

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE061419\
 Data File : BE100020.D
 Acq On : 14 Jun 2019 13:17
 Operator : JU/SJ
 Sample : K3284-07MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20190609MSD

Manual Integrations
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 6/17/2019 4:51:29 PM

Quant Time: Jun 17 08:03:19 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	7.80	152	806	0.40	ng	0.00
7) Naphthalene-d8	10.60	136	2953	0.40	ng	0.00
13) Acenaphthene-d10	14.47	164	2498	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	7617	0.40	ng	0.00
27) Chrysene-d12	21.40	240	9633	0.40	ng	0.00
34) Perylene-d12	23.93	264	10883	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.37	112	465	0.21	ng	0.02
5) Phenol-d6	6.97	99	343	0.12	ng	0.00
8) Nitrobenzene-d5	8.96	82	1332	0.48	ng	0.00
11) 2-Methylnaphthalene-d10	12.21	152	1873m	0.36	ng	0.00
14) 2,4,6-Tribromophenol	15.96	330	884	0.48	ng	-0.01
15) 2-Fluorobiphenyl	13.09	172	3940	0.42	ng	-0.01
25) Fluoranthene-d10	19.25	212	45230	0.41	ng	0.00
29) Terphenyl-d14	19.84	244	10848	0.63	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	216	0.181	ng	# 55
3) n-Nitrosodimethylamine	3.62	42	175m	0.254	ng	
6) bis(2-Chloroethyl)ether	7.23	93	784	0.342	ng	82
9) Naphthalene	10.65	128	14432	0.453	ng	99
10) Hexachlorobutadiene	10.93	225	1000	0.411	ng	99
12) 2-Methylnaphthalene	12.28	142	2316	0.447	ng	97
16) Acenaphthylene	14.20	152	4695	0.378	ng	# 96
17) Acenaphthene	14.53	154	2611	0.386	ng	97
18) Fluorene	15.51	166	4250	0.418	ng	# 97
20) 4-Bromophenyl-phenylether	16.41	248	1765	0.409	ng	# 82
21) Hexachlorobenzene	16.52	284	1663	0.377	ng	93
22) Pentachlorophenol	16.87	266	2469	1.463	ng	# 82
23) Phenanthrene	17.25	178	7255	0.393	ng	# 89
24) Anthracene	17.35	178	7785	0.459	ng	# 91
26) Fluoranthene	19.28	202	11636	0.370	ng	97
28) Pyrene	19.64	202	11993	0.474	ng	96
30) Benzo(a)anthracene	21.38	228	13789	0.479	ng	95
31) Chrysene	21.44	228	12868	0.432	ng	95
32) Bis(2-ethylhexyl)phthalate	21.29	149	19138	0.463	ng	# 99
33) Indeno(1,2,3-cd)pyrene	26.61	276	14159	0.401	ng	99
35) Benzo(b)fluoranthene	23.15	252	12724m	0.417	ng	
36) Benzo(k)fluoranthene	23.20	252	12753	0.400	ng	# 94
37) Benzo(a)pyrene	23.81	252	11951	0.398	ng	# 95
38) Dibenzo(a,h)anthracene	26.64	278	11432	0.378	ng	94
39) Benzo(g,h,i)perylene	27.43	276	11949	0.382	ng	99

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



#1

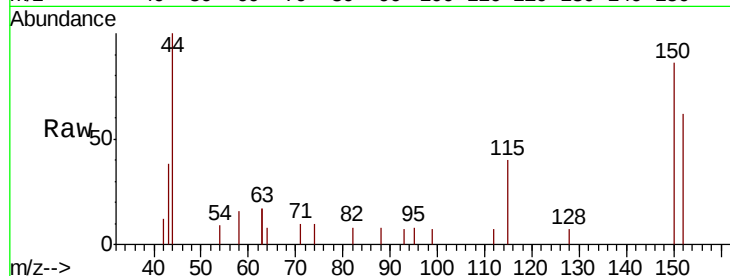
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.80 min Scan# 429
Delta R.T. 0.01 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	139.4	111.0	166.6
115	64.9	50.7	76.1

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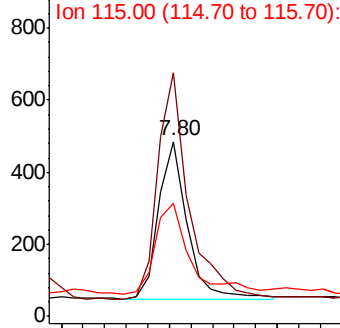


Abundance

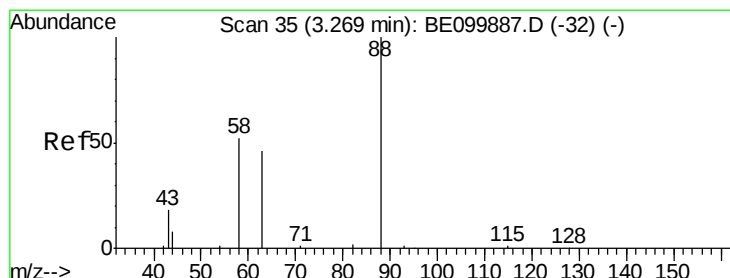
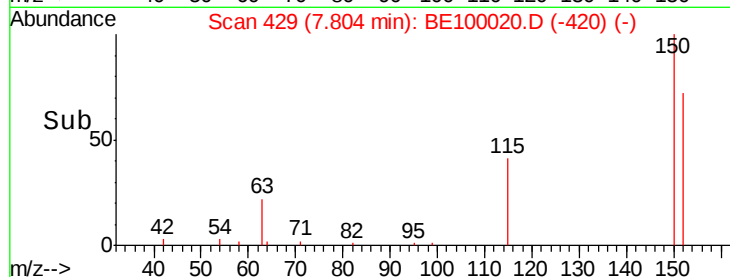
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



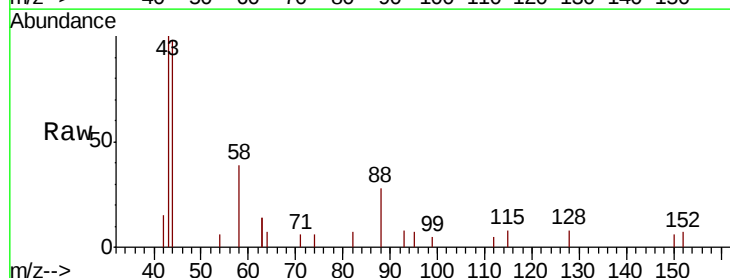
Time-->



#2

1,4-Dioxane
Concen: 0.181 ng
RT: 3.28 min Scan# 36
Delta R.T. 0.01 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.8	48.8	73.2
43	85.6	19.0	28.6

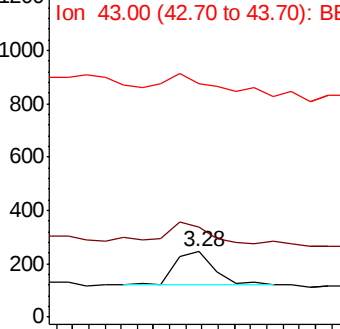


Abundance

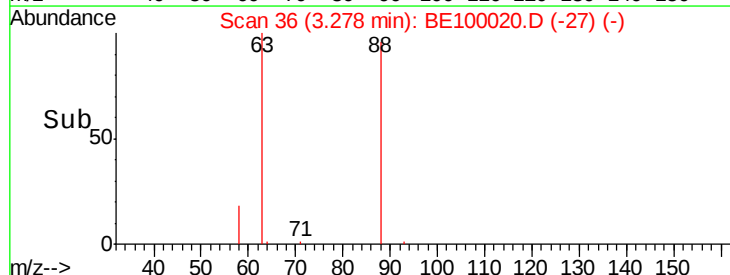
Ion 88.00 (87.70 to 88.70): BE1

Ion 58.00 (57.70 to 58.70): BE1

Ion 43.00 (42.70 to 43.70): BE1



Time-->





#3

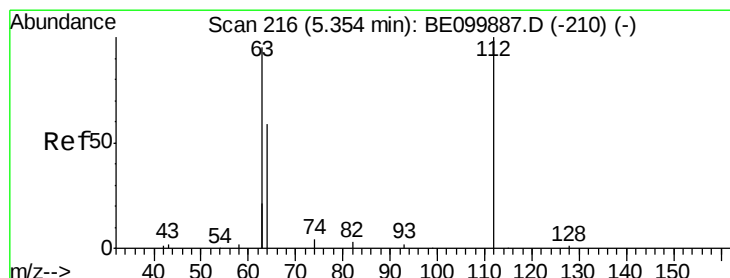
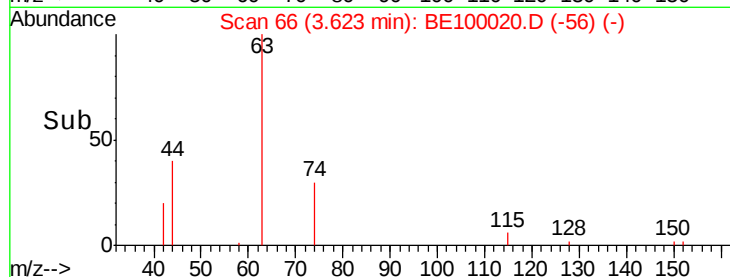
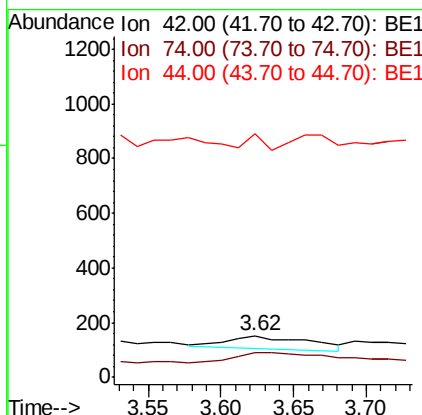
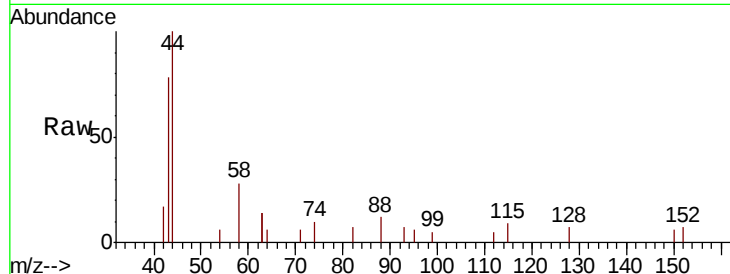
n-Nitrosodimethylamine
 Concen: 0.254 ng/ml
 RT: 3.62 min Scan# 66
 Delta R.T. 0.02 min
 Lab File: BE100020.D
 Acq: 14 Jun 2019 13:17

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-AOC22-MW10-20190609MSD

Tot Ion	42	Resp	175
Ion	Ratio	Lower	Upper
42	100		
74	66.9	0.0	0.0#
44	25.1	0.0	0.0#

