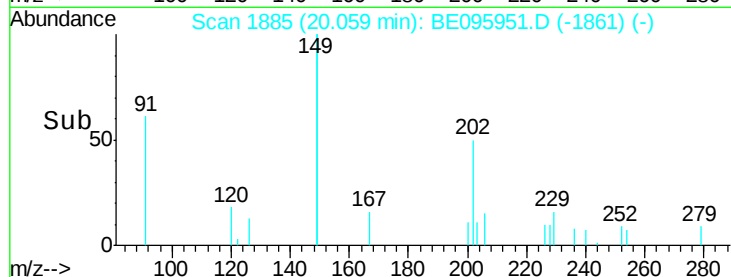
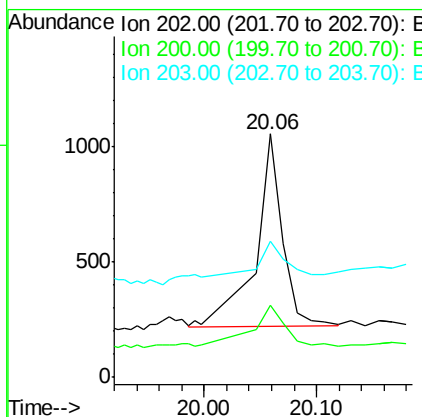
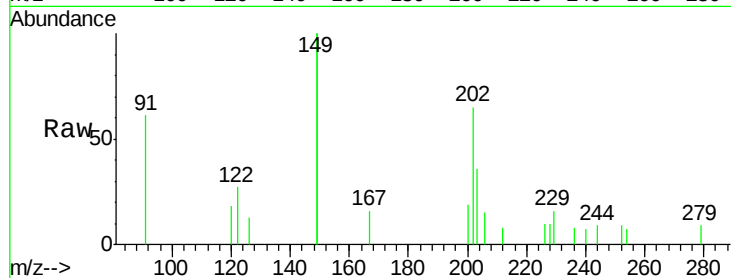
ClientSampleId :

SB-2BRE

Tot Ion:	202	Resp:	1370
Ion Ratio	Lower	Upper	
202	100		
200	28.1	16.6	25.0#
203	39.2	13.8	20.8#

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#29

Terphenyl-d14

Concen: 0.552 ng

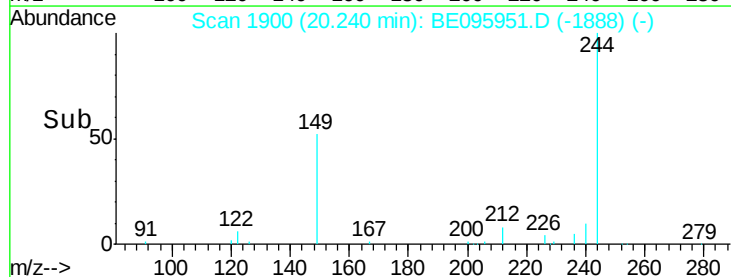
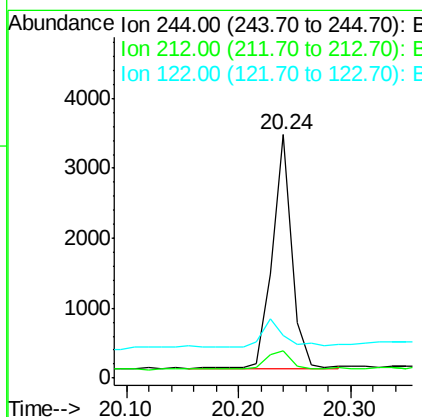
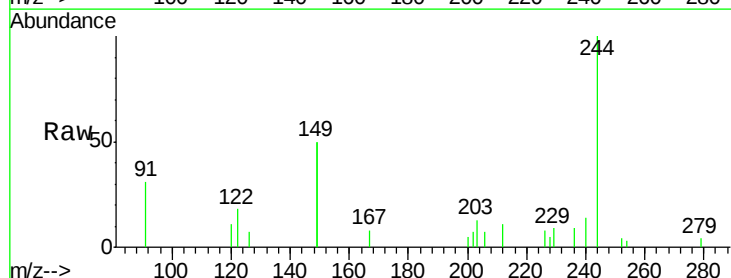
RT: 20.24 min Scan# 1900

