

Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051718\
 Data File : BE096605.D
 Acq On : 17 May 2018 12:20
 Operator : SJ/JU
 Sample : PB109397BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB109397BS

Manual Integrations
 APPROVED

Sohil
 5/18/2018 4:33:01 PM

Quant Time: May 18 05:29:26 2018
 Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 15 13:02:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.34	152	840	0.40	ng	0.00
7) Naphthalene-d8	11.16	136	3141	0.40	ng	-0.01
13) Acenaphthene-d10	14.92	164	1572	0.40	ng	0.00
19) Phenanthrene-d10	17.64	188	3271	0.40	ng	0.00
27) Chrysene-d12	21.73	240	3523	0.40	ng	0.00
34) Perylene-d12	24.33	264	3316	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.86	112	875	0.38	ng	0.00
5) Phenol-d6	7.49	99	1128	0.34	ng	0.00
8) Nitrobenzene-d5	9.53	82	1178m	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	12.72	152	1687	0.33	ng	0.00
14) 2,4,6-Tribromophenol	16.40	330	180	0.29	ng	0.00
15) 2-Fluorobiphenyl	13.56	172	2502	0.37	ng	0.00
25) Fluoranthene-d10	19.62	212	13976	0.35	ng	0.00
29) Terphenyl-d14	20.18	244	2542	0.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.60	88	375	0.298	ng	# 85
3) n-Nitrosodimethylamine	3.95	42	608	0.386	ng	# 75
6) bis(2-Chloroethyl)ether	7.75	93	1010	0.329	ng	93
9) Naphthalene	11.22	128	11861	0.359	ng	99
10) Hexachlorobutadiene	11.49	225	448	0.242	ng	# 84
12) 2-Methylnaphthalene	12.79	142	1916	0.338	ng	# 93
16) Acenaphthylene	14.66	152	2711	0.330	ng	99
17) Acenaphthene	14.99	154	1683	0.337	ng	93
18) Fluorene	15.96	166	2461	0.396	ng	# 75
20) 4-Bromophenyl-phenylether	16.82	248	636	0.320	ng	# 74
21) Hexachlorobenzene	16.95	284	652	0.315	ng	# 80
22) Pentachlorophenol	17.31	266	119	0.361	ng	92
23) Phenanthrene	17.67	178	3173	0.345	ng	99
24) Anthracene	17.77	178	2938	0.344	ng	# 94
26) Fluoranthene	19.65	202	3903	0.355	ng	# 97
28) Pyrene	20.00	202	1493	0.235	ng	# 90
30) Benzo(a)anthracene	21.72	228	3816	0.352	ng	96
31) Chrysene	21.77	228	3851	0.341	ng	96
32) Bis(2-ethylhexyl)phthalate	21.58	149	6393	0.276	ng	99
33) Indeno(1,2,3-cd)pyrene	27.10	276	4007	0.371	ng	# 92
35) Benzo(b)fluoranthene	23.52	252	3717	0.363	ng	# 91
36) Benzo(k)fluoranthene	23.58	252	3786	0.350	ng	# 91
37) Benzo(a)pyrene	24.22	252	3567	0.365	ng	# 90
38) Dibenzo(a,h)anthracene	27.11	278	3192	0.357	ng	94
39) Benzo(g,h,i)perylene	27.96	276	3414	0.365	ng	# 94

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

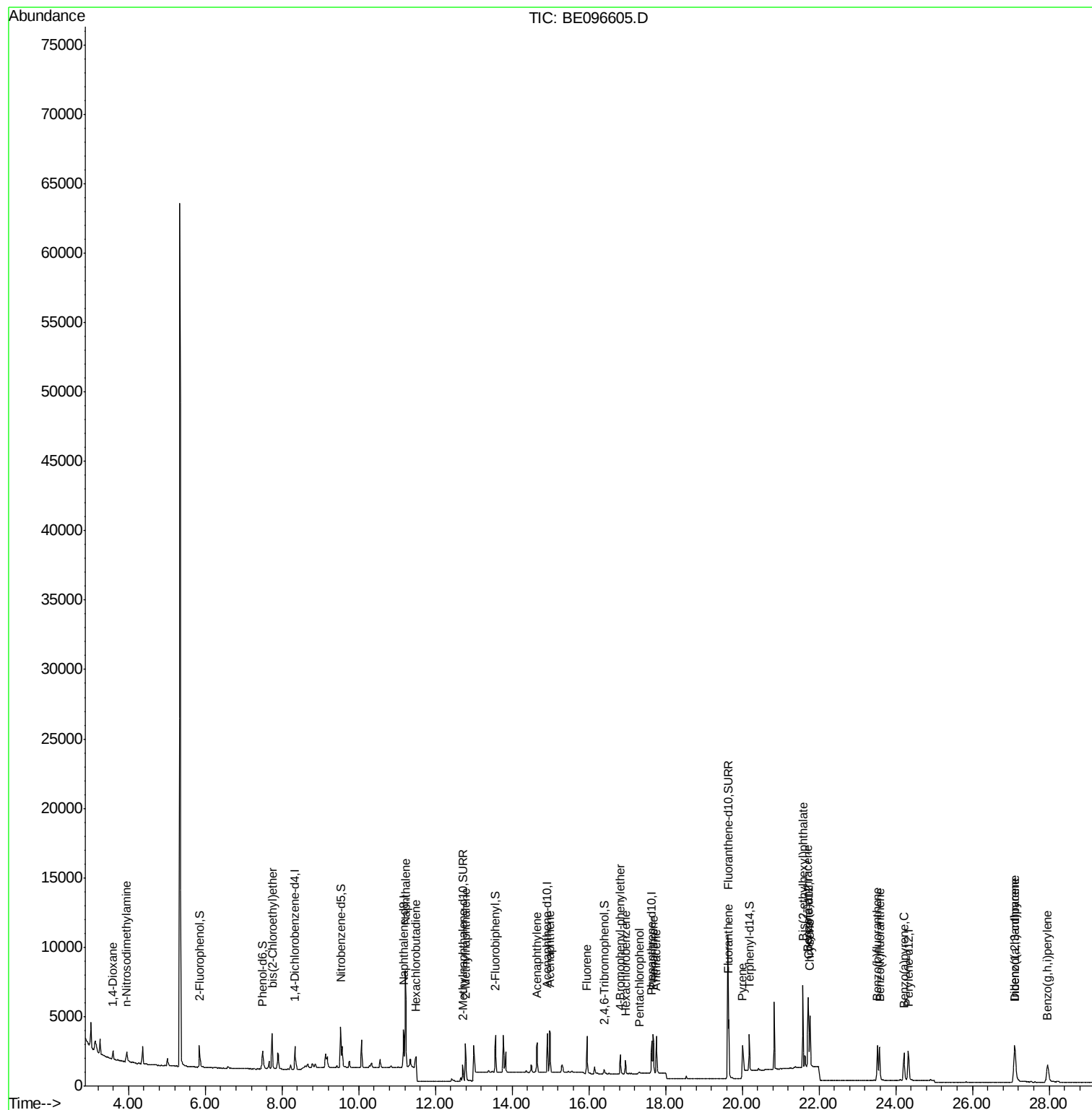
Data Path : Z:\HPCHEM1\BNA_E\DATA\BE051718\
Data File : BE096605.D
Acq On : 17 May 2018 12:20
Operator : SJ/JU
Sample : PB109397BS
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Quant Time: May 18 05:29:26 2018
Quant Method : Z:\HPCHEM1\BNA_E\METHODS\8270-SIM-BE051518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 15 13:02:03 2018
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#1

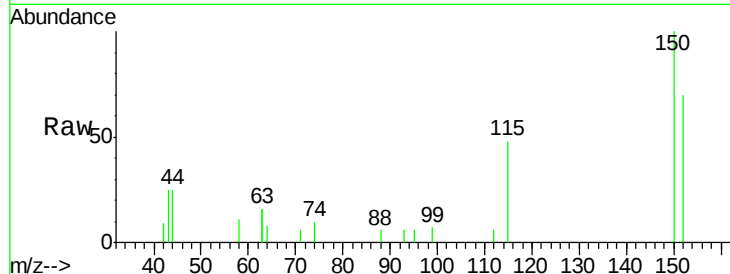
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.34 min Scan# 560
Delta R.T. 0.00 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Instrument :
BNA_E
ClientSampleId :
PB109397BS

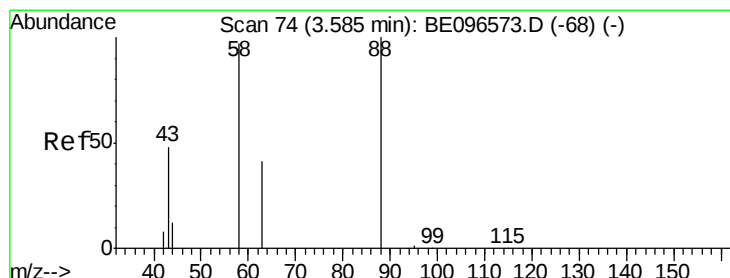
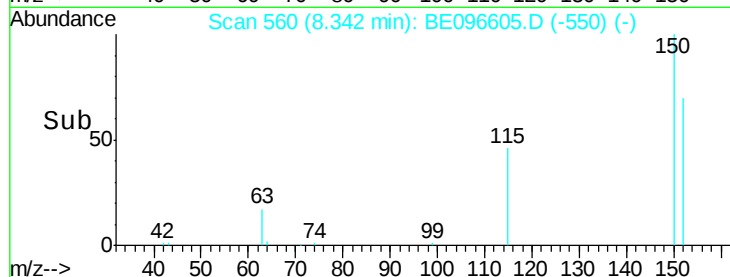
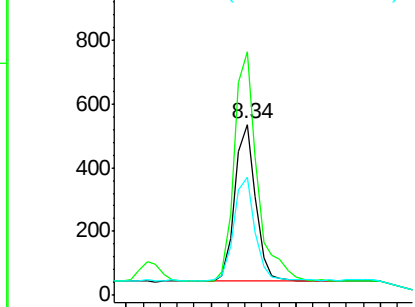
Tgt Ion	Ratio	Lower	Upper
152	100		
150	142.6	117.2	175.8
115	69.2	57.0	85.6

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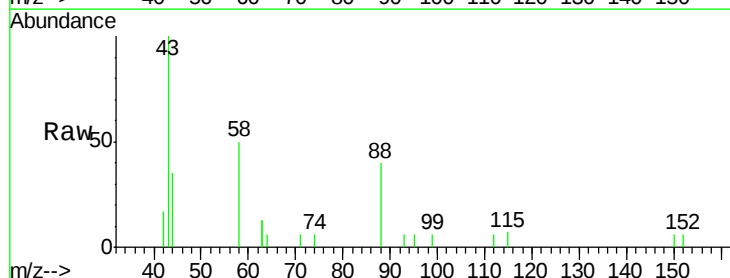
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



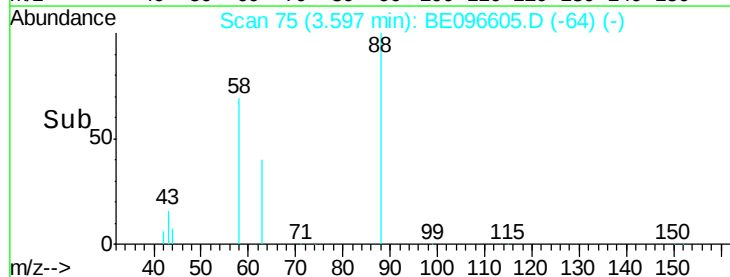
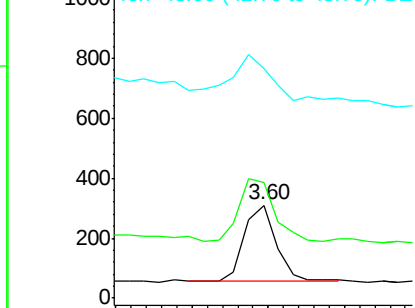
#2

1,4-Dioxane
Concen: 0.298 ng
RT: 3.60 min Scan# 75
Delta R.T. 0.01 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	63.2	94.8
43	67.7	41.2	61.8



Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0





#3

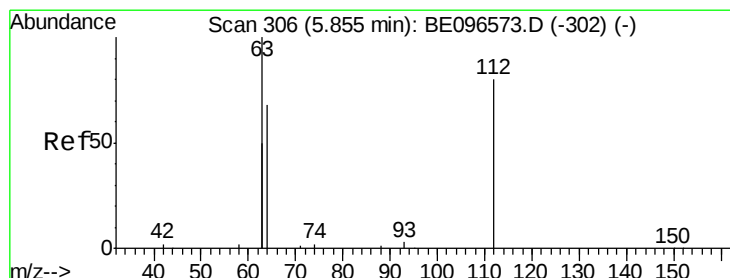
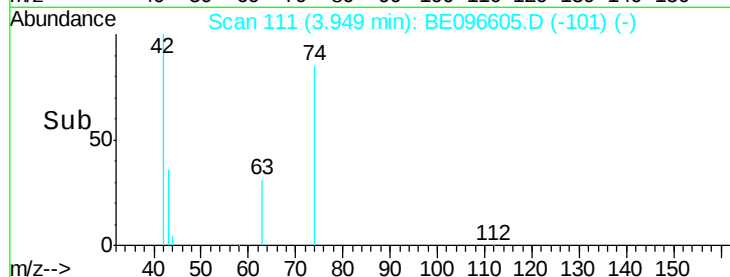
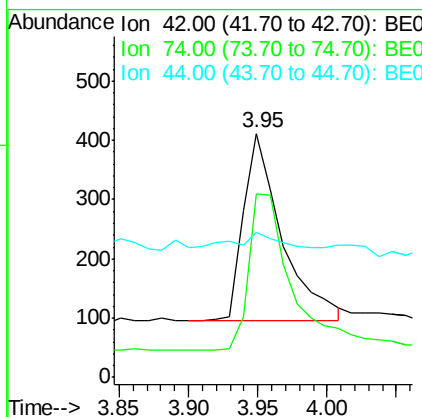
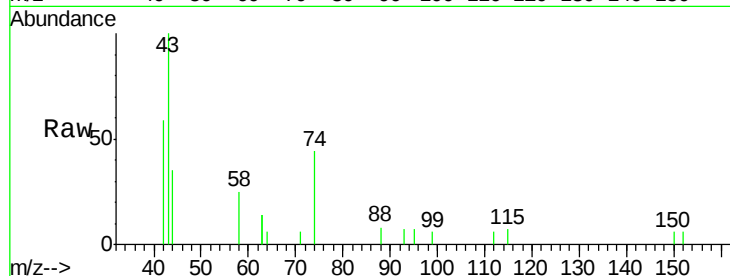
n-Nitrosodimethylamine
 Concen: 0.386 ng
 RT: 3.95 min Scan# 111
 Delta R.T. 0.00 min
 Lab File: BE096605.D
 Acq: 17 May 2018 12:20