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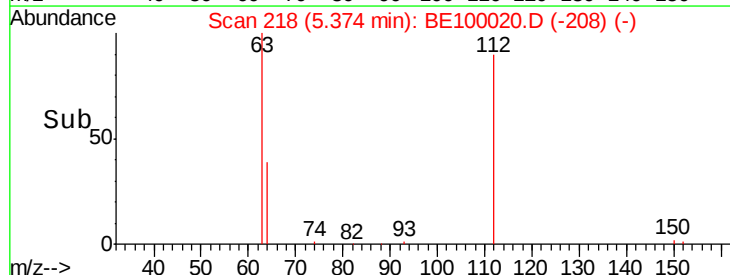
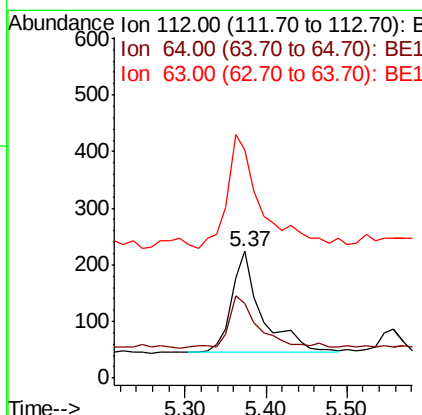
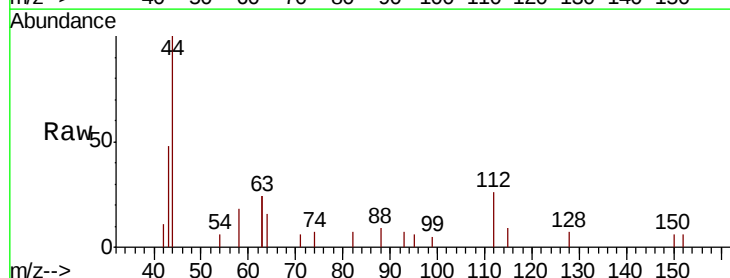
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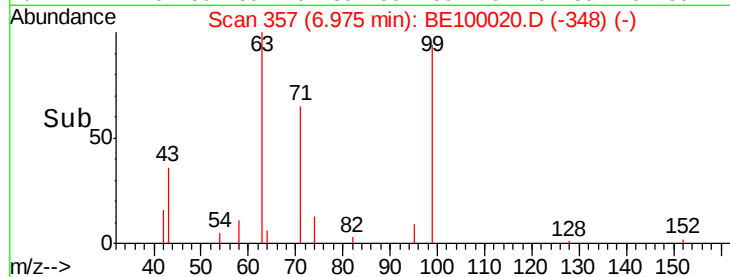
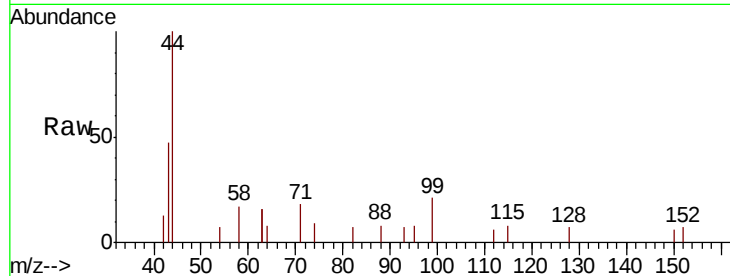


#4

2-Fluorophenol
 Concen: 0.214 ng
 RT: 5.37 min Scan# 218
 Delta R.T. 0.02 min
 Lab File: BE100020.D
 Acq: 14 Jun 2019 13:17

Tgt Ion	112	Resp	465
Ion	Ratio	Lower	Upper
112	100		
64	51.6	44.1	66.1
63	125.8	87.8	131.6





#5

Phenol-d6

Concen: 0.122 ng

RT: 6.97 min Scan# 357

Delta R.T. 0.01 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Tot Ion:	99	Resp:	343
Ion Ratio	Lower	Upper	
99	100		
42	24.5	15.9	23.9#
71	67.9	34.6	52.0#

Instrument :

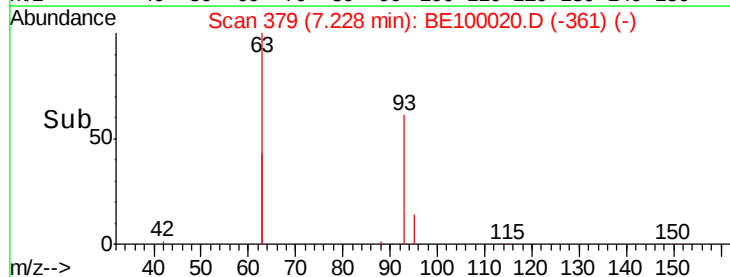
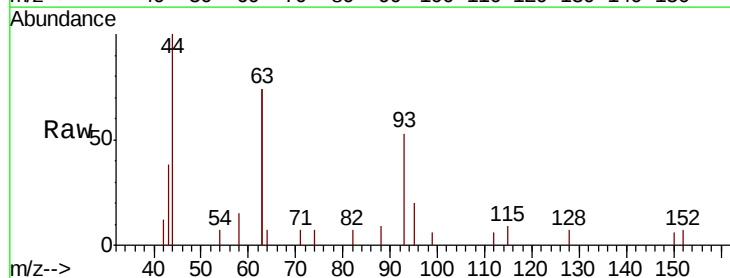
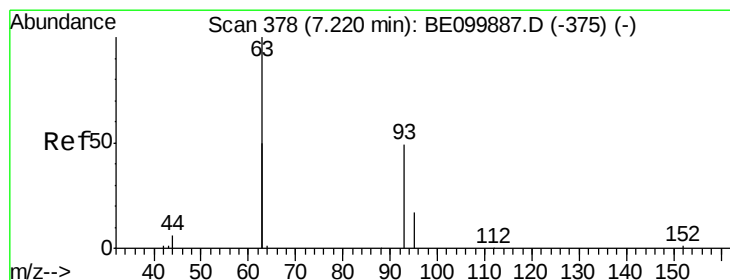
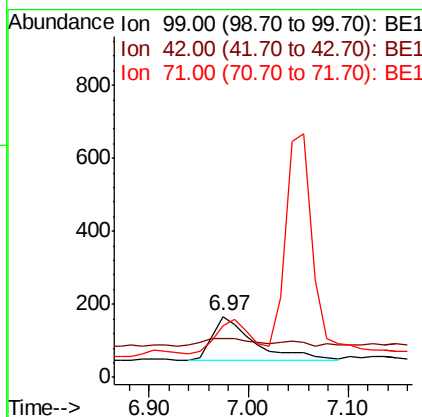
BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

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#6

bis(2-Chloroethyl)ether

Concen: 0.342 ng

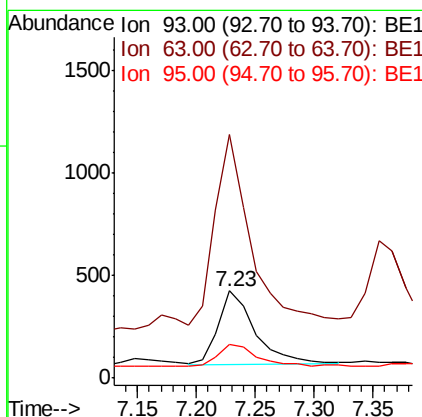
RT: 7.23 min Scan# 379

Delta R.T. 0.01 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Tgt Ion:	93	Resp:	784
Ion Ratio	Lower	Upper	
93	100		
63	286.5	202.8	304.2
95	33.8	23.7	35.5





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.60 min Scan# 649

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

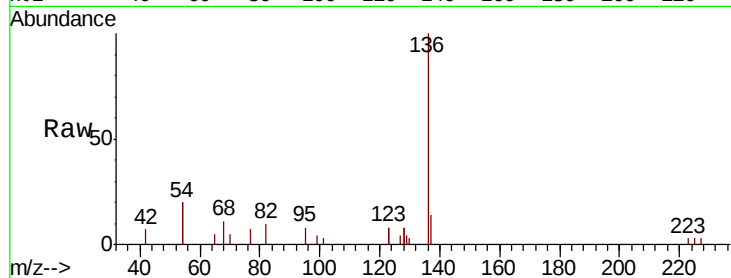
ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

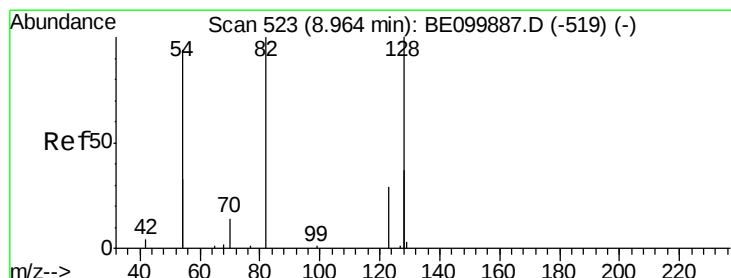
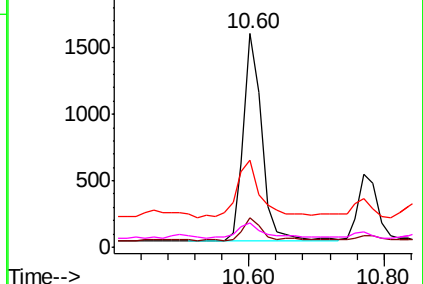
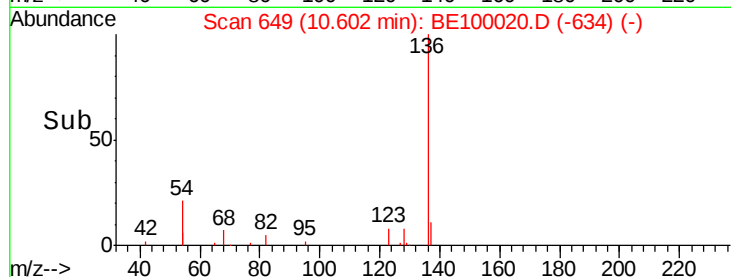
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		2953		
137	13.7		12.3	18.5	
54	40.7		28.2	42.4	
68	11.2		7.8	11.8	

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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: 0.476 ng

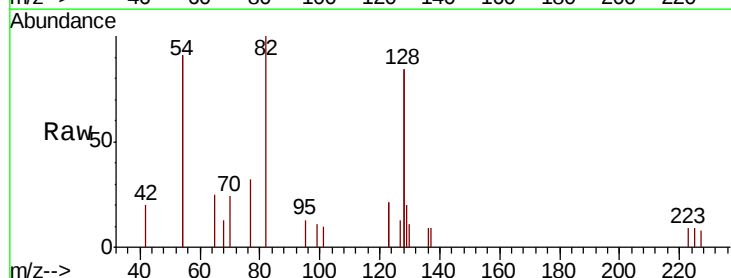
RT: 8.96 min Scan# 523

Delta R.T. 0.00 min

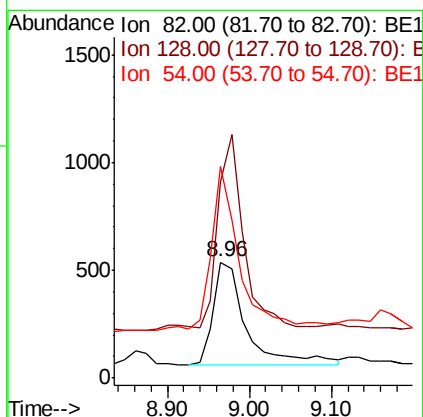
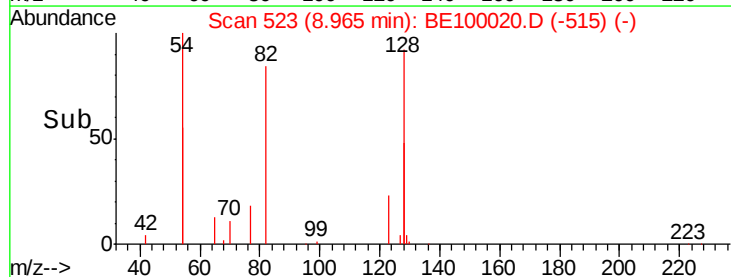
Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		1332		
128	168.5		137.3	205.9	
54	182.2		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: 0.453 ng

RT: 10.65 min Scan# 653

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

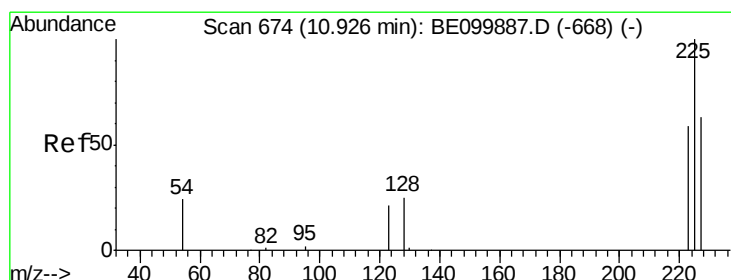
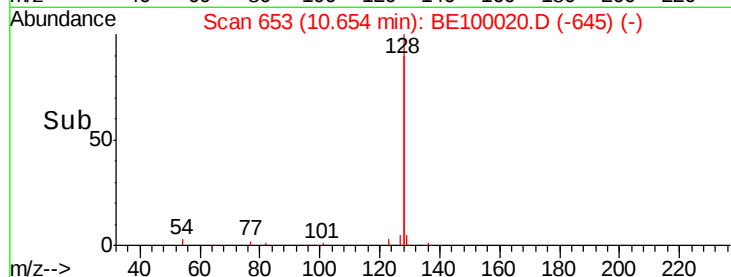
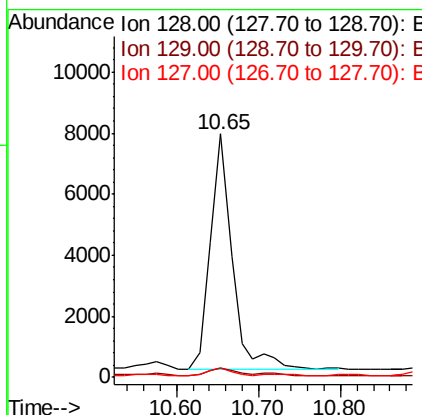
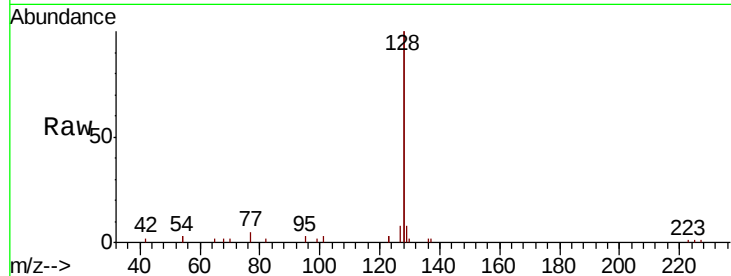
ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

