

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
 Data File : BE098971.D
 Acq On : 15 Mar 2019 13:29
 Operator : JU/SJ
 Sample : K1882-10MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190312MSD

Manual Integrations
 APPROVED

Sohil
 3/18/2019 3:06:42 PM

Quant Time: Mar 18 06:50:13 2019

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

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Mar 15 05:31:33 2019

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	858	0.40	ng	0.00
7) Naphthalene-d8	10.59	136	3674	0.40	ng	0.00
13) Acenaphthene-d10	14.46	164	2370	0.40	ng	0.00
19) Phenanthrene-d10	17.21	188	5891	0.40	ng	0.00
27) Chrysene-d12	21.39	240	7003	0.40	ng	-0.01
34) Perylene-d12	23.89	264	6493	0.40	ng	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	5.40	112	368	0.14	ng	0.01
5) Phenol-d6	7.01	99	286	0.08	ng	0.02
8) Nitrobenzene-d5	8.98	82	1490	0.39	ng	0.01
11) 2-Methylnaphthalene-d10	12.19	152	2368m	0.35	ng	0.00
14) 2,4,6-Tribromophenol	15.97	330	487	0.41	ng	0.00
15) 2-Fluorobiphenyl	13.09	172	4890	0.50	ng	0.00
25) Fluoranthene-d10	19.24	212	32214	0.34	ng	0.00
29) Terphenyl-d14	19.84	244	7375	0.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.28	88	804	0.504	ng	# 76
3) n-Nitrosodimethylamine	3.66	42	174	0.081	ng	# 88
6) bis(2-Chloroethyl)ether	7.23	93	719	0.257	ng	# 60
9) Naphthalene	10.64	128	16051	0.381	ng	99
10) Hexachlorobutadiene	10.91	225	901	0.324	ng	98
12) 2-Methylnaphthalene	12.27	142	2604	0.382	ng	99
16) Acenaphthylene	14.18	152	4424	0.363	ng	99
17) Acenaphthene	14.53	154	2700	0.373	ng	98
18) Fluorene	15.50	166	3789	0.363	ng	99
20) 4-Bromophenyl-phenylether	16.41	248	1250	0.392	ng	# 78
21) Hexachlorobenzene	16.52	284	1410	0.371	ng	97
22) Pentachlorophenol	16.88	266	737	0.835	ng	86
23) Phenanthrene	17.25	178	6258	0.374	ng	99
24) Anthracene	17.35	178	5031	0.352	ng	99
26) Fluoranthene	19.28	202	8270	0.350	ng	100
28) Pyrene	19.63	202	8542	0.399	ng	100
30) Benzo(a)anthracene	21.38	228	7434	0.340	ng	98
31) Chrysene	21.44	228	8853	0.379	ng	99
32) Bis(2-ethylhexyl)phthalate	21.29	149	16110	0.346	ng	99
33) Indeno(1,2,3-cd)pyrene	26.54	276	7333	0.297	ng	99
35) Benzo(b)fluoranthene	23.13	252	7825m	0.367	ng	
36) Benzo(k)fluoranthene	23.18	252	9127	0.408	ng	98
37) Benzo(a)pyrene	23.80	252	8079	0.395	ng	# 92
38) Dibenzo(a,h)anthracene	26.56	278	6611m	0.341	ng	
39) Benzo(g,h,i)perylene	27.35	276	7046	0.348	ng	96

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

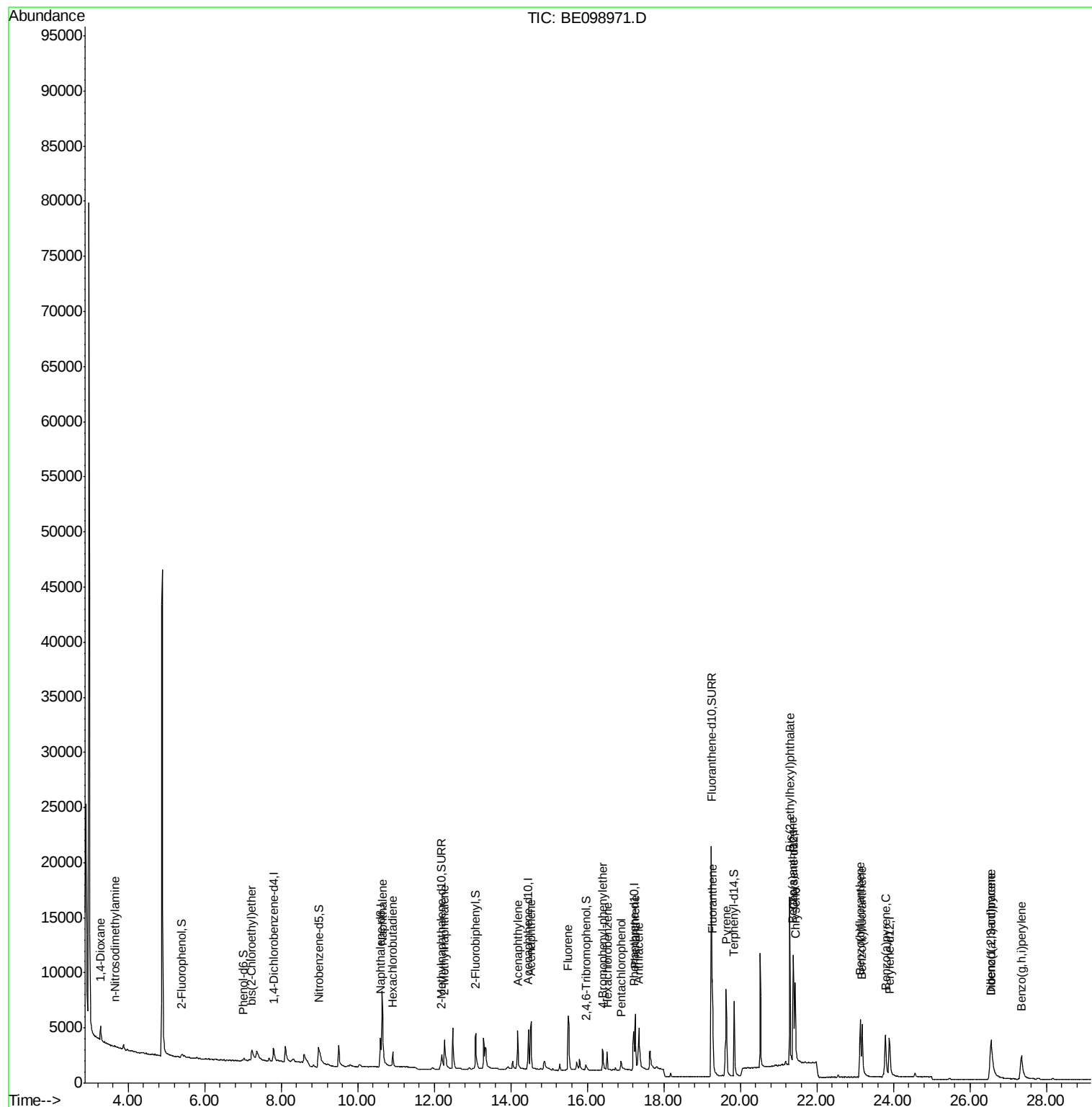
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE031519\
Data File : BE098971.D
Acq On : 15 Mar 2019 13:29
Operator : JU/SJ
Sample : K1882-10MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

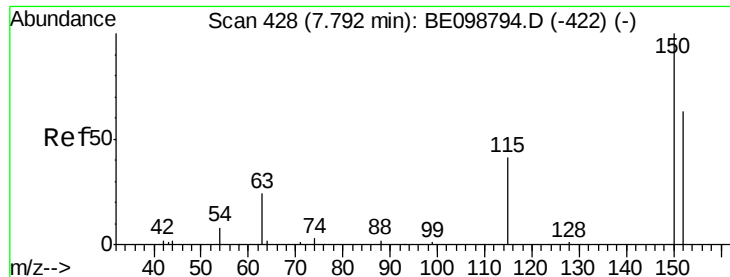
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MSD

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3/18/2019 3:06:42 PM

Quant Time: Mar 18 06:50:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE030619.M
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#1

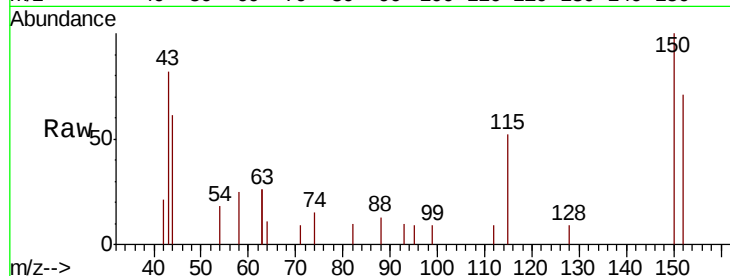
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.79 min Scan# 428
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MSD

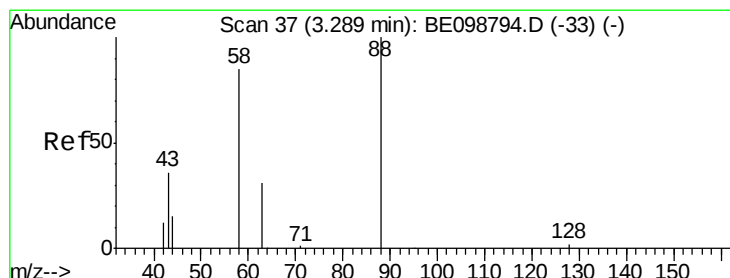
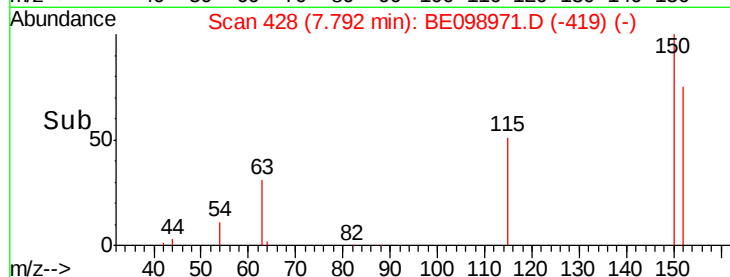
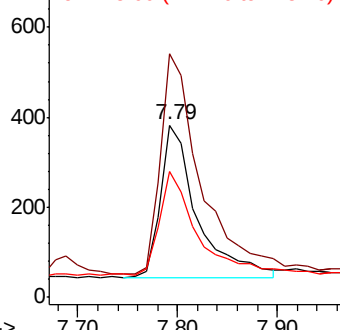
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.6	122.5	183.7
115	73.3	57.4	86.2

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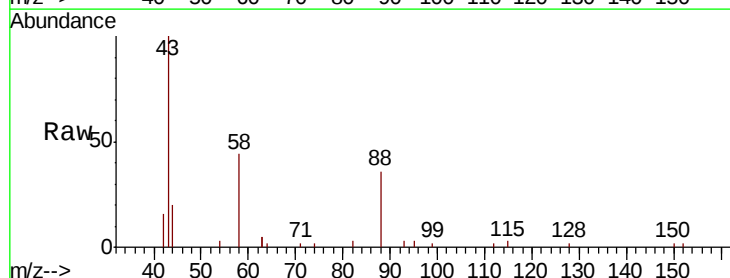
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



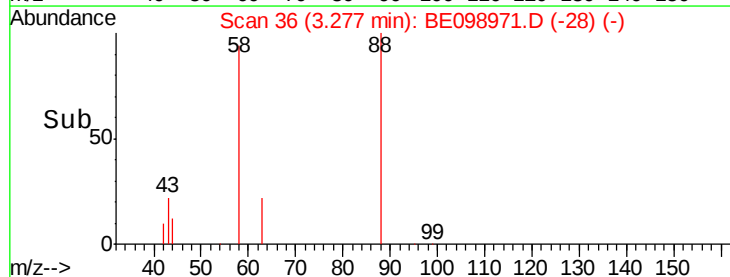
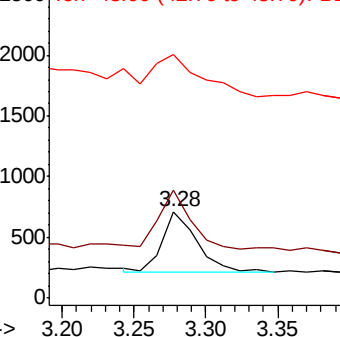
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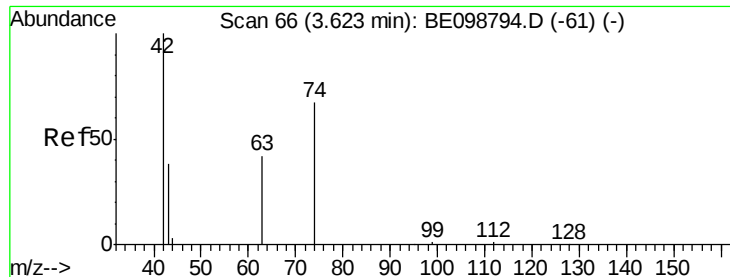
1,4-Dioxane
Concen: 0.504 ng
RT: 3.28 min Scan# 36
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.5	75.8	113.6
43	95.5	41.8	62.8#



