

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
 Data File : BE096260.D
 Acq On : 1 May 2018 16:52
 Operator : SJ/JU
 Sample : PB108594BSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB108594BSD

Manual Integrations
 APPROVED

Sohil
 5/2/2018 4:36:10 AM

Quant Time: May 02 02:41:29 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 14:27:29 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	894	0.40	ng	0.00
7) Naphthalene-d8	11.19	136	3304	0.40	ng	0.00
13) Acenaphthene-d10	14.95	164	1681	0.40	ng	0.00
19) Phenanthrene-d10	17.65	188	3932	0.40	ng	0.00
27) Chrysene-d12	21.74	240	4017	0.40	ng	0.00
34) Perylene-d12	24.35	264	3918	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.88	112	1019	0.37	ng	0.01
5) Phenol-d6	7.52	99	1394	0.37	ng	0.01
8) Nitrobenzene-d5	9.54	82	1408m	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	12.73	152	1818	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.41	330	212	0.26	ng	0.00
15) 2-Fluorobiphenyl	13.57	172	2760	0.38	ng	0.00
25) Fluoranthene-d10	19.64	212	19044	0.36	ng	0.00
29) Terphenyl-d14	20.19	244	2966	0.33	ng	0.00

Target Compounds

					Qvalue
2) 1,4-Dioxane	3.60	88	400	0.290 ng	# 65
3) n-Nitrosodimethylamine	3.95	42	712	0.421 ng	# 77
6) bis(2-Chloroethyl)ether	7.76	93	1153	0.343 ng	98
9) Naphthalene	11.24	128	13365	0.384 ng	99
10) Hexachlorobutadiene	11.50	225	427	0.277 ng	92
12) 2-Methylnaphthalene	12.81	142	2182	0.378 ng	96
16) Acenaphthylene	14.67	152	3347	0.373 ng	100
17) Acenaphthene	15.00	154	1956	0.363 ng	93
18) Fluorene	15.97	166	2582	0.387 ng	# 61
20) 4-Bromophenyl-phenylether	16.83	248	779	0.333 ng	# 70
21) Hexachlorobenzene	16.96	284	812	0.349 ng	# 81
22) Pentachlorophenol	17.31	266	180	0.303 ng	86
23) Phenanthrene	17.68	178	4268	0.386 ng	99
24) Anthracene	17.78	178	4204	0.398 ng	95
26) Fluoranthene	19.66	202	5628	0.388 ng	98
28) Pyrene	20.00	202	279	0.035 ng	# 65
30) Benzo(a)anthracene	21.73	228	5187	0.403 ng	98
31) Chrysene	21.79	228	5063	0.407 ng	98
32) Bis(2-ethylhexyl)phthalate	21.60	149	13548	0.407 ng	100
33) Indeno(1,2,3-cd)pyrene	27.13	276	5341	0.443 ng	94
35) Benzo(b)fluoranthene	23.54	252	5017	0.427 ng	# 93
36) Benzo(k)fluoranthene	23.60	252	4760	0.394 ng	# 90
37) Benzo(a)pyrene	24.23	252	4675	0.414 ng	# 91
38) Dibenzo(a,h)anthracene	27.15	278	4313	0.433 ng	95
39) Benzo(g,h,i)perylene	28.00	276	4429	0.420 ng	# 93

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

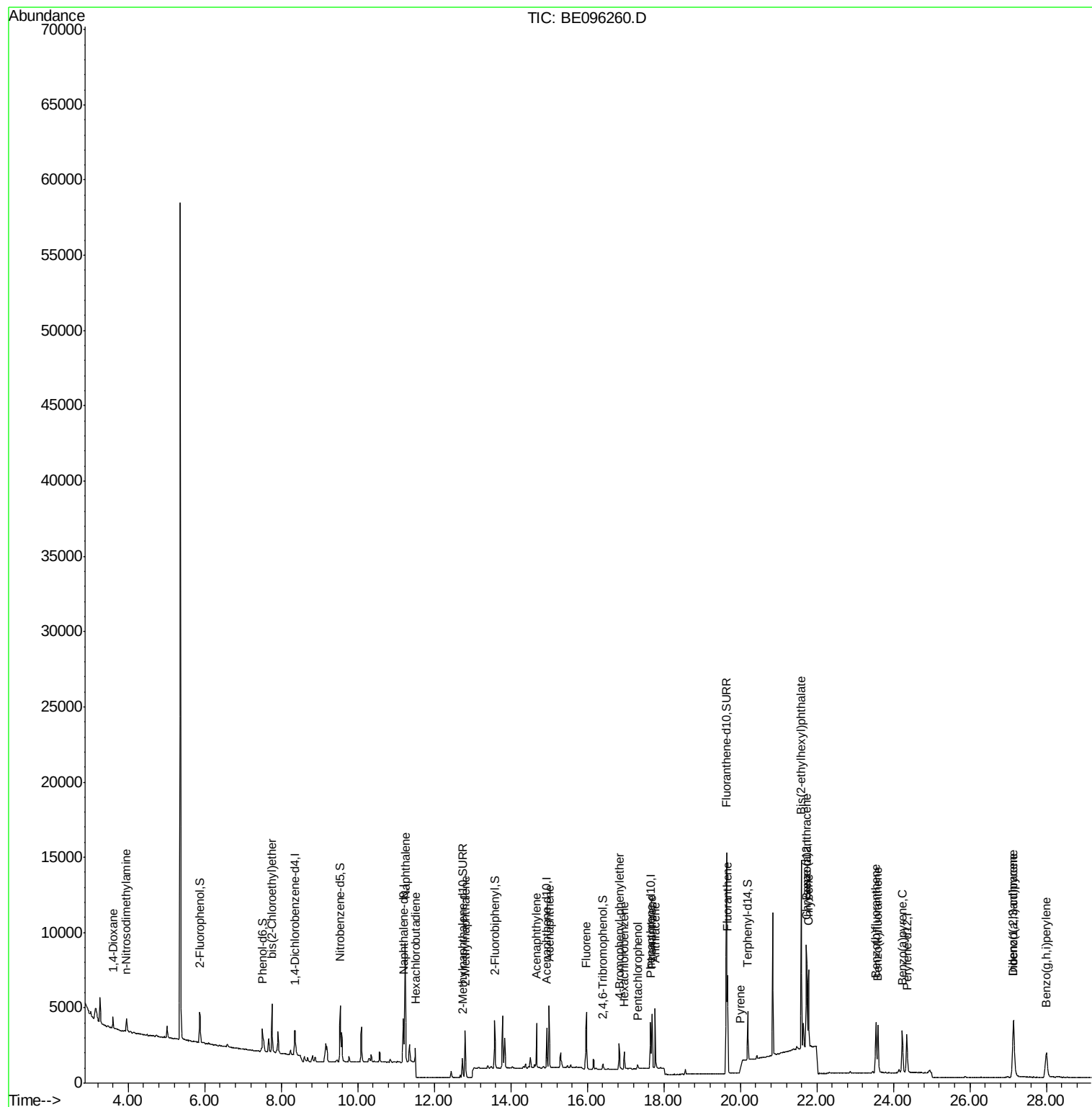
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE050118\
Data File : BE096260.D
Acq On : 1 May 2018 16:52
Operator : SJ/JU
Sample : PB108594BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

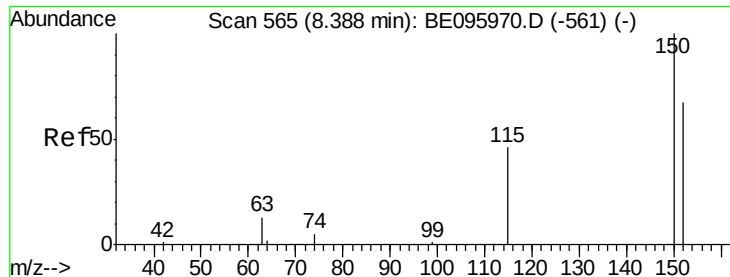
Instrument :
BNA_E
ClientSampleId :
PB108594BSD

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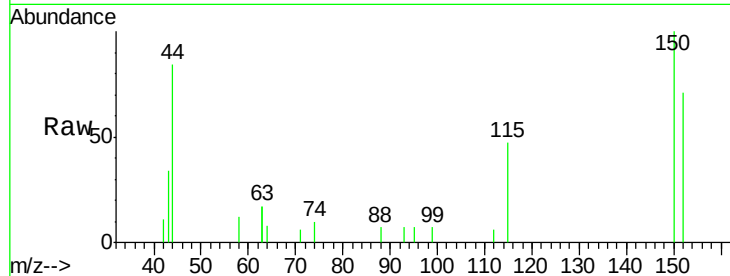
Quant Time: May 02 02:41:29 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE041118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 30 14:27:29 2018
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 0.400 ng
 RT: 8.36 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BE096260.D
 Acq: 1 May 2018 16:52

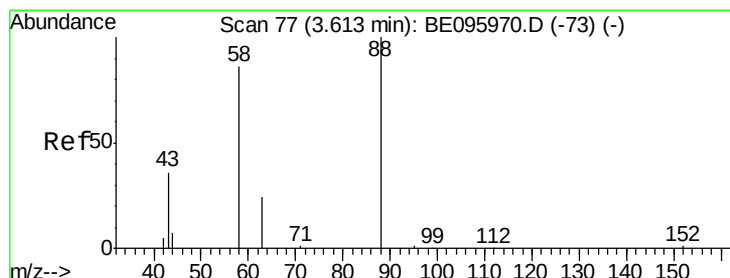
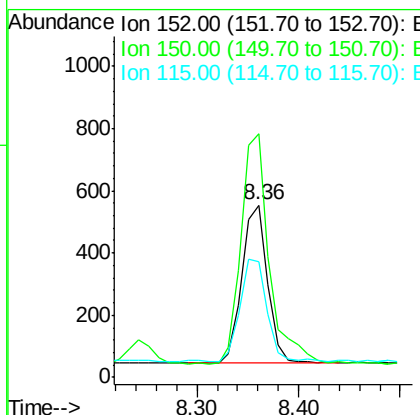
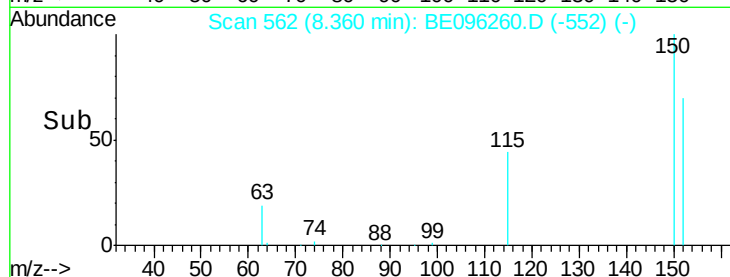
Instrument :
 BNA_E
 ClientSampleId :
 PB108594BSD



Tgt Ion:	152	Resp:	894
Ion	Ratio	Lower	Upper
152	100		
150	141.3	117.2	175.8
115	67.0	57.0	85.6

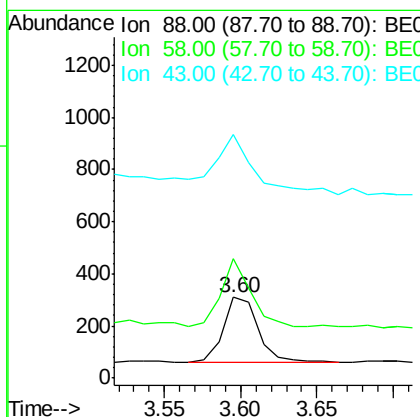
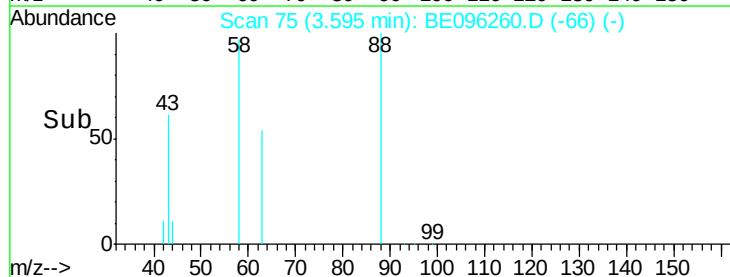
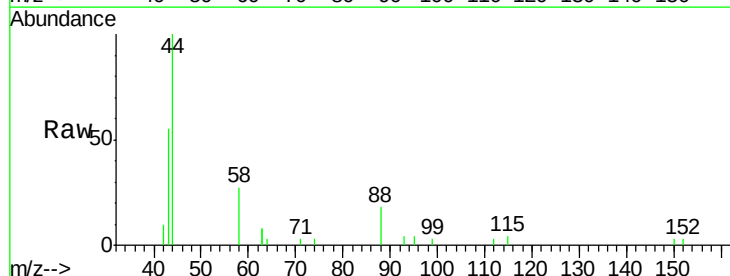
Manual Integrations
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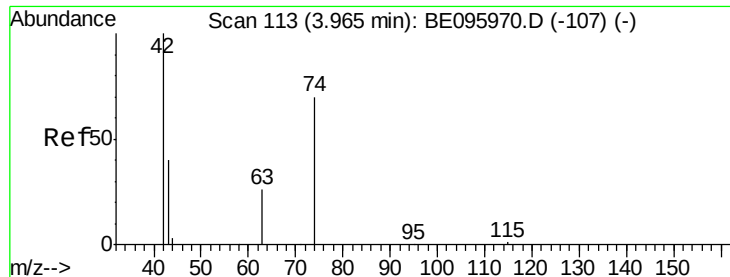
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#2
 1,4-Dioxane
 Concen: 0.290 ng
 RT: 3.60 min Scan# 75
 Delta R.T. -0.01 min
 Lab File: BE096260.D
 Acq: 1 May 2018 16:52

Tgt Ion:	88	Resp:	400
Ion	Ratio	Lower	Upper
88	100		
58	87.3	63.2	94.8
43	103.8	41.2	61.8#