Tot Ion:	128	Resp:	14432
Ion Ratio	Lower	Upper	
128	100		
129	3.9	3.0	4.6
127	3.8	3.4	5.0

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#10

Hexachlorobutadiene

Concen: 0.411 ng

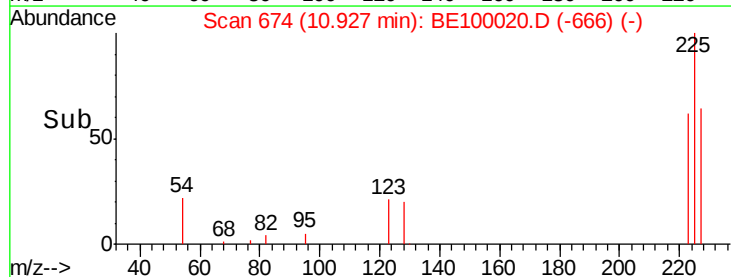
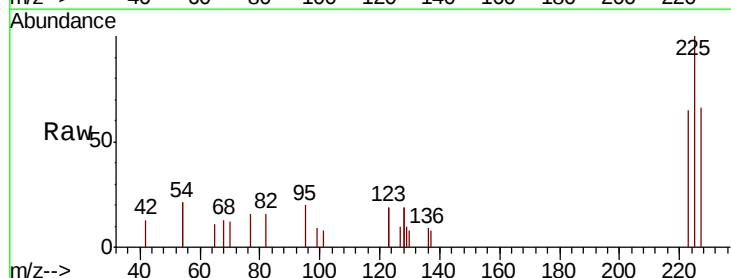
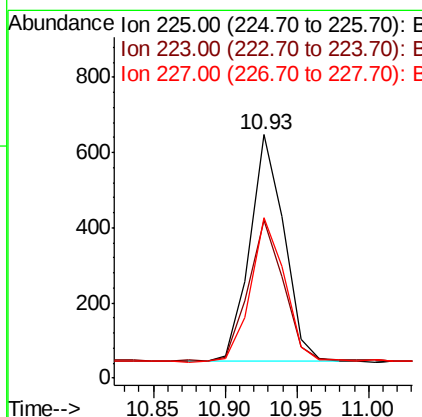
RT: 10.93 min Scan# 674

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Tgt Ion:	225	Resp:	1000
Ion Ratio	Lower	Upper	
225	100		
223	62.9	51.6	77.4
227	63.4	50.6	76.0





#11

2-Methylnaphthalene-d10

Concen: 0.364 ng/mL

RT: 12.21 min Scan# 763

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

Tot Ion:152 Resp: 1873

Ion Ratio Lower Upper

152 100

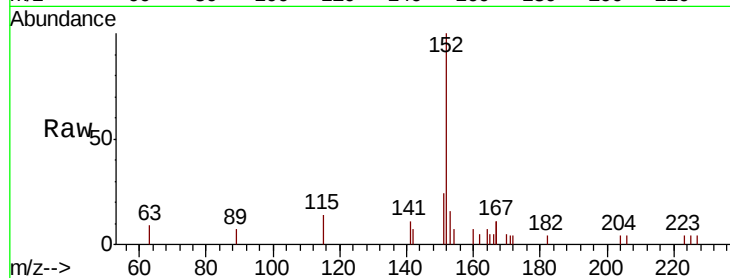
151 25.9 15.2 22.8#

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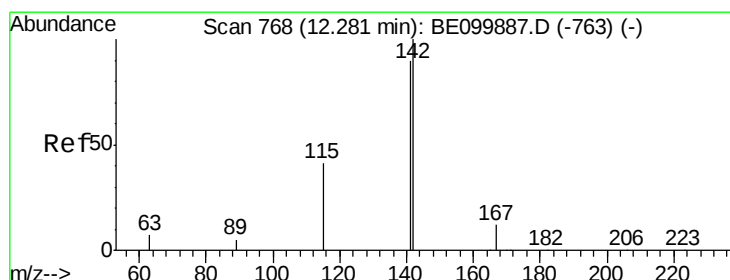
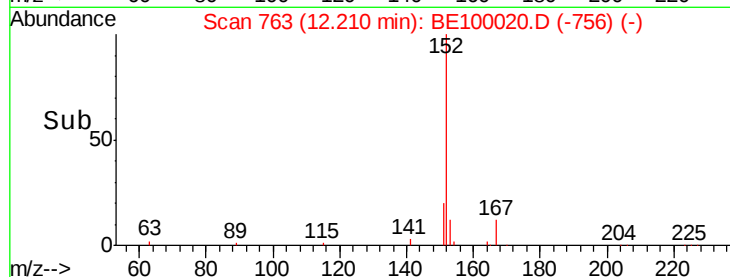
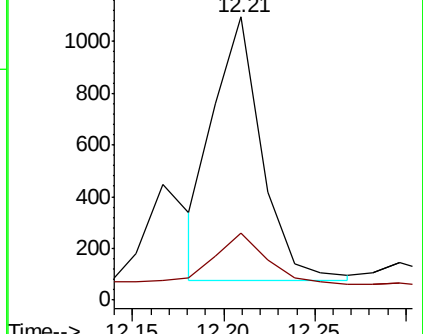
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E



#12

2-Methylnaphthalene

Concen: 0.447 ng/mL

RT: 12.28 min Scan# 768

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

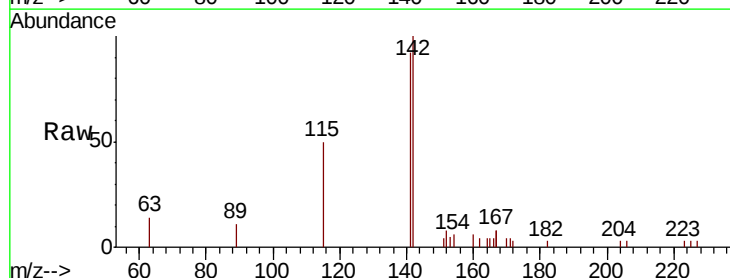
Tgt Ion:142 Resp: 2316

Ion Ratio Lower Upper

142 100

141 91.9 72.3 108.5

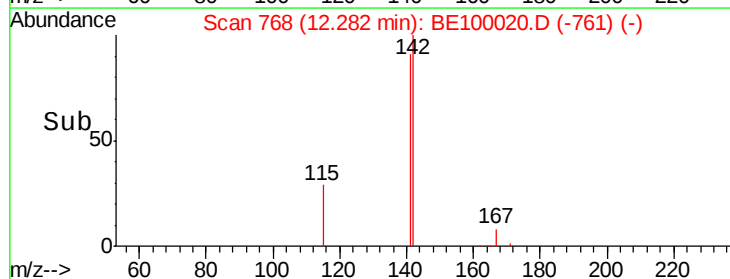
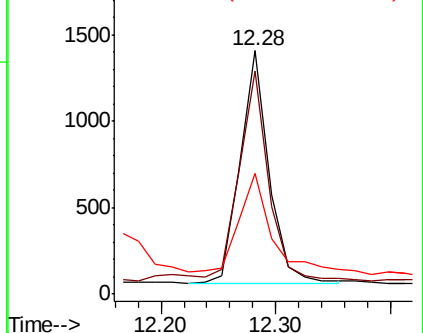
115 49.8 36.4 54.6

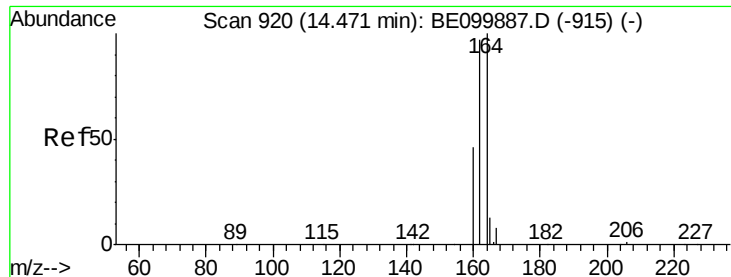


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.47 min Scan# 920

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

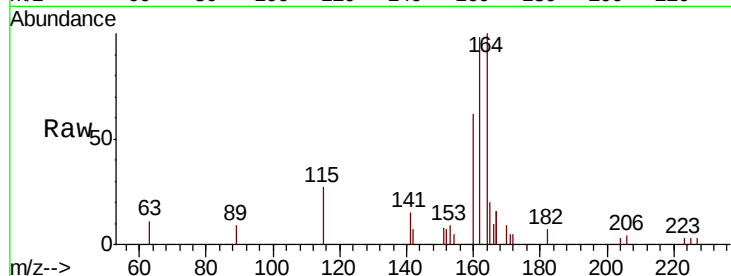
ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

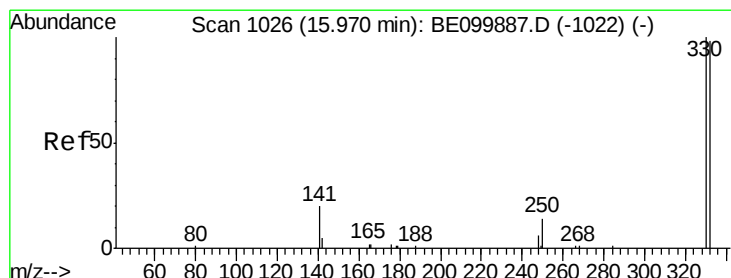
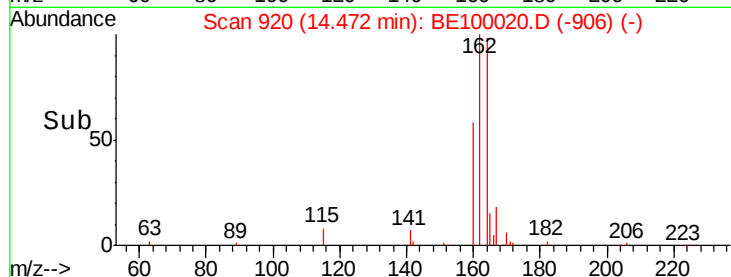
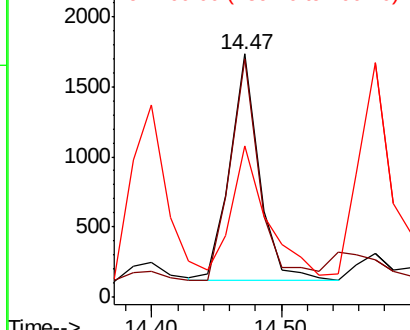
Tot Ion:	164	Resp:	2498
Ion Ratio	Lower	Upper	
164	100		
162	98.0	77.8	116.8
160	62.1	38.2	57.4#

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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: 0.479 ng

