

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
 Data File : BE098337.D
 Acq On : 11 Dec 2018 17:43
 Operator : SJ/JU
 Sample : J6259-08MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306I-20181205MSD

Manual Integrations
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Sohil
 12/12/2018 5:28:36 PM

Quant Time: Dec 12 11:40:34 2018

Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Mon Dec 10 14:59:55 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	1383	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5592	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3375	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	8582	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	10588	0.40	ng	0.00
34) Perylene-d12	24.01	264	10112	0.40	ng	0.00

System Monitoring Compounds

4) 2-Fluorophenol	5.46	112	600	0.19	ng	0.01
5) Phenol-d6	7.05	99	501	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	2196	0.43	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3455m	0.38	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	559	0.45	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	7391	0.52	ng	0.00
25) Fluoranthene-d10	19.31	212	49768	0.45	ng	0.00
29) Terphenyl-d14	19.90	244	12250	0.48	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.37	88	2165	0.905	ng	# 90
3) n-Nitrosodimethylamine	3.69	42	244	0.113	ng	# 100
6) bis(2-Chloroethyl)ether	7.29	93	1517	0.348	ng	88
9) Naphthalene	10.71	128	24450	0.434	ng	100
10) Hexachlorobutadiene	10.99	225	1323	0.369	ng	98
12) 2-Methylnaphthalene	12.34	142	4197	0.459	ng	96
16) Acenaphthylene	14.24	152	6788	0.429	ng	100
17) Acenaphthene	14.59	154	3869	0.407	ng	99
18) Fluorene	15.57	166	5441	0.428	ng	98
20) 4-Bromophenyl-phenylether	16.47	248	1867	0.404	ng	# 81
21) Hexachlorobenzene	16.58	284	1954	0.393	ng	94
22) Pentachlorophenol	16.93	266	689	0.765	ng	94
23) Phenanthrene	17.32	178	9269	0.444	ng	99
24) Anthracene	17.41	178	8269	0.445	ng	99
26) Fluoranthene	19.34	202	12816	0.464	ng	100
28) Pyrene	19.70	202	13184	0.397	ng	99
30) Benzo(a)anthracene	21.44	228	13868	0.460	ng	98
31) Chrysene	21.50	228	13706	0.434	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	42554	0.695	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	14027	0.446	ng	98
35) Benzo(b)fluoranthene	23.22	252	12451	0.450	ng	99
36) Benzo(k)fluoranthene	23.28	252	14711	0.457	ng	98
37) Benzo(a)pyrene	23.89	252	12825	0.449	ng	98
38) Dibenzo(a,h)anthracene	26.72	278	11750	0.437	ng	96
39) Benzo(g,h,i)perylene	27.52	276	12035	0.444	ng	98

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

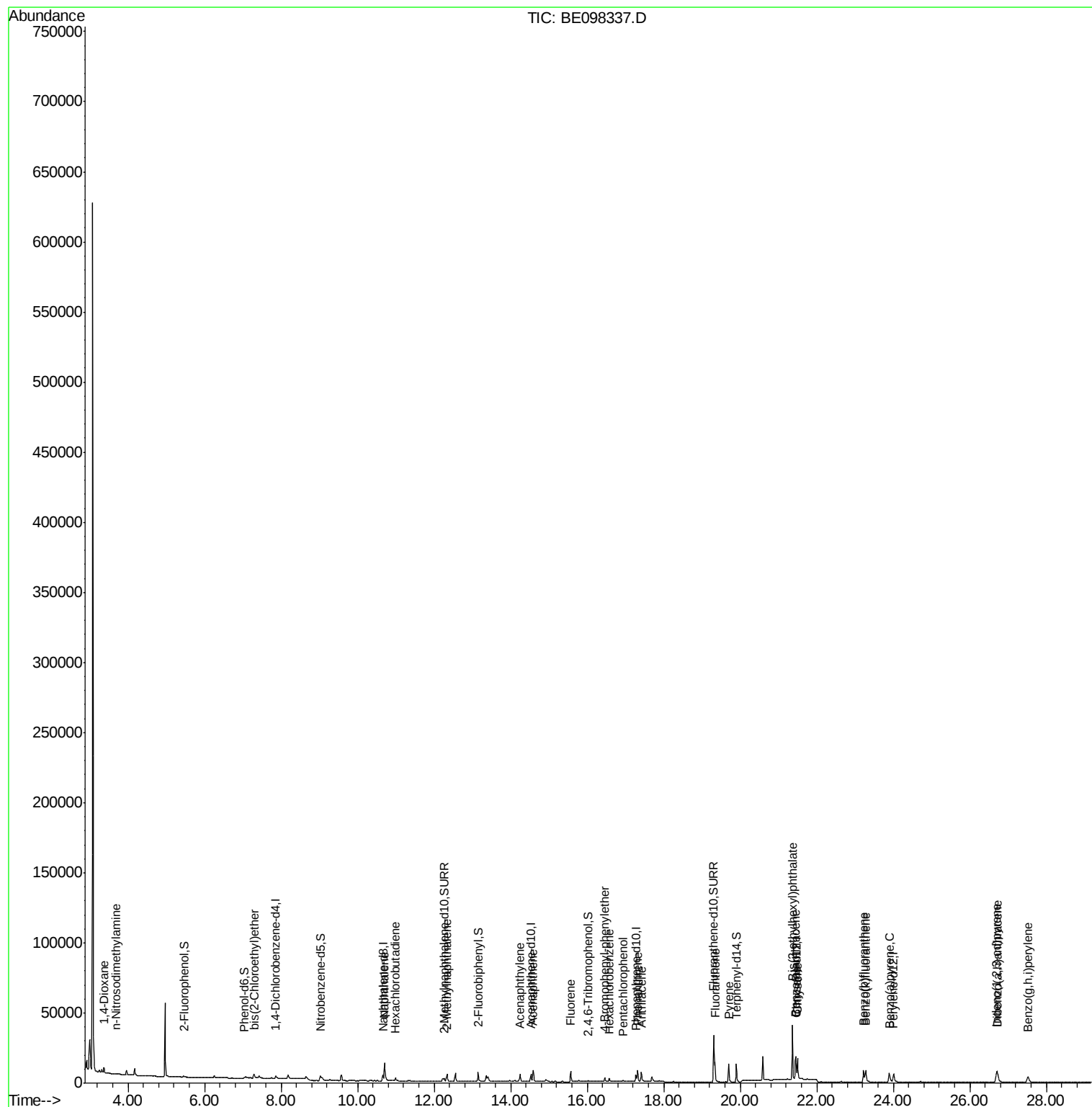
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121118\
Data File : BE098337.D
Acq On : 11 Dec 2018 17:43
Operator : SJ/JU
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Manual Integrations
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Quant Time: Dec 12 11:40:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
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#1

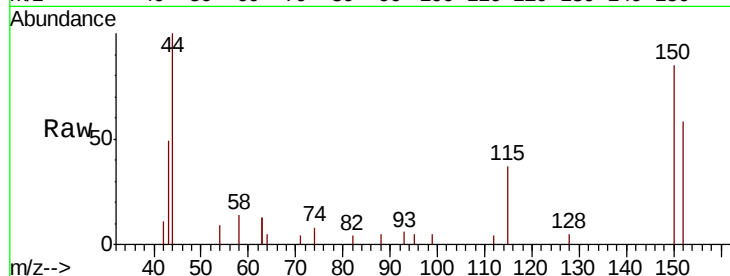
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	124.2	186.4
115	63.7	53.9	80.9

Manual Integrations
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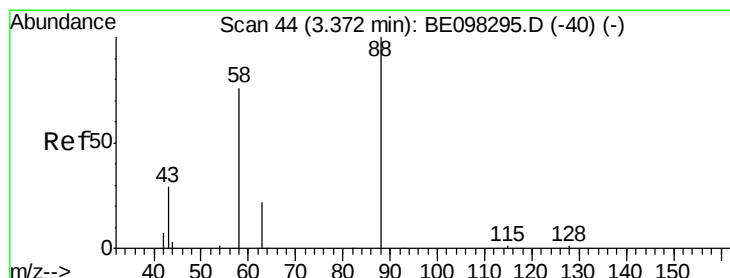
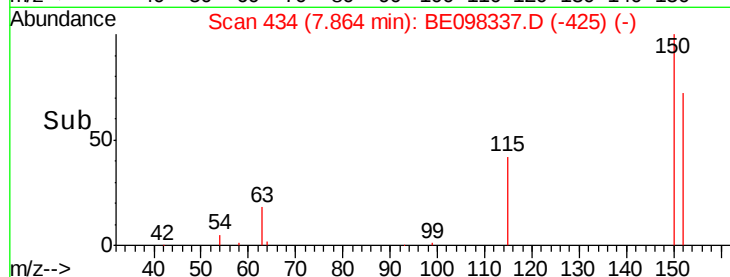
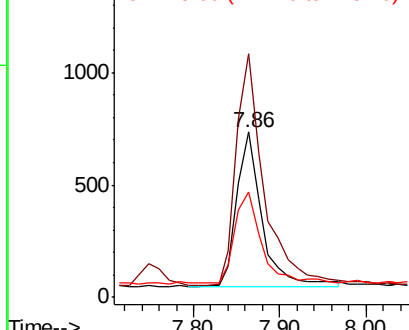


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

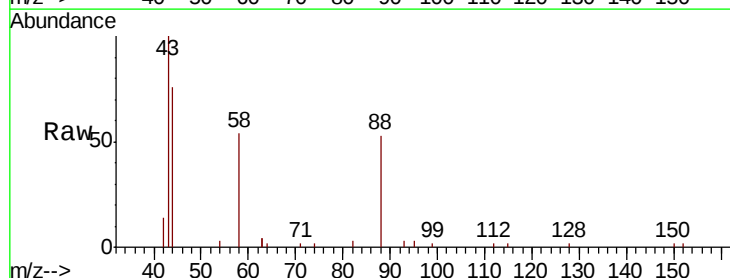
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.905 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.6	75.0	112.6
43	59.3	38.3	57.5