Instrument :
 BNA_E
 ClientSampled :
 PB109397BS

Tgt Ion	Ratio	Lower	Upper
42	100		
74	91.0	96.0	144.0#
44	8.2	12.0	18.0#

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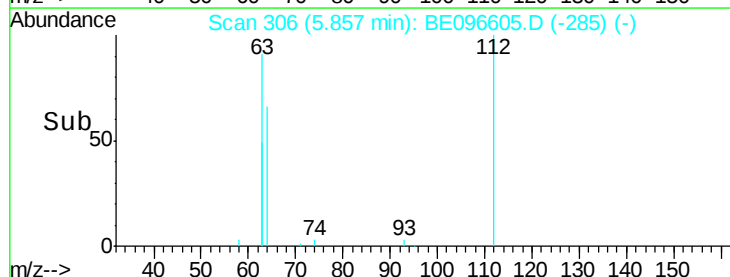
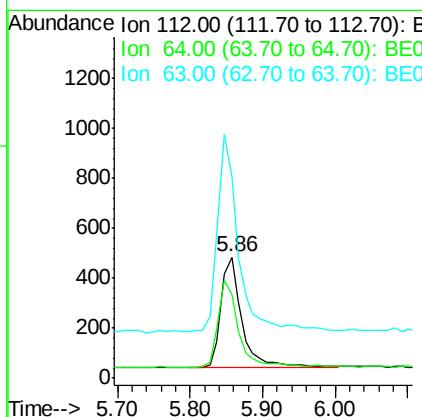
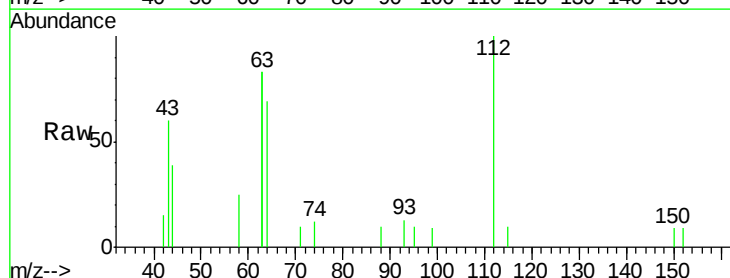
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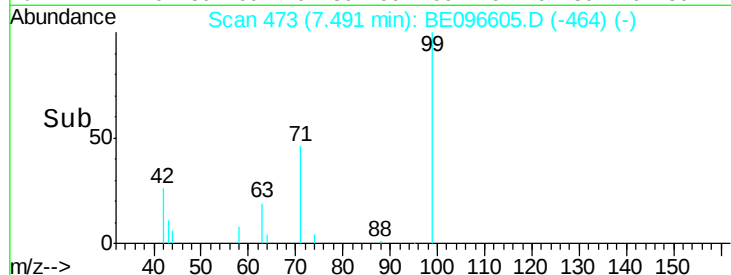
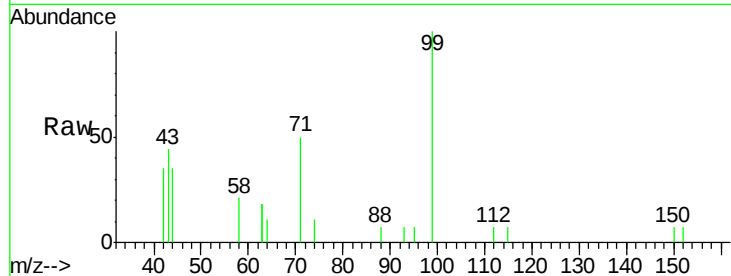
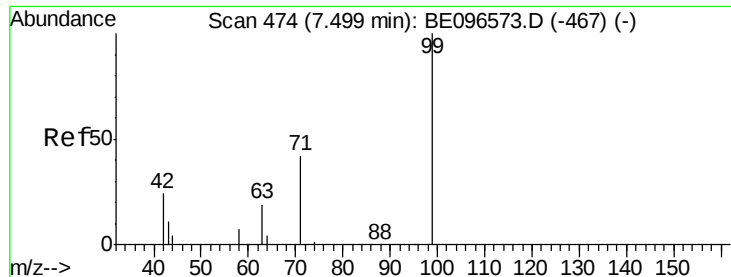


#4

2-Fluorophenol
 Concen: 0.378 ng
 RT: 5.86 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: BE096605.D
 Acq: 17 May 2018 12:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.5	60.1	90.1
63	175.4	116.8	175.2#





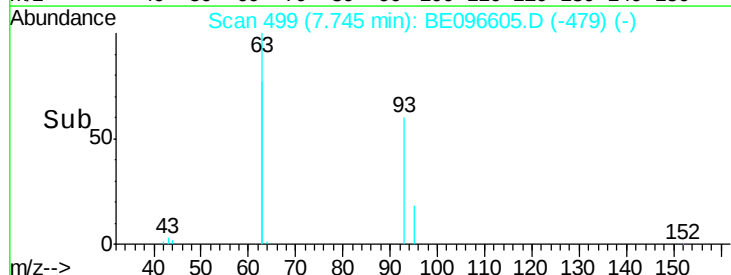
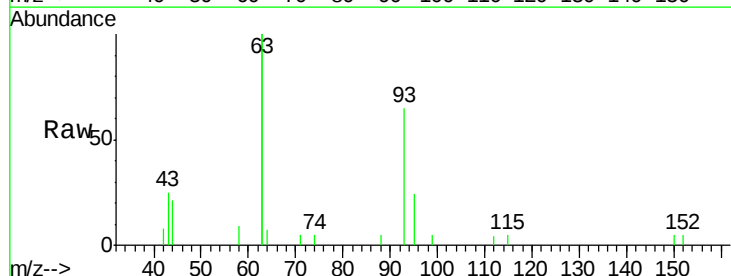
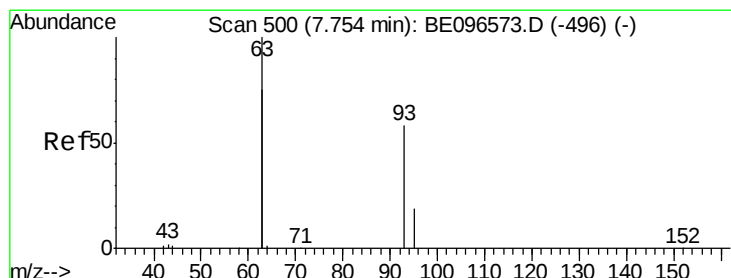
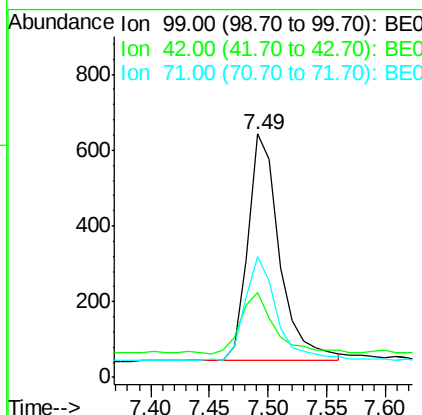
#5
Phenol-d6
Concen: 0.344 ng
RT: 7.49 min Scan# 473
Delta R.T. -0.01 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	1128		
42	28.1		20.2	30.2
71	45.8		28.4	42.6

Instrument :
BNA_E
ClientSampleId :
PB109397BS

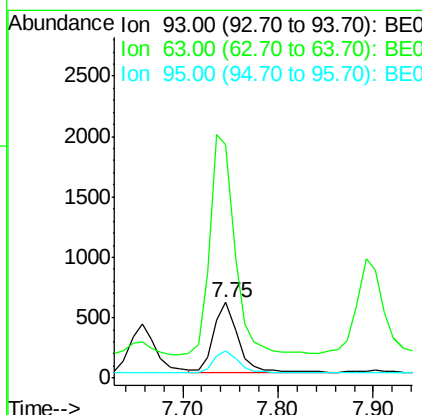
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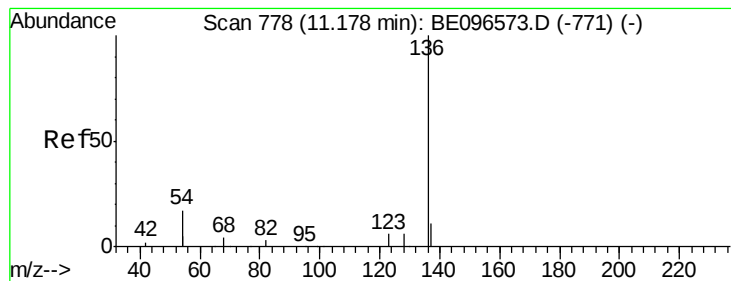
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#6
bis(2-Chloroethyl)ether
Concen: 0.329 ng
RT: 7.75 min Scan# 499
Delta R.T. -0.01 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1010		
63	327.0		275.3	412.9
95	32.8		25.2	37.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.16 min Scan# 777

Delta R.T. -0.01 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Instrument :

BNA_E

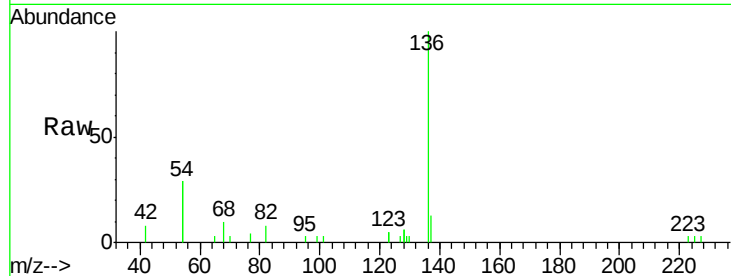
ClientSampled :

PB109397BS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	3141		
137	13.2	9.5	14.3	
54	57.0	29.1	43.7#	
68	10.3	6.2	9.2#	

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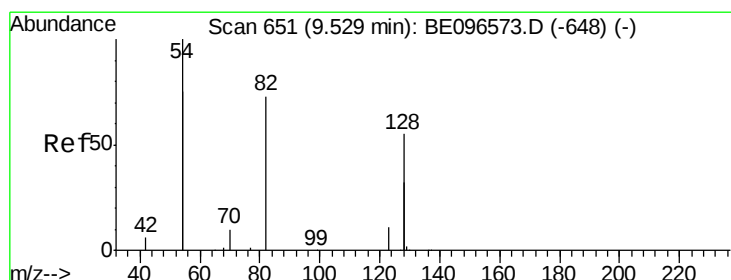
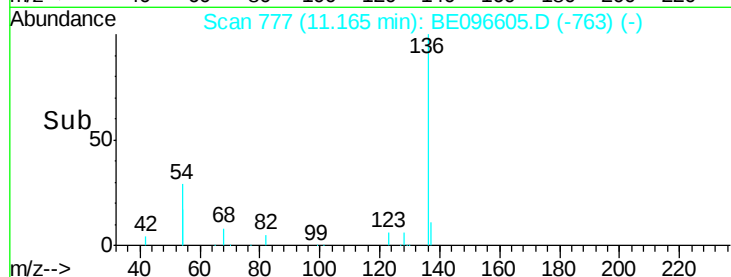
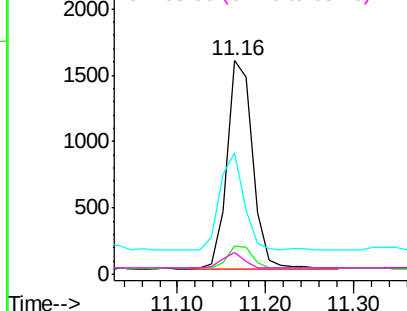


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.353 ng m

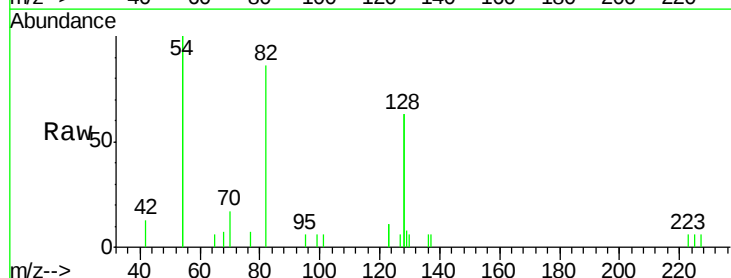
RT: 9.53 min Scan# 651

Delta R.T. -0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

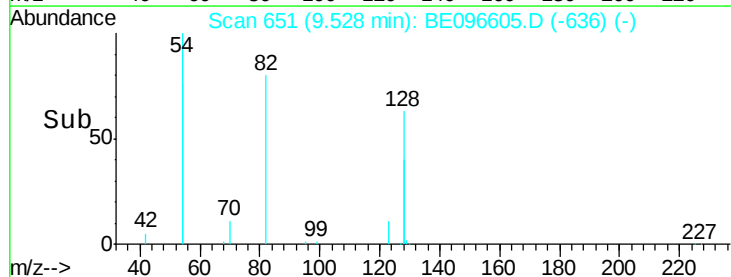
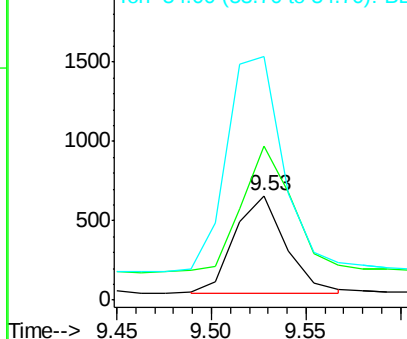
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1178		
128	73.6	150.0	225.0#	
54	116.2	154.2	231.4#	