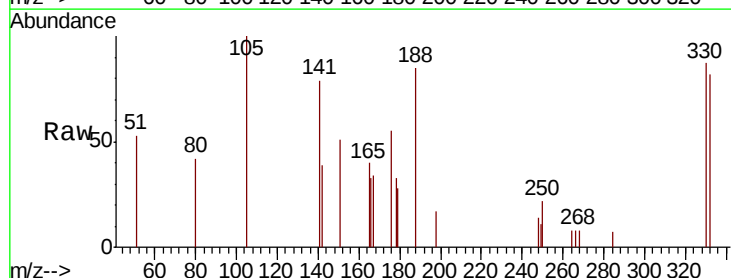
RT: 15.96 min Scan# 1025

Delta R.T. -0.01 min

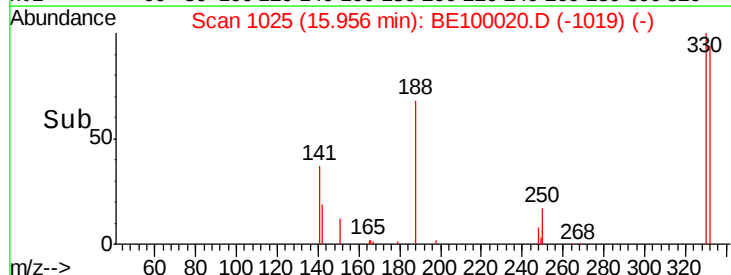
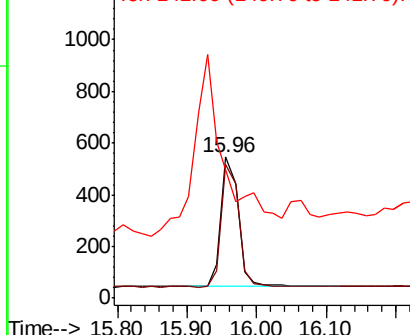
Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Tgt Ion:	330	Resp:	884
Ion Ratio	Lower	Upper	
330	100		
332	95.4	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





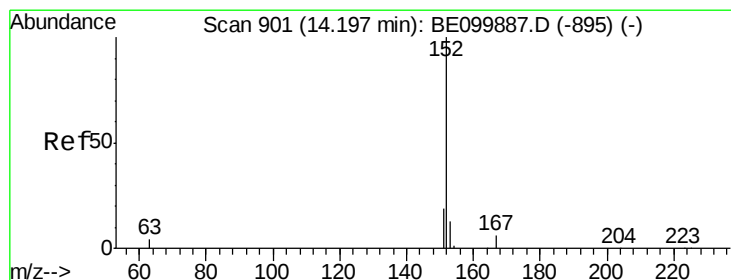
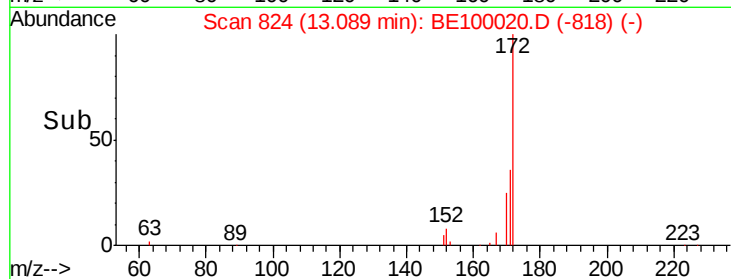
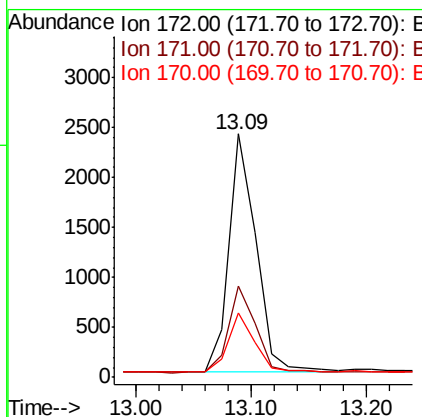
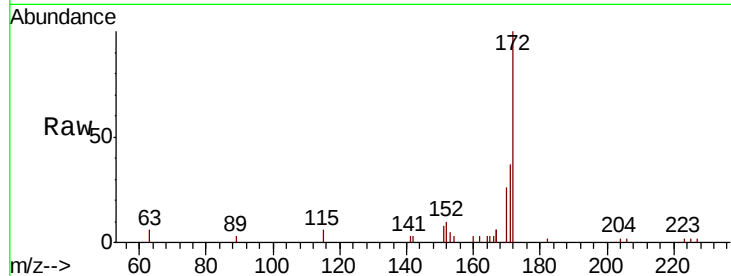
#15
2-Fluorobiphenyl
Concen: 0.416 ng
RT: 13.09 min Scan# 824
Delta R.T. -0.01 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.3	29.2	43.8
170	26.3	21.2	31.8

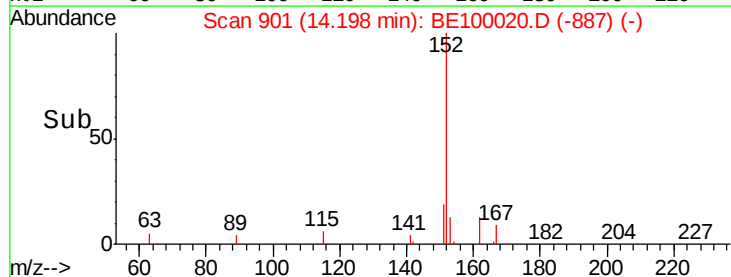
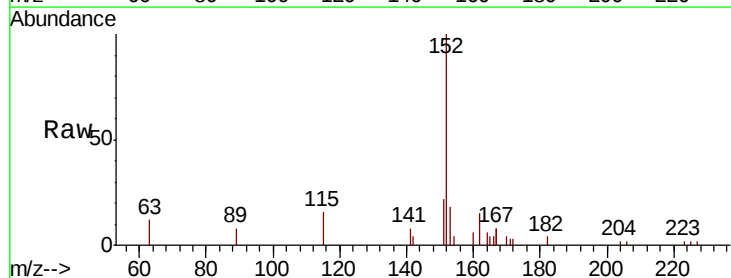
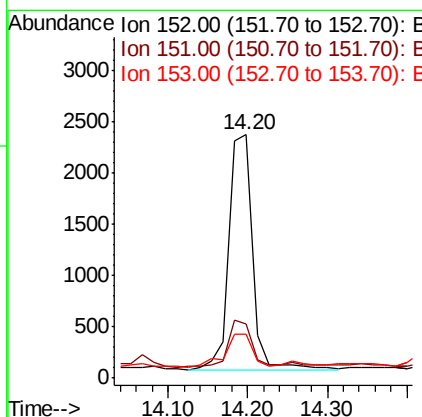
Manual Integrations
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#16
Acenaphthylene
Concen: 0.378 ng
RT: 14.20 min Scan# 901
Delta R.T. 0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	16.1	10.2	15.2#





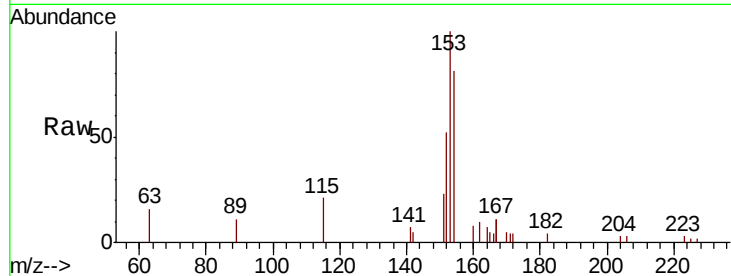
#17
Acenaphthene
Concen: 0.386 ng
RT: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	121.0	93.1	139.7
152	59.9	47.0	70.4

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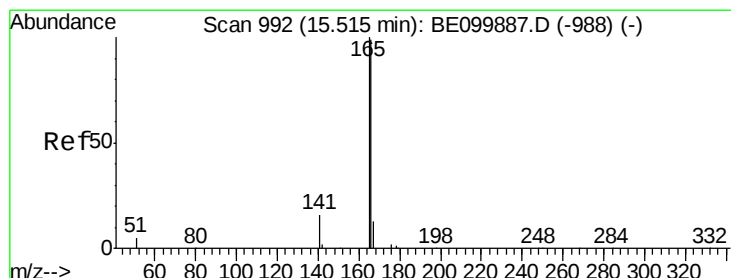
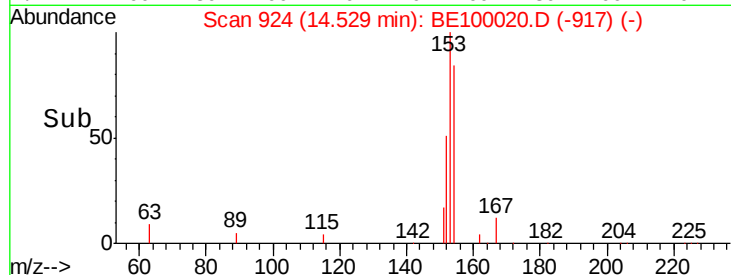
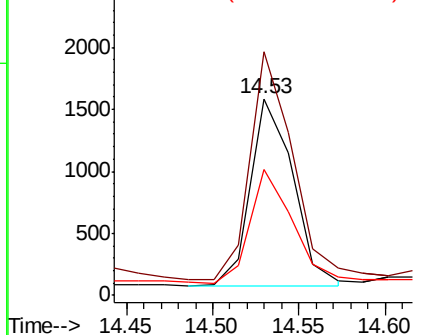


Abundance

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: 0.418 ng
RT: 15.51 min Scan# 992
Delta R.T. -0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

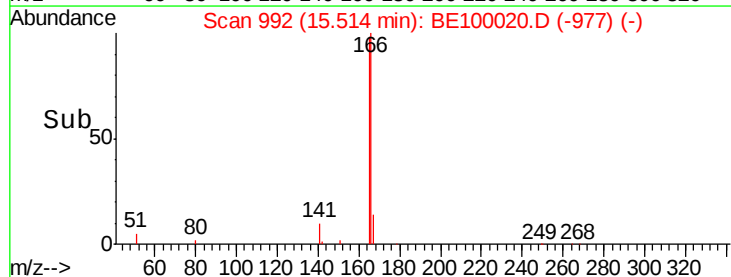
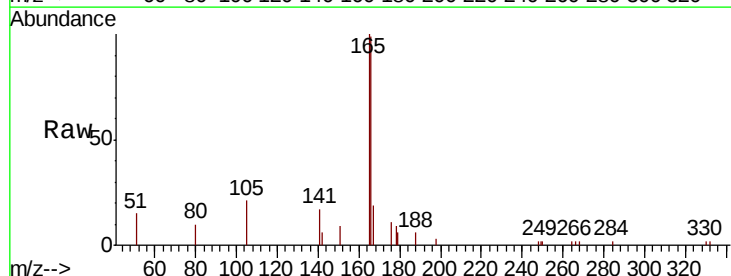
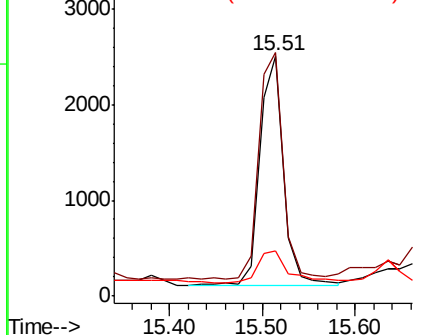
Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.7	81.8	122.8
167	19.1	11.2	16.8#

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: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

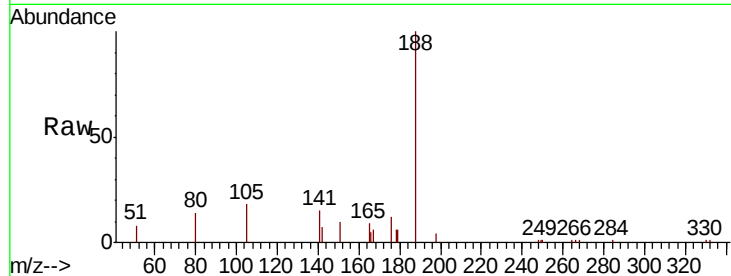
ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

Tot Ion:	188	Resp:	7617
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.1	6.4	9.6#

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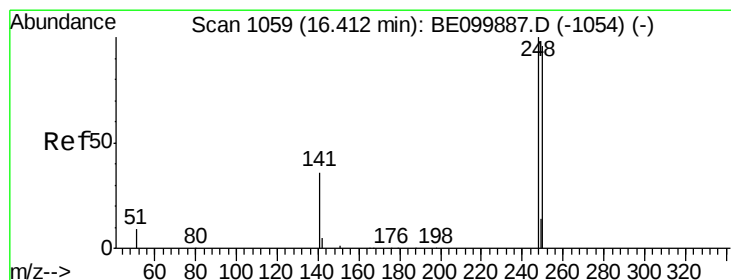
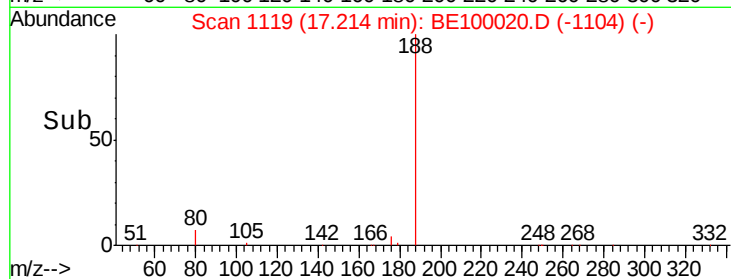
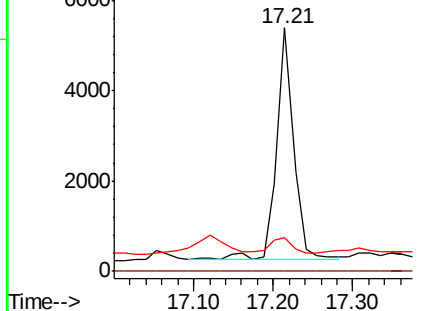
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE1