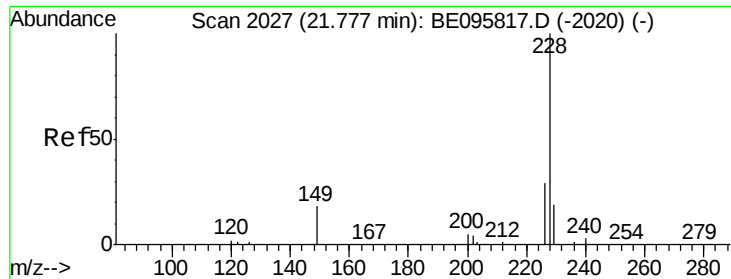
Delta R.T. -0.00 min

Lab File: BE095951.D

Acq: 5 Apr 2018 10:32

Tgt Ion:	244	Resp:	4016
Ion Ratio	Lower	Upper	
244	100		
212	11.0	25.4	38.0#
122	17.6	8.1	12.1#





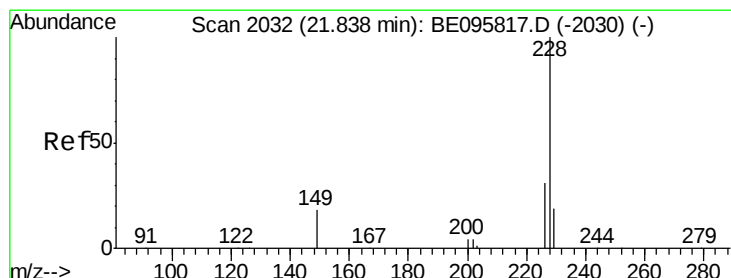
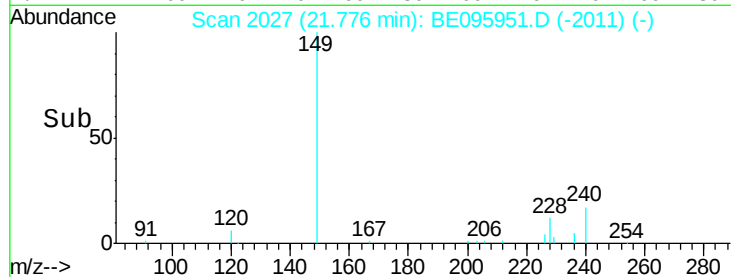
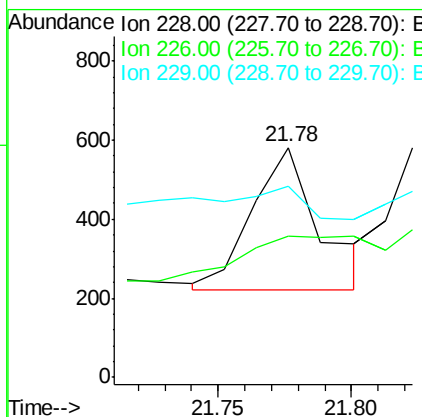
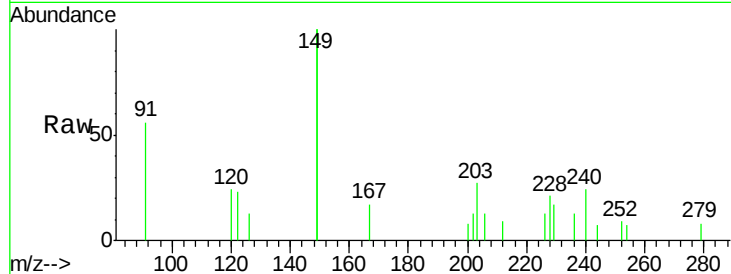
#30
Benzo(a)anthracene
Concen: 0.053 ng m
RT: 21.78 min Scan# 2027
Delta R.T. -0.00 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Instrument :
BNA_E
ClientSampleId :
SB-2BRE

