

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061319\
 Data File : BE100004.D
 Acq On : 13 Jun 2019 23:49
 Operator : JU/SJ
 Sample : K3280-10MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20190608M

Manual Integrations
 APPROVED

mohammad
 6/17/2019 10:06:25 AM

Quant Time: Jun 14 15:10:31 2019

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Jun 10 14:57:20 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	761	0.40	ng	-0.01
7) Naphthalene-d8	10.59	136	2612	0.40	ng	-0.01
13) Acenaphthene-d10	14.47	164	1997	0.40	ng	0.00
19) Phenanthrene-d10	17.20	188	7231	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	10233	0.40	ng	-0.01
34) Perylene-d12	23.92	264	11612	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	329	0.16	ng	0.00
5) Phenol-d6	6.98	99	261	0.10	ng	0.00
8) Nitrobenzene-d5	8.96	82	984	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.19	152	1602m	0.35	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	749	0.51	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3519	0.46	ng	-0.01
25) Fluoranthene-d10	19.24	212	35470	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	9921	0.54	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	336	0.298	ng	# 73
3) n-Nitrosodimethylamine	3.64	42	77	0.119	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	853	0.395	ng	# 73
9) Naphthalene	10.64	128	11047	0.392	ng	100
10) Hexachlorobutadiene	10.91	225	844	0.392	ng	98
12) 2-Methylnaphthalene	12.28	142	1907	0.416	ng	97
16) Acenaphthylene	14.18	152	3795	0.382	ng	99
17) Acenaphthene	14.53	154	2088	0.386	ng	97
18) Fluorene	15.50	166	4932	0.607	ng	87
20) 4-Bromophenyl-phenylether	16.40	248	1553	0.379	ng	# 89
21) Hexachlorobenzene	16.51	284	1548	0.370	ng	# 87
22) Pentachlorophenol	16.85	266	15102	7.795	ng	# 82
23) Phenanthrene	17.24	178	7264	0.414	ng	99
24) Anthracene	17.34	178	7121	0.443	ng	99
26) Fluoranthene	19.27	202	12352	0.414	ng	99
28) Pyrene	19.63	202	12948	0.482	ng	99
30) Benzo(a)anthracene	21.38	228	14739	0.482	ng	98
31) Chrysene	21.44	228	15065	0.476	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	18751	0.427	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	16888	0.450	ng	99
35) Benzo(b)fluoranthene	23.14	252	14392	0.442	ng	99
36) Benzo(k)fluoranthene	23.19	252	15080	0.443	ng	99
37) Benzo(a)pyrene	23.81	252	14022	0.437	ng	# 98
38) Dibenzo(a,h)anthracene	26.63	278	13719	0.425	ng	99
39) Benzo(g,h,i)perylene	27.43	276	14626	0.438	ng	99

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

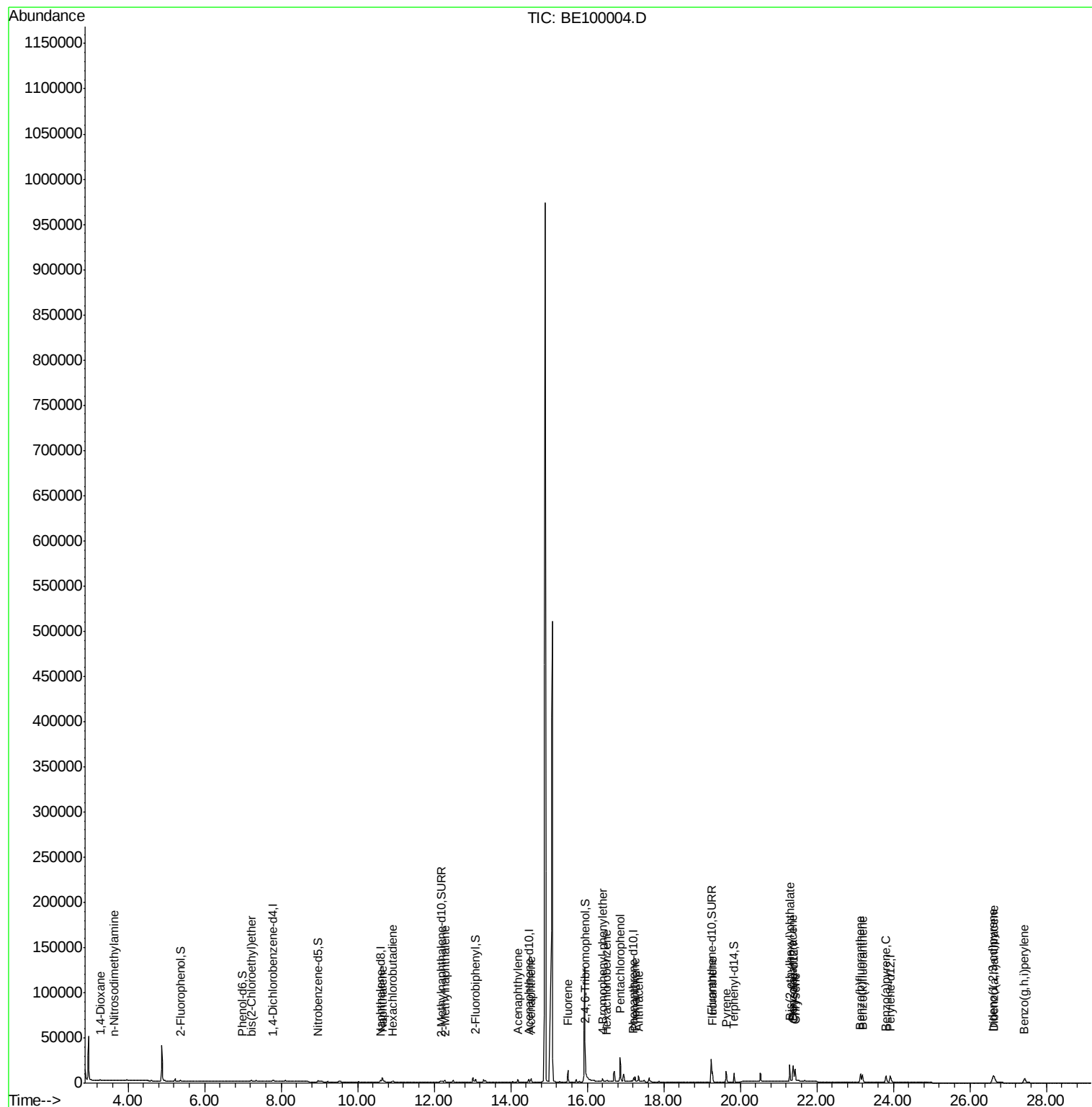
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061319\
Data File : BE100004.D
Acq On : 13 Jun 2019 23:49
Operator : JU/SJ
Sample : K3280-10MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Manual Integrations
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6/17/2019 10:06:25 AM

Quant Time: Jun 14 15:10:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 14:57:20 2019
Response via : Initial Calibration





#1

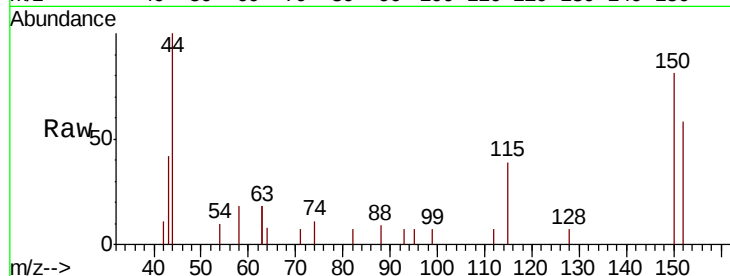
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.78 min Scan# 427
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tot Ion	Ratio	Lower	Upper
152	100		
150	138.8	111.0	166.6
115	67.1	50.7	76.1

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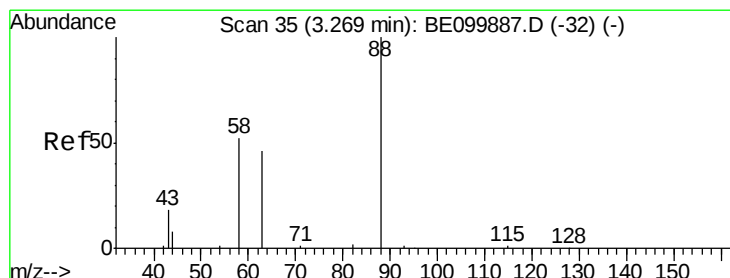
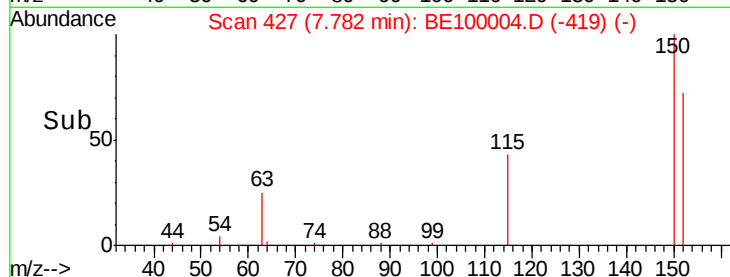
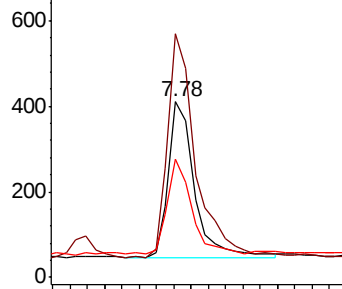


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

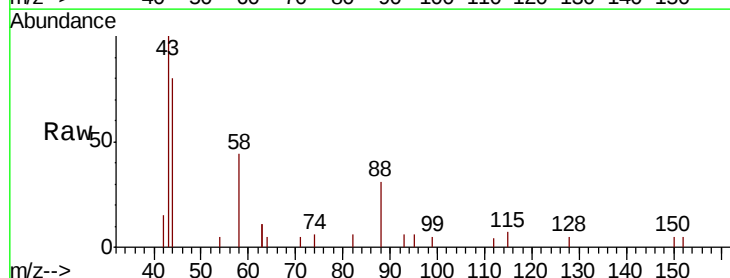
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.298 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.6	48.8	73.2#
43	0.0	19.0	28.6#

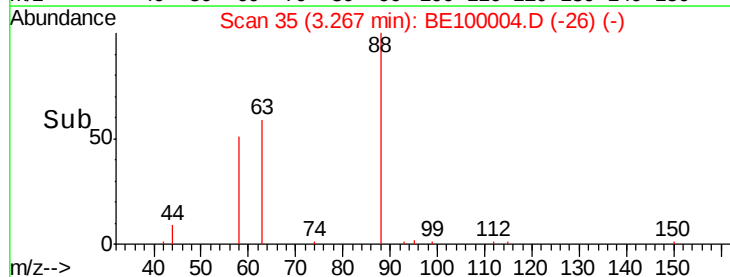
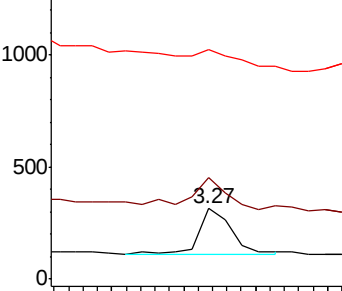


Abundance

Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1





#3

n-Nitrosodimethylamine

Concen: 0.119 ng

RT: 3.64 min Scan# 67

Delta R.T. 0.03 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

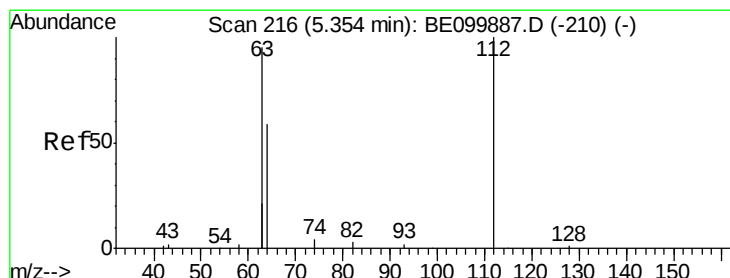
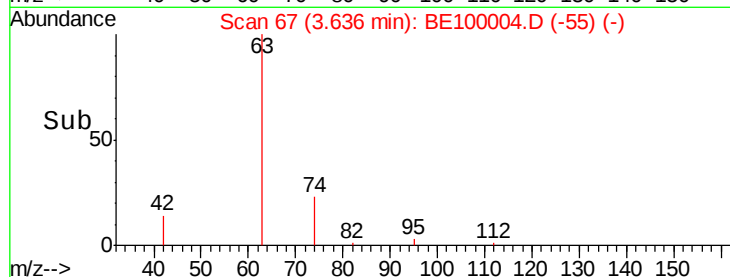
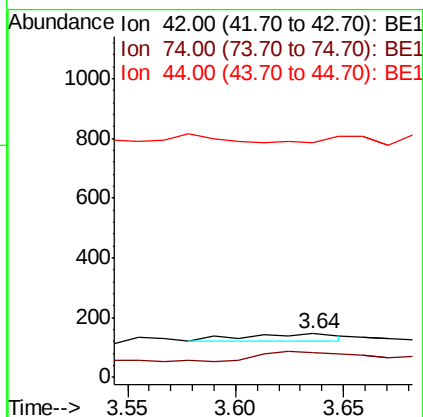
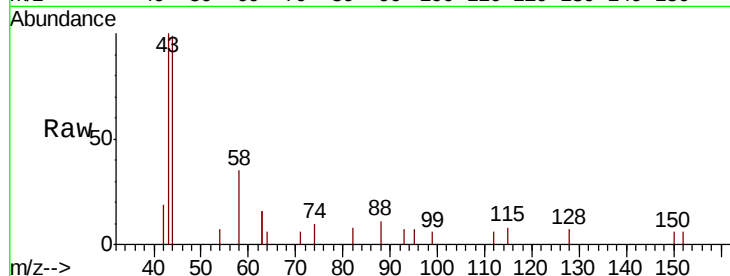
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