Ion 80.00 (79.70 to 80.70): BE1



#20

4-Bromophenyl-phenylether

Concen: 0.409 ng

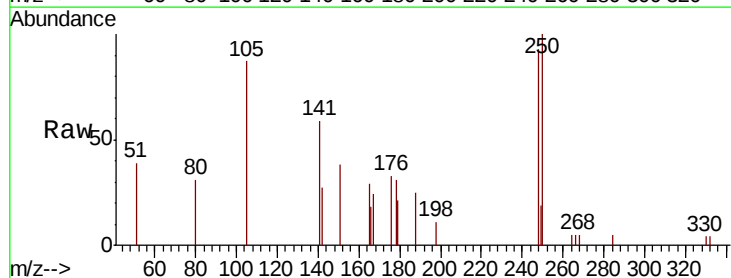
RT: 16.41 min Scan# 1059

Delta R.T. -0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

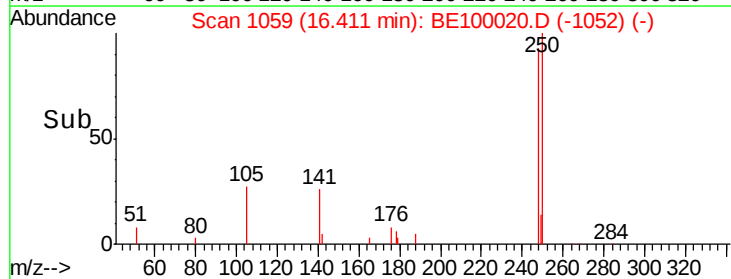
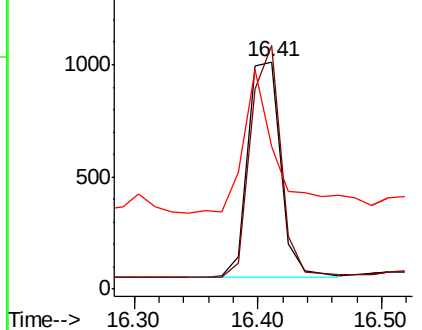
Tgt Ion:	248	Resp:	1765
Ion Ratio	Lower	Upper	
248	100		
250	107.0	77.5	116.3
141	62.6	31.8	47.8#



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





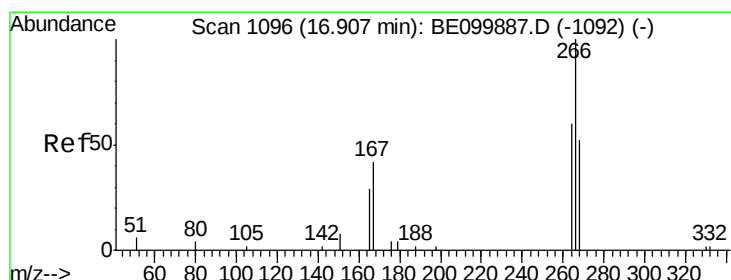
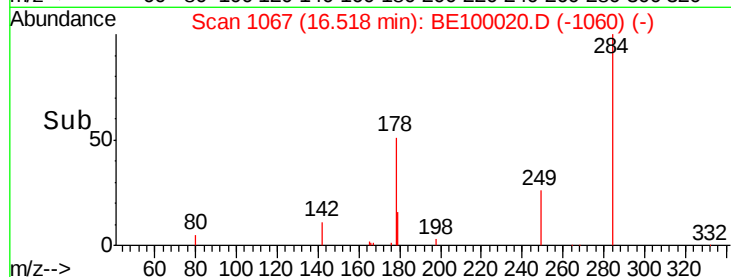
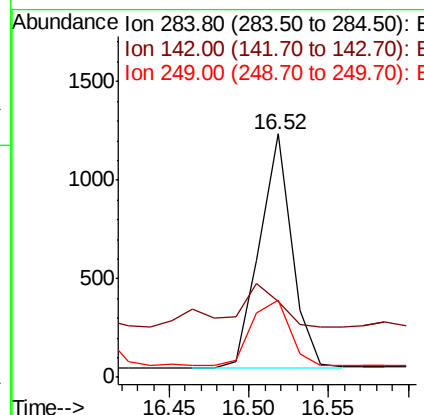
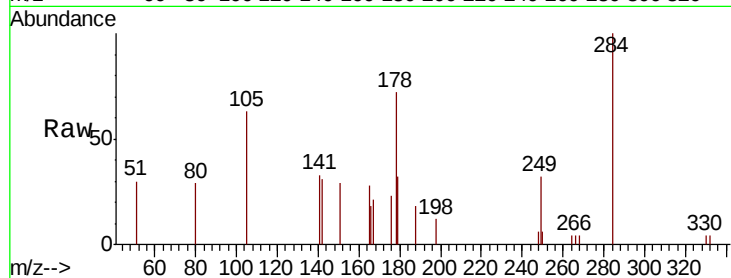
#21
Hexachlorobenzene
Concen: 0.377 ng
RT: 16.52 min Scan# 1067
Delta R.T. -0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	27.1	18.2	27.4
249	33.5	24.6	37.0

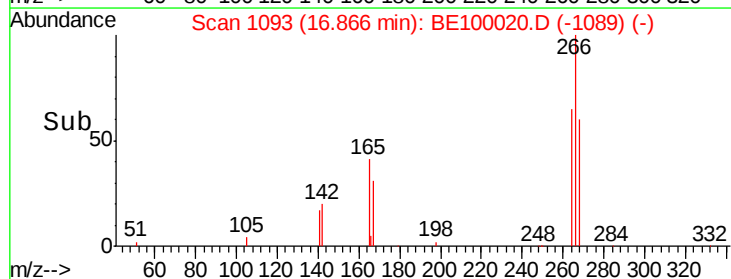
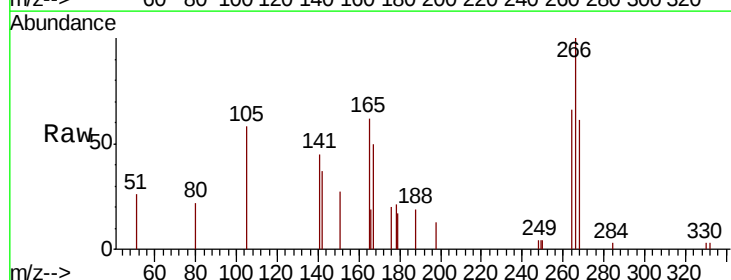
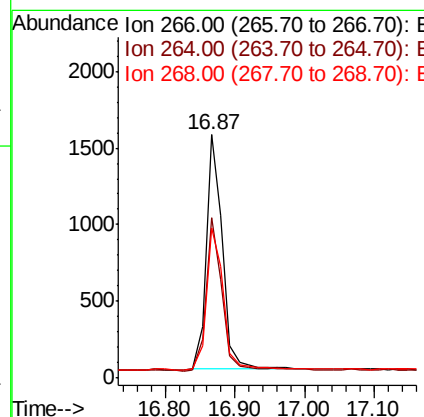
Manual Integrations
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#22
Pentachlorophenol
Concen: 1.463 ng
RT: 16.87 min Scan# 1093
Delta R.T. -0.04 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Tgt Ion	Ratio	Lower	Upper
266	100		
264	65.7	62.2	93.2
268	61.5	65.5	98.3





#23

Phenanthrene

Concen: 0.393 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

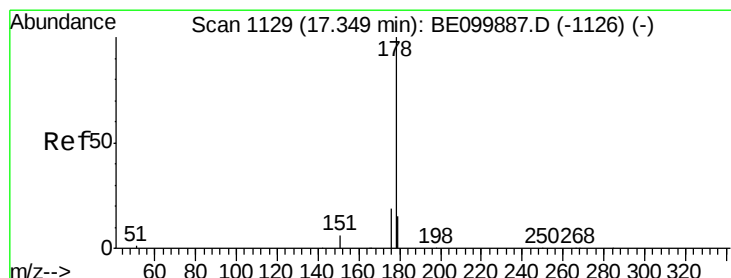
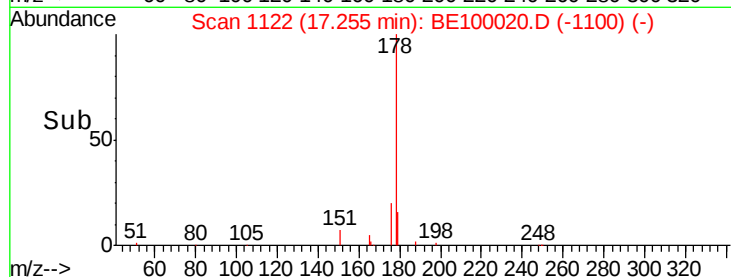
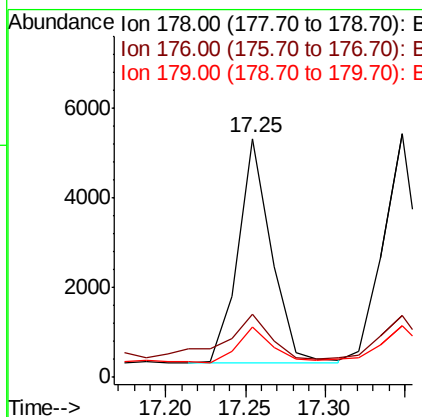
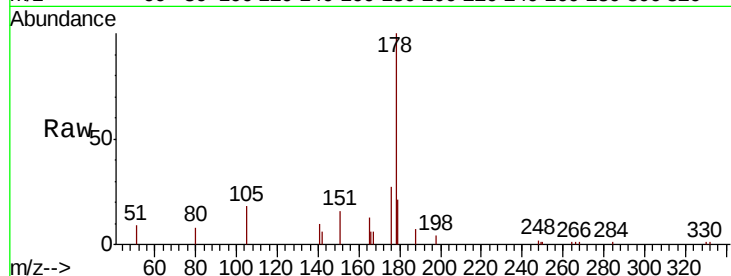
ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

Tot Ion:178	Resp:	7255
Ion Ratio	Lower	Upper
178	100	
176	28.5	15.8 23.8#
179	15.8	12.4 18.6

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#24

Anthracene

Concen: 0.459 ng

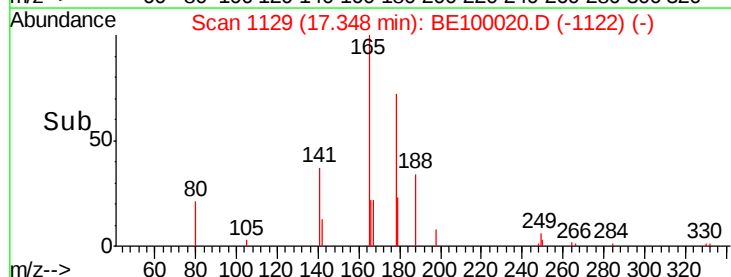
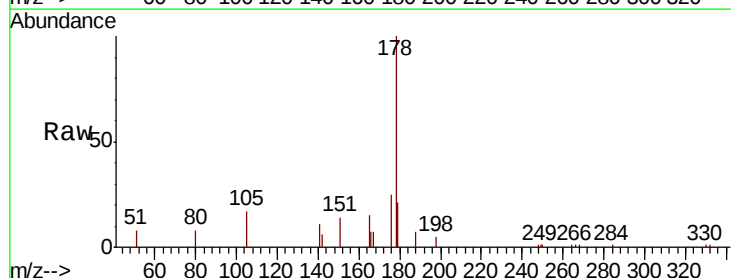
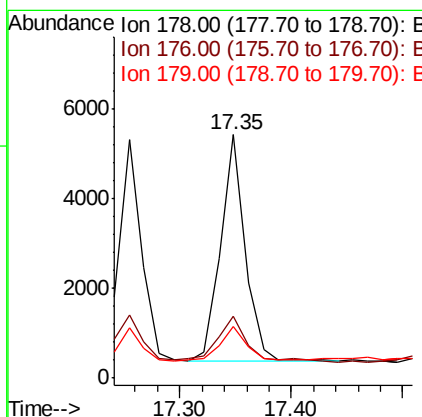
RT: 17.35 min Scan# 1129