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





#3

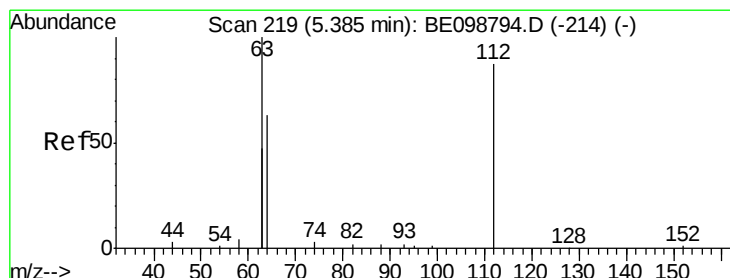
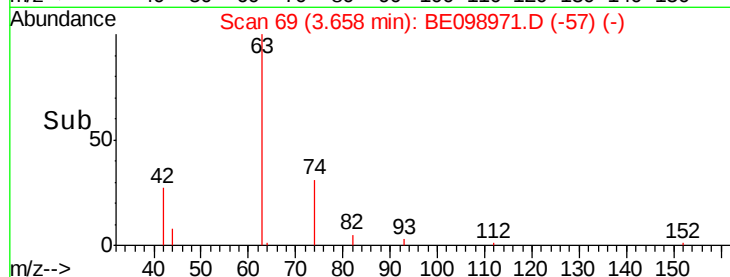
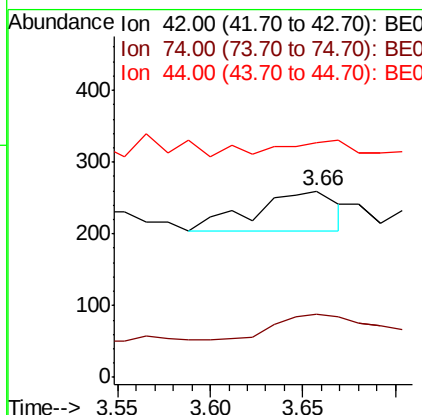
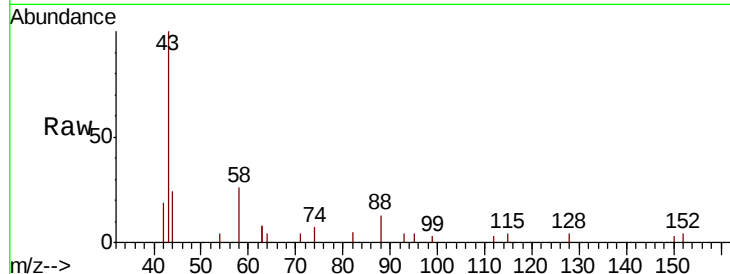
n-Nitrosodimethylamine
 Concen: 0.081 ng
 RT: 3.66 min Scan# 69
 Delta R.T. 0.03 min
 Lab File: BE098971.D
 Acq: 15 Mar 2019 13:29

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190312MSD

Tot Ion:	42	Resp:	174
Ion	Ratio	Lower	Upper
42	100		
74	60.9	57.0	85.4
44	24.1	0.0	0.0#

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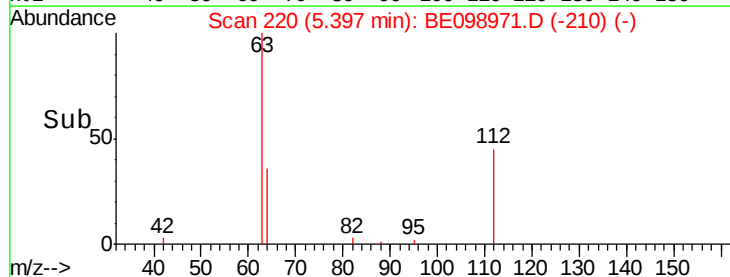
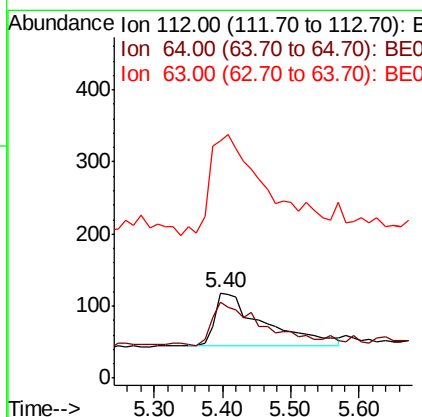
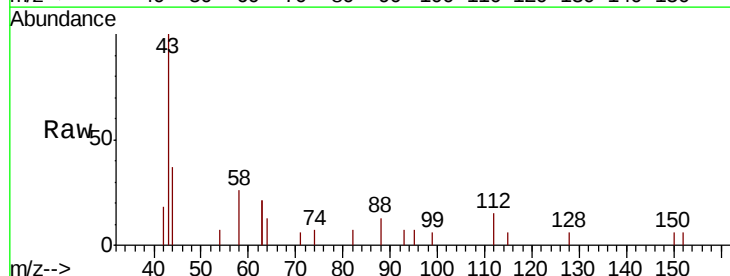
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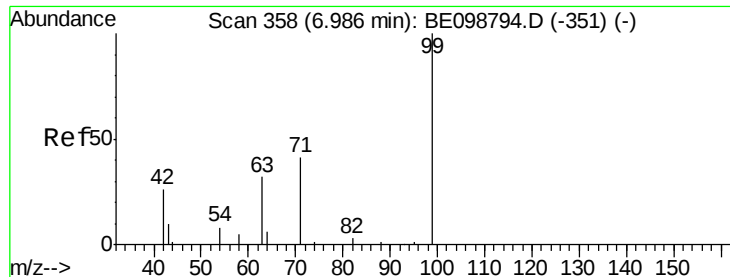


#4

2-Fluorophenol
 Concen: 0.143 ng
 RT: 5.40 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: BE098971.D
 Acq: 15 Mar 2019 13:29

Tgt Ion:	112	Resp:	368
Ion	Ratio	Lower	Upper
112	100		
64	85.1	57.9	86.9
63	224.2	158.3	237.5





#5

Phenol-d6

Concen: 0.079 ng

RT: 7.01 min Scan# 360

Delta R.T. 0.02 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Instrument :

BNA_E

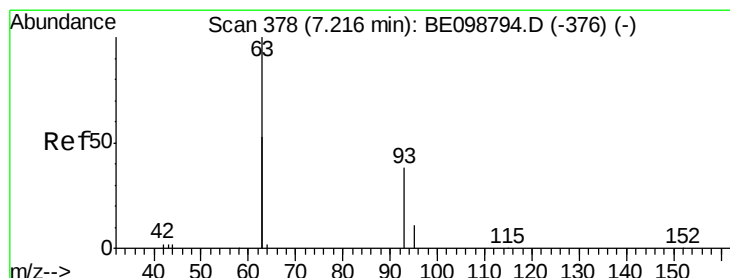
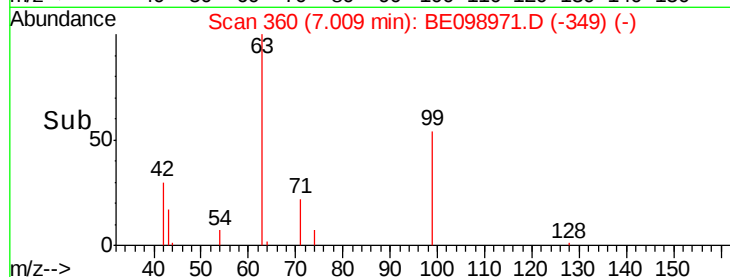
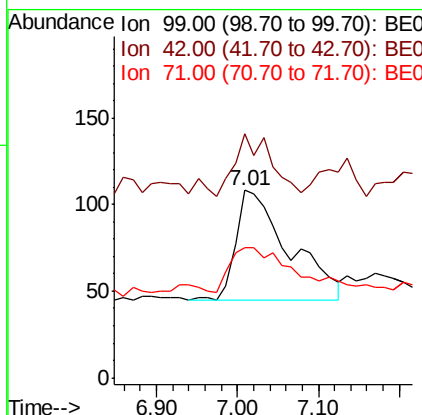
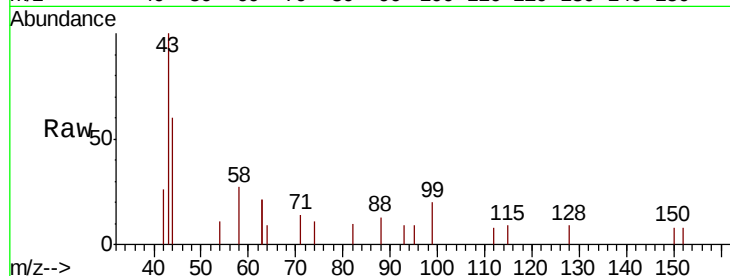
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:	99	Resp:	286
Ion	Ratio	Lower	Upper
99	100		
42	38.8	24.2	36.2#
71	54.2	35.7	53.5#

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#6

bis(2-Chloroethyl)ether

Concen: 0.257 ng

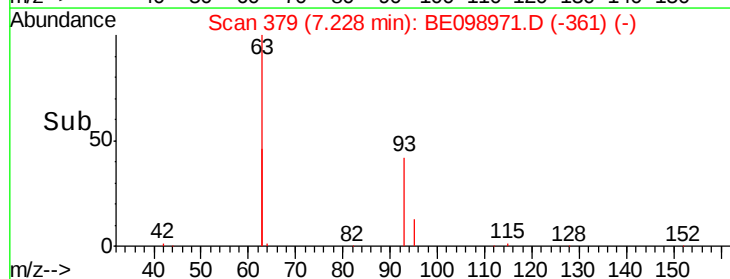
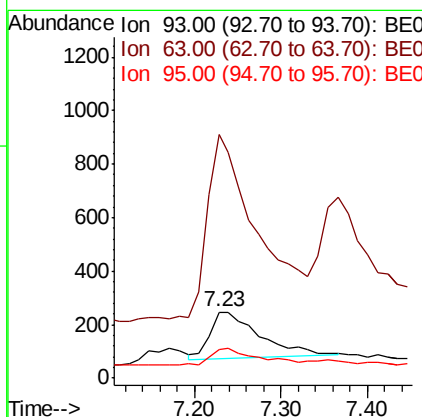
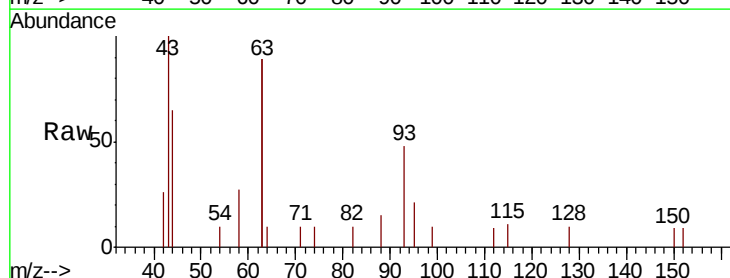
RT: 7.23 min Scan# 379

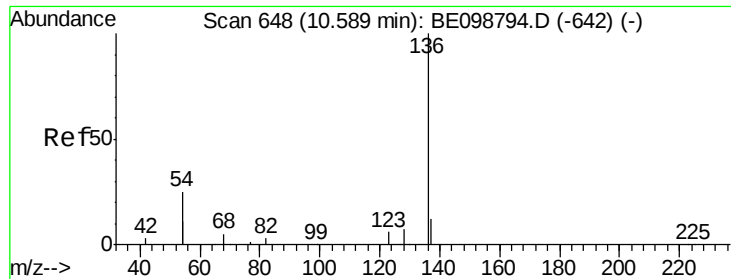
Delta R.T. 0.01 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Tgt Ion:	93	Resp:	719
Ion	Ratio	Lower	Upper
93	100		
63	395.8	247.5	371.3#
95	32.0	21.8	32.8





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.59 min Scan# 648

Delta R.T. -0.00 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Instrument :

BNA_E

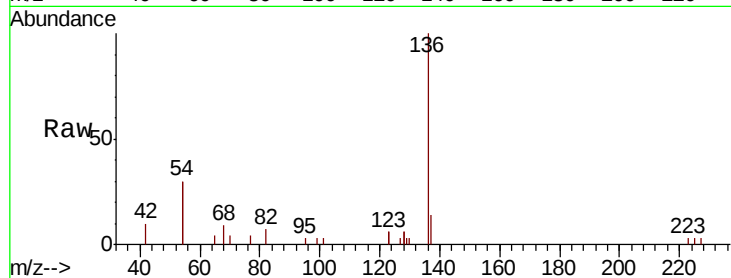
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

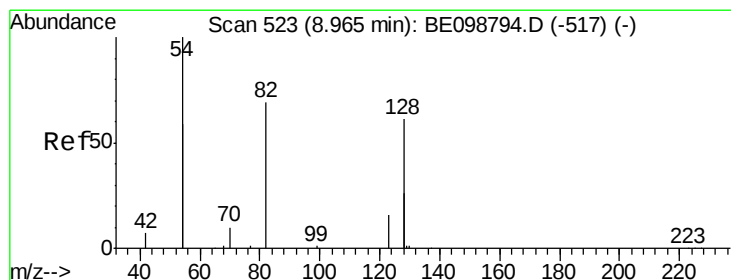
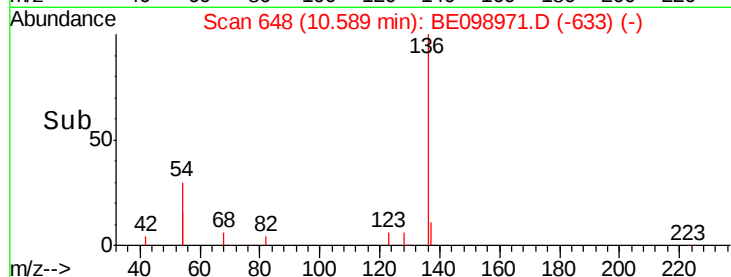
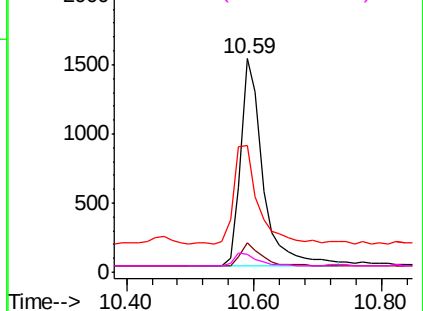
Tot Ion	Ratio	Lower	Upper
136	100		
137	13.5	11.4	17.0
54	59.2	39.3	58.9#
68	8.6	6.7	10.1

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BE0
Ion 68.00 (67.70 to 68.70): BE0