Tot Ion:	42	Resp:	77
Ion	Ratio	Lower	Upper
42	100		
74	110.4	0.0	0.0#
44	0.0	0.0	0.0

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#4

2-Fluorophenol

Concen: 0.160 ng

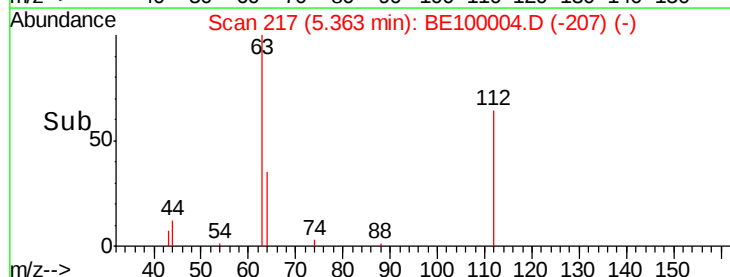
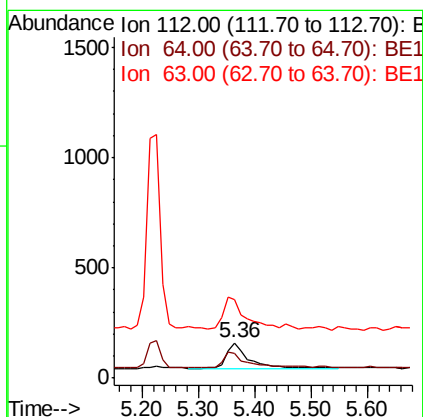
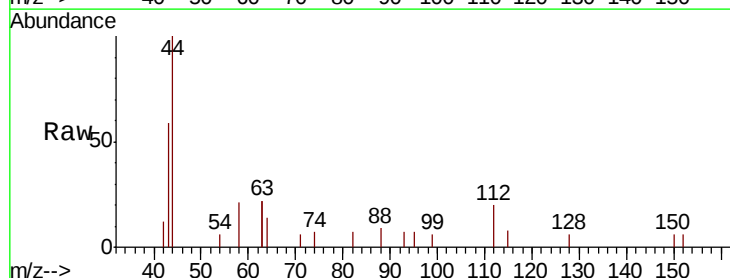
RT: 5.36 min Scan# 217

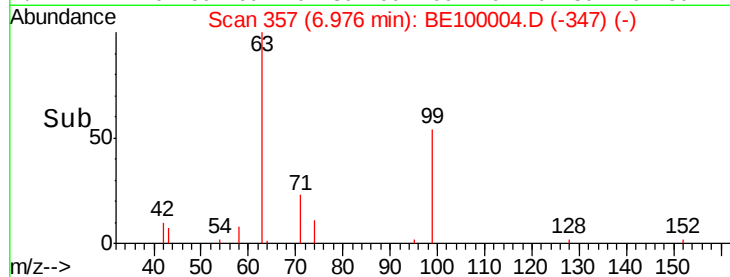
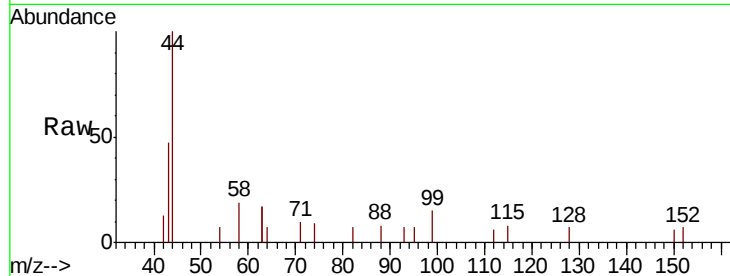
Delta R.T. 0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Tgt Ion:	112	Resp:	329
Ion	Ratio	Lower	Upper
112	100		
64	57.4	44.1	66.1
63	116.4	87.8	131.6





#5

Phenol-d6

Concen: 0.099 ng

RT: 6.98 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Tot Ion:	99	Resp:	261
Ion Ratio	Lower	Upper	
99	100		
42	14.2	15.9	23.9#
71	39.1	34.6	52.0

Instrument :

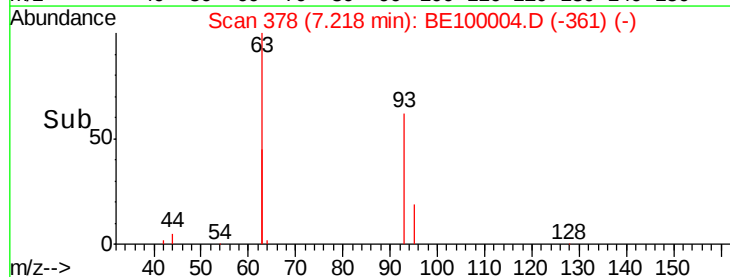
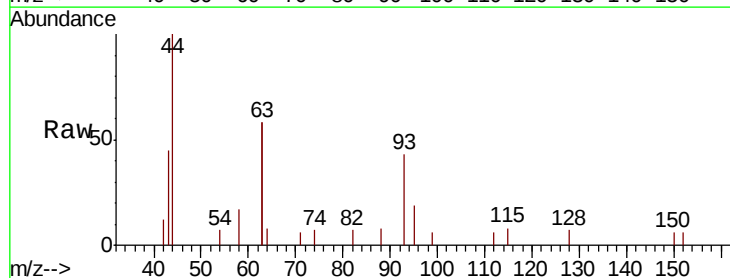
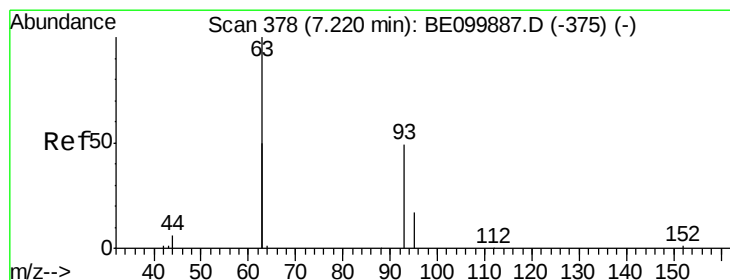
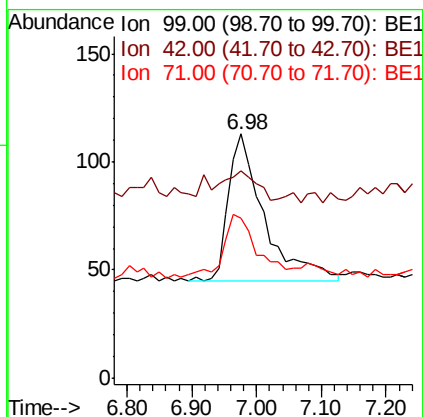
BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

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#6

bis(2-Chloroethyl)ether

Concen: 0.395 ng

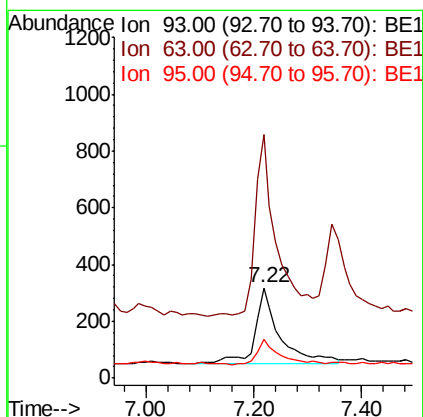
RT: 7.22 min Scan# 378

Delta R.T. -0.00 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Tgt Ion:	93	Resp:	853
Ion Ratio	Lower	Upper	
93	100		
63	200.7	202.8	304.2#
95	29.4	23.7	35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

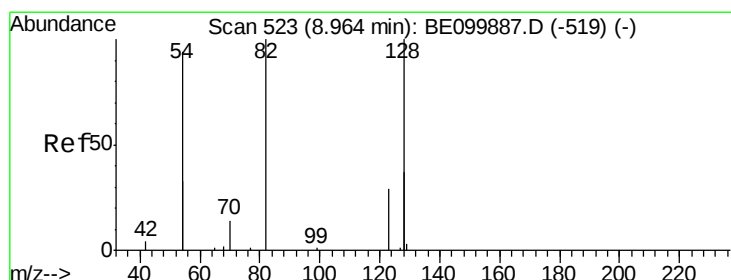
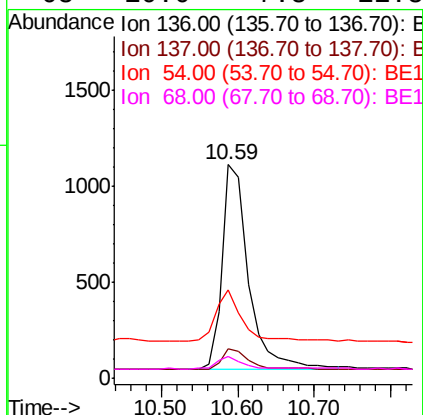
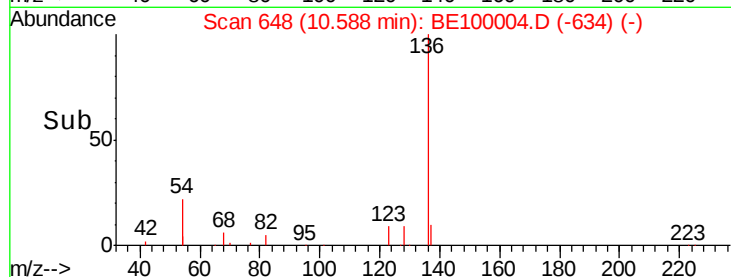
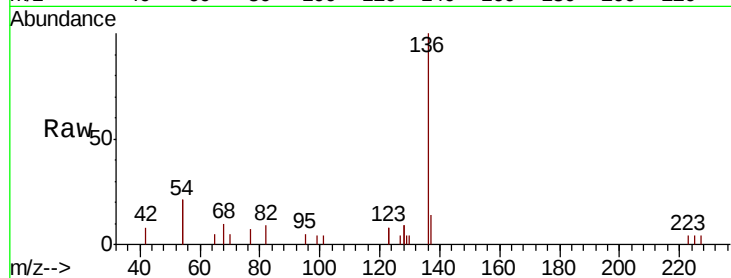
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

Tot Ion	Ratio	Lower	Upper
136	100		
137	13.7	12.3	18.5
54	41.5	28.2	42.4
68	10.0	7.8	11.8

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#8

Nitrobenzene-d5

Concen: 0.398 ng

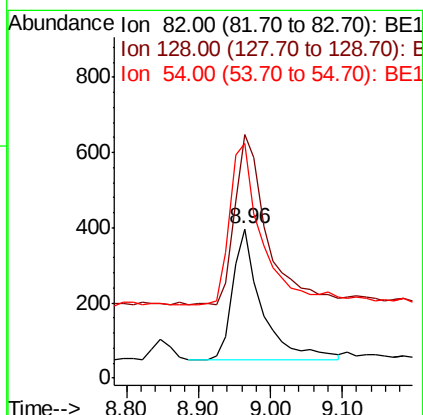
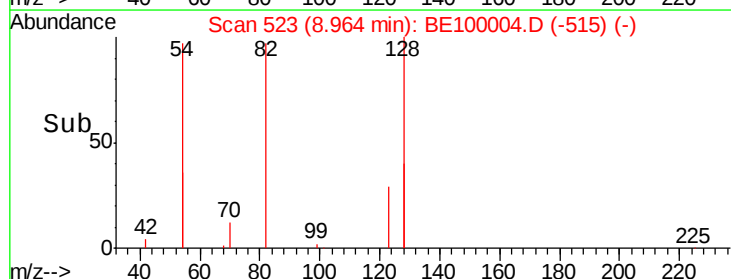
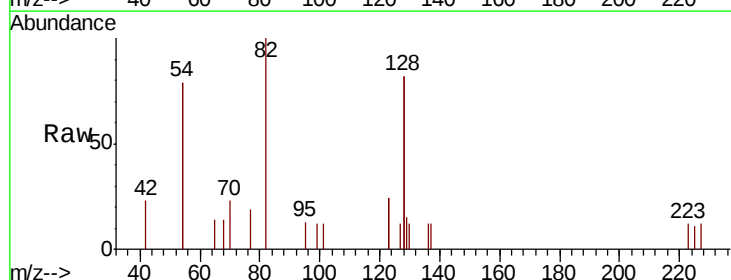
RT: 8.96 min Scan# 523

Delta R.T. -0.00 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Tgt Ion	Ratio	Lower	Upper
82	100		
128	163.2	137.3	205.9
54	157.7	129.7	194.5