#3

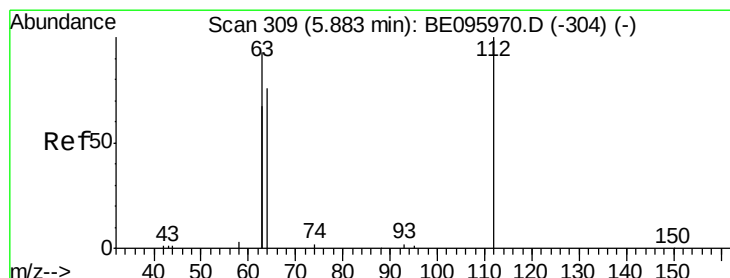
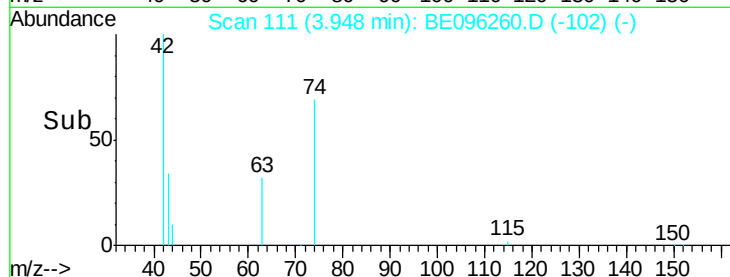
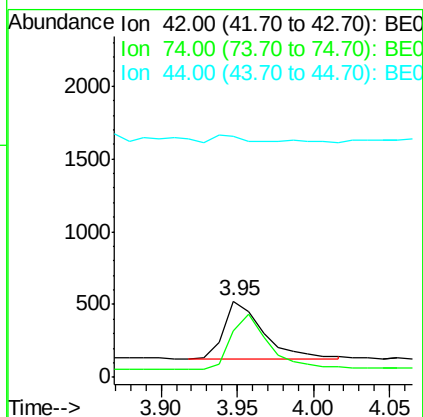
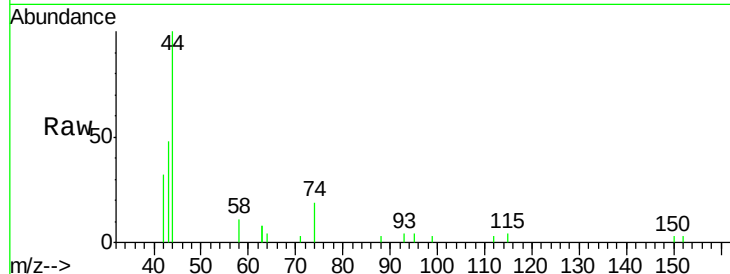
n-Nitrosodimethylamine
 Concen: 0.421 ng
 RT: 3.95 min Scan# 111
 Delta R.T. -0.01 min
 Lab File: BE096260.D
 Acq: 1 May 2018 16:52

Instrument :
 BNA_E
 ClientSampleId :
 PB108594BSD

Tgt Ion:	42	Resp:	712
Ion	Ratio	Lower	Upper
42	100		
74	93.3	96.0	144.0#
44	10.3	12.0	18.0#

Manual Integrations
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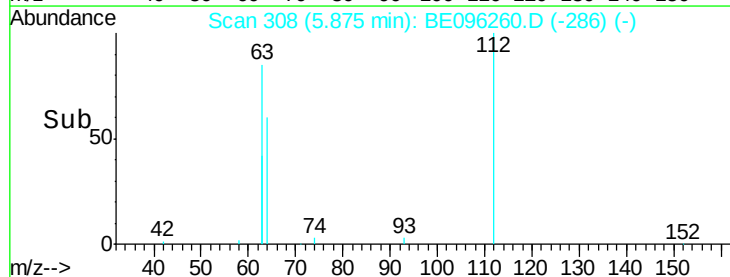
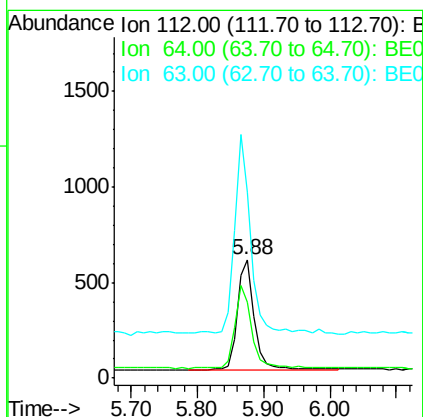
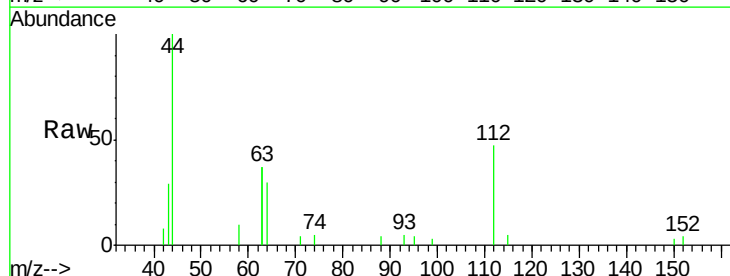
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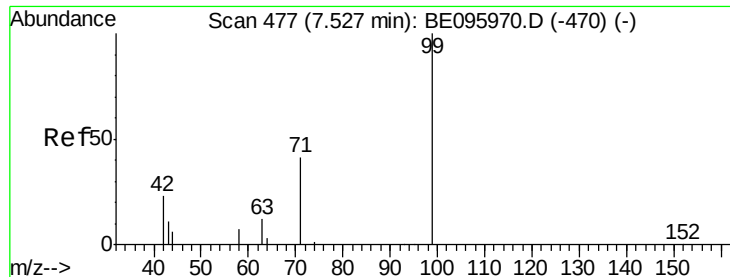


#4

2-Fluorophenol
 Concen: 0.369 ng
 RT: 5.88 min Scan# 308
 Delta R.T. 0.01 min
 Lab File: BE096260.D
 Acq: 1 May 2018 16:52

Tgt Ion:	112	Resp:	1019
Ion	Ratio	Lower	Upper
112	100		
64	75.8	60.1	90.1
63	181.2	116.8	175.2#





#5

Phenol-d6

Concen: 0.365 ng

RT: 7.52 min Scan# 476

Delta R.T. 0.01 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Instrument :

BNA_E

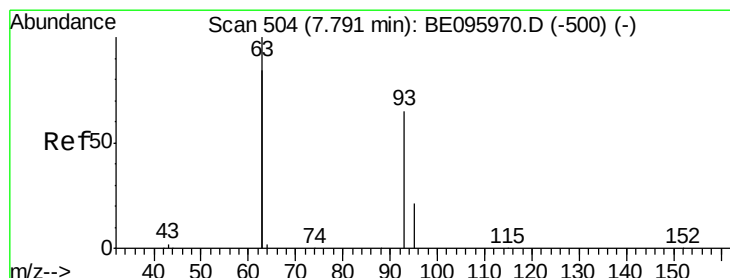
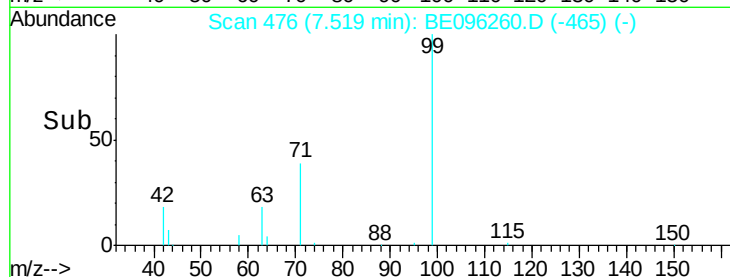
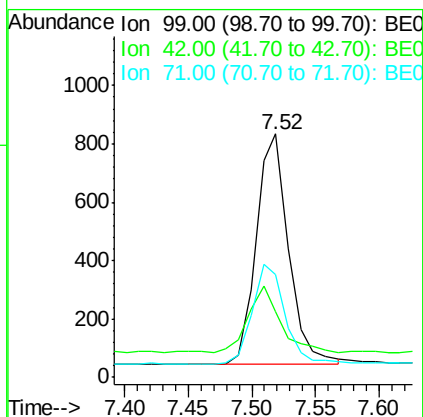
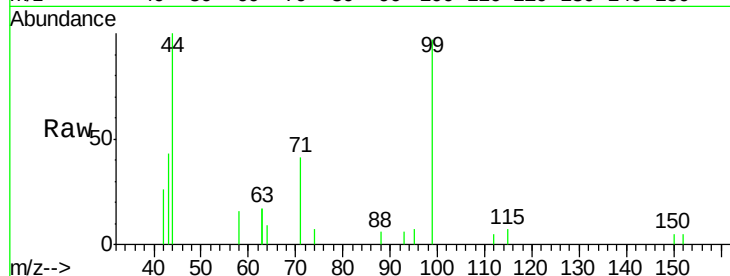
ClientSampleId :

PB108594BSD

Tgt Ion:	99	Resp:	1394
Ion	Ratio	Lower	Upper
99	100		
42	29.8	20.2	30.2
71	44.3	28.4	42.6#

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#6

bis(2-Chloroethyl)ether

Concen: 0.343 ng

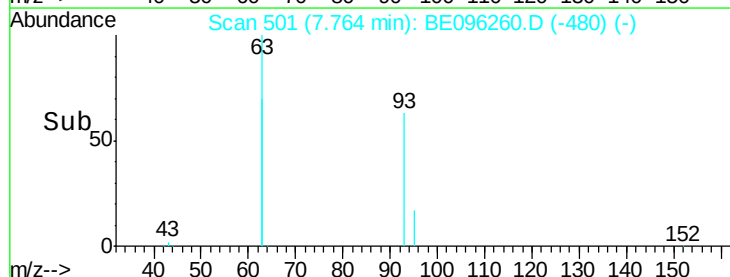
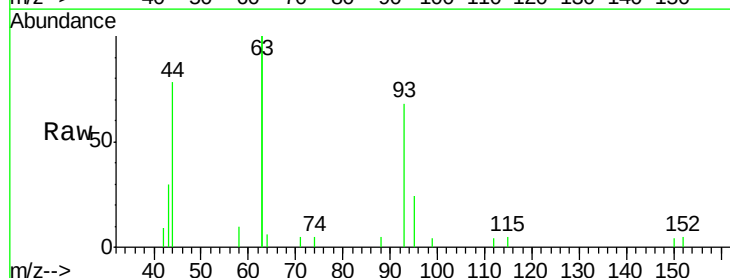
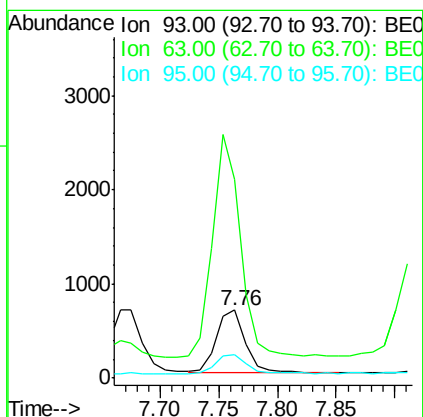
RT: 7.76 min Scan# 501

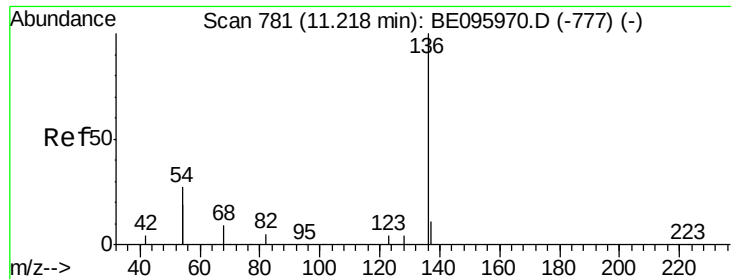
Delta R.T. 0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Tgt Ion:	93	Resp:	1153
Ion	Ratio	Lower	Upper
93	100		
63	339.9	275.3	412.9
95	32.2	25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.19 min Scan# 779

Delta R.T. -0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Instrument :

BNA_E

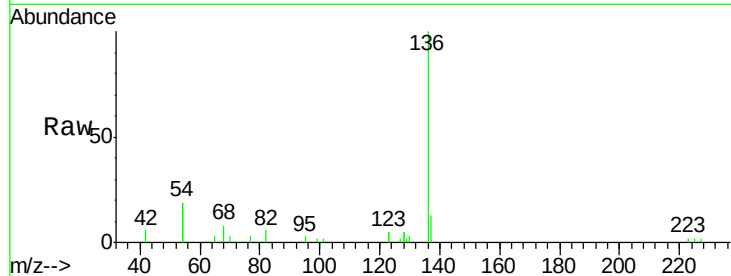
ClientSampleId :

PB108594BSD

Tgt Ion	Ratio	Lower	Upper
136	100		
137	13.3	9.5	14.3
54	39.0	29.1	43.7
68	7.7	6.2	9.2

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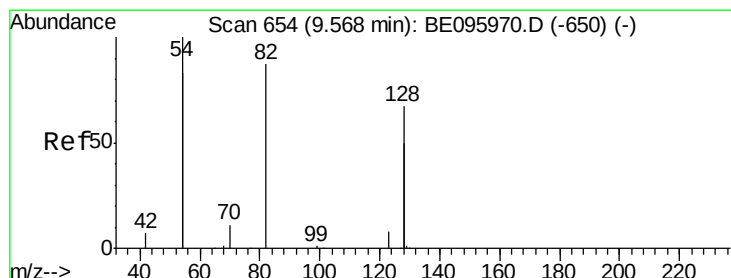
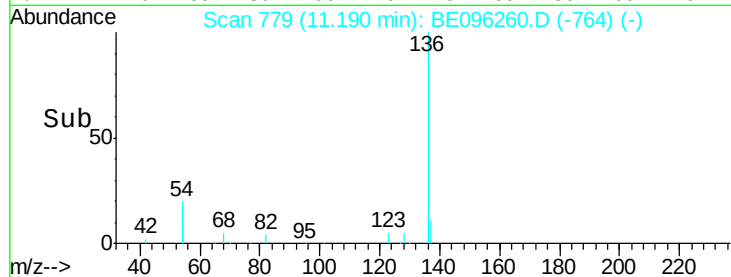
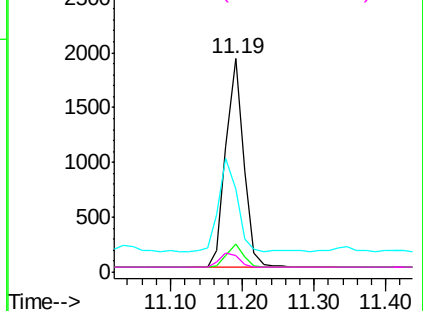


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.363 ng m

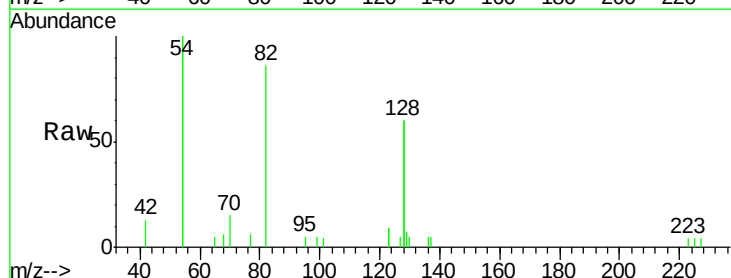
RT: 9.54 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