#8

Nitrobenzene-d5

Concen: 0.387 ng

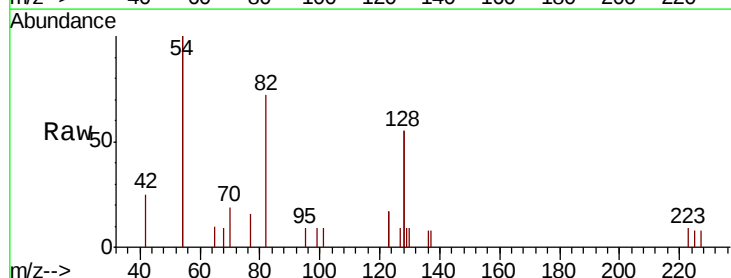
RT: 8.98 min Scan# 524

Delta R.T. 0.01 min

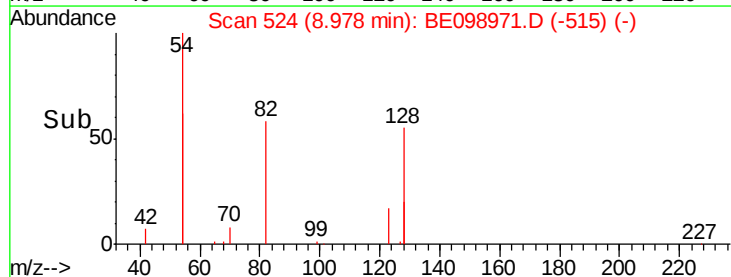
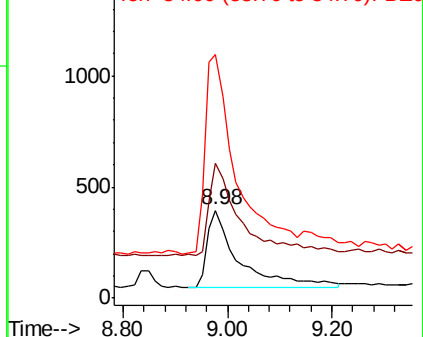
Lab File: BE098971.D

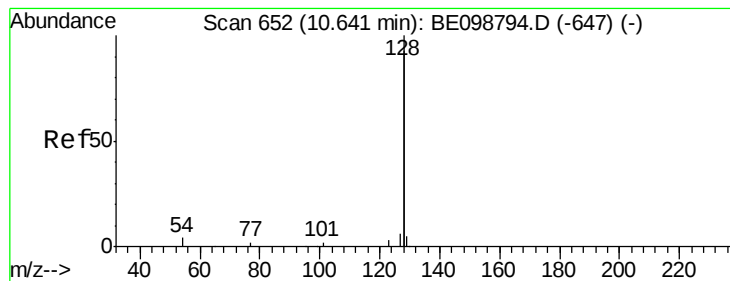
Acq: 15 Mar 2019 13:29

Tgt Ion	Ratio	Lower	Upper
82	100		
128	153.4	123.8	185.8
54	277.5	203.4	305.2



Abundance Ion 82.00 (81.70 to 82.70): BE0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BE0





#9

Naphthalene

Concen: 0.381 ng

RT: 10.64 min Scan# 652

Delta R.T. -0.00 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Instrument :

BNA_E

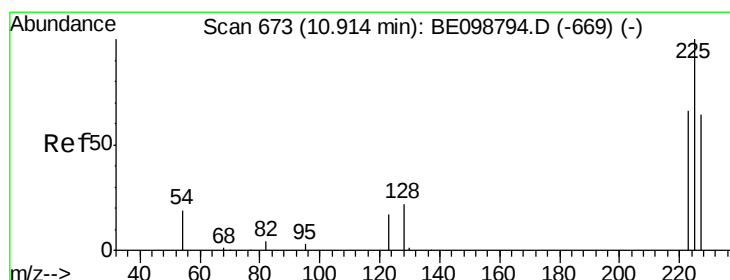
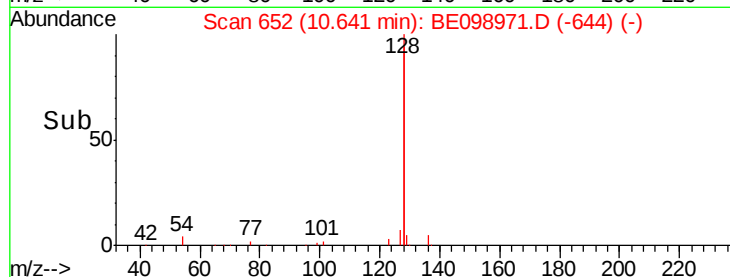
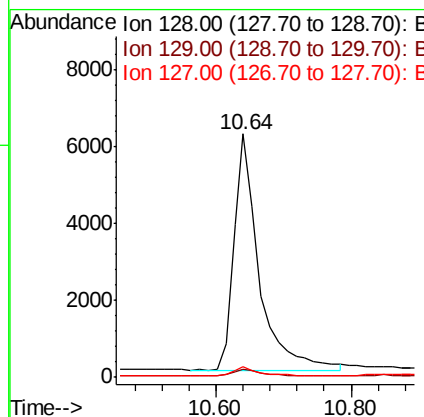
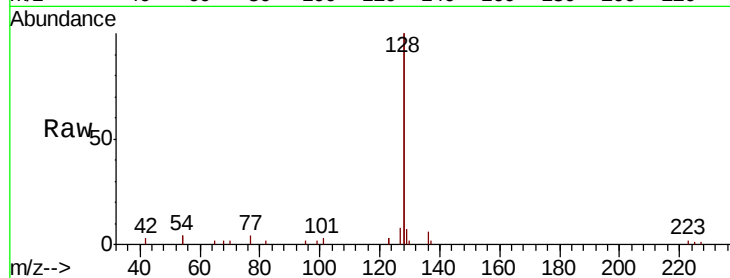
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	3.5	2.6	4.0
127	4.1	3.1	4.7

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.324 ng

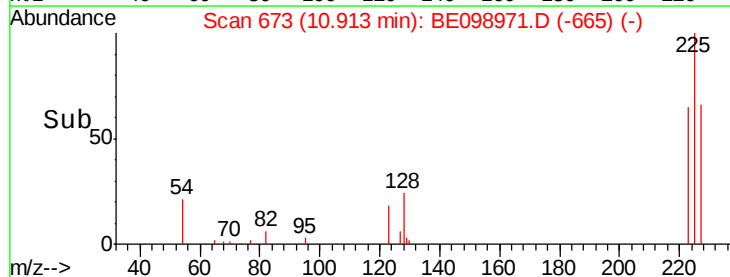
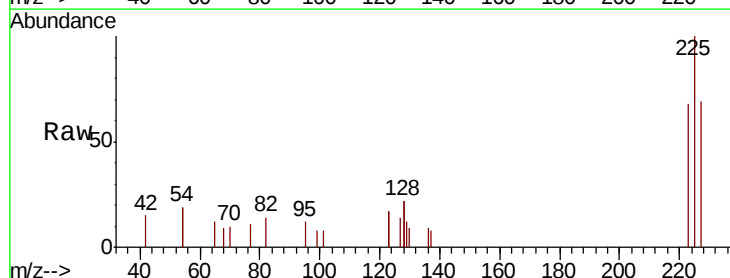
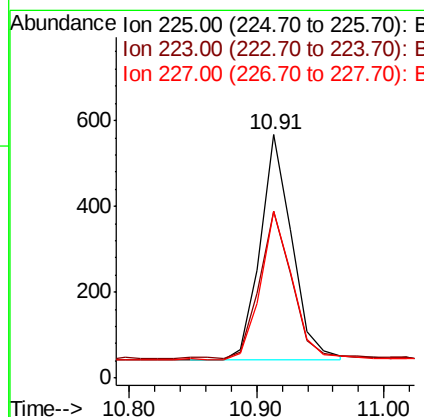
RT: 10.91 min Scan# 673

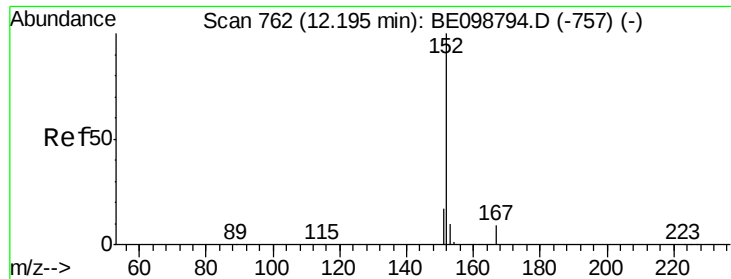
Delta R.T. -0.00 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.0	51.1	76.7
227	65.6	51.6	77.4





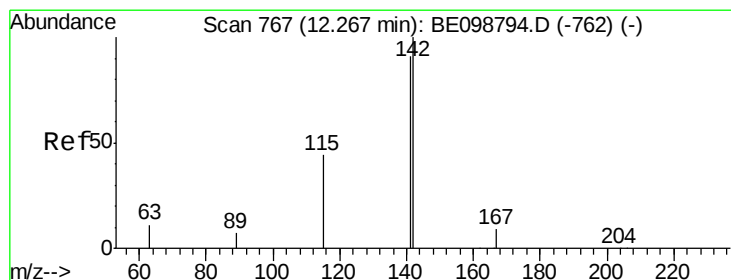
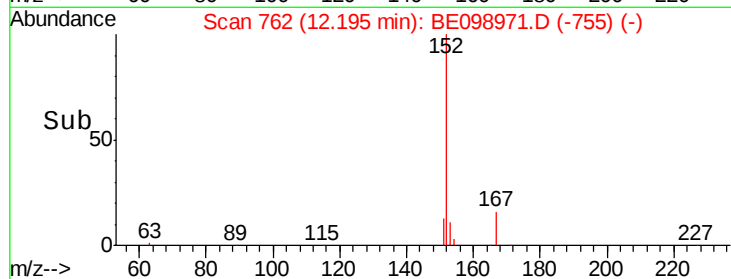
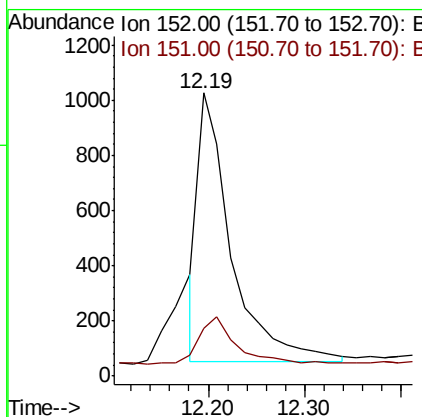
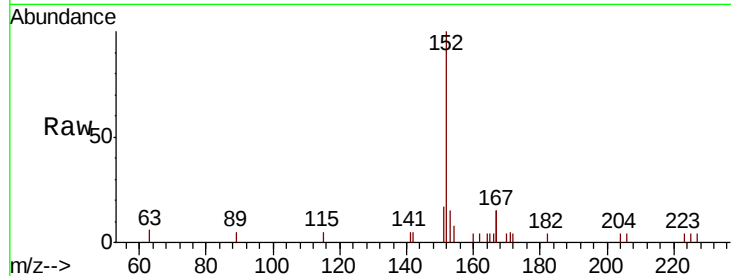
#11
2-Methylnaphthalene-d10
Concen: 0.349 ng m
RT: 12.19 min Scan# 762
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.5	24.7

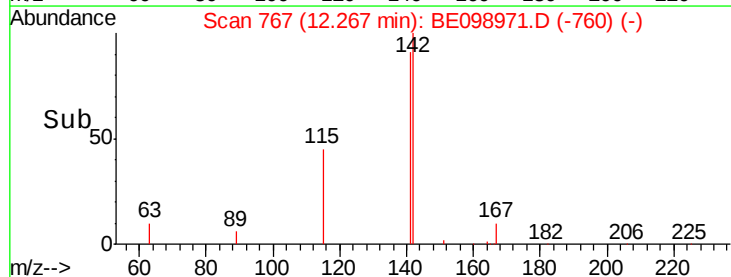
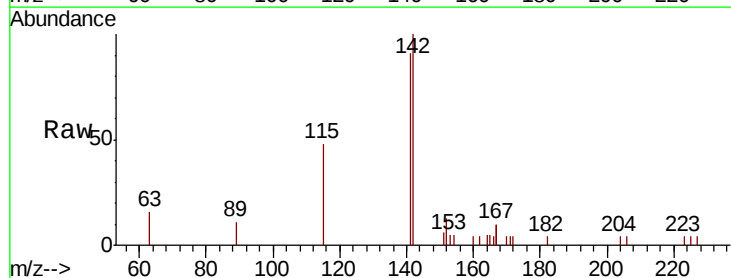
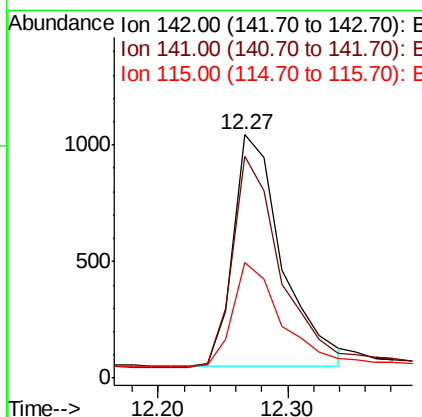
Manual Integrations
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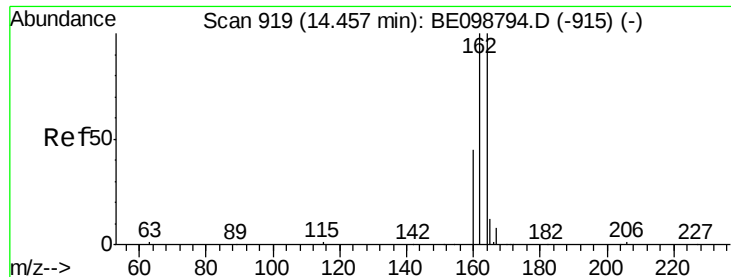
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#12
2-Methylnaphthalene
Concen: 0.382 ng
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.6	108.8
115	47.5	37.4	56.2





