

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061319\
 Data File : BE100003.D
 Acq On : 13 Jun 2019 23:13
 Operator : JU/SJ
 Sample : K3280-09MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

mohammad
 6/17/2019 10:06:22 AM

Quant Time: Jun 14 15:09:55 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	7.79	152	689	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	2463	0.40	ng	-0.01
13) Acenaphthene-d10	14.46	164	1904	0.40	ng	-0.01
19) Phenanthrene-d10	17.20	188	6841	0.40	ng	-0.01
27) Chrysene-d12	21.39	240	9202	0.40	ng	-0.01
34) Perylene-d12	23.92	264	10391	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.36	112	319	0.17	ng	0.00
5) Phenol-d6	6.97	99	277	0.12	ng	0.00
8) Nitrobenzene-d5	8.96	82	931	0.40	ng	0.00
11) 2-Methylnaphthalene-d10	12.20	152	1552m	0.36	ng	-0.01
14) 2,4,6-Tribromophenol	15.96	330	733	0.52	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3797	0.53	ng	-0.01
25) Fluoranthene-d10	19.24	212	33709	0.34	ng	-0.01
29) Terphenyl-d14	19.84	244	9756	0.59	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.27	88	324	0.318	ng	# 61
3) n-Nitrosodimethylamine	3.62	42	61	0.104	ng	# 100
6) bis(2-Chloroethyl)ether	7.22	93	809	0.413	ng	80
9) Naphthalene	10.64	128	11030	0.415	ng	99
10) Hexachlorobutadiene	10.91	225	838	0.413	ng	98
12) 2-Methylnaphthalene	12.27	142	1865	0.432	ng	98
16) Acenaphthylene	14.18	152	3763	0.397	ng	100
17) Acenaphthene	14.53	154	2105	0.408	ng	100
18) Fluorene	15.50	166	4851	0.626	ng	89
20) 4-Bromophenyl-phenylether	16.40	248	1589	0.410	ng	# 90
21) Hexachlorobenzene	16.50	284	1553	0.392	ng	94
22) Pentachlorophenol	16.85	266	14394	7.851	ng	# 81
23) Phenanthrene	17.24	178	7270	0.438	ng	98
24) Anthracene	17.33	178	7059	0.464	ng	99
26) Fluoranthene	19.27	202	11985	0.425	ng	99
28) Pyrene	19.63	202	12481	0.516	ng	99
30) Benzo(a)anthracene	21.38	228	13861	0.504	ng	99
31) Chrysene	21.43	228	14170	0.498	ng	98
32) Bis(2-ethylhexyl)phthalate	21.29	149	19272	0.488	ng	100
33) Indeno(1,2,3-cd)pyrene	26.60	276	16064	0.476	ng	99
35) Benzo(b)fluoranthene	23.14	252	13743m	0.472	ng	
36) Benzo(k)fluoranthene	23.19	252	14291	0.469	ng	99
37) Benzo(a)pyrene	23.81	252	13620	0.475	ng	# 98
38) Dibenzo(a,h)anthracene	26.63	278	13083	0.453	ng	99
39) Benzo(g,h,i)perylene	27.43	276	13822	0.463	ng	98

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

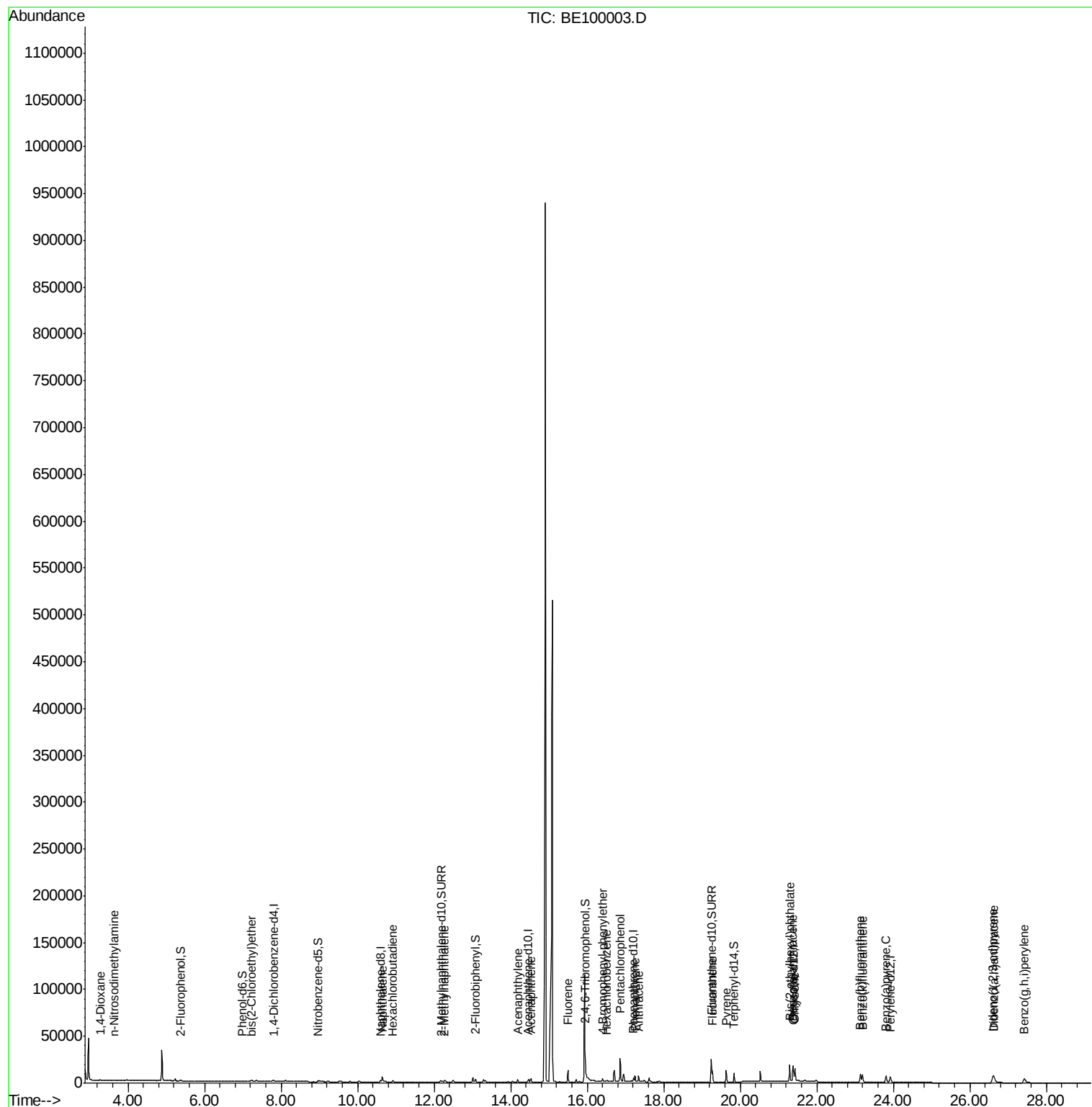
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061319\
Data File : BE100003.D
Acq On : 13 Jun 2019 23:13
Operator : JU/SJ
Sample : K3280-09MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

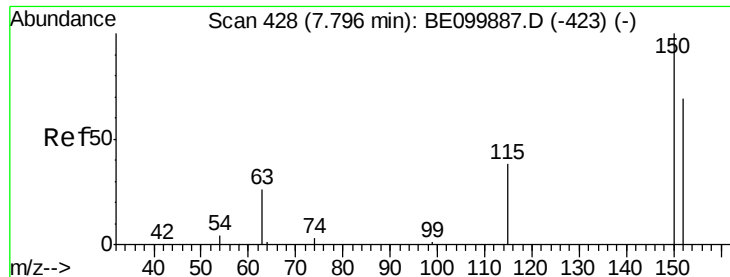
Instrument :
BNA_E
ClientSampleId :
BP-MH-SW4001-SOUTH-20190608M

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6/17/2019 10:06:22 AM

Quant Time: Jun 14 15:09:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE061019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

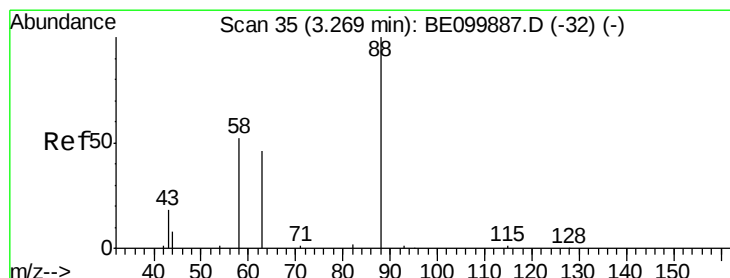
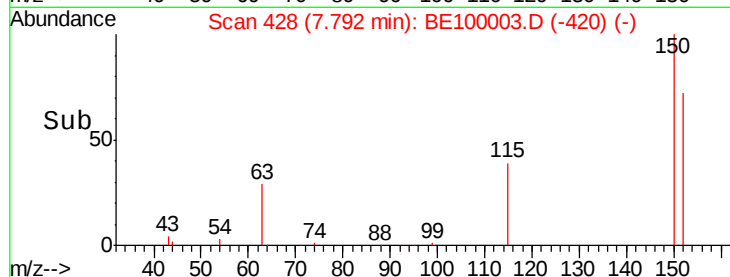
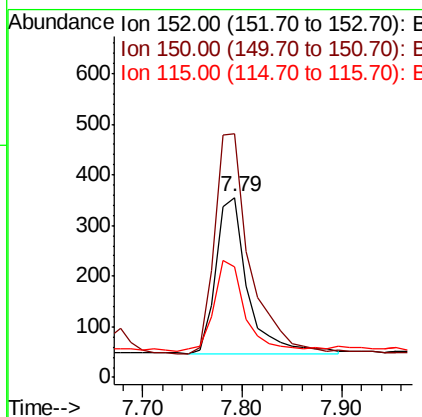
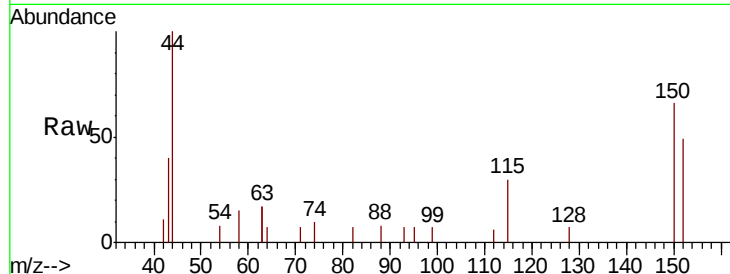
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. -0.00 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	135.5	111.0	166.6
115	61.7	50.7	76.1

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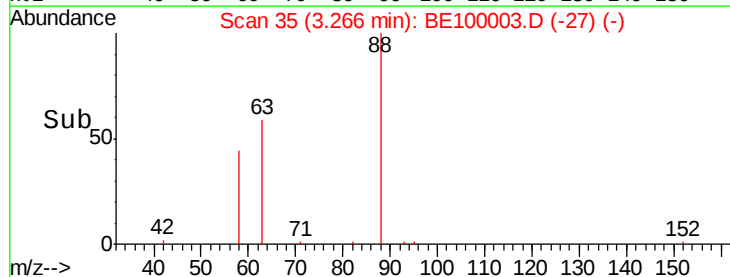
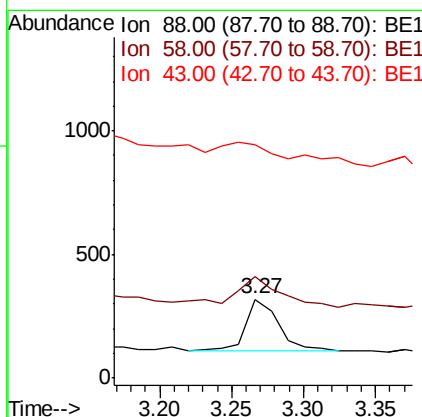
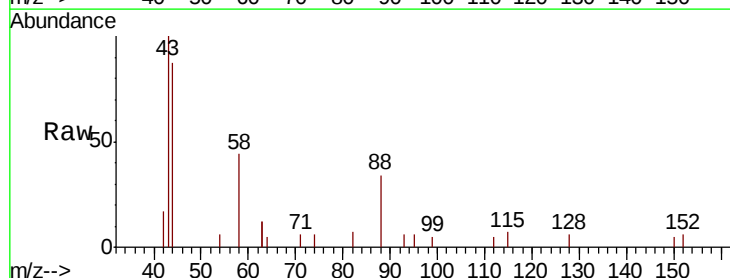
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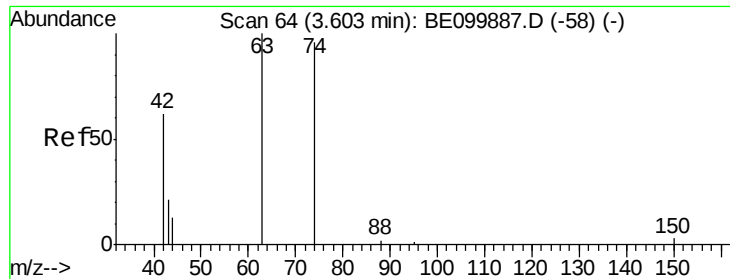


#2

1,4-Dioxane
Concen: 0.318 ng
RT: 3.27 min Scan# 35
Delta R.T. -0.00 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	48.8	73.2#
43	47.5	19.0	28.6#





