

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030819\
 Data File : BE098835.D
 Acq On : 8 Mar 2019 15:31
 Operator : JU/SJ
 Sample : K1793-08MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190306MS

Manual Integrations
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 3/11/2019 8:42:13 AM

Quant Time: Mar 09 04:46:23 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Wed Mar 06 15:33:24 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	750	0.40	ng	0.01
7) Naphthalene-d8	10.60	136	3180	0.40	ng	0.01
13) Acenaphthene-d10	14.47	164	1998	0.40	ng	0.01
19) Phenanthrene-d10	17.21	188	4988	0.40	ng	0.00
27) Chrysene-d12	21.40	240	7073	0.40	ng	0.00
34) Perylene-d12	23.91	264	6871	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.41	112	340	0.15	ng	0.03
5) Phenol-d6	7.00	99	356	0.11	ng	0.01
8) Nitrobenzene-d5	8.98	82	1370	0.41	ng	0.01
11) 2-Methylnaphthalene-d10	12.21	152	2092m	0.36	ng	0.01
14) 2,4,6-Tribromophenol	15.97	330	439	0.44	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	3685	0.45	ng	0.00
25) Fluoranthene-d10	19.25	212	29680	0.37	ng	0.00
29) Terphenyl-d14	19.84	244	8058	0.47	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	3722	3.119	ng	94
3) n-Nitrosodimethylamine	3.63	42	259	0.137	ng	# 14
6) bis(2-Chloroethyl)ether	7.24	93	791	0.324	ng	# 76
9) Naphthalene	10.65	128	13075	0.359	ng	100
10) Hexachlorobutadiene	10.93	225	741	0.308	ng	94
12) 2-Methylnaphthalene	12.28	142	2154	0.365	ng	98
16) Acenaphthylene	14.18	152	3471	0.338	ng	98
17) Acenaphthene	14.53	154	2214	0.363	ng	95
18) Fluorene	15.51	166	3055	0.348	ng	97
20) 4-Bromophenyl-phenylether	16.41	248	968	0.358	ng	# 82
21) Hexachlorobenzene	16.52	284	1130	0.352	ng	98
22) Pentachlorophenol	16.89	266	618	0.829	ng	# 82
23) Phenanthrene	17.25	178	5347	0.377	ng	98
24) Anthracene	17.35	178	4473	0.369	ng	99
26) Fluoranthene	19.28	202	7349	0.367	ng	100
28) Pyrene	19.64	202	7763	0.359	ng	100
30) Benzo(a)anthracene	21.38	228	8376	0.379	ng	99
31) Chrysene	21.44	228	8431	0.357	ng	99
32) Bis(2-ethylhexyl)phthalate	21.31	149	20530	0.437	ng	100
33) Indeno(1,2,3-cd)pyrene	26.55	276	9328	0.374	ng	99
35) Benzo(b)fluoranthene	23.14	252	8228m	0.364	ng	
36) Benzo(k)fluoranthene	23.19	252	8680	0.367	ng	98
37) Benzo(a)pyrene	23.79	252	8316	0.384	ng	# 98
38) Dibenzo(a,h)anthracene	26.56	278	7415	0.362	ng	97
39) Benzo(g,h,i)perylene	27.35	276	7872	0.367	ng	99

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

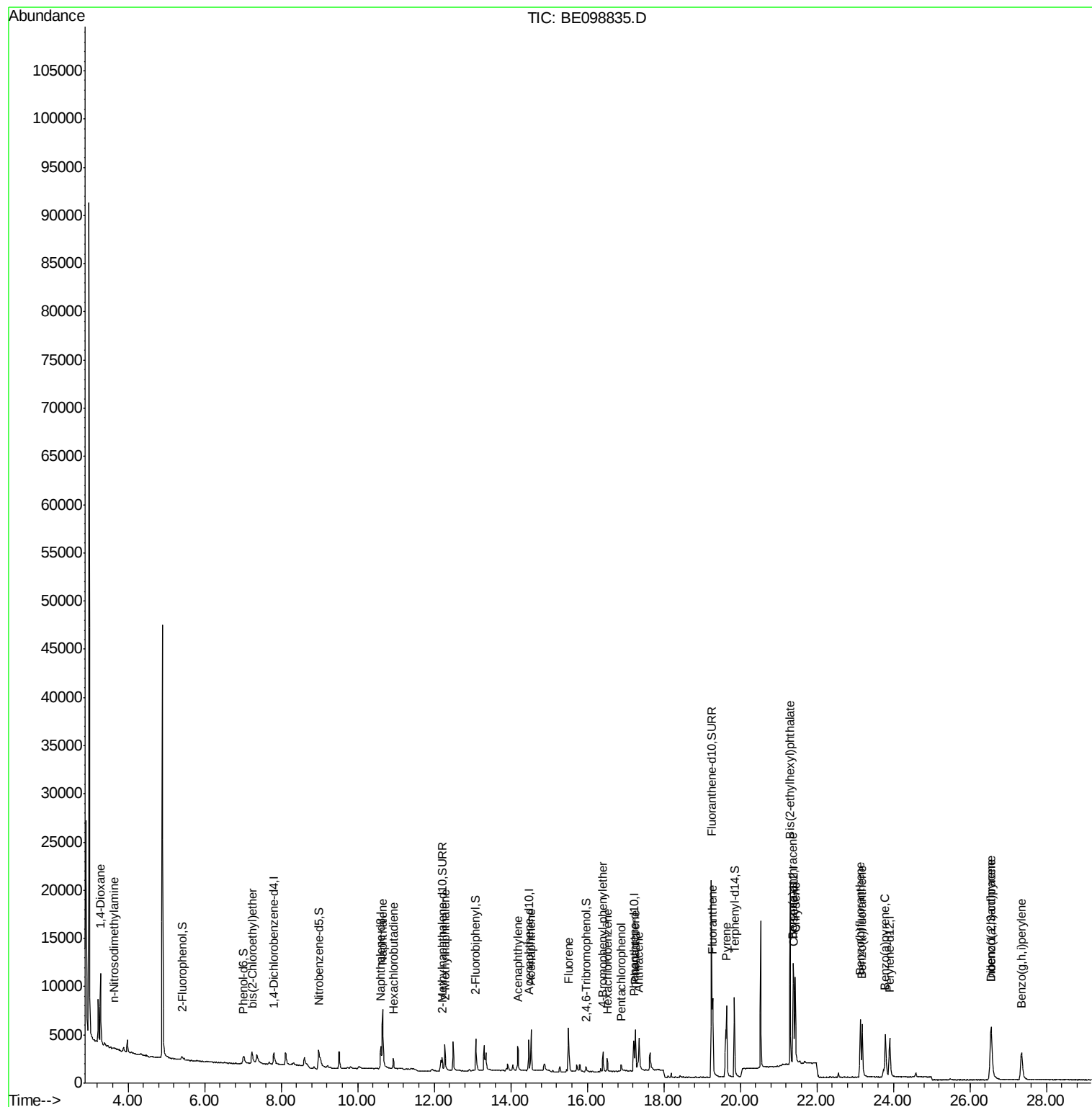
Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE030819\
Data File : BE098835.D
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Sample : K1793-08MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

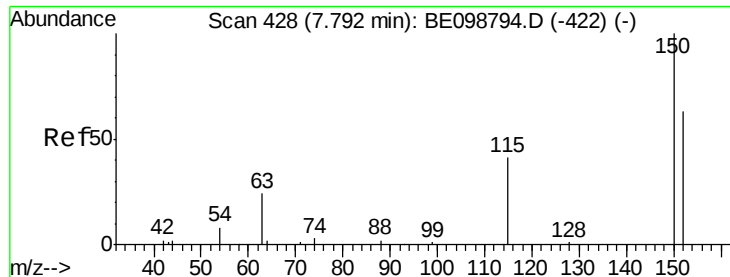
Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Quant Time: Mar 09 04:46:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE030619.M
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#1

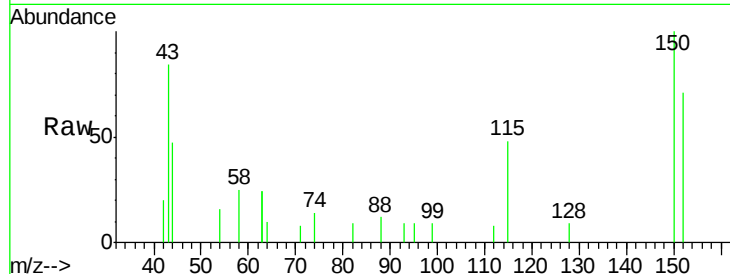
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.81 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

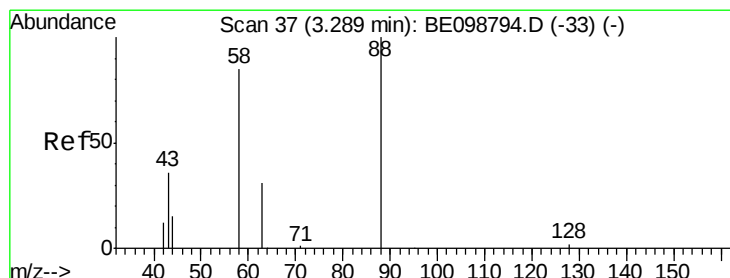
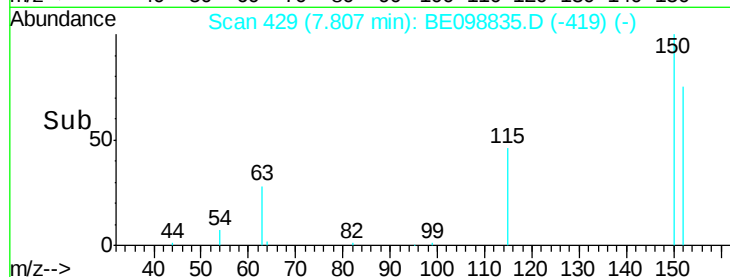
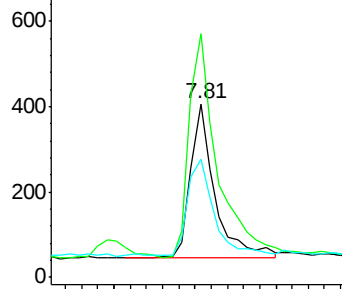
Tgt Ion	Ratio	Lower	Upper
152	100		
150	140.3	122.5	183.7
115	67.8	57.4	86.2

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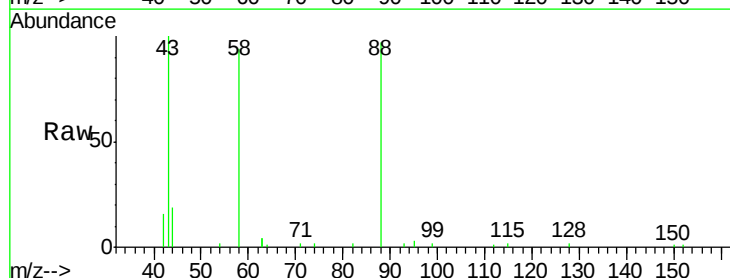
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



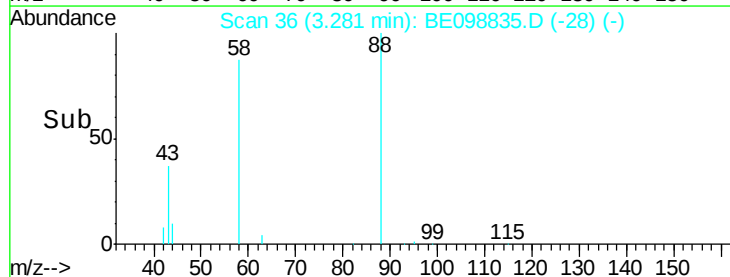
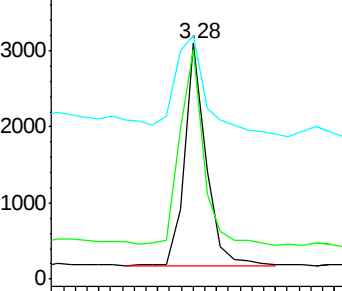
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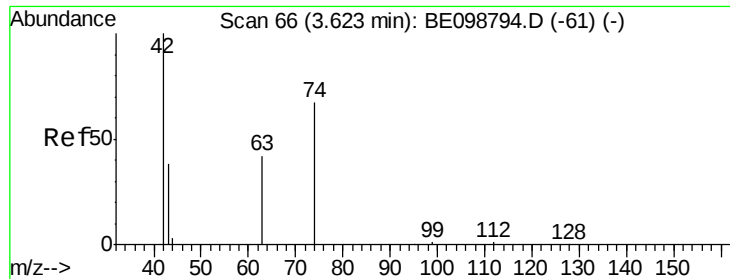
1,4-Dioxane
Concen: 3.119 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.3	75.8	113.6
43	61.8	41.8	62.8



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





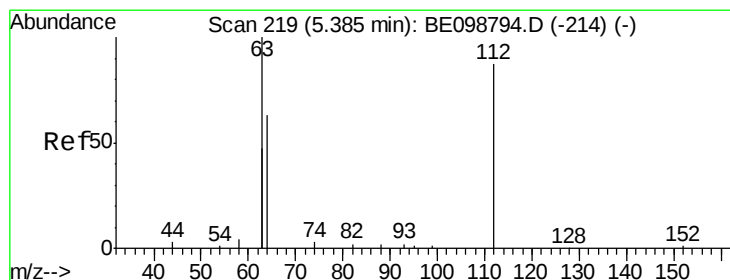
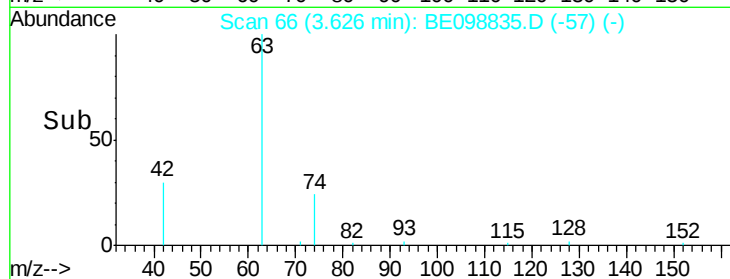
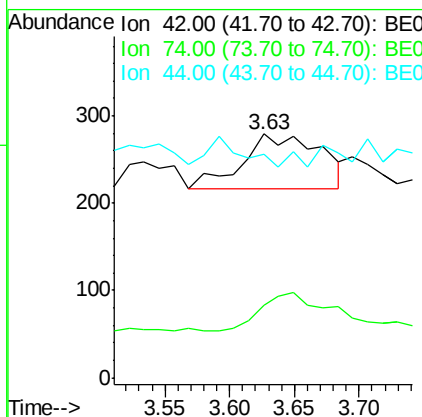
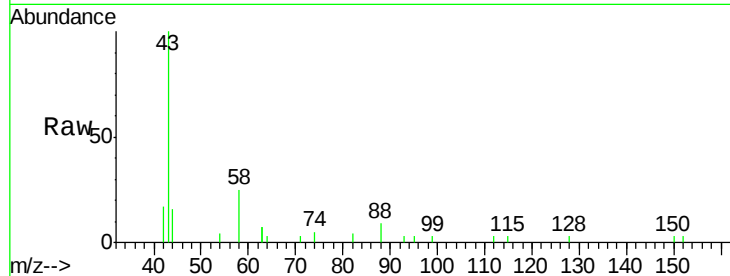
#3
n-Nitrosodimethylamine
Concen: 0.137 ng
RT: 3.63 min Scan# 66
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion	Ratio	Lower	Upper
42	100		
74	0.0	57.0	85.4#
44	0.0	0.0	0.0