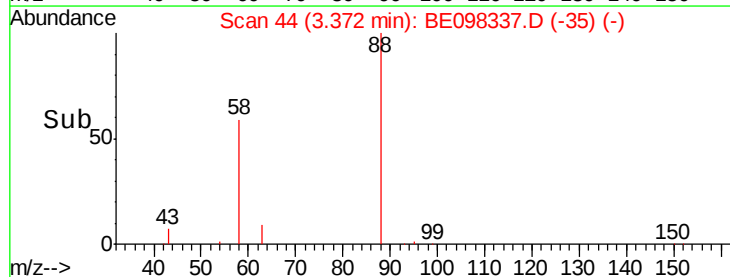
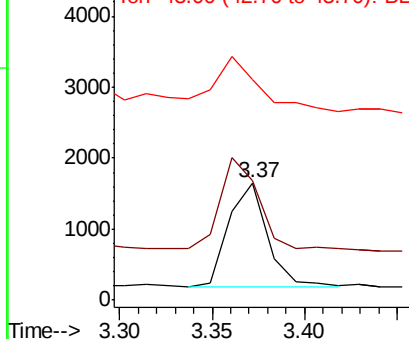


Abundance

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

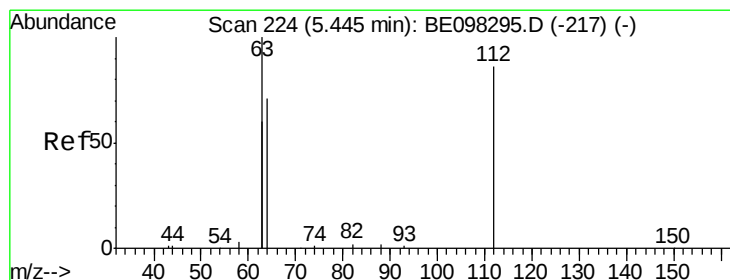
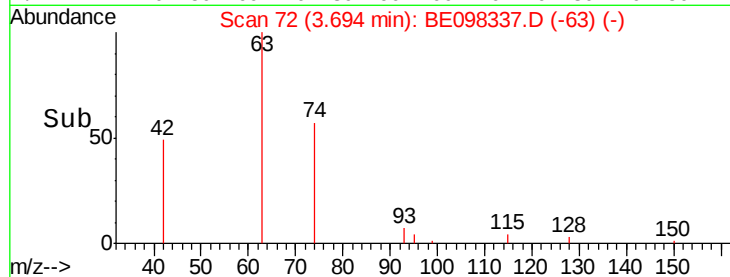
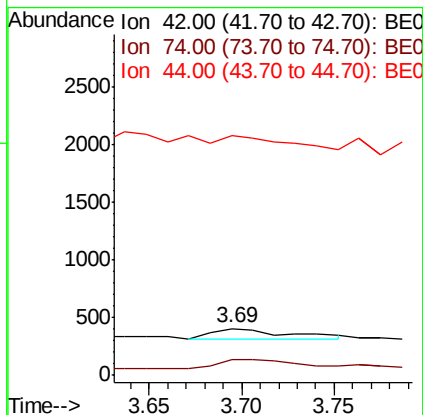
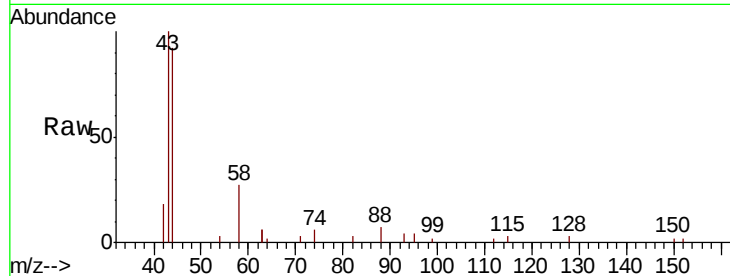
n-Nitrosodimethylamine
 Concen: 0.113 ng
 RT: 3.69 min Scan# 72
 Delta R.T. 0.00 min
 Lab File: BE098337.D
 Acq: 11 Dec 2018 17:43

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306I-20181205MSD

Tot Ion:	42	Resp:	244
Ion Ratio	Lower	Upper	
42	100		
74	97.5	0.0	0.0#
44	0.0	0.0	0.0

Manual Integrations
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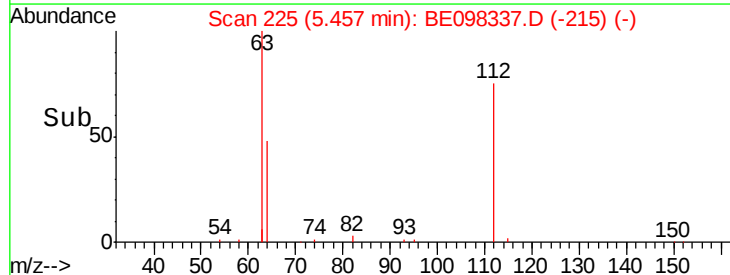
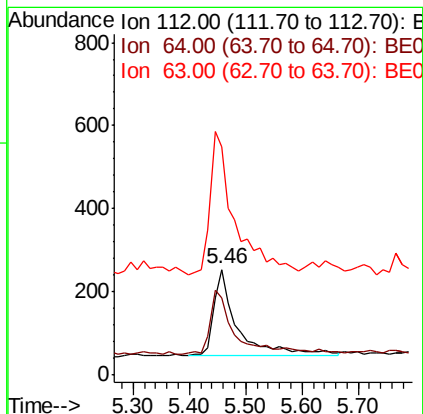
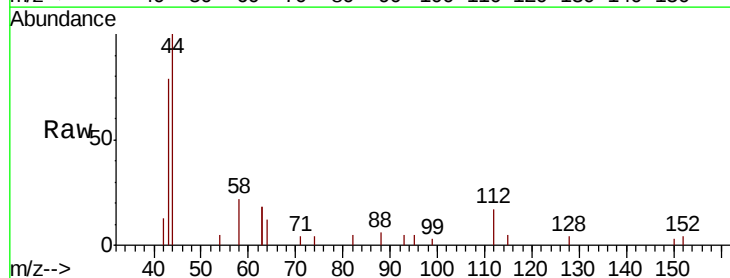
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#4

2-Fluorophenol
 Concen: 0.185 ng
 RT: 5.46 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098337.D
 Acq: 11 Dec 2018 17:43

Tgt Ion:	112	Resp:	600
Ion Ratio	Lower	Upper	
112	100		
64	72.0	59.8	89.8
63	172.3	133.7	200.5





#5

Phenol-d6

Concen: 0.109 ng

RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Instrument :

BNA_E

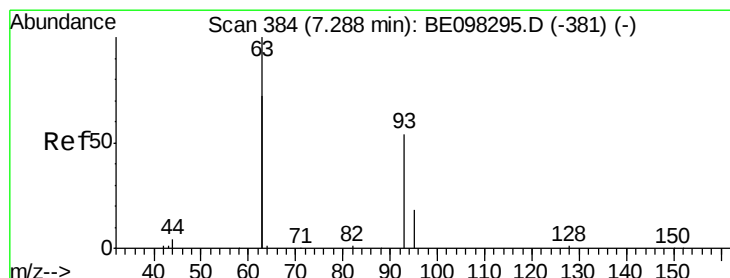
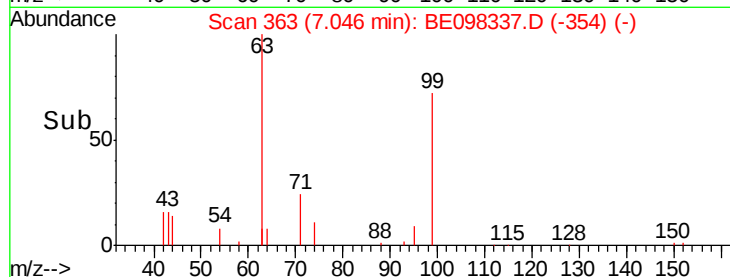
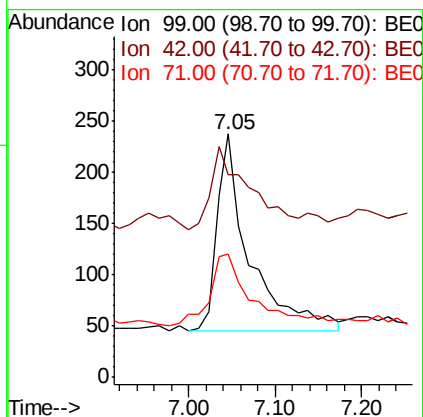
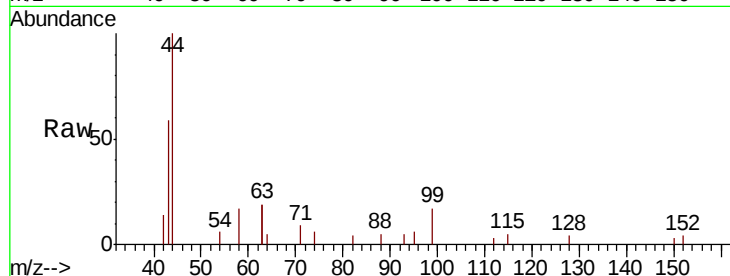
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:	99	Resp:	501
Ion	Ratio	Lower	Upper
99	100		
42	51.5	26.3	39.5#
71	49.7	33.6	50.4

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#6

bis(2-Chloroethyl)ether

Concen: 0.348 ng

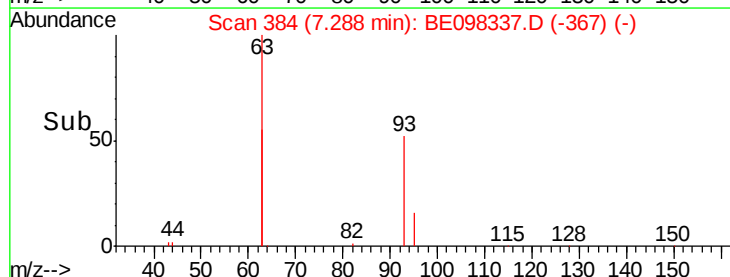
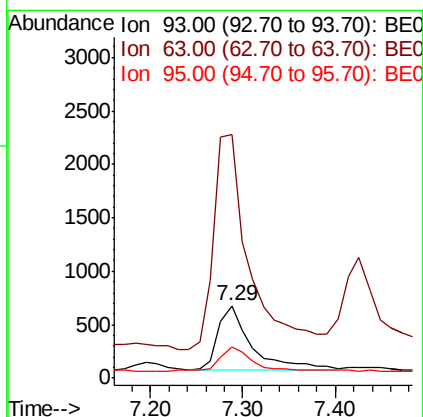
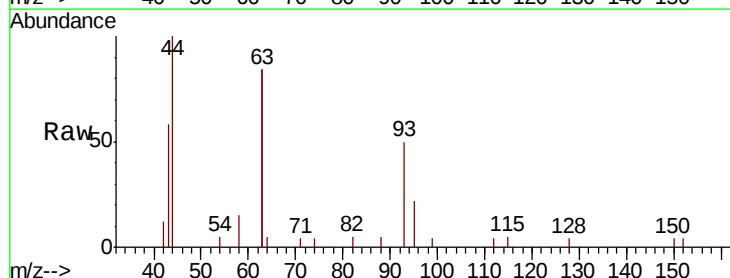
RT: 7.29 min Scan# 384