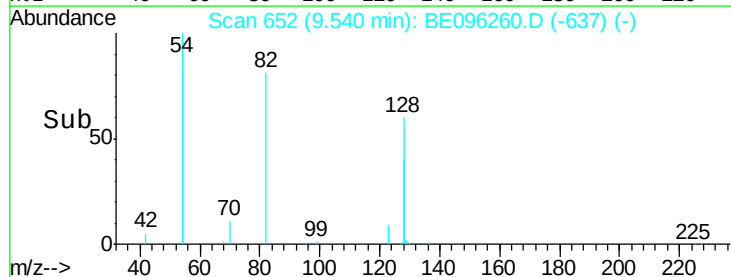
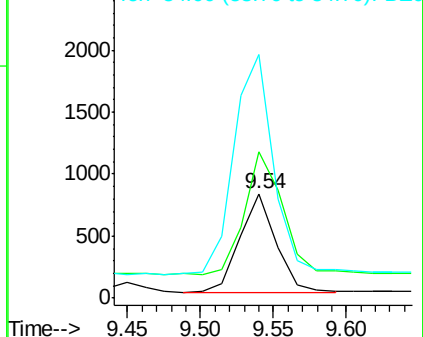
Tgt Ion	Ratio	Lower	Upper
82	100		
128	70.4	150.0	225.0#
54	116.8	154.2	231.4#

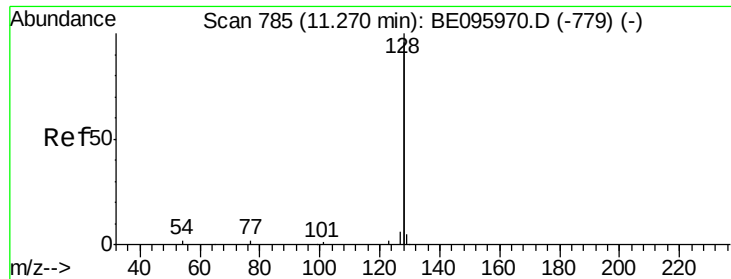


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.384 ng

RT: 11.24 min Scan# 783

Delta R.T. -0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Instrument :

BNA_E

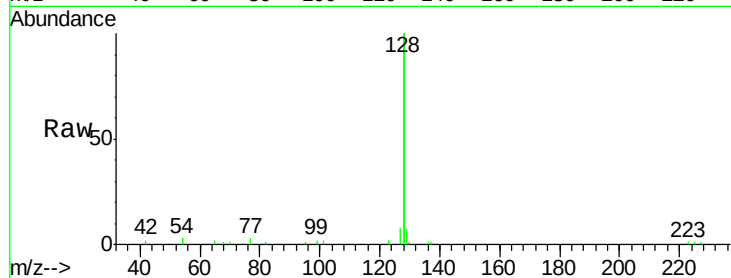
ClientSampleId :

PB108594BSD

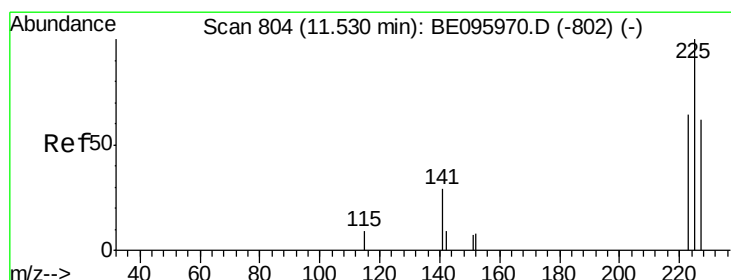
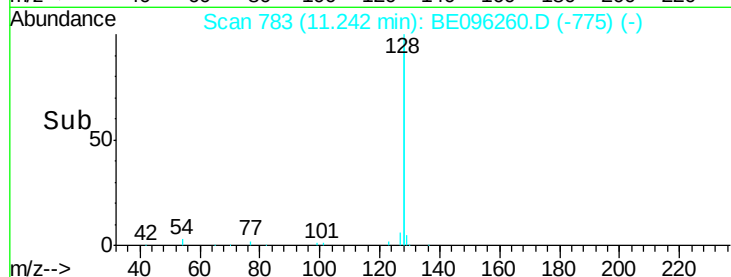
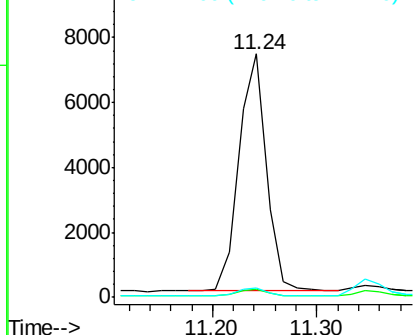
Tgt Ion:	128	Resp:	13365
Ion Ratio	Lower	Upper	
128	100		
129	3.3	2.6	3.8
127	3.8	2.8	4.2

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.277 ng

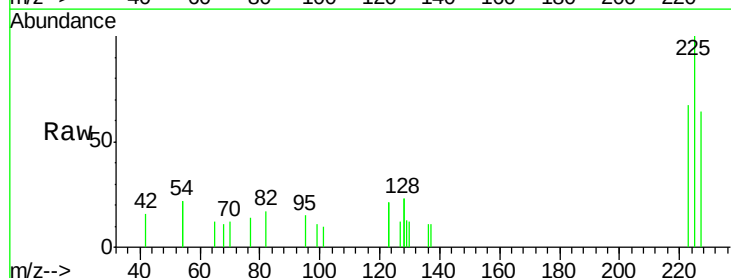
RT: 11.50 min Scan# 803

Delta R.T. -0.00 min

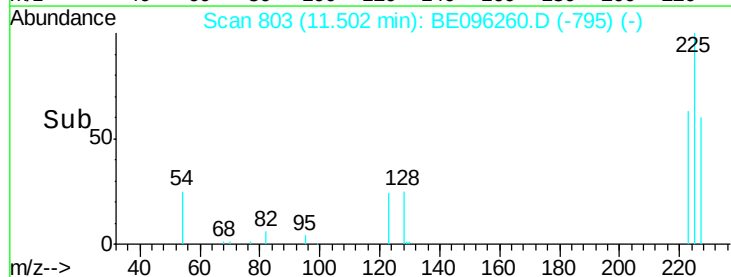
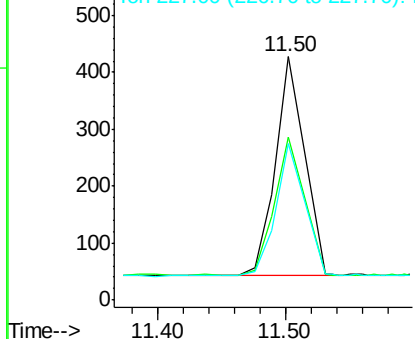
Lab File: BE096260.D

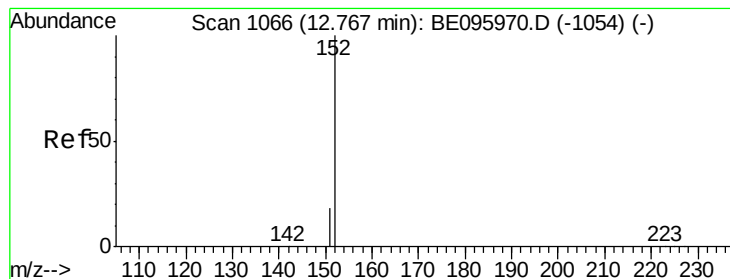
Acq: 1 May 2018 16:52

Tgt Ion:	225	Resp:	427
Ion Ratio	Lower	Upper	
225	100		
223	64.9	53.0	79.6
227	52.7	51.4	77.2



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





#11

2-Methylnaphthalene-d10

Concen: 0.347 ng

RT: 12.73 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Instrument :

BNA_E

ClientSampleId :

PB108594BSD

Tgt Ion:152 Resp: 1818

Ion Ratio Lower Upper

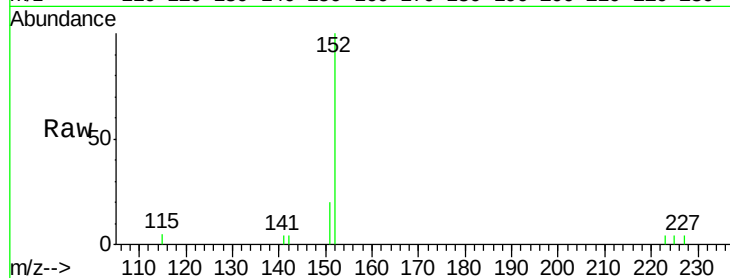
152 100

151 19.5 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

12.73

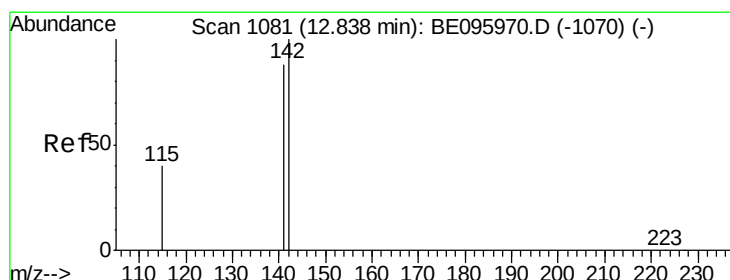
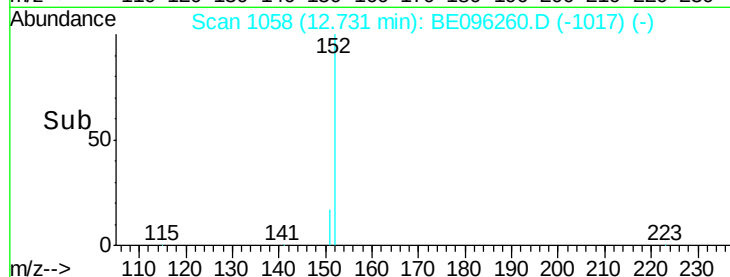
1000

500

0

12.70 12.80

Time-->



#12

2-Methylnaphthalene

Concen: 0.378 ng

RT: 12.81 min Scan# 1074

Delta R.T. -0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

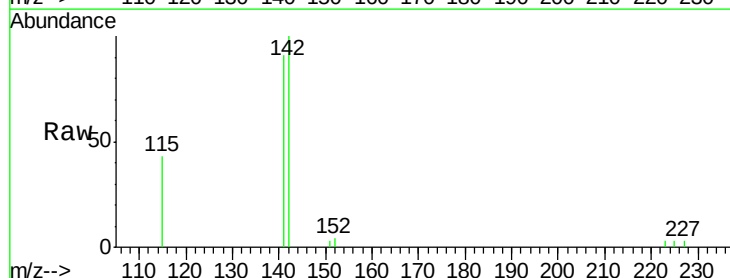
Tgt Ion:142 Resp: 2182

Ion Ratio Lower Upper

142 100

141 90.9 70.4 105.6

115 42.9 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

12.81

1500

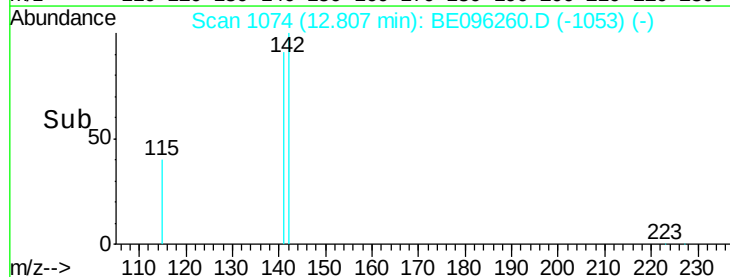
1000

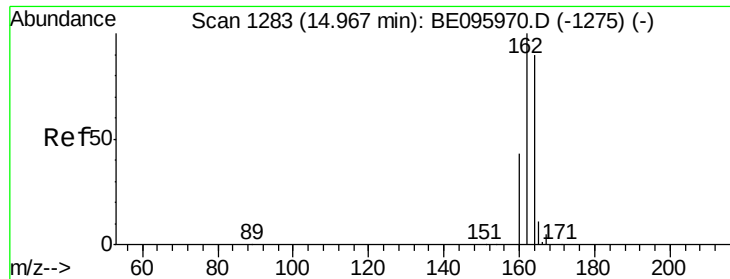
500

0

12.70 12.80 12.90

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.95 min Scan# 1281

Delta R.T. 0.00 min

Lab File: BE096260.D

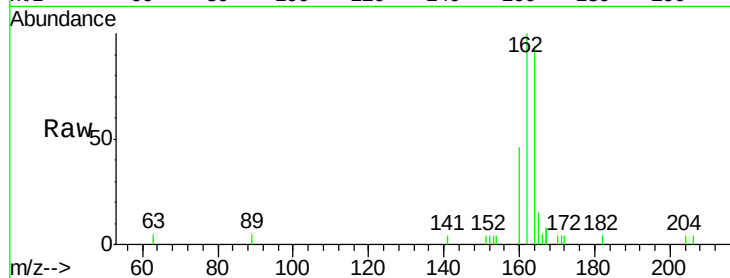
Acq: 1 May 2018 16:52

Instrument :

BNA_E

ClientSampled :

PB108594BSD



Tgt Ion:164 Resp: 1681

Ion Ratio Lower Upper

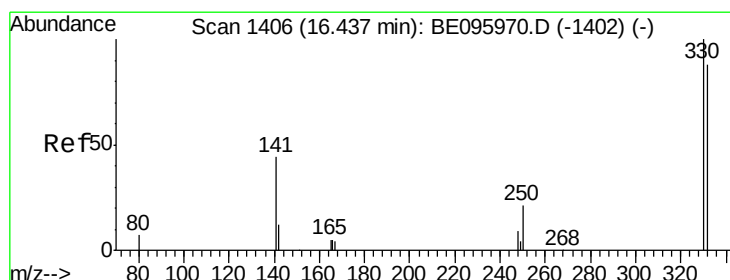
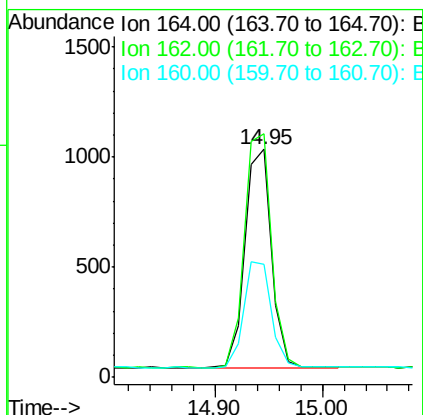
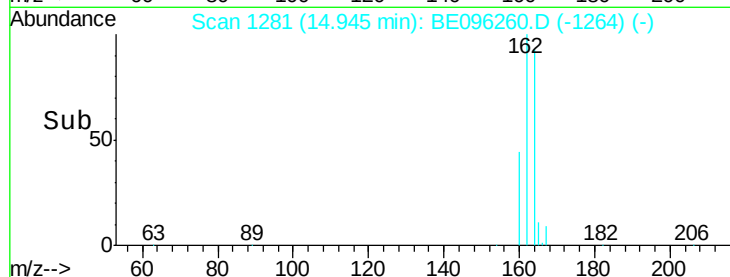
164 100