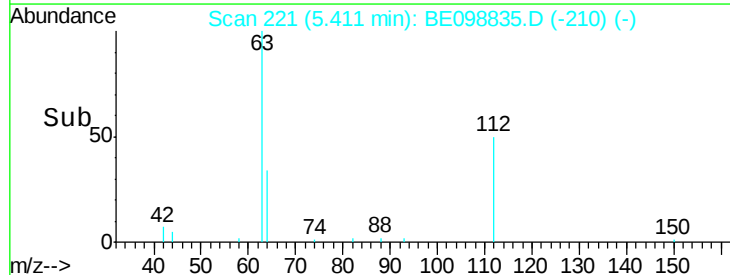
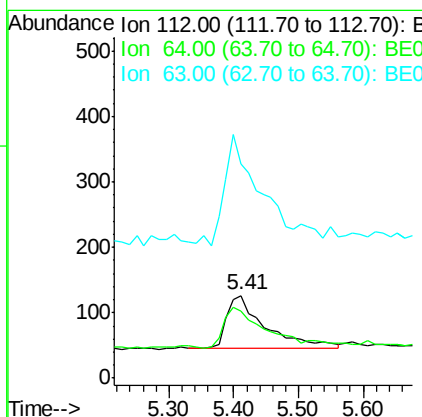
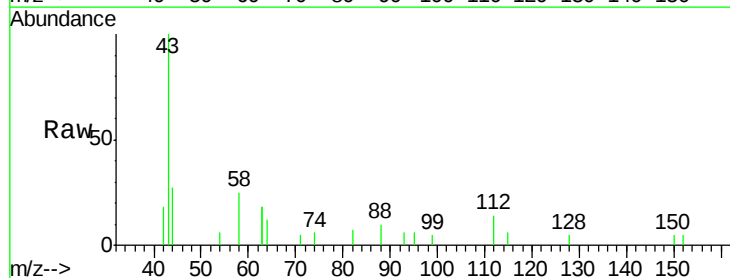
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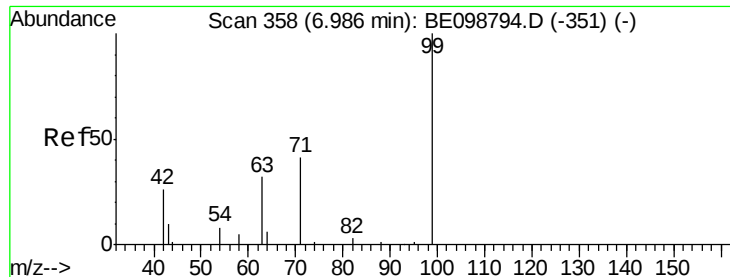
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#4
2-Fluorophenol
Concen: 0.152 ng
RT: 5.41 min Scan# 221
Delta R.T. 0.03 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
112	100		
64	89.7	57.9	86.9#
63	177.4	158.3	237.5





#5

Phenol-d6

Concen: 0.112 ng

RT: 7.00 min Scan# 359

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

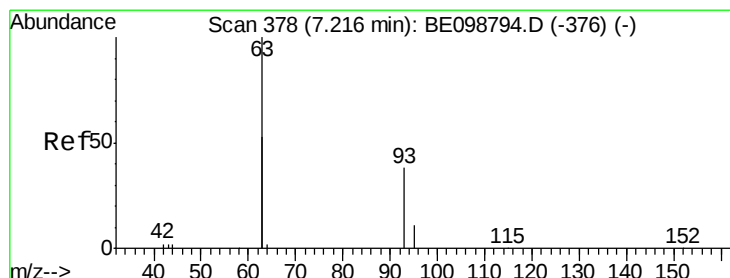
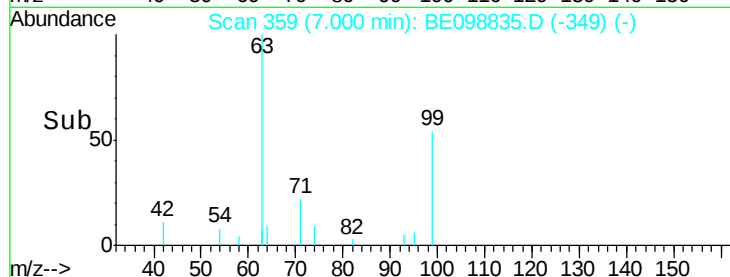
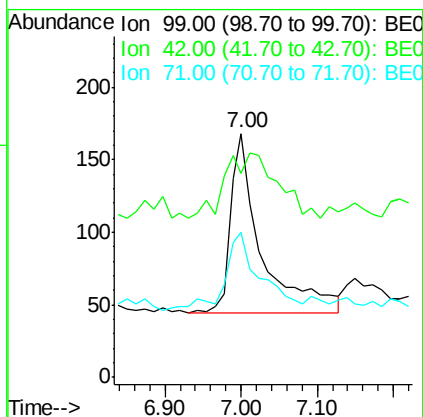
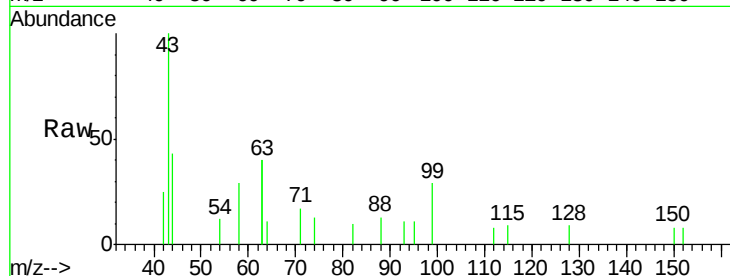
ClientSampleId :

RE123D1-20190306MS

Tgt Ion:	99	Resp:	356
Ion Ratio	Lower	Upper	
99	100		
42	59.3	24.2	36.2#
71	40.4	35.7	53.5

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#6

bis(2-Chloroethyl)ether

Concen: 0.324 ng

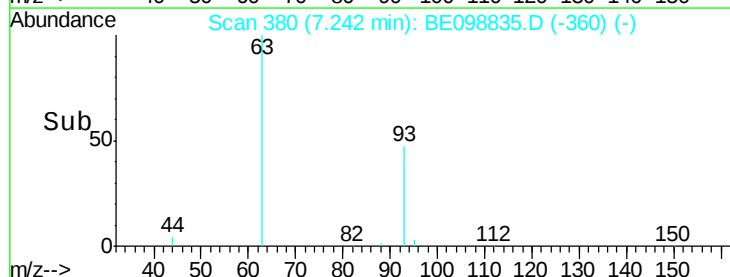
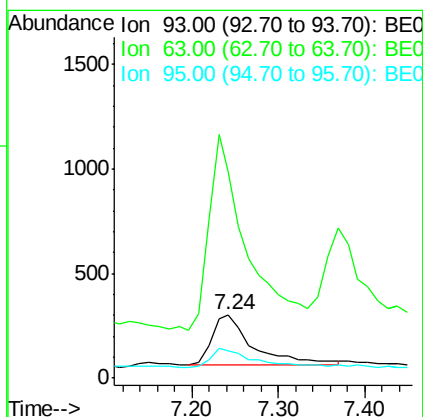
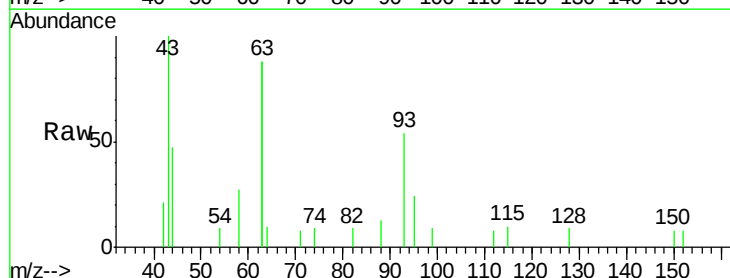
RT: 7.24 min Scan# 380

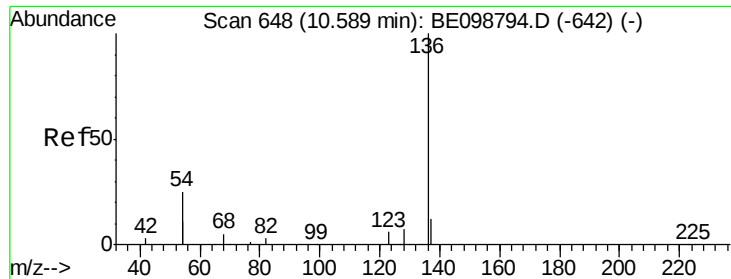
Delta R.T. 0.03 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Tgt Ion:	93	Resp:	791
Ion Ratio	Lower	Upper	
93	100		
63	355.9	247.5	371.3
95	42.9	21.8	32.8#





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

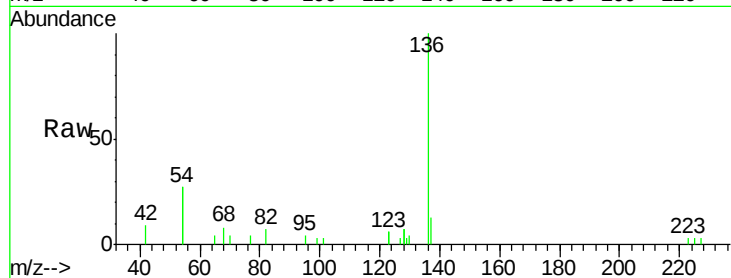
ClientSampleId :

RE123D1-20190306MS

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	3180		
137	13.4	11.4	17.0	
54	54.3	39.3	58.9	
68	8.3	6.7	10.1	

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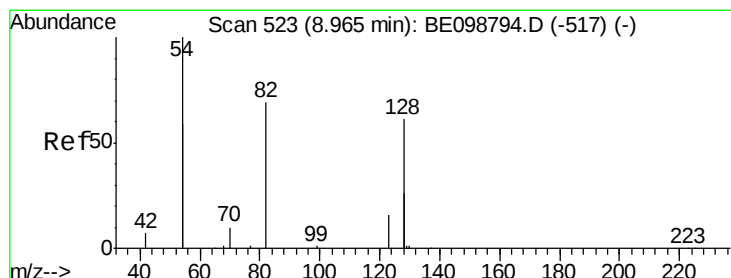
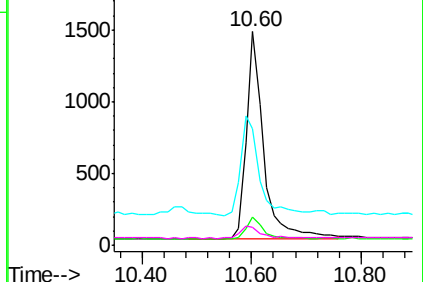
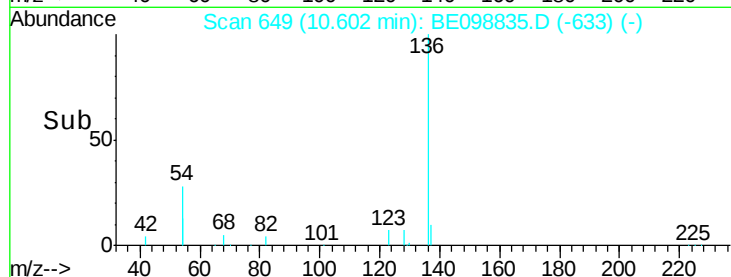


Abundance Ion 136.00 (135.70 to 136.70): E

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: 0.411 ng

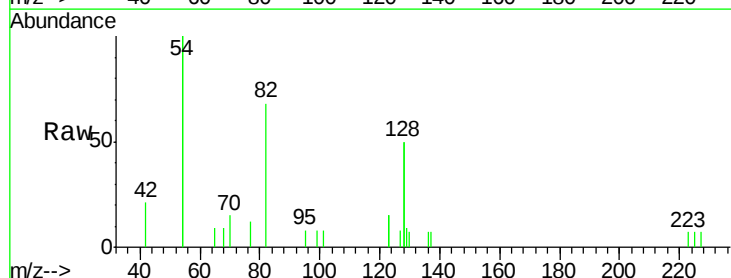
RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

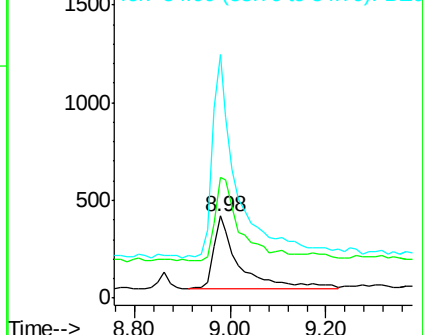
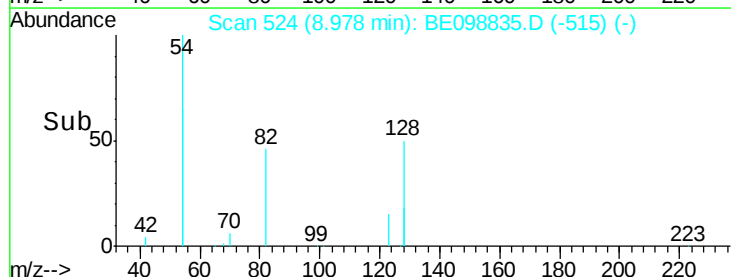
Tgt Ion	Ratio	Resp	Lower	Upper
82	100	1370		
128	146.8	123.8	185.8	
54	296.0	203.4	305.2	