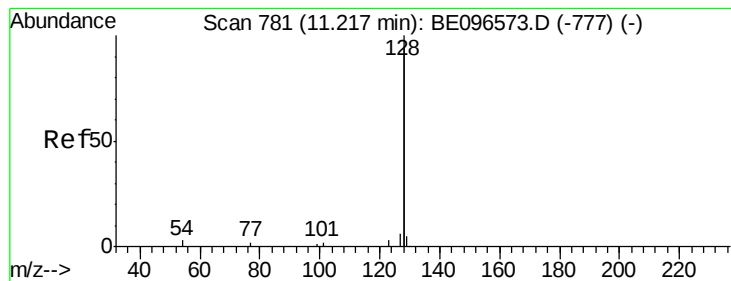


Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.359 ng

RT: 11.22 min Scan# 781

Delta R.T. -0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Instrument :

BNA_E

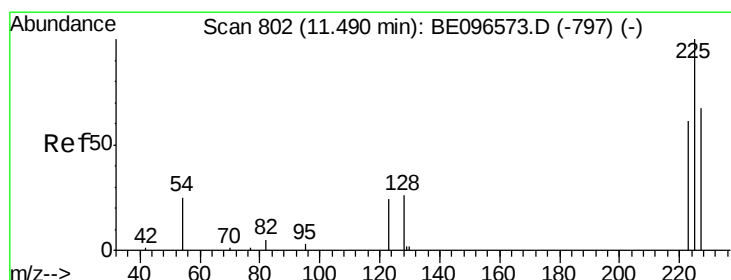
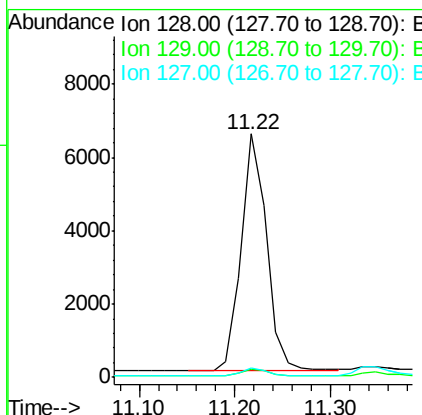
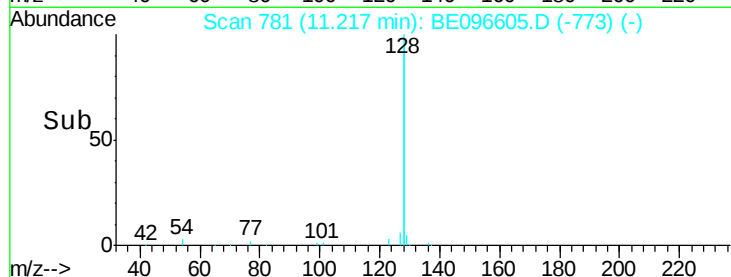
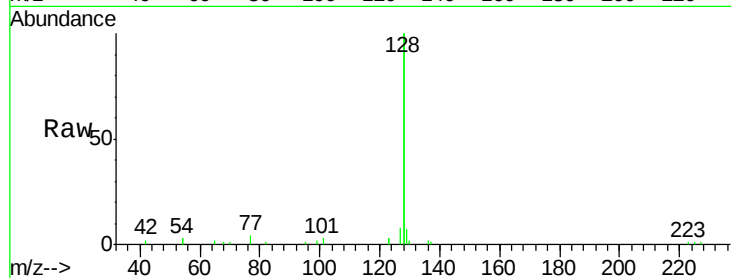
ClientSampleId :

PB109397BS

Tgt Ion:	128	Resp:	11861
Ion Ratio	Lower	Upper	
128	100		
129	3.4	2.6	3.8
127	3.9	2.8	4.2

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#10

Hexachlorobutadiene

Concen: 0.242 ng

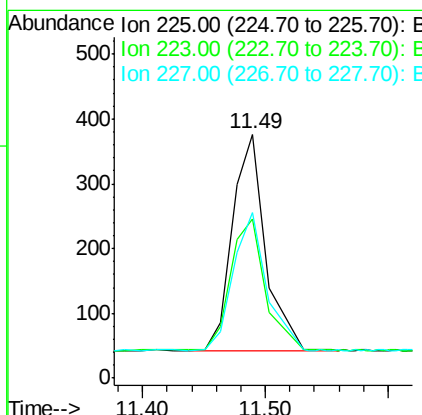
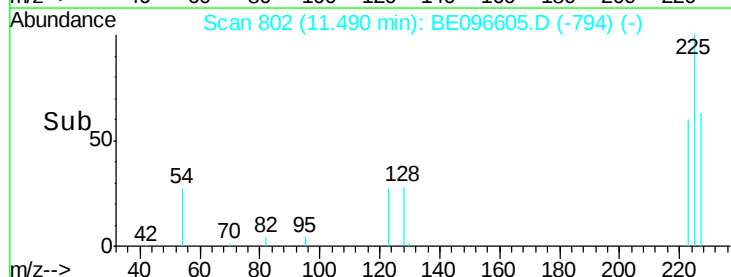
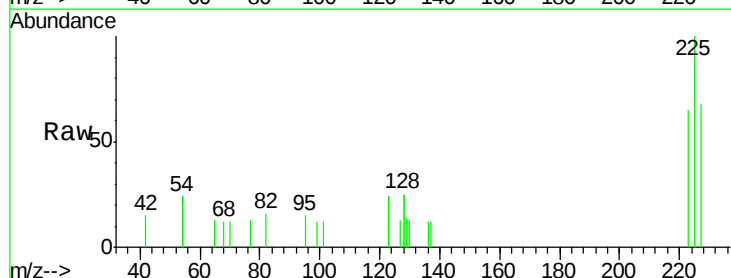
RT: 11.49 min Scan# 802

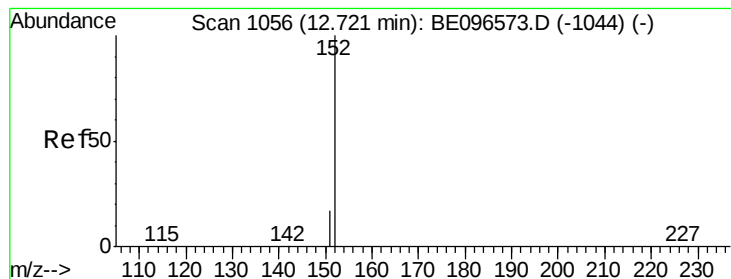
Delta R.T. -0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Tgt Ion:	225	Resp:	448
Ion Ratio	Lower	Upper	
225	100		
223	67.9	53.0	79.6
227	88.2	51.4	77.2#





#11

2-Methylnaphthalene-d10

Concen: 0.329 ng

RT: 12.72 min Scan# 1055

Delta R.T. -0.01 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Instrument :

BNA_E

ClientSampleId :

PB109397BS

Tgt Ion:152 Resp: 1687

Ion Ratio Lower Upper

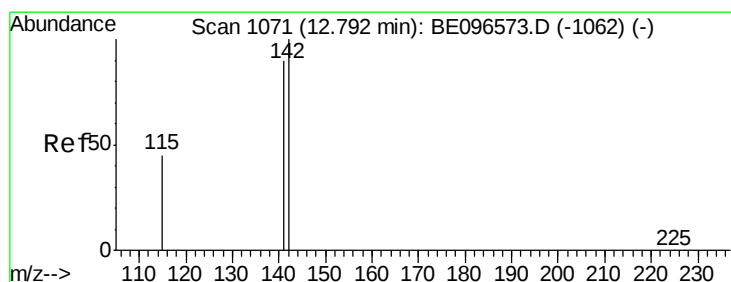
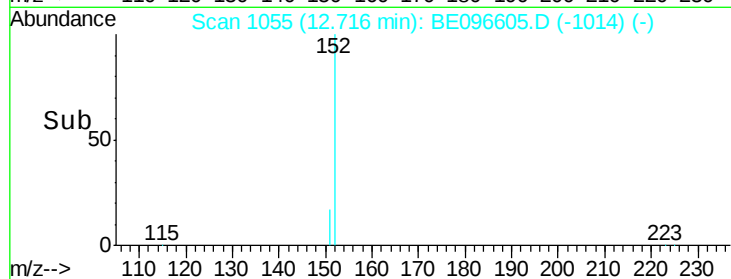
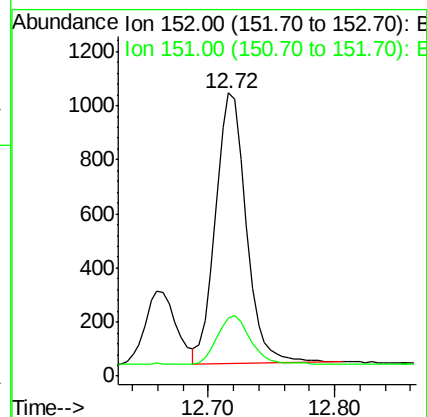
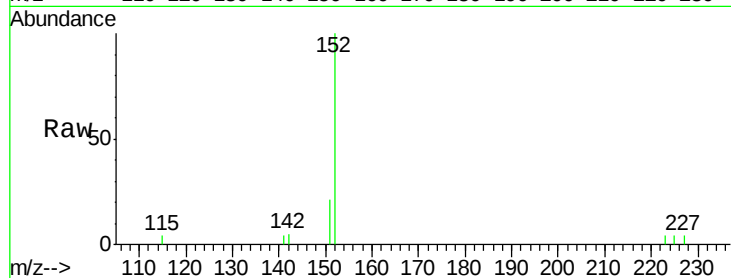
152 100

151 20.0 15.4 23.0

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#12

2-Methylnaphthalene

Concen: 0.338 ng

RT: 12.79 min Scan# 1070

Delta R.T. -0.01 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

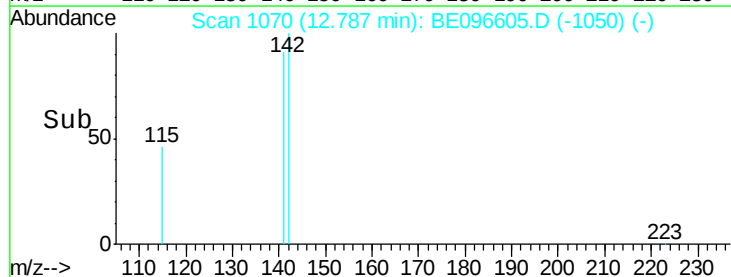
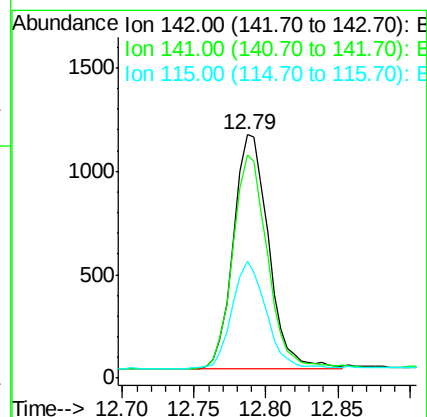
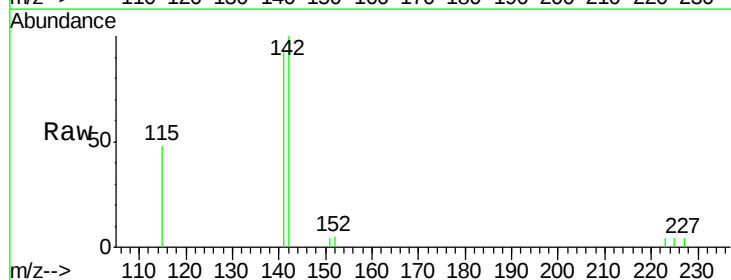
Tgt Ion:142 Resp: 1916

Ion Ratio Lower Upper

142 100

141 91.7 70.4 105.6

115 47.9 31.7 47.5#





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.92 min Scan# 1279

Delta R.T. -0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Instrument :

BNA_E

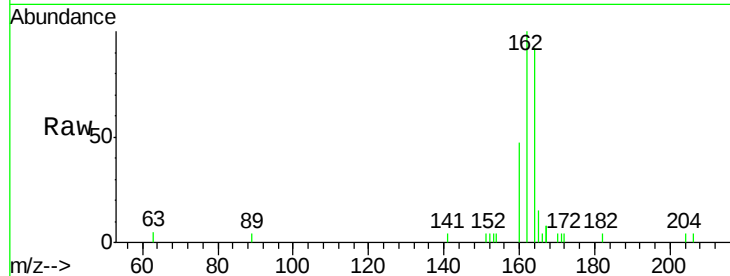
ClientSampleId :

PB109397BS

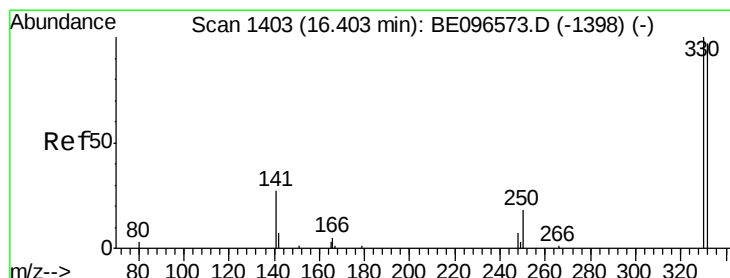
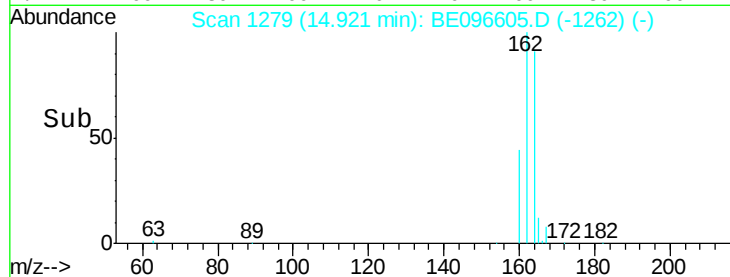
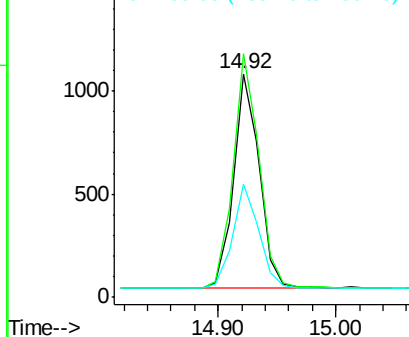
Tgt Ion:	164	Resp:	1572
Ion Ratio	Lower	Upper	
164	100		
162	109.1	83.1	124.7
160	50.8	37.1	55.7