#9

Naphthalene

Concen: 0.392 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

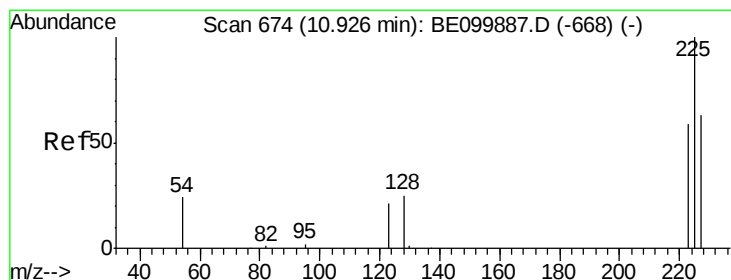
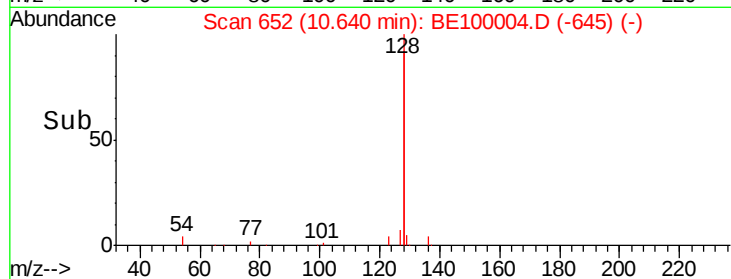
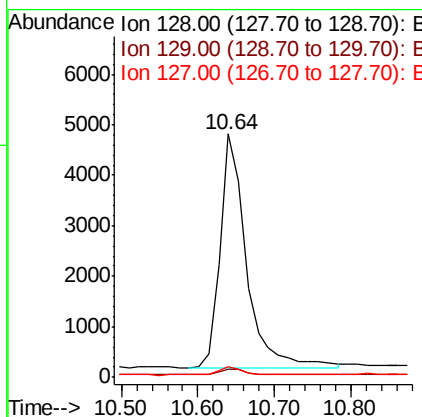
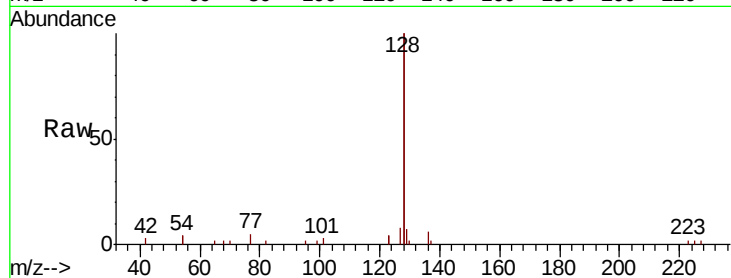
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

Tot Ion:	128	Resp:	11047
Ion Ratio	Lower	Upper	
128	100		
129	3.5	3.0	4.6
127	4.2	3.4	5.0

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.392 ng

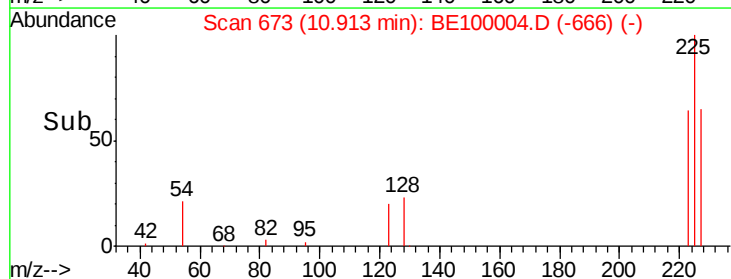
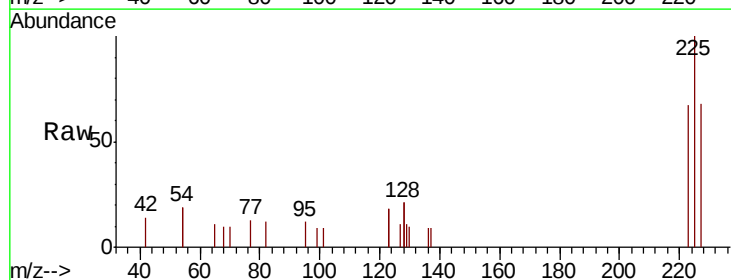
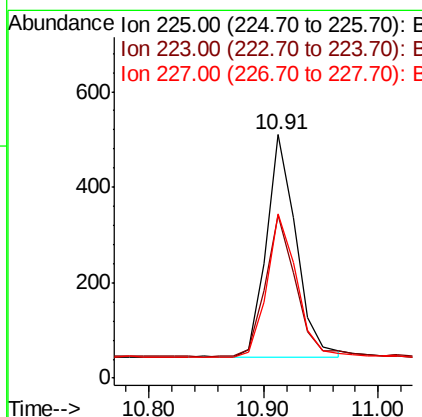
RT: 10.91 min Scan# 673

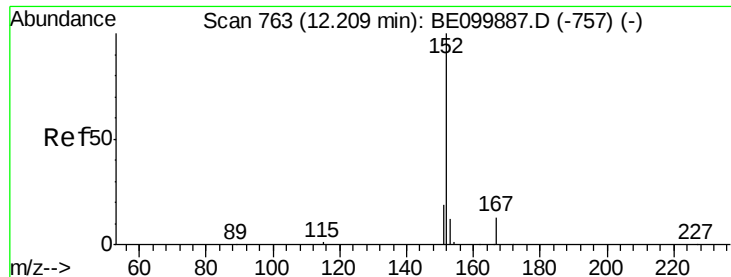
Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Tgt Ion:	225	Resp:	844
Ion Ratio	Lower	Upper	
225	100		
223	65.3	51.6	77.4
227	65.0	50.6	76.0





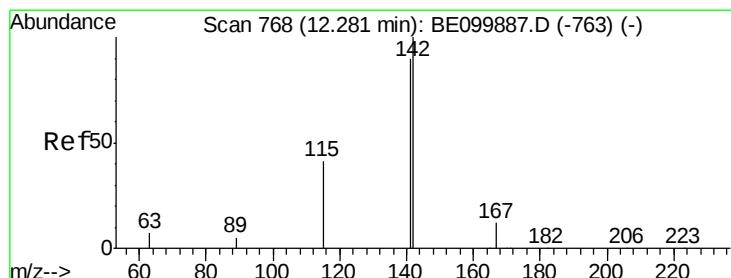
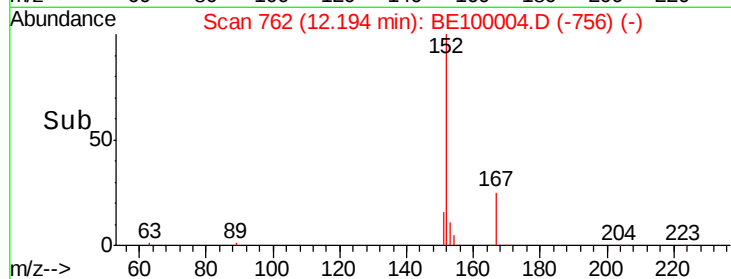
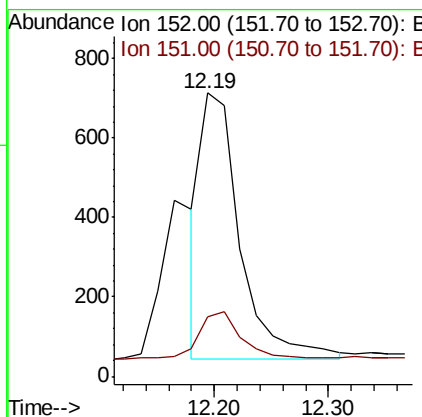
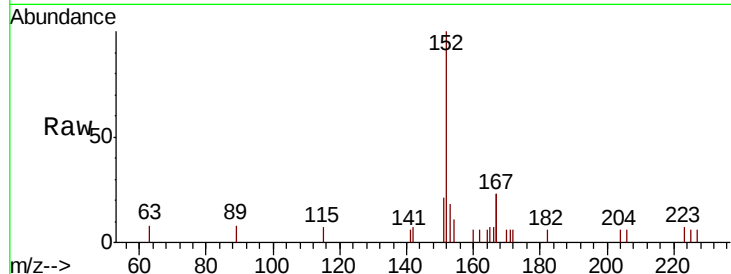
#11
2-Methylnaphthalene-d10
Concen: 0.352 ng m
RT: 12.19 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tot Ion:152 Resp: 1602
Ion Ratio Lower Upper
152 100
151 19.2 15.2 22.8

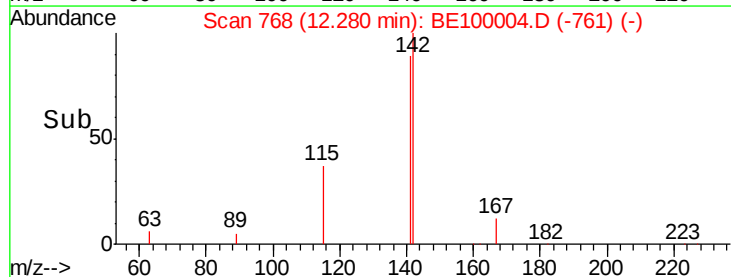
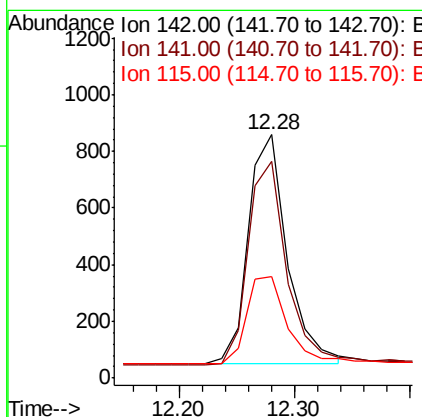
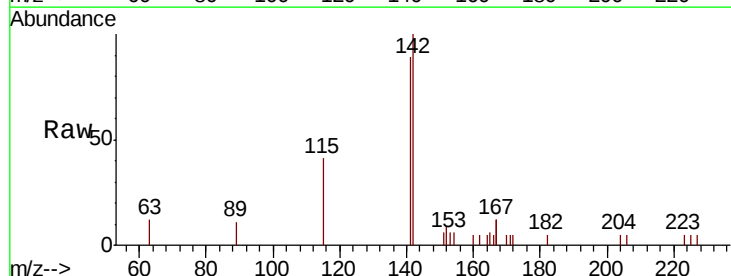
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#12
2-Methylnaphthalene
Concen: 0.416 ng
RT: 12.28 min Scan# 768
Delta R.T. -0.00 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Tgt Ion:142 Resp: 1907
Ion Ratio Lower Upper
142 100
141 89.1 72.3 108.5
115 41.4 36.4 54.6





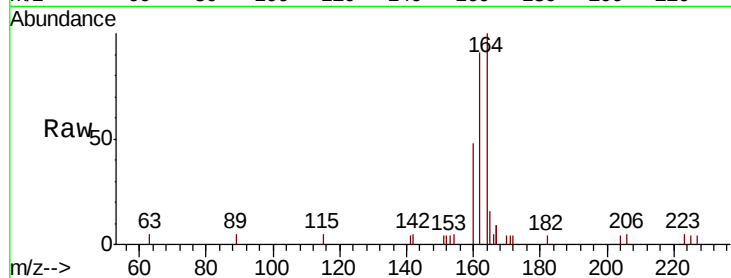
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.47 min Scan# 920
Delta R.T. -0.00 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tot Ion	Ratio	Lower	Upper
164	100		
162	90.5	77.8	116.8
160	48.2	38.2	57.4

Manual Integrations
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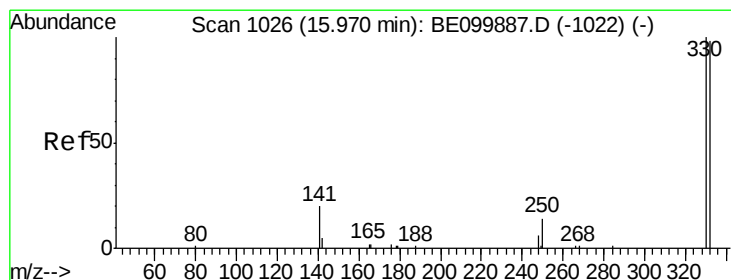
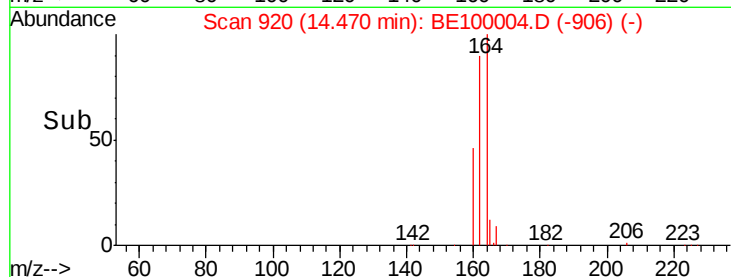
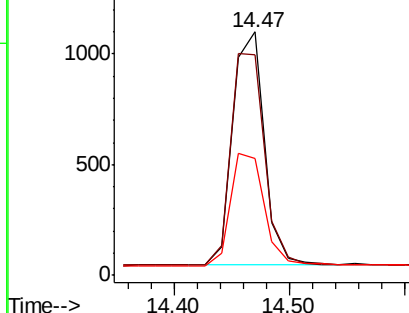


Abundance

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: 0.507 ng
RT: 15.96 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