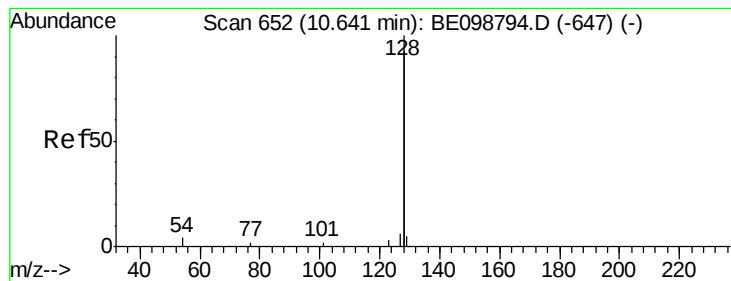


Abundance Ion 82.00 (81.70 to 82.70): BE0

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: 10.65 min Scan# 653

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

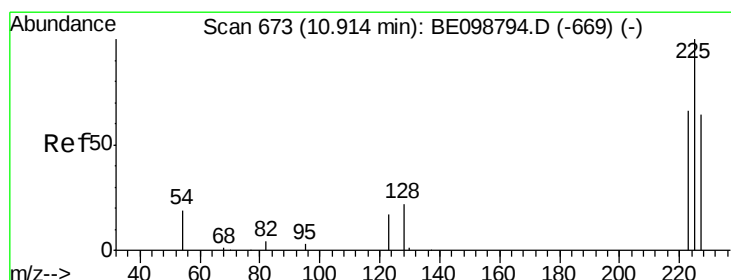
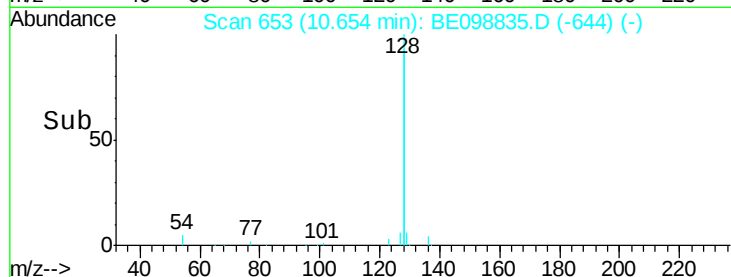
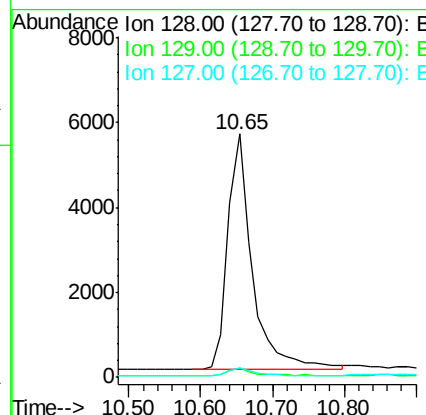
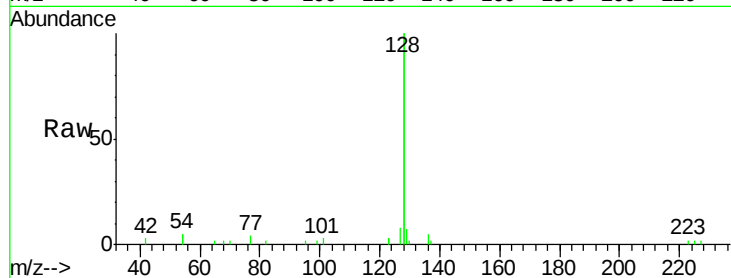
ClientSampleId :

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Tgt Ion	Ratio	Resp	Lower	Upper
128	100	13075		
129	3.6		2.6	4.0
127	3.9		3.1	4.7

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#10

Hexachlorobutadiene

Concen: 0.308 ng

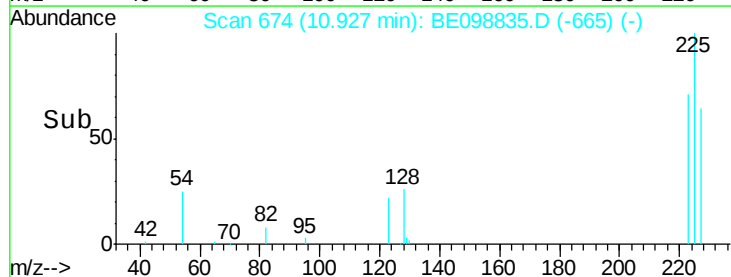
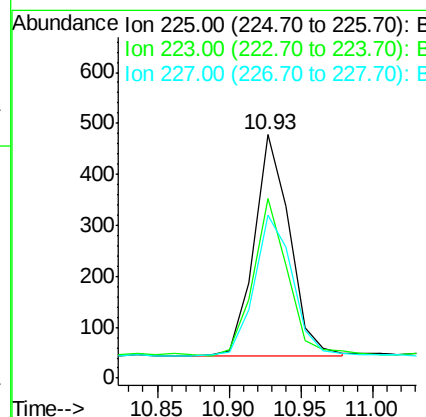
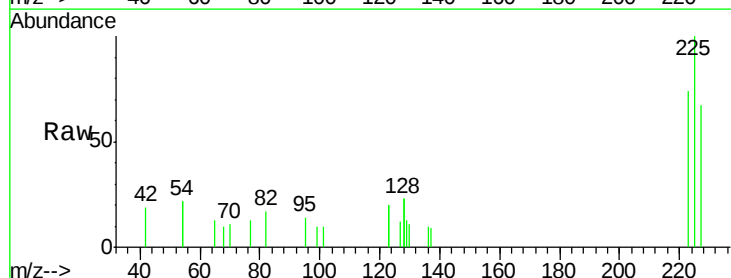
RT: 10.93 min Scan# 674

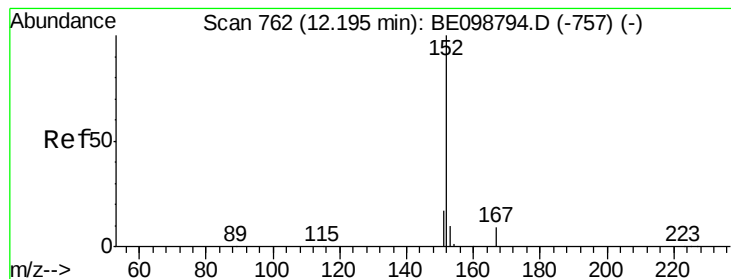
Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	741		
223	69.0		51.1	76.7
227	68.6		51.6	77.4





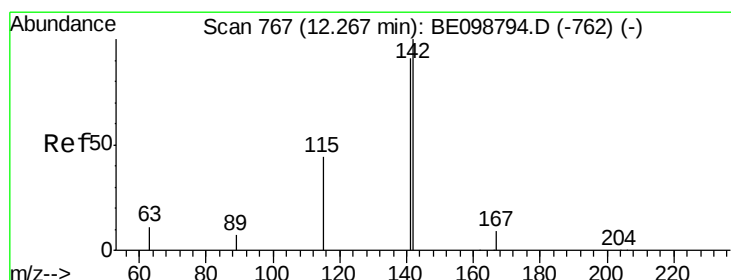
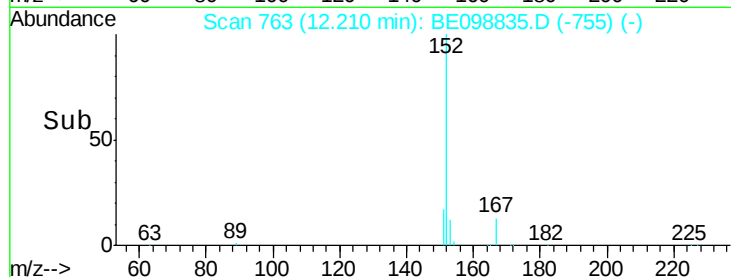
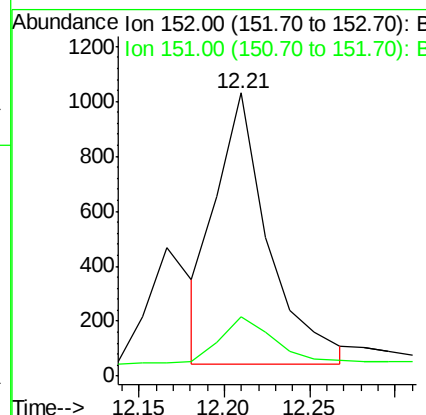
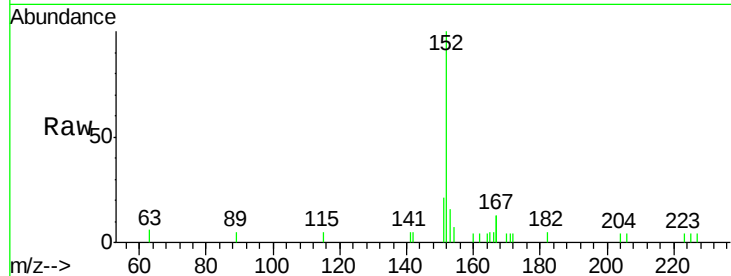
#11
 2-Methylnaphthalene-d10
 Concen: 0.356 ng m
 RT: 12.21 min Scan# 763
 Delta R.T. 0.01 min
 Lab File: BE098835.D
 Acq: 8 Mar 2019 15:31

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190306MS

Tgt Ion:152 Resp: 2092
 Ion Ratio Lower Upper
 152 100
 151 20.0 16.5 24.7

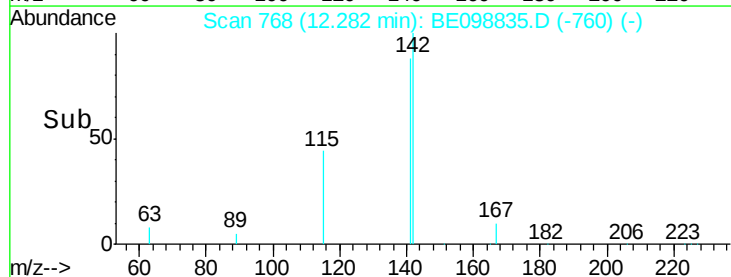
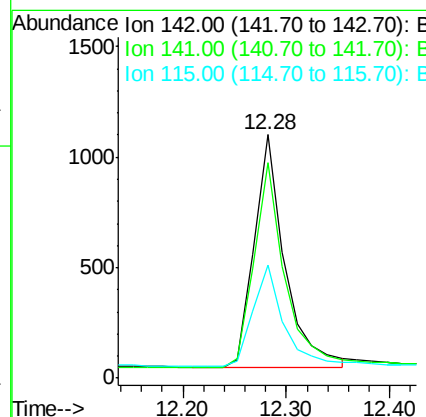
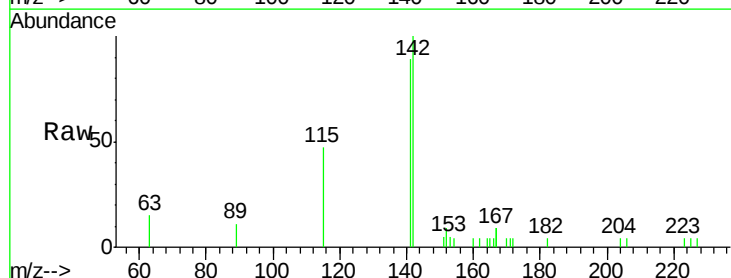
Manual Integrations
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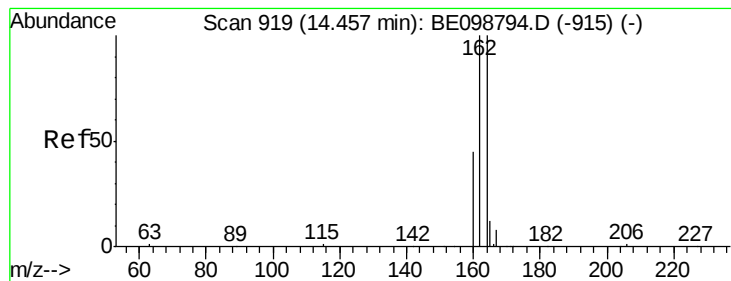
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#12
 2-Methylnaphthalene
 Concen: 0.365 ng
 RT: 12.28 min Scan# 768
 Delta R.T. 0.01 min
 Lab File: BE098835.D
 Acq: 8 Mar 2019 15:31

Tgt Ion:142 Resp: 2154
 Ion Ratio Lower Upper
 142 100
 141 88.6 72.6 108.8
 115 46.6 37.4 56.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

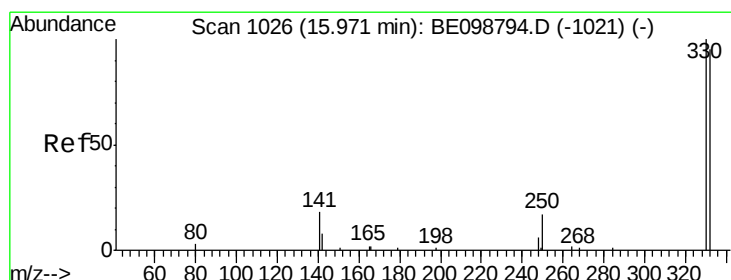
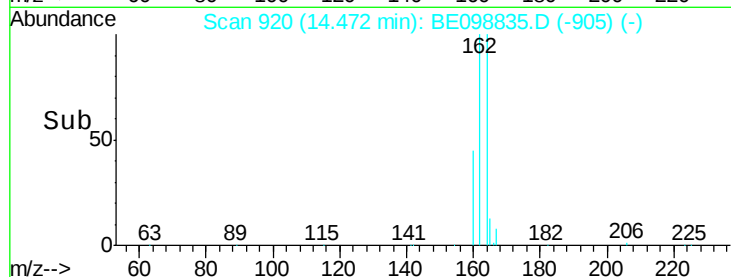
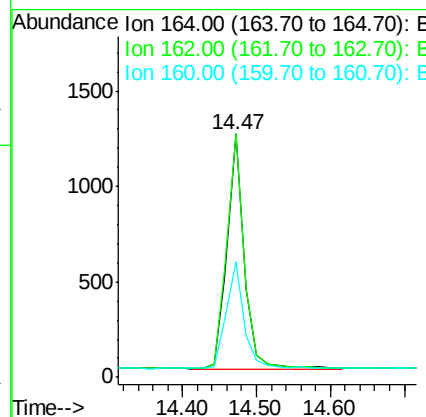
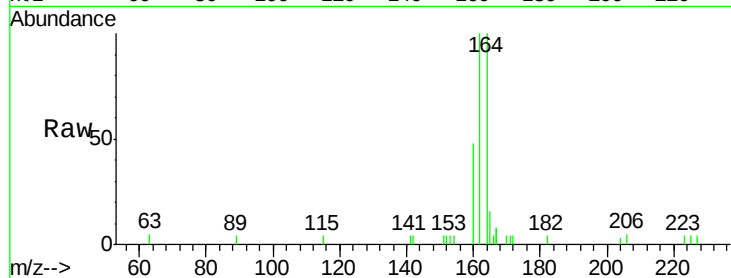
ClientSampleId :