162 106.9 83.1 124.7

160 49.5 37.1 55.7

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Sohil
5/2/2018 4:36:10 AM



#14

2,4,6-Tribromophenol

Concen: 0.261 ng

RT: 16.41 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

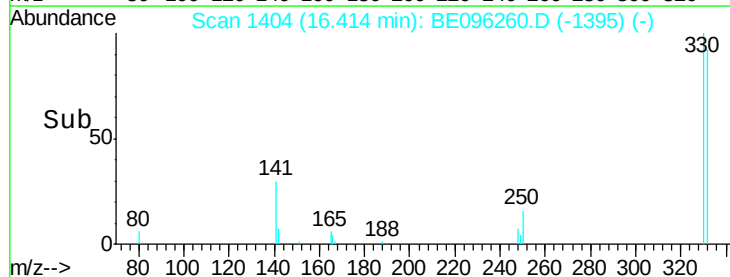
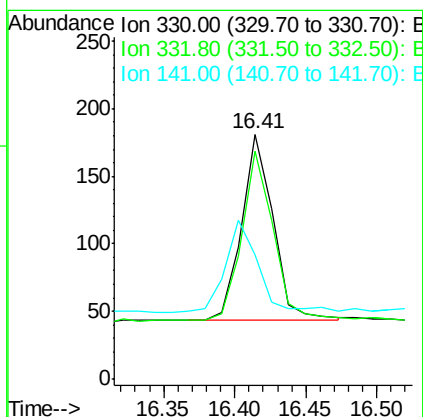
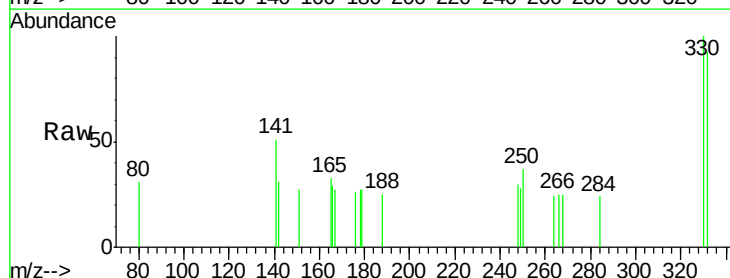
Tgt Ion:330 Resp: 212

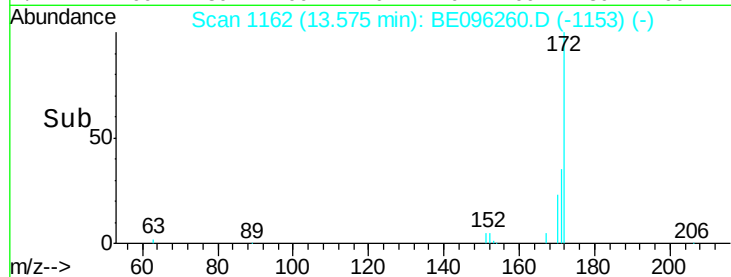
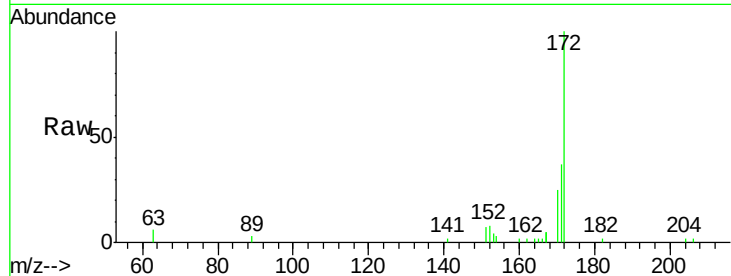
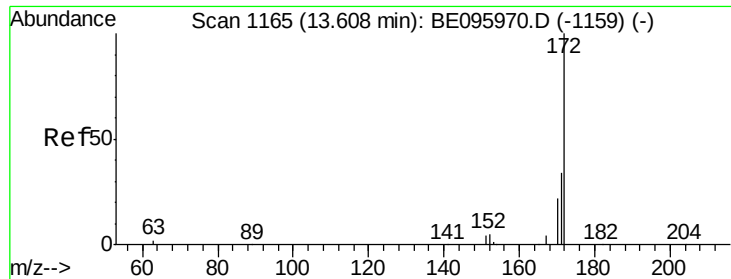
Ion Ratio Lower Upper

330 100

332 91.0 152.7 229.1#

141 52.4 33.7 50.5#





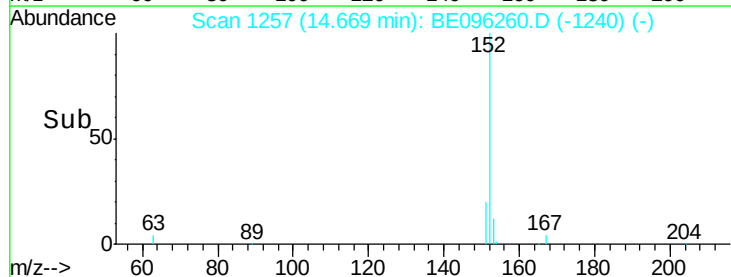
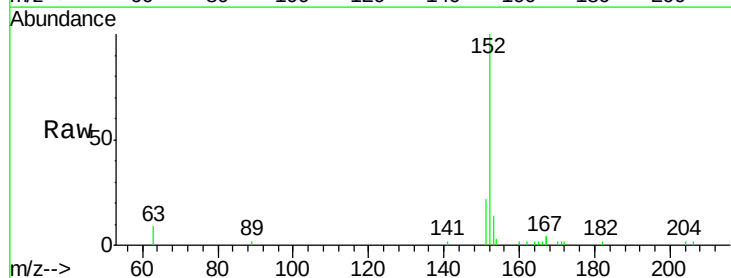
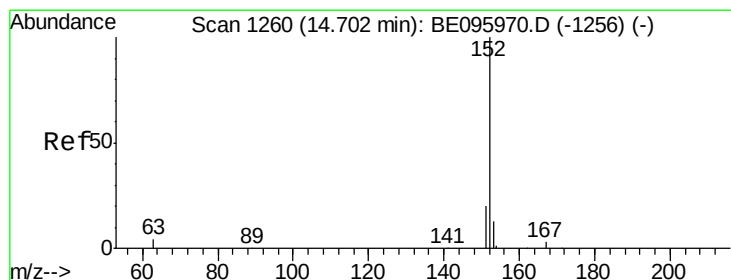
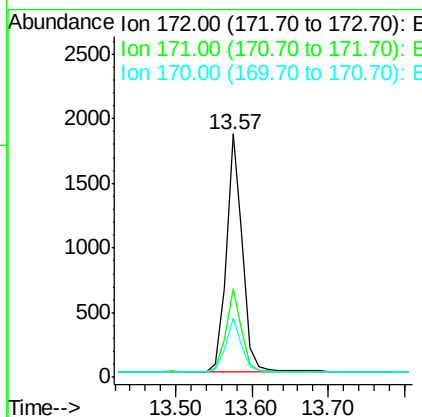
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 13.57 min Scan# 1162
Delta R.T. 0.00 min
Lab File: BE096260.D
Acq: 1 May 2018 16:52

Instrument :
BNA_E
ClientSampleId :
PB108594BSD

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.7	29.9	44.9
170	24.5	21.8	32.8

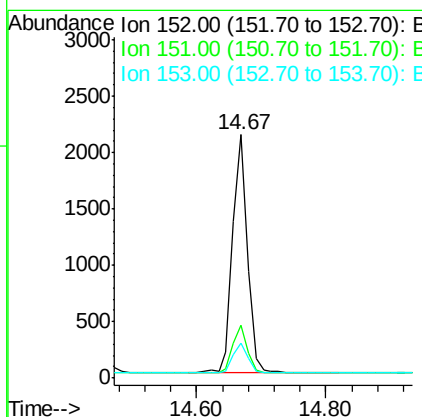
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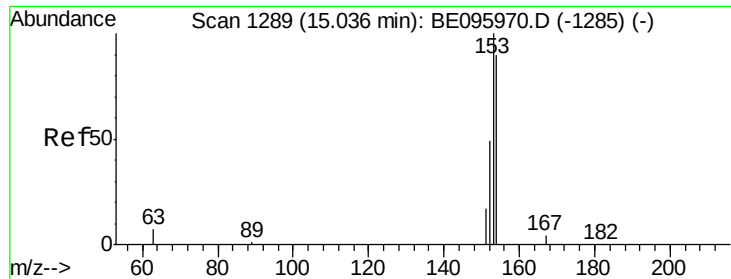
Sohil
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#16
Acenaphthylene
Concen: 0.373 ng
RT: 14.67 min Scan# 1257
Delta R.T. 0.00 min
Lab File: BE096260.D
Acq: 1 May 2018 16:52

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.7	23.5
153	13.1	10.5	15.7





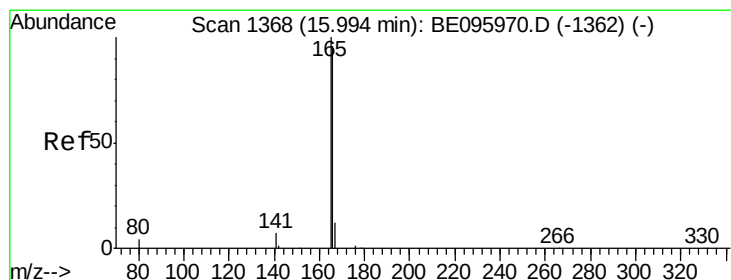
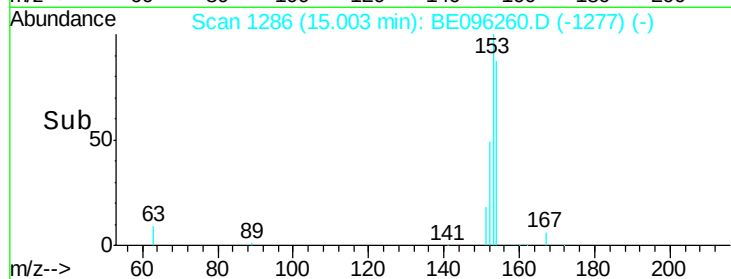
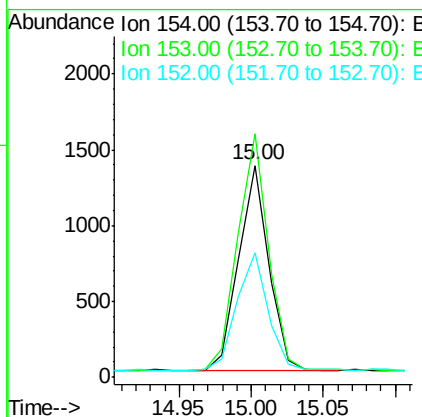
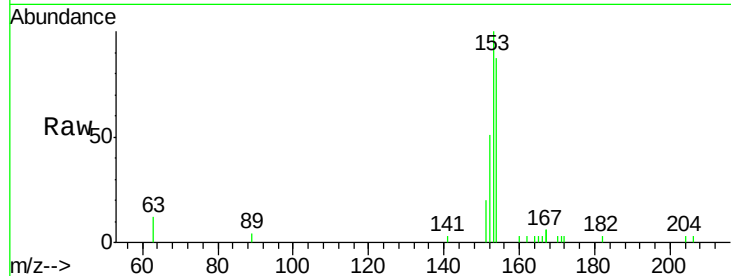
#17
Acenaphthene
Concen: 0.363 ng
RT: 15.00 min Scan# 1286
Delta R.T. 0.00 min
Lab File: BE096260.D
Acq: 1 May 2018 16:52

Instrument :
BNA_E
ClientSampleId :
PB108594BSD

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	1956		
153	117.9	89.2	133.8	
152	59.5	42.0	63.0	

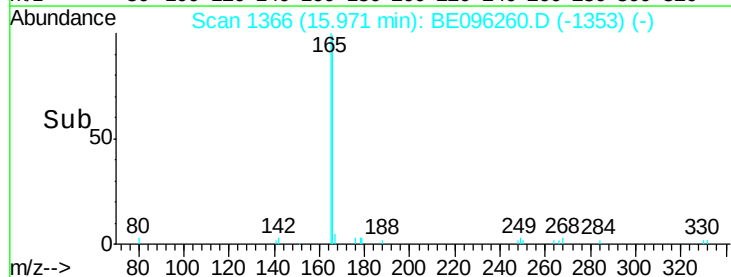
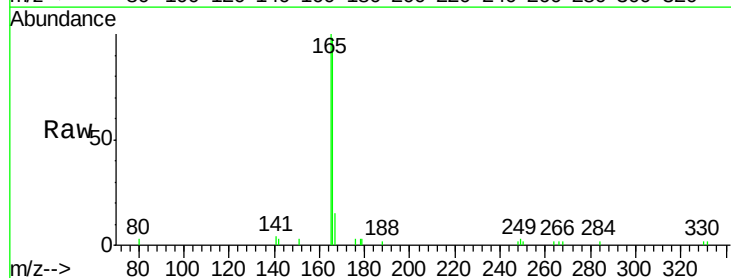
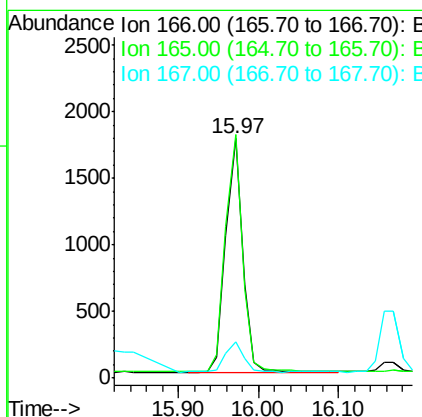
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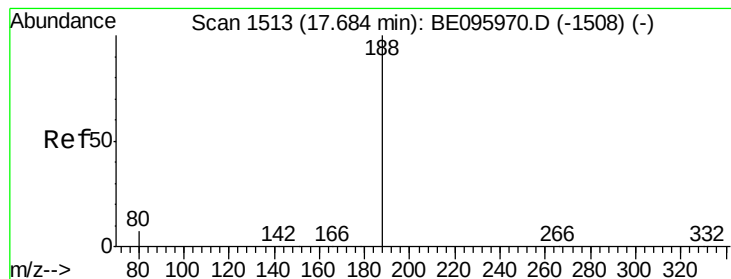
Sohil
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#18
Fluorene
Concen: 0.387 ng
RT: 15.97 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BE096260.D
Acq: 1 May 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	2582		
165	126.2	77.8	116.6#	
167	13.7	42.4	63.6#	