#3

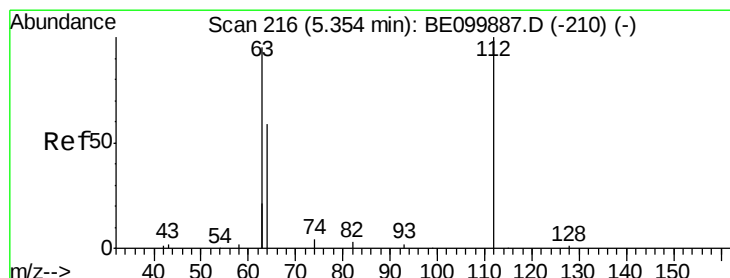
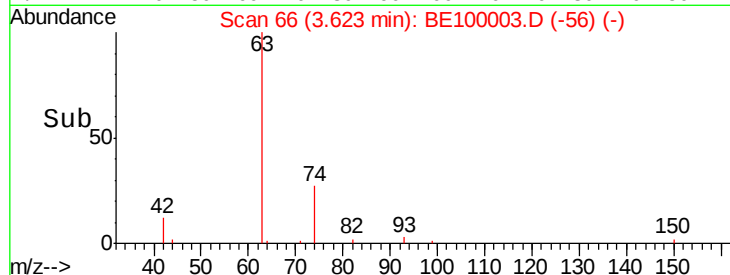
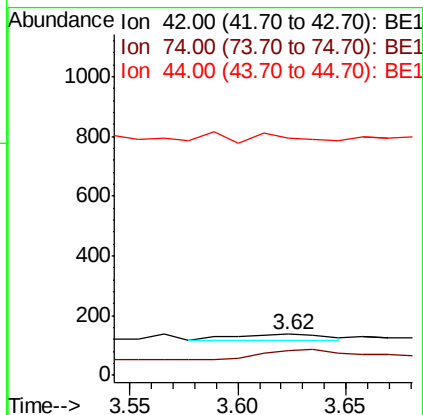
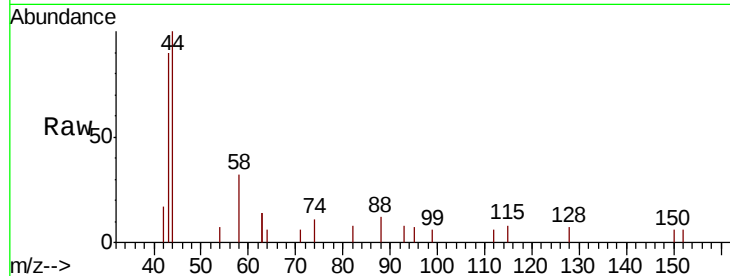
n-Nitrosodimethylamine
Concen: 0.104 ng
RT: 3.62 min Scan# 66
Delta R.T. 0.02 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	86.9	0.0	0.0#

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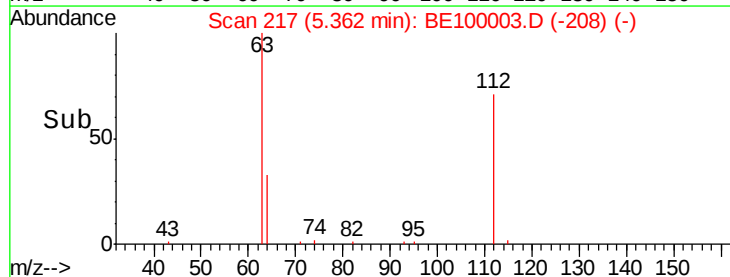
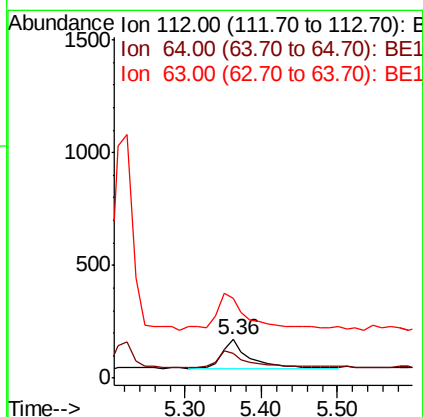
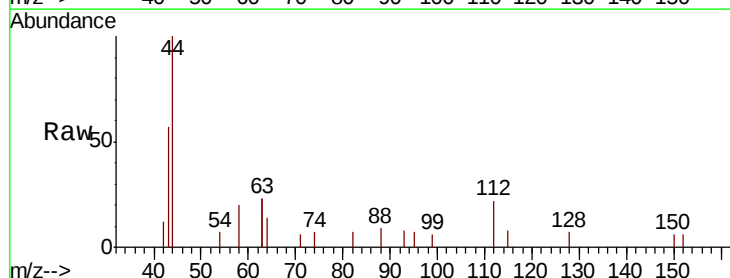
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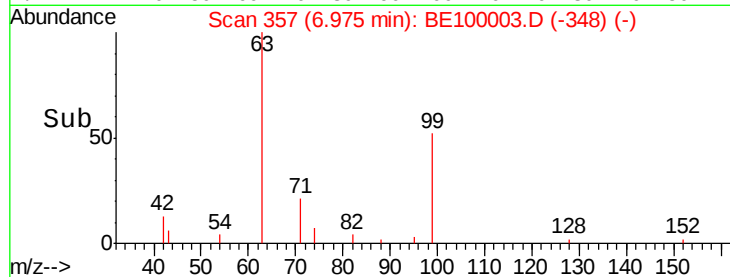
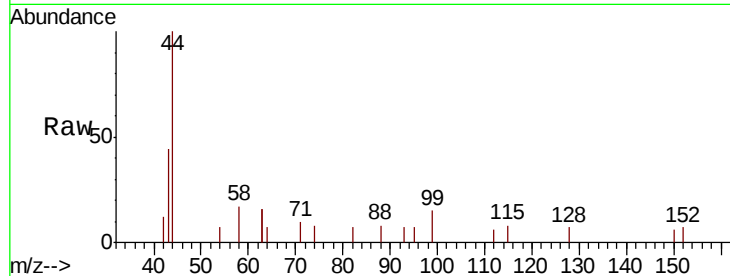
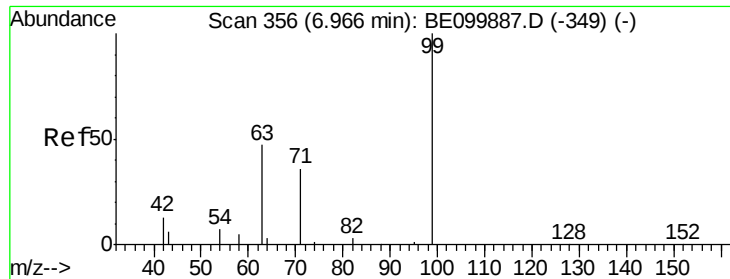


#4

2-Fluorophenol
Concen: 0.172 ng
RT: 5.36 min Scan# 217
Delta R.T. 0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.2	44.1	66.1
63	152.0	87.8	131.6#





#5

Phenol-d6

Concen: 0.116 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Tot Ion:	99	Resp:	277
Ion	Ratio	Lower	Upper
99	100		
42	0.0	15.9	23.9#
71	46.6	34.6	52.0

Instrument :

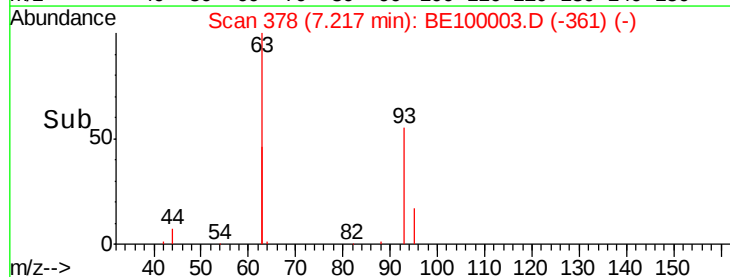
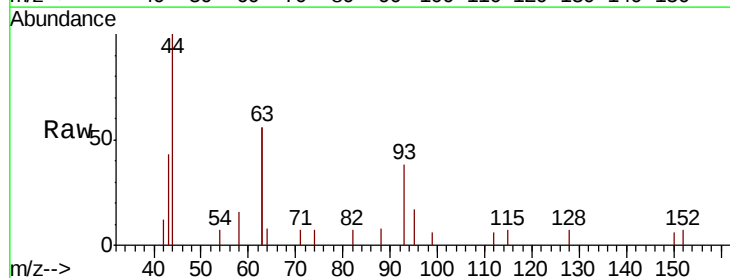
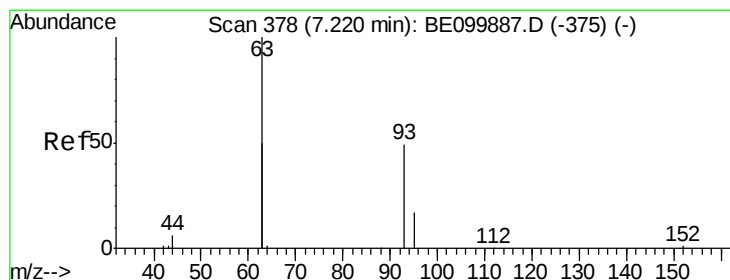
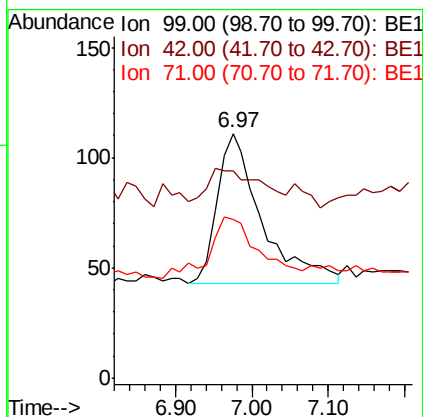
BNA_E

ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

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#6

bis(2-Chloroethyl)ether

Concen: 0.413 ng

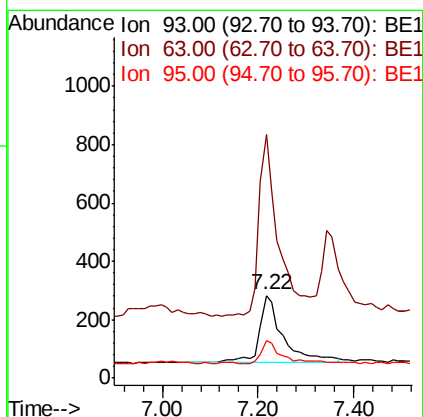
RT: 7.22 min Scan# 378

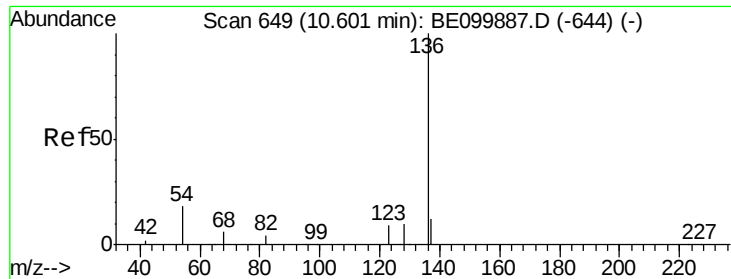
Delta R.T. -0.00 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Tgt Ion:	93	Resp:	809
Ion	Ratio	Lower	Upper
93	100		
63	214.7	202.8	304.2
95	28.3	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: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

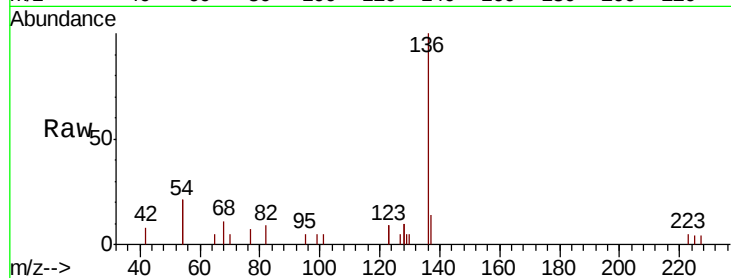
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

Tot Ion	Ratio	Lower	Upper
136	100		
137	14.3	12.3	18.5
54	42.2	28.2	42.4
68	11.2	7.8	11.8

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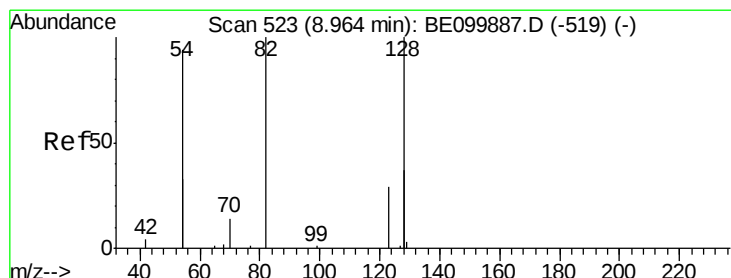
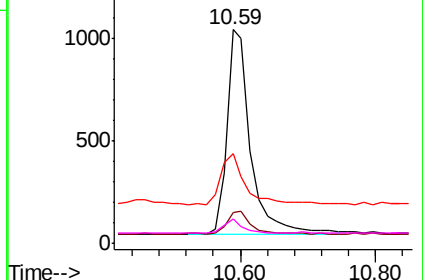
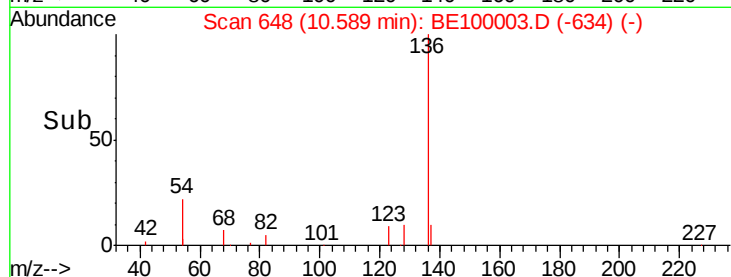


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE1

Ion 68.00 (67.70 to 68.70): BE1



#8

Nitrobenzene-d5

Concen: 0.399 ng

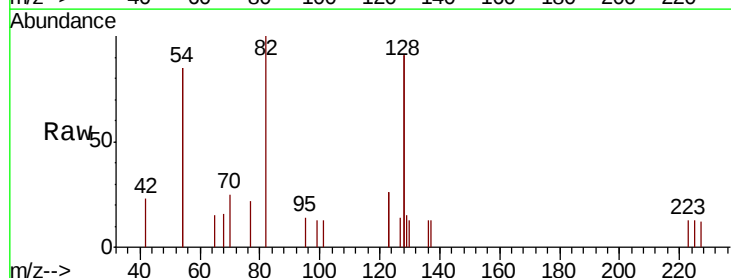
RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