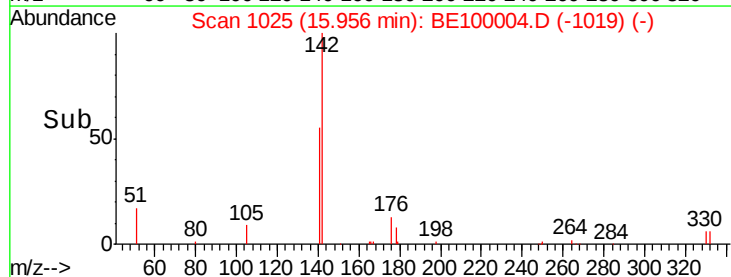
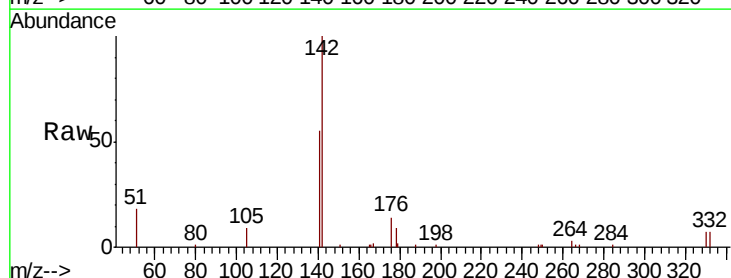
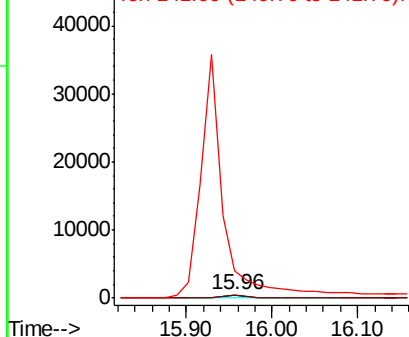
Tgt Ion	Ratio	Lower	Upper
330	100		
332	99.5	76.7	115.1
141	0.0	21.0	31.6#

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





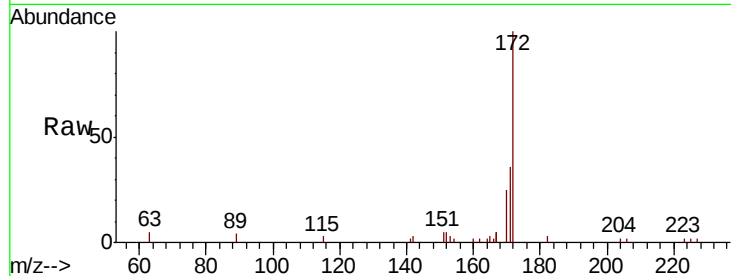
#15
2-Fluorobiphenyl
Concen: 0.465 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.6	29.2	43.8
170	24.6	21.2	31.8

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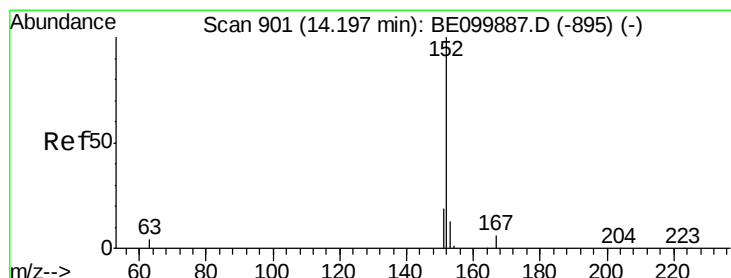
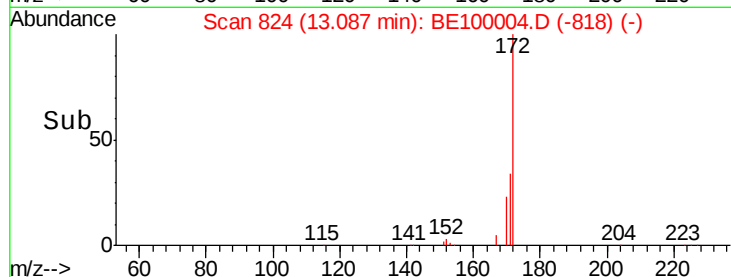
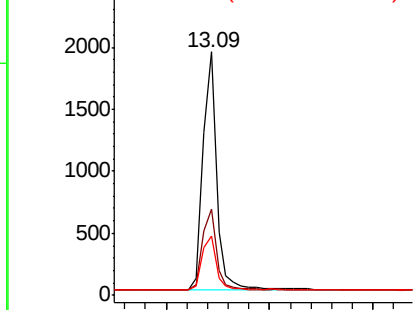


Abundance

Ion 172.00 (171.70 to 172.70): E

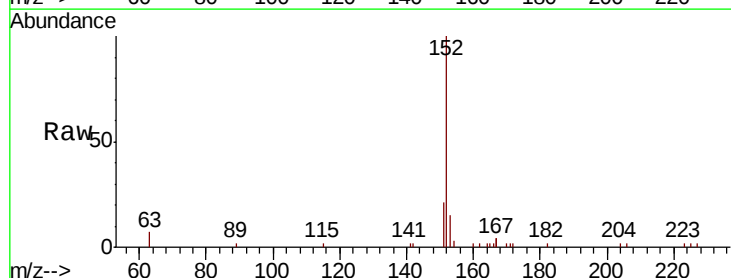
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	13.0	10.2	15.2

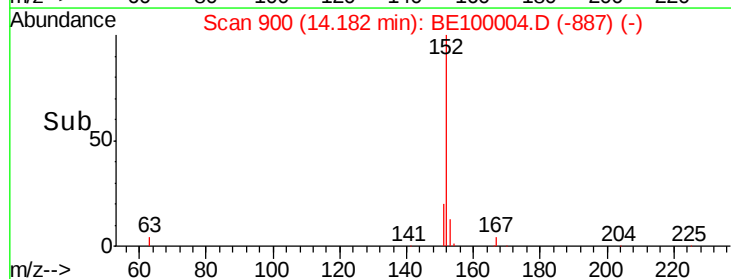
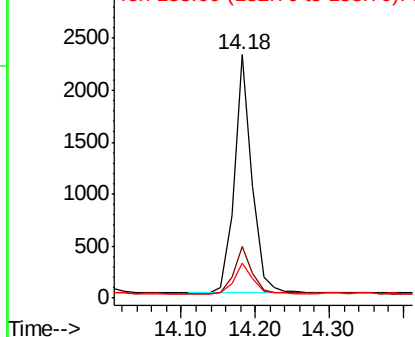


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





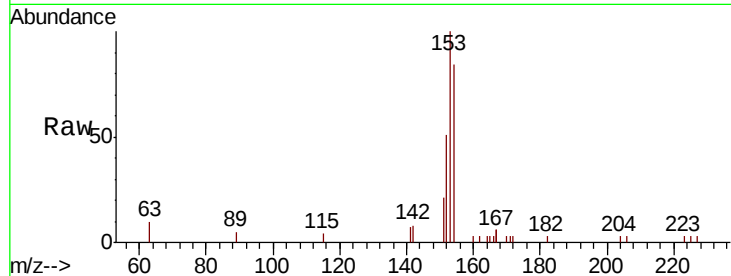
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.53 min Scan# 924
Delta R.T. -0.00 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tot Ion	Ratio	Lower	Upper
154	100		
153	118.7	93.1	139.7
152	61.5	47.0	70.4

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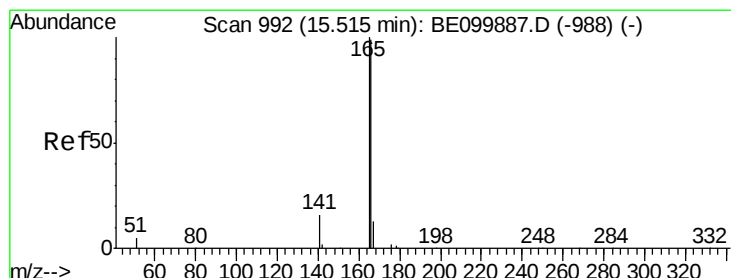
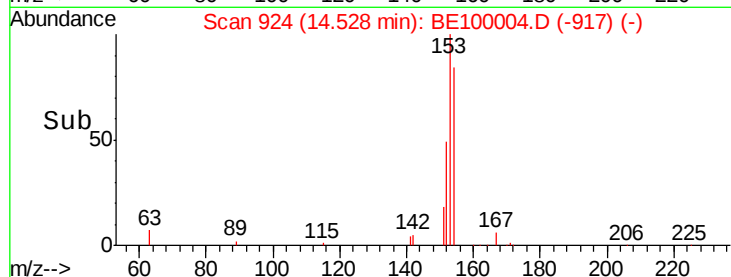
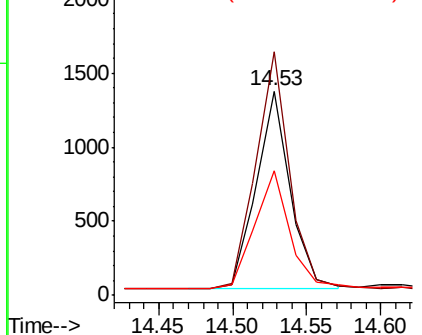


Abundance

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: 0.607 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

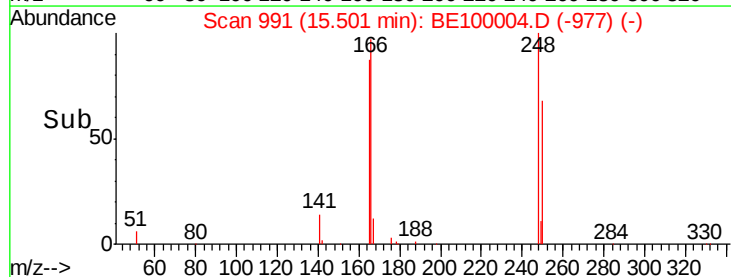
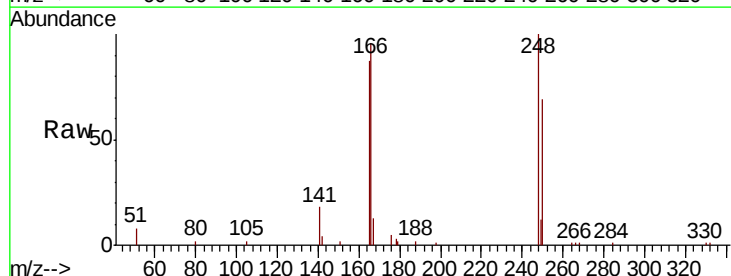
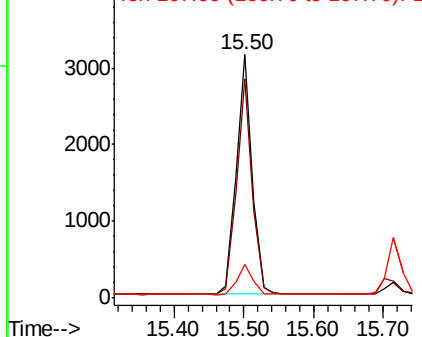
Tgt Ion	Ratio	Lower	Upper
166	100		
165	88.1	81.8	122.8
167	12.0	11.2	16.8

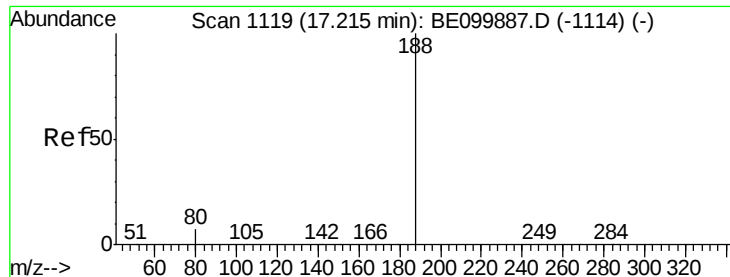
Abundance

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





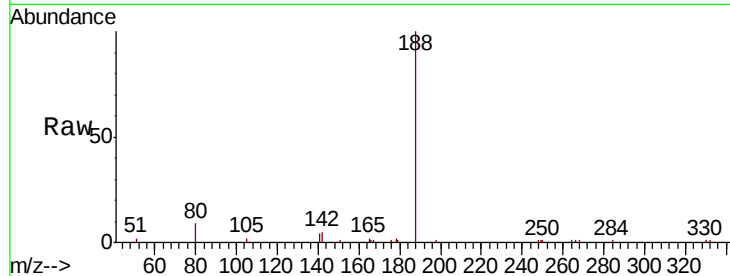
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