RE123D1-20190306MS

Tgt Ion:	164	Resp:	1998
Ion Ratio	Lower	Upper	
164	100		
162	99.9	80.2	120.2
160	47.5	37.8	56.8

Manual Integrations
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#14

2,4,6-Tribromophenol

Concen: 0.435 ng

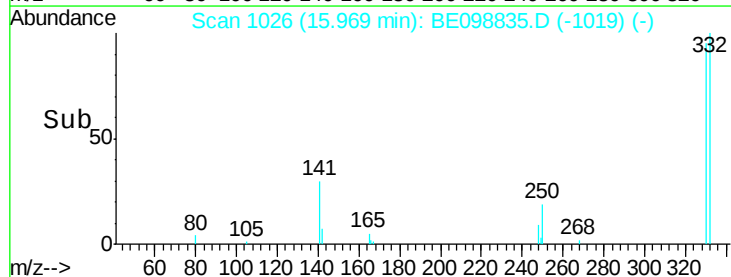
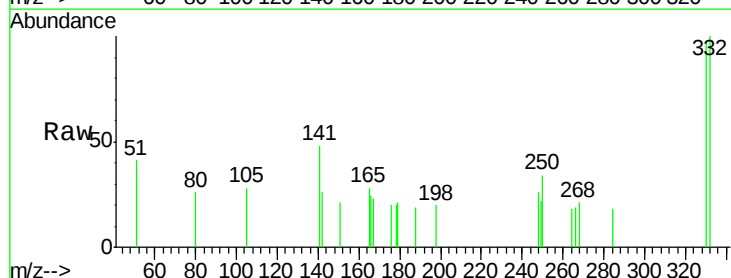
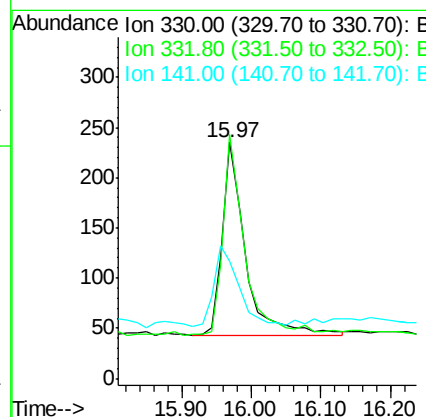
RT: 15.97 min Scan# 1026

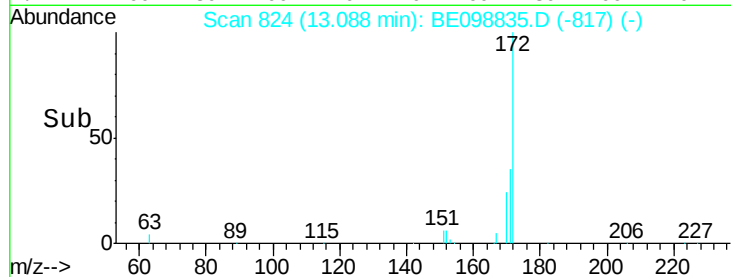
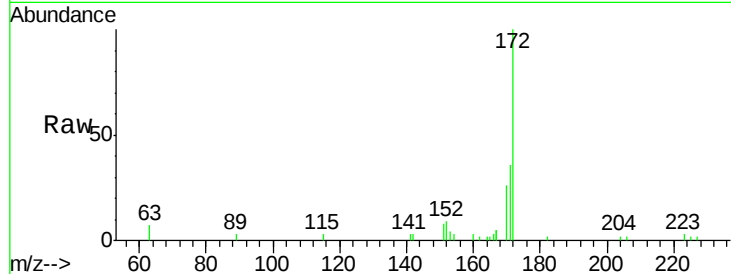
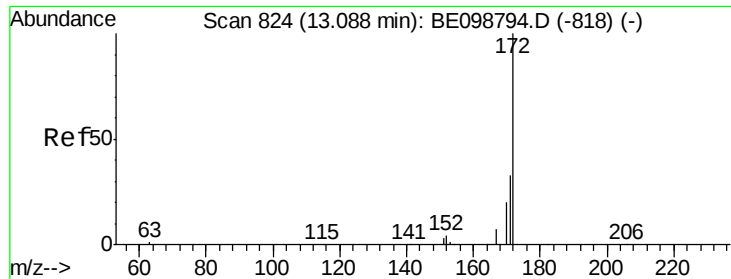
Delta R.T. -0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Tgt Ion:	330	Resp:	439
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.6	116.4
141	44.9	31.0	46.4





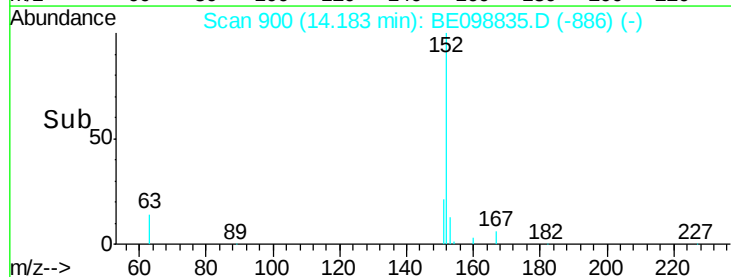
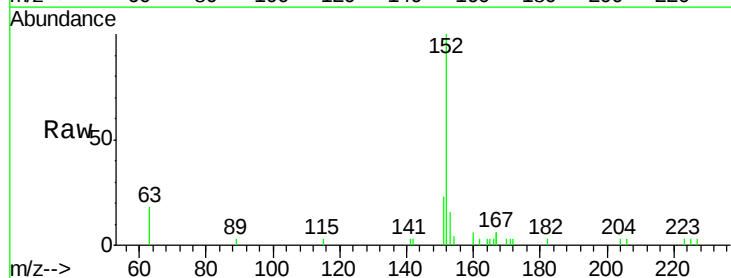
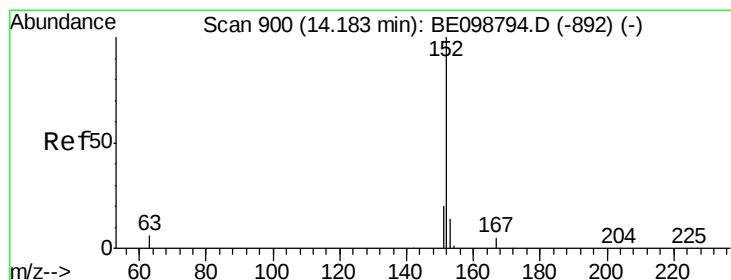
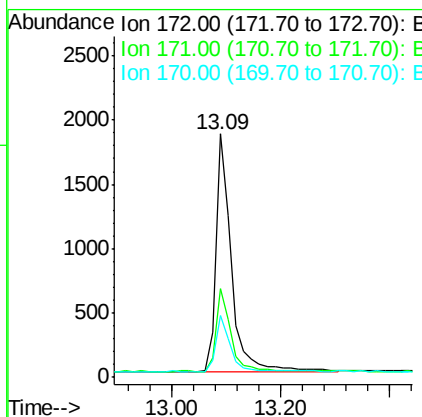
#15
2-Fluorobiphenyl
Concen: 0.445 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	3685		
171	36.2		28.0	42.0
170	25.6		17.7	26.5

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

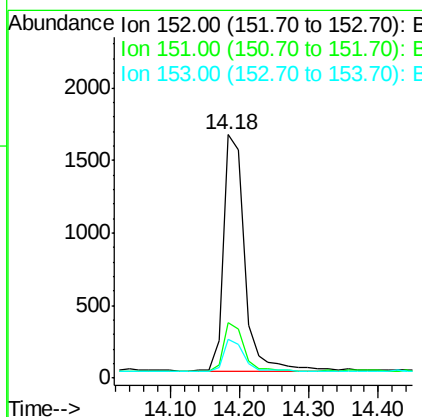
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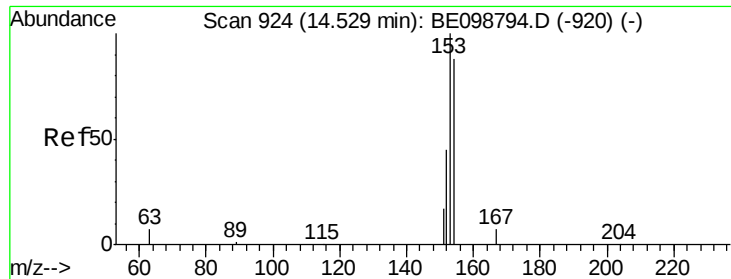
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#16
Acenaphthylene
Concen: 0.338 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	3471		
151	20.0		17.0	25.6
153	13.2		11.2	16.8





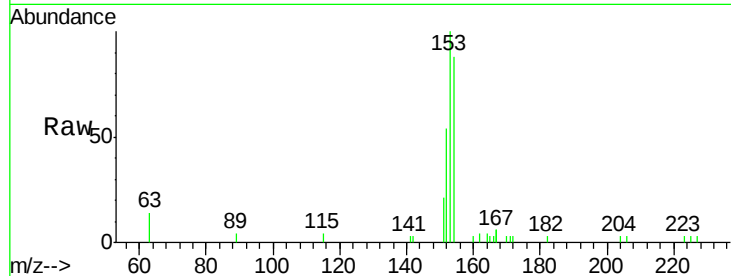
#17
Acenaphthene
Concen: 0.363 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

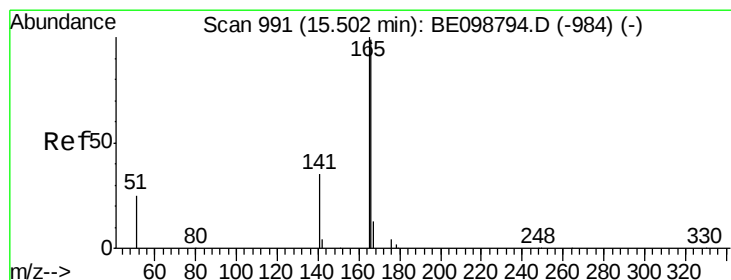
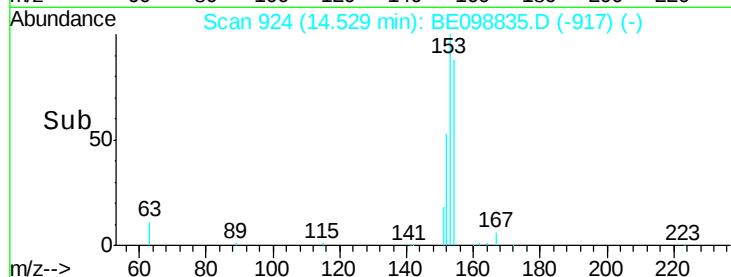
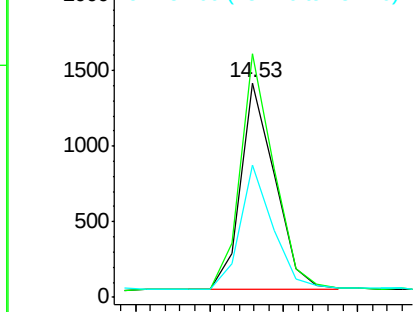
Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.6	94.2	141.4
152	57.8	45.0	67.4

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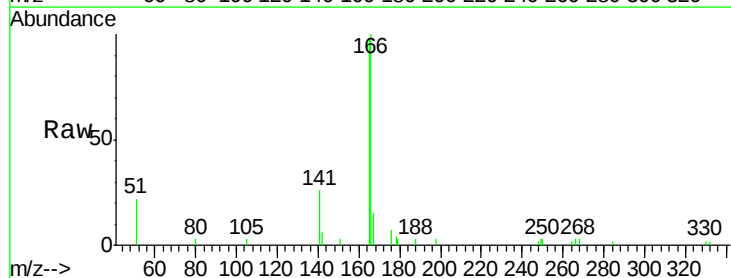


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

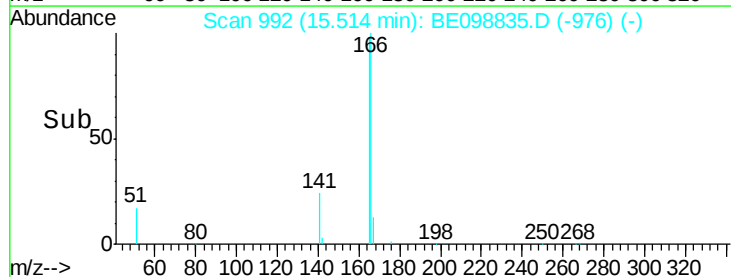
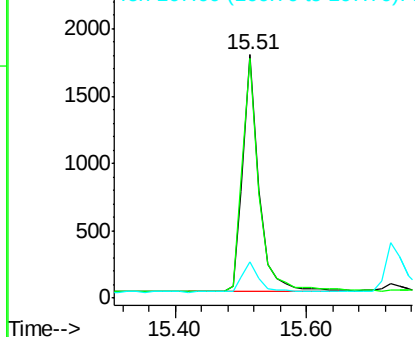


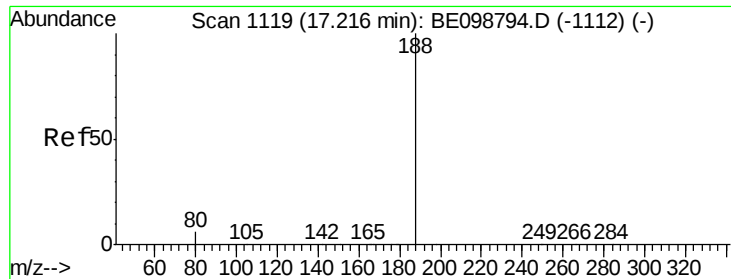
#18
Fluorene
Concen: 0.348 ng
RT: 15.51 min Scan# 992
Delta R.T. 0.01 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	102.1	79.3	118.9
167	13.7	10.5	15.7



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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