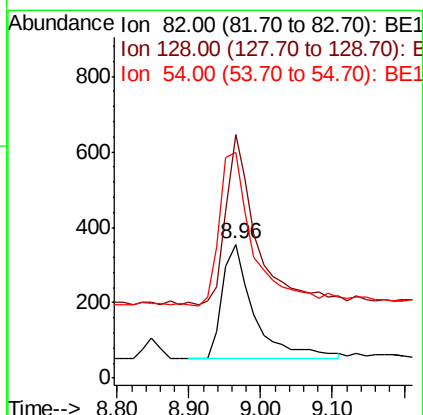
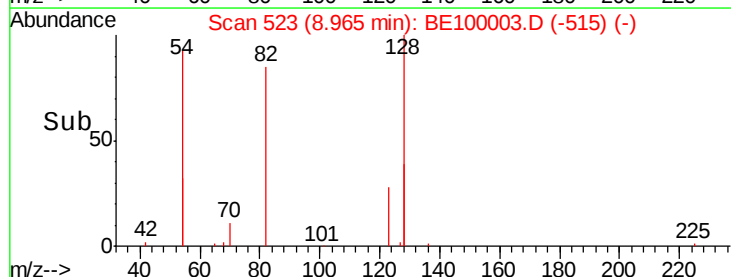
Tgt Ion	Ratio	Lower	Upper
82	100		
128	182.0	137.3	205.9
54	169.0	129.7	194.5

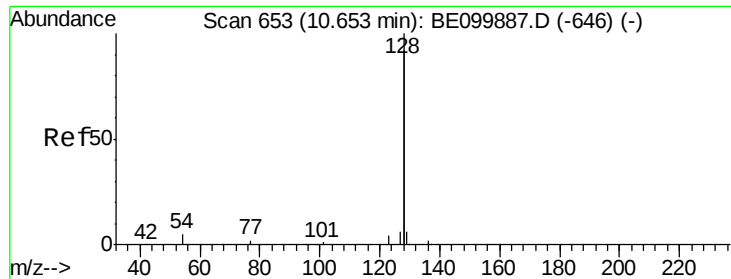


Abundance Ion 82.00 (81.70 to 82.70): BE1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BE1





#9

Naphthalene

Concen: 0.415 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

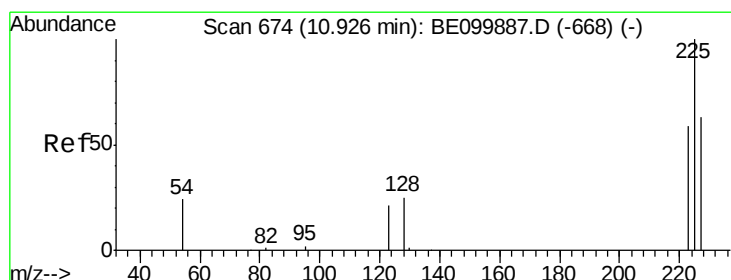
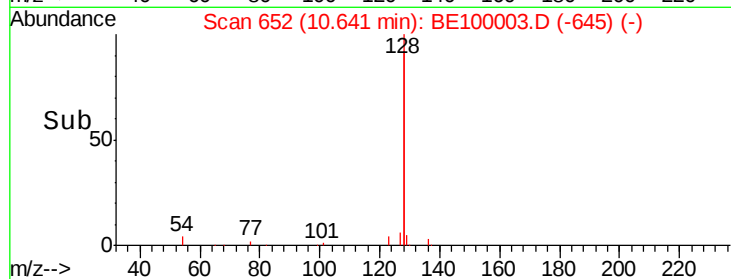
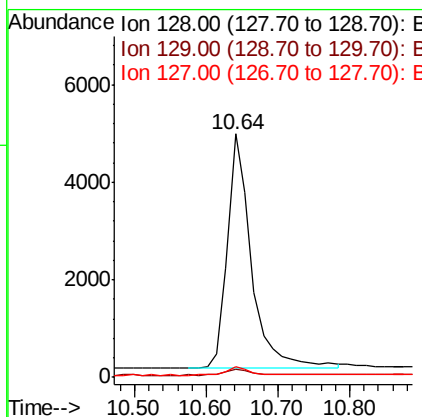
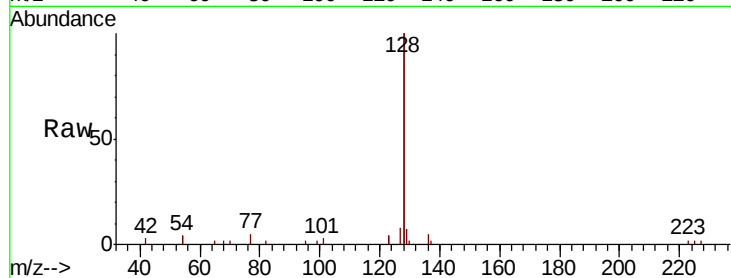
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

Tot Ion	128	Resp	11030
Ion	Ratio	Lower	Upper
128	100		
129	3.4	3.0	4.6
127	4.1	3.4	5.0

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#10

Hexachlorobutadiene

Concen: 0.413 ng

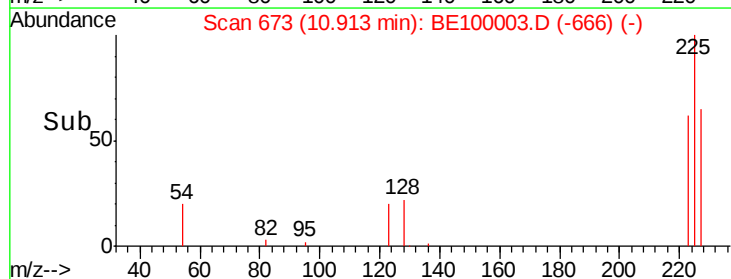
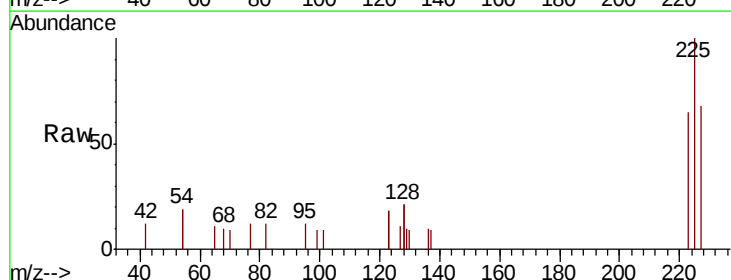
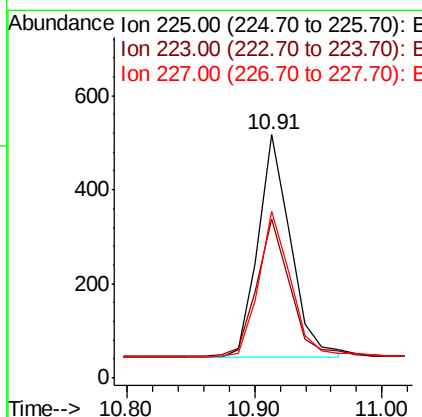
RT: 10.91 min Scan# 673

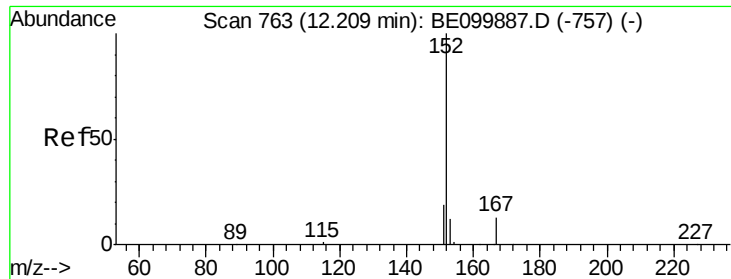
Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Tgt Ion	225	Resp	838
Ion	Ratio	Lower	Upper
225	100		
223	62.6	51.6	77.4
227	64.3	50.6	76.0





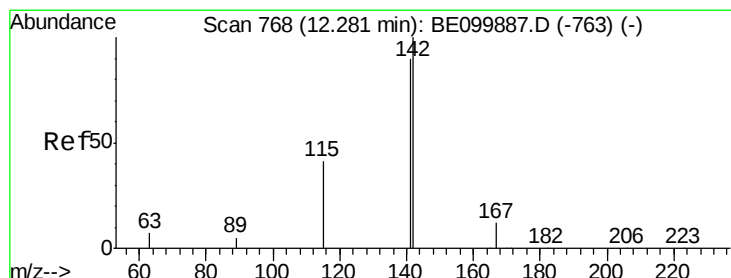
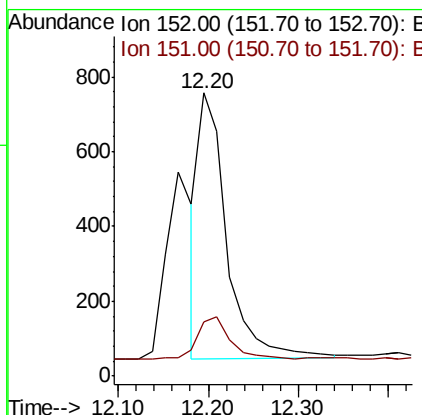
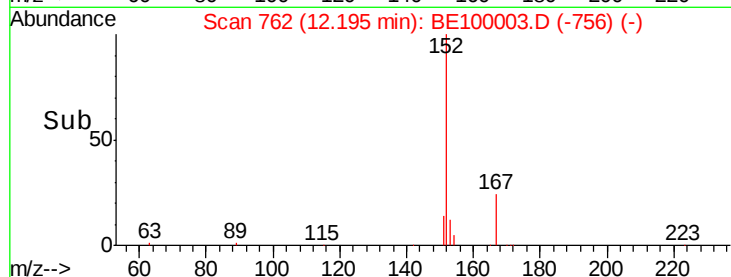
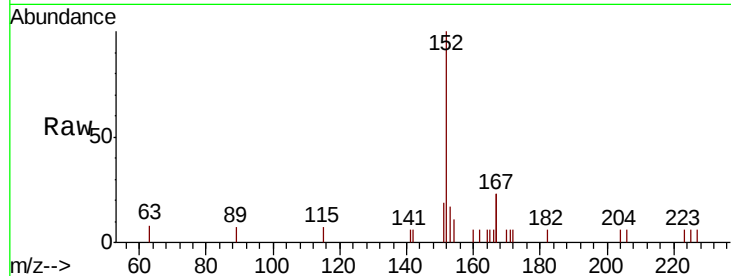
#11
2-Methylnaphthalene-d10
Concen: 0.361 ng m
RT: 12.20 min Scan# 762
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.2	22.8#

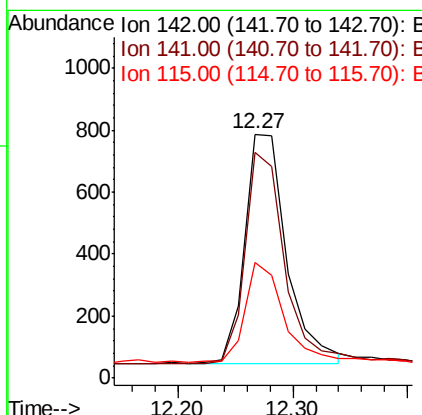
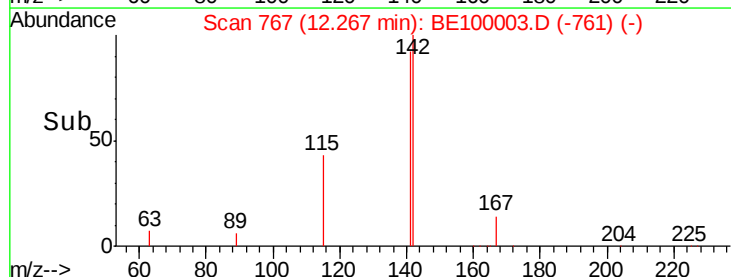
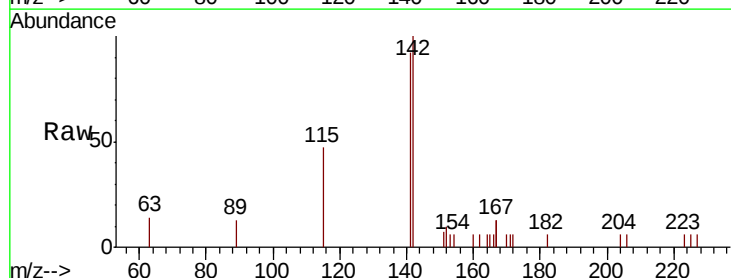
Manual Integrations
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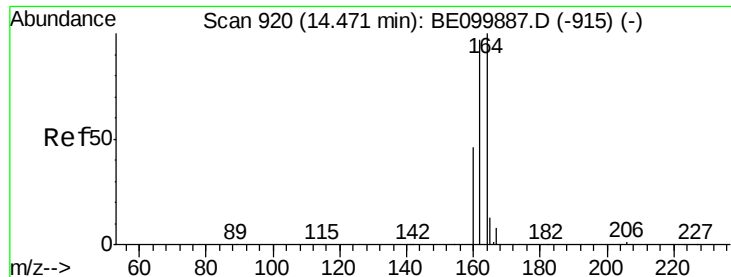
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#12
2-Methylnaphthalene
Concen: 0.432 ng
RT: 12.27 min Scan# 767
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.3	108.5
115	47.2	36.4	54.6





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.46 min Scan# 919

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

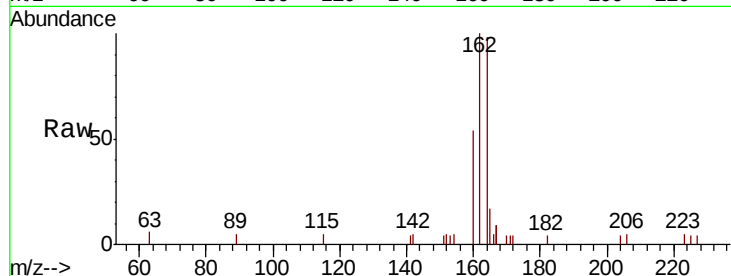
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