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.65 min Scan# 1510

Delta R.T. 0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Instrument :

BNA_E

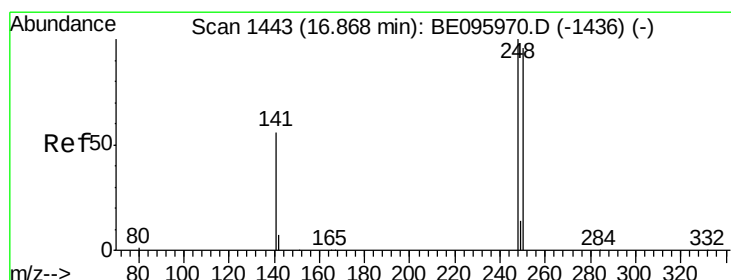
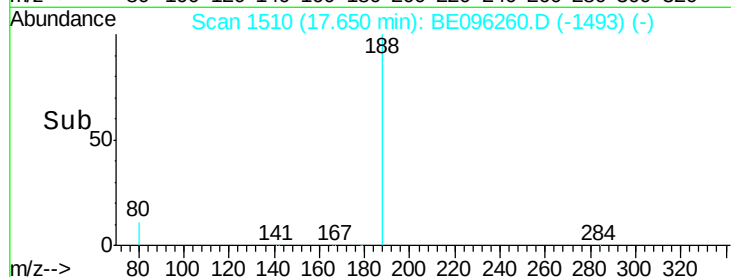
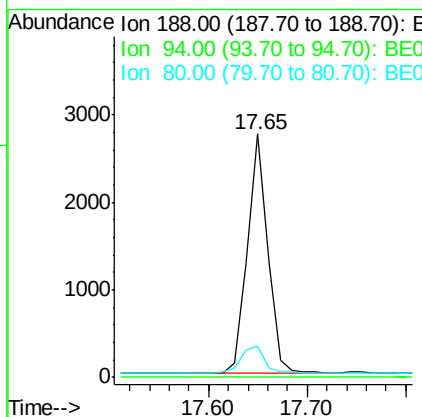
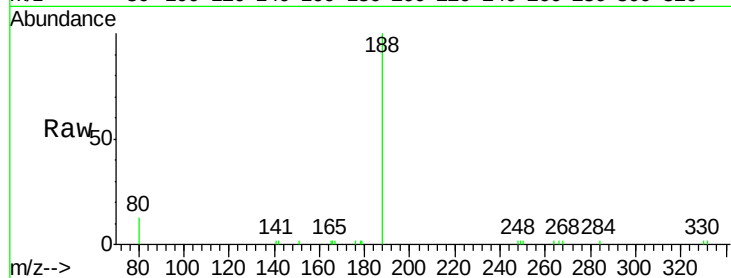
ClientSampleId :

PB108594BSD

Tgt Ion:	188	Resp:	3932
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	12.7	3.6	5.4#

Manual Integrations
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Sohil
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#20

4-Bromophenyl-phenylether

Concen: 0.333 ng

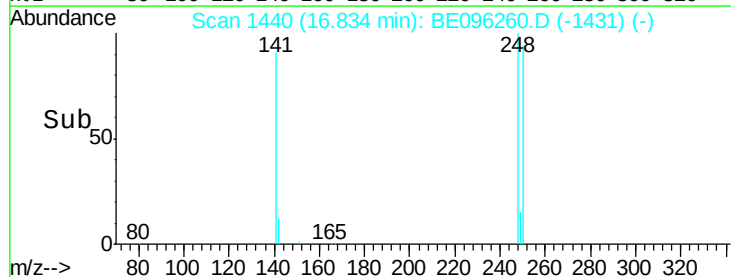
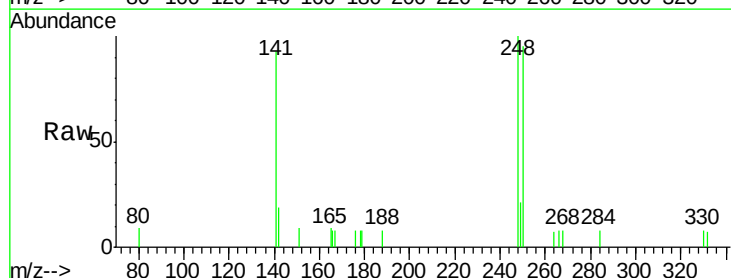
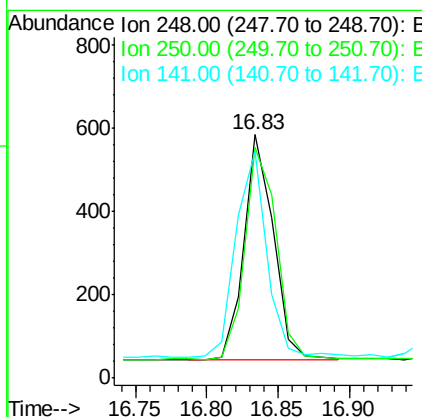
RT: 16.83 min Scan# 1440

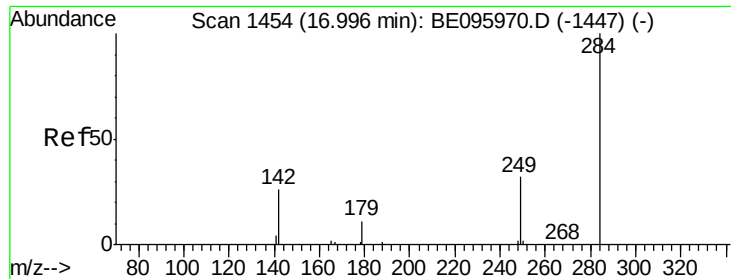
Delta R.T. 0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Tgt Ion:	248	Resp:	779
Ion Ratio	Lower	Upper	
248	100		
250	94.9	62.7	94.1#
141	93.3	48.2	72.2#





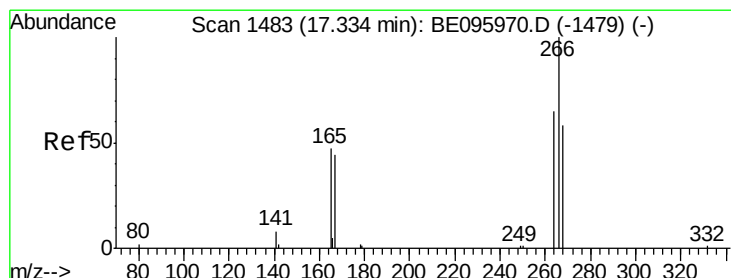
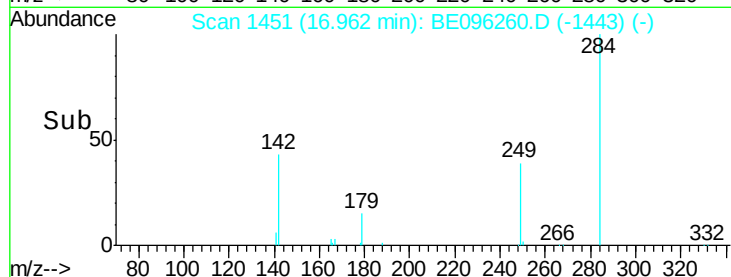
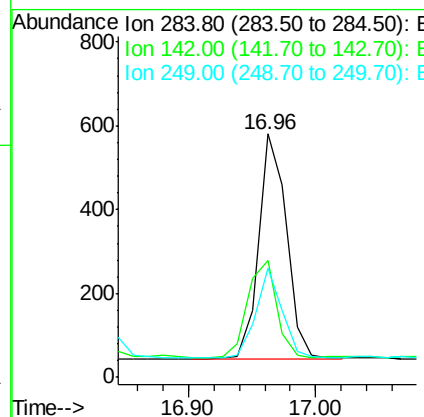
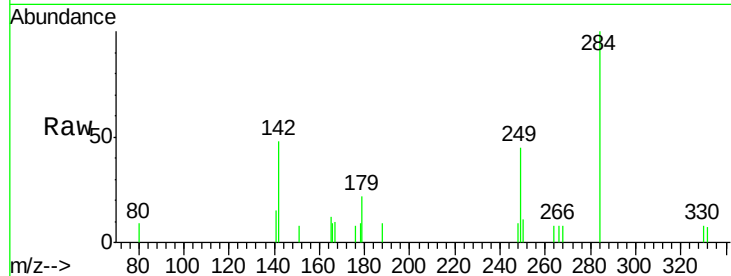
#21
Hexachlorobenzene
Concen: 0.349 ng
RT: 16.96 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BE096260.D
Acq: 1 May 2018 16:52

Instrument :
BNA_E
ClientSampleId :
PB108594BSD

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	812		
142	45.6	22.1	33.1	#
249	37.6	34.8	52.2	

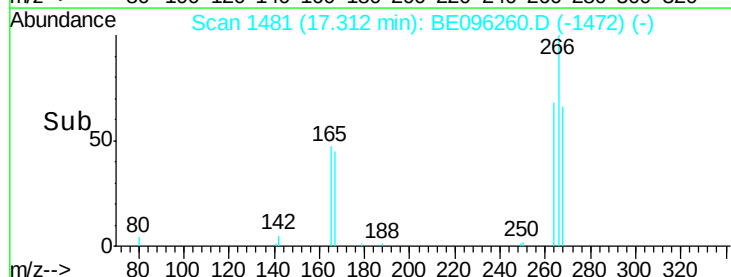
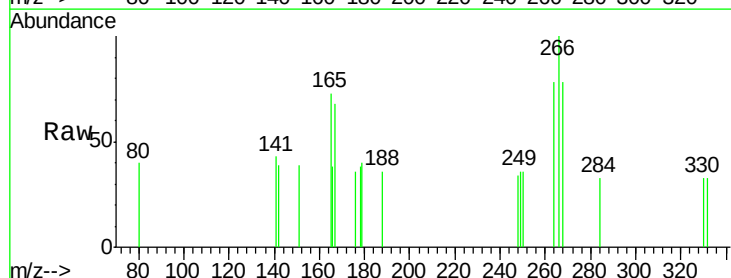
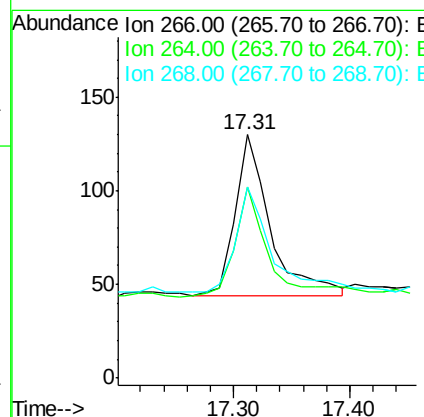
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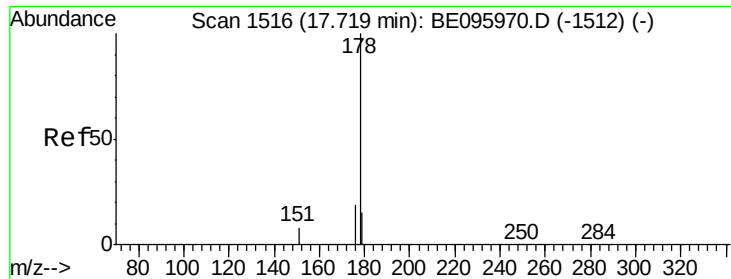
Sohil
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#22
Pentachlorophenol
Concen: 0.303 ng
RT: 17.31 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BE096260.D
Acq: 1 May 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	180		
264	78.5	72.5	108.7	
268	78.5	73.8	110.6	





#23

Phenanthrene

Concen: 0.386 ng

RT: 17.68 min Scan# 1513

Delta R.T. -0.01 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Instrument :

BNA_E

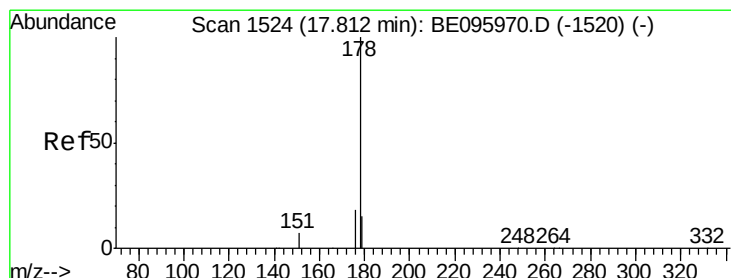
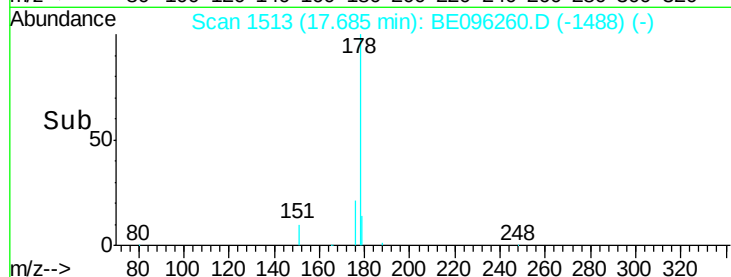
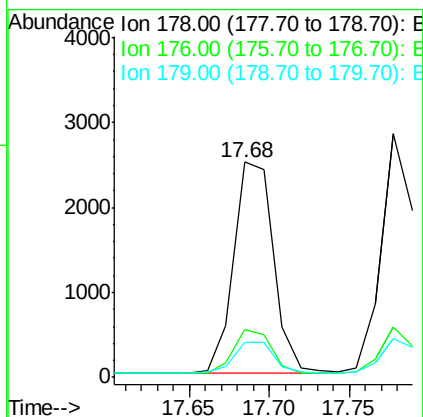
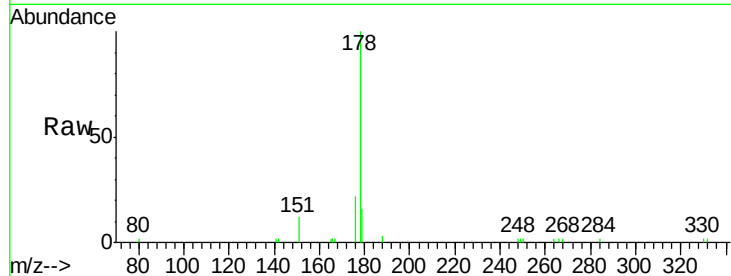
ClientSampleId :

PB108594BSD

Tgt Ion:	178	Resp:	4268
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.1	22.7
179	14.7	11.8	17.6