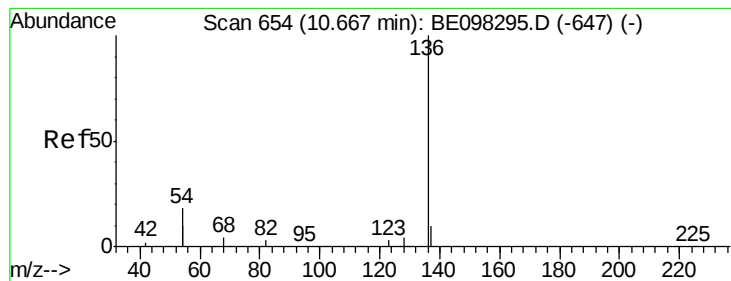
Delta R.T. 0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Tgt Ion:	93	Resp:	1517
Ion	Ratio	Lower	Upper
93	100		
63	356.0	264.4	396.6
95	38.6	26.6	40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.67 min Scan# 654

Delta R.T. 0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Instrument :

BNA_E

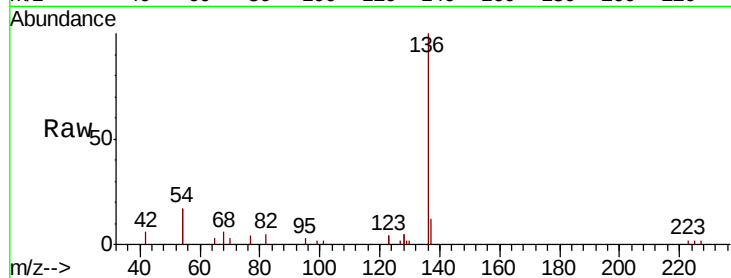
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

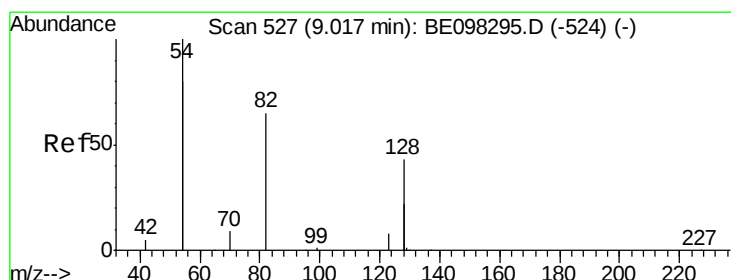
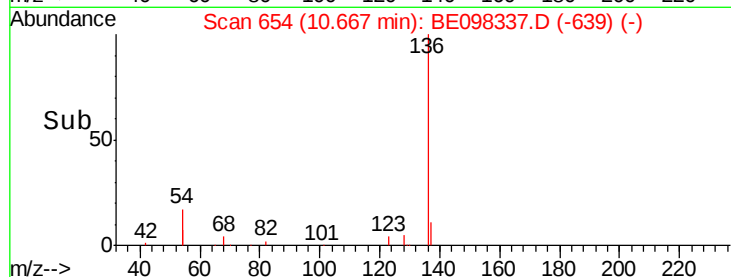
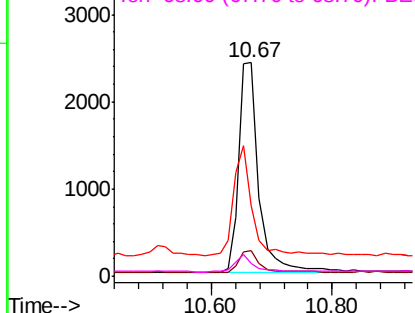
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.3	9.2	13.8	
54	33.1	28.4	42.6	
68	5.8	5.4	8.0	

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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: 0.431 ng

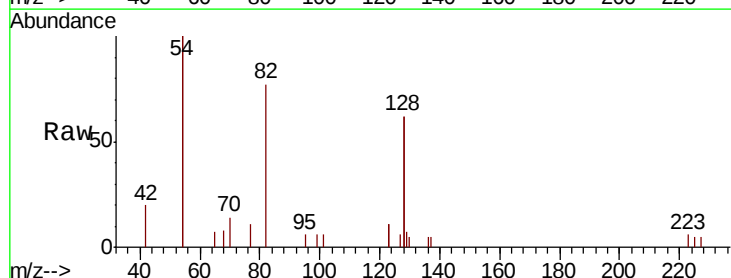
RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

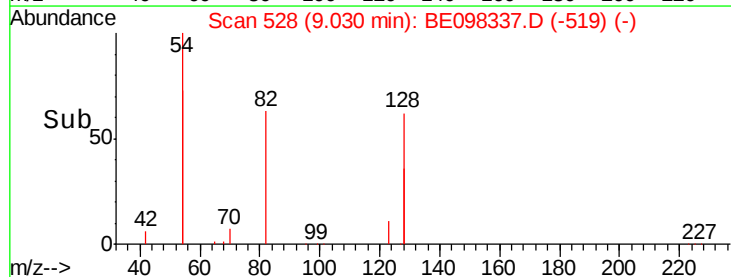
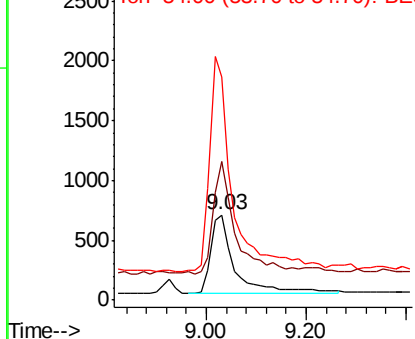
Lab File: BE098337.D

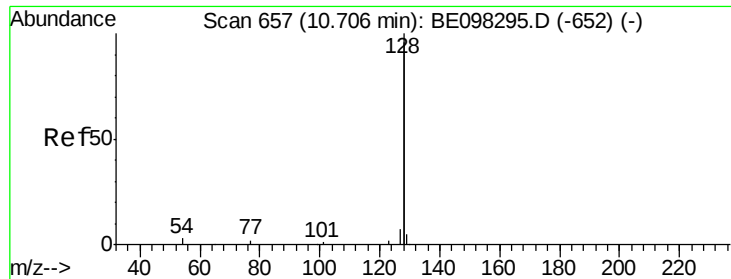
Acq: 11 Dec 2018 17:43

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	162.7	102.4	153.6#	
54	261.4	221.8	332.8	



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: 0.434 ng

RT: 10.71 min Scan# 657

Delta R.T. 0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Instrument :

BNA_E

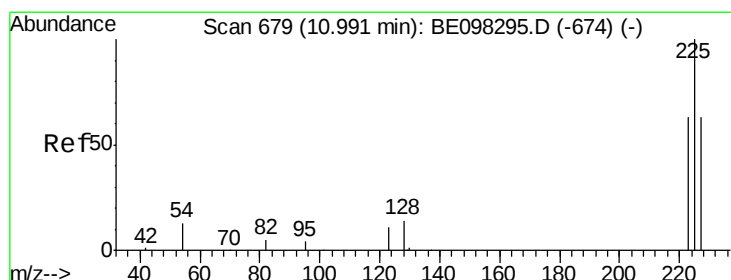
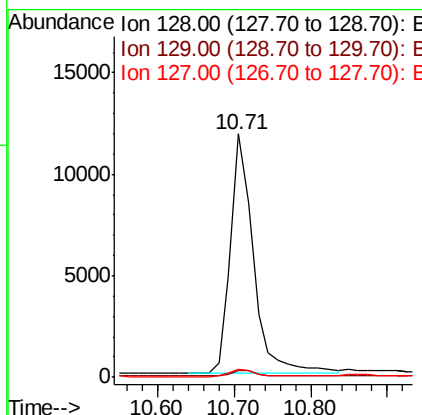
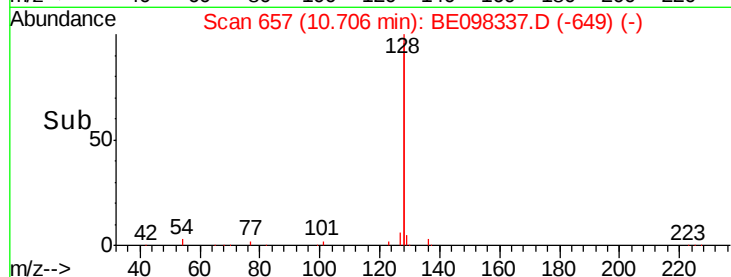
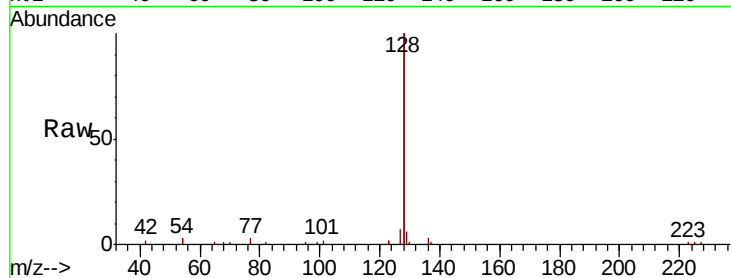
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:	128	Resp:	24450
Ion Ratio	Lower	Upper	
128	100		
129	3.0	2.5	3.7
127	3.4	2.7	4.1