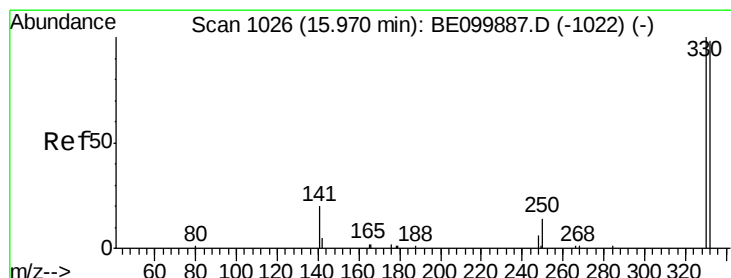
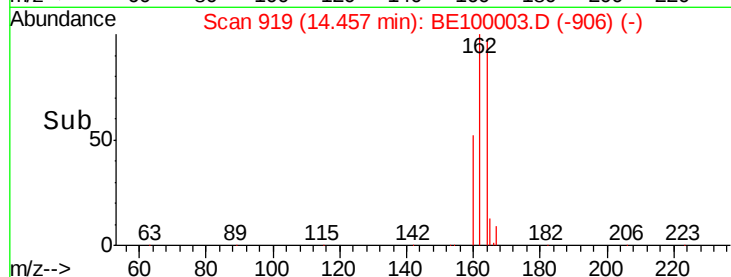
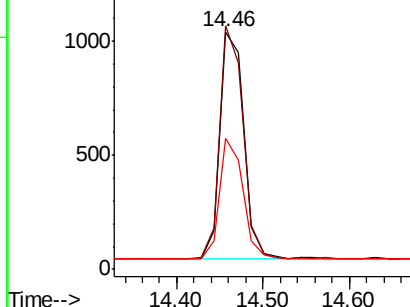
Tot Ion:	164	Resp:	1904
Ion	Ratio	Lower	Upper
164	100		
162	102.5	77.8	116.8
160	55.0	38.2	57.4

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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: 0.521 ng

RT: 15.96 min Scan# 1025

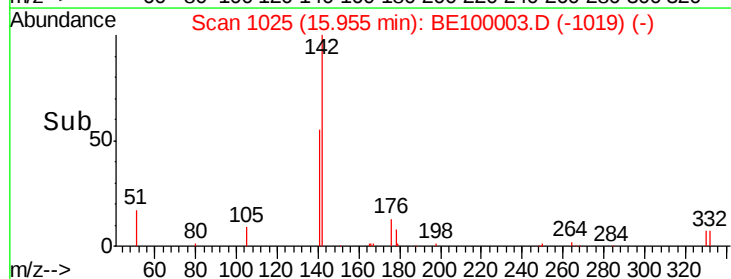
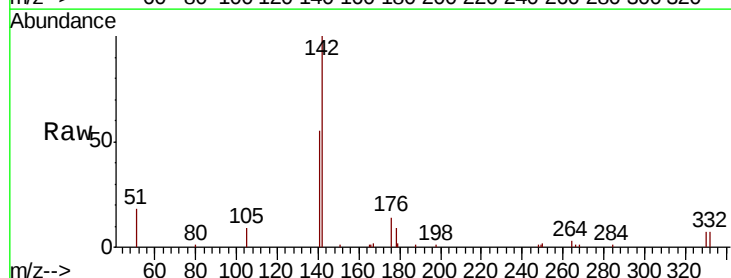
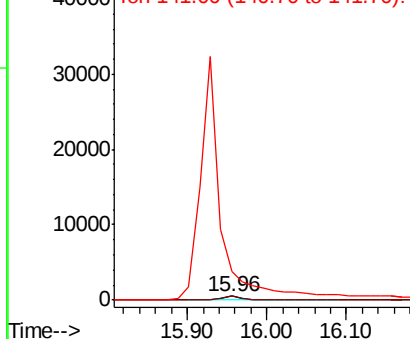
Delta R.T. -0.01 min

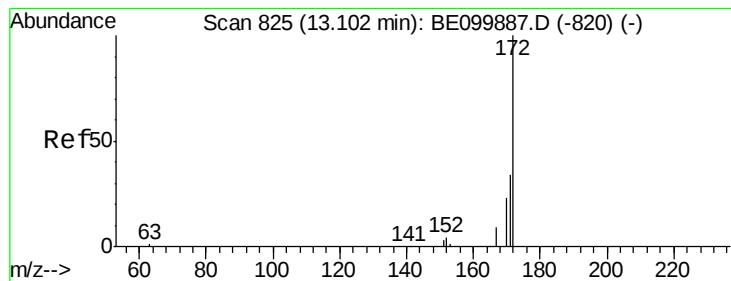
Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Tgt Ion:	330	Resp:	733
Ion	Ratio	Lower	Upper
330	100		
332	95.2	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





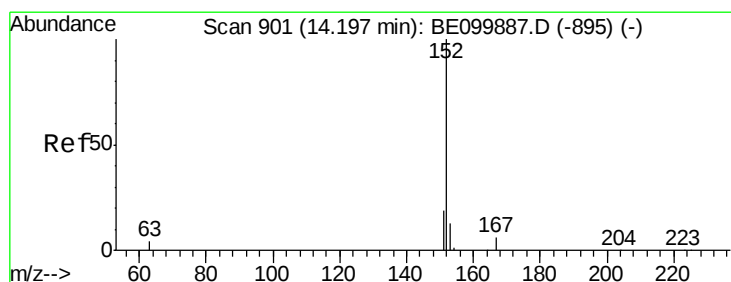
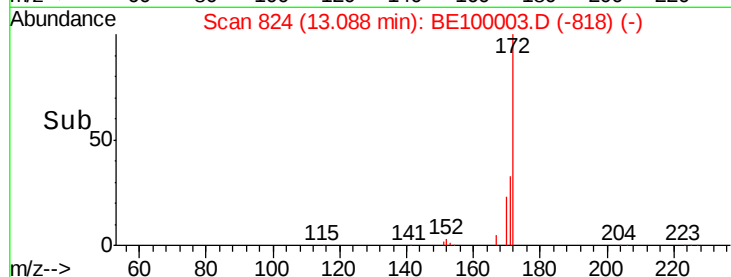
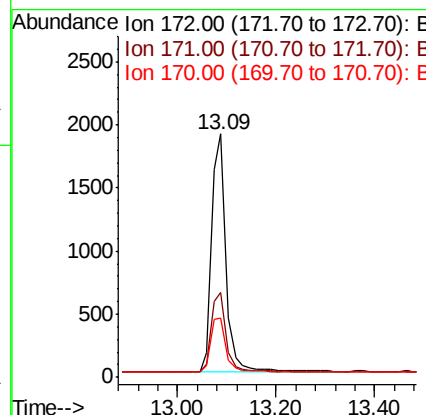
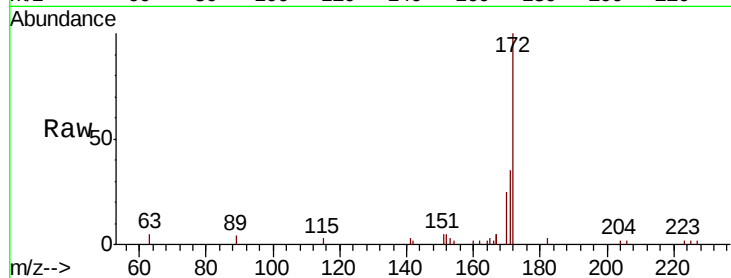
#15
2-Fluorobiphenyl
Concen: 0.526 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
172	100		
171	34.9	29.2	43.8
170	24.5	21.2	31.8

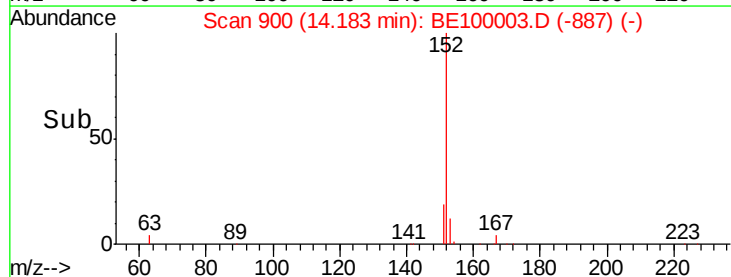
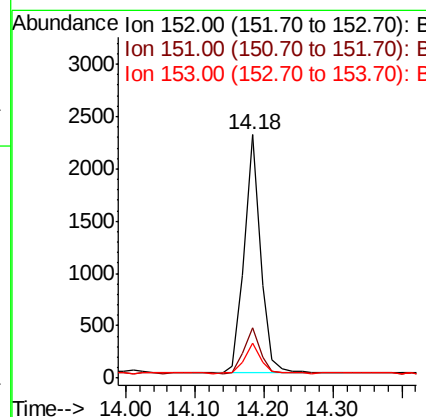
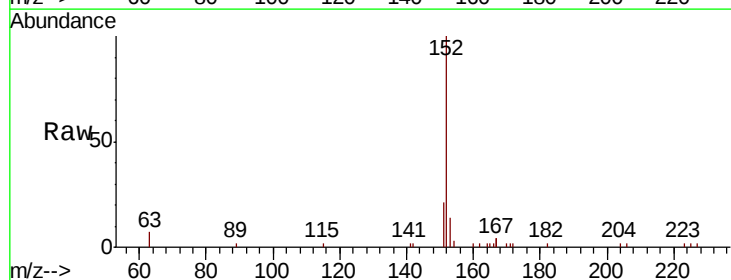
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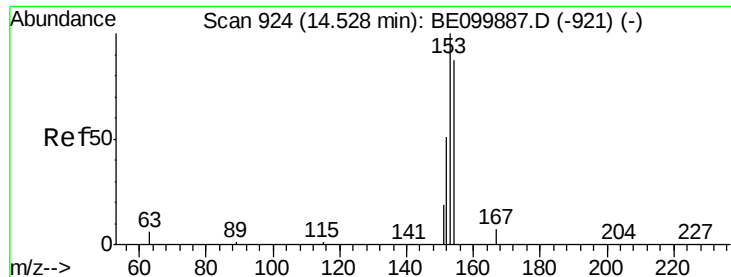
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#16
Acenaphthylene
Concen: 0.397 ng
RT: 14.18 min Scan# 900
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3
153	12.5	10.2	15.2





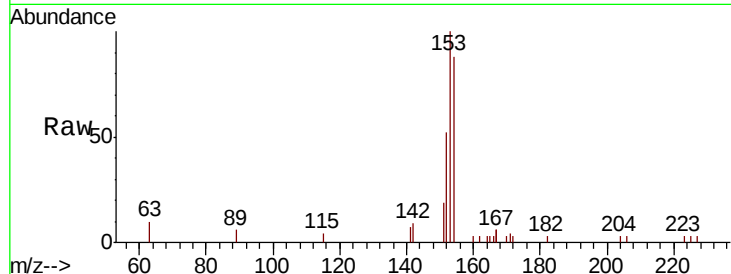
#17
Acenaphthene
Concen: 0.408 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
154	100		
153	116.0	93.1	139.7
152	58.9	47.0	70.4

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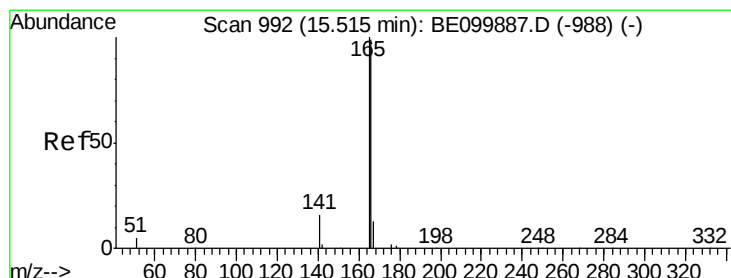
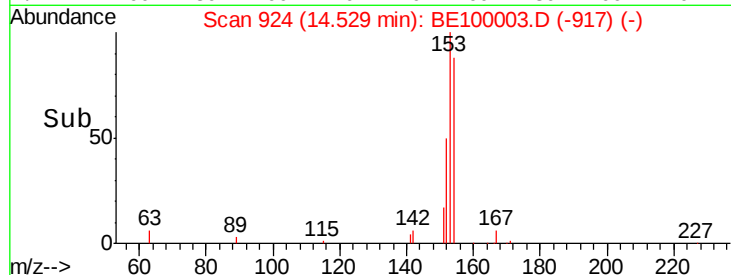
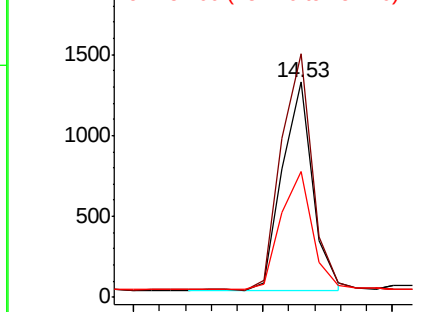


Abundance

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: 0.626 ng
RT: 15.50 min Scan# 991
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

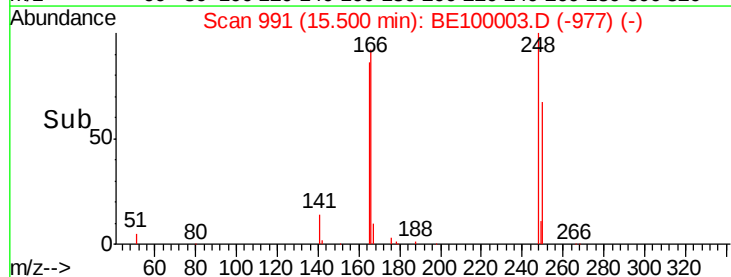
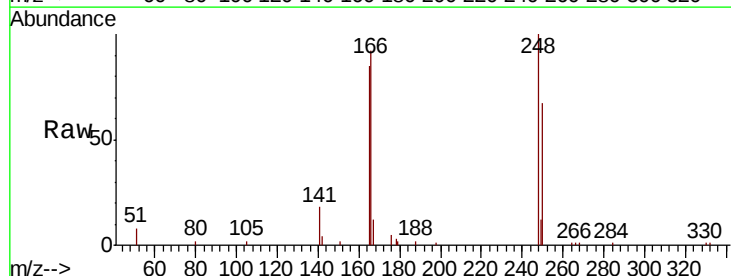
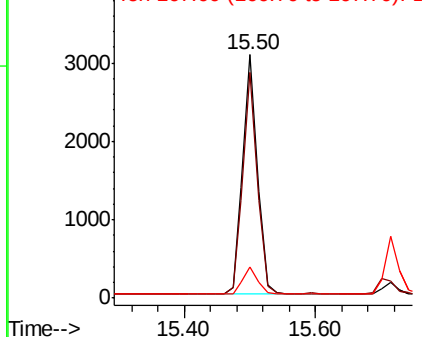
Tgt Ion	Ratio	Lower	Upper
166	100		
165	90.1	81.8	122.8
167	11.7	11.2	16.8