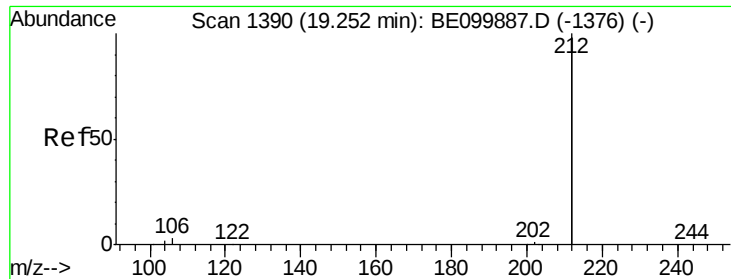
Delta R.T. -0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Tgt Ion:178	Resp:	7785
Ion Ratio	Lower	Upper
178	100	
176	25.6	14.6 22.0#
179	15.7	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.408 ng

RT: 19.25 min Scan# 1389

Delta R.T. -0.01 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

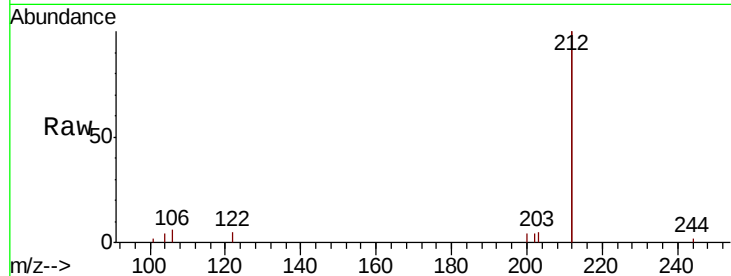
ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

Tot Ion:	212	Resp:	45230
Ion Ratio	Lower	Upper	
212	100		
106	1.5	1.4	2.2
104	1.1	0.9	1.3

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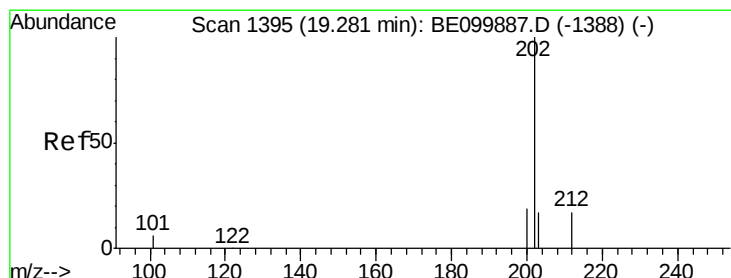
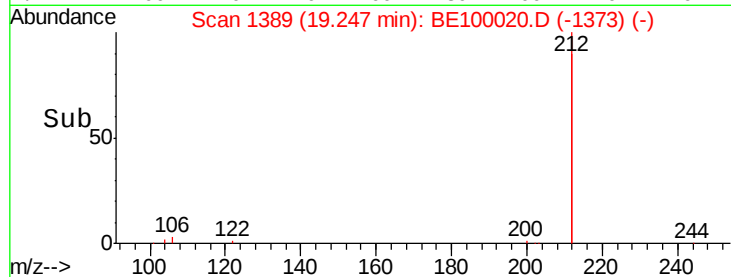
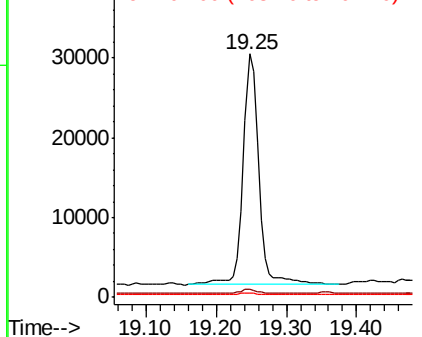


Abundance

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: 0.370 ng

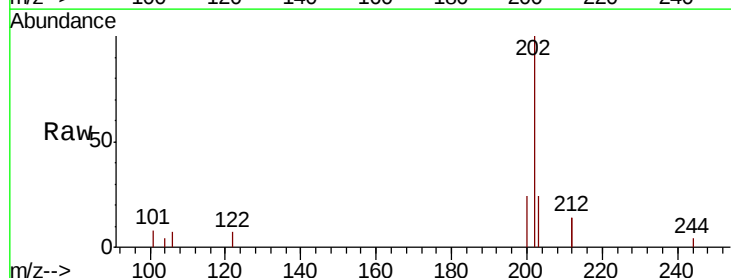
RT: 19.28 min Scan# 1395

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Tgt Ion:	202	Resp:	11636
Ion Ratio	Lower	Upper	
202	100		
101	7.8	5.4	8.0
203	17.7	13.2	19.8

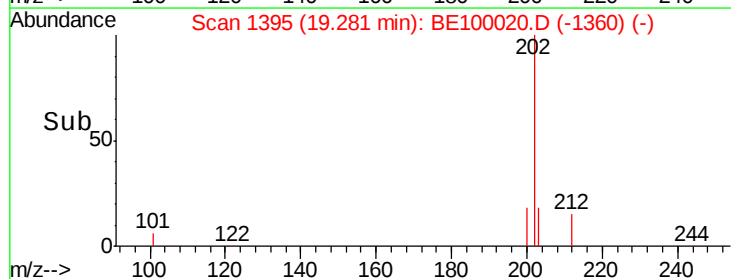
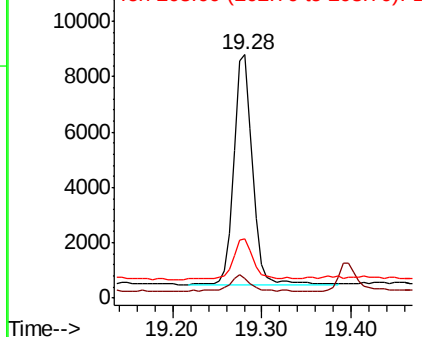


Abundance

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: 21.40 min Scan# 1633

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

Tot Ion:240 Resp: 9633

Ion Ratio Lower Upper

240 100

120 7.4 3.8 5.6#

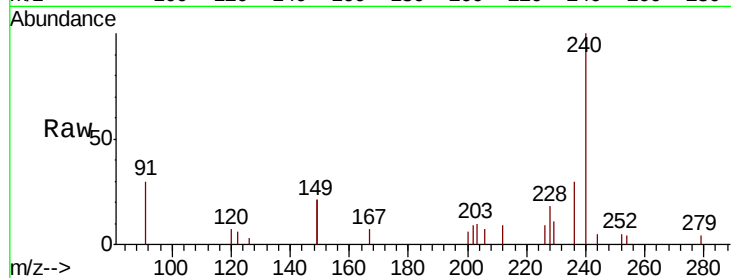
236 30.5 22.0 33.0

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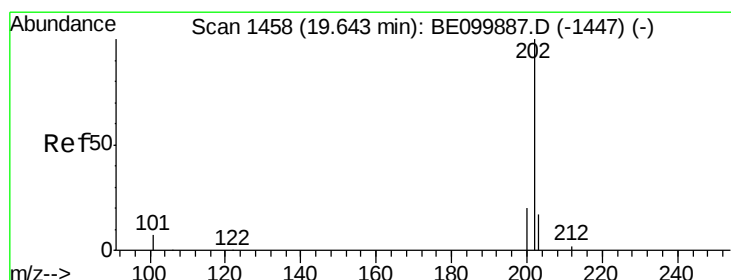
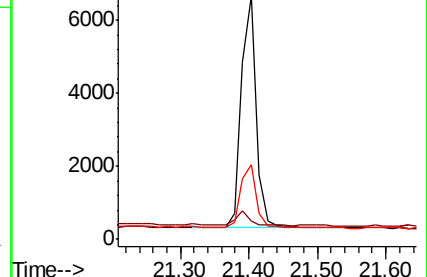
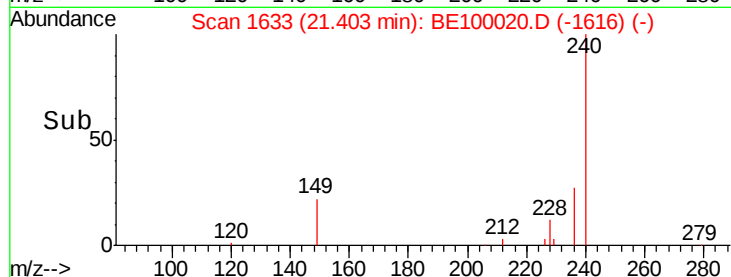
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.474 ng

RT: 19.64 min Scan# 1458

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

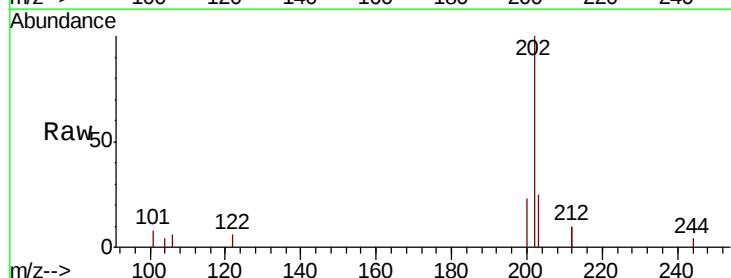
Tgt Ion:202 Resp: 11993

Ion Ratio Lower Upper

202 100

200 21.4 15.5 23.3

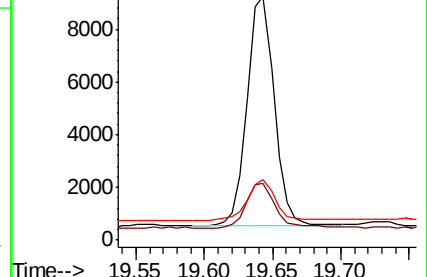
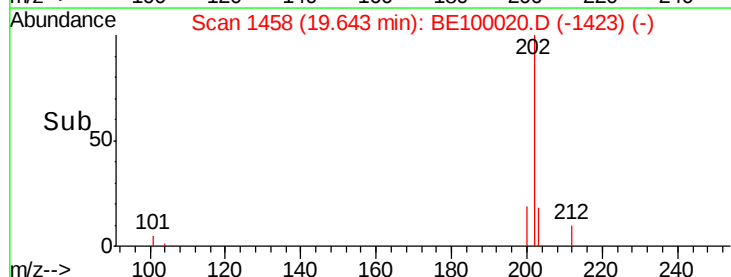
203 18.8 14.0 21.0

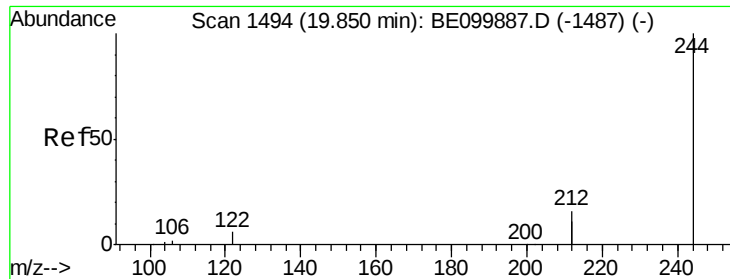


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.626 ng

RT: 19.84 min Scan# 1493

Delta R.T. -0.01 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

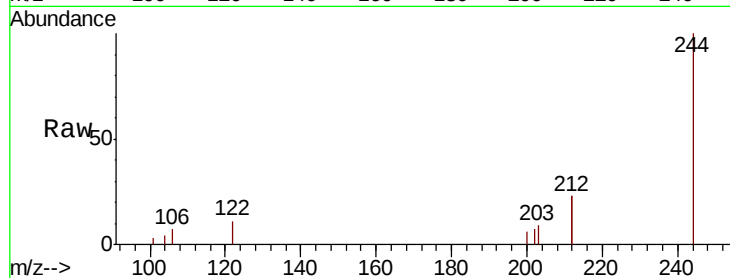
ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