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#24

Anthracene

Concen: 0.398 ng

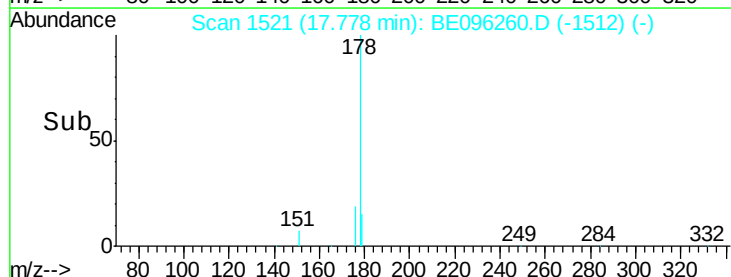
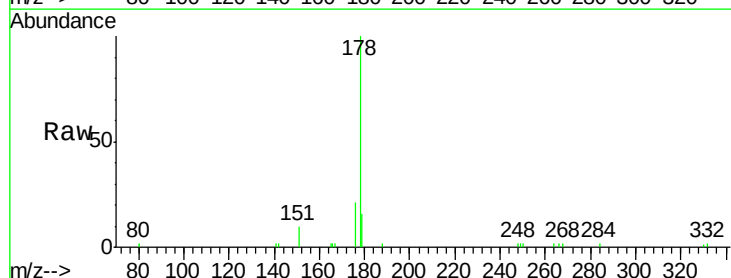
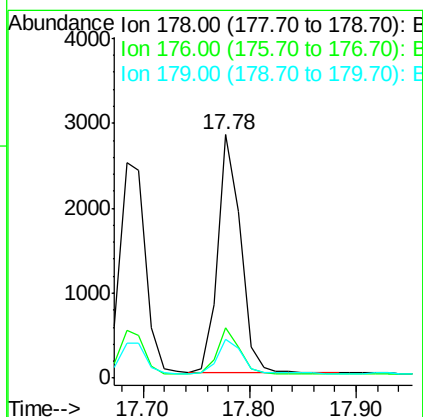
RT: 17.78 min Scan# 1521

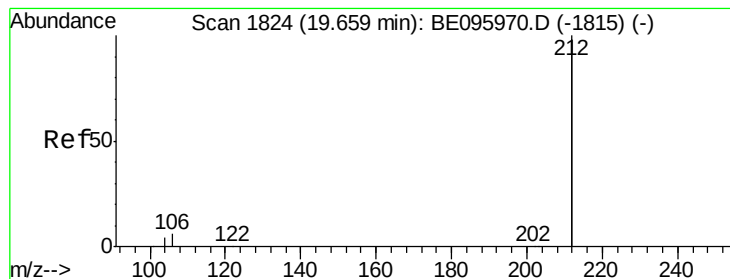
Delta R.T. 0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Tgt Ion:	178	Resp:	4204
Ion Ratio	Lower	Upper	
178	100		
176	19.1	12.8	19.2
179	14.8	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.357 ng

RT: 19.64 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Instrument :

BNA_E

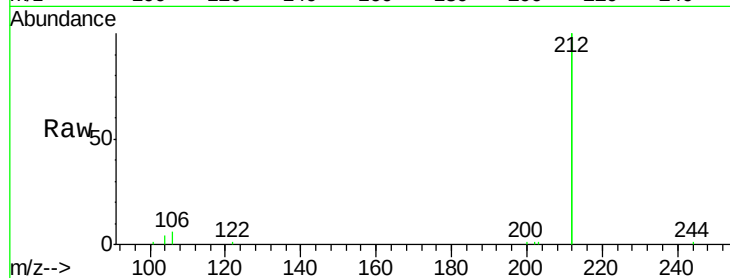
ClientSampleId :

PB108594BSD

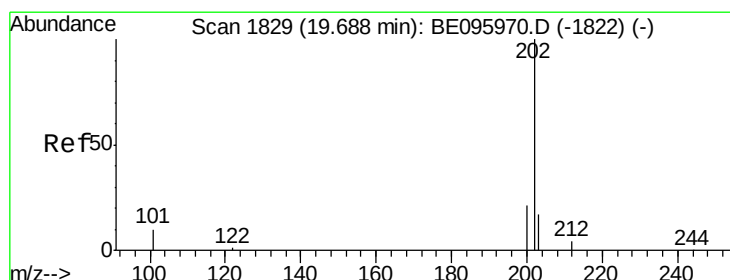
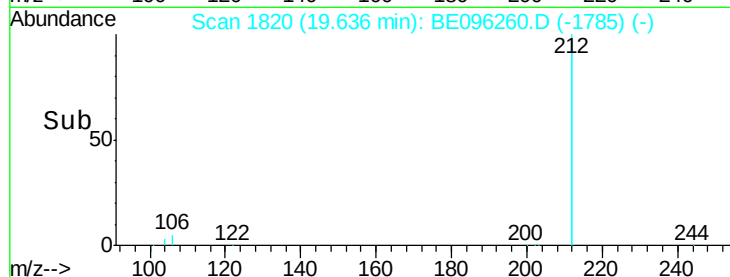
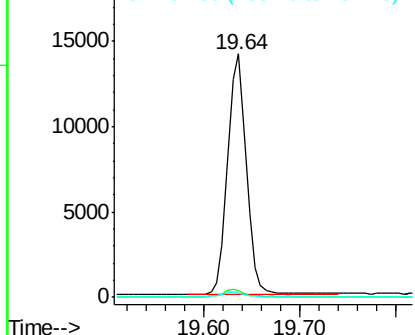
Tgt Ion:	212	Resp:	19044
Ion Ratio	Lower	Upper	
212	100		
106	3.1	2.8	4.2
104	1.9	1.6	2.4

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Abundance Ion 212.00 (211.70 to 212.70): E
Ion 106.00 (105.70 to 106.70): E
Ion 104.00 (103.70 to 104.70): E



#26

Fluoranthene

Concen: 0.388 ng

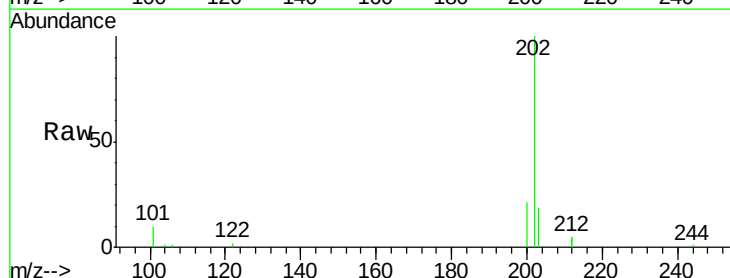
RT: 19.66 min Scan# 1825

Delta R.T. -0.00 min

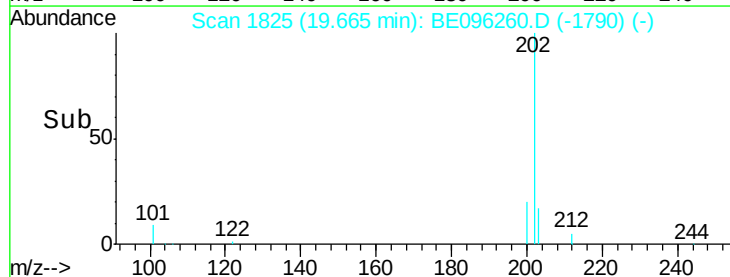
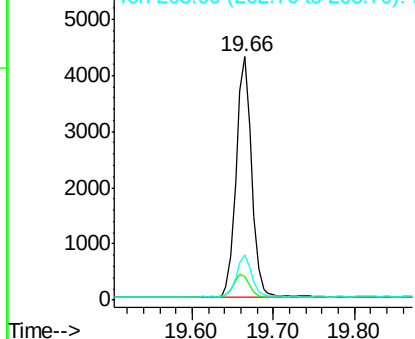
Lab File: BE096260.D

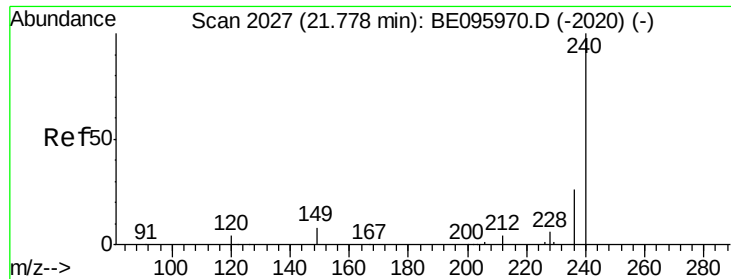
Acq: 1 May 2018 16:52

Tgt Ion:	202	Resp:	5628
Ion Ratio	Lower	Upper	
202	100		
101	10.3	9.8	14.8
203	17.1	13.7	20.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.74 min Scan# 2024

Delta R.T. -0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Instrument :

BNA_E

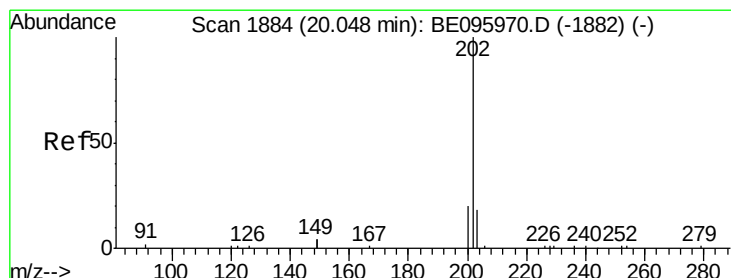
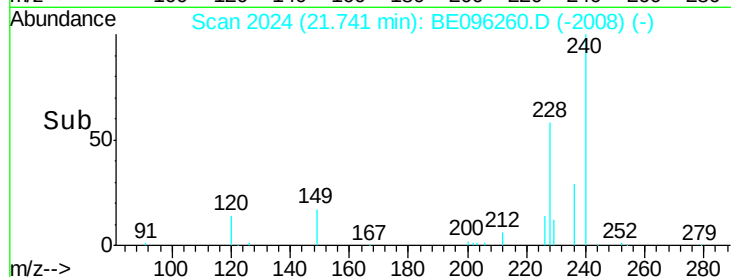
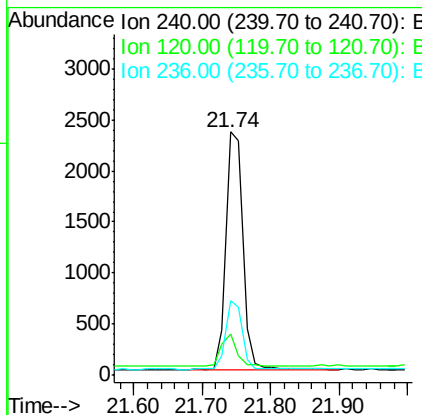
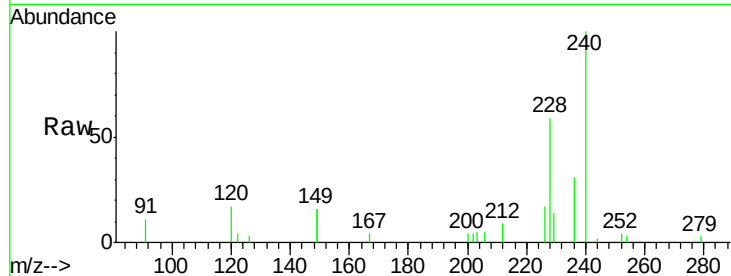
ClientSampleId :

PB108594BSD

Tgt Ion:240 Resp: 4017
 Ion Ratio Lower Upper
 240 100
 120 17.2 5.5 8.3#
 236 30.9 20.7 31.1

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 5/2/2018 4:36:10 AM



#28

Pyrene

Concen: 0.035 ng

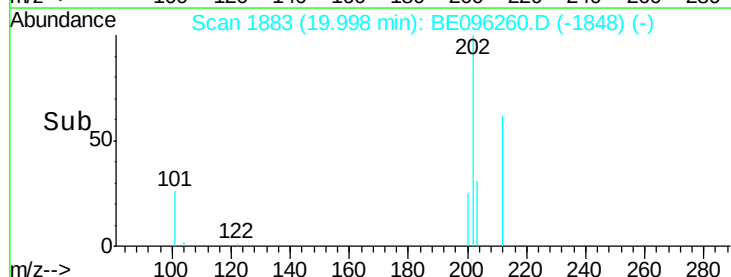
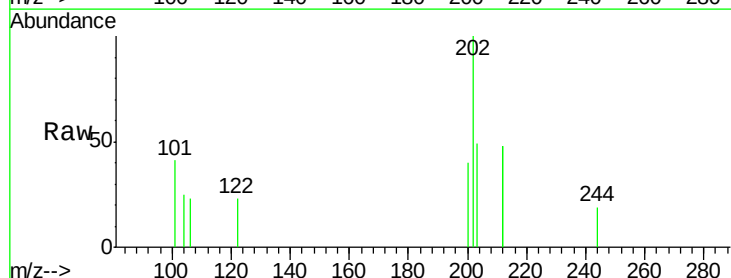
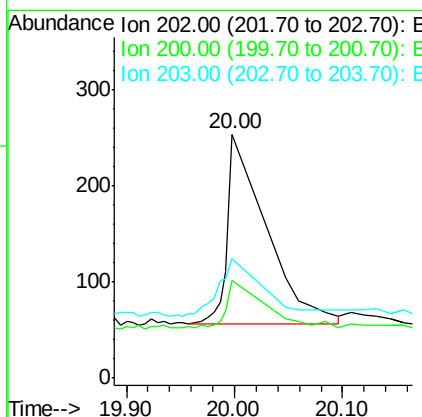
RT: 20.00 min Scan# 1883

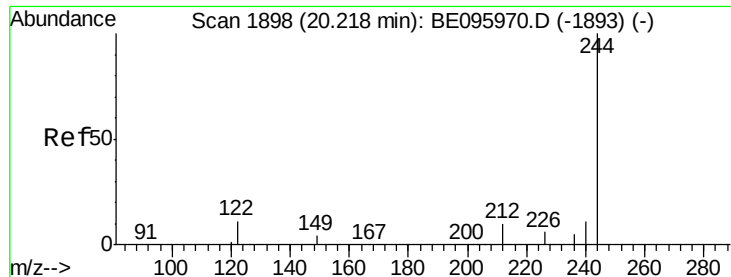
Delta R.T. -0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Tgt Ion:202 Resp: 279
 Ion Ratio Lower Upper
 202 100
 200 26.5 16.6 25.0#
 203 44.4 13.8 20.8#





#29

Terphenyl-d14

Concen: 0.334 ng

RT: 20.19 min Scan# 1896

Delta R.T. -0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Instrument :