Manual Integrations
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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: 0.290 ng

RT: 16.40 min Scan# 1403

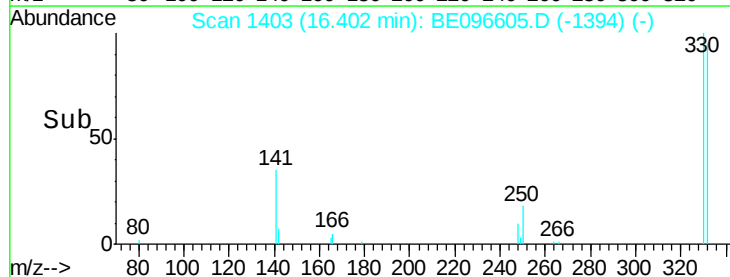
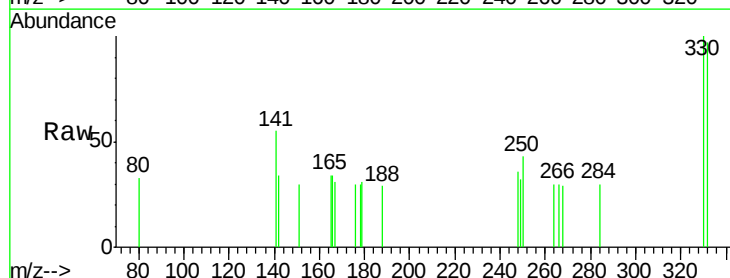
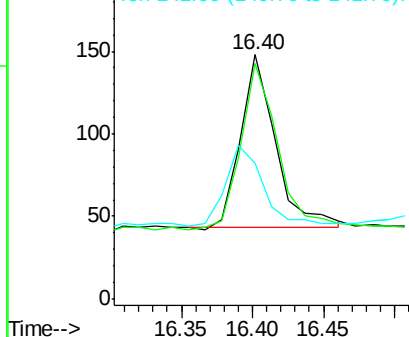
Delta R.T. -0.00 min

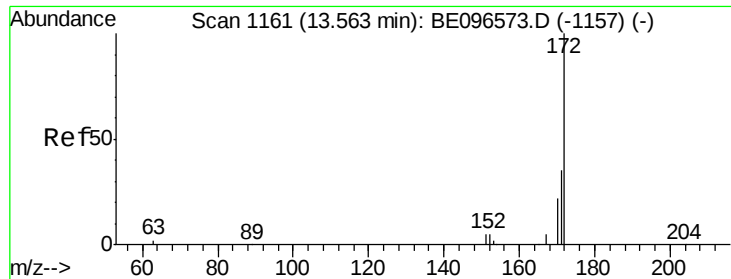
Lab File: BE096605.D

Acq: 17 May 2018 12:20

Tgt Ion:	330	Resp:	180
Ion Ratio	Lower	Upper	
330	100		
332	101.7	152.7	229.1#
141	50.6	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





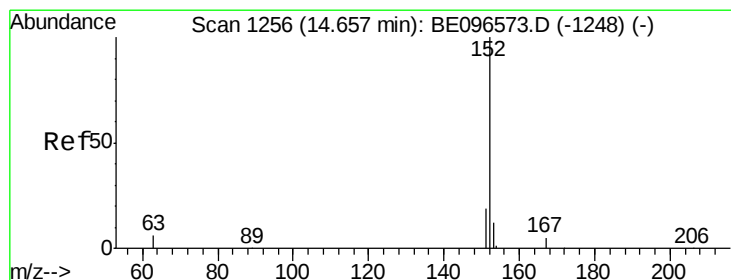
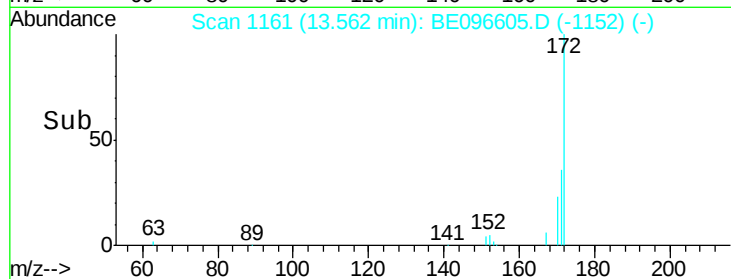
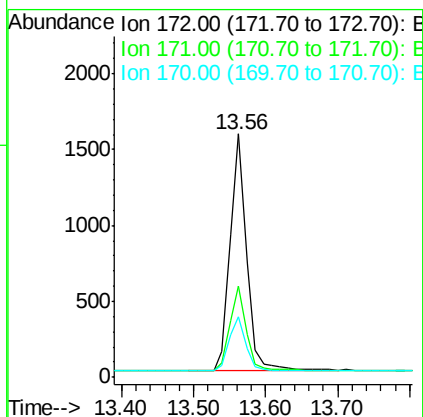
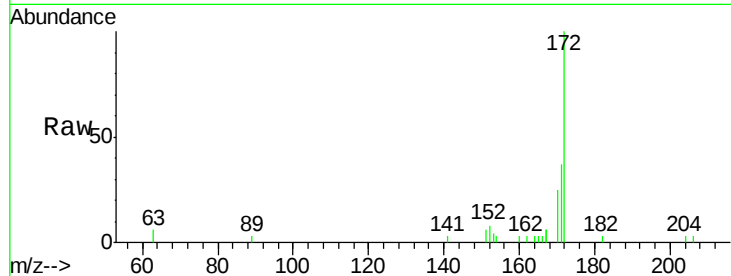
#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.56 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Instrument :
BNA_E
ClientSampleId :
PB109397BS

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	29.9	44.9
170	24.7	21.8	32.8

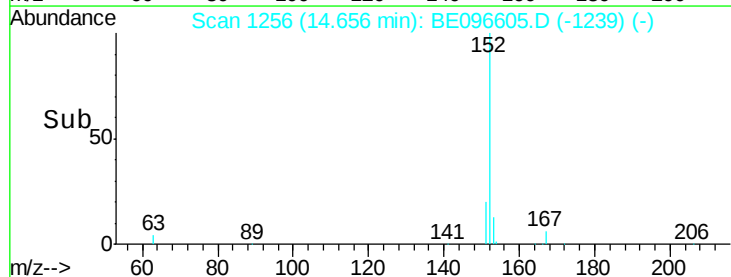
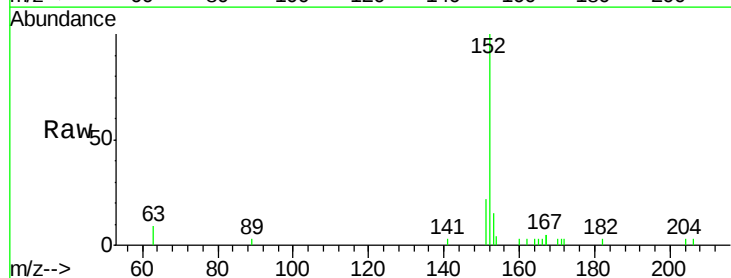
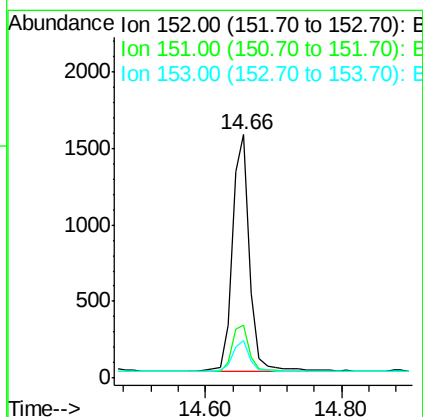
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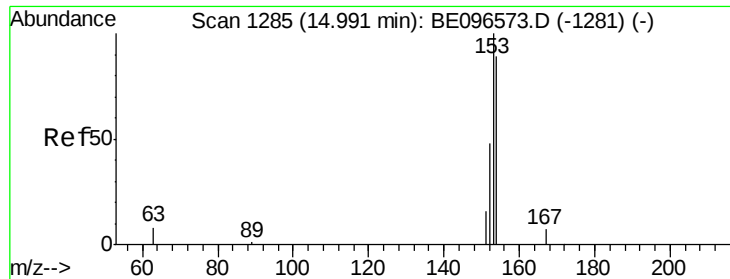
Sohil
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#16
Acenaphthylene
Concen: 0.330 ng
RT: 14.66 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.7	23.5
153	12.9	10.5	15.7





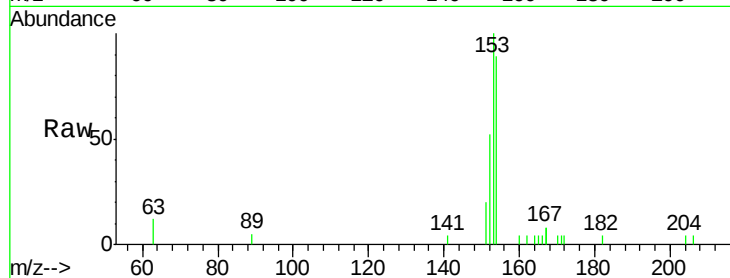
#17
Acenaphthene
Concen: 0.337 ng
RT: 14.99 min Scan# 1285
Delta R.T. -0.00 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Instrument :
BNA_E
ClientSampleId :
PB109397BS

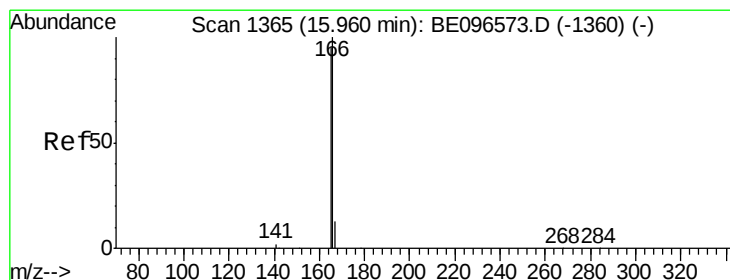
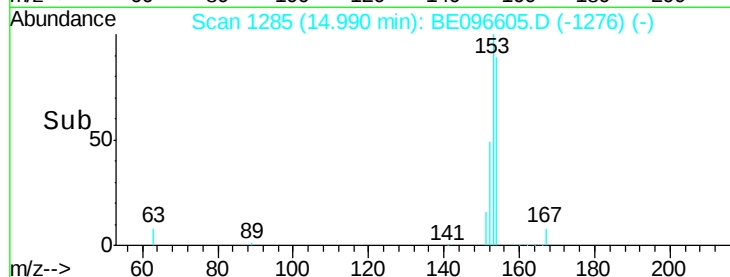
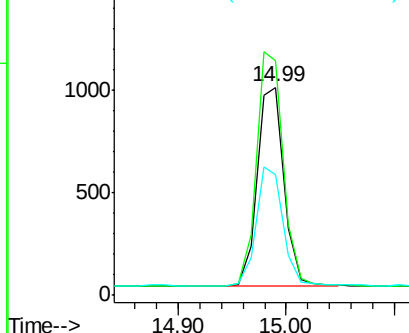
Tgt Ion	Ratio	Lower	Upper
154	100		
153	117.9	89.2	133.8
152	59.8	42.0	63.0

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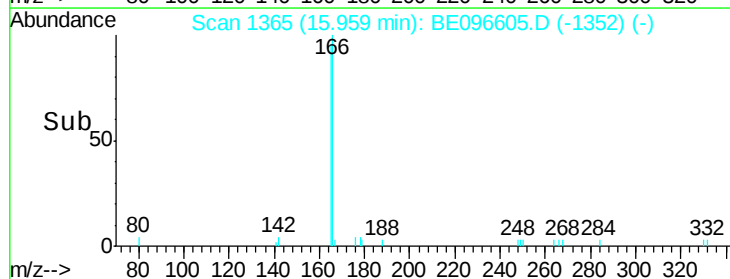
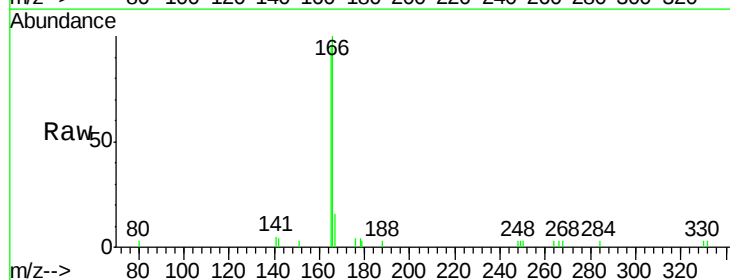
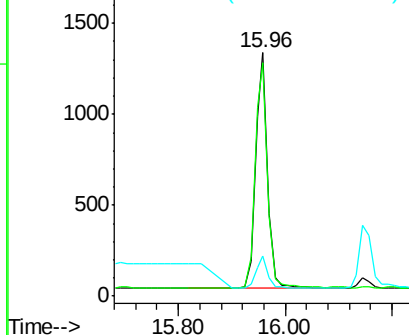
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

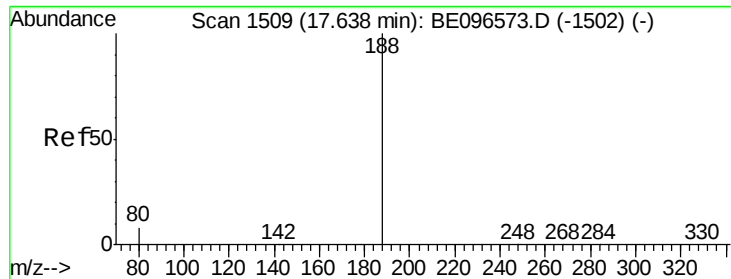


#18
Fluorene
Concen: 0.396 ng
RT: 15.96 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Tgt Ion	Ratio	Lower	Upper
166	100		
165	103.7	77.8	116.6
167	10.9	42.4	63.6#