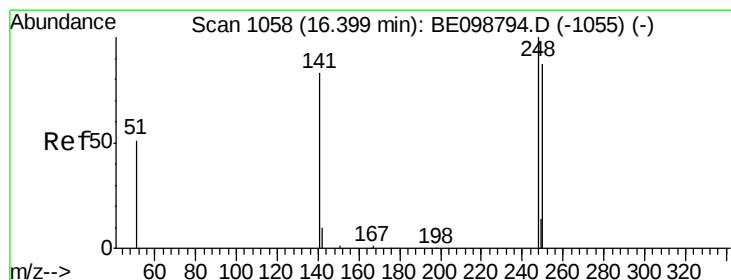
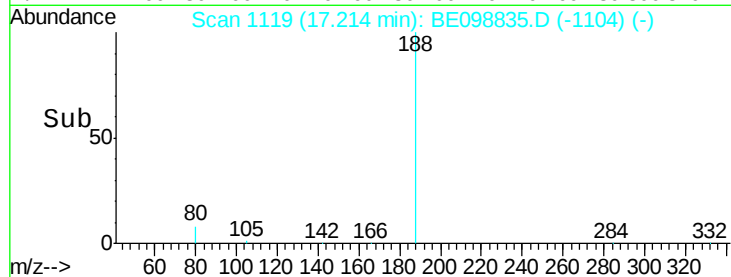
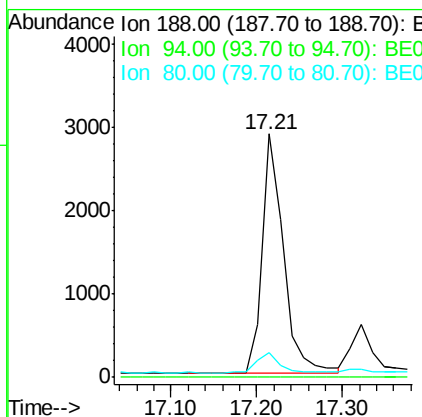
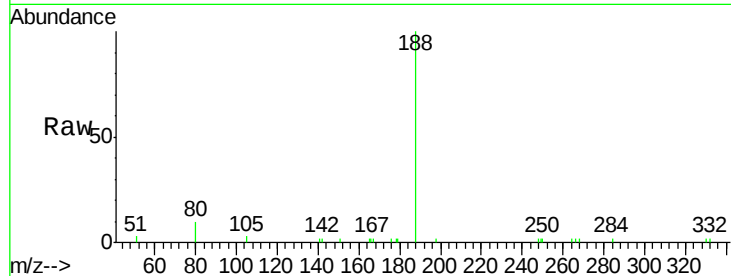
ClientSampleId :

RE123D1-20190306MS

Tgt Ion:	188	Resp:	4988
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	10.2	6.3	9.5#

Manual Integrations
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#20

4-Bromophenyl-phenylether

Concen: 0.358 ng

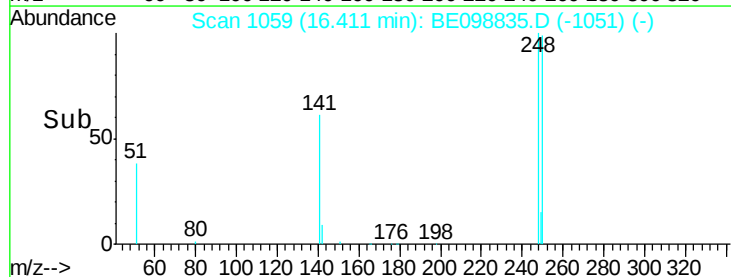
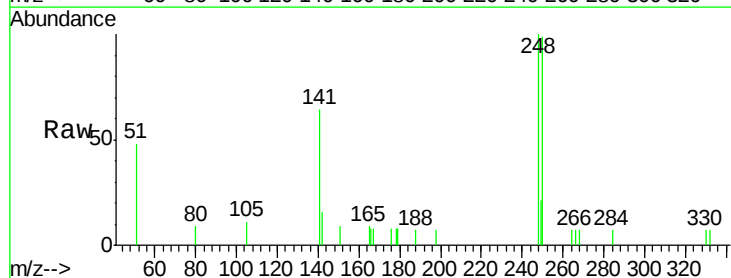
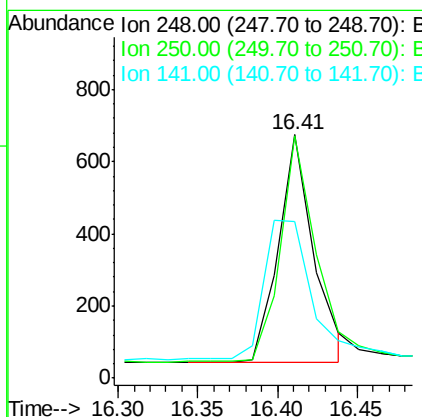
RT: 16.41 min Scan# 1059

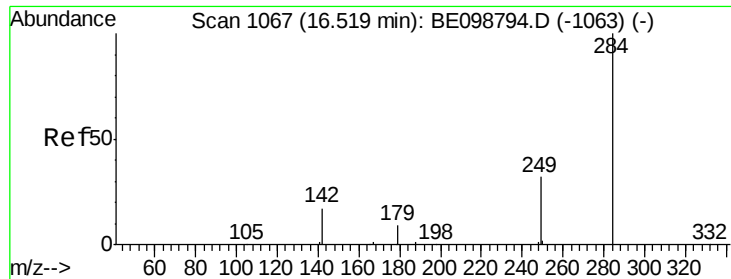
Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Tgt Ion:	248	Resp:	968
Ion Ratio	Lower	Upper	
248	100		
250	99.4	70.6	105.8
141	64.1	68.6	102.8#





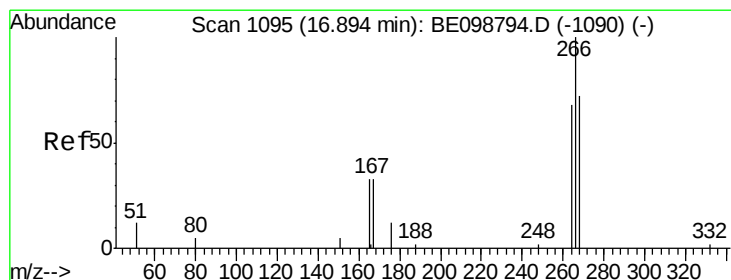
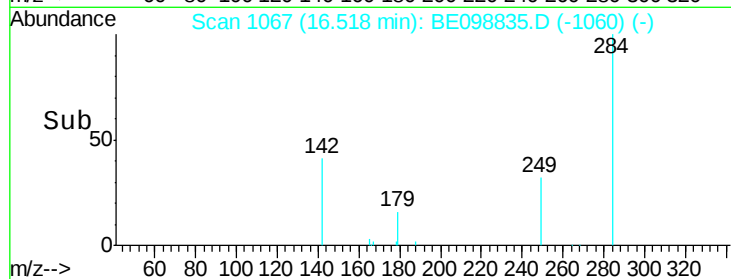
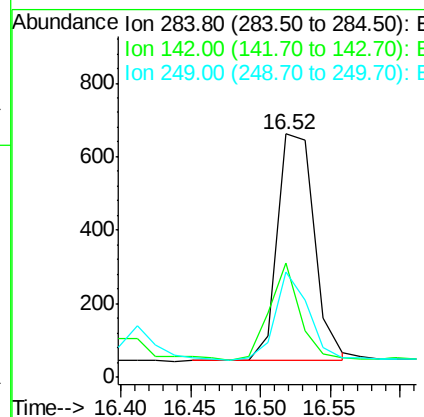
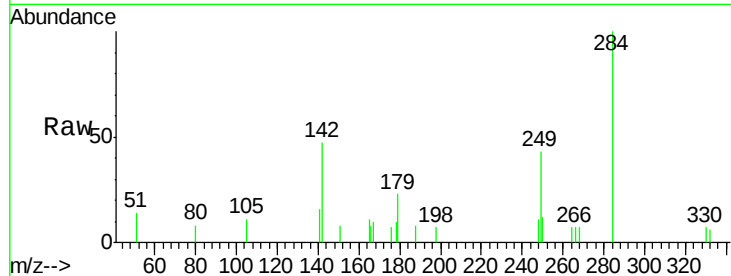
#21
Hexachlorobenzene
Concen: 0.352 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	1130		
142	35.9	28.7	43.1	
249	34.9	29.6	44.4	

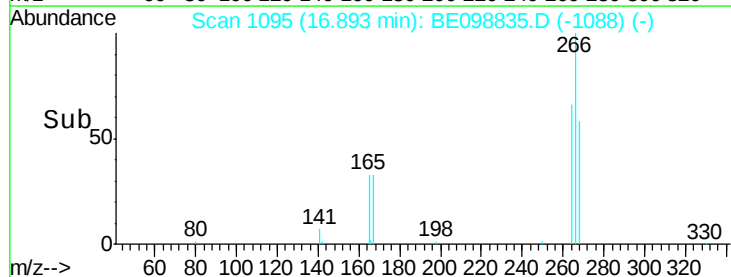
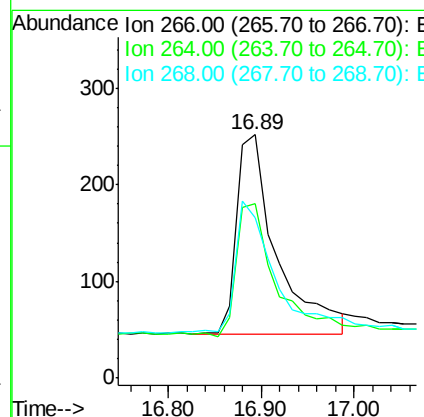
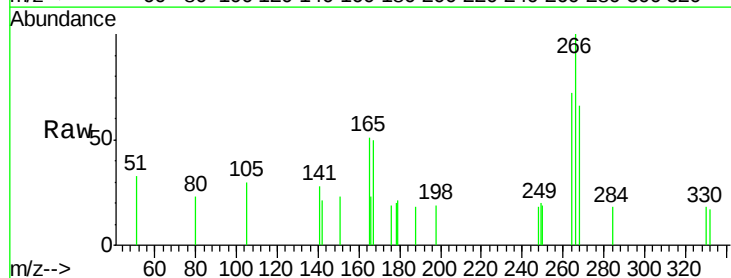
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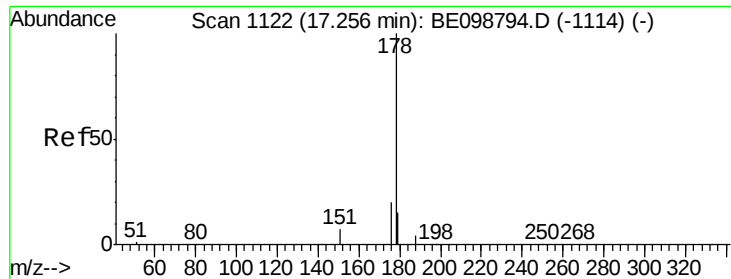
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#22
Pentachlorophenol
Concen: 0.829 ng
RT: 16.89 min Scan# 1095
Delta R.T. -0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	618		
264	71.8	66.6	100.0	
268	65.9	69.8	104.8	





#23

Phenanthrene

Concen: 0.377 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

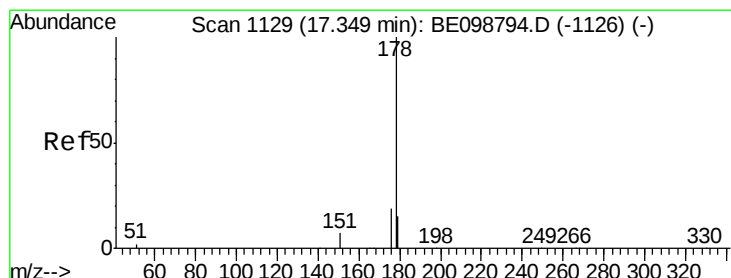
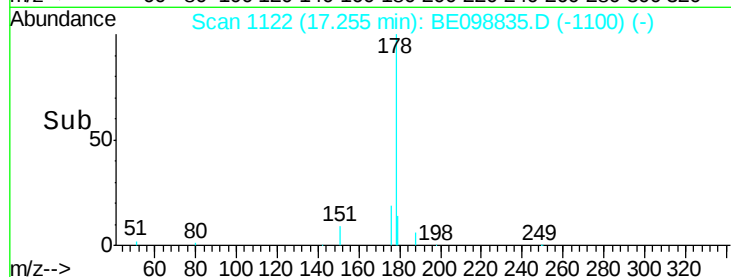
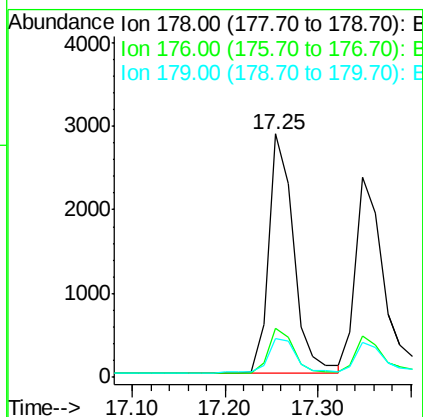
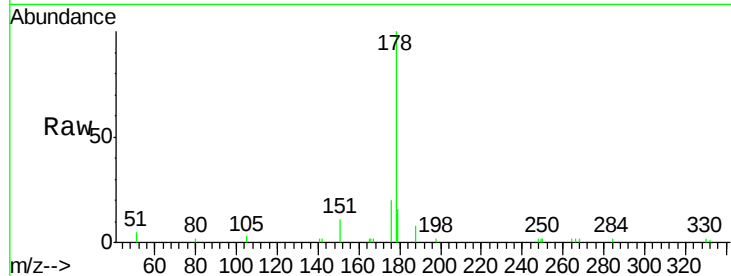
ClientSampleId :

RE123D1-20190306MS

Tgt Ion:	178	Resp:	5347
Ion Ratio	Lower	Upper	
178	100		
176	18.9	16.0	24.0
179	16.0	12.1	18.1