BNA_E

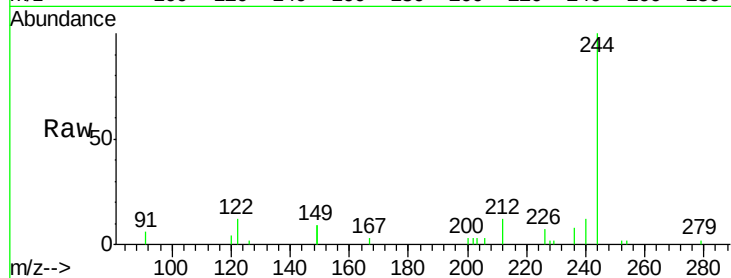
ClientSampleId :

PB108594BSD

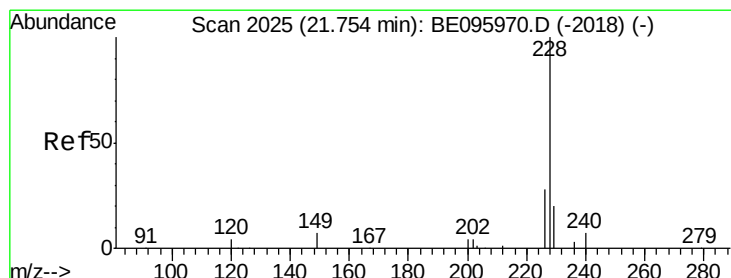
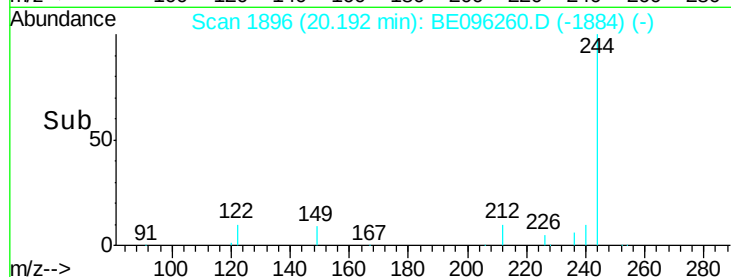
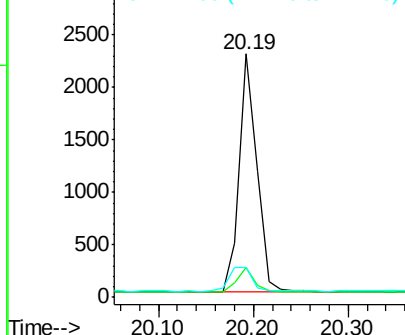
Tgt Ion:	244	Resp:	2966
Ion Ratio	Lower	Upper	
244	100		
212	12.1	25.4	38.0#
122	12.2	8.1	12.1#

Manual Integrations
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#30

Benzo(a)anthracene

Concen: 0.403 ng

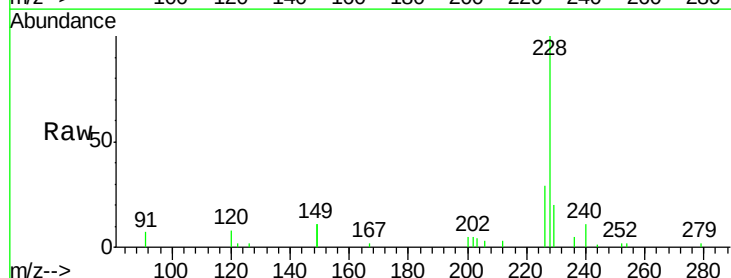
RT: 21.73 min Scan# 2023

Delta R.T. -0.00 min

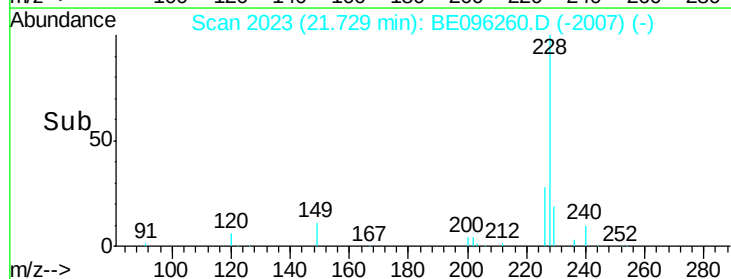
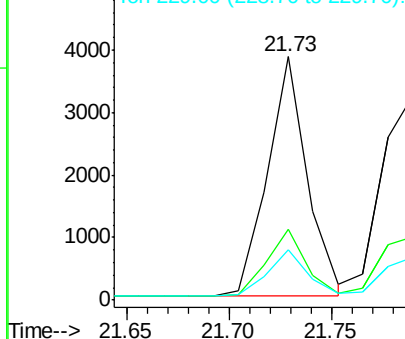
Lab File: BE096260.D

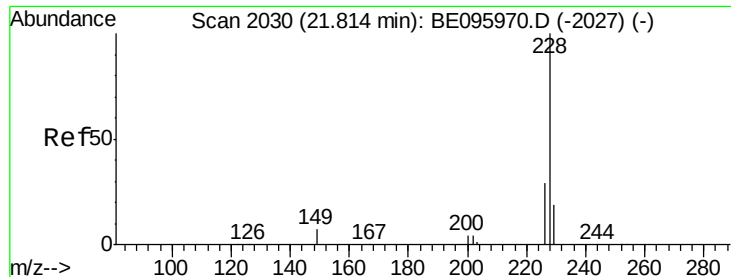
Acq: 1 May 2018 16:52

Tgt Ion:	228	Resp:	5187
Ion Ratio	Lower	Upper	
228	100		
226	28.9	24.0	36.0
229	20.4	16.0	24.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#31

Chrysene

Concen: 0.407 ng

RT: 21.79 min Scan# 2028

Delta R.T. -0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Instrument :

BNA_E

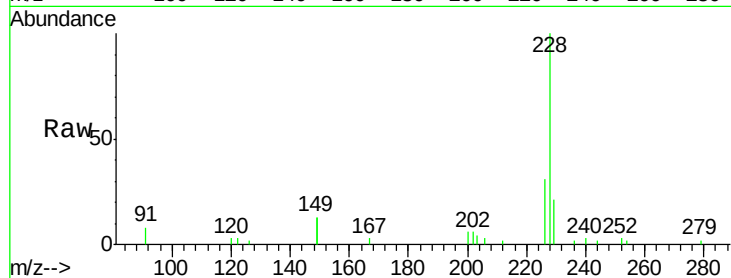
ClientSampleId :

PB108594BSD

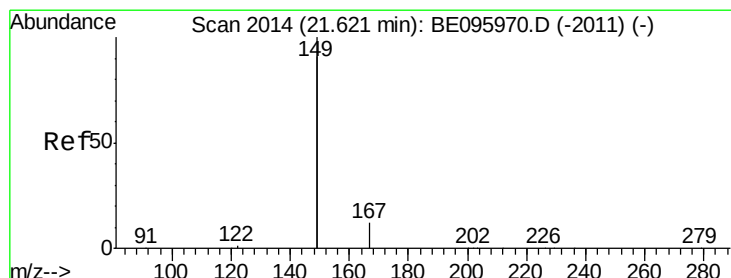
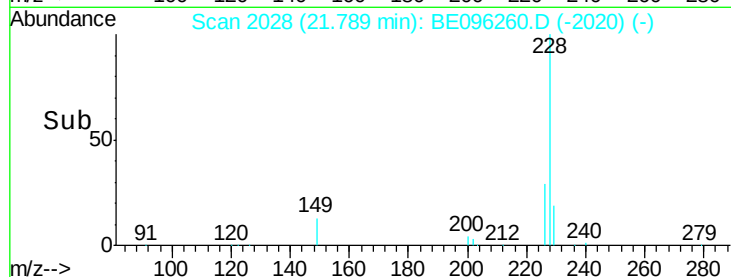
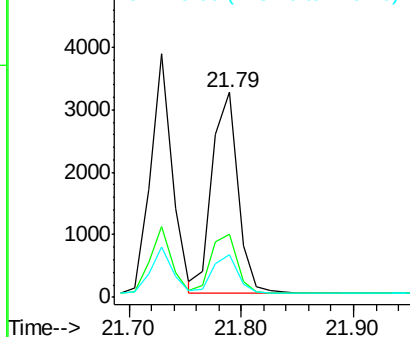
Tgt Ion:	228	Resp:	5063
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.0	36.0
229	21.1	16.0	24.0

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.407 ng

RT: 21.60 min Scan# 2012

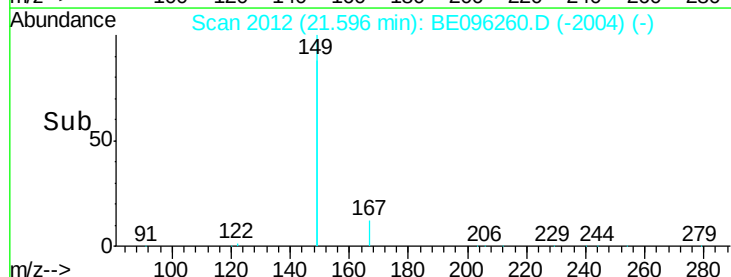
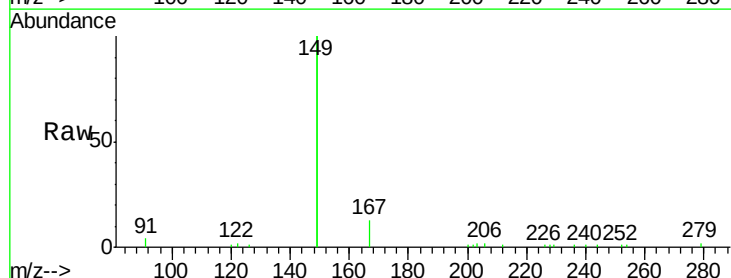
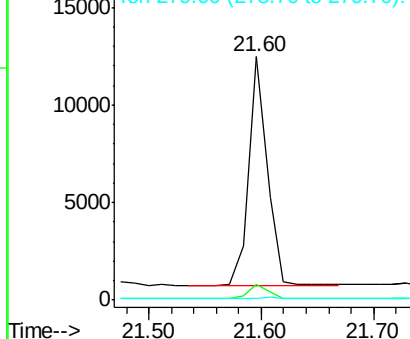
Delta R.T. -0.00 min

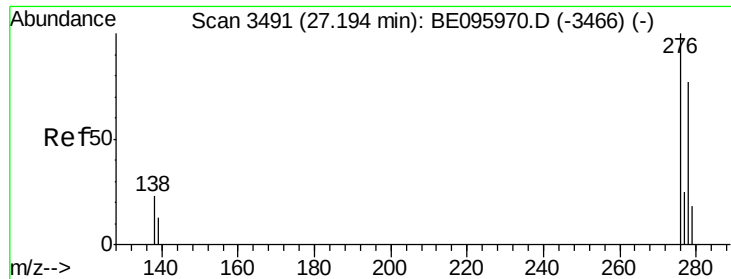
Lab File: BE096260.D

Acq: 1 May 2018 16:52

Tgt Ion:	149	Resp:	13548
Ion Ratio	Lower	Upper	
149	100		
167	6.7	5.4	8.0
279	0.9	0.7	1.1

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





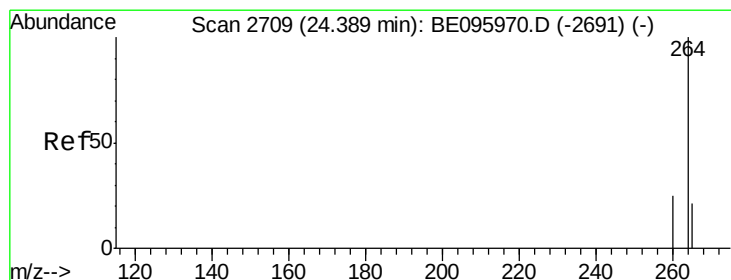
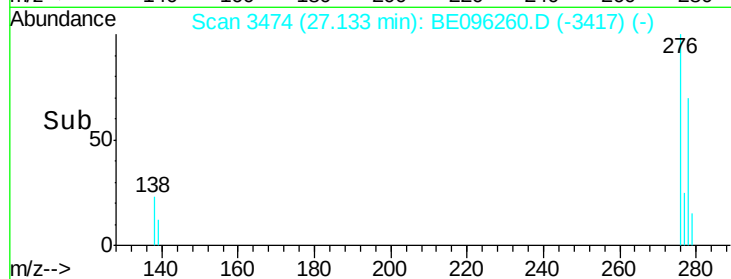
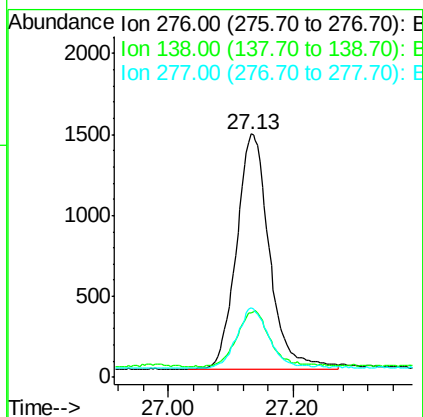
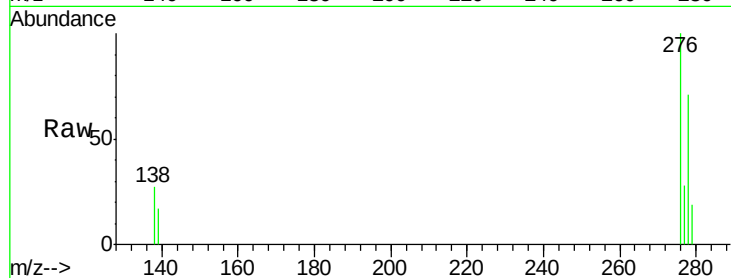
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.443 ng
 RT: 27.13 min Scan# 3474
 Delta R.T. 0.00 min
 Lab File: BE096260.D
 Acq: 1 May 2018 16:52

Instrument :
 BNA_E
 ClientSampleId :
 PB108594BSD

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.1	22.5	33.7
277	24.3	19.9	29.9