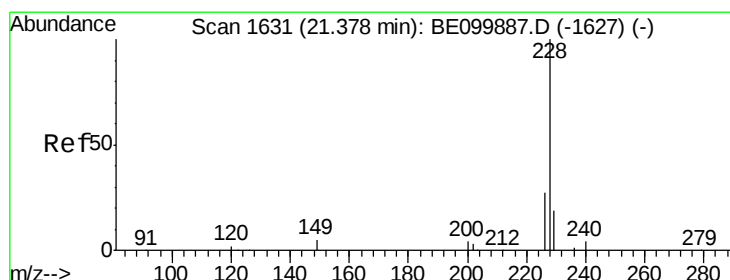
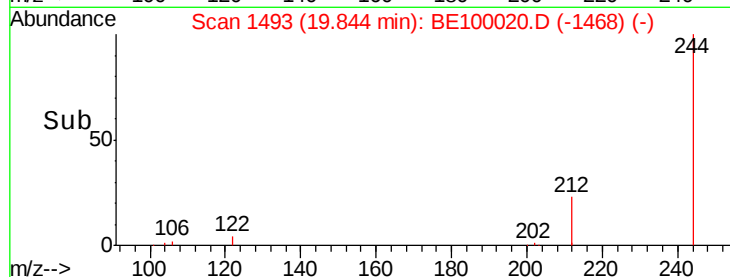
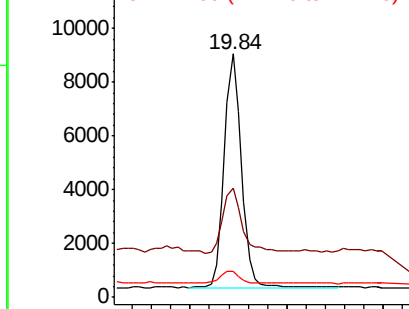
Tot Ion:	244	Resp:	10848
Ion Ratio	Lower	Upper	
244	100		
212	45.0	25.7	38.5#
122	10.8	5.5	8.3#

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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: 0.479 ng

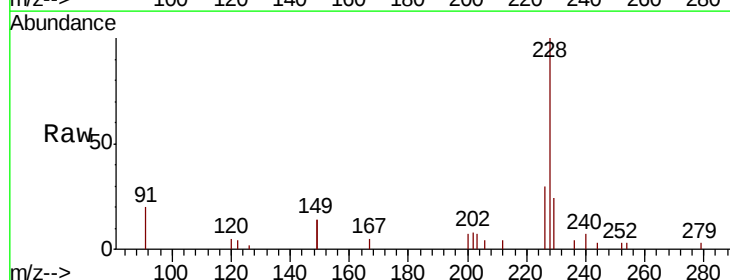
RT: 21.38 min Scan# 1631

Delta R.T. 0.00 min

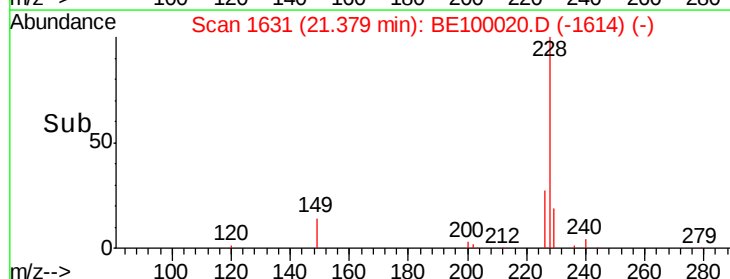
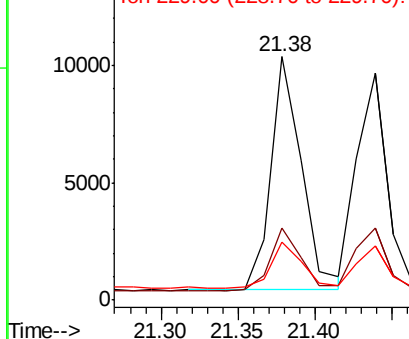
Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Tgt Ion:	228	Resp:	13789
Ion Ratio	Lower	Upper	
228	100		
226	29.8	22.5	33.7
229	23.6	15.9	23.9



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: 0.432 ng

RT: 21.44 min Scan# 1636

Delta R.T. 0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

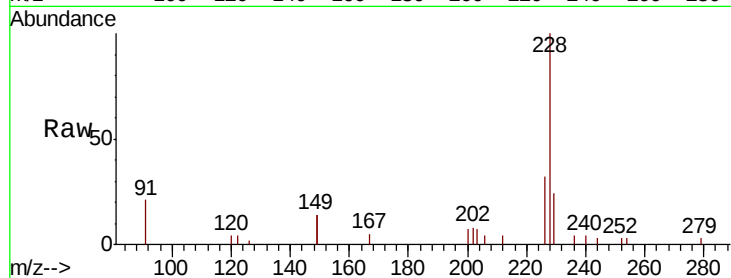
ClientSampleId :

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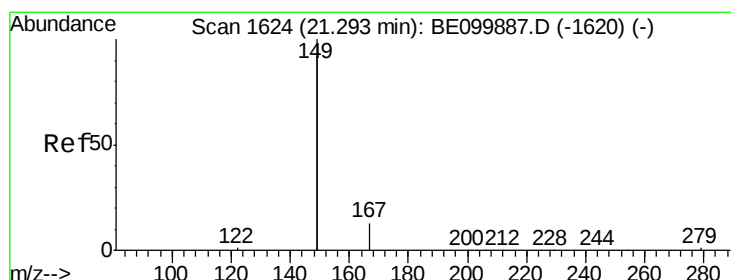
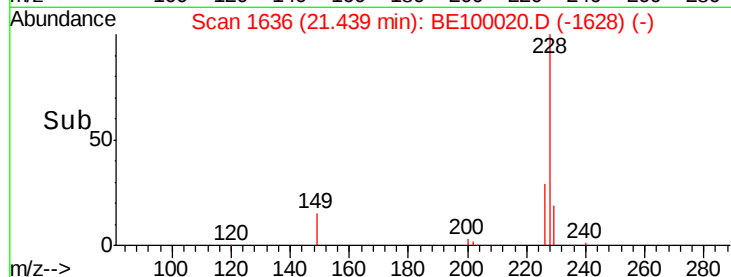
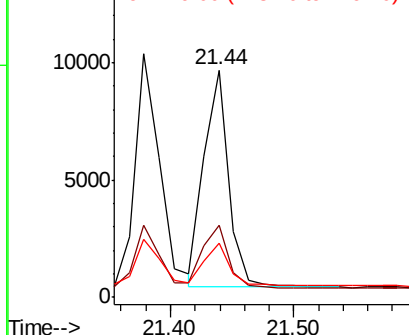
Tot Ion:	228	Resp:	12868
Ion Ratio	Lower	Upper	
228	100		
226	32.0	24.1	36.1
229	23.8	16.1	24.1

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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: 0.463 ng

RT: 21.29 min Scan# 1624

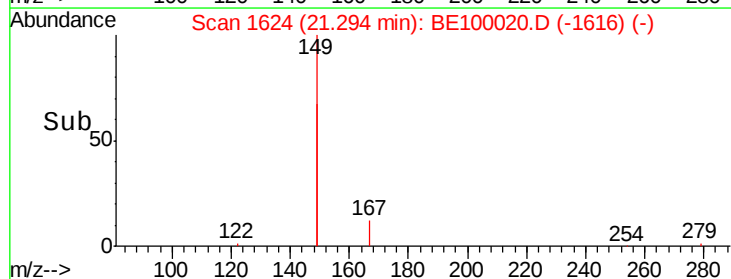
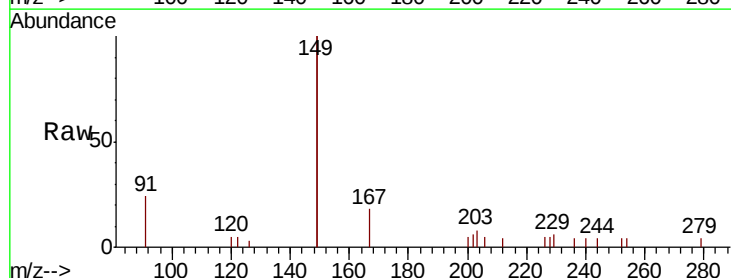
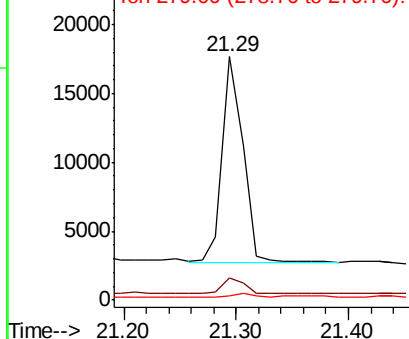
Delta R.T. 0.00 min

Lab File: BE100020.D

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Tgt Ion:	149	Resp:	19138
Ion Ratio	Lower	Upper	
149	100		
167	7.6	5.9	8.9
279	1.9	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





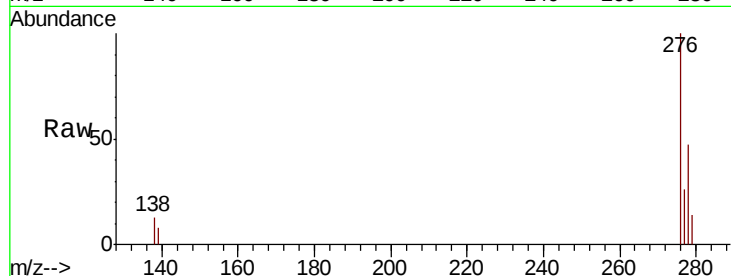
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng
RT: 26.61 min Scan# 2965
Delta R.T. -0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.3	10.1	15.1
277	24.1	19.1	28.7

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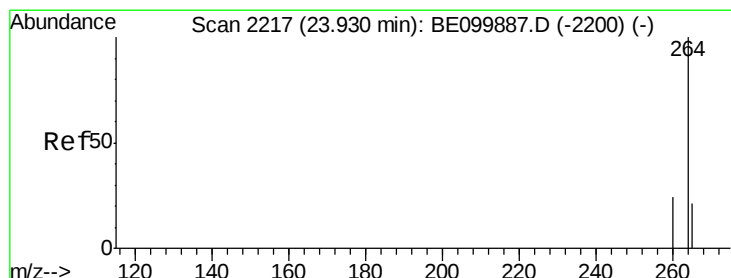
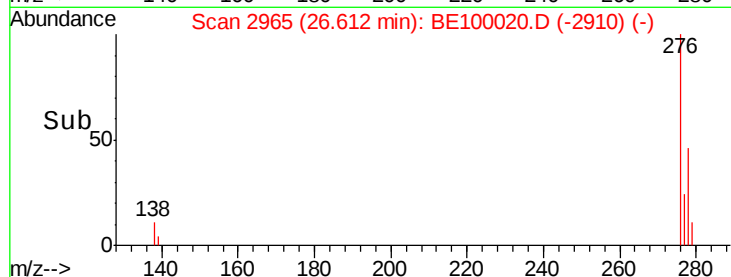
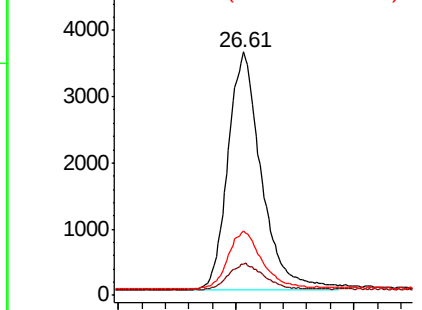


Abundance

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: 23.93 min Scan# 2217
Delta R.T. 0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

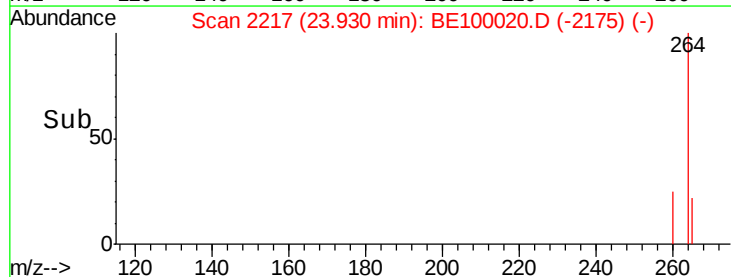
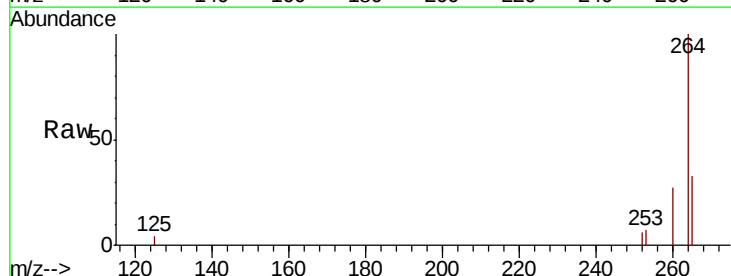
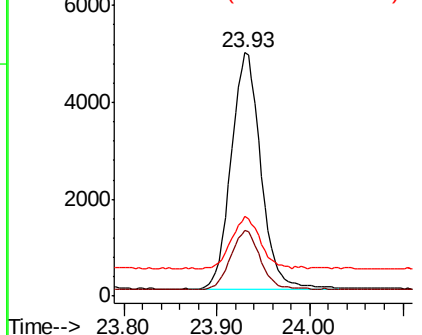
Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.8	20.2	30.2
265	32.5	22.0	33.0