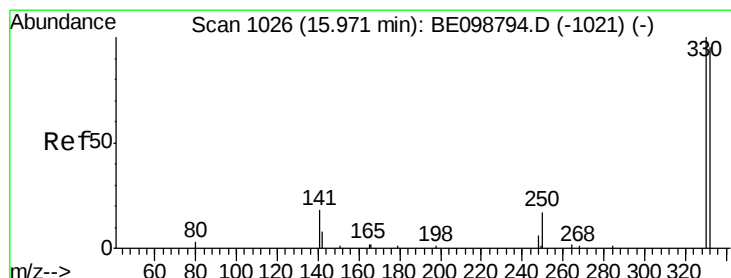
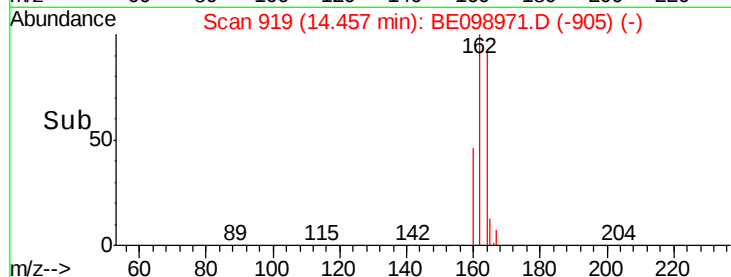
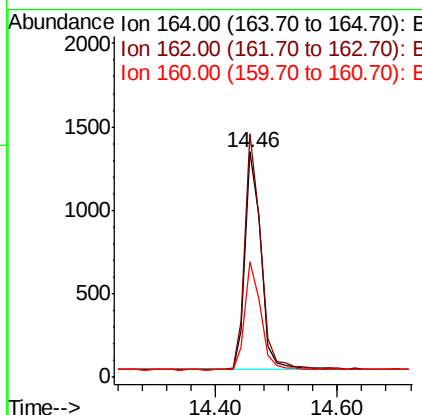
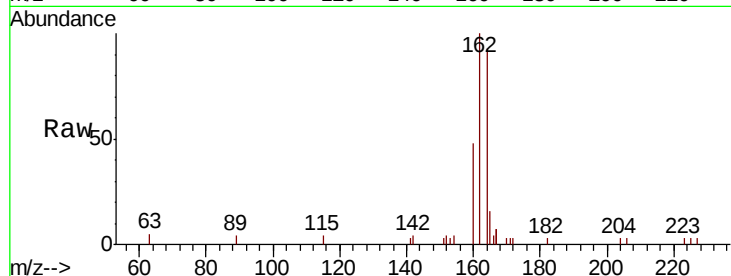
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.46 min Scan# 919
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.9	80.2	120.2
160	51.4	37.8	56.8

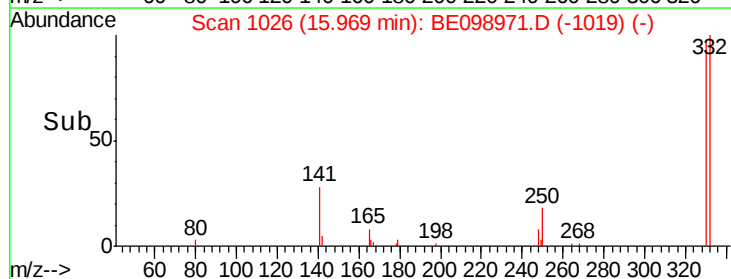
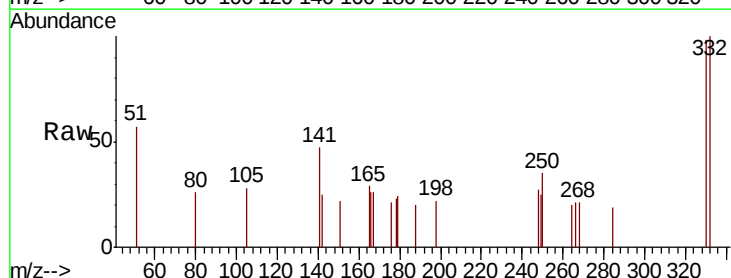
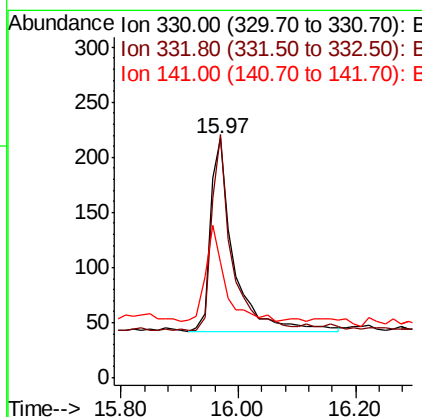
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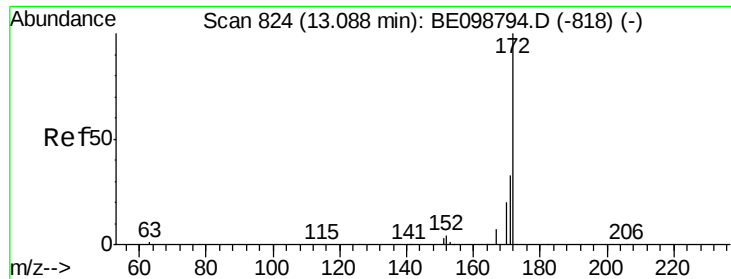
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#14
2,4,6-Tribromophenol
Concen: 0.407 ng
RT: 15.97 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion	Ratio	Lower	Upper
330	100		
332	85.8	77.6	116.4
141	40.7	31.0	46.4





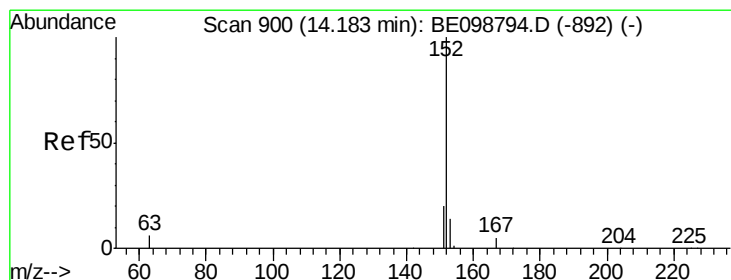
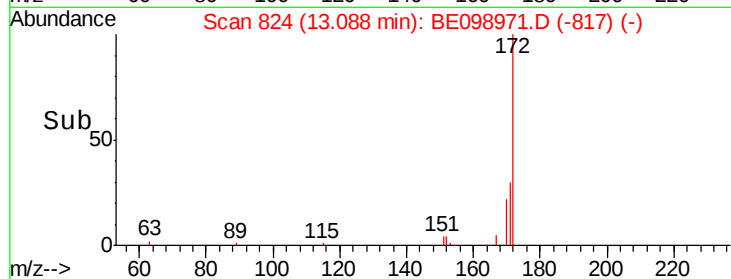
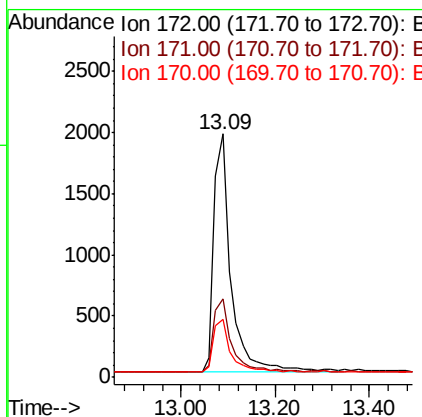
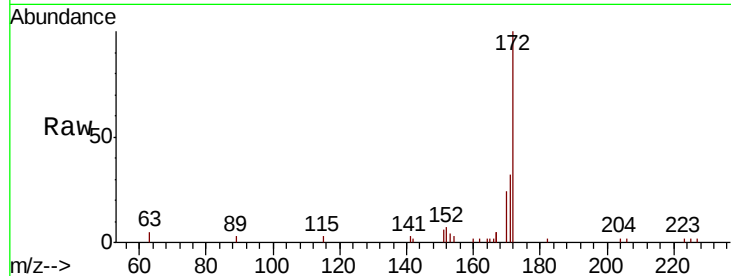
#15
2-Fluorobiphenyl
Concen: 0.498 ng
RT: 13.09 min Scan# 824
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	32.0	28.0	42.0
170	24.0	17.7	26.5

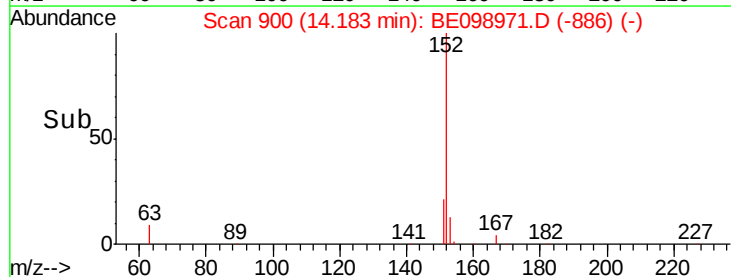
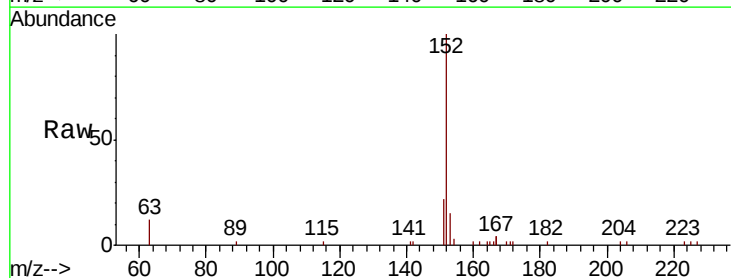
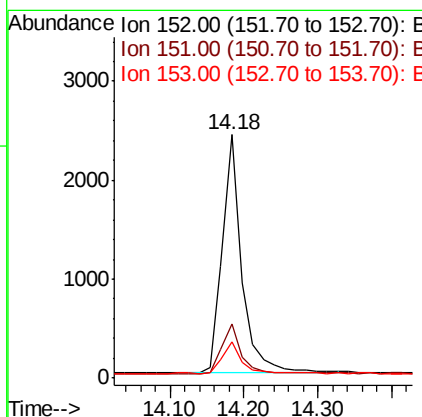
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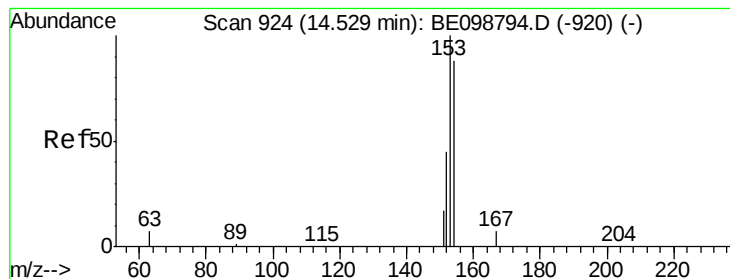
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#16
Acenaphthylene
Concen: 0.363 ng
RT: 14.18 min Scan# 900
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.6
153	13.6	11.2	16.8





#17

Acenaphthene

Concen: 0.373 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Instrument :

BNA_E

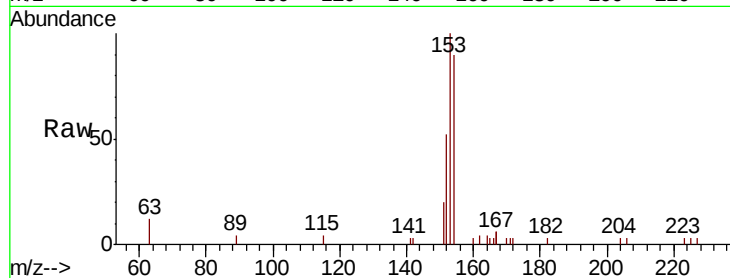
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

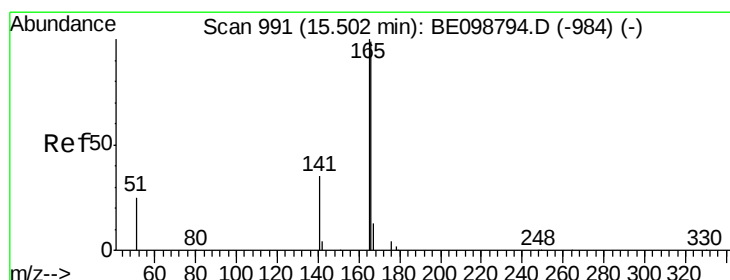
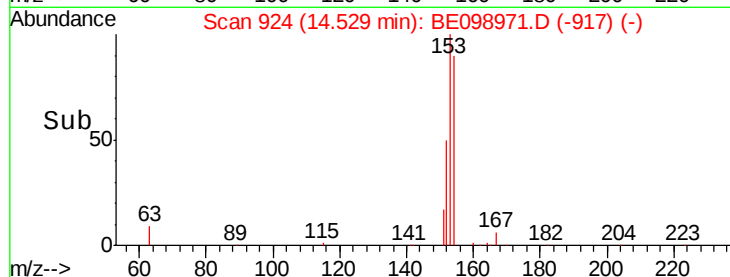
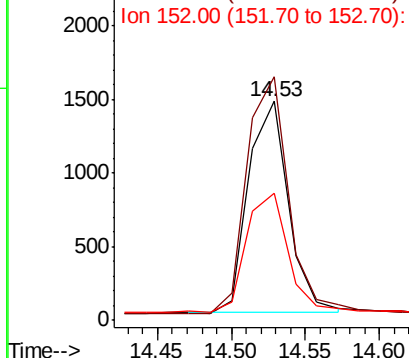
Tot Ion:	154	Resp:	2700
Ion Ratio	Lower	Upper	
154	100		
153	115.7	94.2	141.4
152	58.6	45.0	67.4

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



#18

Fluorene

Concen: 0.363 ng

RT: 15.50 min Scan# 991

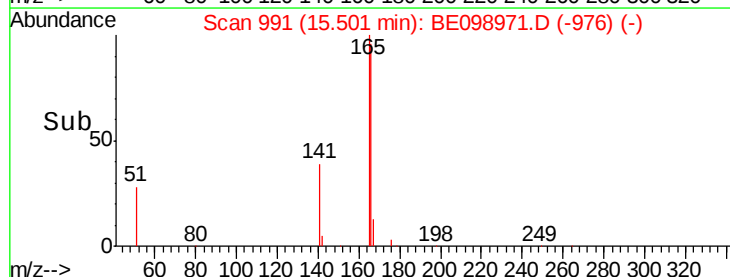
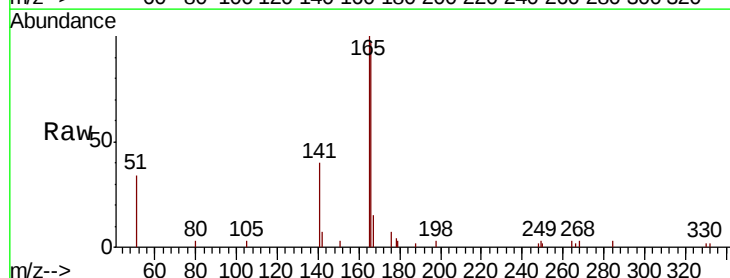
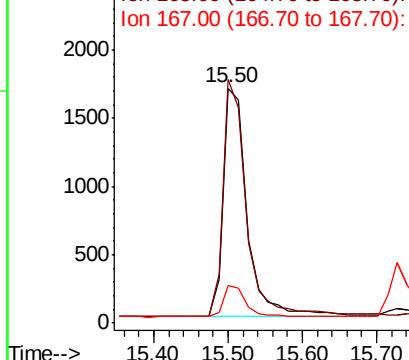
Delta R.T. -0.00 min