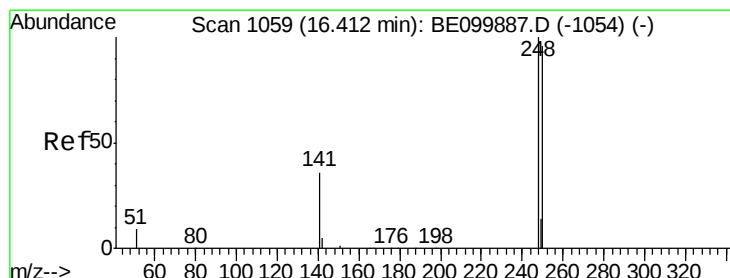
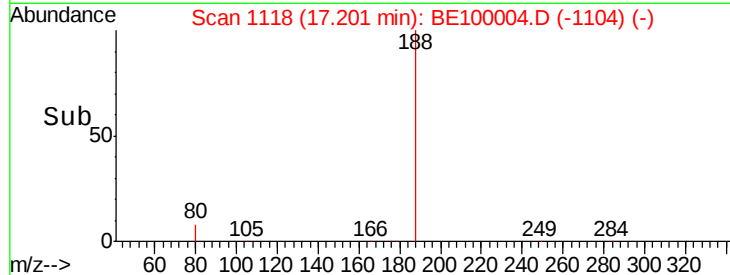
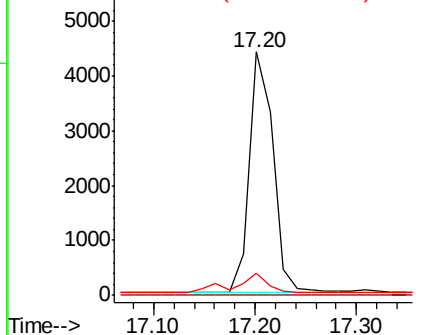
Tot Ion:188	Resp: 7231
Ion Ratio	Lower Upper
188 100	
94 0.0	0.0 0.0
80 9.3	6.4 9.6

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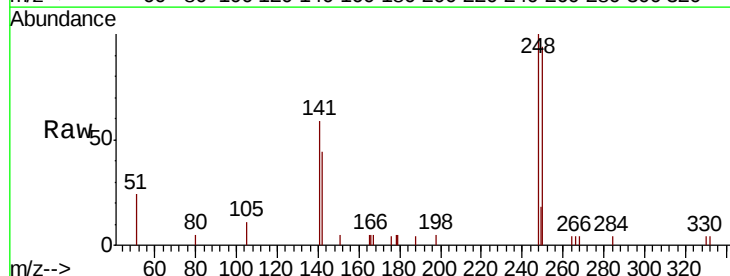


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BE1
Ion 80.00 (79.70 to 80.70): BE1

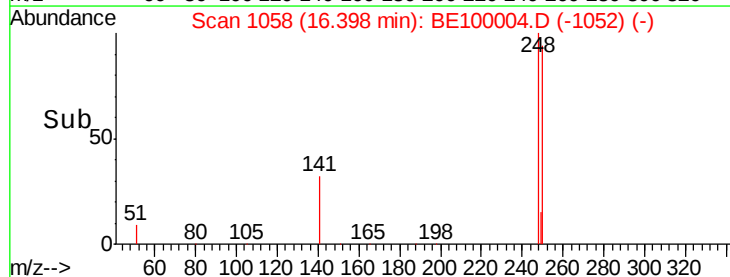
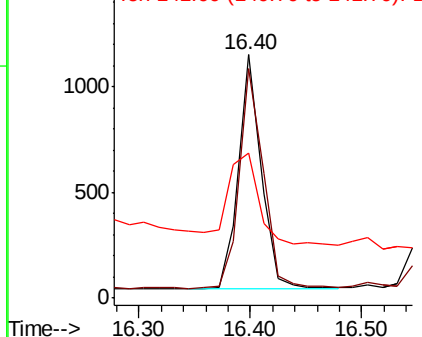


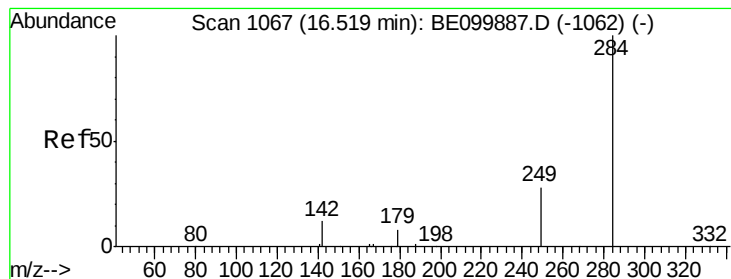
#20
4-Bromophenyl-phenylether
Concen: 0.379 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Tgt Ion:248	Resp: 1553
Ion Ratio	Lower Upper
248 100	
250 94.4	77.5 116.3
141 59.5	31.8 47.8#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#21

Hexachlorobenzene

Concen: 0.370 ng

RT: 16.51 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

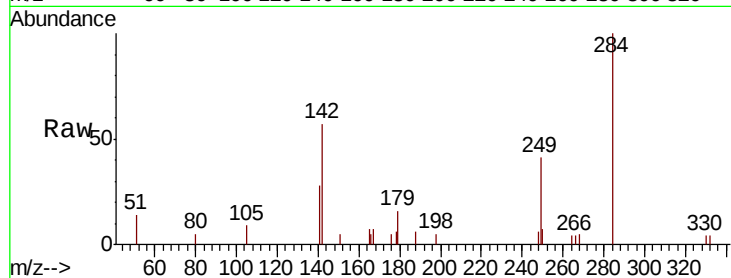
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

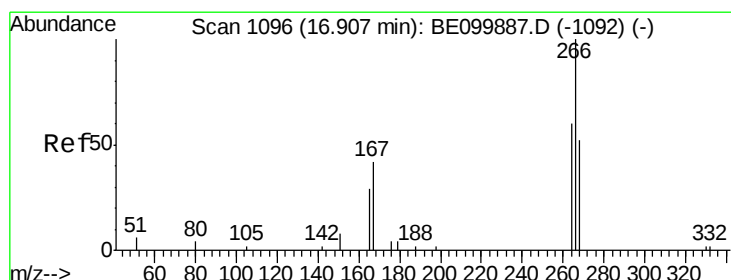
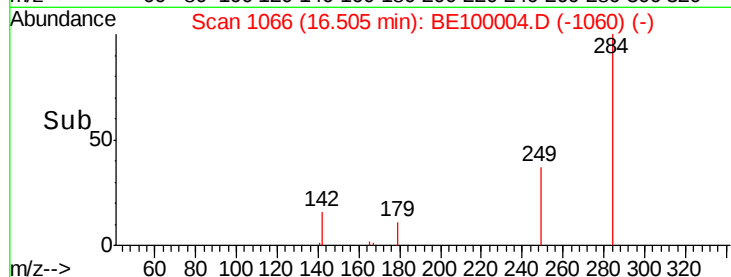
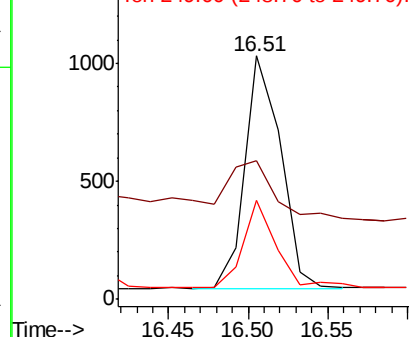
Tot Ion:	284	Resp:	1548
Ion Ratio	Lower	Upper	
284	100		
142	32.3	18.2	27.4#
249	35.2	24.6	37.0

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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: 7.795 ng

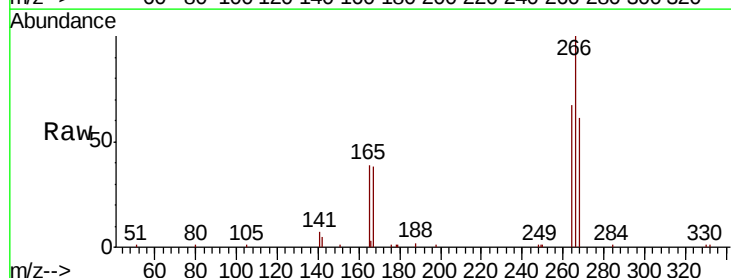
RT: 16.85 min Scan# 1092

Delta R.T. -0.05 min

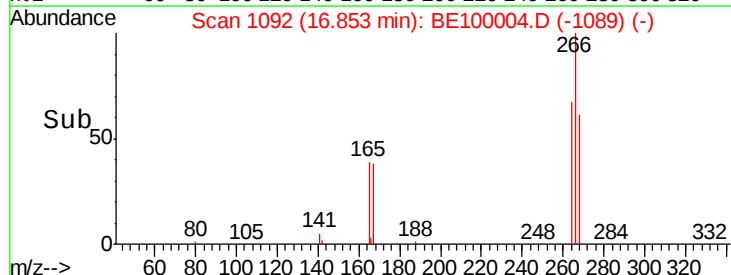
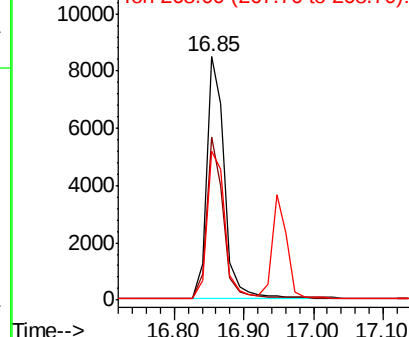
Lab File: BE100004.D

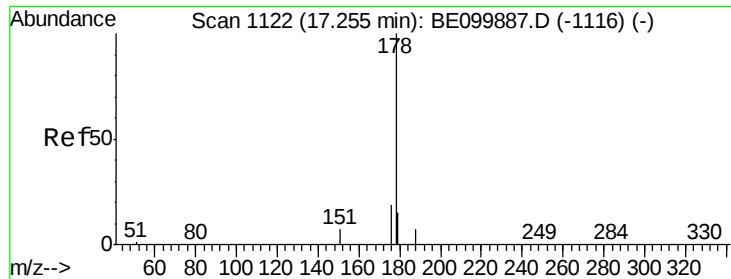
Acq: 13 Jun 2019 23:49

Tgt Ion:	266	Resp:	15102
Ion Ratio	Lower	Upper	
266	100		
264	66.8	62.2	93.2
268	61.0	65.5	98.3#



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: 0.414 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

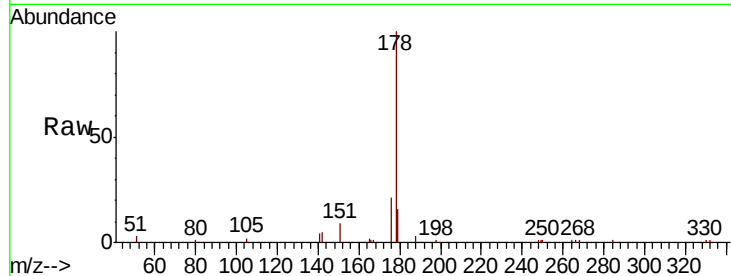
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

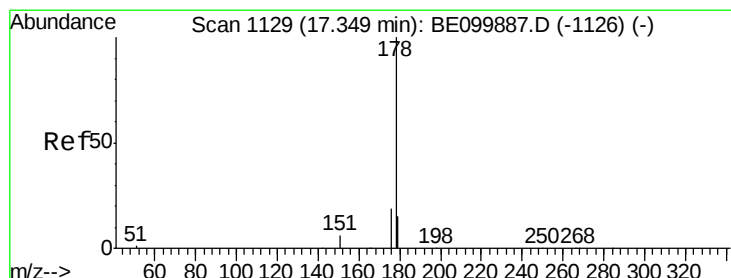
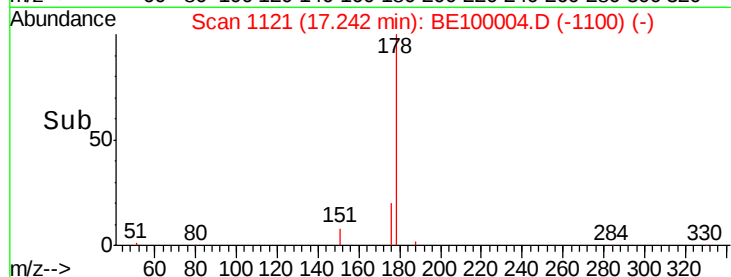
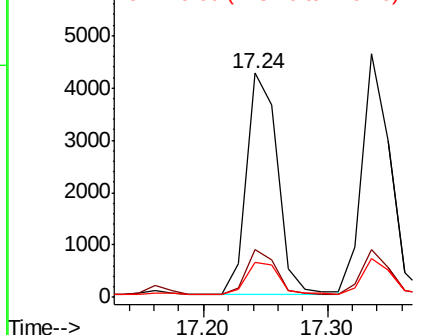
Tot Ion:178	Resp:	7264
Ion Ratio	Lower	Upper
178	100	
176	19.3	15.8 23.8
179	14.7	12.4 18.6

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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