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





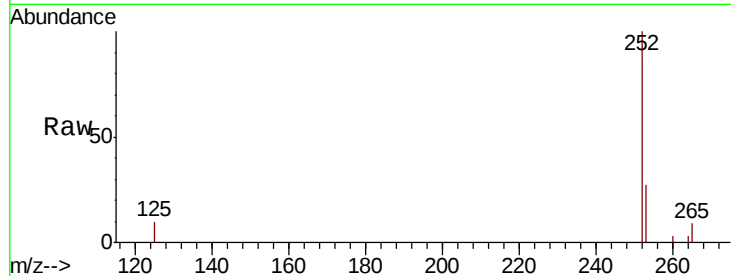
#35
Benzo(b)fluoranthene
Concen: 0.417 ng m
RT: 23.15 min Scan# 1998
Delta R.T. 0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MSD

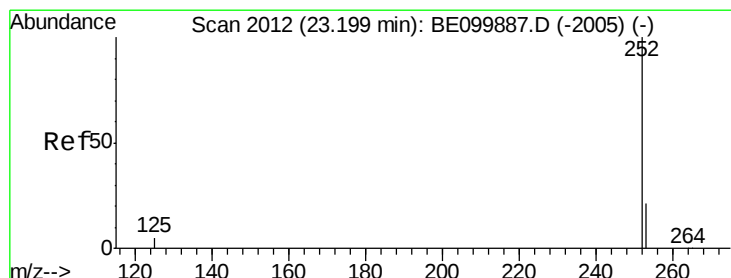
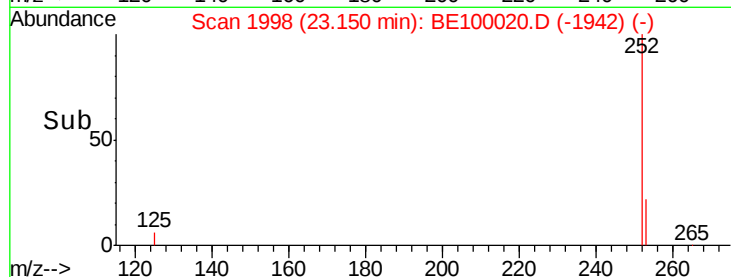
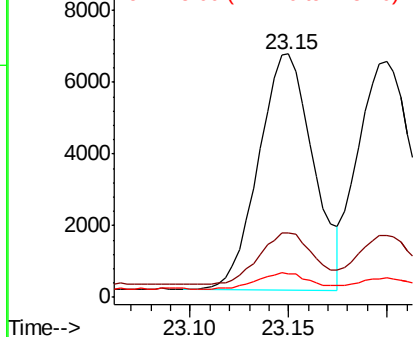
Tot Ion	Ratio	Lower	Upper
252	100		
253	26.7	18.7	28.1
125	9.8	5.7	8.5#

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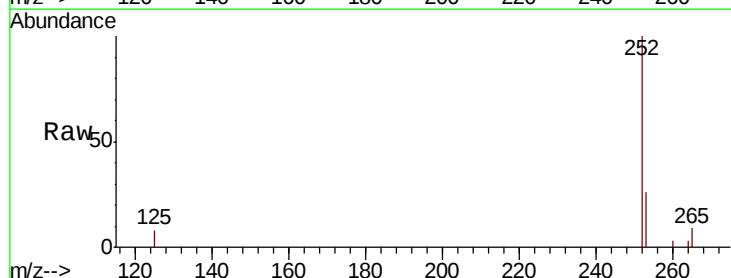


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

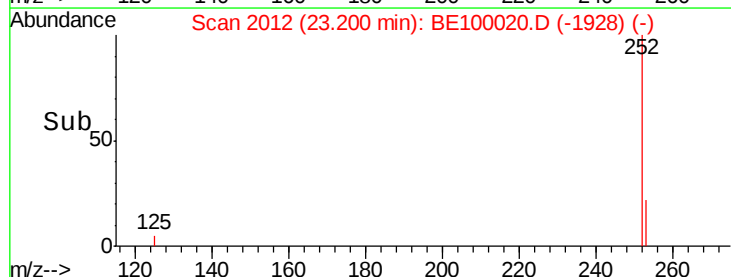
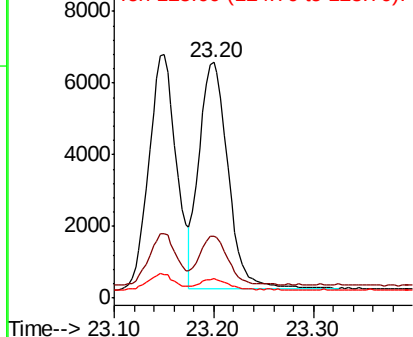


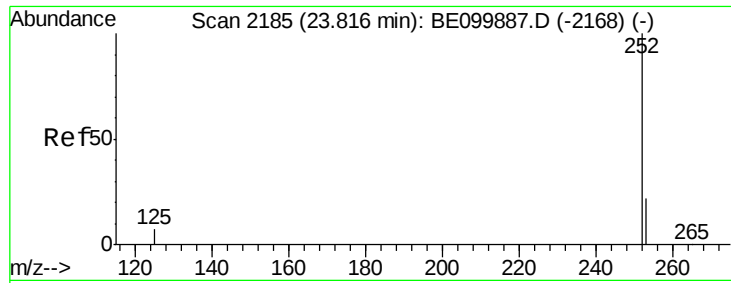
#36
Benzo(k)fluoranthene
Concen: 0.400 ng
RT: 23.20 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.6	28.0
125	8.3	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





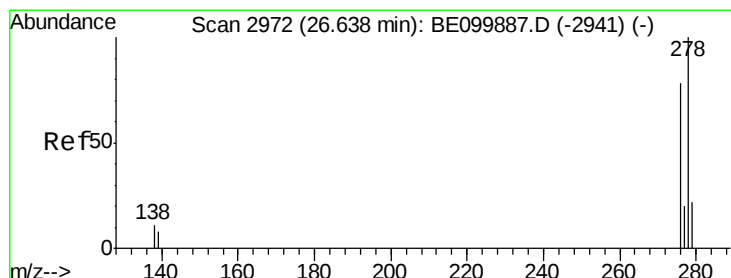
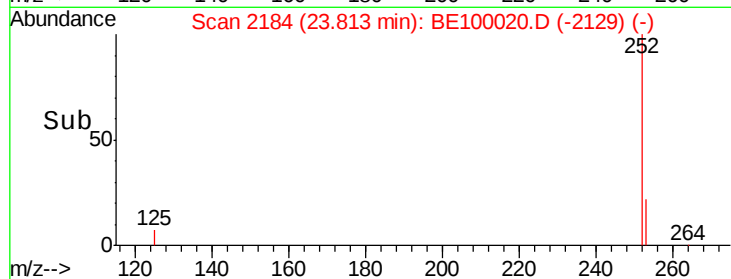
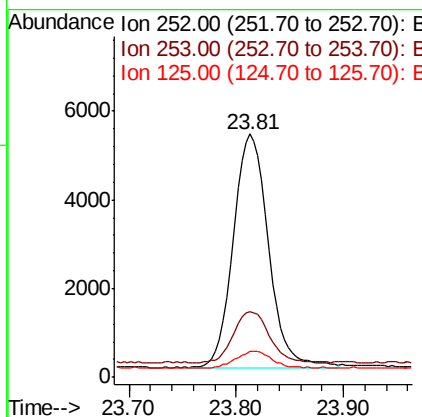
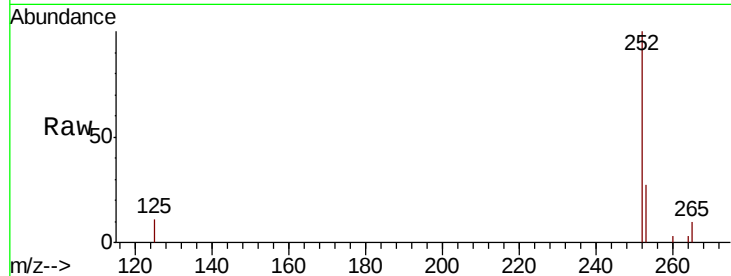
#37
Benzo(a)pyrene
Concen: 0.398 ng
RT: 23.81 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Instrument :
BNA_E
ClientSampleId :
BP-TT-AOC22-MW10-20190609MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.6	29.4
125	10.7	6.6	10.0

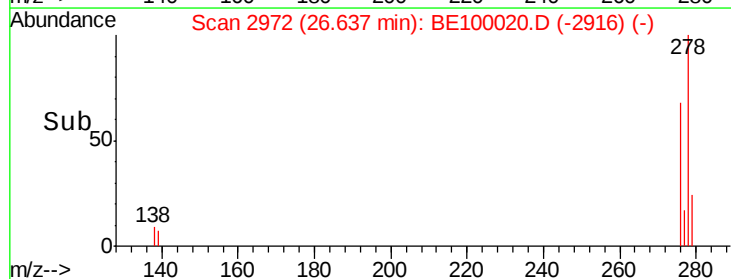
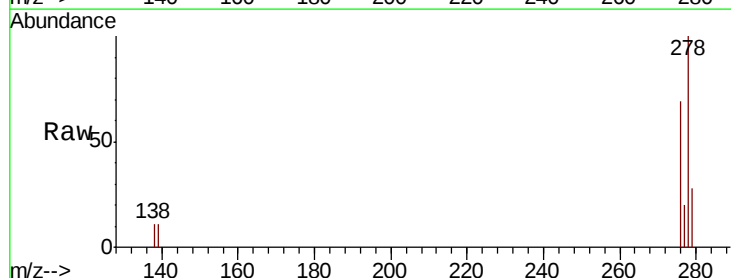
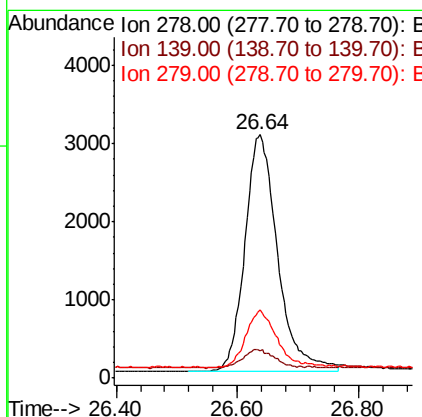
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#38
Dibenzo(a,h)anthracene
Concen: 0.378 ng
RT: 26.64 min Scan# 2972
Delta R.T. -0.00 min
Lab File: BE100020.D
Acq: 14 Jun 2019 13:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	11.5	7.8	11.8
279	28.3	20.0	30.0





#39

Benzo(a,h,i)perylene

Concen: 0.382 ng

RT: 27.43 min Scan# 3195

Delta R.T. -0.00 min

Lab File: BE100020.D

Acq: 14 Jun 2019 13:17

Instrument :

BNA_E

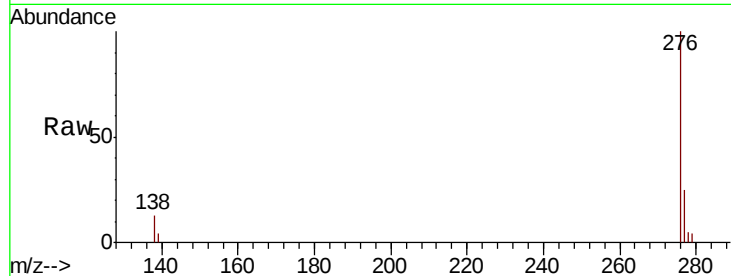
ClientSampleId :

BP-TT-AOC22-MW10-20190609MSD

Tot Ion:	276	Resp:	11949
Ion Ratio	Lower	Upper	
276	100		
277	25.0	19.5	29.3
138	12.6	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