Tot Ion	Ratio	Lower	Upper
228	100		
226	61.3	24.0	36.0#
229	83.2	16.0	24.0#

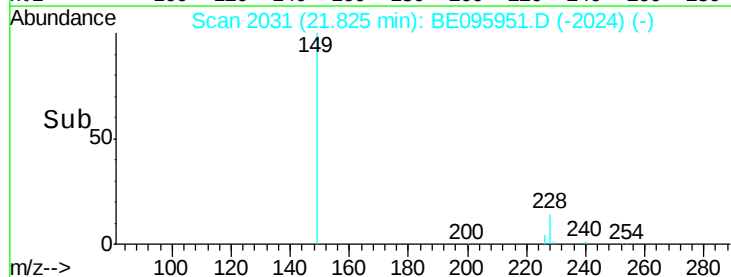
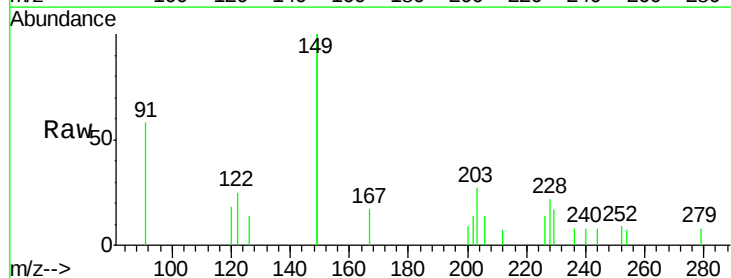
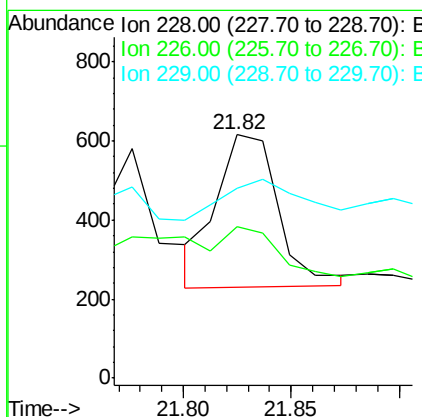
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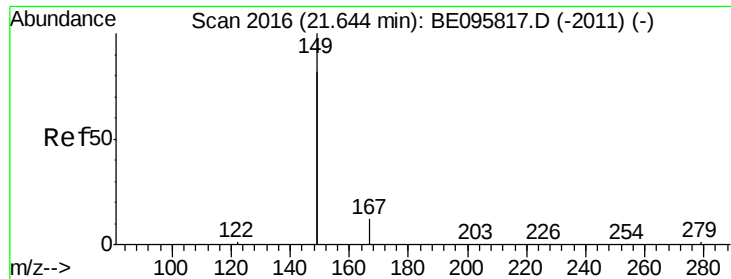
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#31
Chrysene
Concen: 0.070 ng m
RT: 21.82 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	62.0	24.0	36.0#
229	77.8	16.0	24.0#





#32

Bis(2-ethylhexyl)phthalate

Concen: 0.532 ng

RT: 21.64 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BE095951.D

Acq: 5 Apr 2018 10:32

Instrument :

BNA_E

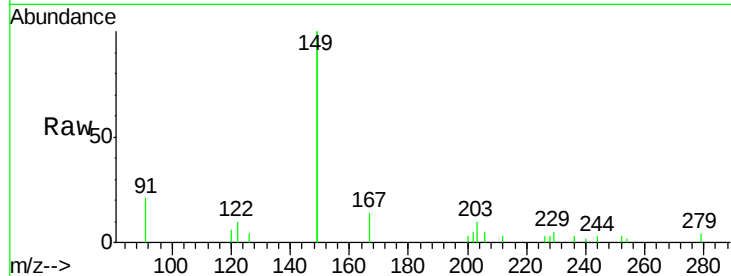
ClientSampleId :