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.64 min Scan# 1509

Delta R.T. -0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Instrument :

BNA_E

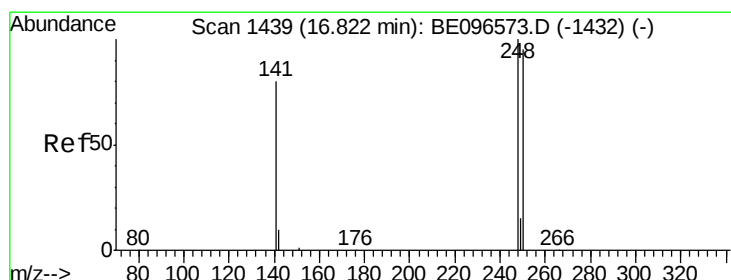
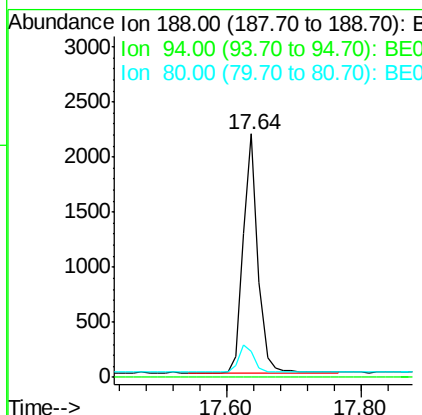
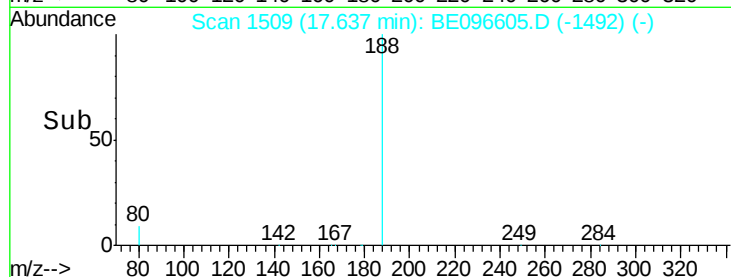
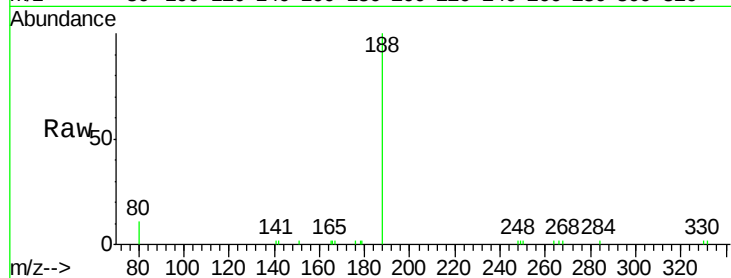
ClientSampleId :

PB109397BS

Tgt Ion:	188	Resp:	3271
Ion Ratio	Lower	Upper	
188	100		
94	0.0	3.9	5.9#
80	10.8	3.6	5.4#

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#20

4-Bromophenyl-phenylether

Concen: 0.320 ng

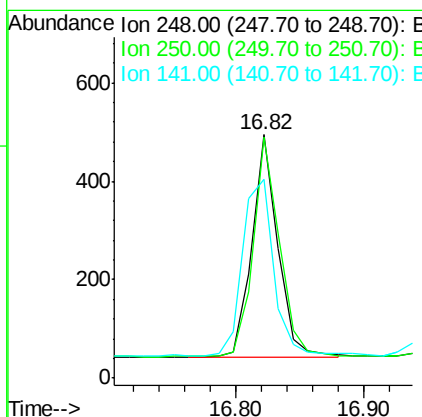
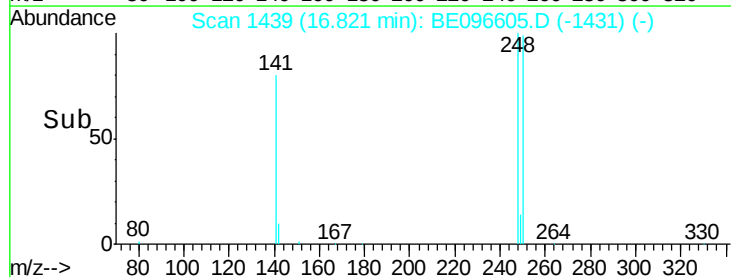
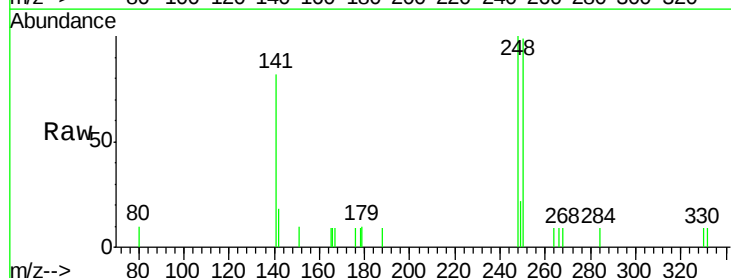
RT: 16.82 min Scan# 1439

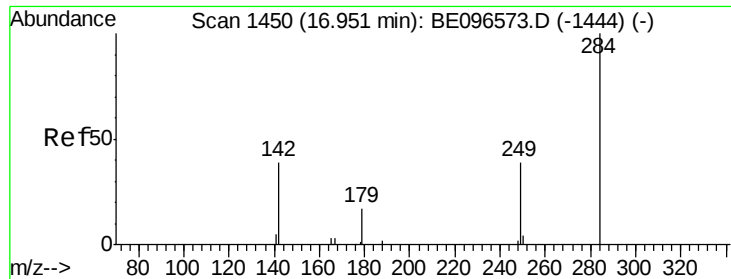
Delta R.T. -0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Tgt Ion:	248	Resp:	636
Ion Ratio	Lower	Upper	
248	100		
250	99.2	62.7	94.1#
141	81.8	48.2	72.2#





#21

Hexachlorobenzene

Concen: 0.315 ng

RT: 16.95 min Scan# 1450

Delta R.T. -0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Instrument :

BNA_E

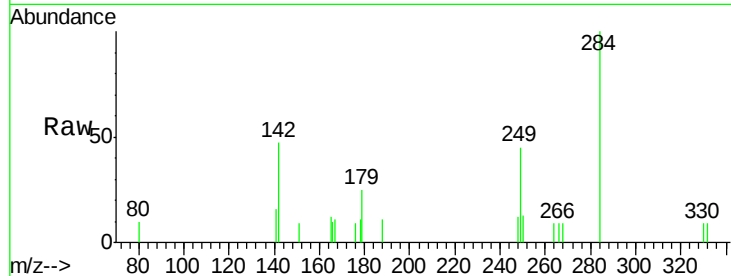
ClientSampleId :

PB109397BS

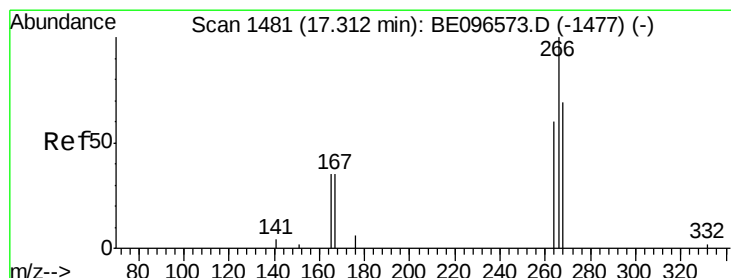
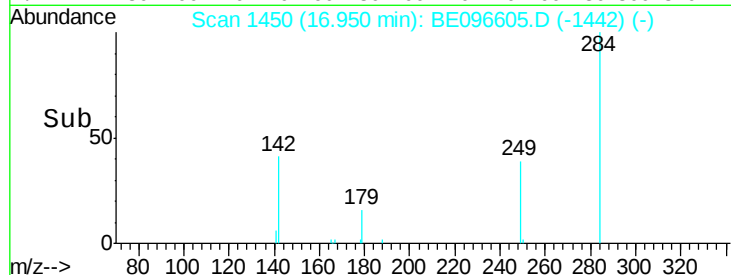
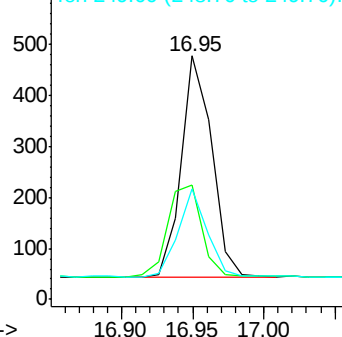
Tgt Ion:	284	Resp:	652
Ion Ratio	Lower	Upper	
284	100		
142	46.5	22.1	33.1#
249	37.0	34.8	52.2

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Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#22

Pentachlorophenol

Concen: 0.361 ng

RT: 17.31 min Scan# 1481

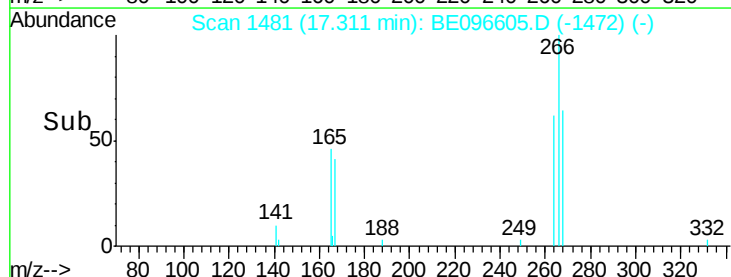
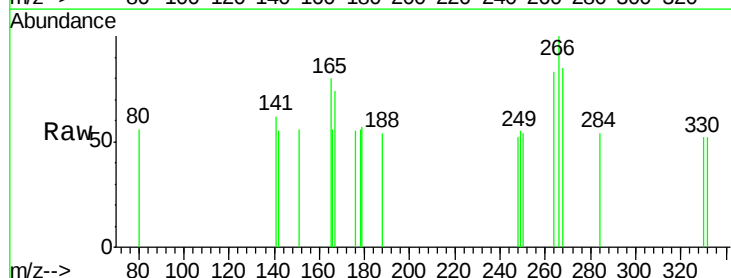
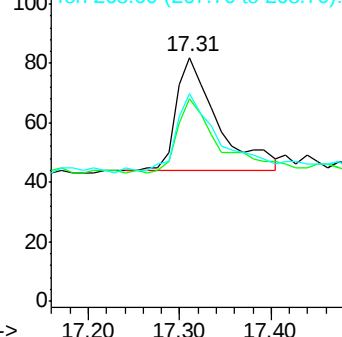
Delta R.T. -0.00 min

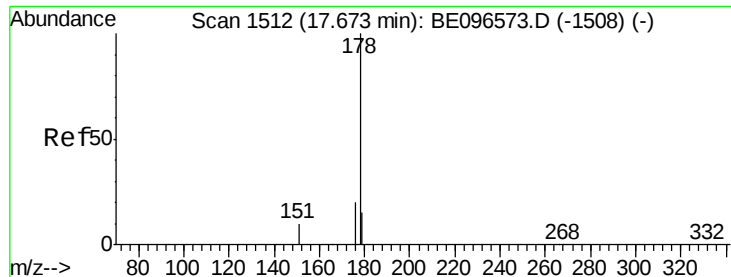
Lab File: BE096605.D

Acq: 17 May 2018 12:20

Tgt Ion:	266	Resp:	119
Ion Ratio	Lower	Upper	
266	100		
264	82.9	72.5	108.7
268	85.4	73.8	110.6

Abundance Ion 266.00 (265.70 to 266.70): E
Ion 264.00 (263.70 to 264.70): E
Ion 268.00 (267.70 to 268.70): E





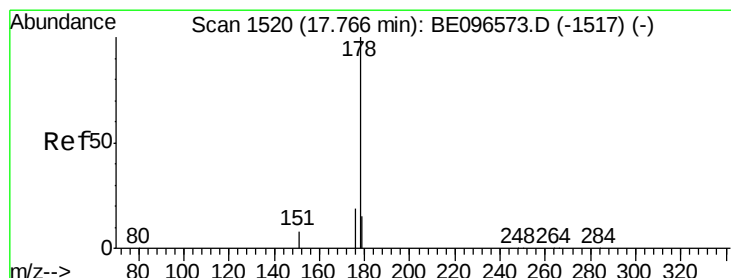
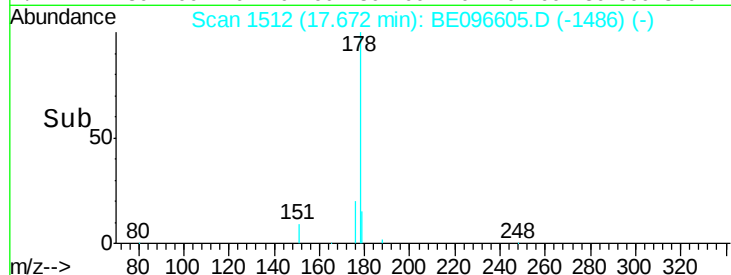
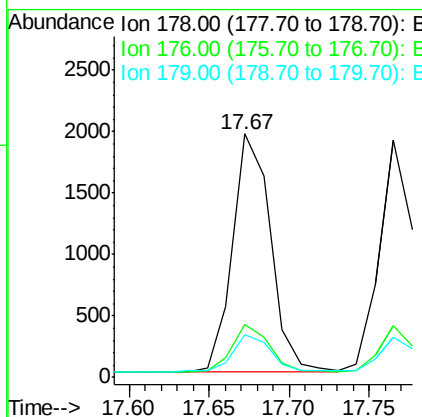
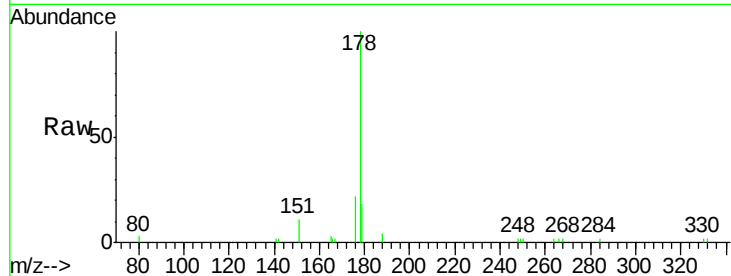
#23
Phenanthrene
Concen: 0.345 ng
RT: 17.67 min Scan# 1512
Delta R.T. -0.00 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Instrument :
BNA_E
ClientSampleId :
PB109397BS