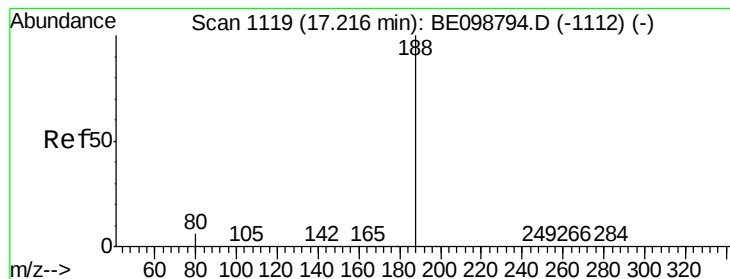
Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Tgt Ion:	166	Resp:	3789
Ion Ratio	Lower	Upper	
166	100		
165	99.8	79.3	118.9
167	12.8	10.5	15.7

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





#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.21 min Scan# 1119

Delta R.T. -0.00 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Instrument :

BNA_E

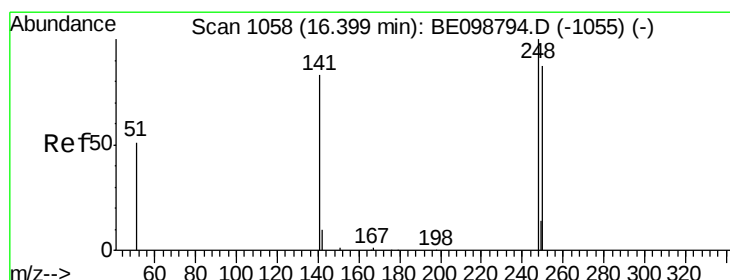
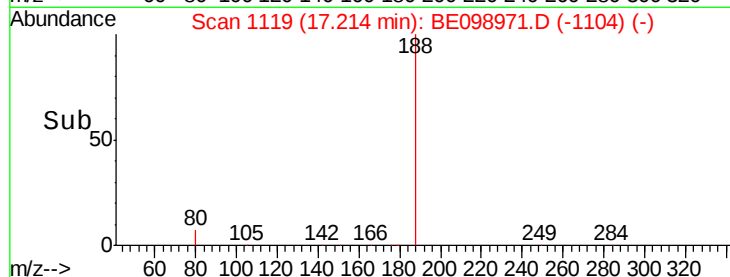
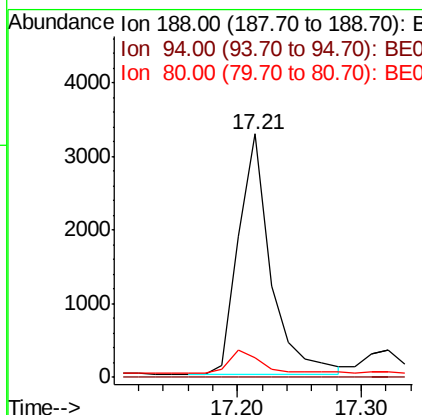
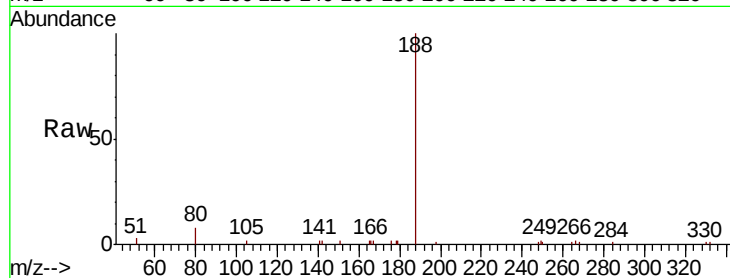
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:	188	Resp:	5891
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.0	6.3	9.5

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#20

4-Bromophenyl-phenylether

Concen: 0.392 ng

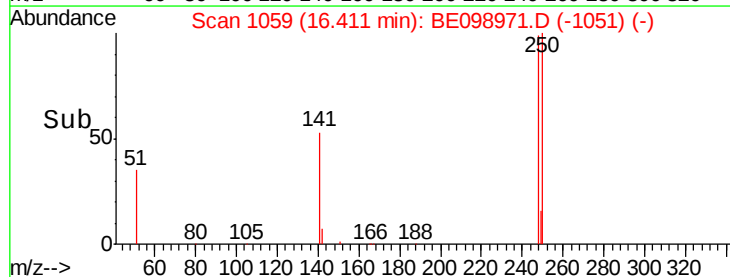
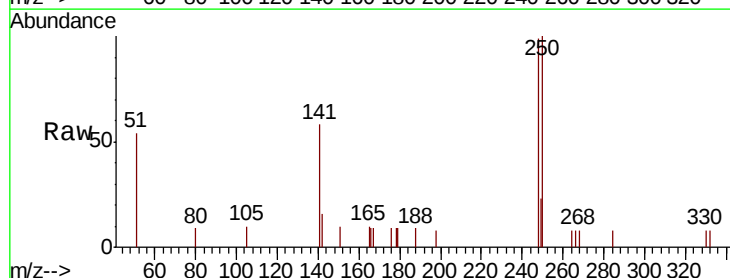
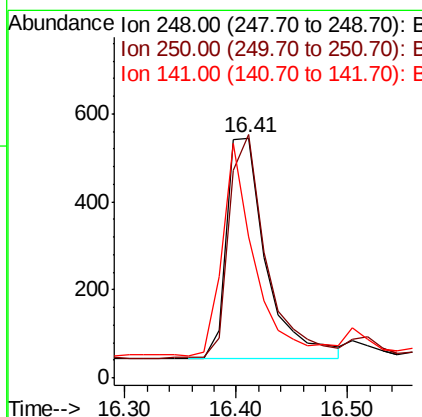
RT: 16.41 min Scan# 1059

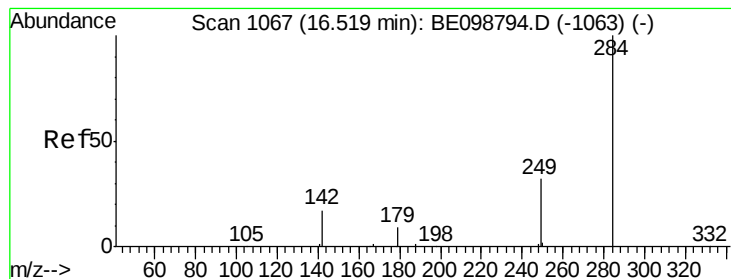
Delta R.T. 0.01 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Tgt Ion:	248	Resp:	1250
Ion Ratio	Lower	Upper	
248	100		
250	101.5	70.6	105.8
141	58.5	68.6	102.8#





#21

Hexachlorobenzene

Concen: 0.371 ng

RT: 16.52 min Scan# 1067

Delta R.T. -0.00 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Instrument :

BNA_E

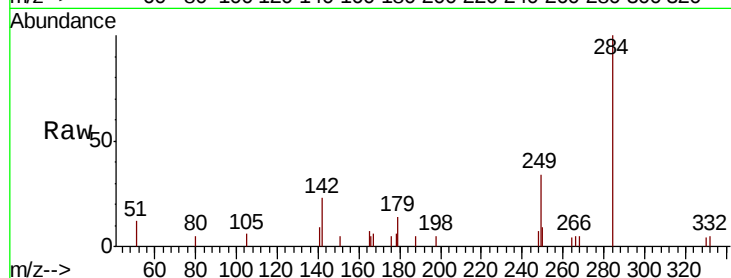
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

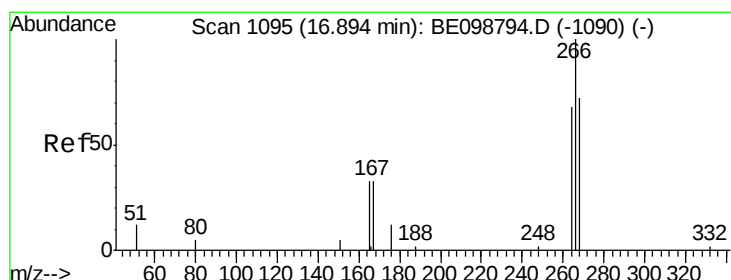
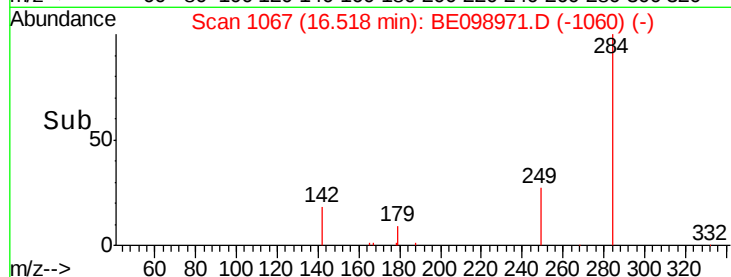
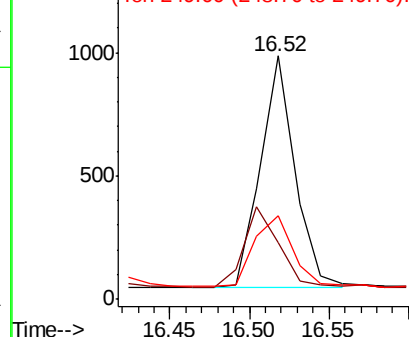
Tot Ion:	284	Resp:	1410
Ion Ratio	Lower	Upper	
284	100		
142	34.9	28.7	43.1
249	34.7	29.6	44.4

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



#22

Pentachlorophenol

Concen: 0.835 ng

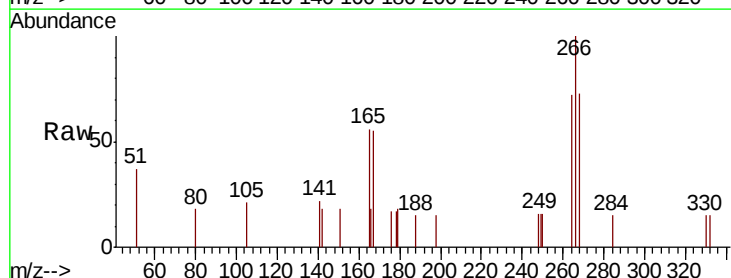
RT: 16.88 min Scan# 1094

Delta R.T. -0.01 min

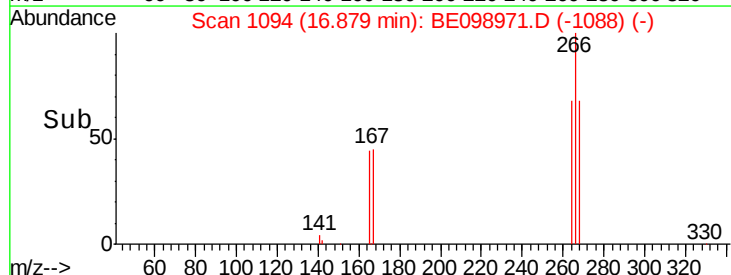
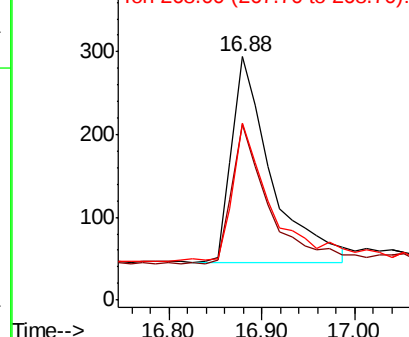
Lab File: BE098971.D

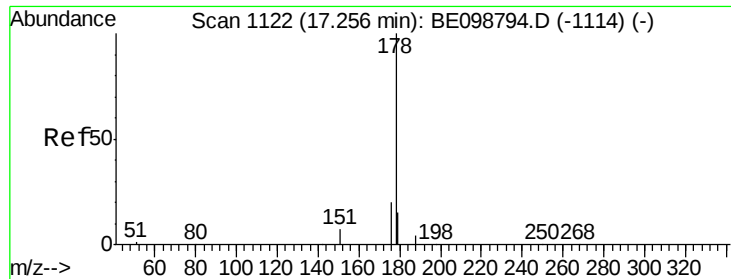
Acq: 15 Mar 2019 13:29

Tgt Ion:	266	Resp:	737
Ion Ratio	Lower	Upper	
266	100		
264	72.4	66.6	100.0
268	72.8	69.8	104.8



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: 0.374 ng

RT: 17.25 min Scan# 1122

Delta R.T. -0.00 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Instrument :

BNA_E

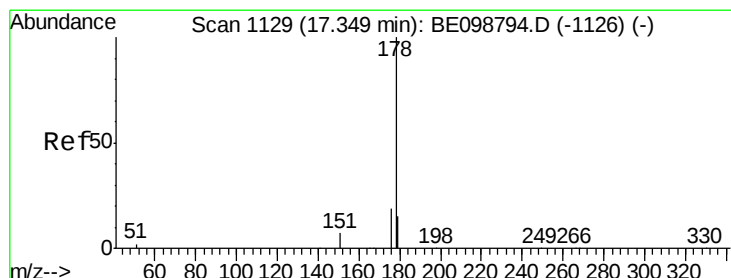
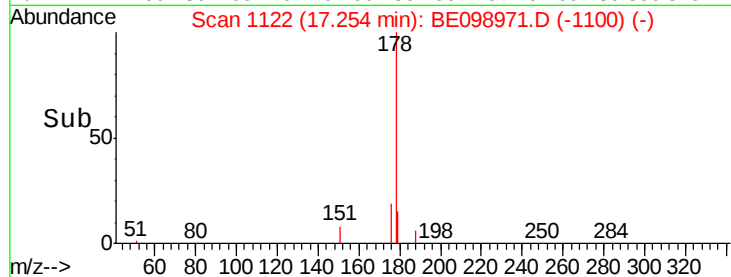
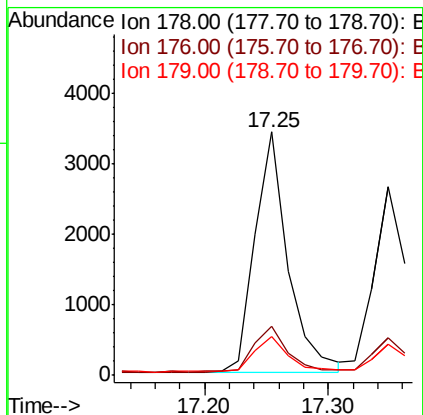
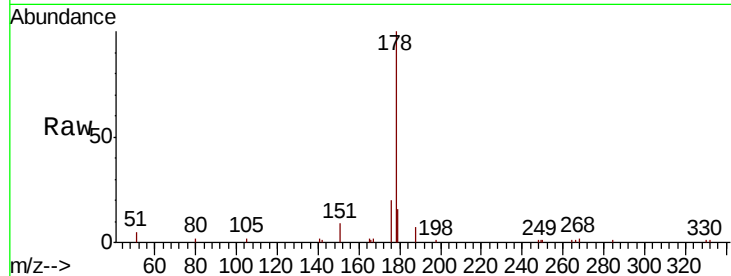
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion:178	Resp:	6258
Ion Ratio	Lower	Upper
178	100	
176	19.6	16.0 24.0
179	15.9	12.1 18.1