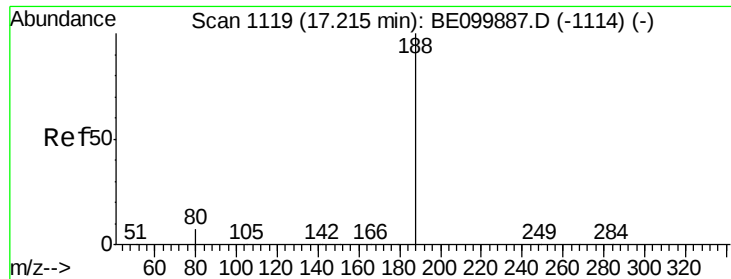
Abundance

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





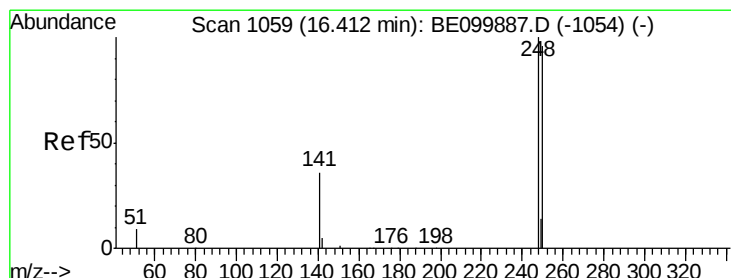
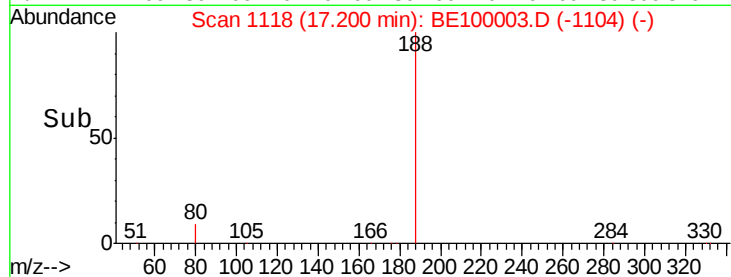
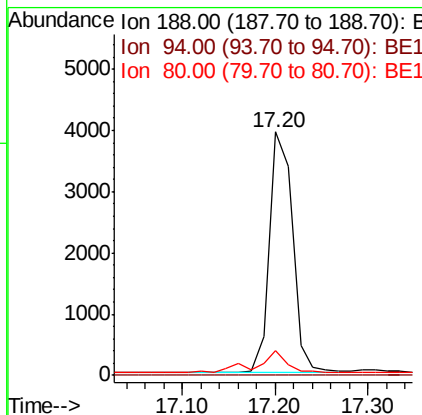
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

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

Tot Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	0.0	0.0	0.0
80	10.2	6.4	9.6

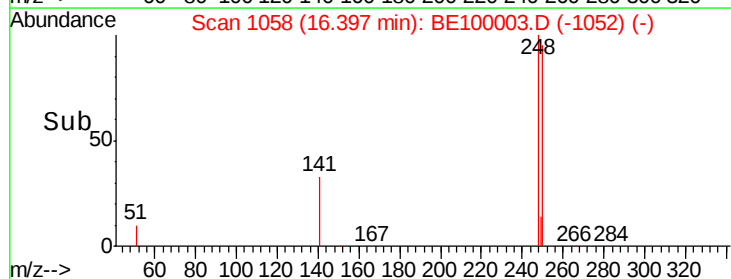
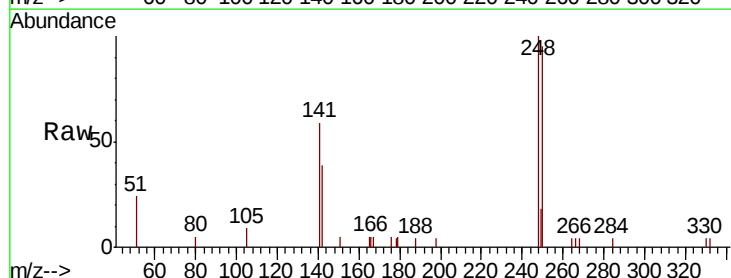
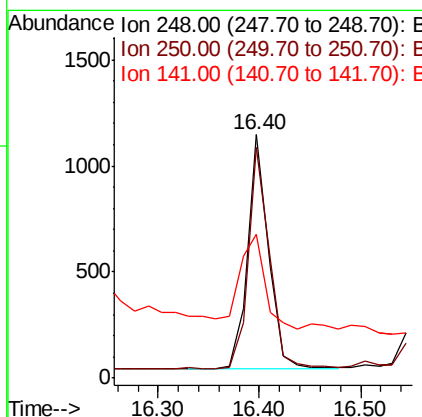
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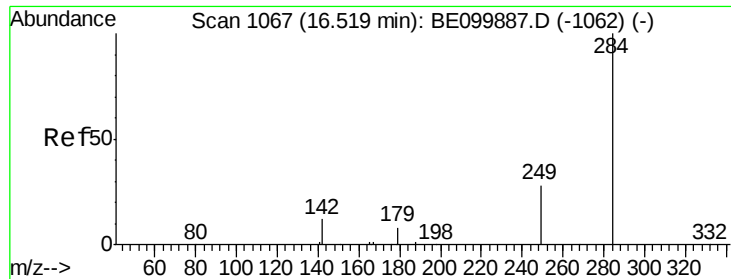
mohammad
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#20
4-Bromophenyl-phenylether
Concen: 0.410 ng
RT: 16.40 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

Tgt Ion	Ratio	Resp Lower	Resp Upper
248	100		
250	95.0	77.5	116.3
141	58.9	31.8	47.8





#21

Hexachlorobenzene

Concen: 0.392 ng

RT: 16.50 min Scan# 1066

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

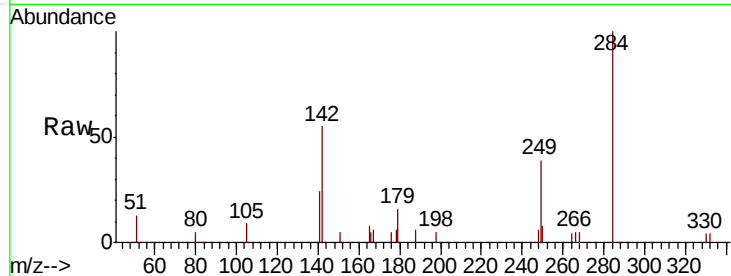
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

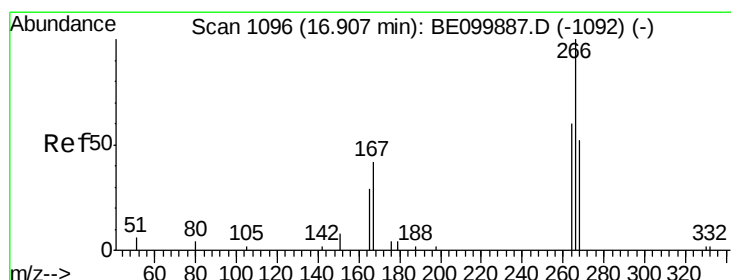
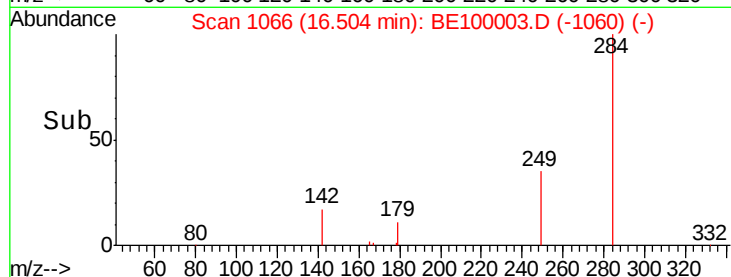
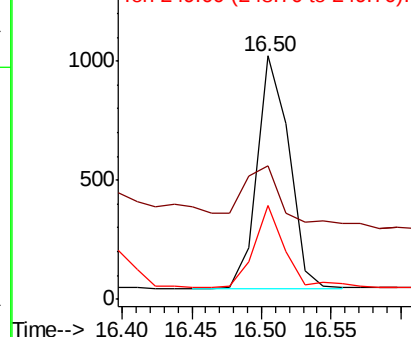
Tot Ion:	284	Resp:	1553
Ion Ratio	Lower	Upper	
284	100		
142	26.5	18.2	27.4
249	33.7	24.6	37.0

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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: 7.851 ng

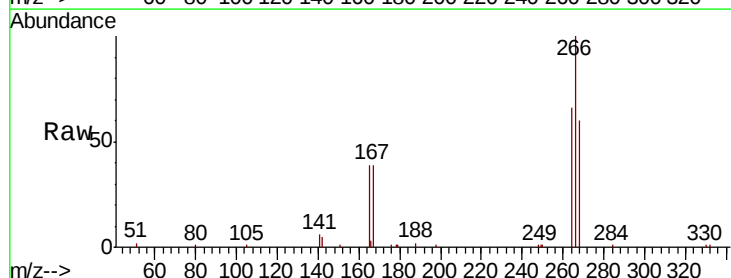
RT: 16.85 min Scan# 1092

Delta R.T. -0.05 min

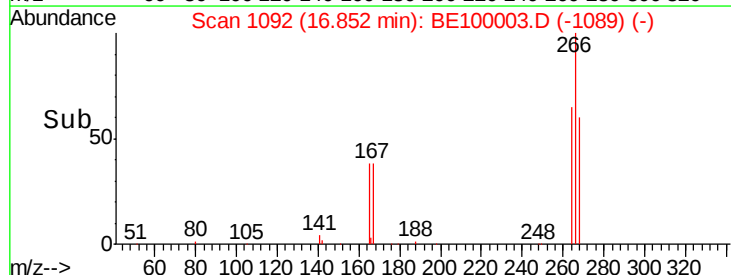
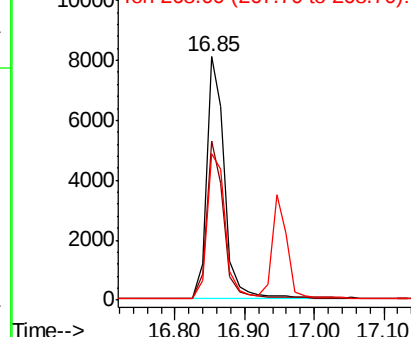
Lab File: BE100003.D

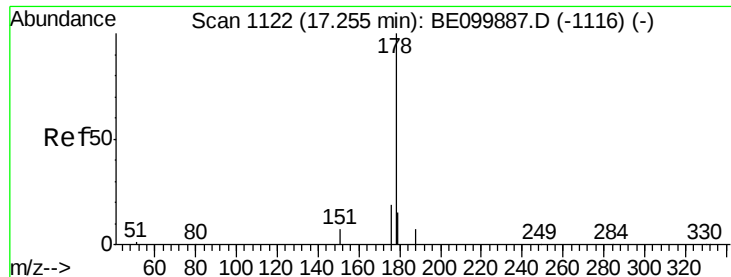
Acq: 13 Jun 2019 23:13

Tgt Ion:	266	Resp:	14394
Ion Ratio	Lower	Upper	
266	100		
264	65.6	62.2	93.2
268	60.1	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: 0.438 ng

RT: 17.24 min Scan# 1121

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

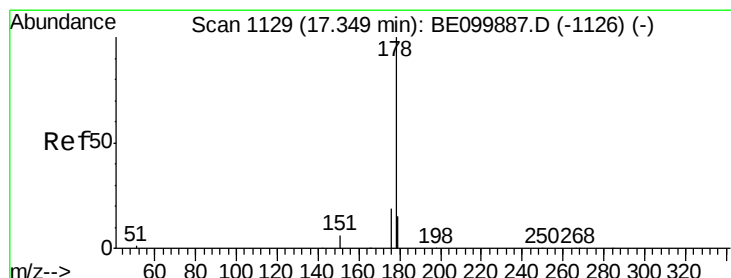
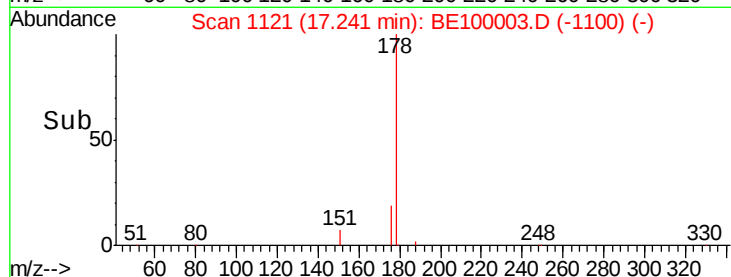
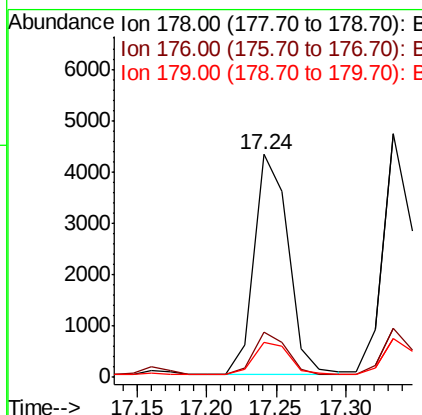
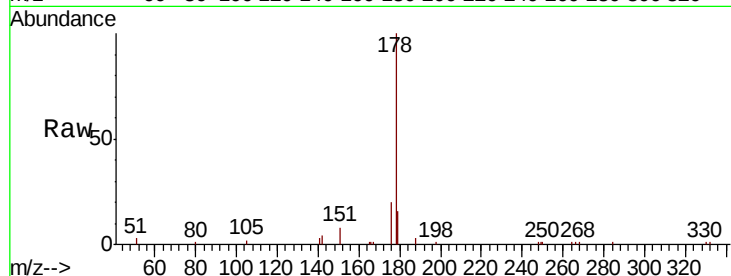
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

Tot Ion:178	Resp:	7270
Ion Ratio	Lower	Upper
178	100	
176	19.0	15.8 23.8
179	14.7	12.4 18.6