Manual Integrations
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#24

Anthracene

Concen: 0.369 ng

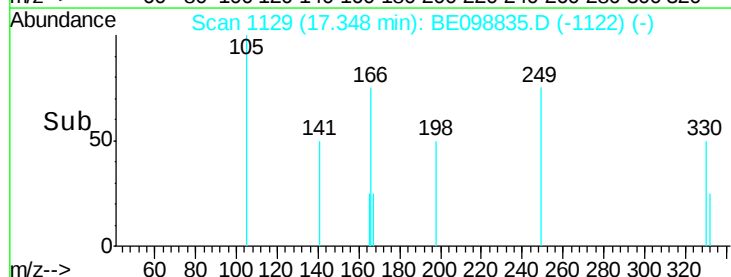
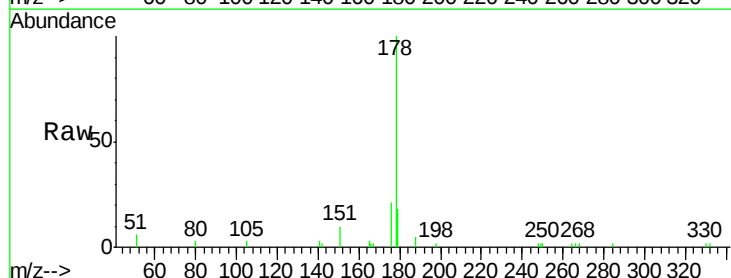
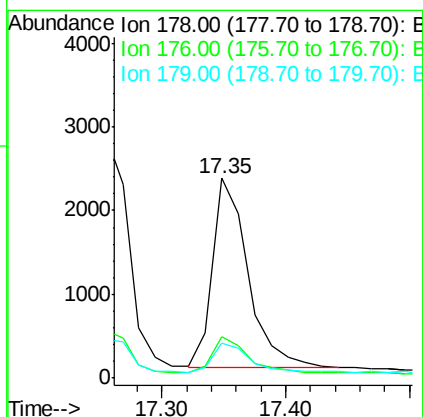
RT: 17.35 min Scan# 1129

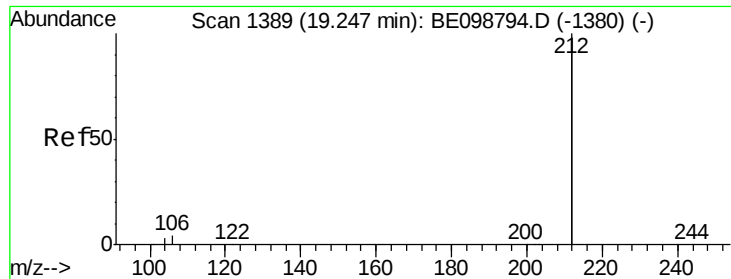
Delta R.T. -0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Tgt Ion:	178	Resp:	4473
Ion Ratio	Lower	Upper	
178	100		
176	18.6	15.4	23.0
179	15.8	12.2	18.4





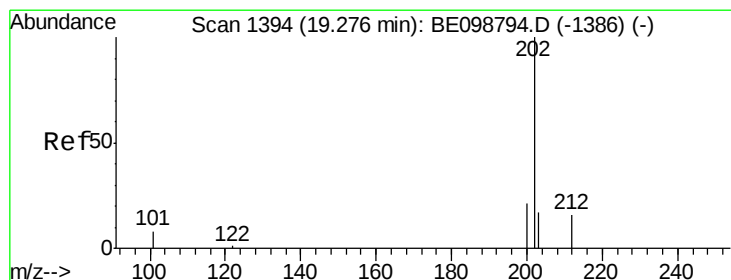
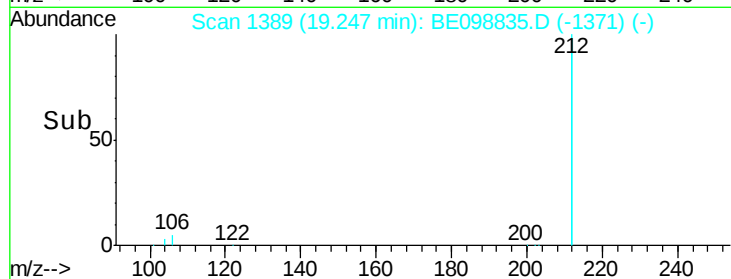
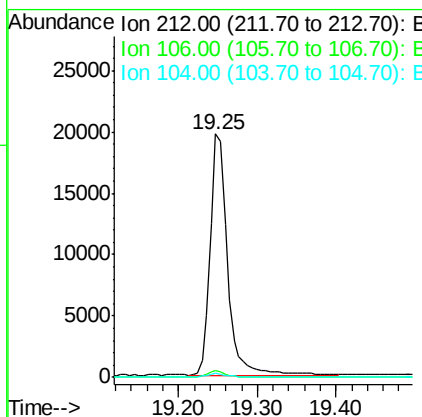
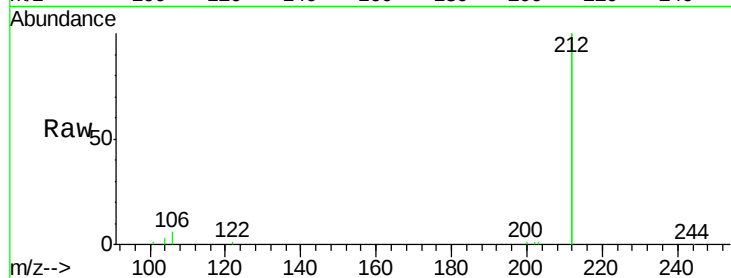
#25
 Fluoranthene-d10
 Concen: 0.373 ng
 RT: 19.25 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BE098835.D
 Acq: 8 Mar 2019 15:31

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190306MS

Tgt Ion	Ratio	Resp	Lower	Upper
212	100	29680		
106	2.3		1.8	2.8
104	1.3		1.0	1.6

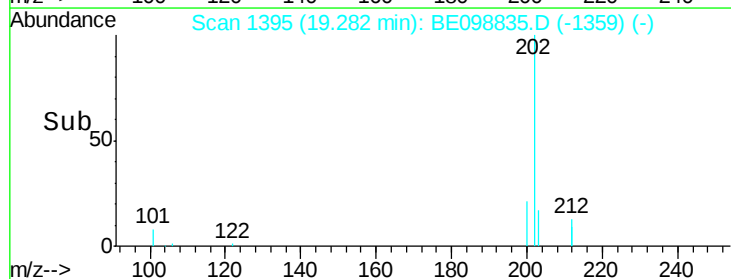
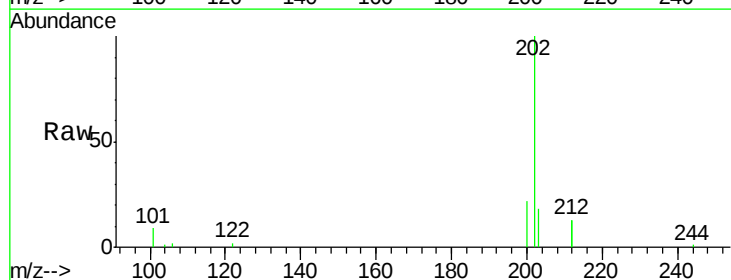
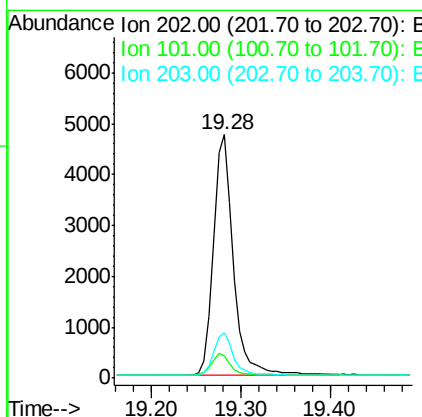
Manual Integrations
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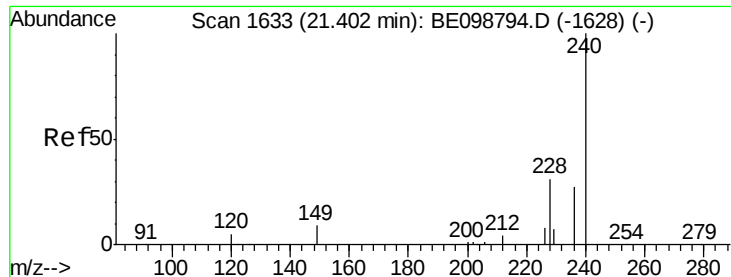
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#26
 Fluoranthene
 Concen: 0.367 ng
 RT: 19.28 min Scan# 1395
 Delta R.T. 0.01 min
 Lab File: BE098835.D
 Acq: 8 Mar 2019 15:31

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	7349		
101	8.9		7.3	10.9
203	16.8		13.4	20.2





#27

Chrysene-d12

Concen: 0.400 ng

RT: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

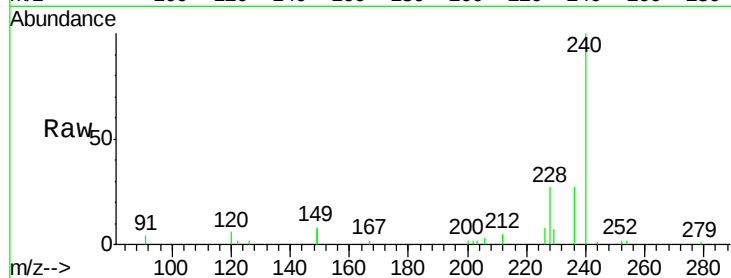
ClientSampleId :

RE123D1-20190306MS

Tgt Ion	Ratio	Lower	Upper
240	100		
120	5.8	5.0	7.4
236	27.2	22.7	34.1

Manual Integrations
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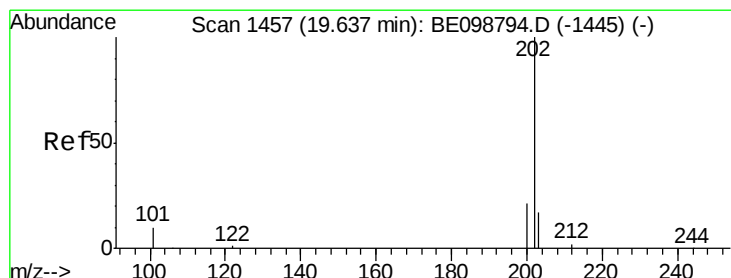
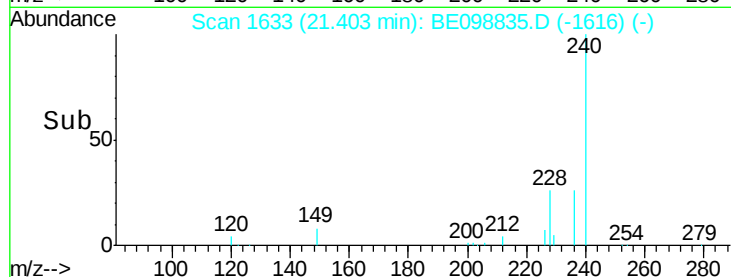
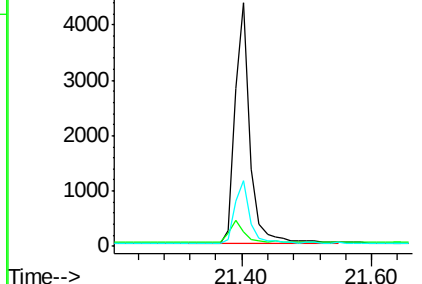
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.359 ng

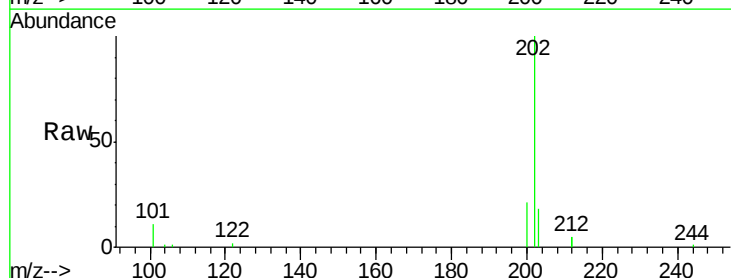
RT: 19.64 min Scan# 1458

Delta R.T. 0.01 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

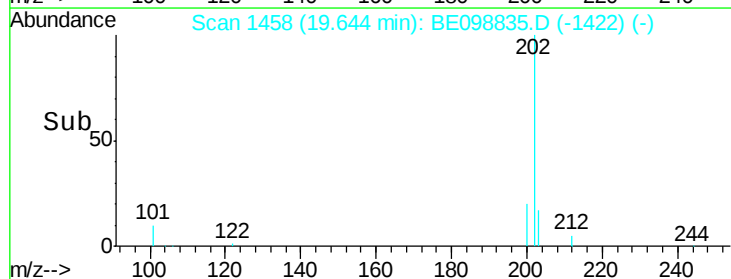
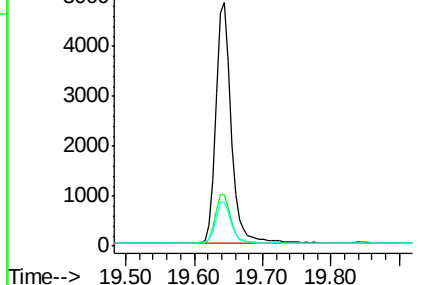
Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.3	17.0	25.6
203	17.9	14.2	21.2

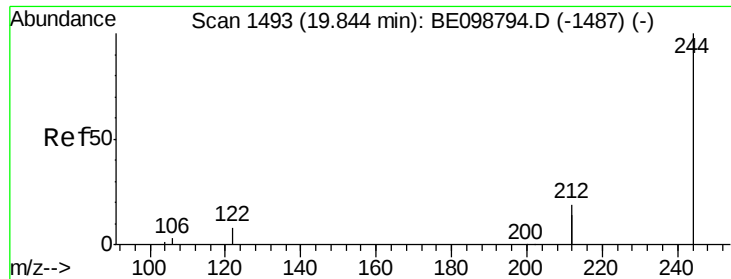


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





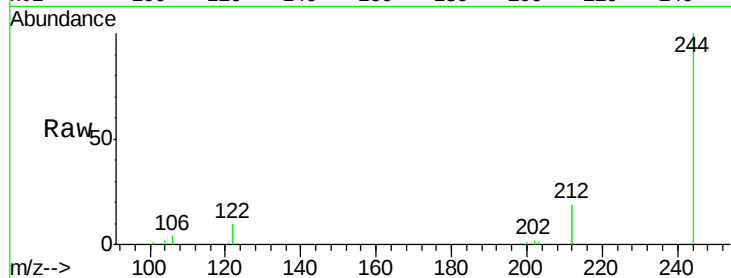
#29
 Terphenyl-d14
 Concen: 0.469 ng
 RT: 19.84 min Scan# 1493
 Delta R.T. 0.00 min
 Lab File: BE098835.D
 Acq: 8 Mar 2019 15:31