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.1	22.7
179	15.2	11.8	17.6

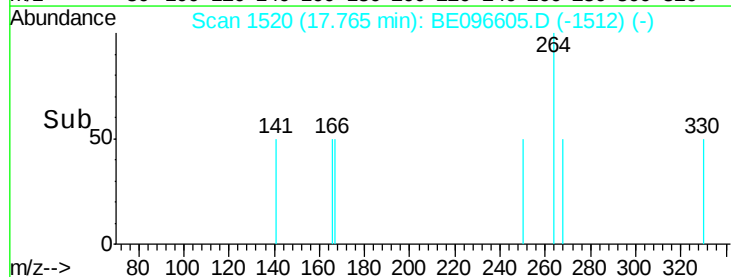
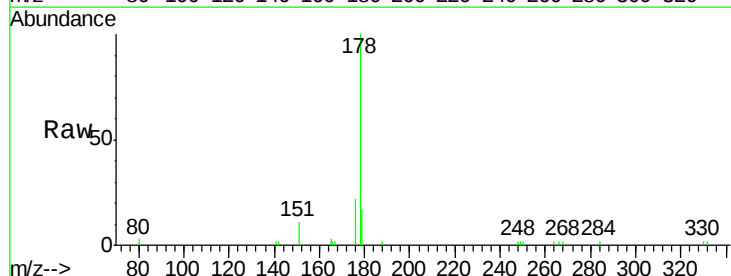
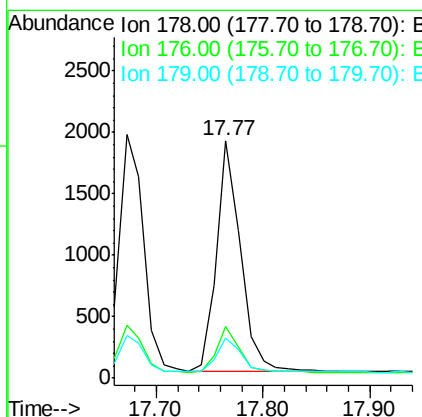
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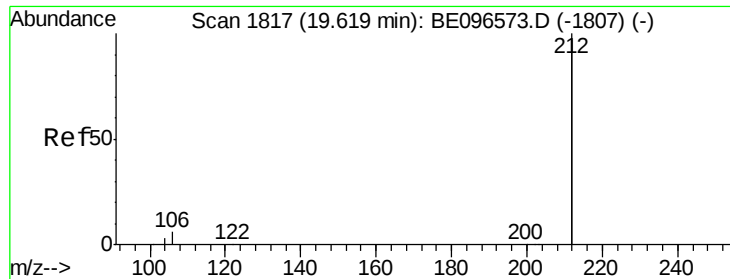
Sohil
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#24
Anthracene
Concen: 0.344 ng
RT: 17.77 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.5	12.8	19.2#
179	14.7	13.0	19.6





#25

Fluoranthene-d10

Concen: 0.349 ng

RT: 19.62 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Instrument :

BNA_E

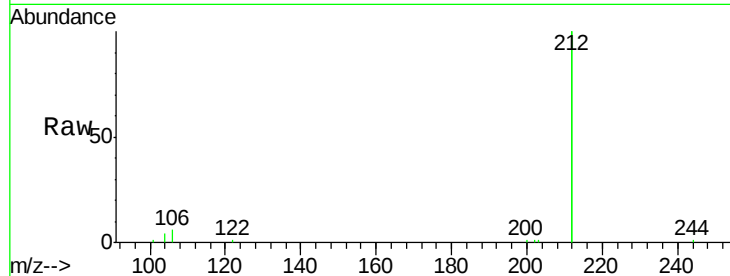
ClientSampled :

PB109397BS

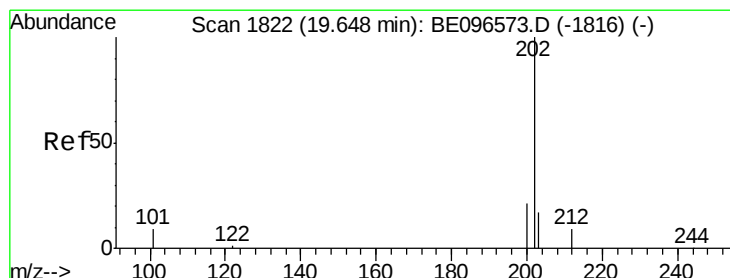
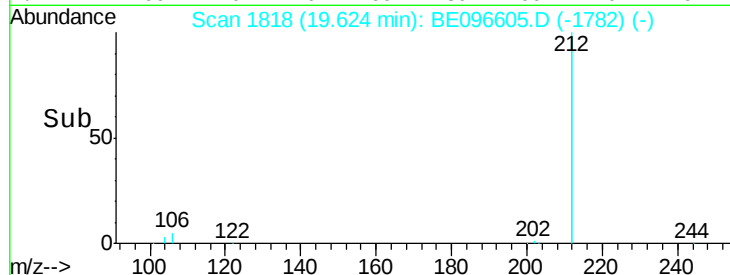
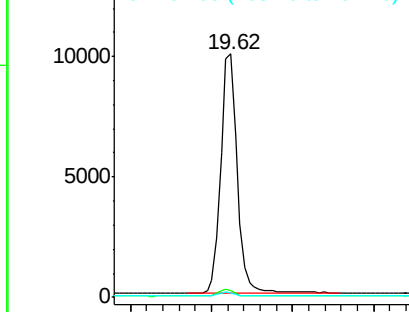
Tgt Ion:	212	Resp:	13976
Ion Ratio	Lower	Upper	
212	100		
106	2.7	2.8	4.2#
104	1.6	1.6	2.4

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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: 0.355 ng

RT: 19.65 min Scan# 1823

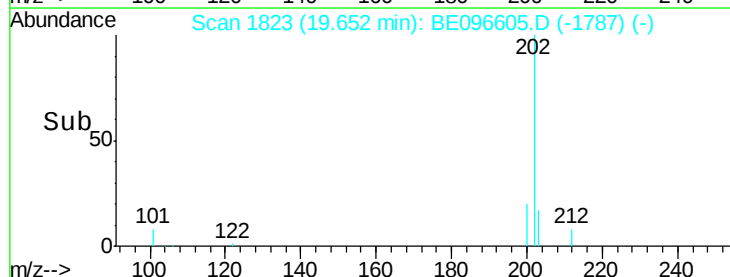
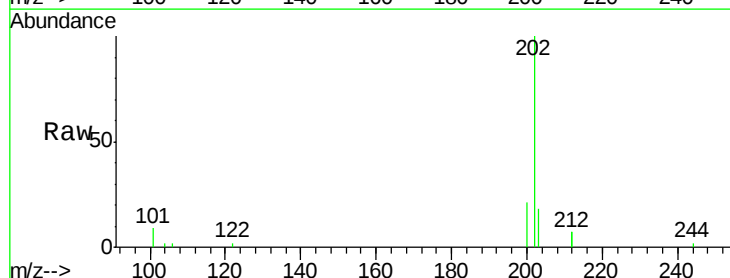
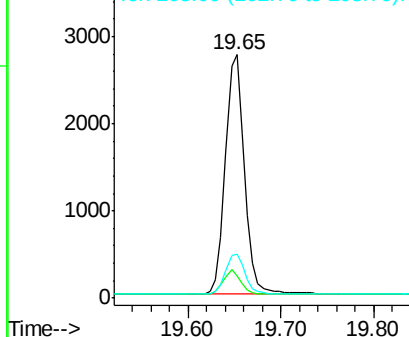
Delta R.T. 0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Tgt Ion:	202	Resp:	3903
Ion Ratio	Lower	Upper	
202	100		
101	9.6	9.8	14.8#
203	17.0	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: 21.73 min Scan# 2023

Delta R.T. 0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Instrument :

BNA_E

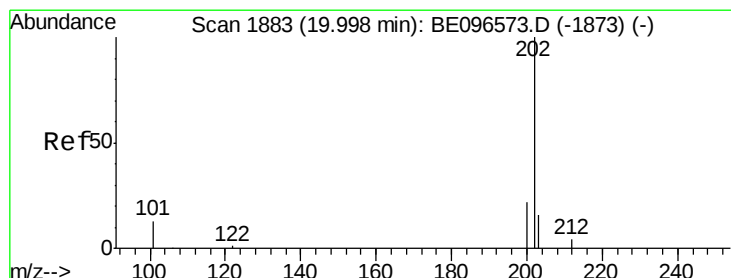
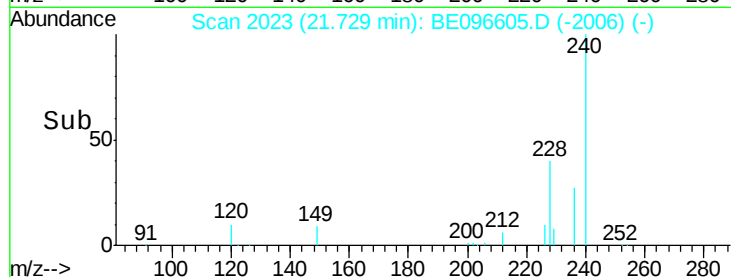
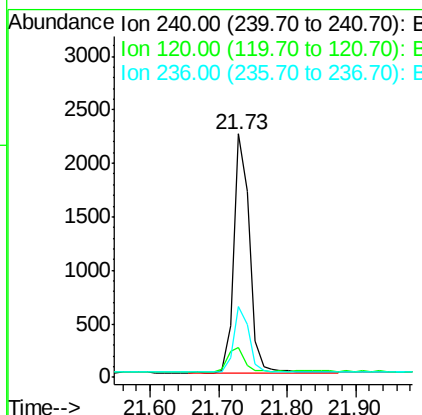
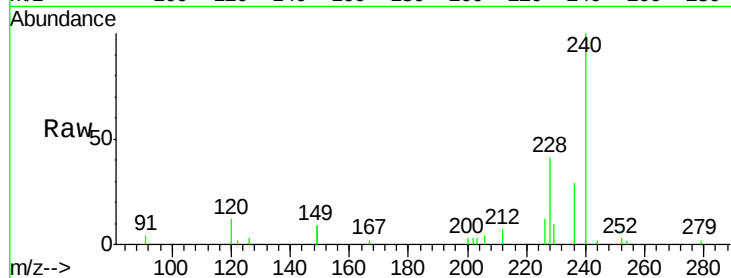
ClientSampleId :

PB109397BS

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	3523		
120	12.1	5.5	8.3#	
236	28.9	20.7	31.1	

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#28

Pyrene

Concen: 0.235 ng

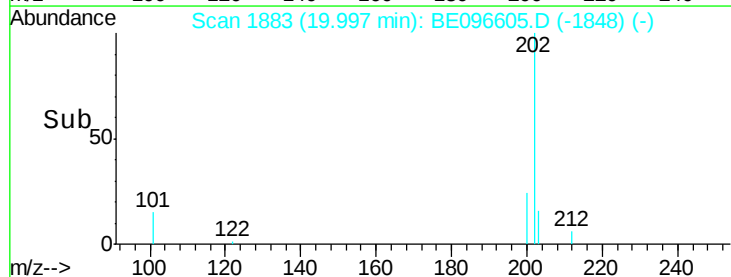
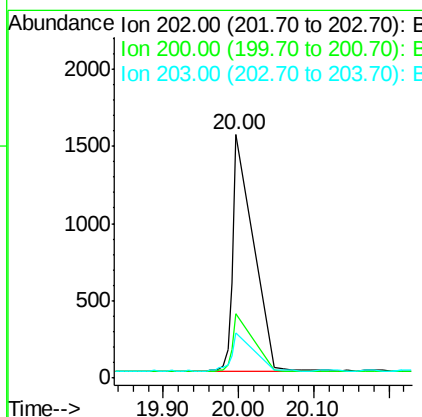
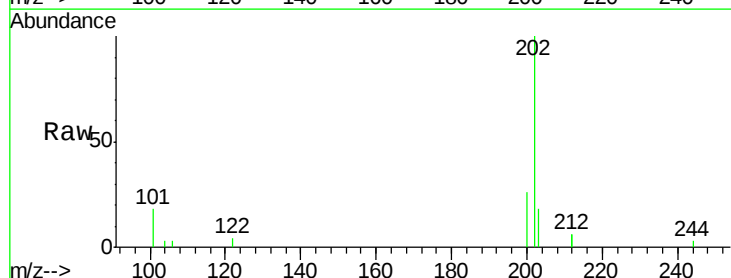
RT: 20.00 min Scan# 1883

Delta R.T. -0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1493		
200	27.1	16.6	25.0#	
203	19.4	13.8	20.8	





#29

Terphenyl-d14

Concen: 0.319 ng

RT: 20.18 min Scan# 1895

Delta R.T. 0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Instrument :

BNA_E

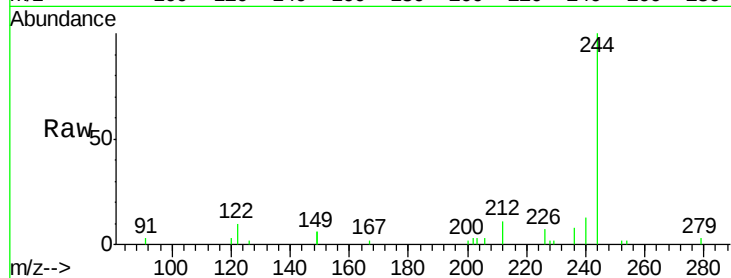
ClientSampleId :