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#24

Anthracene

Concen: 0.352 ng

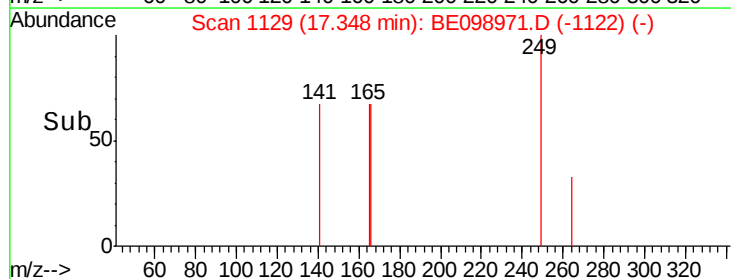
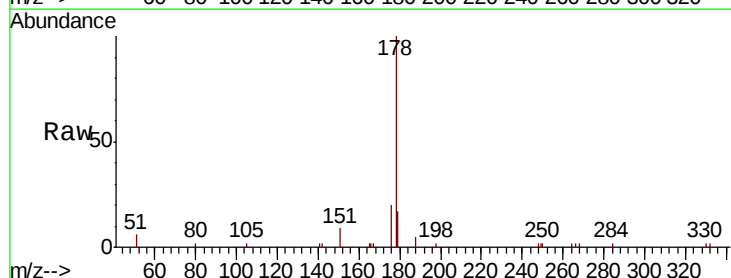
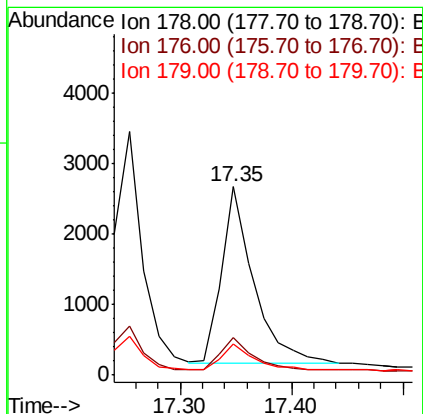
RT: 17.35 min Scan# 1129

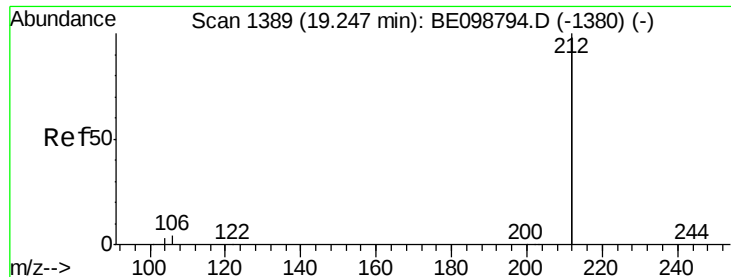
Delta R.T. -0.00 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Tgt Ion:178	Resp:	5031
Ion Ratio	Lower	Upper
178	100	
176	18.3	15.4 23.0
179	15.1	12.2 18.4





#25

Fluoranthene-d10

Concen: 0.343 ng

RT: 19.24 min Scan# 1388

Delta R.T. -0.01 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Instrument :

BNA_E

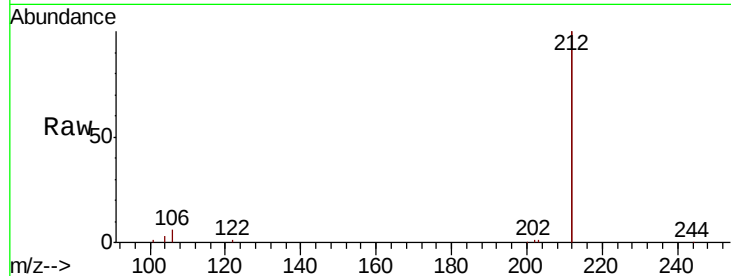
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

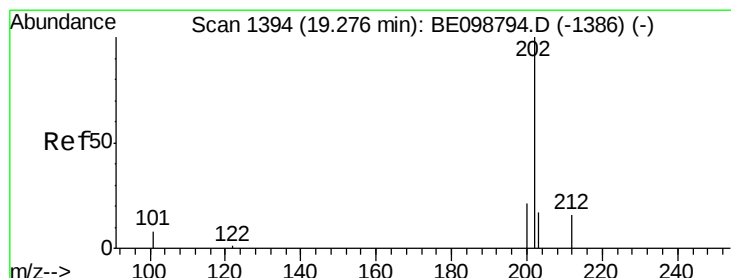
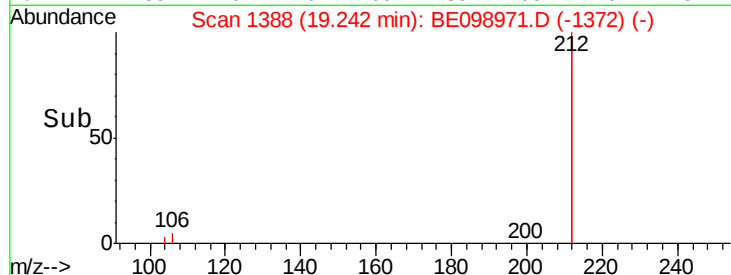
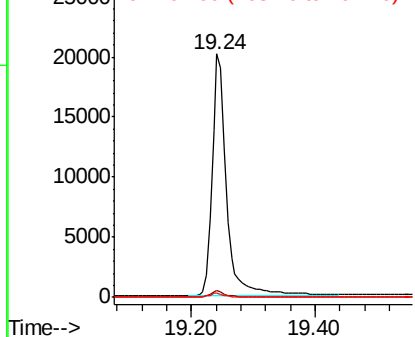
Tot Ion:	212	Resp:	32214
Ion Ratio	Lower	Upper	
212	100		
106	2.3	1.8	2.8
104	1.3	1.0	1.6

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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: 0.350 ng

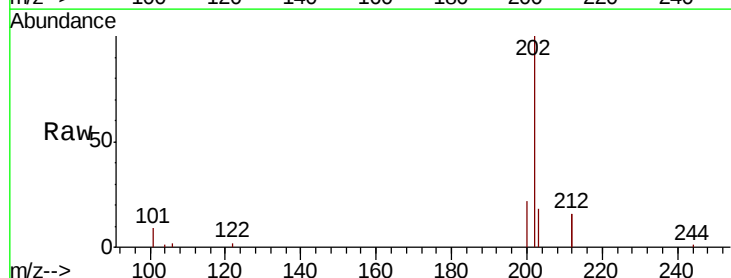
RT: 19.28 min Scan# 1394

Delta R.T. 0.00 min

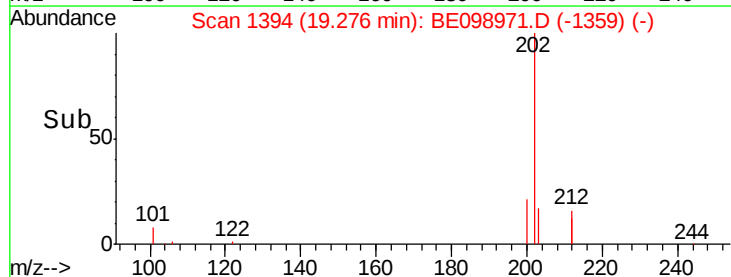
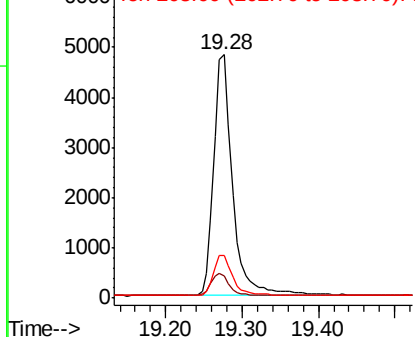
Lab File: BE098971.D

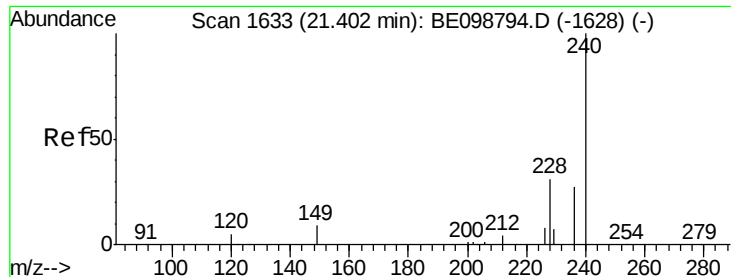
Acq: 15 Mar 2019 13:29

Tgt Ion:	202	Resp:	8270
Ion Ratio	Lower	Upper	
202	100		
101	9.3	7.3	10.9
203	16.9	13.4	20.2



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





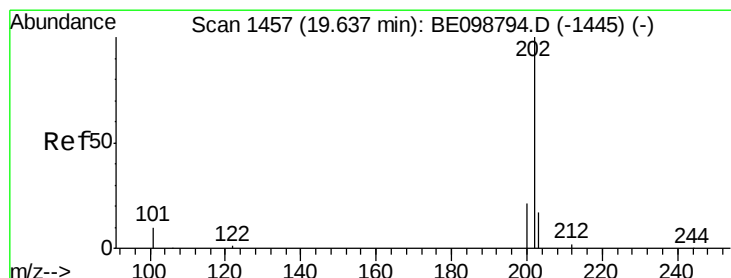
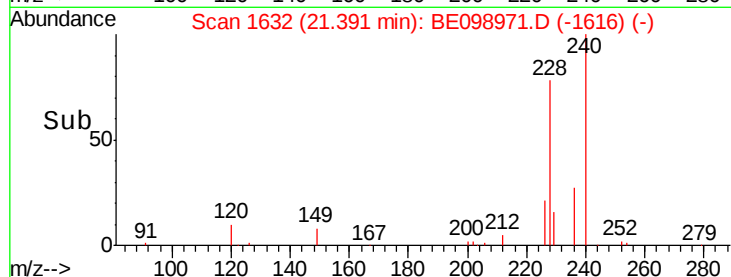
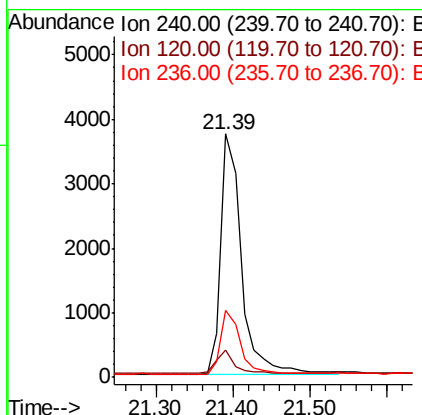
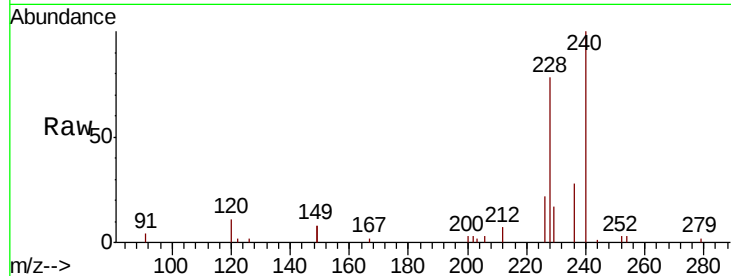
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.39 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.2	5.0	7.4#
236	27.7	22.7	34.1

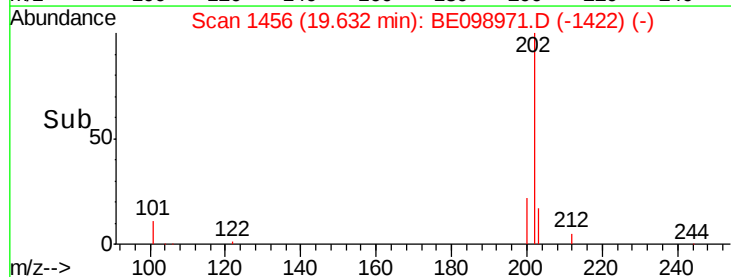
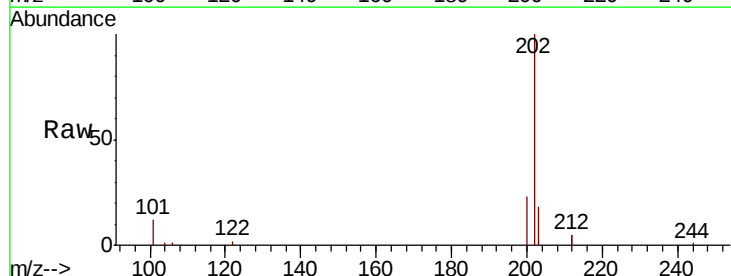
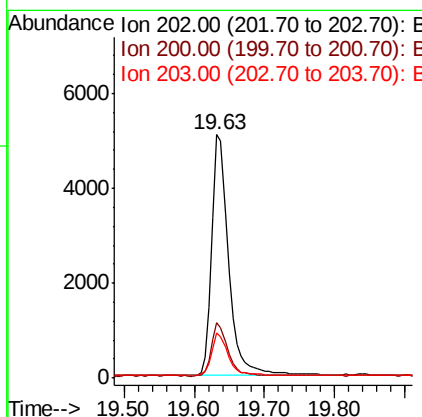
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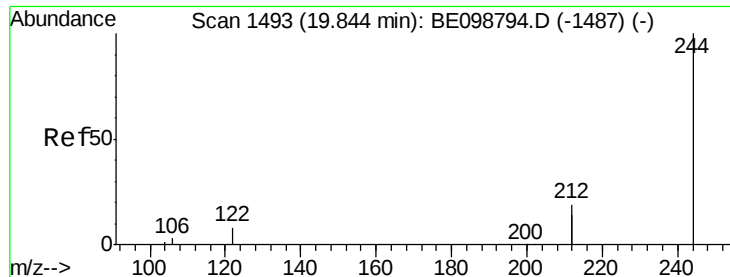
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#28
Pyrene
Concen: 0.399 ng
RT: 19.63 min Scan# 1456
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.0	25.6
203	17.7	14.2	21.2