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#24

Anthracene

Concen: 0.464 ng

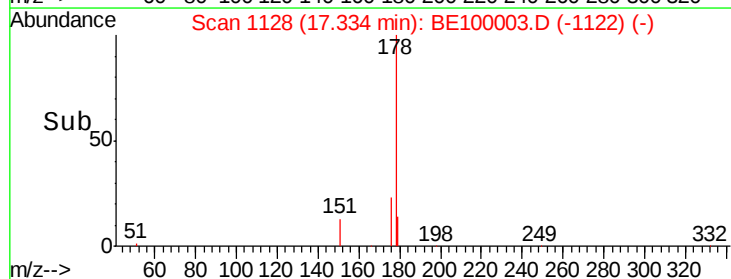
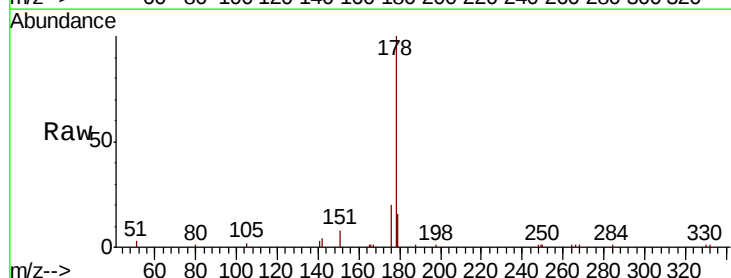
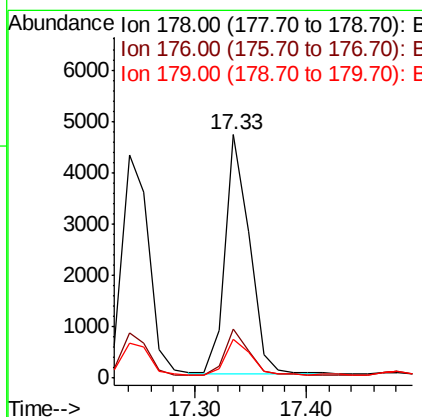
RT: 17.33 min Scan# 1128

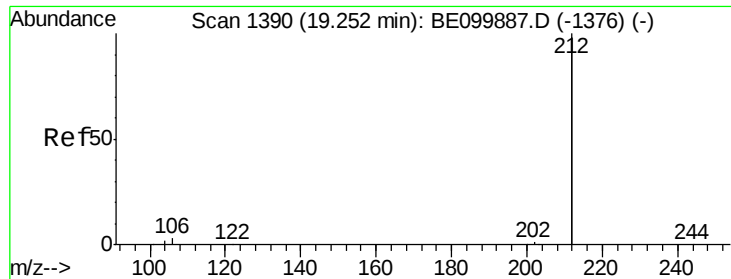
Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Tgt Ion:178	Resp:	7059
Ion Ratio	Lower	Upper
178	100	
176	18.9	14.6 22.0
179	14.9	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.338 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

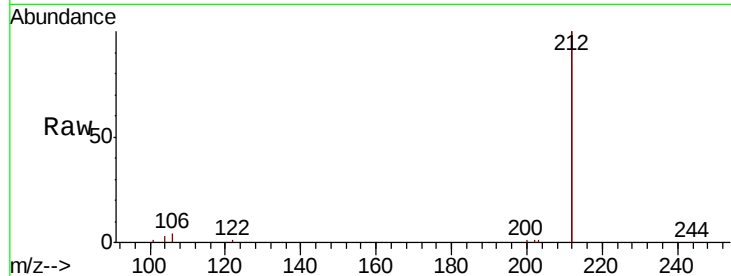
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

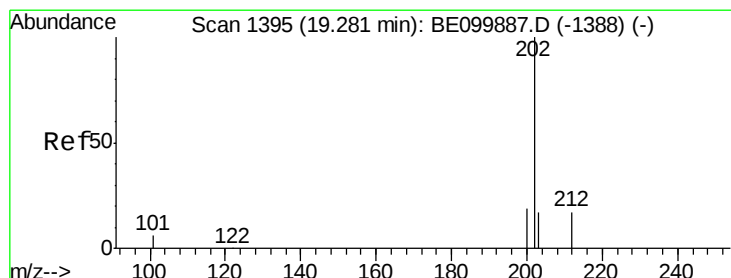
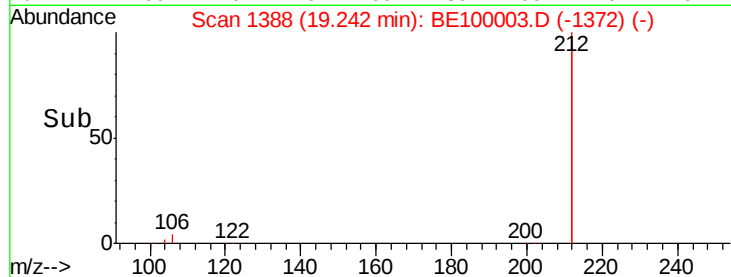
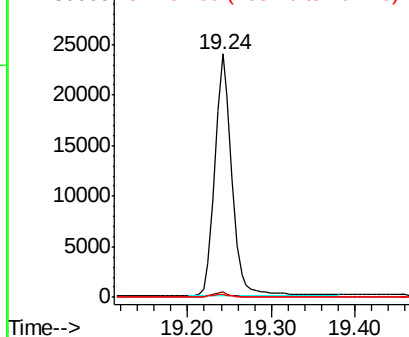
Tot Ion:	212	Resp:	33709
Ion Ratio	Lower	Upper	
212	100		
106	1.9	1.4	2.2
104	1.1	0.9	1.3

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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: 0.425 ng

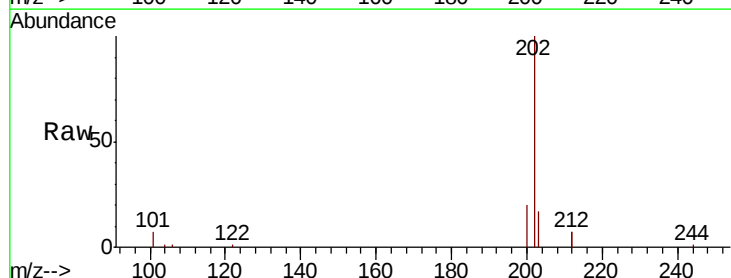
RT: 19.27 min Scan# 1393

Delta R.T. -0.01 min

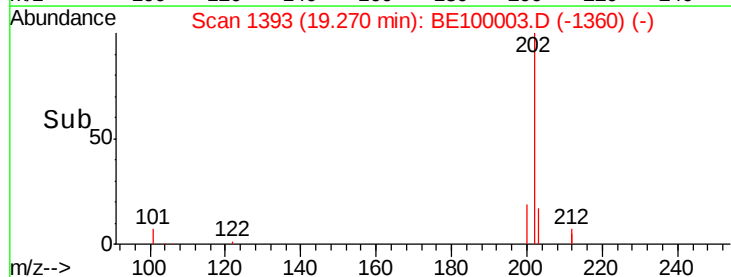
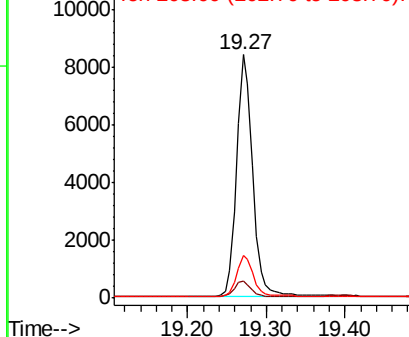
Lab File: BE100003.D

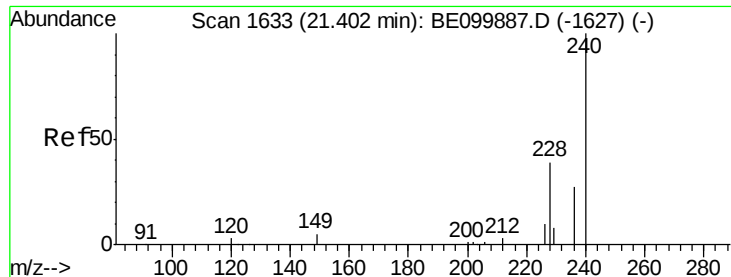
Acq: 13 Jun 2019 23:13

Tgt Ion:	202	Resp:	11985
Ion Ratio	Lower	Upper	
202	100		
101	6.7	5.4	8.0
203	17.0	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





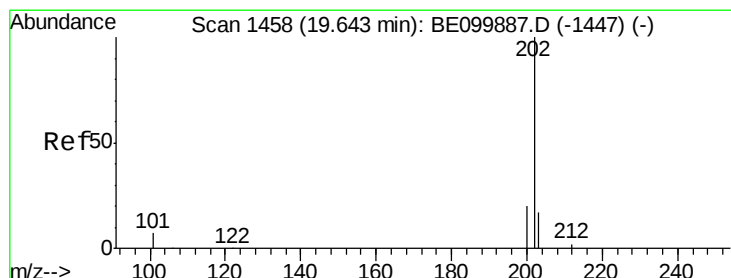
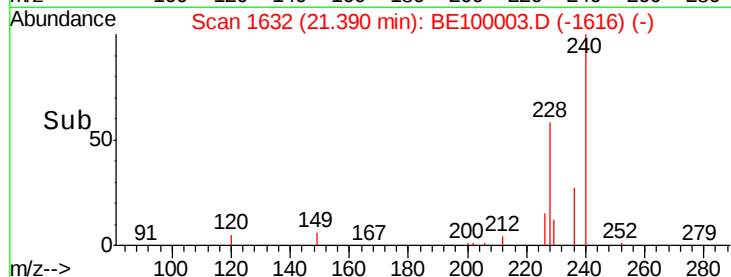
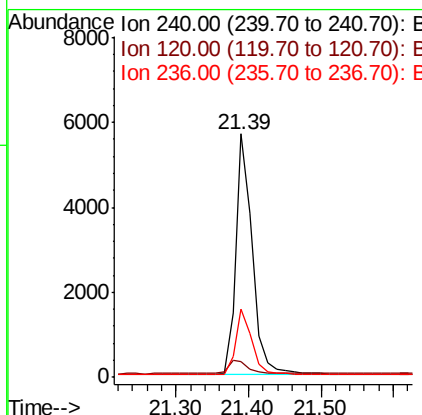
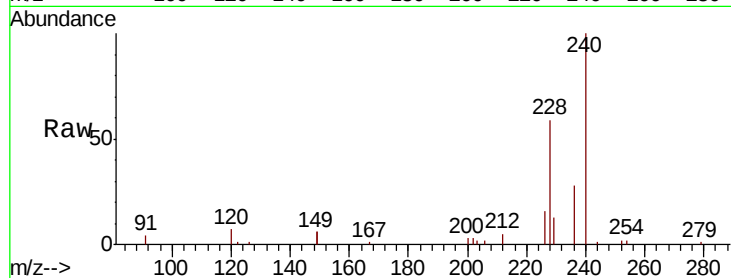
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
240	100		
120	6.7	3.8	5.6#
236	28.2	22.0	33.0

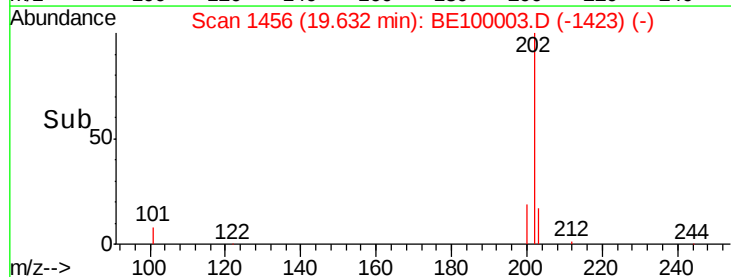
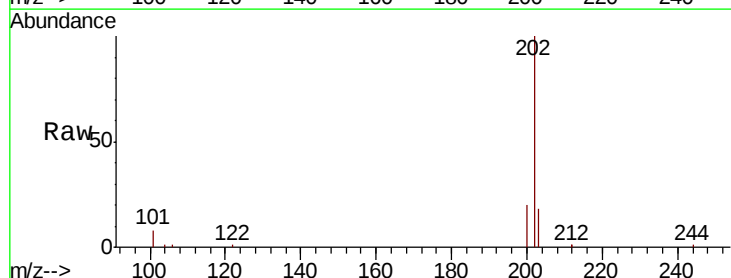
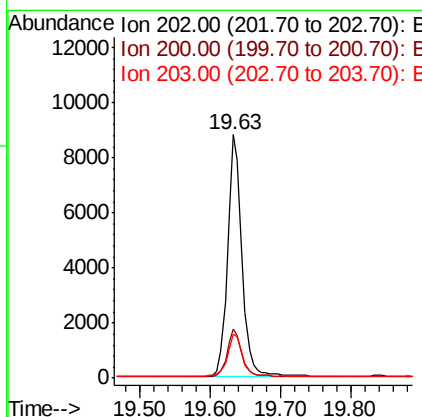
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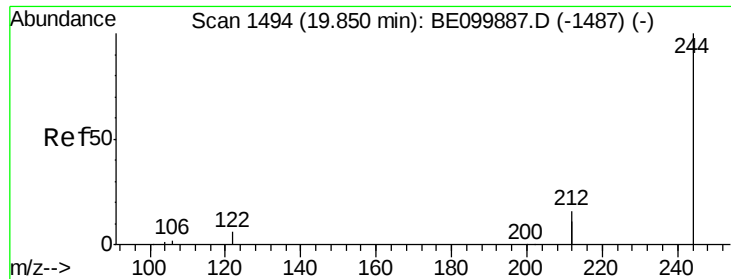
mohammad
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#28
Pyrene
Concen: 0.516 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