SB-2BRE

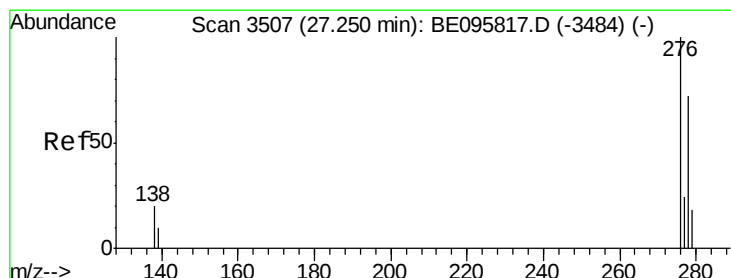
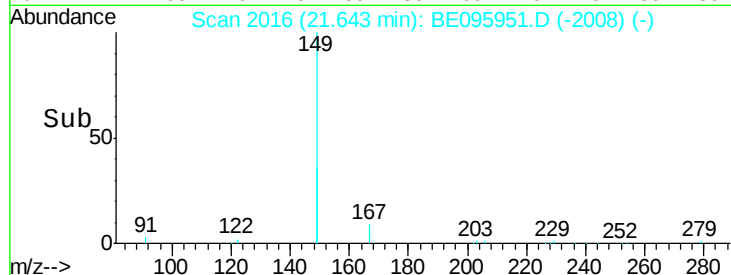
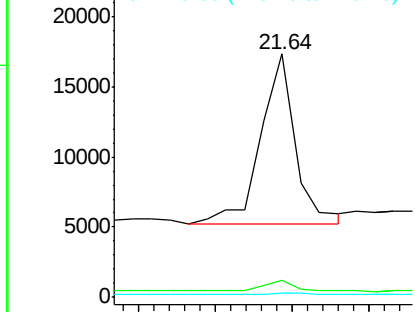
Tot Ion:	149	Resp:	19329
Ion Ratio	Lower	Upper	
149	100		
167	5.3	5.4	8.0#
279	1.1	0.7	1.1#

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Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



#33

Indeno(1,2,3-cd)pyrene

Concen: 0.079 ng

RT: 27.22 min Scan# 3499

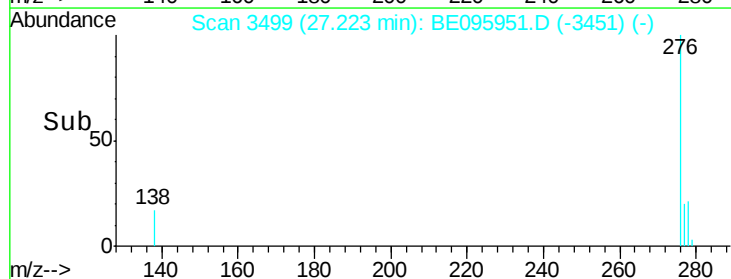
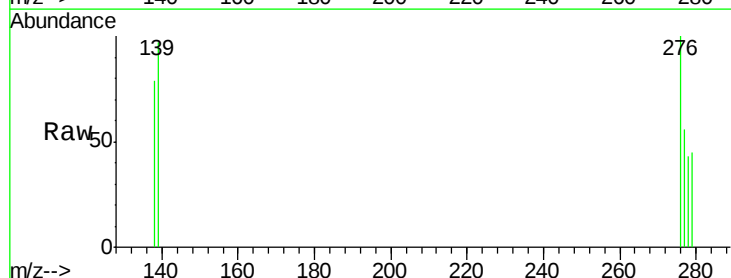
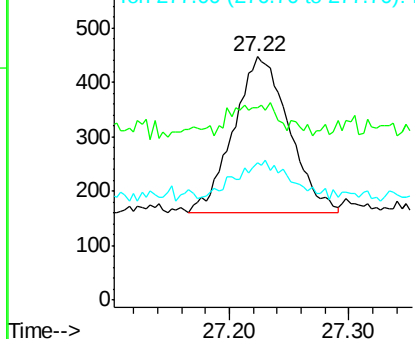
Delta R.T. -0.03 min