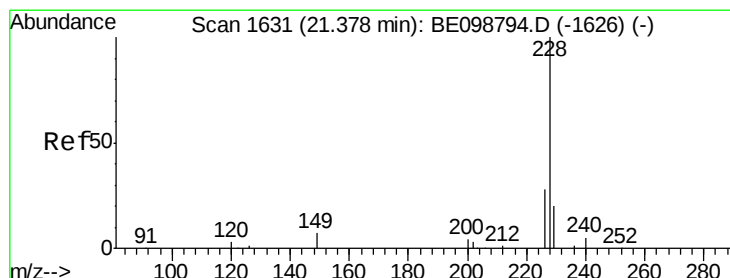
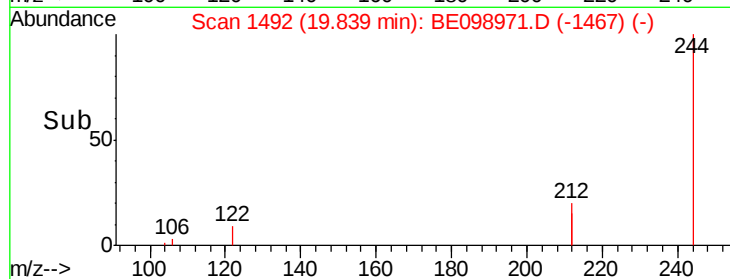
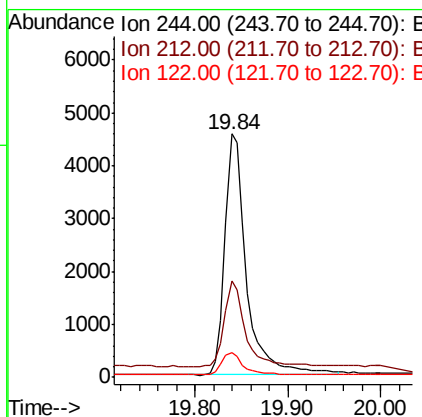
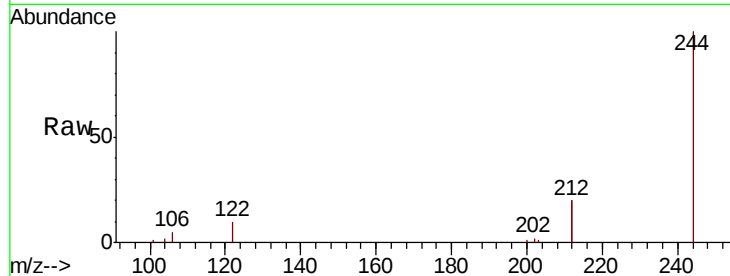
#29
 Terphenyl-d14
 Concen: 0.433 ng
 RT: 19.84 min Scan# 1492
 Delta R.T. -0.01 min
 Lab File: BE098971.D
 Acq: 15 Mar 2019 13:29

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190312MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	39.6	29.4	44.2
122	10.0	7.1	10.7

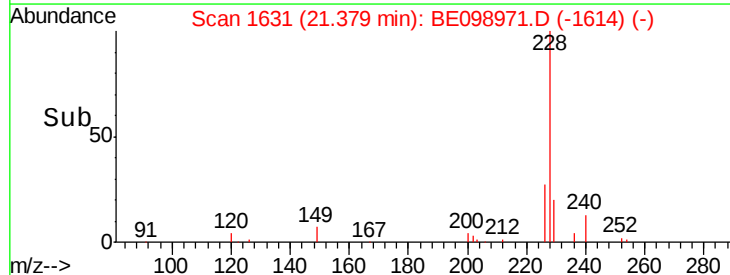
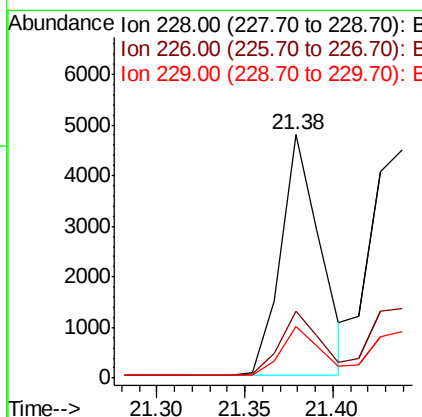
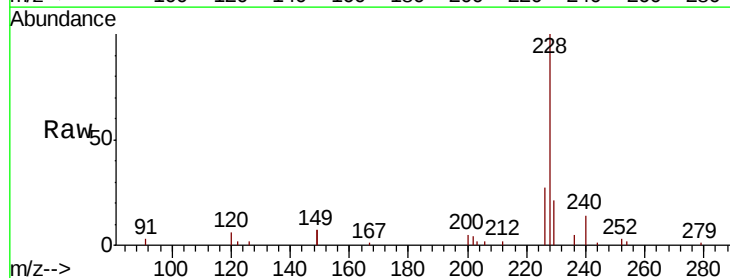
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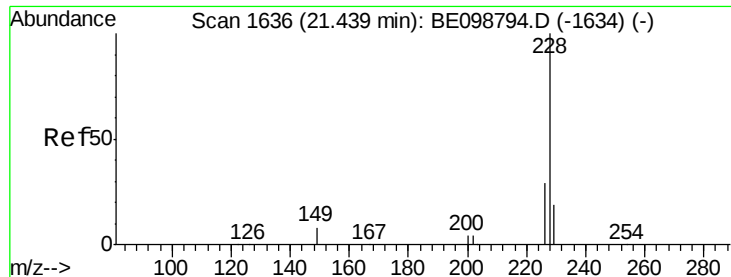
Sohil
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#30
 Benzo(a)anthracene
 Concen: 0.340 ng
 RT: 21.38 min Scan# 1631
 Delta R.T. 0.00 min
 Lab File: BE098971.D
 Acq: 15 Mar 2019 13:29

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.0	34.4
229	21.0	16.5	24.7





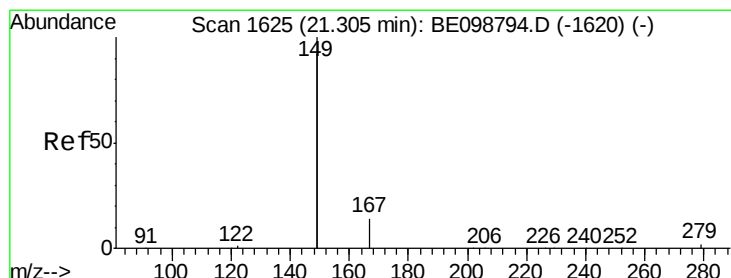
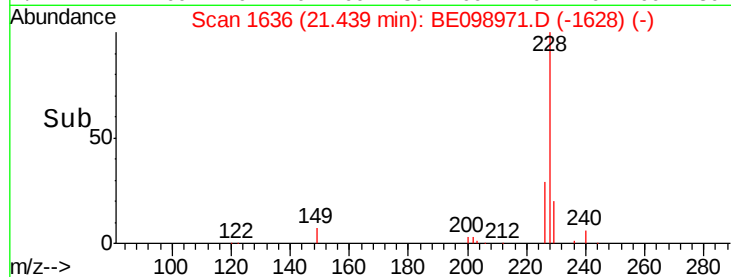
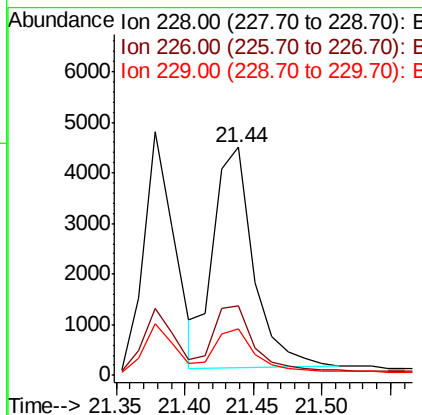
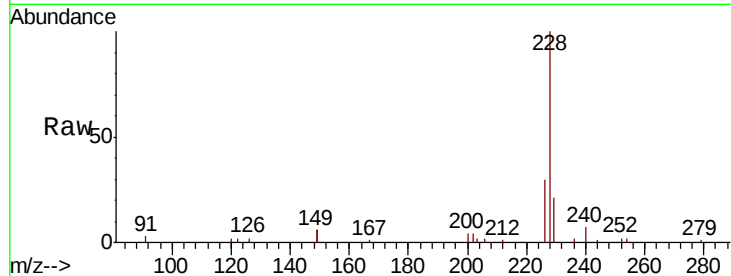
#31
Chrysene
Concen: 0.379 ng
RT: 21.44 min Scan# 1636
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.7	35.5
229	20.5	16.1	24.1

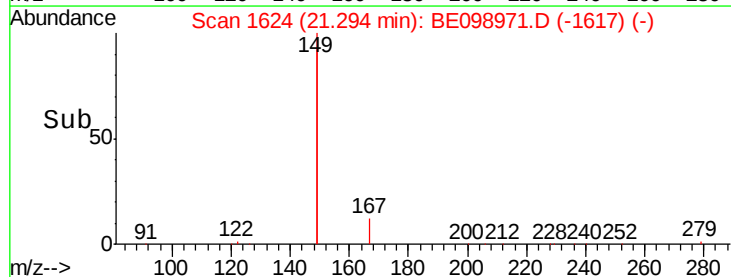
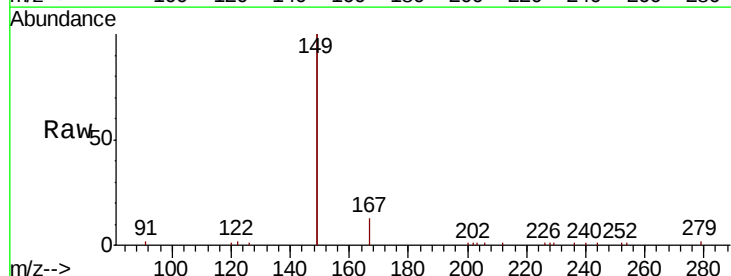
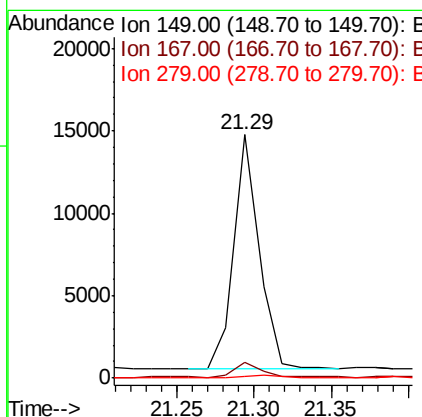
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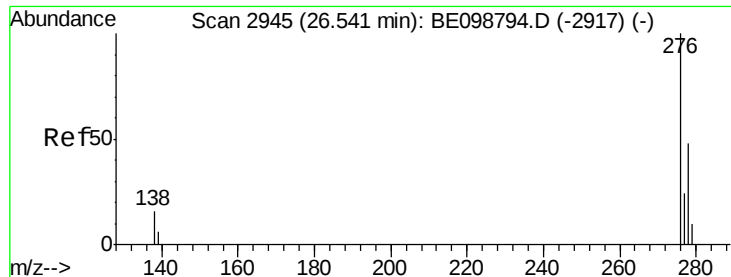
Sohil
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.346 ng
RT: 21.29 min Scan# 1624
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.4	5.4	8.0
279	1.1	1.0	1.4





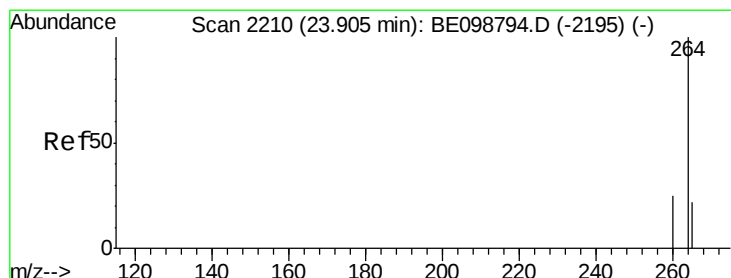
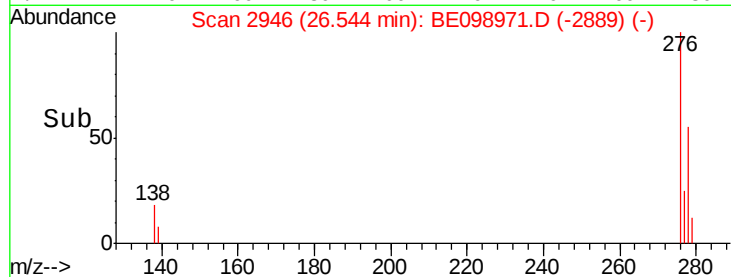
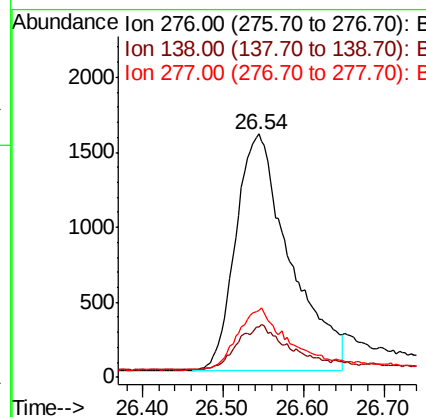
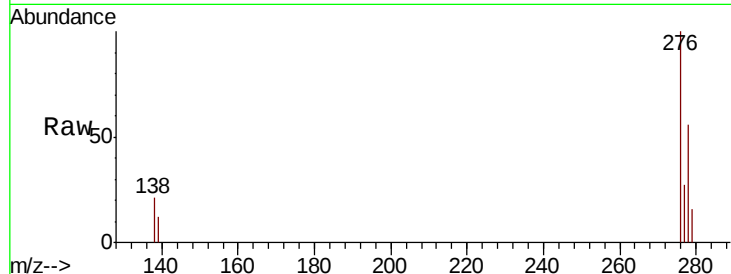
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.297 ng
RT: 26.54 min Scan# 2946
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.5	13.8	20.8
277	24.2	19.5	29.3