Manual Integrations
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#10

Hexachlorobutadiene

Concen: 0.369 ng

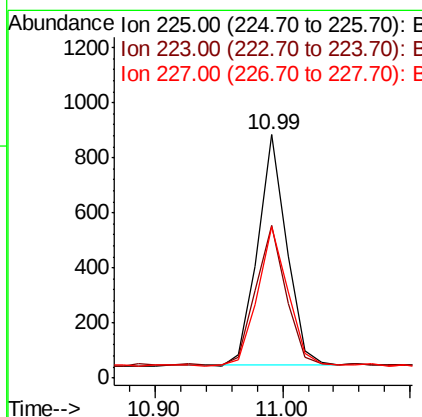
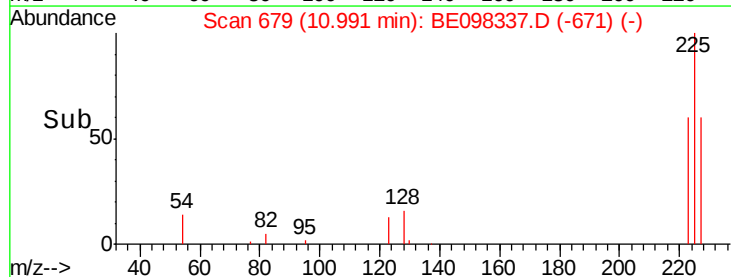
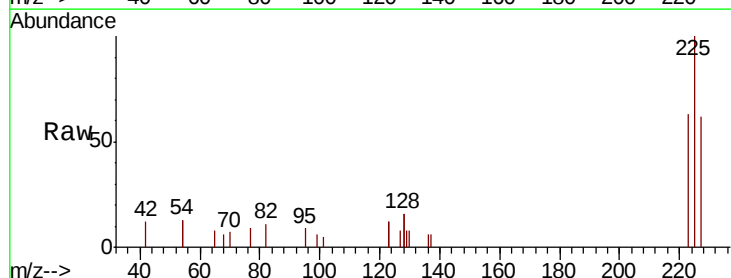
RT: 10.99 min Scan# 679

Delta R.T. 0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Tgt Ion:	225	Resp:	1323
Ion Ratio	Lower	Upper	
225	100		
223	62.8	49.4	74.0
227	63.0	52.0	78.0





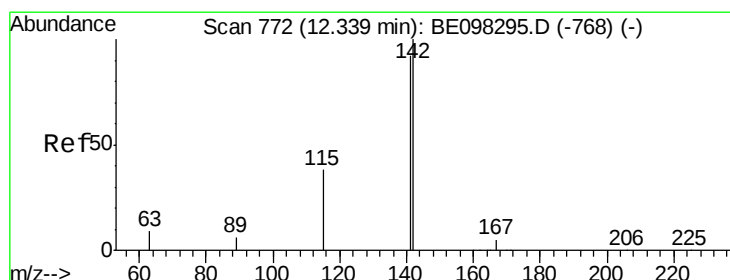
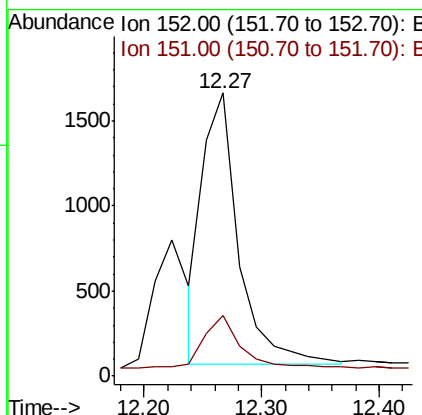
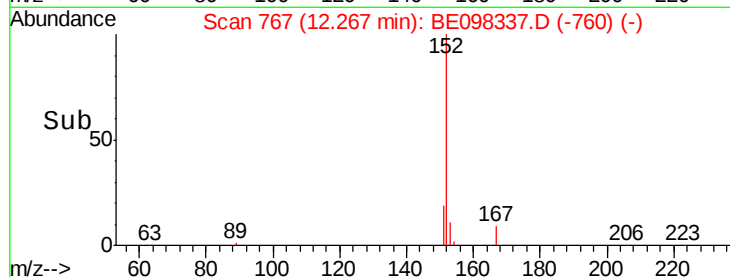
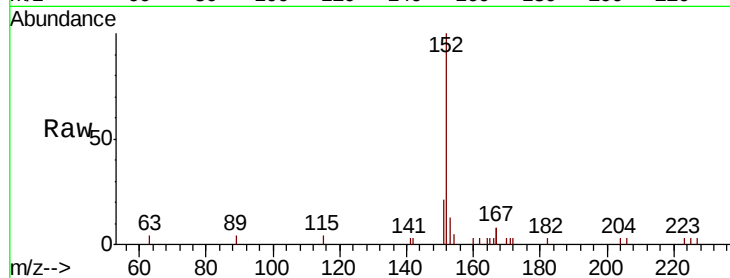
#11
 2-Methylnaphthalene-d10
 Concen: 0.380 ng m
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098337.D
 Acq: 11 Dec 2018 17:43

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.2	24.4

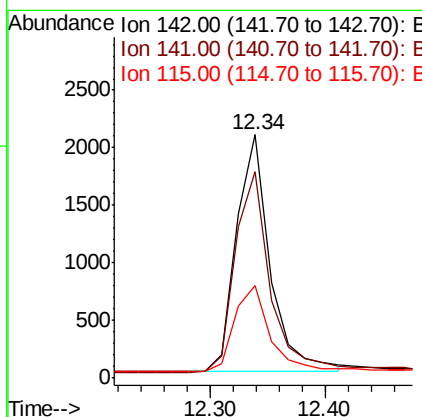
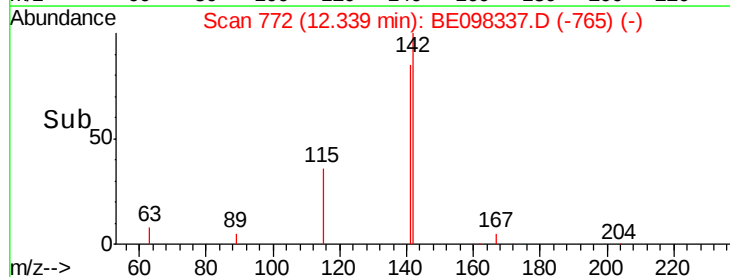
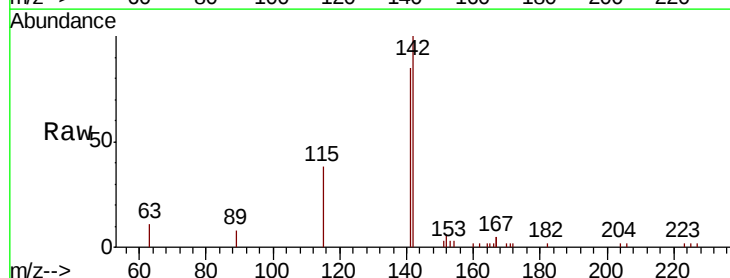
Manual Integrations
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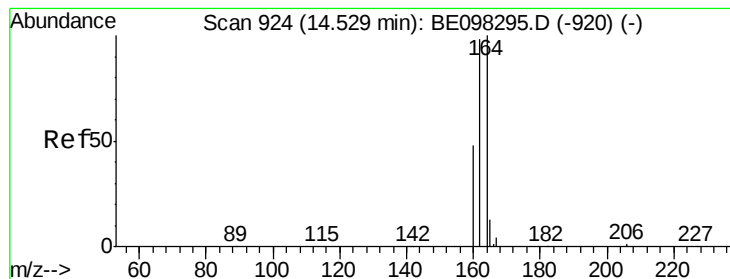
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 12/12/2018 5:28:36 PM



#12
 2-Methylnaphthalene
 Concen: 0.459 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE098337.D
 Acq: 11 Dec 2018 17:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.8	71.0	106.6
115	37.9	32.2	48.2





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.53 min Scan# 924

Delta R.T. 0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Instrument :

BNA_E

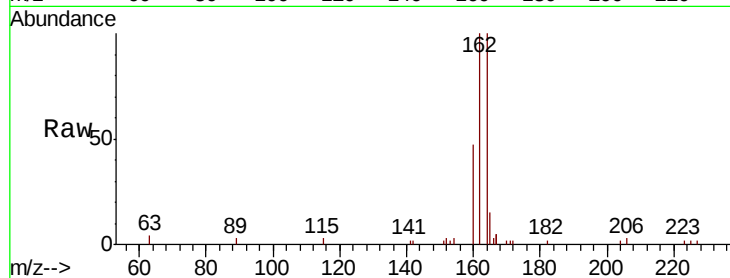
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

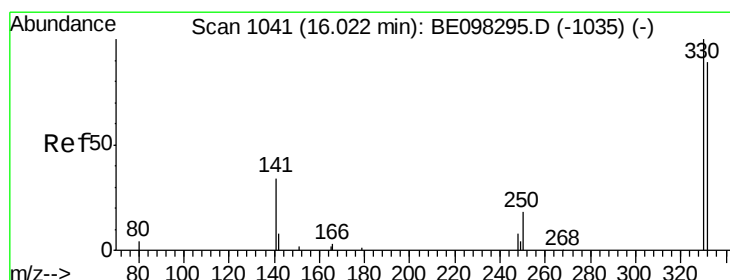
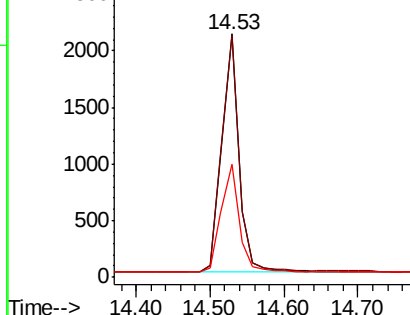
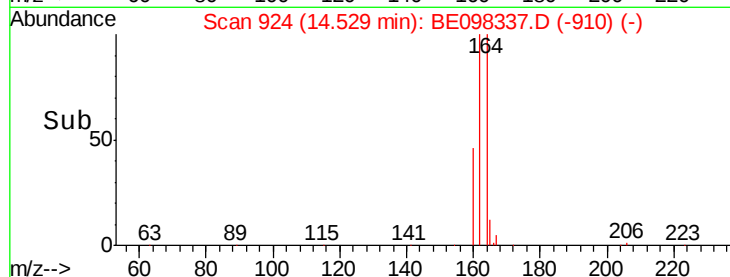
Tot Ion:	164	Resp:	3375
Ion Ratio	Lower	Upper	
164	100		
162	99.7	77.6	116.4
160	46.7	36.0	54.0

Manual Integrations
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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.451 ng