Tgt Ion	Ratio	Lower	Upper
202	100		
200	19.3	15.5	23.3
203	18.2	14.0	21.0





#29

Terphenyl-d14

Concen: 0.589 ng

RT: 19.84 min Scan# 1492

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

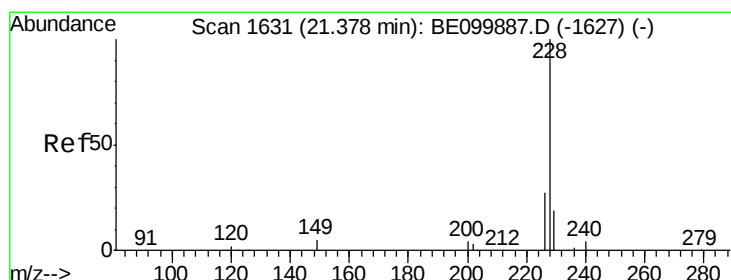
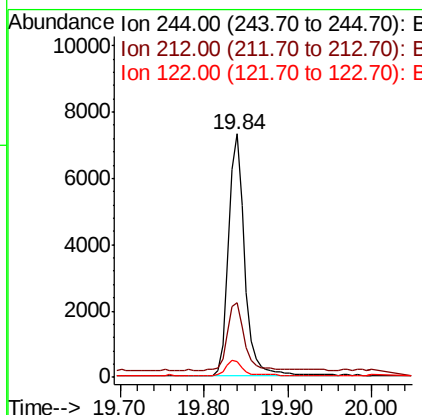
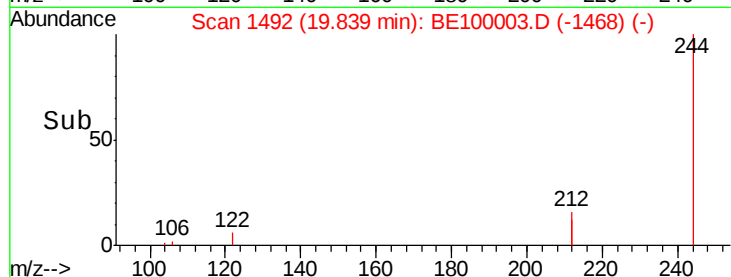
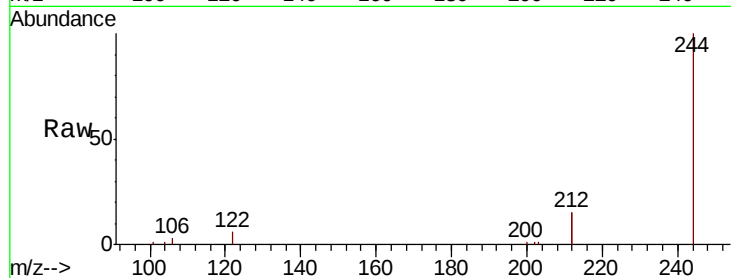
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

Tot Ion:	244	Resp:	9756
Ion Ratio	Lower	Upper	
244	100		
212	30.9	25.7	38.5
122	6.3	5.5	8.3

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#30

Benzo(a)anthracene

Concen: 0.504 ng

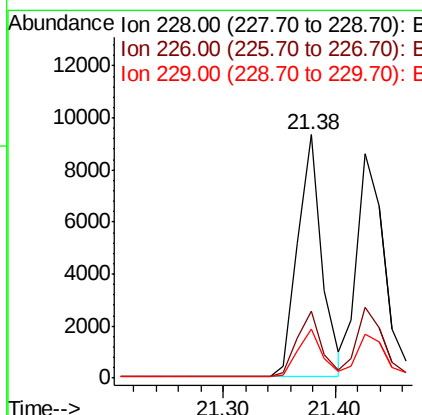
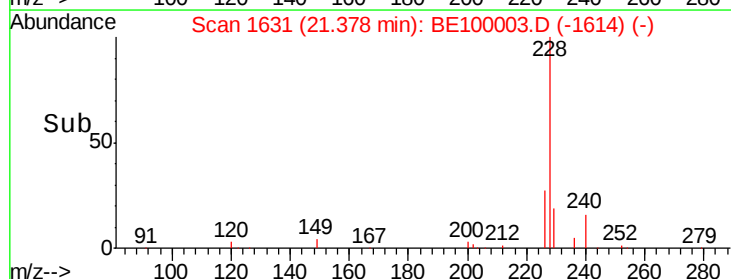
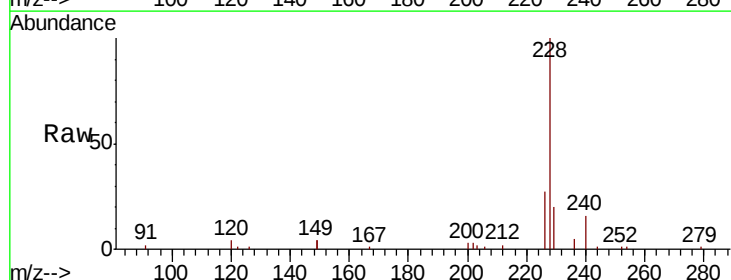
RT: 21.38 min Scan# 1631

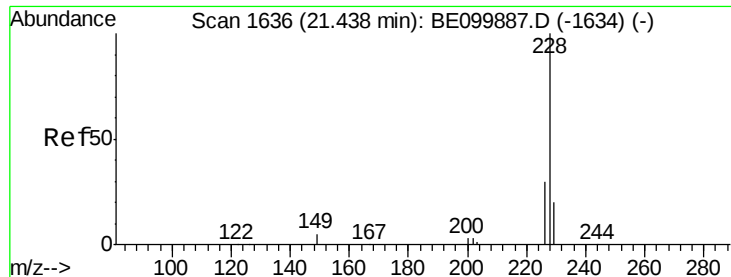
Delta R.T. 0.00 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Tgt Ion:	228	Resp:	13861
Ion Ratio	Lower	Upper	
228	100		
226	27.4	22.5	33.7
229	20.1	15.9	23.9





#31

Chrysene

Concen: 0.498 ng

RT: 21.43 min Scan# 1635

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

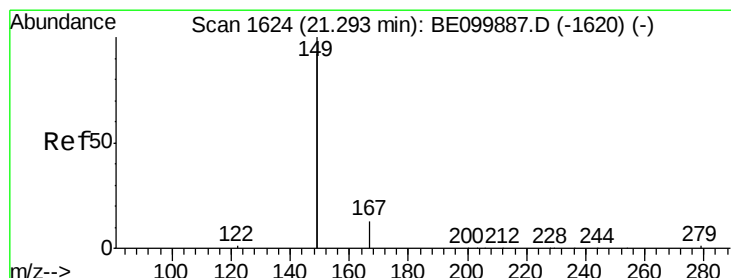
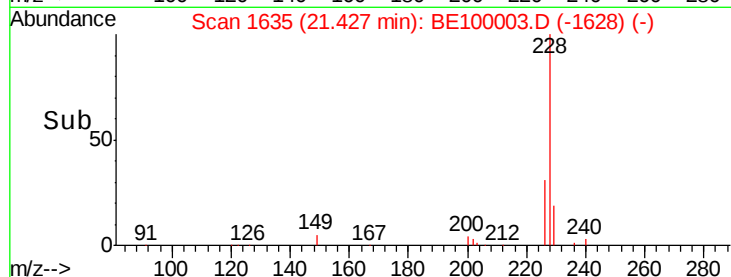
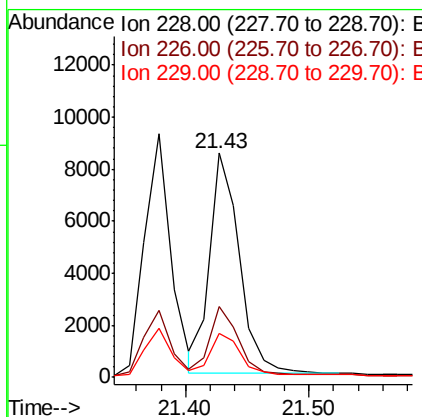
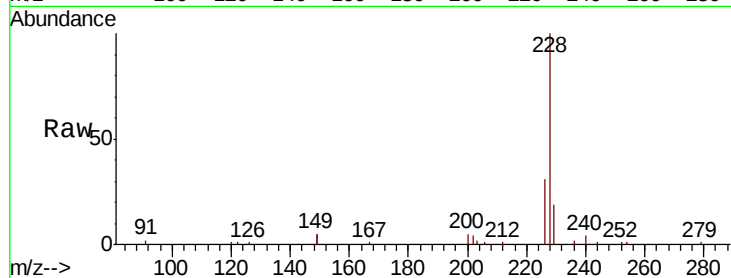
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

Tot Ion:228	Resp:	14170
Ion Ratio	Lower	Upper
228 100		
226 31.5	24.1	36.1
229 19.4	16.1	24.1

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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.488 ng

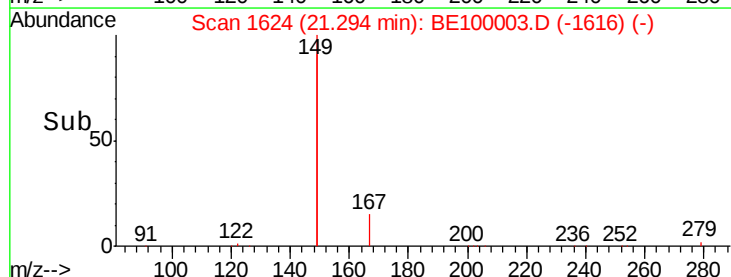
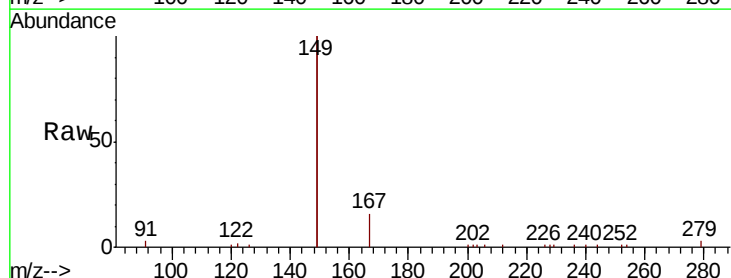
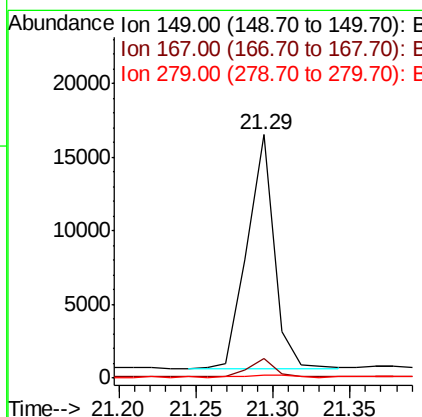
RT: 21.29 min Scan# 1624

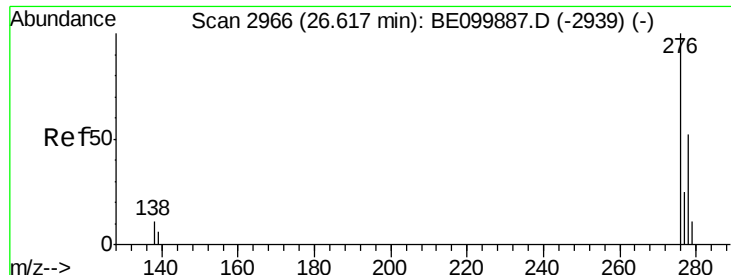
Delta R.T. 0.00 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Tgt Ion:149	Resp:	19272
Ion Ratio	Lower	Upper
149 100		
167 7.4	5.9	8.9
279 1.4	1.2	1.8





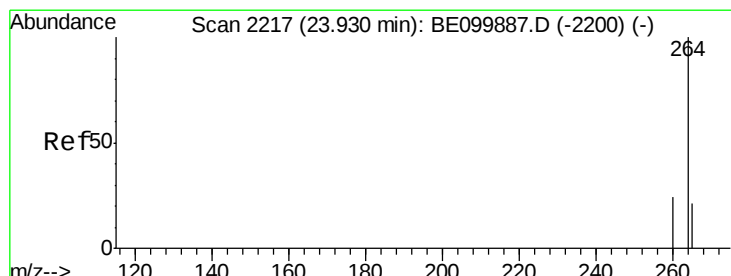
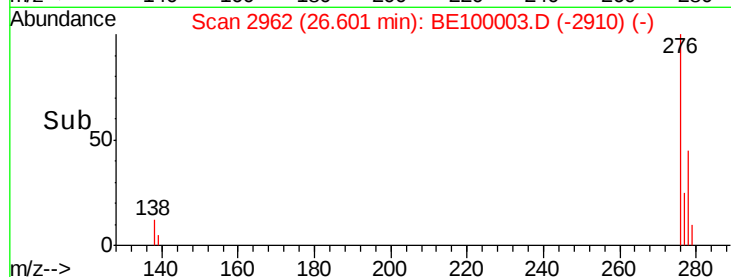
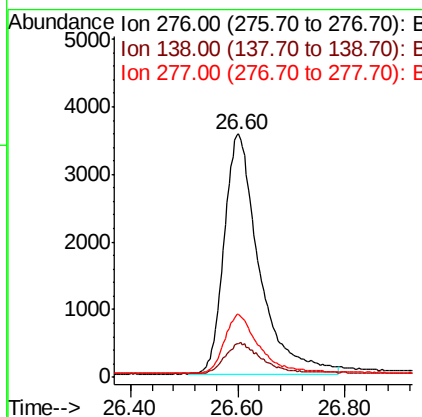
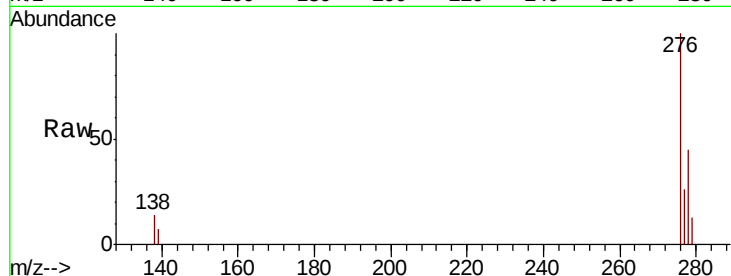
#33
 Indeno(1,2,3-cd)pyrene
 Concen: 0.476 ng
 RT: 26.60 min Scan# 2962
 Delta R.T. -0.02 min
 Lab File: BE100003.D
 Acq: 13 Jun 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.9	10.1	15.1
277	23.4	19.1	28.7