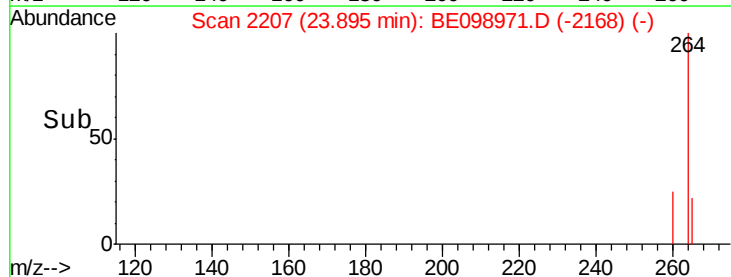
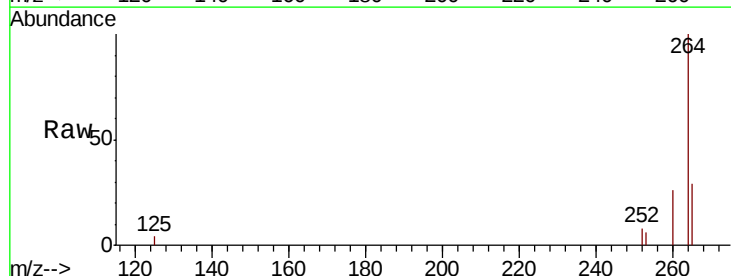
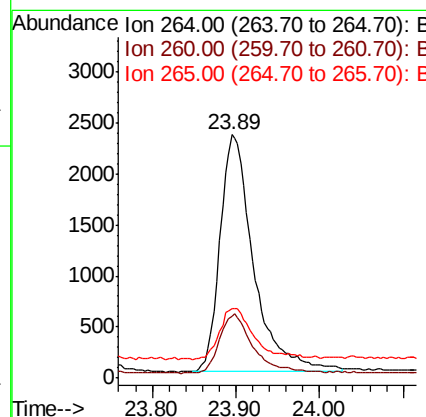
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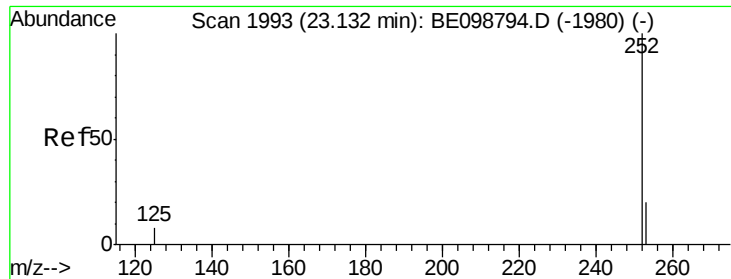
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.89 min Scan# 2207
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.6	21.2	31.8
265	28.7	24.6	36.8





#35

Benzo(b)fluoranthene

Concen: 0.367 ng/mL

RT: 23.13 min Scan# 1993

Delta R.T. 0.00 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

Instrument :

BNA_E

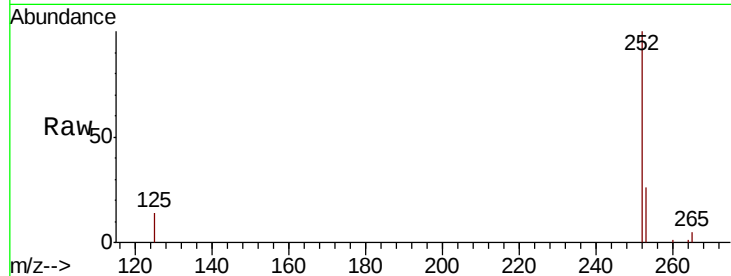
ClientSampleId :

BPS1-TT-MW304D-20190312MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.6	18.2	27.2
125	14.5	7.3	10.9

Manual Integrations
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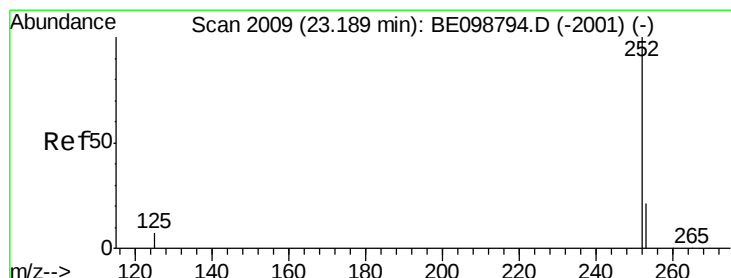
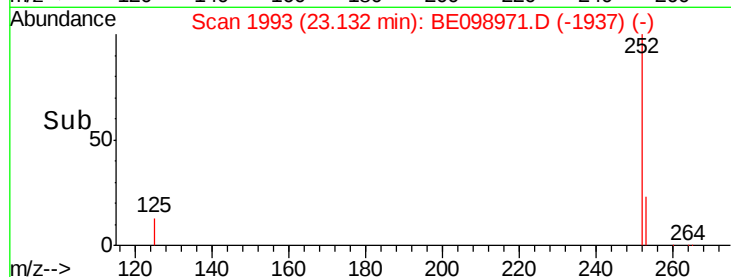
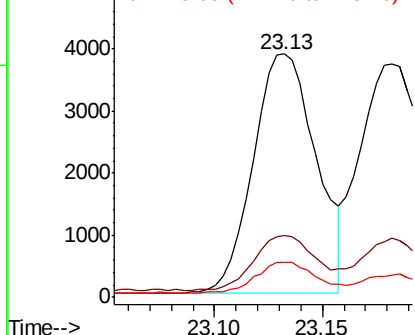


Abundance

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: 0.408 ng/mL

RT: 23.18 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BE098971.D

Acq: 15 Mar 2019 13:29

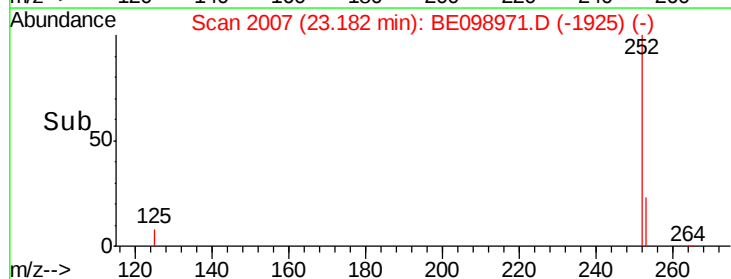
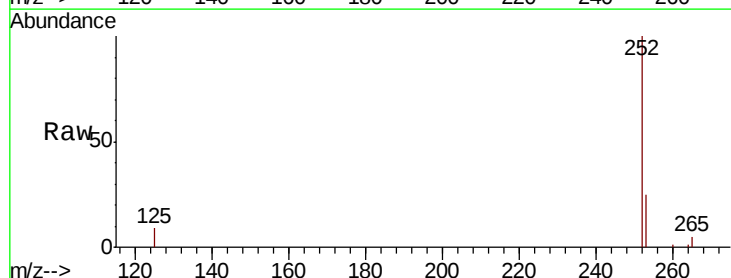
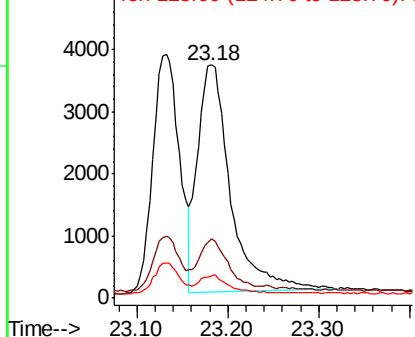
Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.3	28.9
125	9.4	7.5	11.3

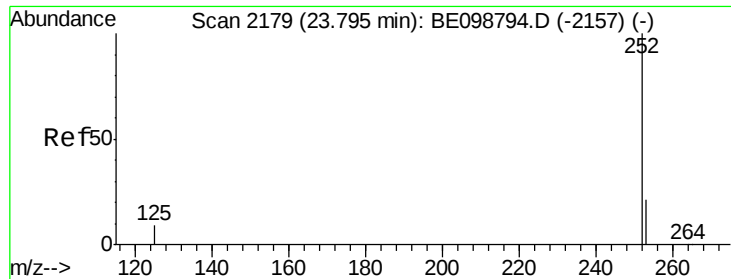
Abundance

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





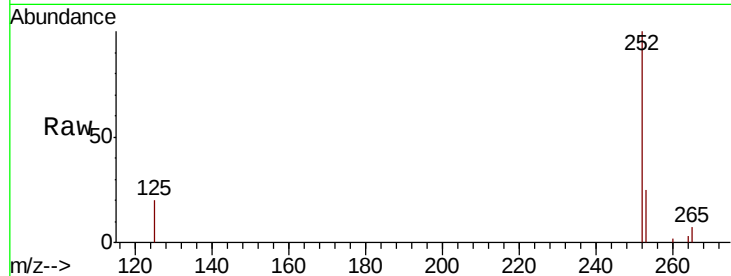
#37
Benzo(a)pyrene
Concen: 0.395 ng
RT: 23.80 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW304D-20190312MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.9	29.9
125	19.7	9.0	13.4

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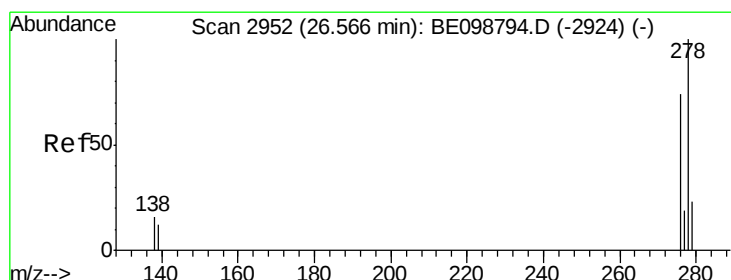
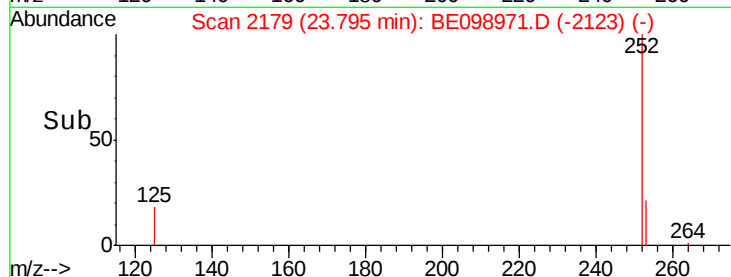
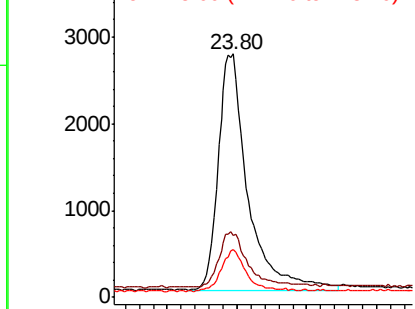


Abundance

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: 0.341 ng m
RT: 26.56 min Scan# 2950
Delta R.T. -0.01 min
Lab File: BE098971.D
Acq: 15 Mar 2019 13:29

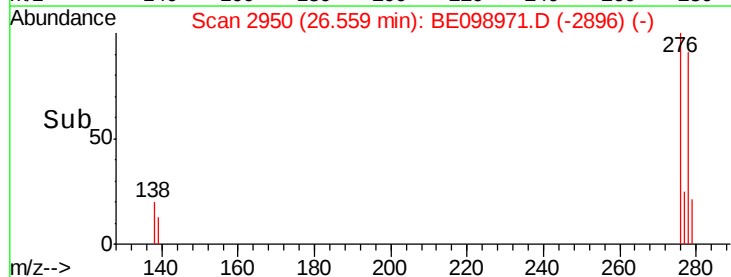
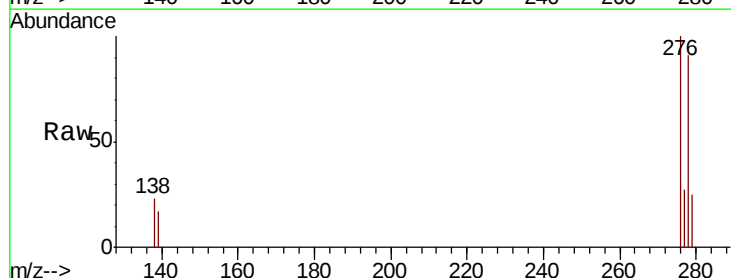
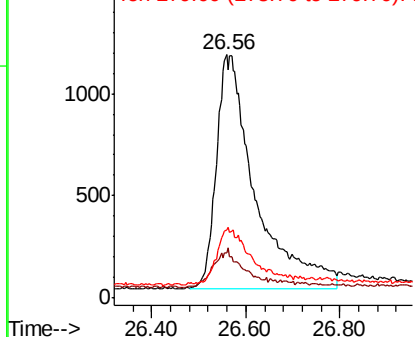
Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.3	11.8	17.6
279	27.8	21.1	31.7

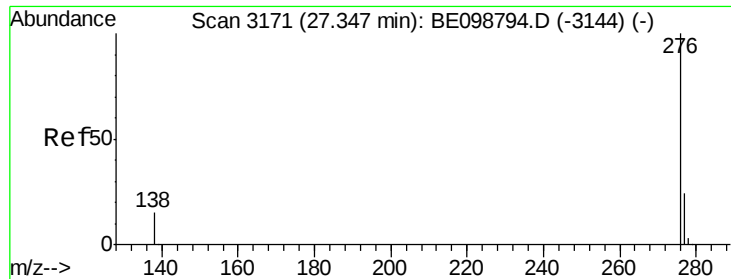
Abundance

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: 0.348 ng
 RT: 27.35 min Scan# 3171
 Delta R.T. 0.00 min
 Lab File: BE098971.D
 Acq: 15 Mar 2019 13:29

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW304D-20190312MSD

Tot Ion:	276	Resp:	7046
Ion Ratio	Lower	Upper	
276	100		
277	26.3	20.4	30.6
138	19.9	13.6	20.4

Manual Integrations
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