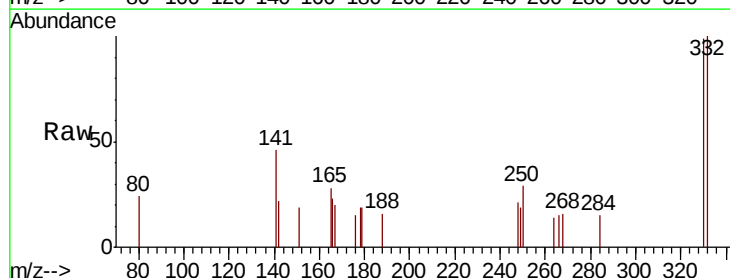
RT: 16.02 min Scan# 1041

Delta R.T. 0.00 min

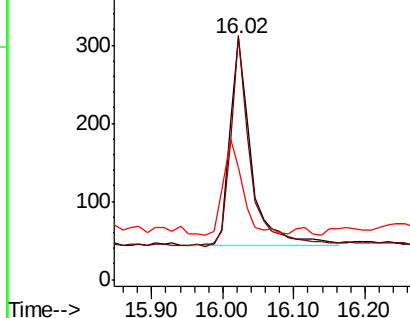
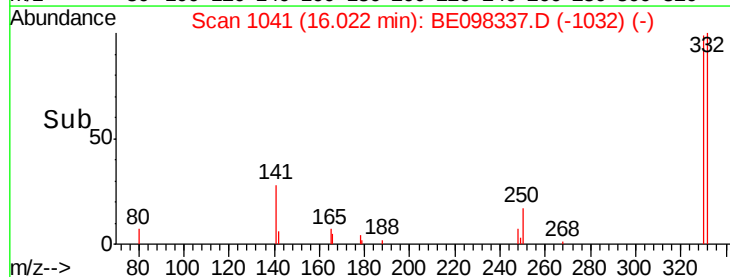
Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Tgt Ion:	330	Resp:	559
Ion Ratio	Lower	Upper	
330	100		
332	92.1	76.2	114.4
141	41.5	39.0	58.4



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





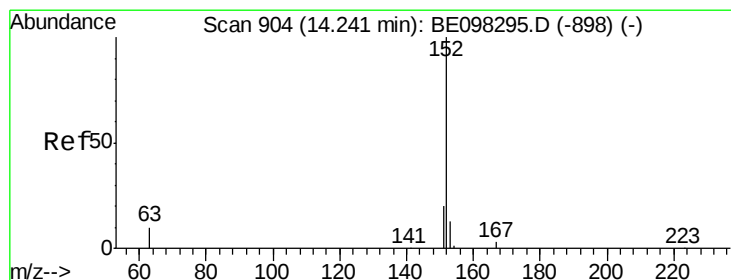
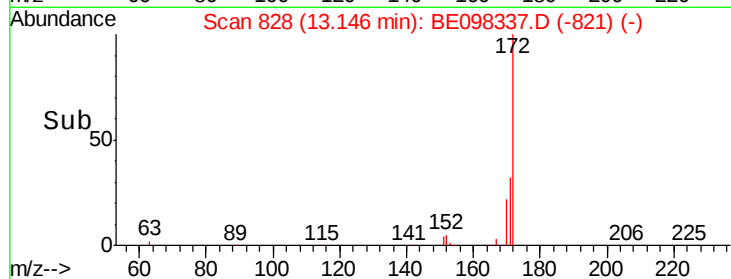
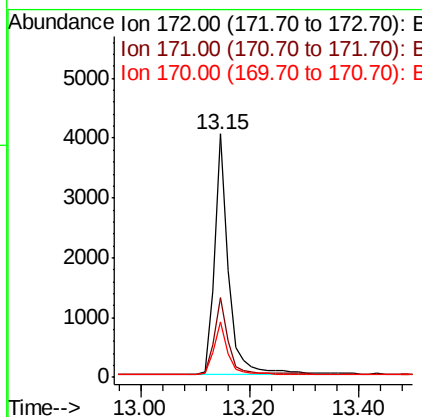
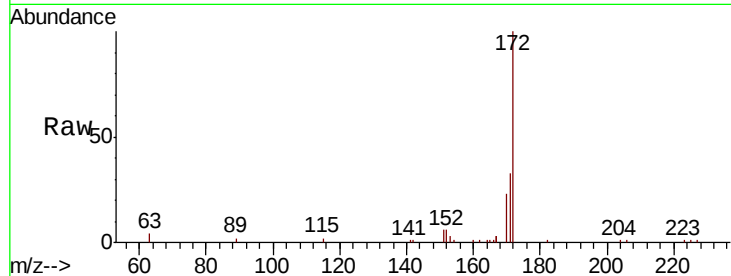
#15
2-Fluorobiphenyl
Concen: 0.519 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	33.0	27.5	41.3
170	22.9	19.6	29.4

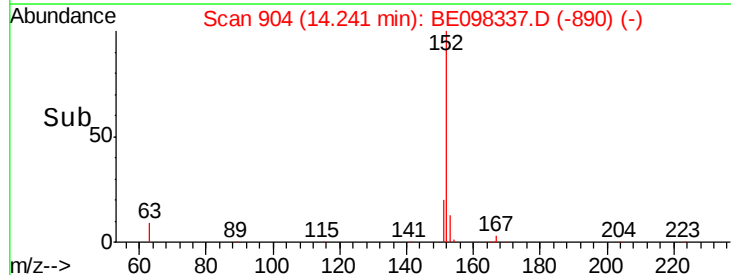
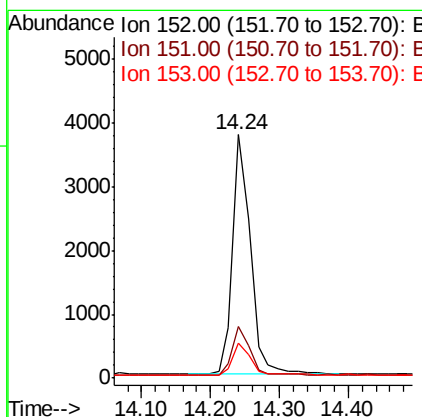
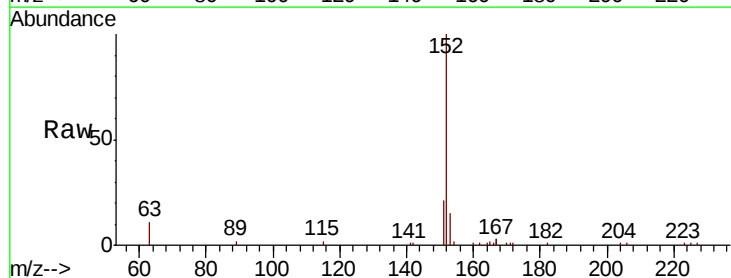
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#16
Acenaphthylene
Concen: 0.429 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.3	10.6	16.0





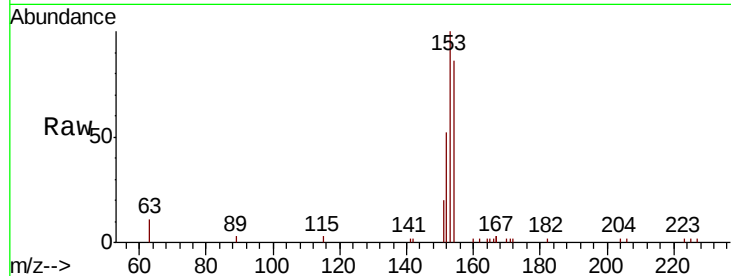
#17
Acenaphthene
Concen: 0.407 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	115.9	91.8	137.6
152	58.1	45.5	68.3

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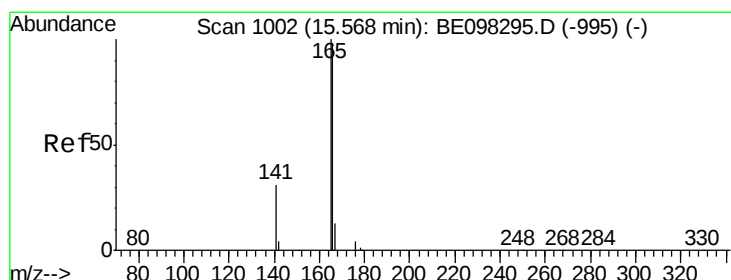
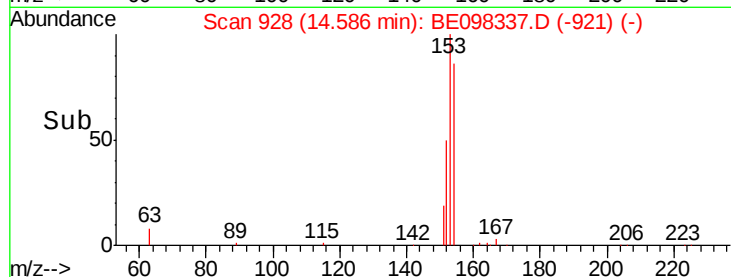
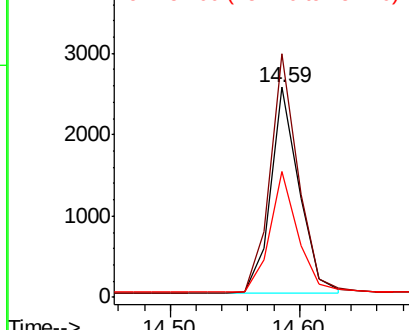


Abundance

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: 0.428 ng
RT: 15.57 min Scan# 1002
Delta R.T. 0.00 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

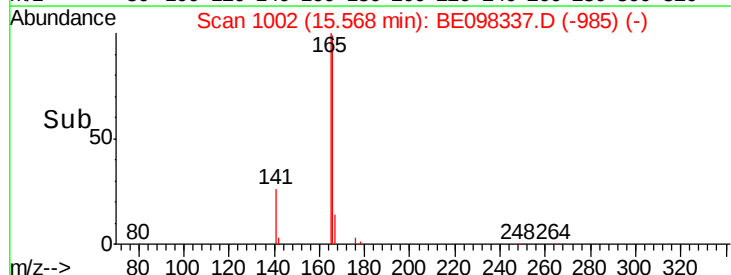
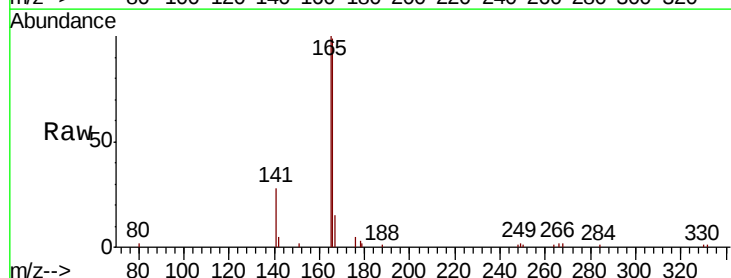
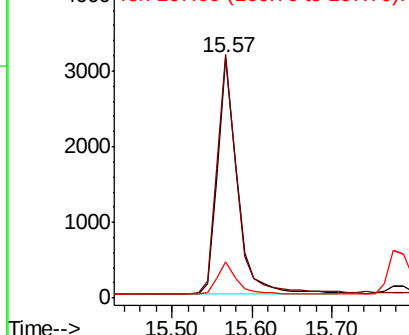
Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.0	79.3	118.9
167	13.6	11.3	16.9