PB109397BS

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.8	25.4	38.0#
122	10.2	8.1	12.1

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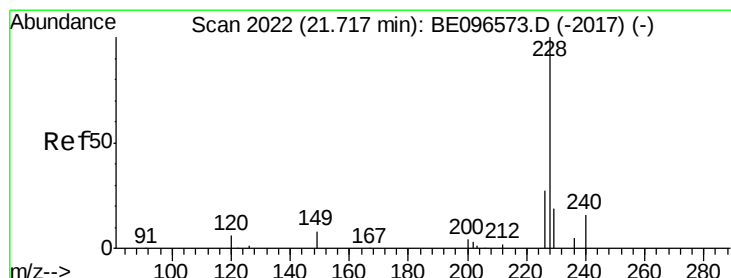
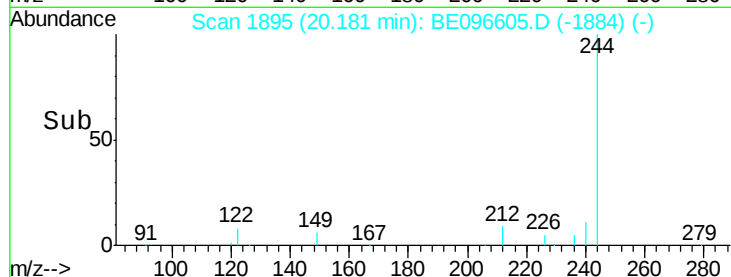
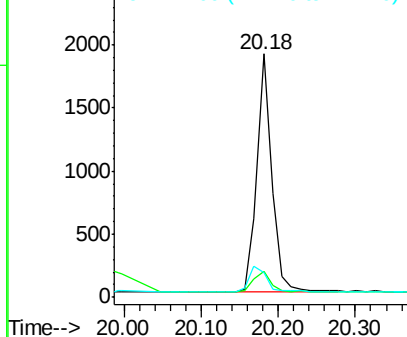


Abundance

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: 0.352 ng

RT: 21.72 min Scan# 222

Delta R.T. 0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

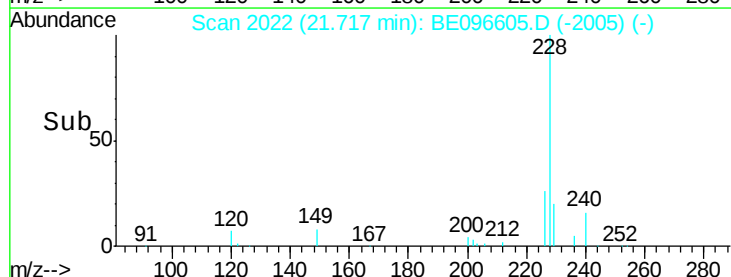
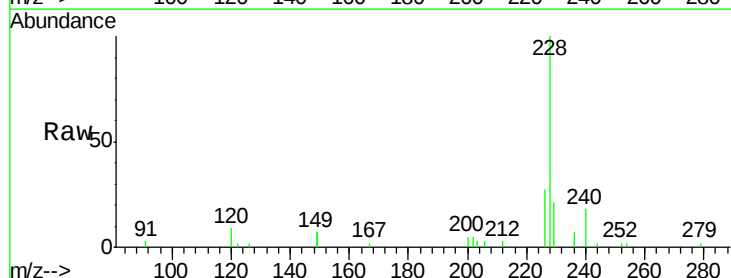
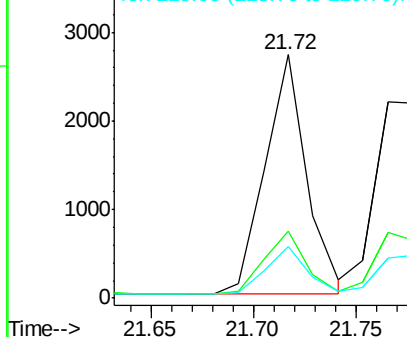
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.4	24.0	36.0
229	21.4	16.0	24.0

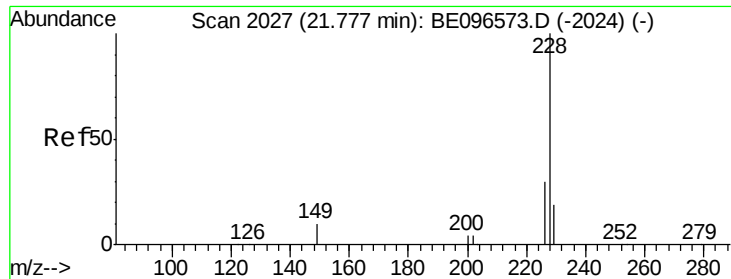
Abundance

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: 0.341 ng

RT: 21.77 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

Instrument :

BNA_E

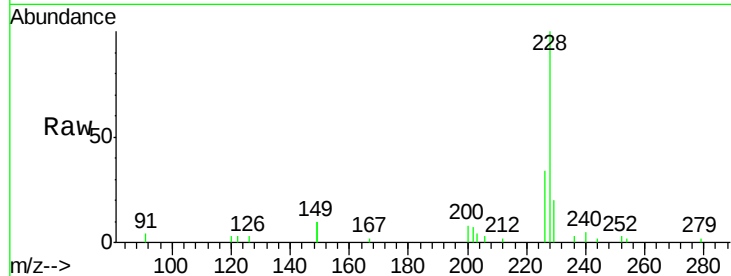
ClientSampled :

PB109397BS

Tgt Ion:	228	Resp:	3851
Ion Ratio	Lower	Upper	
228	100		
226	33.8	24.0	36.0
229	20.3	16.0	24.0

Manual Integrations
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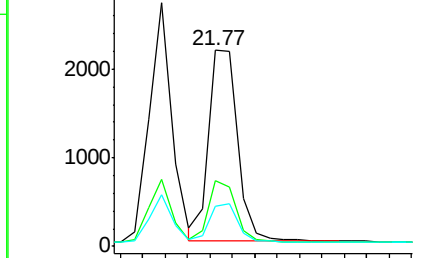
Sohil
5/18/2018 4:33:01 PM



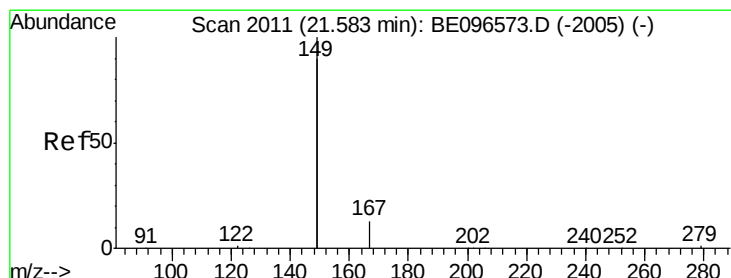
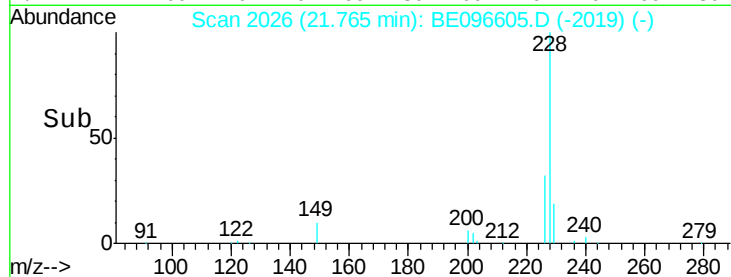
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#32

Bis(2-ethylhexyl)phthalate

Concen: 0.276 ng

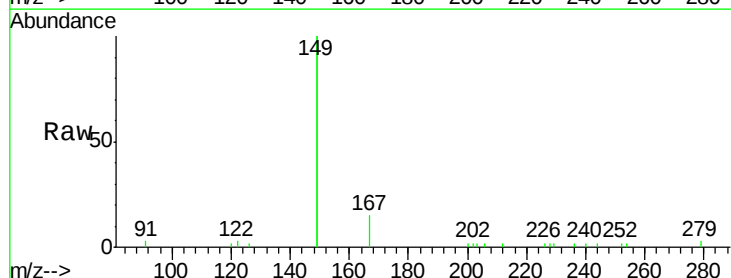
RT: 21.58 min Scan# 2011

Delta R.T. 0.00 min

Lab File: BE096605.D

Acq: 17 May 2018 12:20

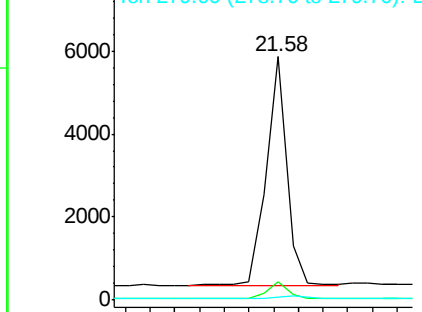
Tgt Ion:	149	Resp:	6393
Ion Ratio	Lower	Upper	
149	100		
167	6.9	5.4	8.0
279	0.9	0.7	1.1



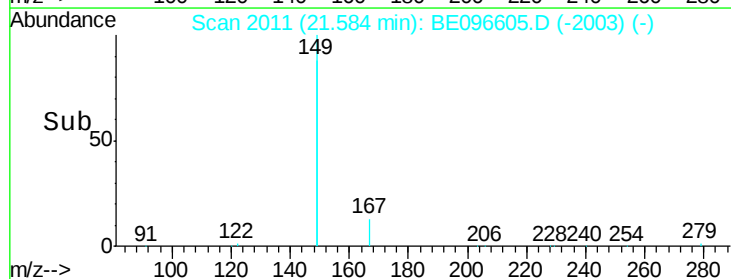
Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





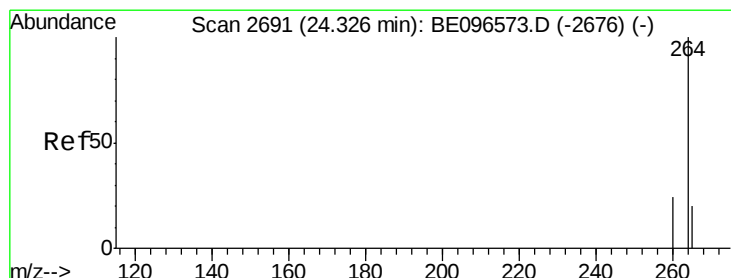
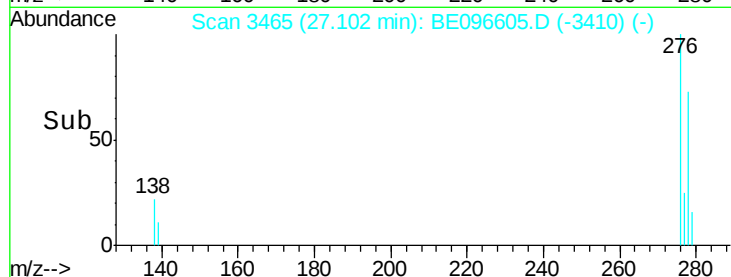
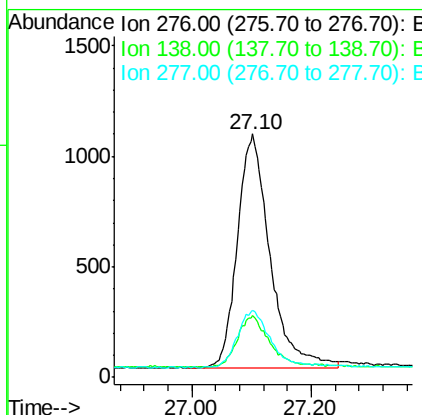
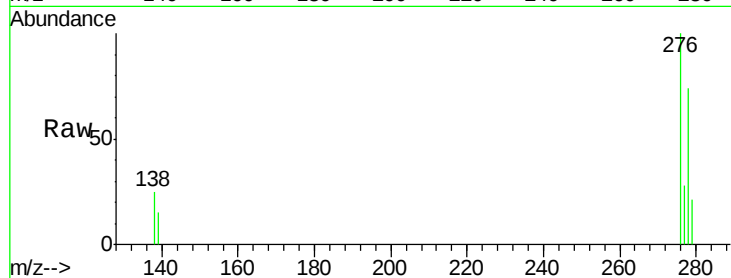
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.371 ng
 RT: 27.10 min Scan# 3465
 Delta R.T. -0.00 min
 Lab File: BE096605.D
 Acq: 17 May 2018 12:20

Instrument :
 BNA_E
 ClientSampleId :
 PB109397BS

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.2	22.5	33.7#
277	24.1	19.9	29.9

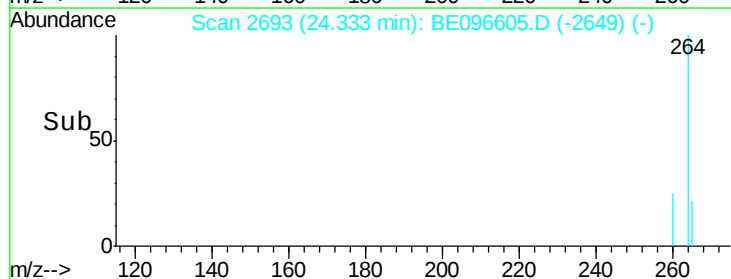
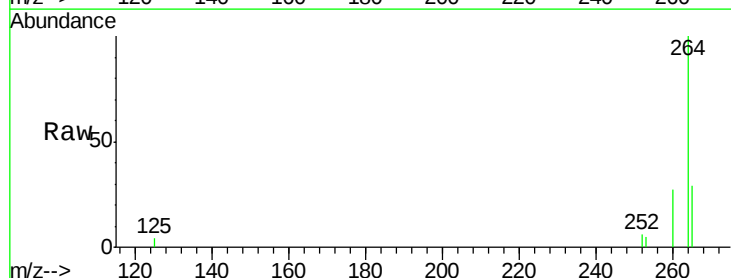
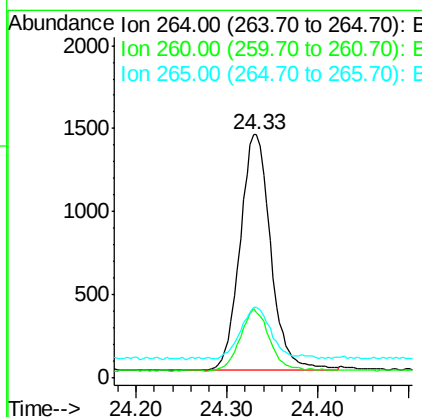
Manual Integrations
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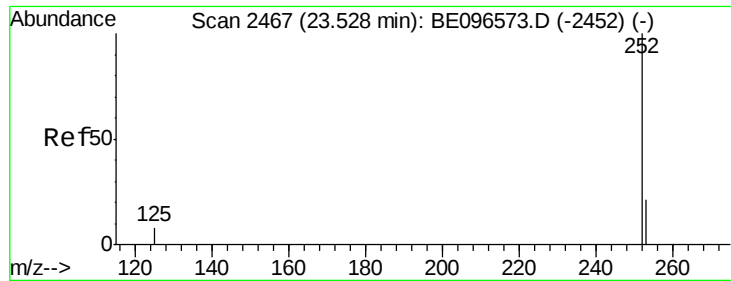
Sohil
 5/18/2018 4:33:01 PM