#24

Anthracene

Concen: 0.443 ng

RT: 17.34 min Scan# 1128

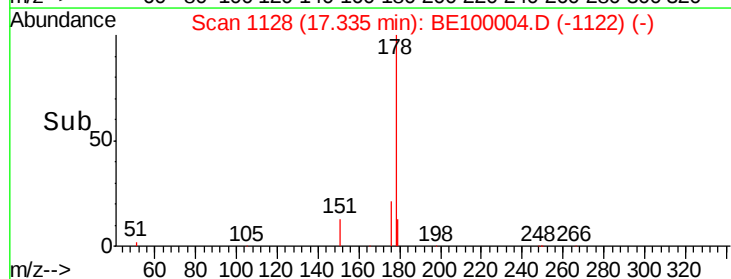
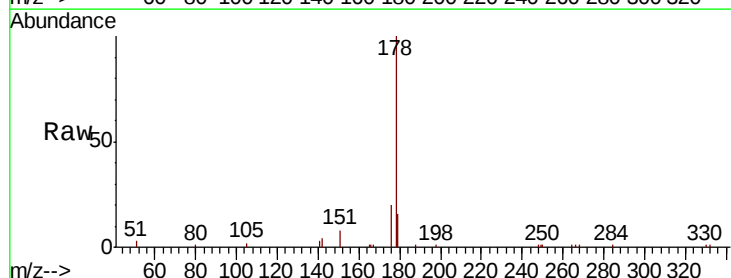
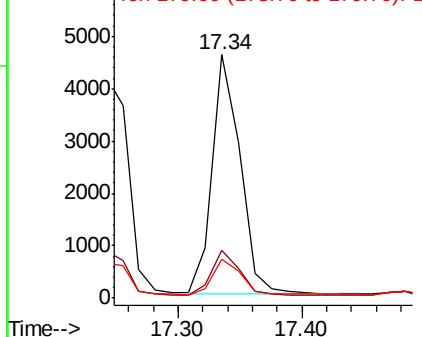
Delta R.T. -0.01 min

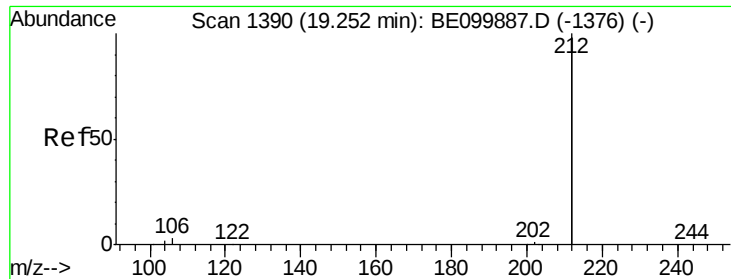
Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Tgt Ion:178	Resp:	7121
Ion Ratio	Lower	Upper
178	100	
176	18.6	14.6 22.0
179	14.8	12.3 18.5

Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#25

Fluoranthene-d10

Concen: 0.337 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Instrument :

BNA_E

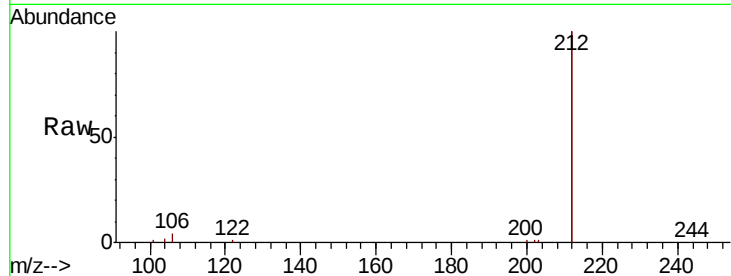
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

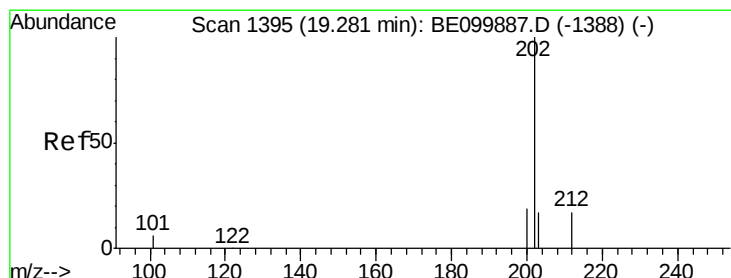
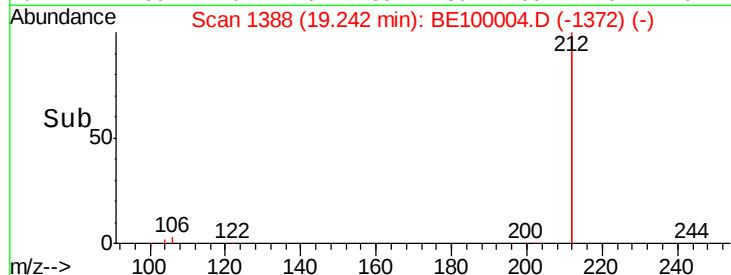
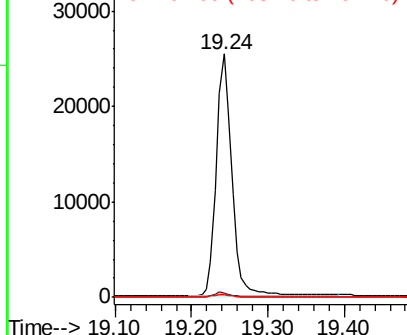
Tot Ion:	212	Resp:	35470
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.4	2.2
104	1.1	0.9	1.3

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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: 0.414 ng

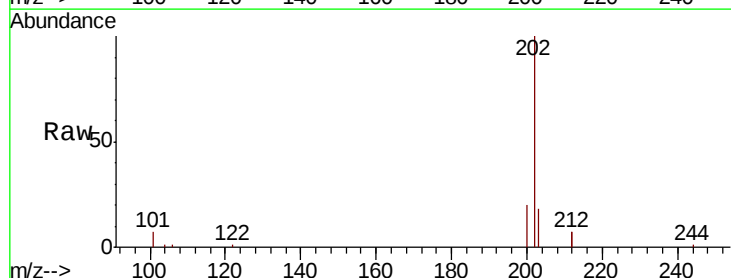
RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

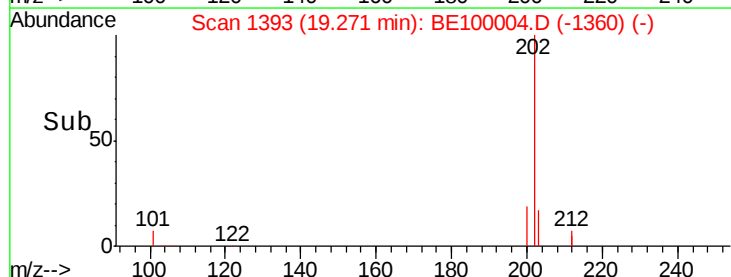
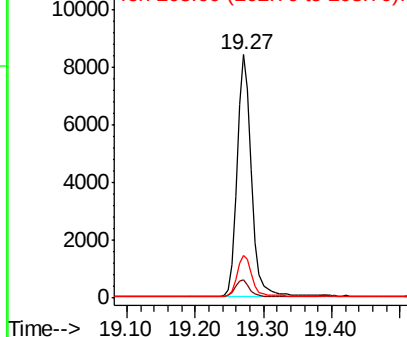
Lab File: BE100004.D

Acq: 13 Jun 2019 23:49

Tgt Ion:	202	Resp:	12352
Ion Ratio	Lower	Upper	
202	100		
101	6.8	5.4	8.0
203	17.2	13.2	19.8



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





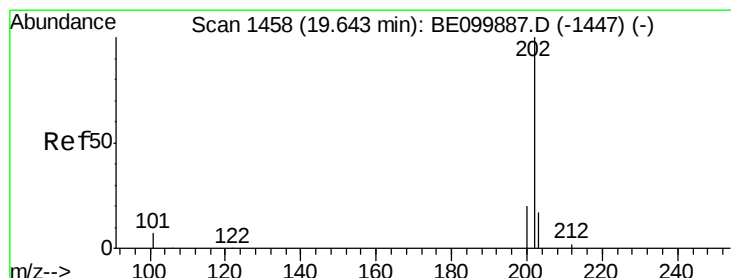
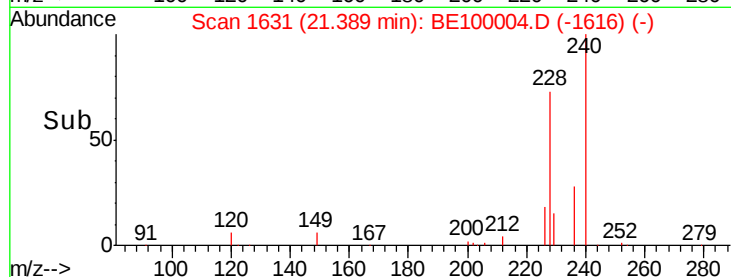
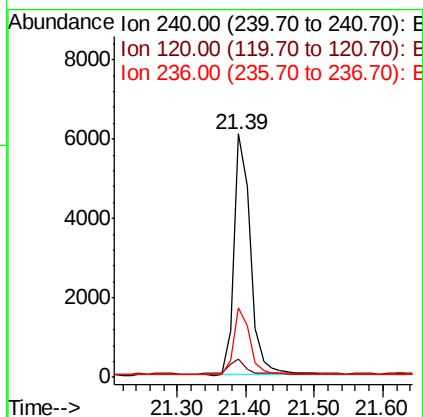
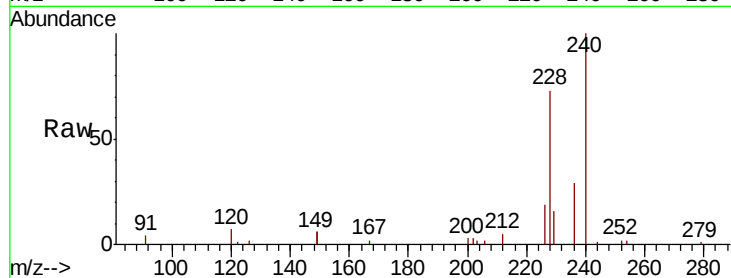
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1631
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.3	3.8	5.6#
236	28.6	22.0	33.0

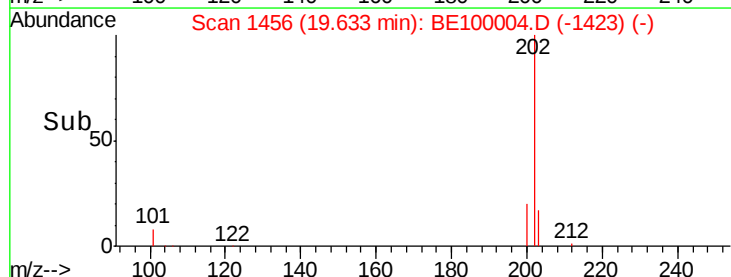
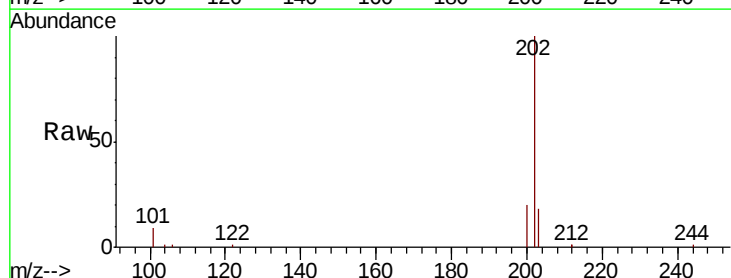
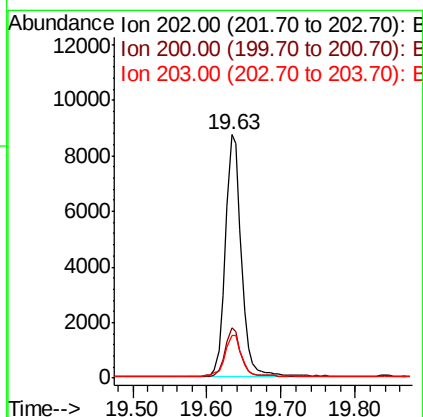
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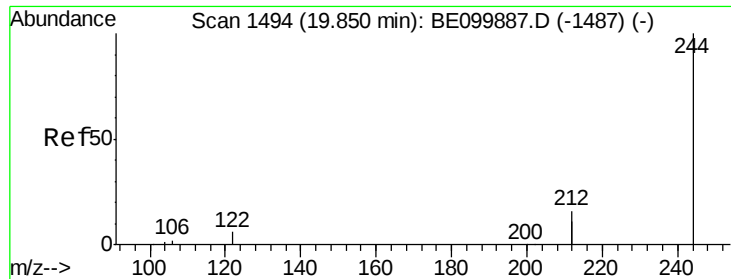
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#28
Pyrene
Concen: 0.482 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.6	15.5	23.3
203	18.2	14.0	21.0