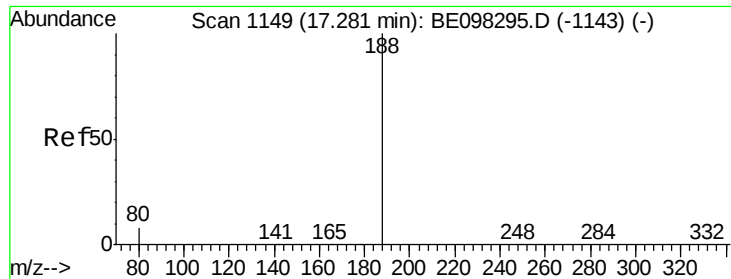
Abundance

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: 17.27 min Scan# 1148

Delta R.T. -0.01 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Instrument :

BNA_E

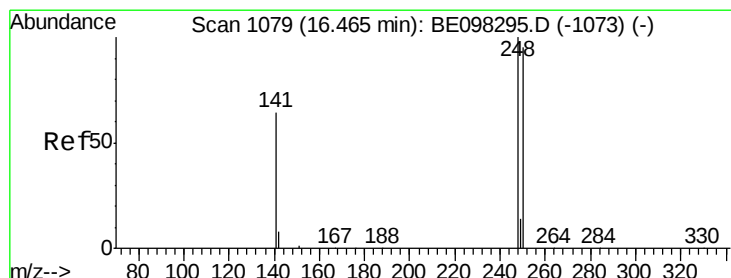
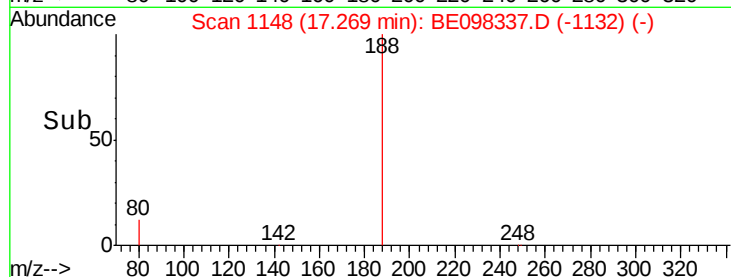
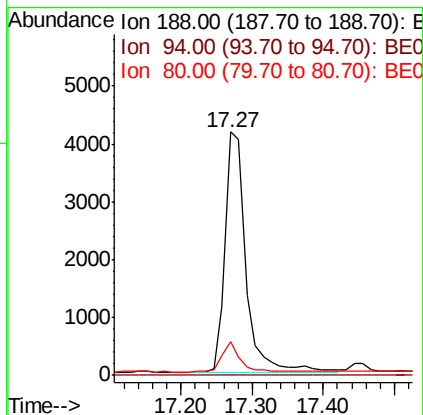
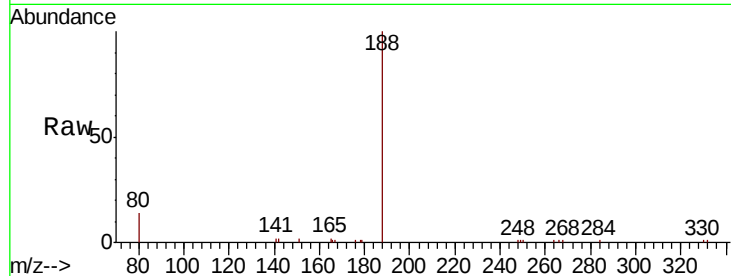
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:	188	Resp:	8582
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	13.7	7.2	10.8#

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#20

4-Bromophenyl-phenylether

Concen: 0.404 ng

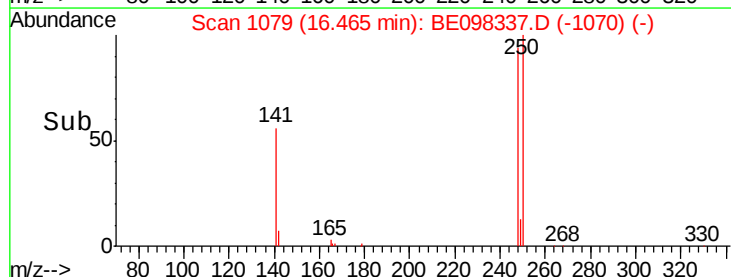
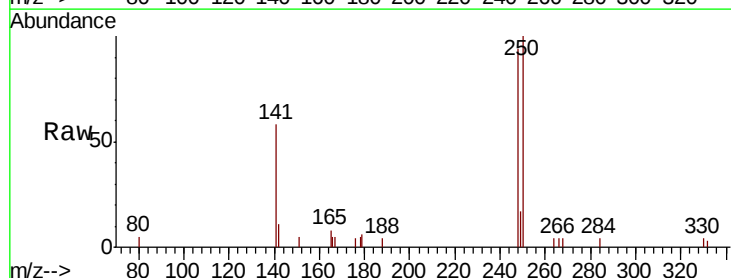
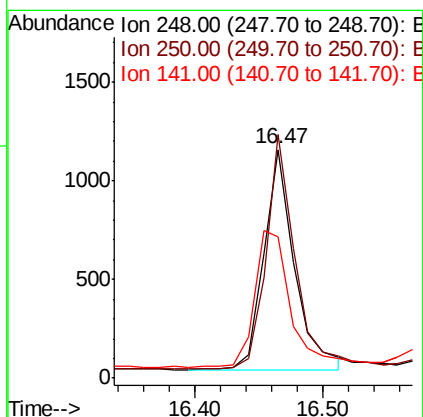
RT: 16.47 min Scan# 1079

Delta R.T. 0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Tgt Ion:	248	Resp:	1867
Ion Ratio	Lower	Upper	
248	100		
250	106.6	71.0	106.6#
141	61.9	62.1	93.1#





#21

Hexachlorobenzene

Concen: 0.393 ng

RT: 16.58 min Scan# 1089

Delta R.T. 0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Instrument :

BNA_E

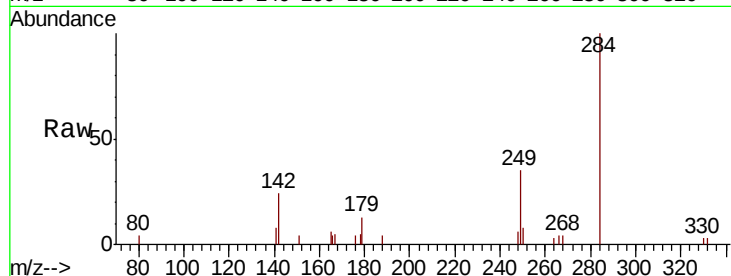
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

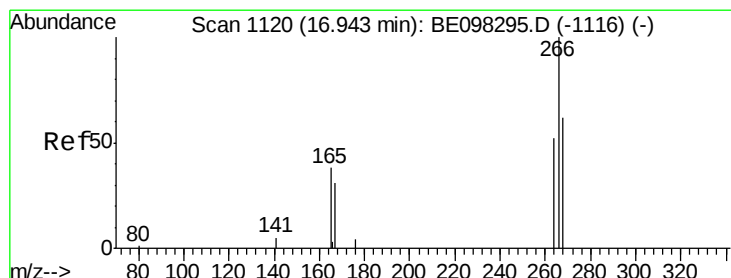
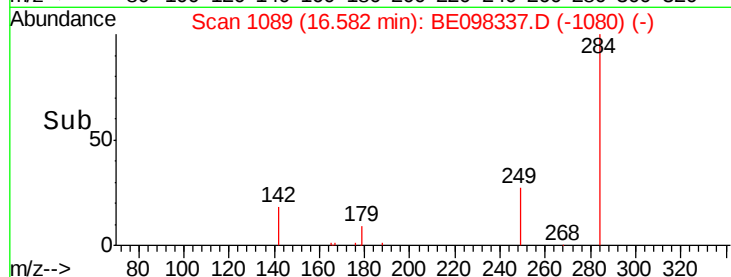
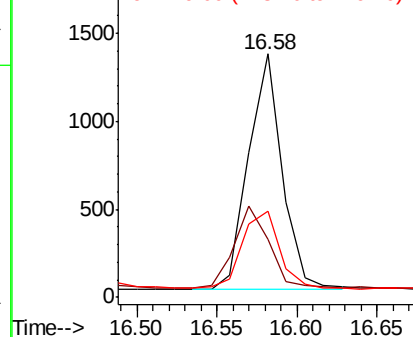
Tot Ion:	284	Resp:	1954
Ion Ratio	Lower	Upper	
284	100		
142	35.5	26.3	39.5
249	36.3	26.0	39.0

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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: 0.765 ng

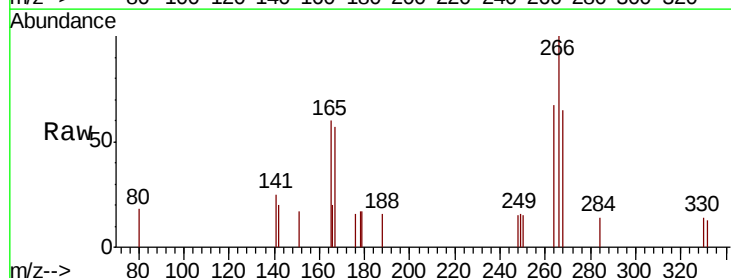
RT: 16.93 min Scan# 1119

Delta R.T. -0.01 min

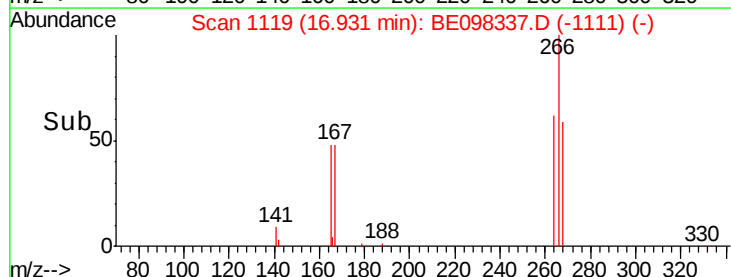
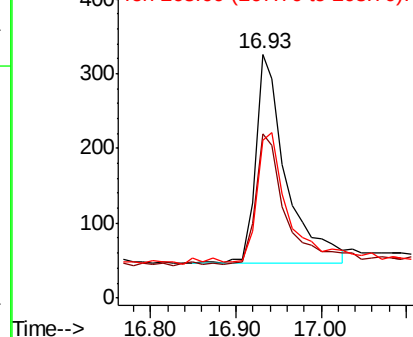
Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Tgt Ion:	266	Resp:	689
Ion Ratio	Lower	Upper	
266	100		
264	67.2	59.0	88.4
268	64.7	55.1	82.7