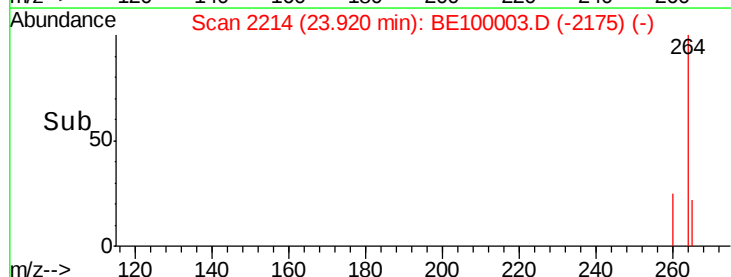
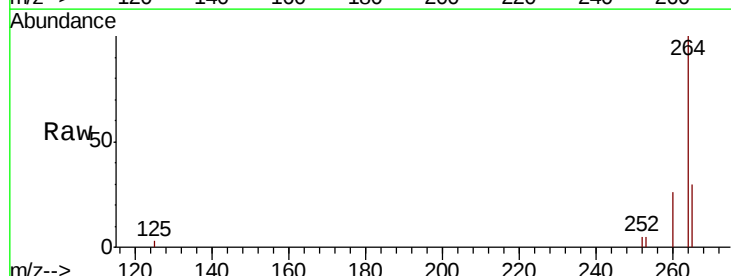
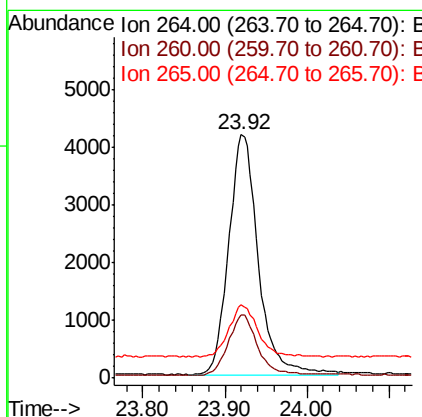
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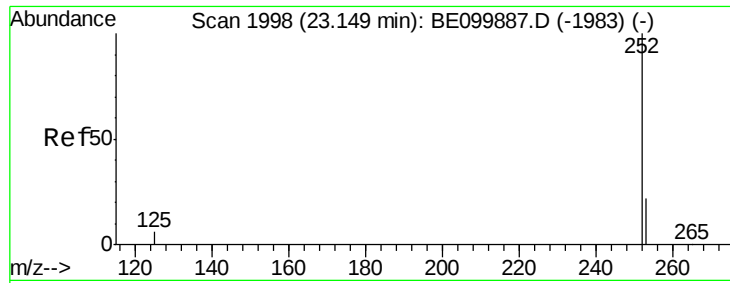
mohammad
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#34
 Perylene-d12
 Concen: 0.400 ng
 RT: 23.92 min Scan# 2214
 Delta R.T. -0.01 min
 Lab File: BE100003.D
 Acq: 13 Jun 2019 23:13

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.7	20.2	30.2
265	30.3	22.0	33.0





#35

Benzo(b)fluoranthene

Concen: 0.472 ng/mL

RT: 23.14 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

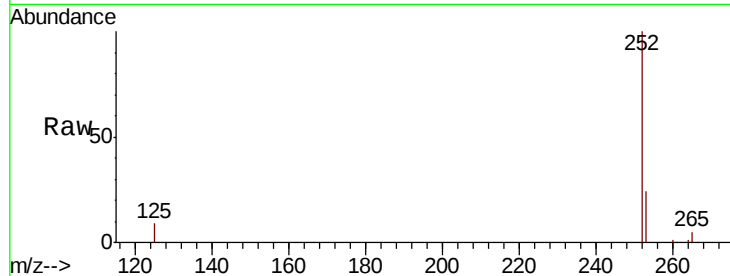
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.7	28.1
125	9.2	5.7	8.5

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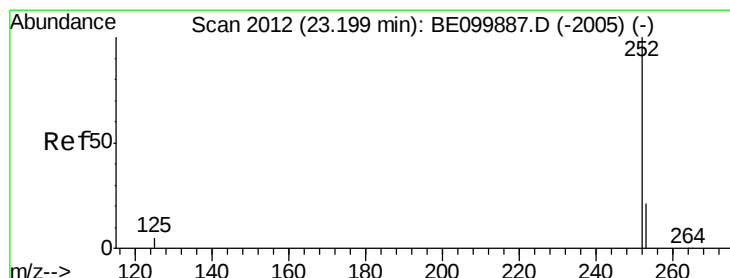
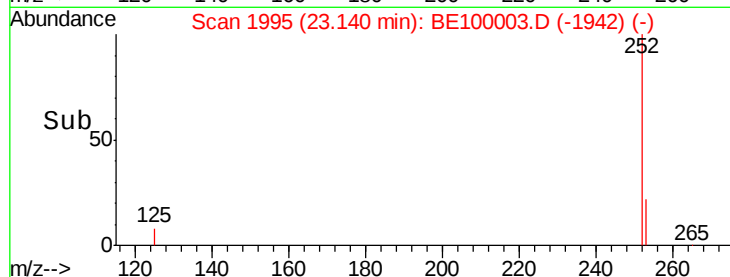
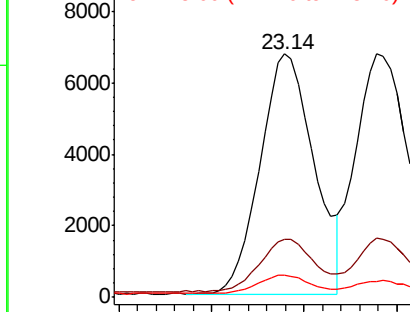


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#36

Benzo(k)fluoranthene

Concen: 0.469 ng/mL

RT: 23.19 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

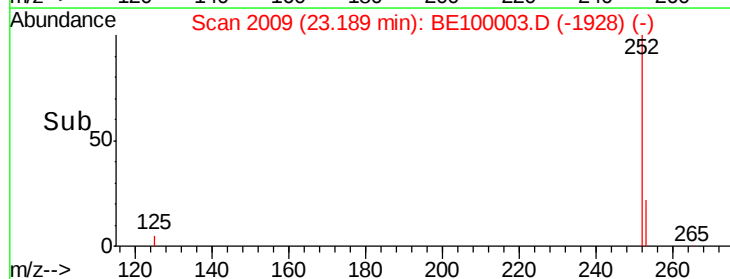
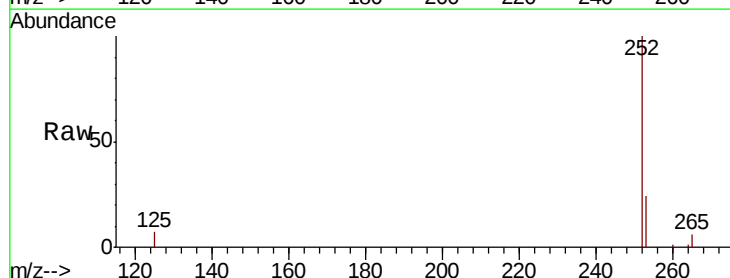
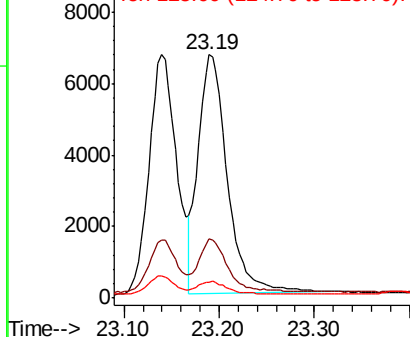
Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.6	28.0
125	6.7	5.4	8.0

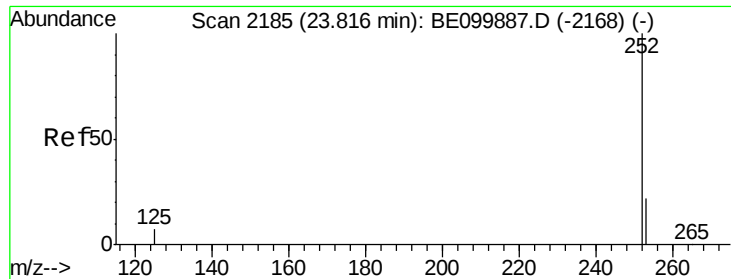
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





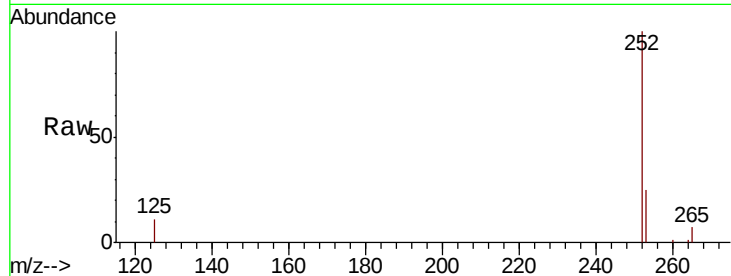
#37
Benzo(a)pyrene
Concen: 0.475 ng
RT: 23.81 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.6	29.4
125	10.9	6.6	10.0

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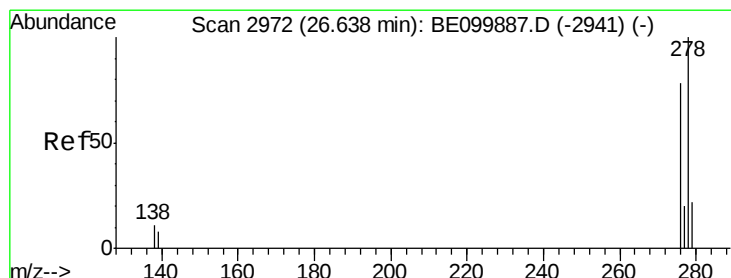
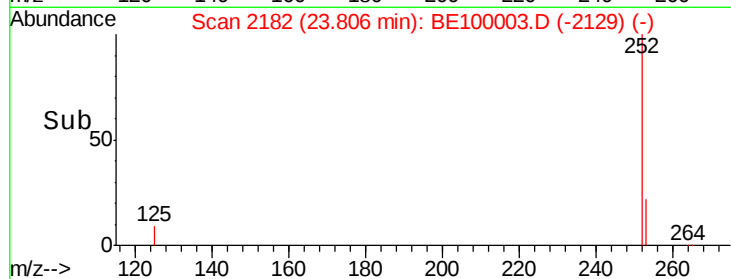
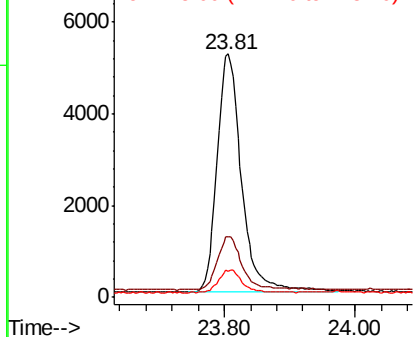


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#38
Dibenzo(a,h)anthracene
Concen: 0.453 ng
RT: 26.63 min Scan# 2969
Delta R.T. -0.01 min
Lab File: BE100003.D
Acq: 13 Jun 2019 23:13

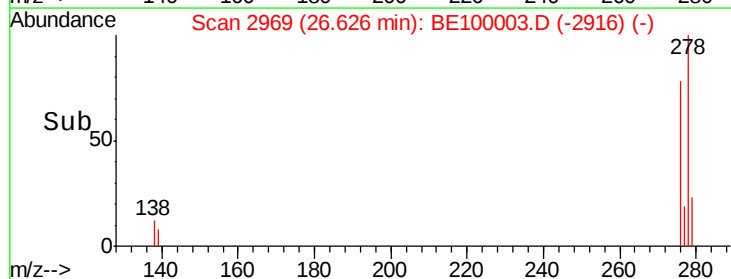
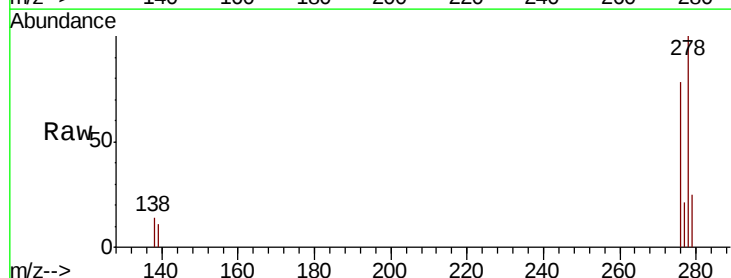
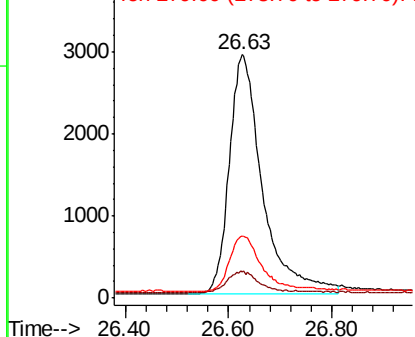
Tgt Ion	Ratio	Lower	Upper
278	100		
139	10.6	7.8	11.8
279	25.5	20.0	30.0

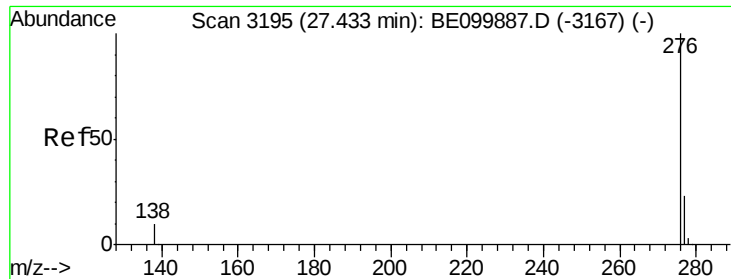
Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#39

Benzo(a,h,i)perylene

Concen: 0.463 ng

RT: 27.43 min Scan# 3193

Delta R.T. -0.01 min

Lab File: BE100003.D

Acq: 13 Jun 2019 23:13

Instrument :

BNA_E

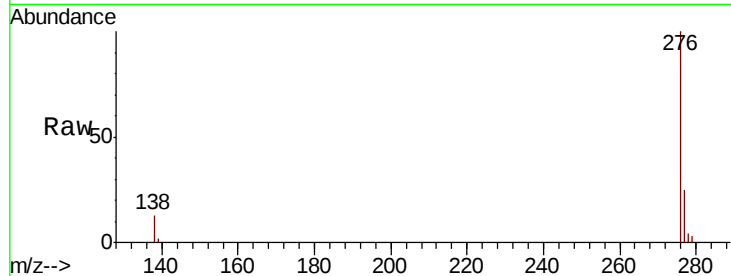
ClientSampleId :

BP-MH-SW4001-SOUTH-20190608M

Tot Ion:	276	Resp:	13822
Ion Ratio	Lower	Upper	
276	100		
277	25.4	19.5	29.3
138	12.9	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