Instrument :
 BNA_E
 ClientSampleId :
 RE123D1-20190306MS

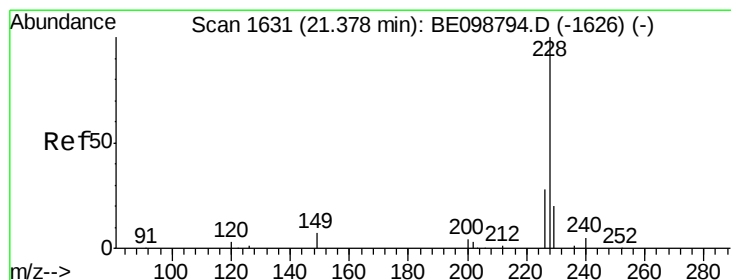
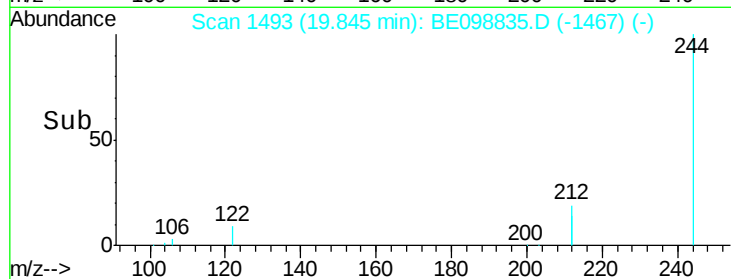
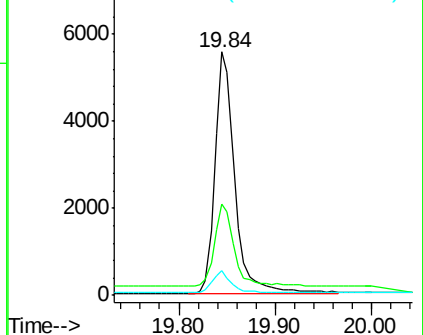
Tgt Ion	Ratio	Lower	Upper
244	100		
212	37.5	29.4	44.2
122	10.0	7.1	10.7

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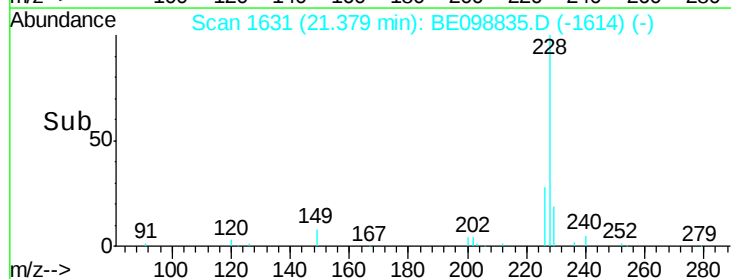
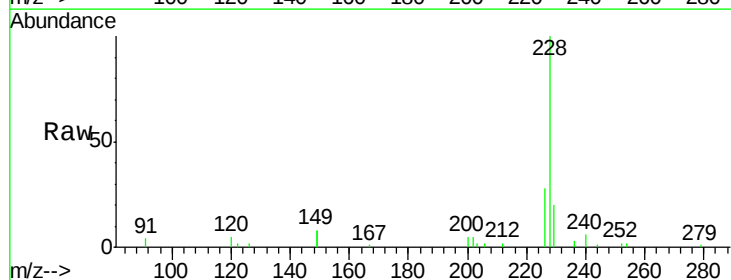
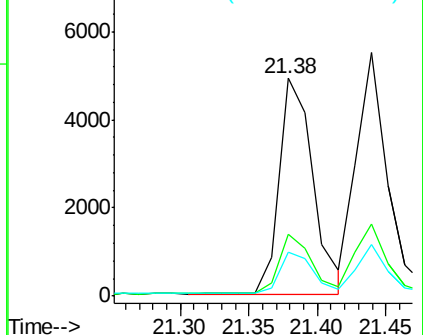
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

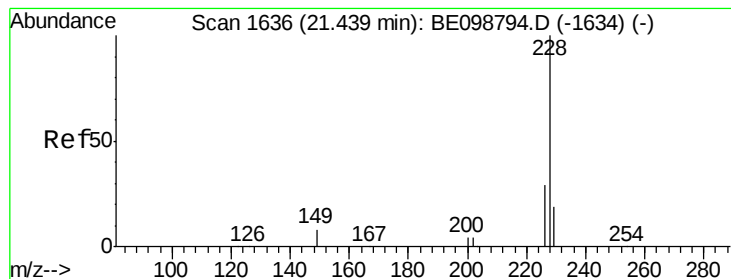


#30
 Benzo(a)anthracene
 Concen: 0.379 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE098835.D
 Acq: 8 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	20.3	16.5	24.7

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: 0.357 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

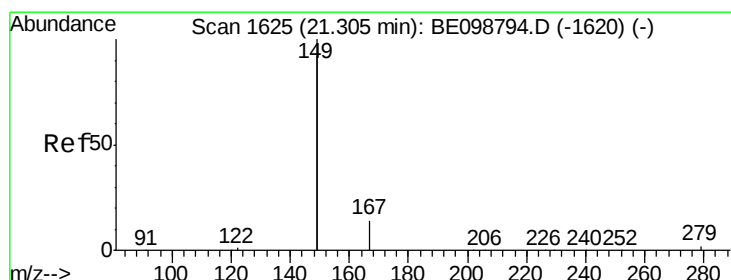
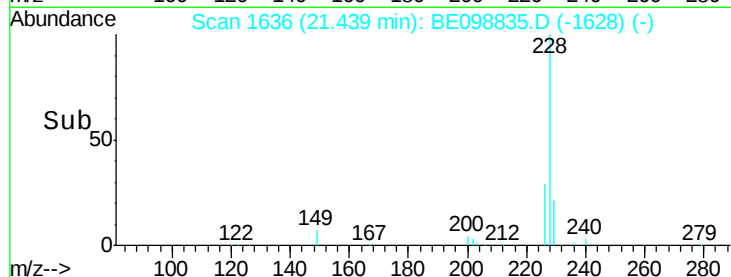
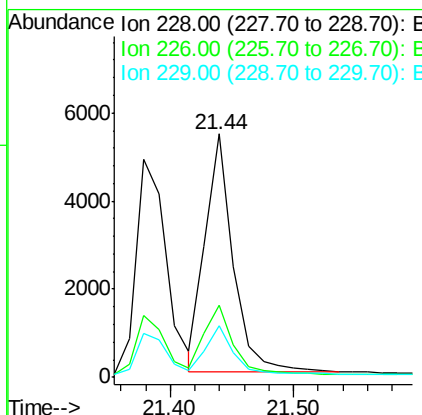
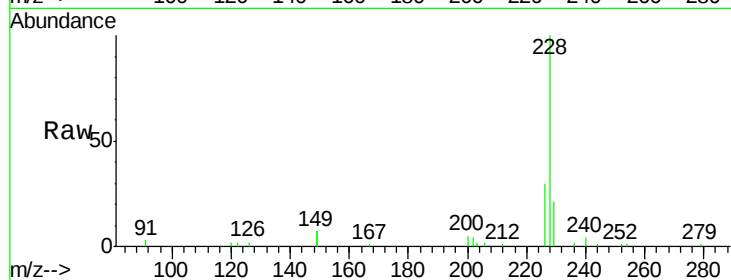
ClientSampleId :

RE123D1-20190306MS

Tgt Ion:	228	Resp:	8431
Ion Ratio	Lower	Upper	
228	100		
226	29.5	23.7	35.5
229	21.4	16.1	24.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.437 ng

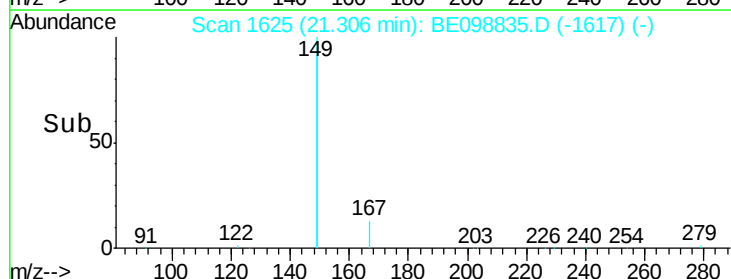
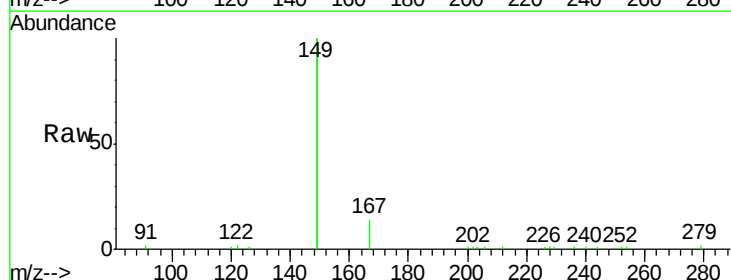
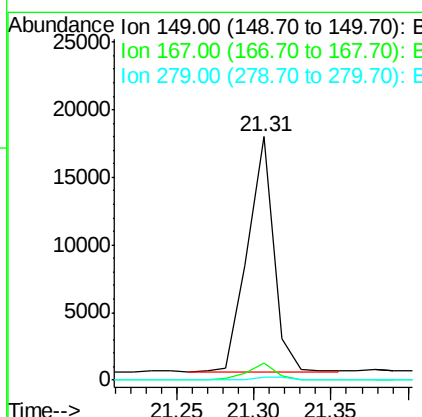
RT: 21.31 min Scan# 1625

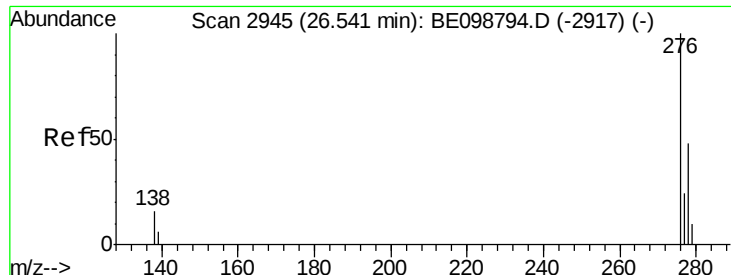
Delta R.T. 0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Tgt Ion:	149	Resp:	20530
Ion Ratio	Lower	Upper	
149	100		
167	6.8	5.4	8.0
279	1.1	1.0	1.4





#33

Indeno(1,2,3-cd)pyrene

Concen: 0.374 ng

RT: 26.55 min Scan# 2947

Delta R.T. 0.01 min

Lab File: BE098835.D

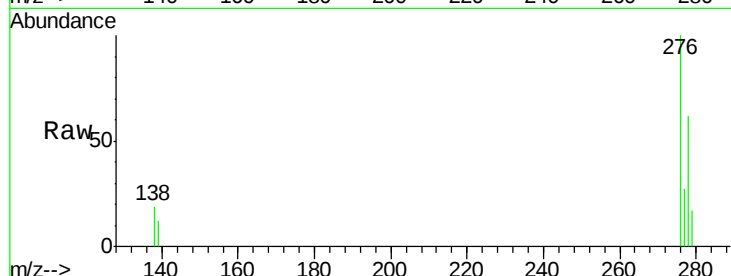
Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS



Tgt Ion: 276 Resp: 9328

Ion Ratio Lower Upper

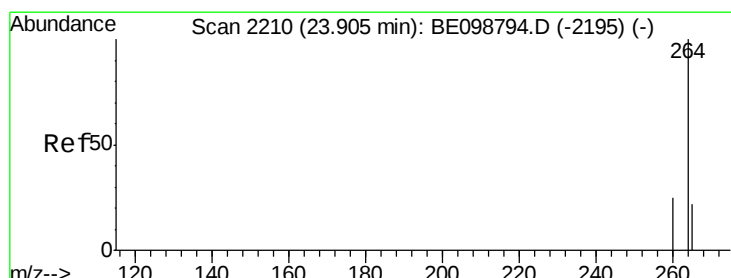
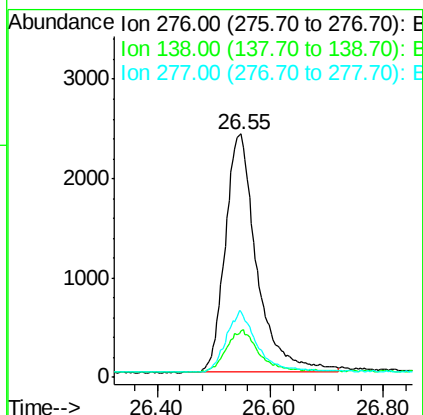
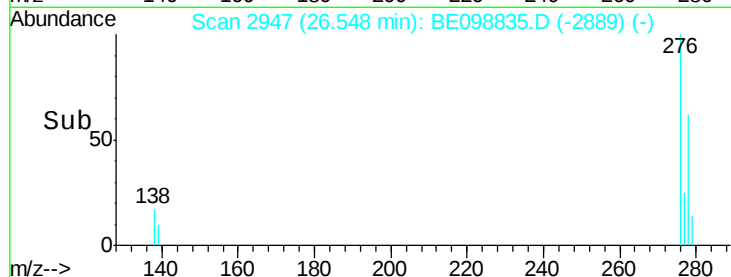
276 100

138 17.9 13.8 20.8

277 23.9 19.5 29.3

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#34

Perylene-d12

Concen: 0.400 ng

RT: 23.91 min Scan# 2211

Delta R.T. 0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

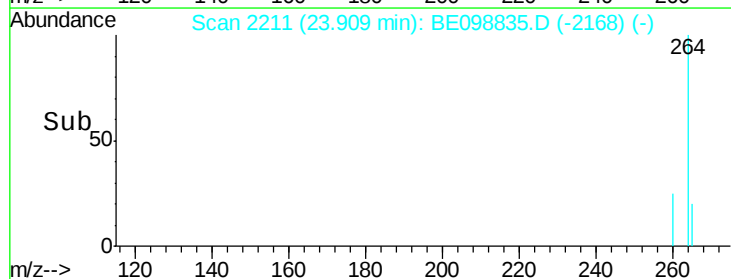
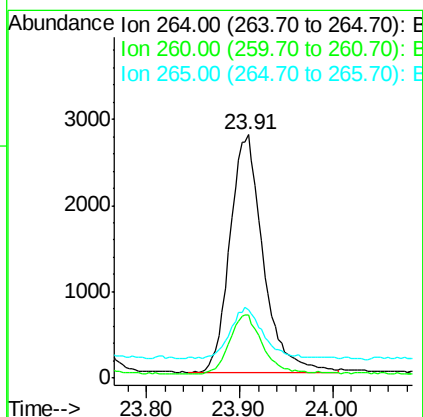
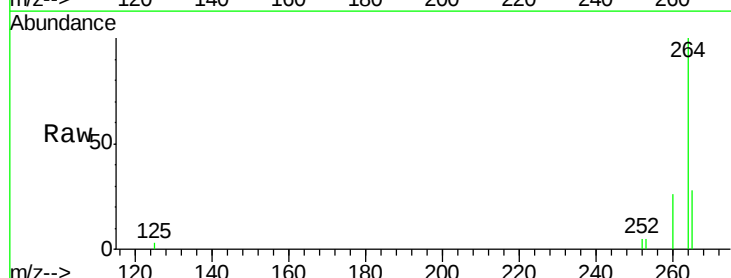
Tgt Ion: 264 Resp: 6871