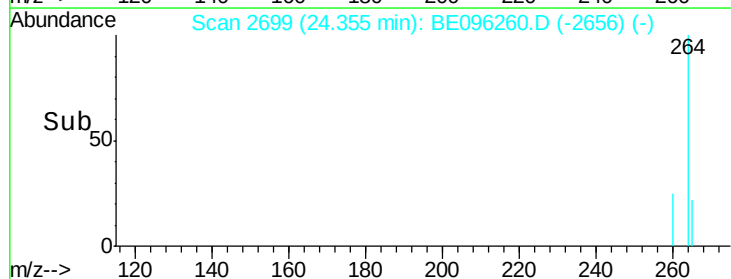
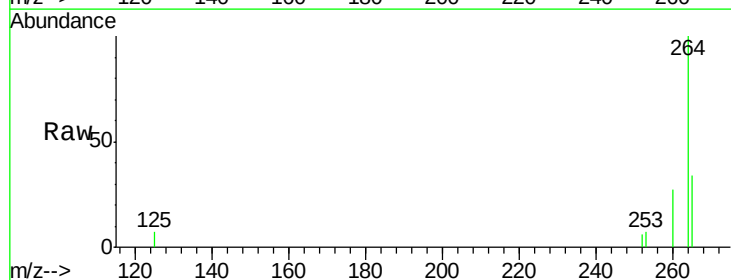
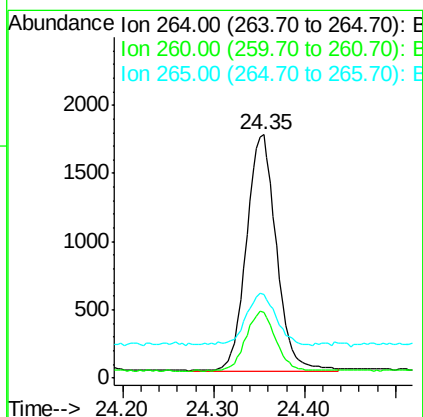
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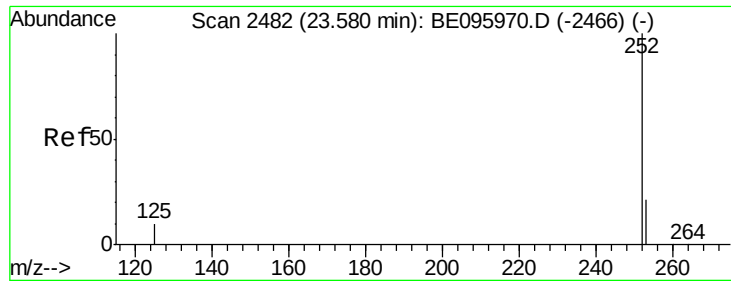
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.35 min Scan# 2699
 Delta R.T. 0.00 min
 Lab File: BE096260.D
 Acq: 1 May 2018 16:52

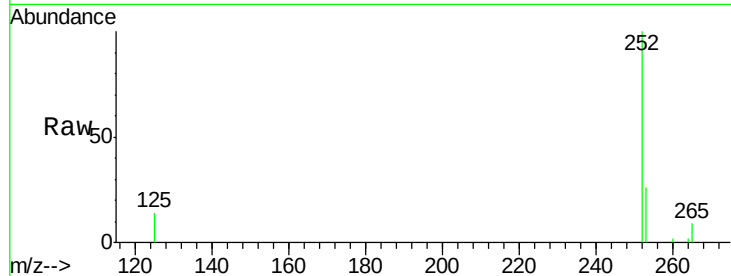
Tgt Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.5	30.7
265	34.4	22.8	34.2#





#35
Benzo(b)fluoranthene
Concen: 0.427 ng
RT: 23.54 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BE096260.D
Acq: 1 May 2018 16:52

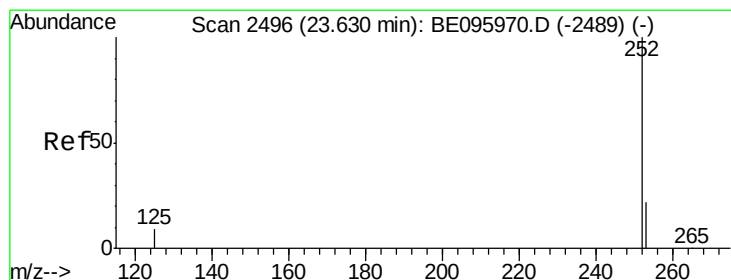
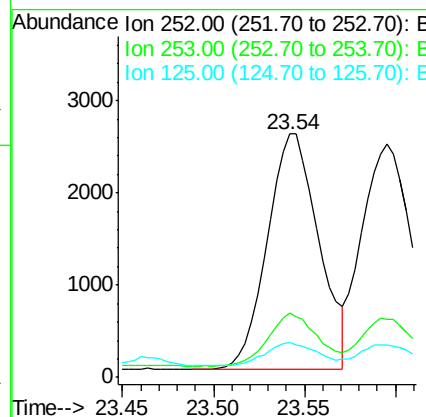
Instrument :
BNA_E
ClientSampleId :
PB108594BSD



Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	20.0	30.0
125	14.3	16.0	24.0#

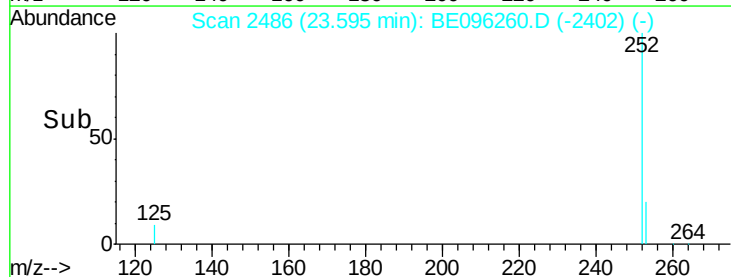
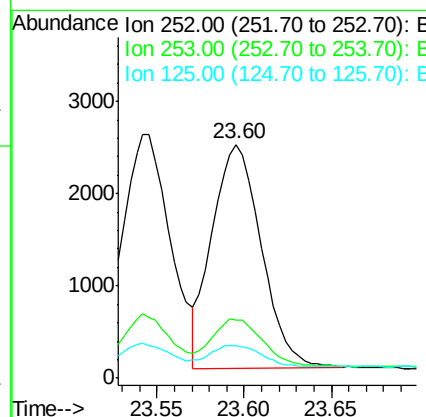
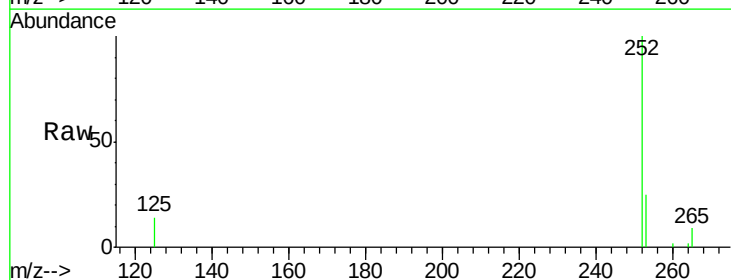
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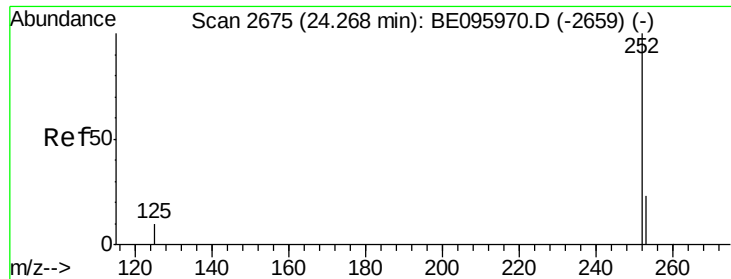
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#36
Benzo(k)fluoranthene
Concen: 0.394 ng
RT: 23.60 min Scan# 2486
Delta R.T. -0.00 min
Lab File: BE096260.D
Acq: 1 May 2018 16:52

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.6	16.0	24.0#
125	13.8	8.0	12.0#





#37

Benzo(a)pyrene

Concen: 0.414 ng

RT: 24.23 min Scan# 2665

Delta R.T. -0.00 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Instrument :

BNA_E

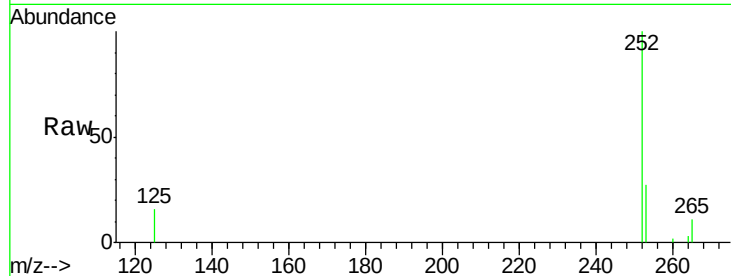
ClientSampleId :

PB108594BSD

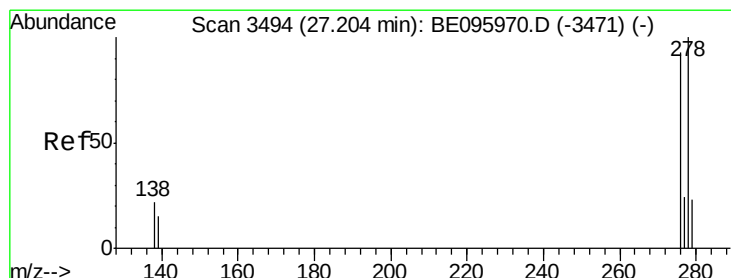
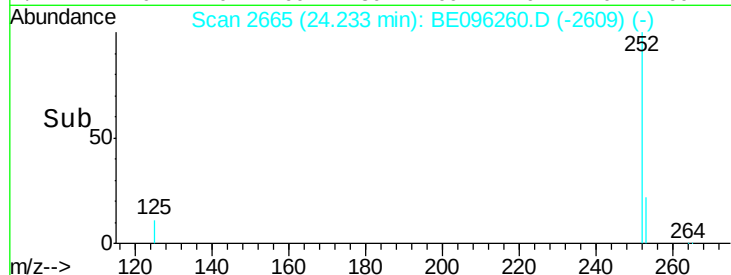
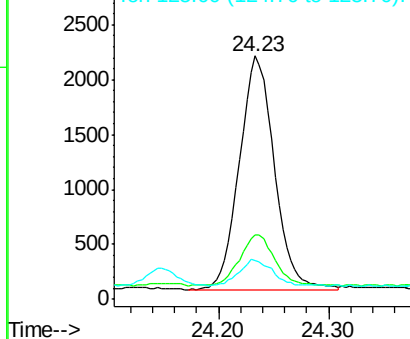
Tgt Ion:	252	Resp:	4675
Ion Ratio	Lower	Upper	
252	100		
253	26.6	16.0	24.0#
125	15.9	12.0	18.0

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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#38

Dibenzo(a,h)anthracene

Concen: 0.433 ng

RT: 27.15 min Scan# 3478

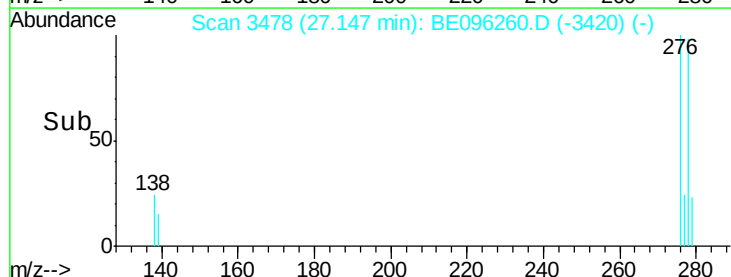
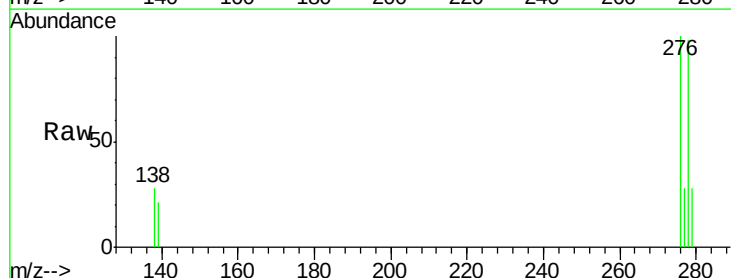
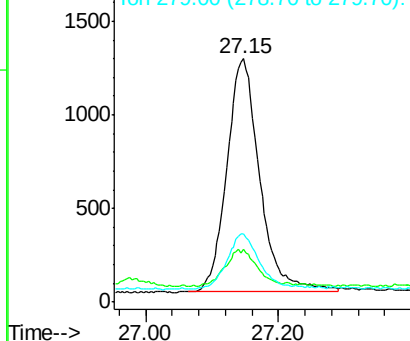
Delta R.T. 0.01 min

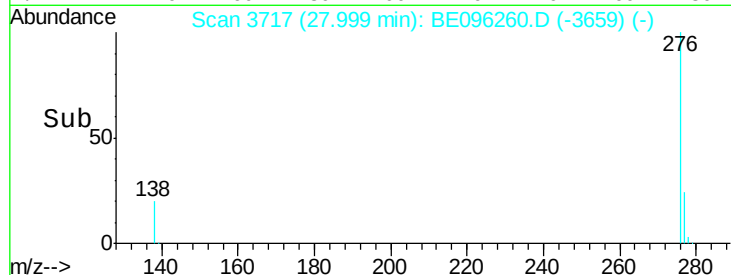
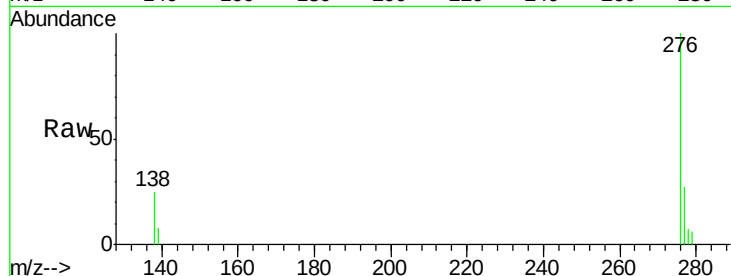
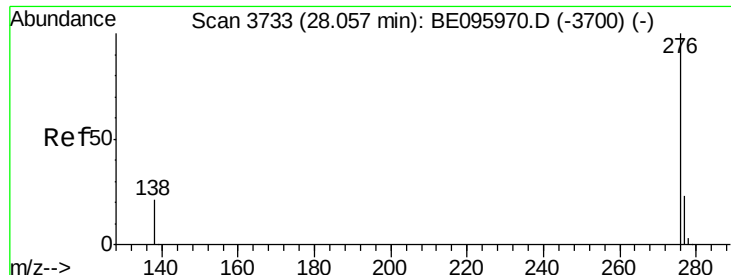
Lab File: BE096260.D

Acq: 1 May 2018 16:52

Tgt Ion:	278	Resp:	4313
Ion Ratio	Lower	Upper	
278	100		
139	21.9	16.0	24.0
279	28.2	20.0	30.0

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#39

Benzo(g,h,i)perylene

Concen: 0.420 ng

RT: 28.00 min Scan# 3717

Delta R.T. 0.01 min

Lab File: BE096260.D

Acq: 1 May 2018 16:52

Instrument :

BNA_E

ClientSampleId :

PB108594BSD

Tgt	Ion	Ratio	Lower	Upper
276	100			
277	27.4	16.0	24.0	
138	24.8	20.0	30.0	

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