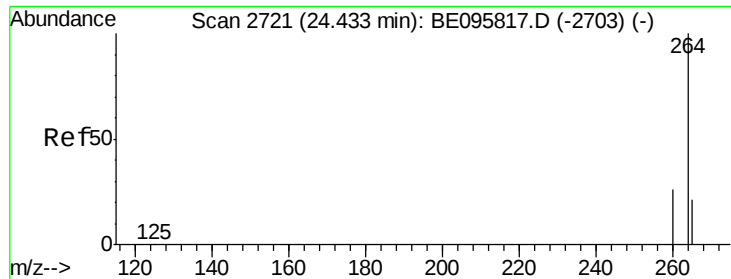
Lab File: BE095951.D

Acq: 5 Apr 2018 10:32

Tgt Ion:	276	Resp:	920
Ion Ratio	Lower	Upper	
276	100		
138	7.6	22.5	33.7#
277	26.6	19.9	29.9

Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





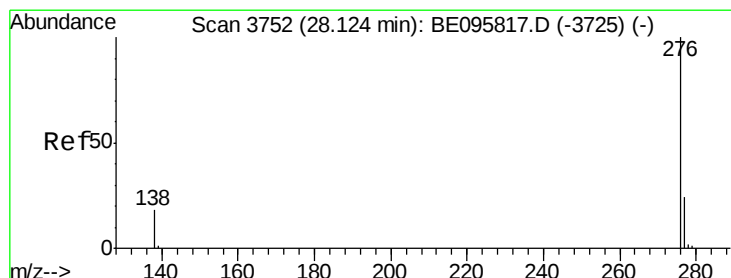
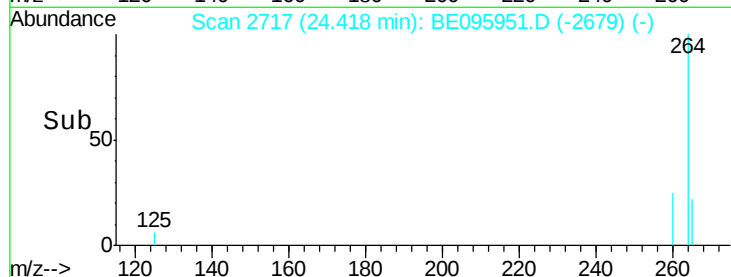
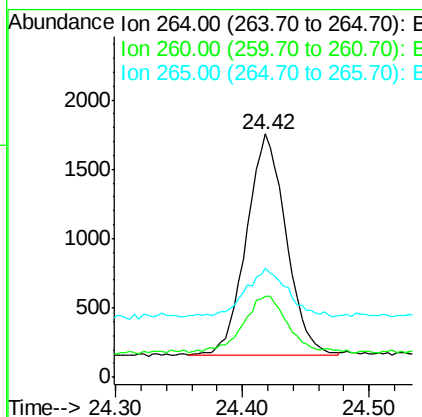
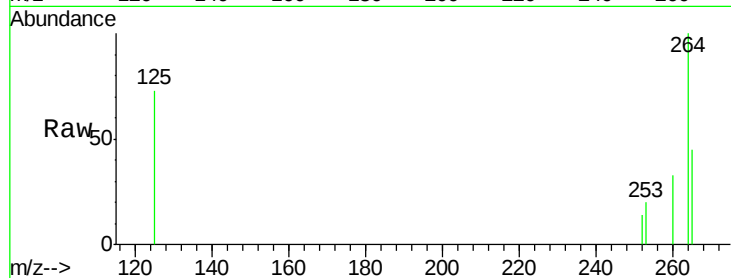
#34
Pervlene-d12
Concen: 0.400 ng
RT: 24.42 min Scan# 2717
Delta R.T. -0.01 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Instrument :
BNA_E
ClientSampleId :
SB-2BRE

Tot Ion	Ratio	Lower	Upper
264	100		
260	33.1	20.5	30.7#
265	44.7	22.8	34.2#

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#39
Benzo(g,h,i)perylene
Concen: 0.109 ng m
RT: 28.10 min Scan# 3746
Delta R.T. -0.02 min
Lab File: BE095951.D
Acq: 5 Apr 2018 10:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	52.1	16.0	24.0#
138	70.5	20.0	30.0#