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: 0.444 ng

RT: 17.32 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Instrument :

BNA_E

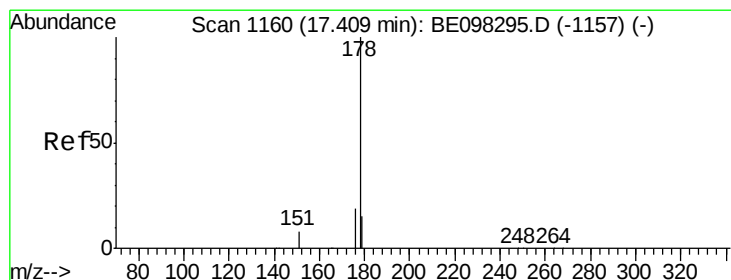
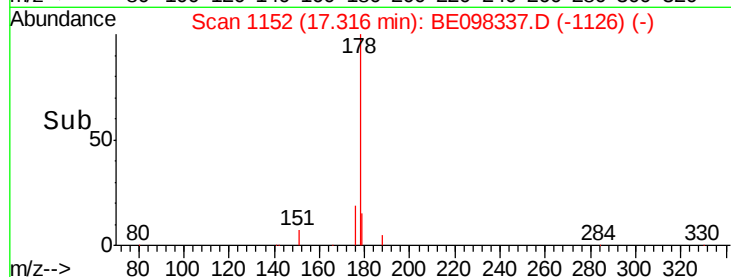
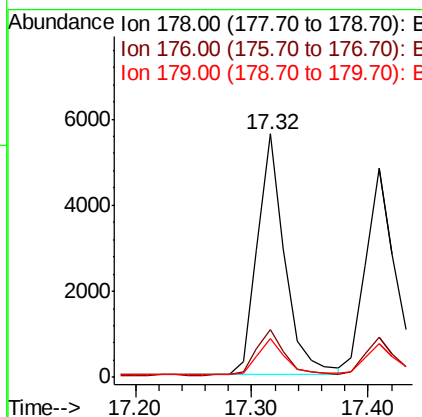
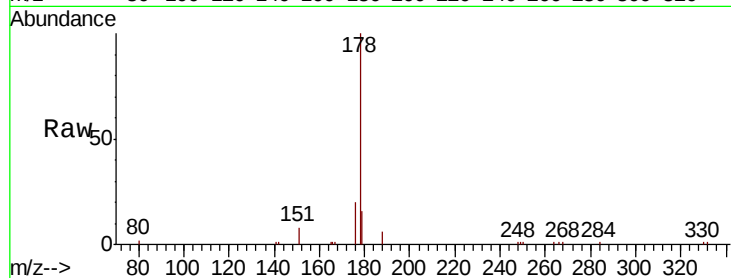
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:178	Resp:	9269
Ion Ratio	Lower	Upper
178	100	
176	19.5	15.9 23.9
179	15.2	12.3 18.5

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#24

Anthracene

Concen: 0.445 ng

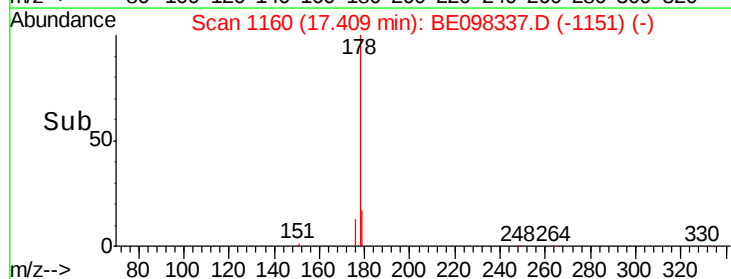
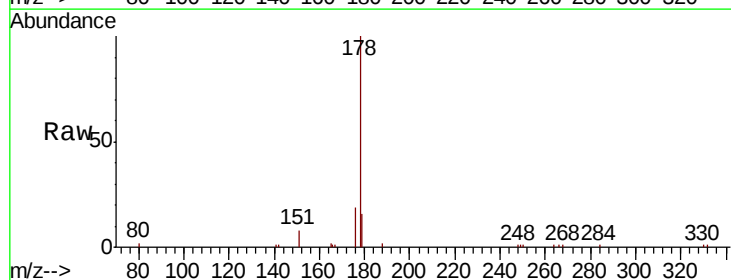
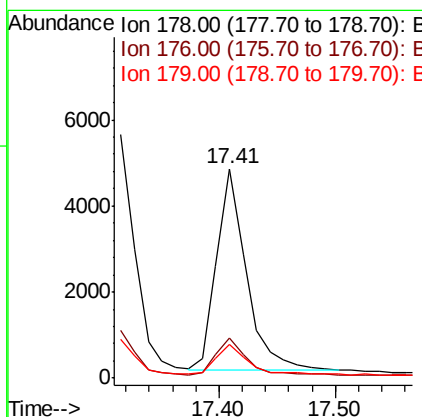
RT: 17.41 min Scan# 1160

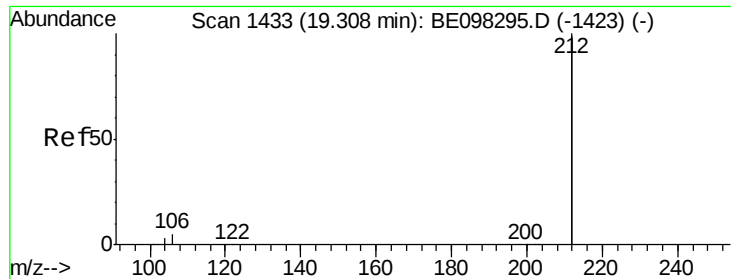
Delta R.T. 0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Tgt Ion:178	Resp:	8269
Ion Ratio	Lower	Upper
178	100	
176	18.0	15.0 22.4
179	15.5	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.452 ng

RT: 19.31 min Scan# 1433

Delta R.T. 0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Instrument :

BNA_E

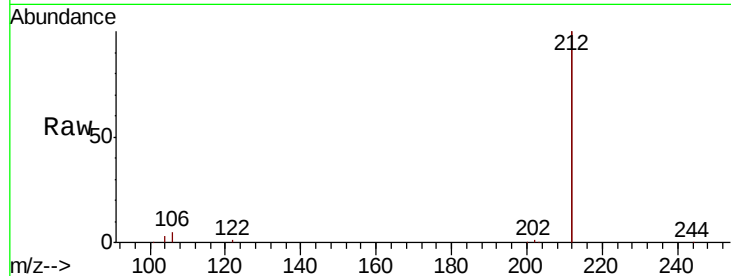
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

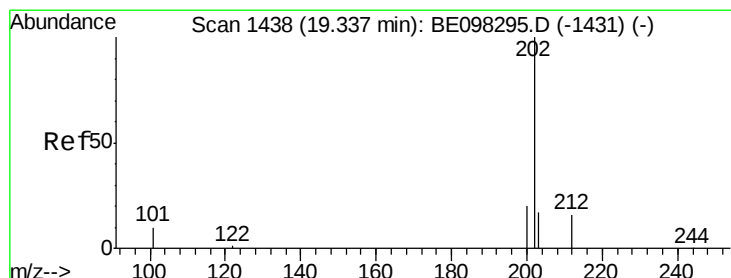
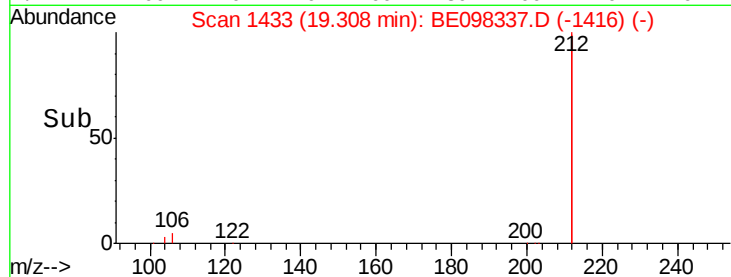
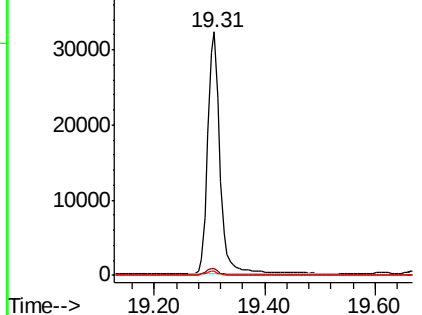
Tot Ion:	212	Resp:	49768
Ion Ratio	Lower	Upper	
212	100		
106	2.7	2.2	3.2
104	1.5	1.3	1.9

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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: 0.464 ng

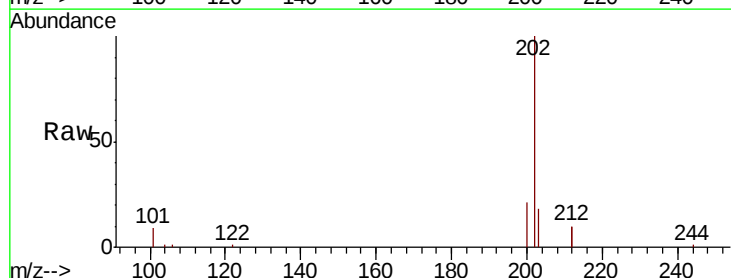
RT: 19.34 min Scan# 1438

Delta R.T. 0.00 min

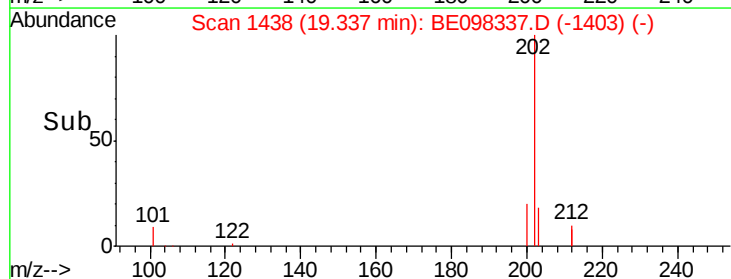
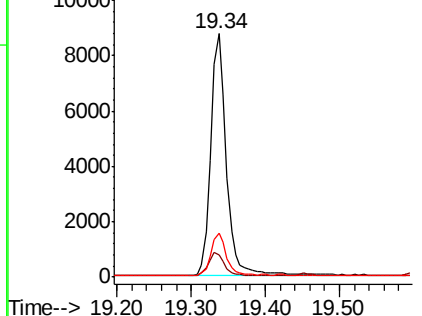
Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Tgt Ion:	202	Resp:	12816
Ion Ratio	Lower	Upper	
202	100		
101	10.1	8.0	12.0
203	17.0	13.8	20.6