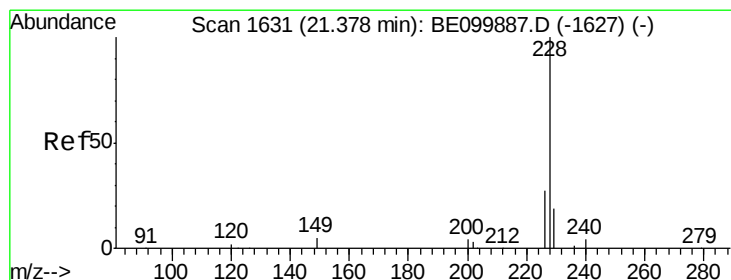
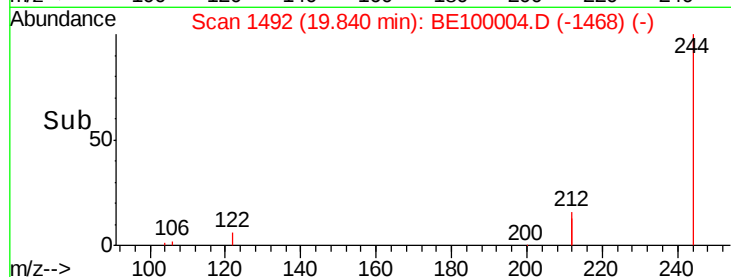
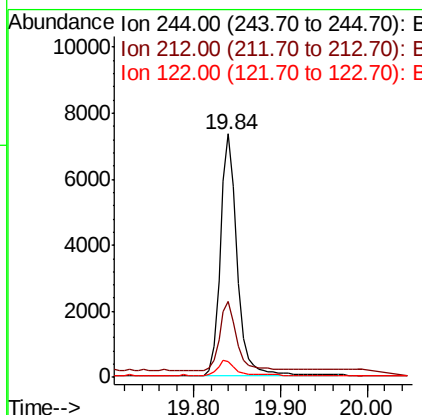
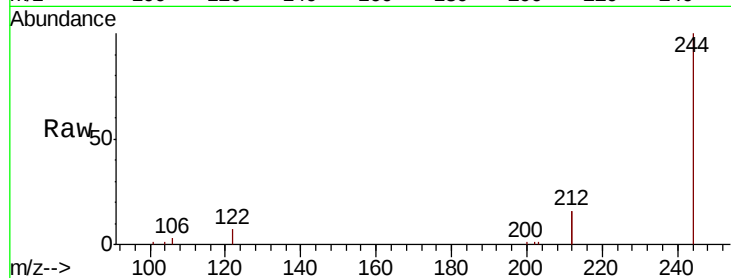
#29
 Terphenyl-d14
 Concen: 0.539 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE100004.D
 Acq: 13 Jun 2019 23:49

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20190608M

Tot Ion	Ratio	Lower	Upper
244	100		
212	31.3	25.7	38.5
122	6.7	5.5	8.3

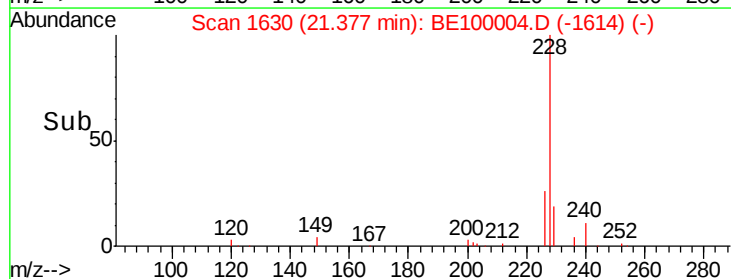
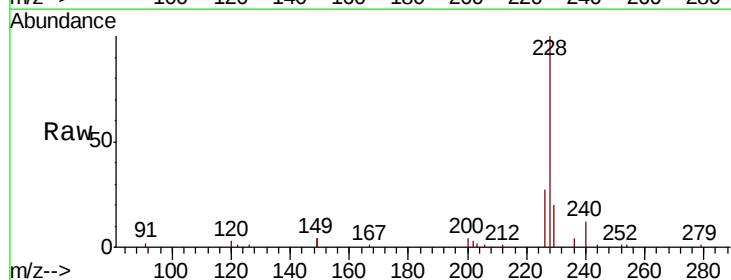
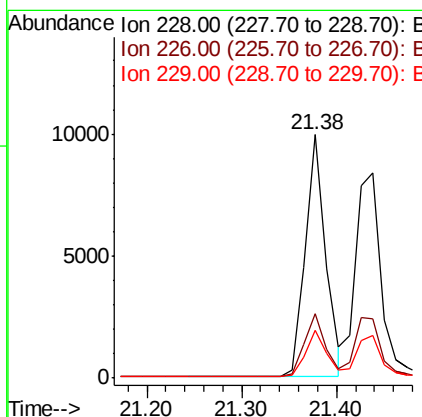
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#30
 Benzo(a)anthracene
 Concen: 0.482 ng
 RT: 21.38 min Scan# 1630
 Delta R.T. -0.00 min
 Lab File: BE100004.D
 Acq: 13 Jun 2019 23:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.6	22.5	33.7
229	19.9	15.9	23.9





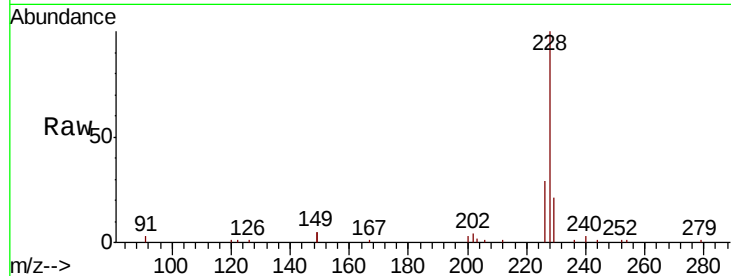
#31
 Chrysene
 Concen: 0.476 ng
 RT: 21.44 min Scan# 1635
 Delta R.T. -0.00 min
 Lab File: BE100004.D
 Acq: 13 Jun 2019 23:49

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20190608M

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.8	24.1	36.1
229	20.7	16.1	24.1

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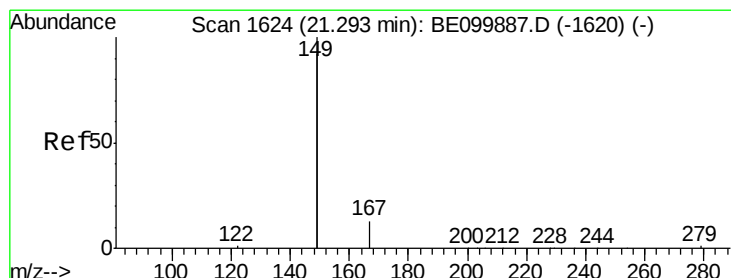
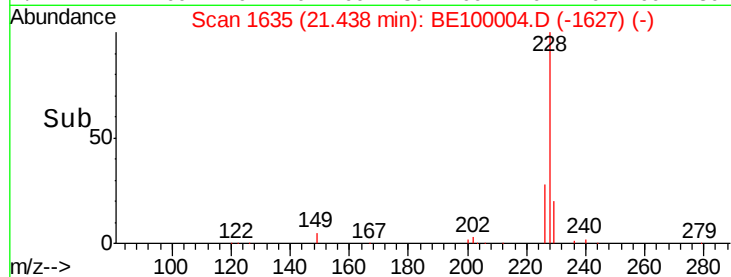
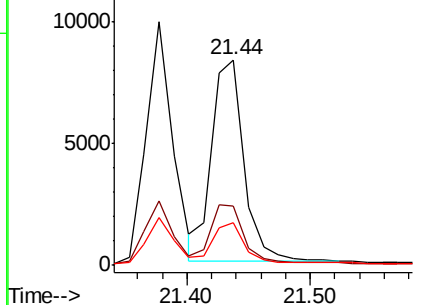


Abundance

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: 0.427 ng
 RT: 21.29 min Scan# 1623
 Delta R.T. -0.00 min
 Lab File: BE100004.D
 Acq: 13 Jun 2019 23:49

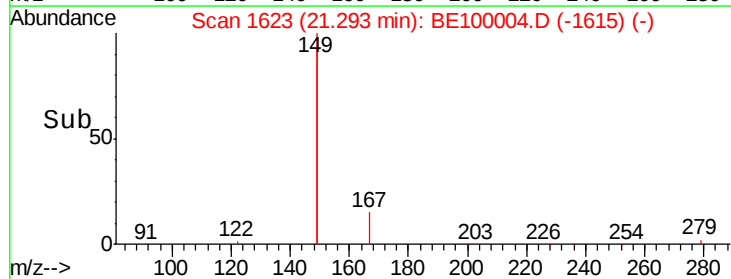
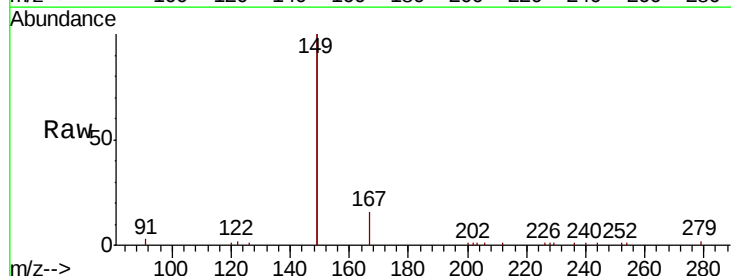
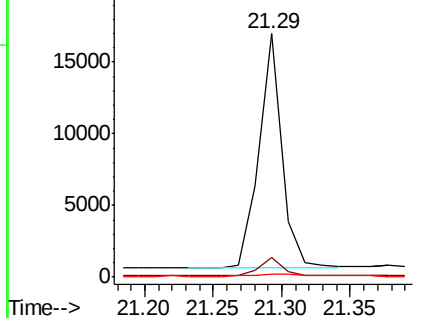
Tgt Ion	Ratio	Lower	Upper
149	100		
167	7.5	5.9	8.9
279	1.5	1.2	1.8

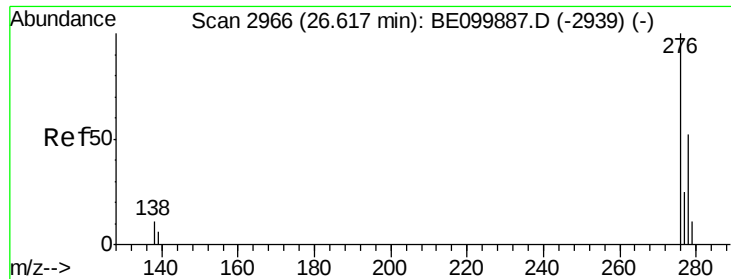
Abundance

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





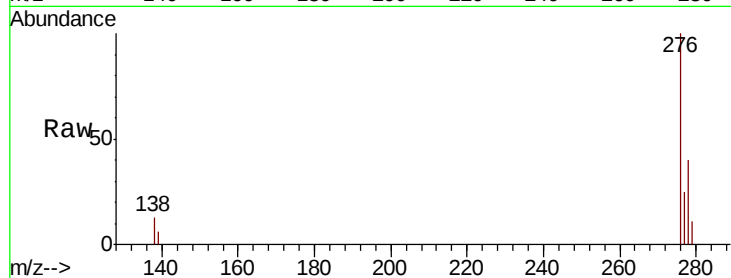
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.450 ng
RT: 26.60 min Scan# 2961
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

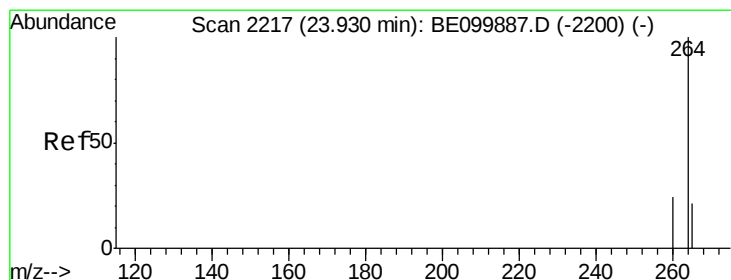
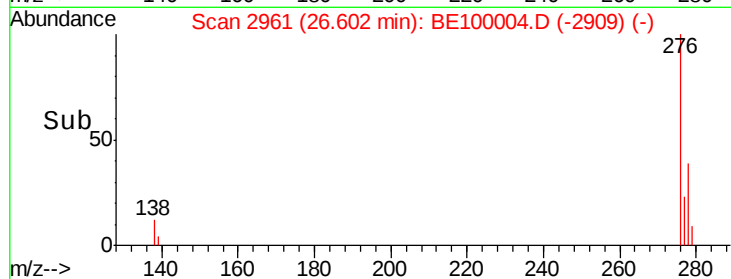
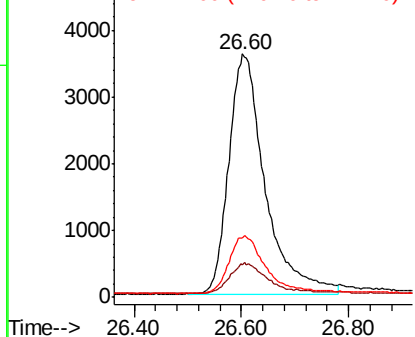
Tot Ion:	276	Resp:	16888
Ion Ratio	Lower	Upper	
276	100		
138	12.5	10.1	15.1
277	24.3	19.1	28.7

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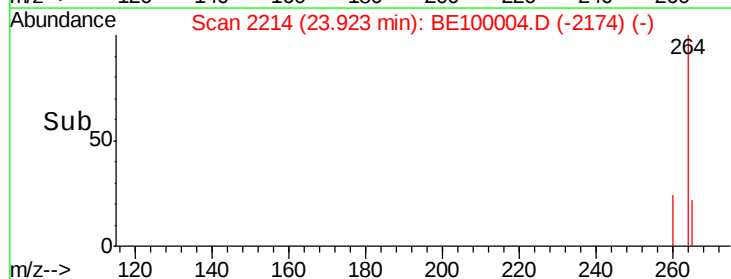
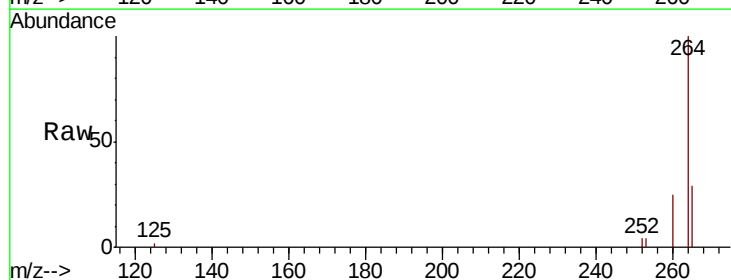
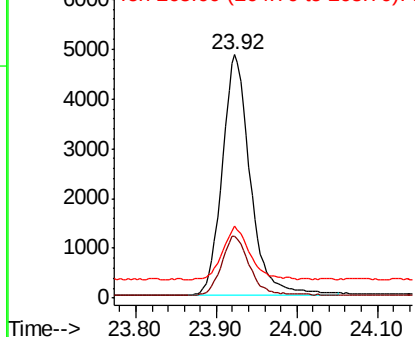
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