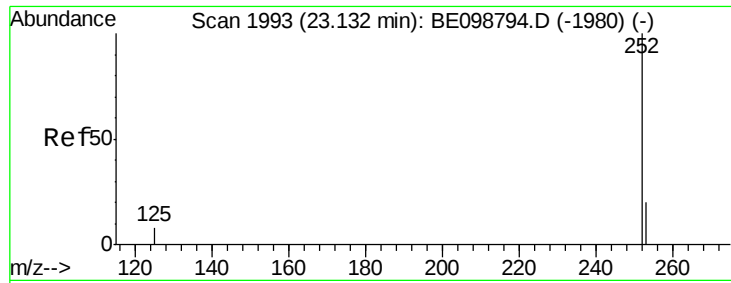
Ion Ratio Lower Upper

264 100

260 25.9 21.2 31.8

265 27.9 24.6 36.8





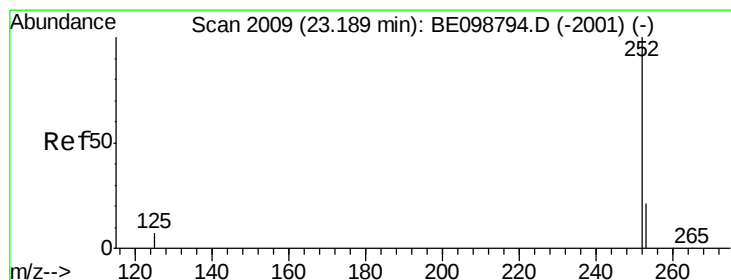
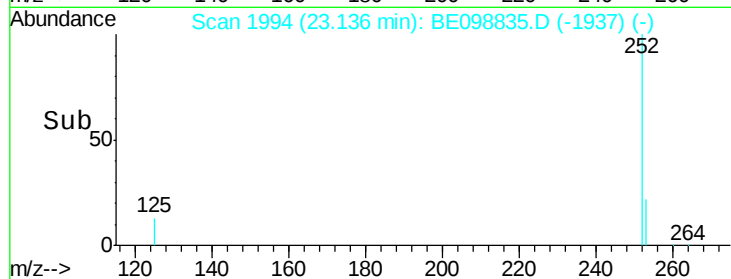
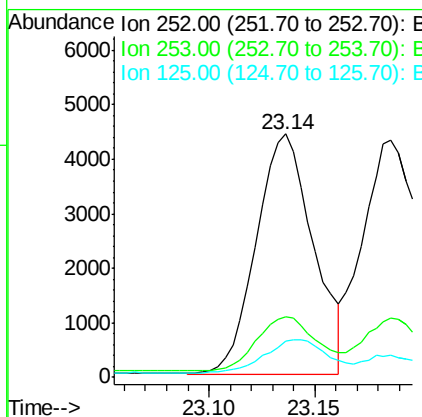
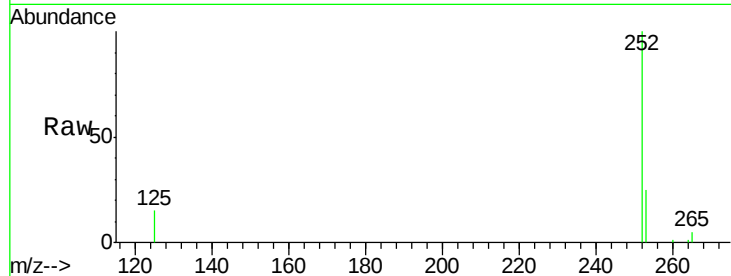
#35
Benzo(b)fluoranthene
Concen: 0.364 ng m
RT: 23.14 min Scan# 1994
Delta R.T. 0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Instrument :
BNA_E
ClientSampleId :
RE123D1-20190306MS

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.7	18.2	27.2
125	14.9	7.3	10.9

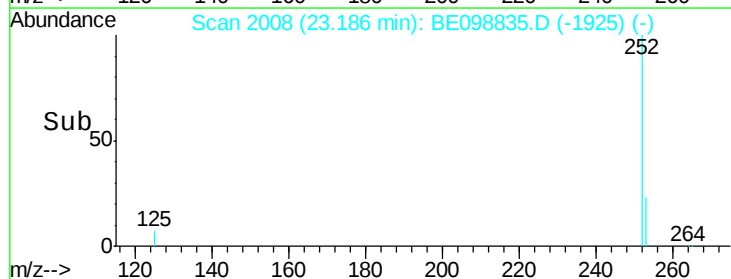
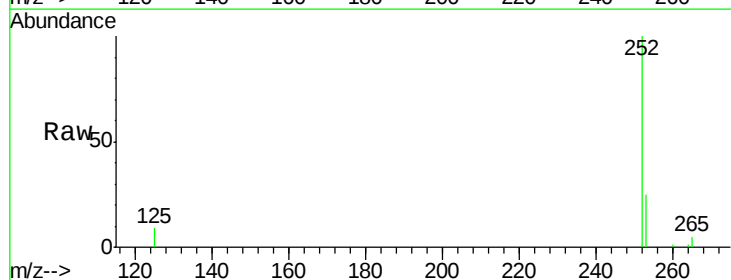
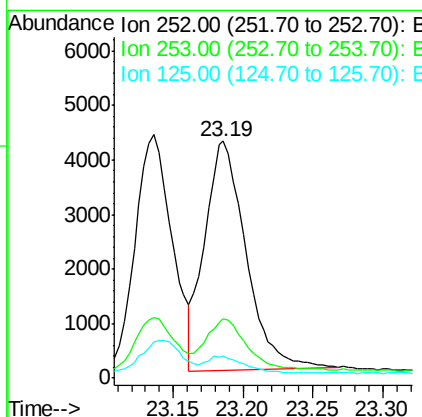
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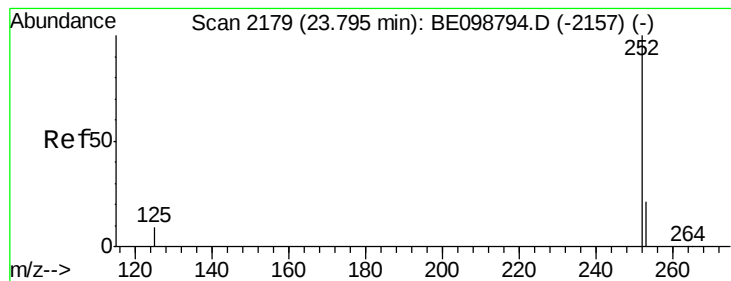
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#36
Benzo(k)fluoranthene
Concen: 0.367 ng
RT: 23.19 min Scan# 2008
Delta R.T. -0.00 min
Lab File: BE098835.D
Acq: 8 Mar 2019 15:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.2	19.3	28.9
125	9.3	7.5	11.3





#37

Benzo(a)pyrene

Concen: 0.384 ng

RT: 23.79 min Scan# 2178

Delta R.T. -0.00 min

Lab File: BE098835.D

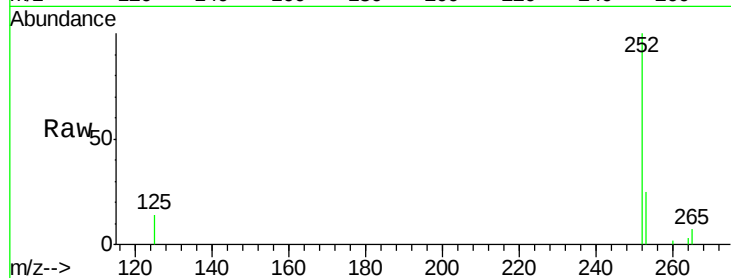
Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

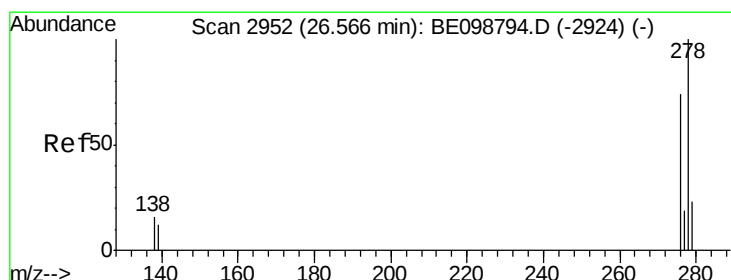
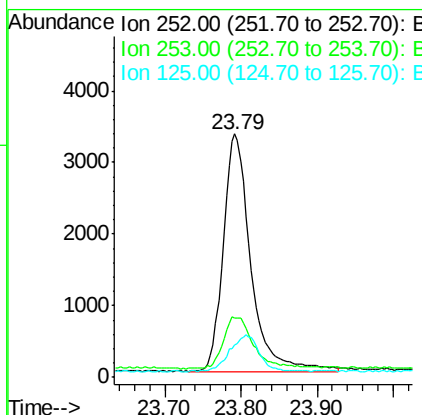
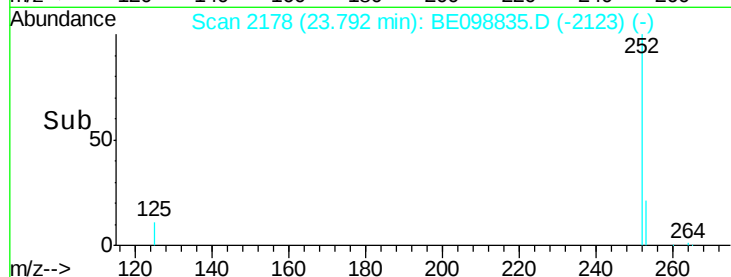
RE123D1-20190306MS



Tgt Ion:	252	Resp:	8316
Ion Ratio	Lower	Upper	
252	100		
253	24.5	19.9	29.9
125	13.5	9.0	13.4

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#38

Dibenzo(a,h)anthracene

Concen: 0.362 ng

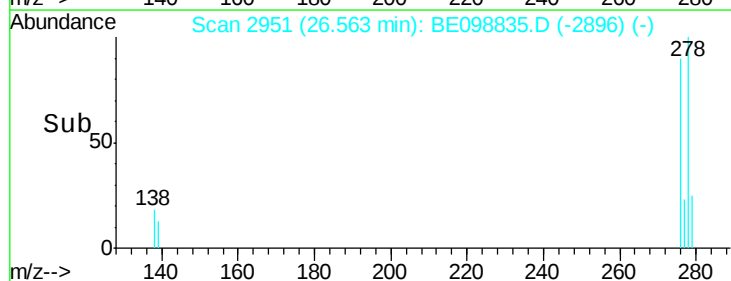
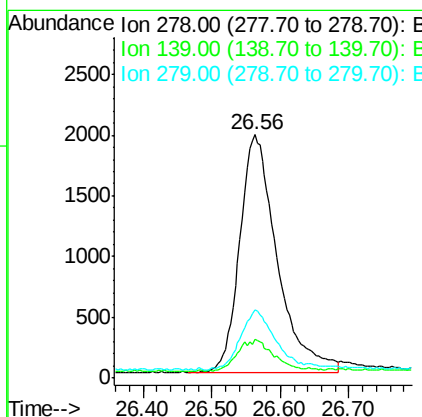
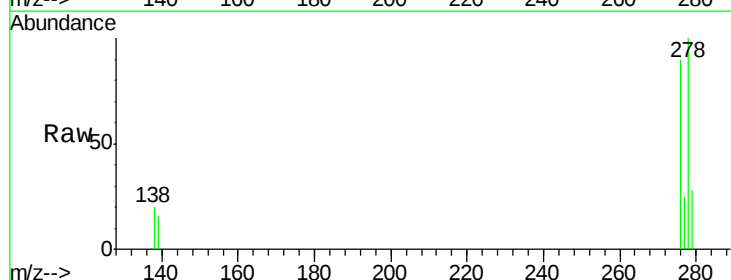
RT: 26.56 min Scan# 2951

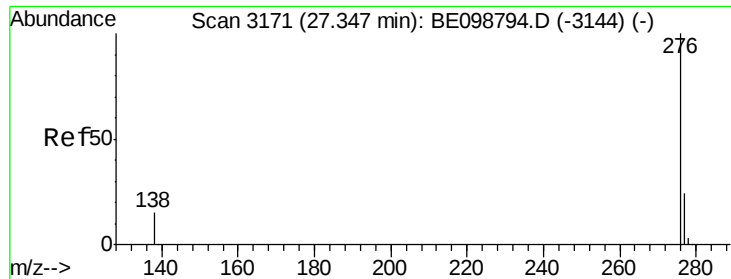
Delta R.T. -0.00 min

Lab File: BE098835.D

Acq: 8 Mar 2019 15:31

Tgt Ion:	278	Resp:	7415
Ion Ratio	Lower	Upper	
278	100		
139	16.0	11.8	17.6
279	28.1	21.1	31.7





#39

Benzo(g,h,i)perylene

Concen: 0.367 ng

RT: 27.35 min Scan# 3171

Delta R.T. 0.00 min

Lab File: BE098835.D

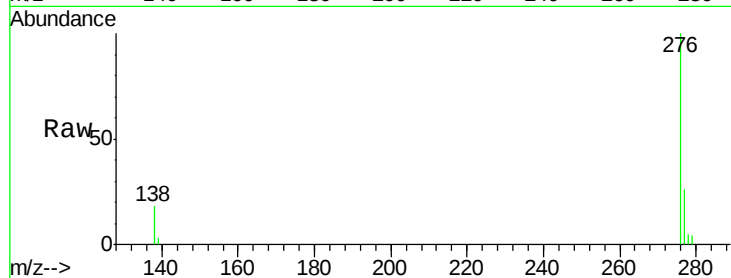
Acq: 8 Mar 2019 15:31

Instrument :

BNA_E

ClientSampleId :

RE123D1-20190306MS



Tgt Ion: 276 Resp: 7872

Ion Ratio Lower Upper

276 100

277 25.6 20.4 30.6

138 18.0 13.6 20.4

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