#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 24.33 min Scan# 2693
 Delta R.T. 0.01 min
 Lab File: BE096605.D
 Acq: 17 May 2018 12:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.5	30.7
265	29.0	22.8	34.2





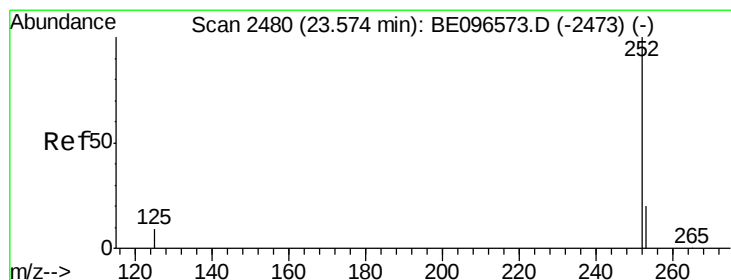
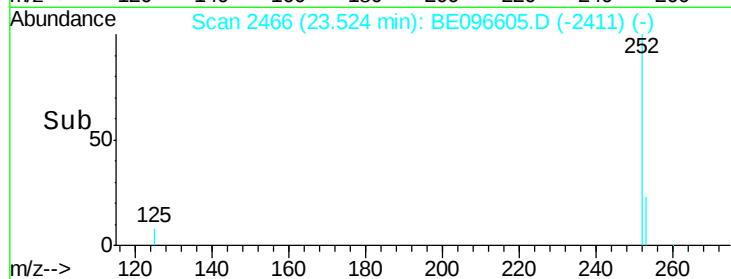
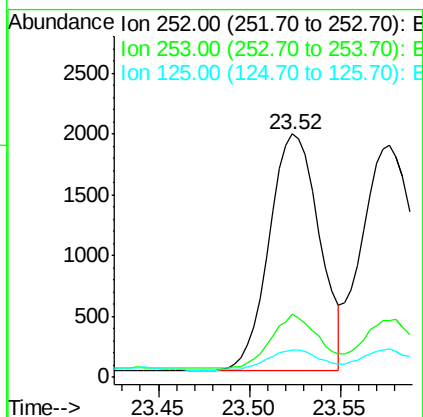
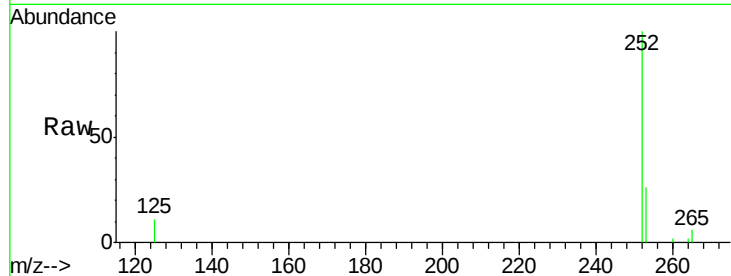
#35
Benzo(b)fluoranthene
Concen: 0.363 ng
RT: 23.52 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Instrument :
BNA_E
ClientSampleId :
PB109397BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.8	20.0	30.0
125	11.3	16.0	24.0#

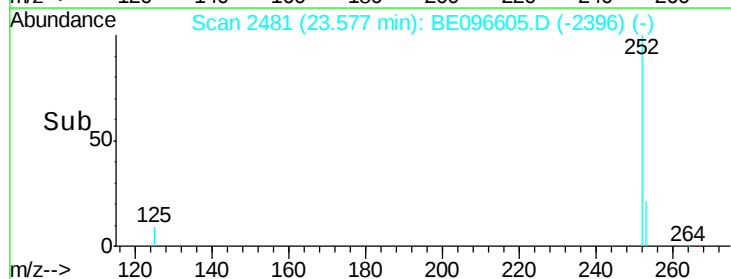
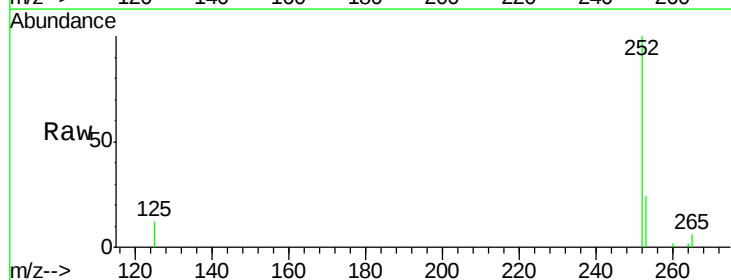
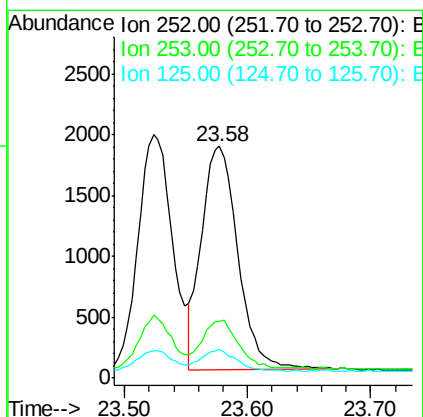
Manual Integrations
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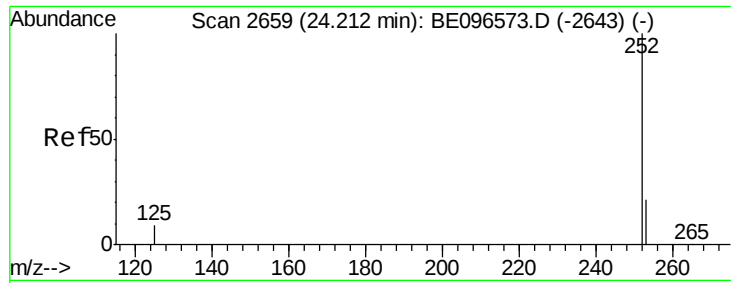
Sohil
5/18/2018 4:33:01 PM



#36
Benzo(k)fluoranthene
Concen: 0.350 ng
RT: 23.58 min Scan# 2481
Delta R.T. 0.00 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.0	24.0#
125	12.3	8.0	12.0#





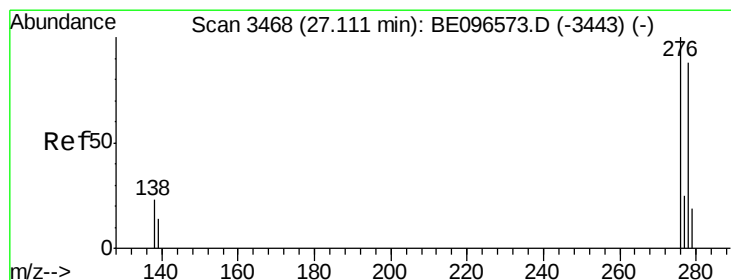
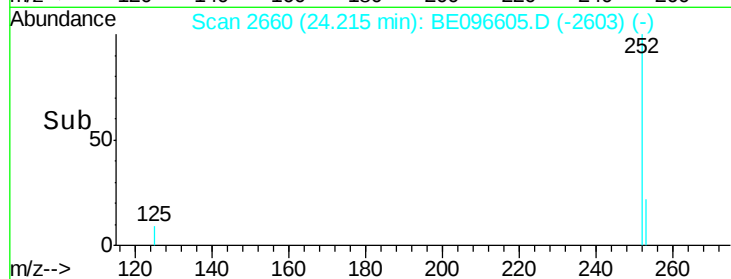
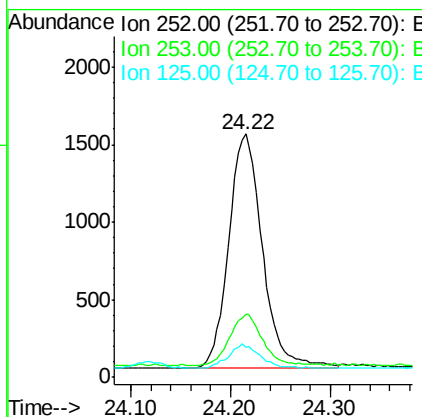
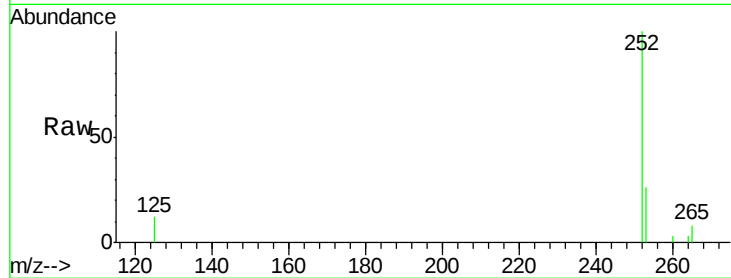
#37
Benzo(a)pyrene
Concen: 0.365 ng
RT: 24.22 min Scan# 2660
Delta R.T. 0.00 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Instrument :
BNA_E
ClientSampleId :
PB109397BS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	16.0	24.0
125	12.4	12.0	18.0

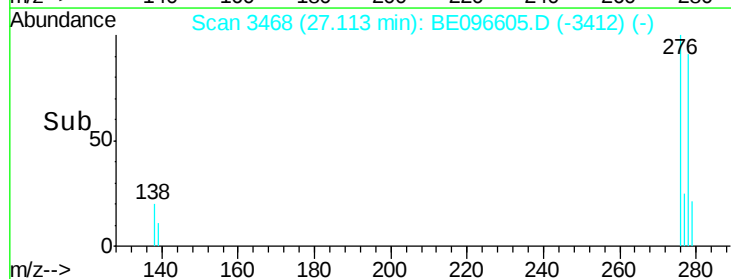
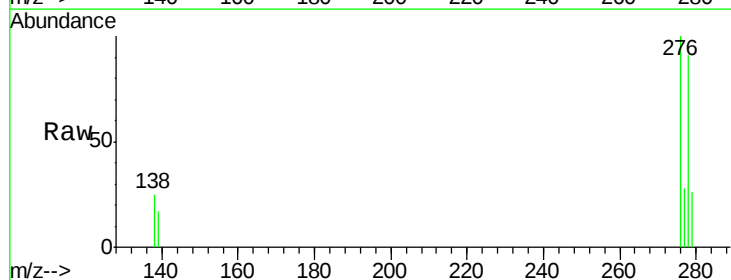
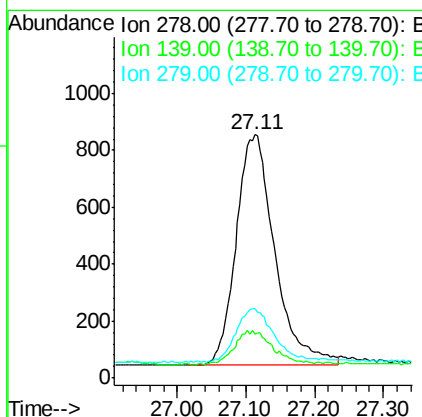
Manual Integrations
APPROVED

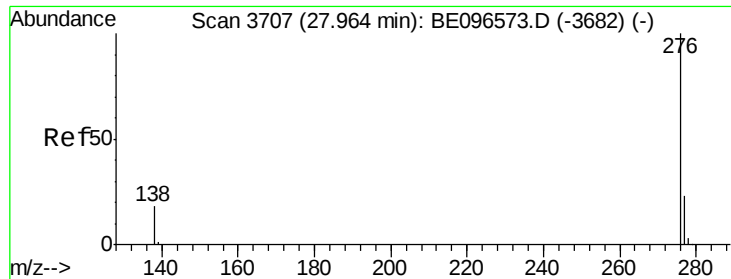
Sohil
5/18/2018 4:33:01 PM



#38
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 27.11 min Scan# 3468
Delta R.T. 0.00 min
Lab File: BE096605.D
Acq: 17 May 2018 12:20

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.2	16.0	24.0
279	28.5	20.0	30.0





#39

Benzo(g,h,i)perylene

Concen: 0.365 ng

RT: 27.96 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BE096605.D

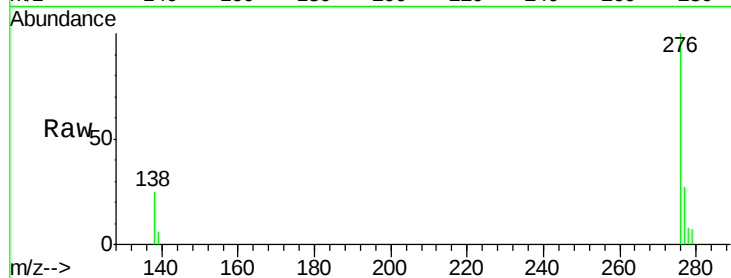
Acq: 17 May 2018 12:20

Instrument :

BNA_E

ClientSampleId :

PB109397BS



Tgt Ion:	276	Resp:	3414
Ion Ratio	Lower	Upper	
276	100		
277	26.5	16.0	24.0#
138	25.2	20.0	30.0

Manual Integrations
APPROVED

Sohil
5/18/2018 4:33:01 PM