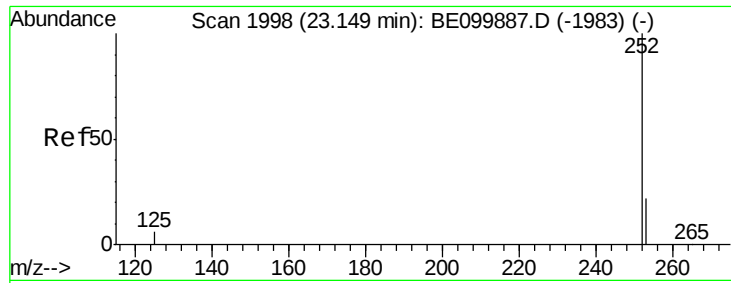


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.92 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Tgt Ion:	264	Resp:	11612
Ion Ratio	Lower	Upper	
264	100		
260	25.3	20.2	30.2
265	29.4	22.0	33.0

Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





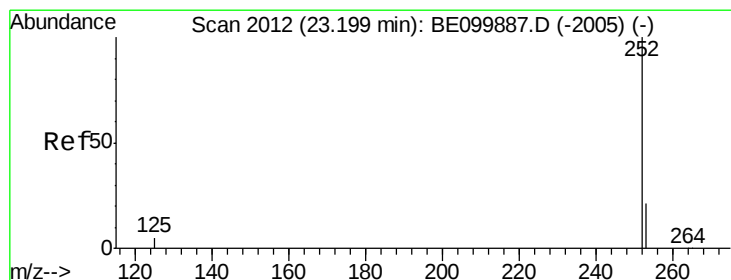
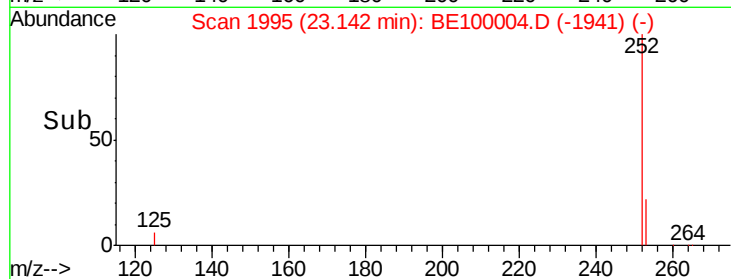
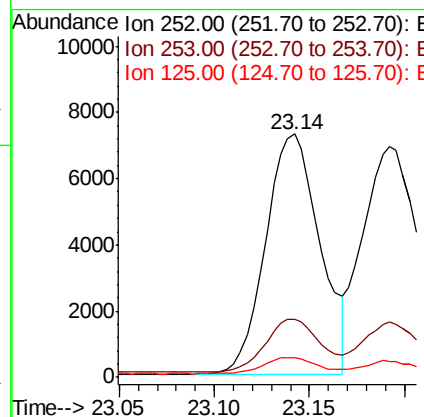
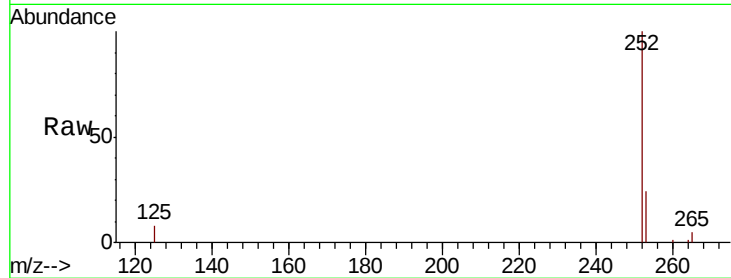
#35
Benzo(b)fluoranthene
Concen: 0.442 ng
RT: 23.14 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	8.0	5.7	8.5

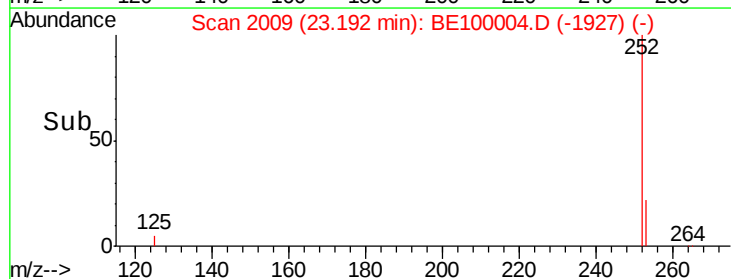
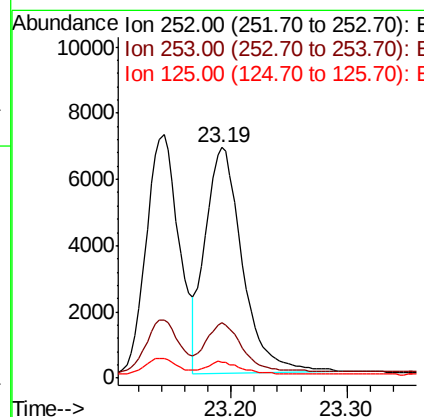
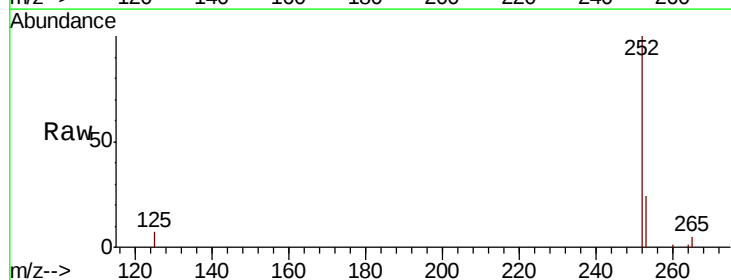
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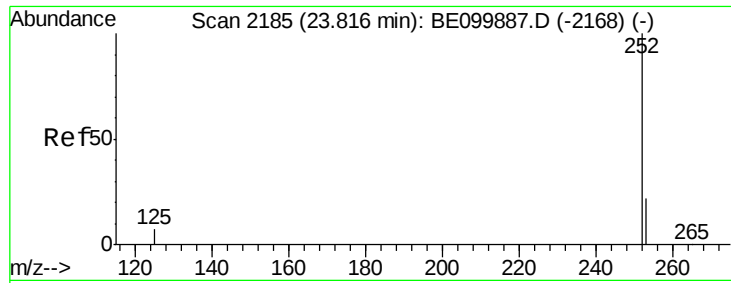
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#36
Benzo(k)fluoranthene
Concen: 0.443 ng
RT: 23.19 min Scan# 2009
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.6	28.0
125	6.7	5.4	8.0





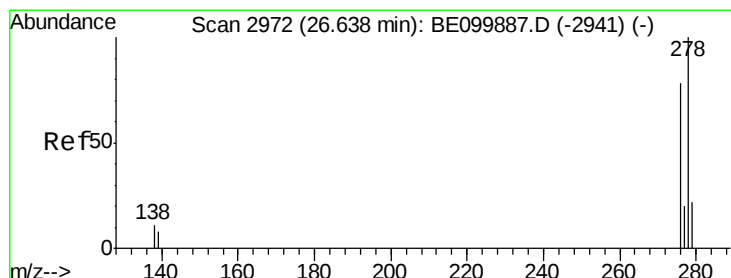
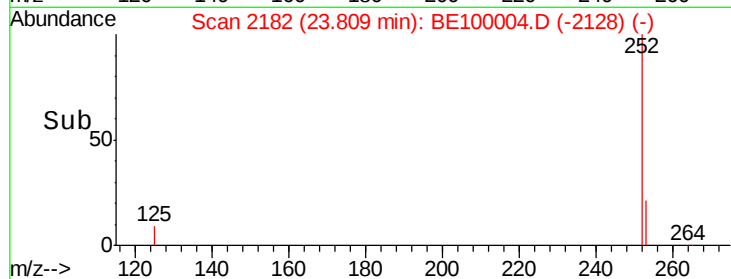
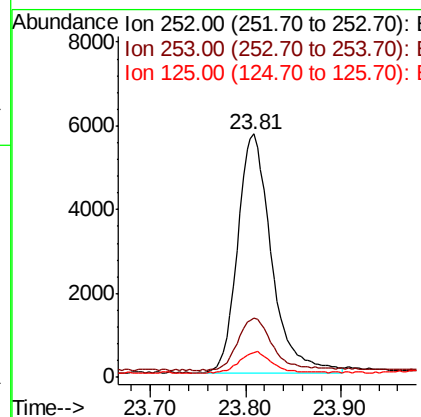
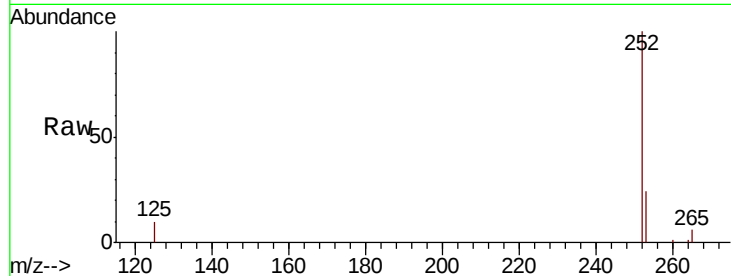
#37
Benzo(a)pyrene
Concen: 0.437 ng
RT: 23.81 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	19.6	29.4
125	10.4	6.6	10.0

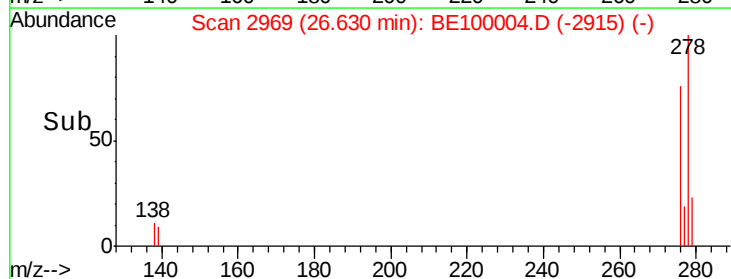
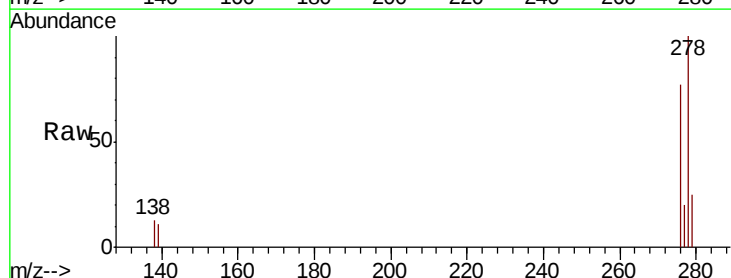
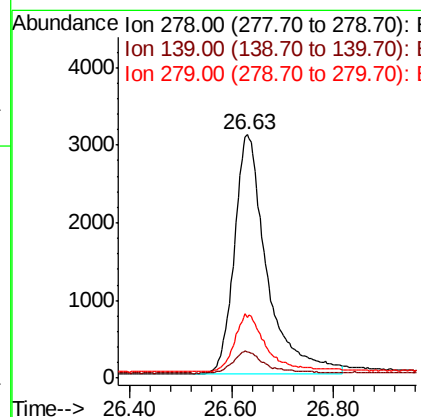
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#38
Dibenzo(a,h)anthracene
Concen: 0.425 ng
RT: 26.63 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BE100004.D
Acq: 13 Jun 2019 23:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.6	7.8	11.8
279	25.0	20.0	30.0





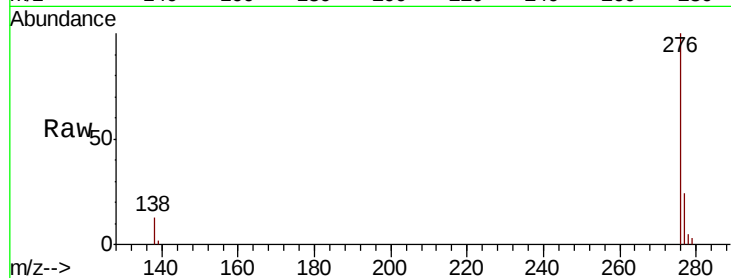
#39
 Benzo(a,h,i)perylene
 Concen: 0.438 ng
 RT: 27.43 min Scan# 3192
 Delta R.T. -0.01 min
 Lab File: BE100004.D
 Acq: 13 Jun 2019 23:49

Instrument :
 BNA_E
 ClientSampleId :
 BP-MH-SW4001-SOUTH-20190608M

Tot Ion:	276	Resp:	14626
Ion Ratio	Lower	Upper	
276	100		
277	24.3	19.5	29.3
138	13.0	9.5	14.3

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