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: 21.46 min Scan# 1671

Delta R.T. -0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Instrument :

BNA_E

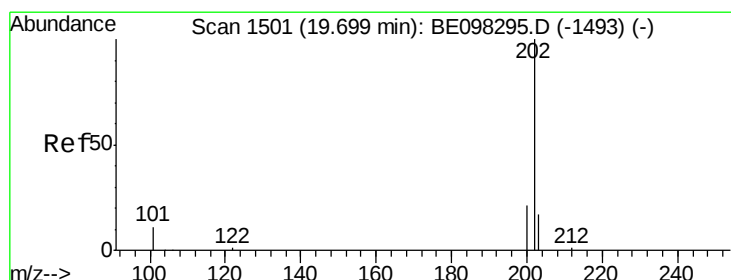
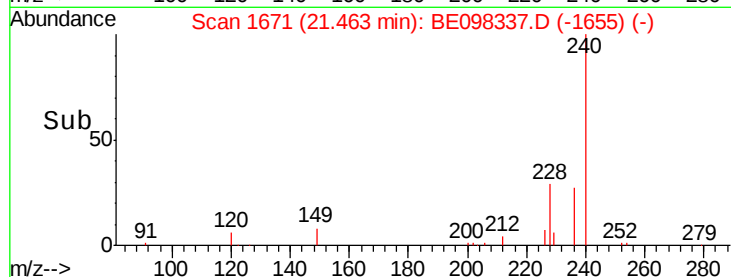
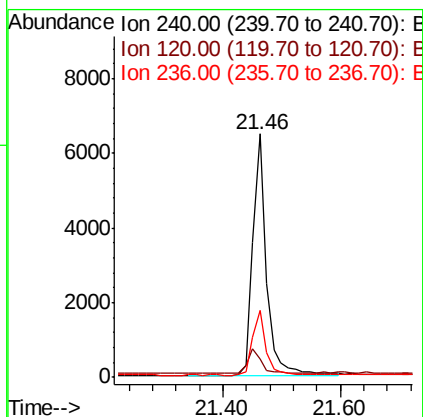
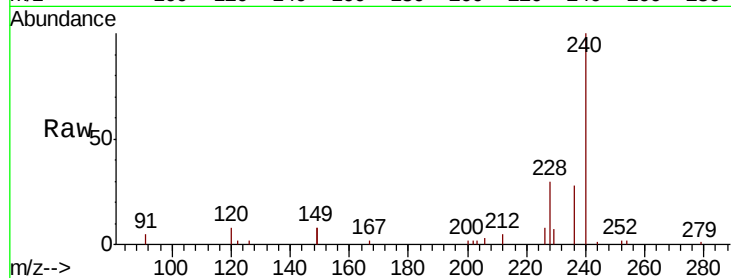
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.7	9.5	14.3#
236	27.6	22.7	34.1

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#28

Pyrene

Concen: 0.397 ng

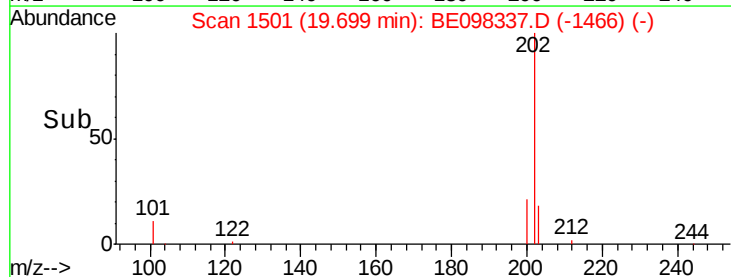
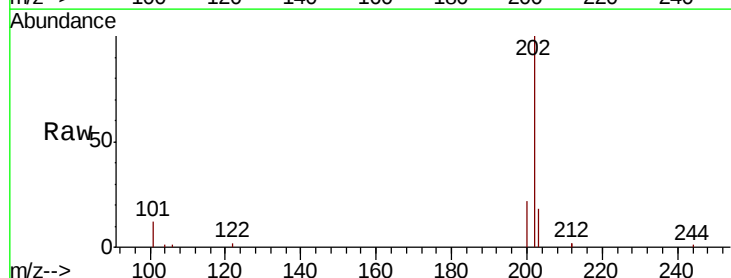
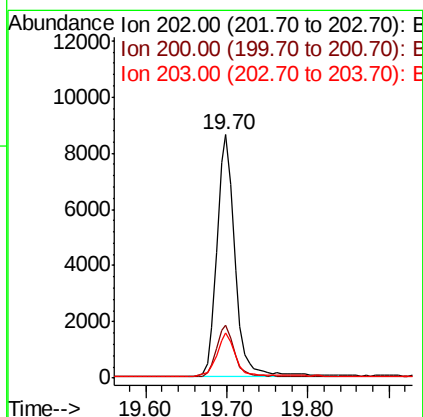
RT: 19.70 min Scan# 1501

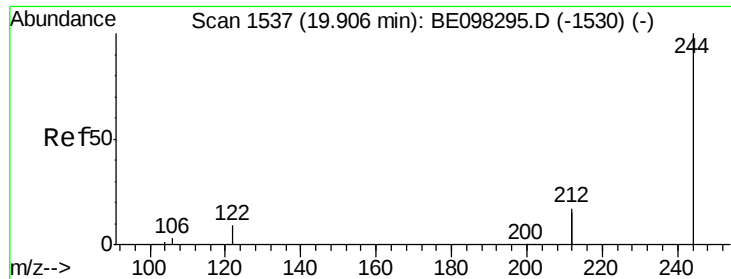
Delta R.T. 0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	18.1	14.1	21.1





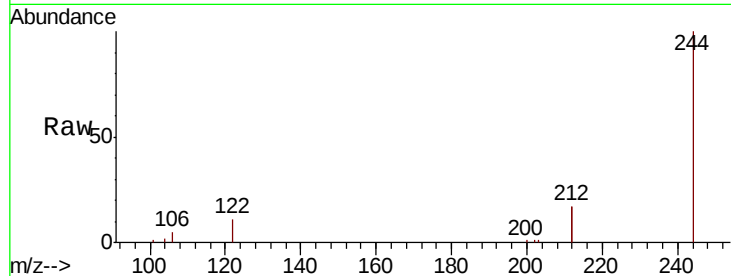
#29
 Terphenyl-d14
 Concen: 0.476 ng
 RT: 19.90 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BE098337.D
 Acq: 11 Dec 2018 17:43

Instrument :
 BNA_E
 ClientSampleId :
 BPS1-TT-MW306I-20181205MSD

Tot Ion:	244	Resp:	12250
Ion Ratio	Lower	Upper	
244	100		
212	34.9	27.4	41.0
122	10.9	8.3	12.5

Manual Integrations
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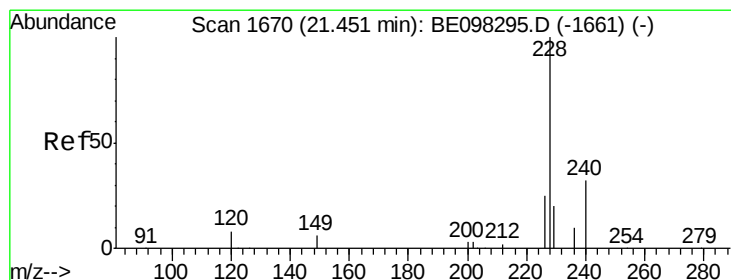
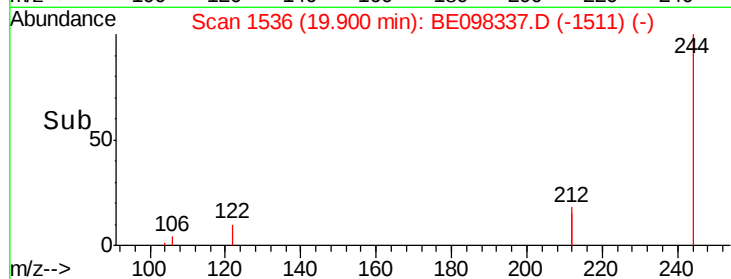
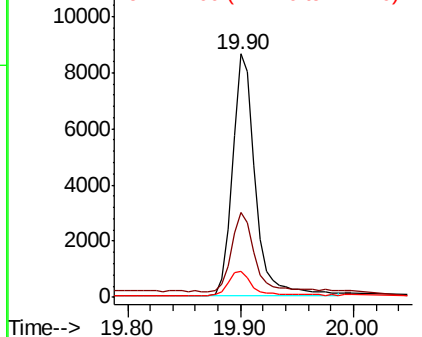


Abundance

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: 0.460 ng
 RT: 21.44 min Scan# 1669
 Delta R.T. -0.01 min
 Lab File: BE098337.D
 Acq: 11 Dec 2018 17:43

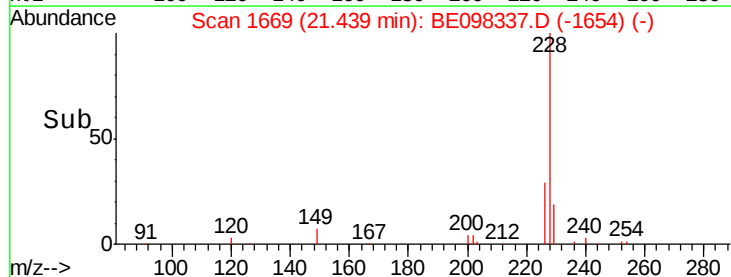
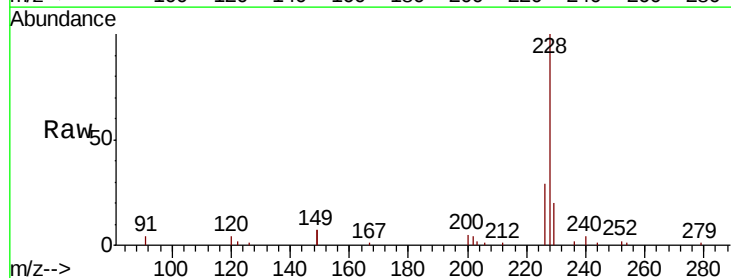
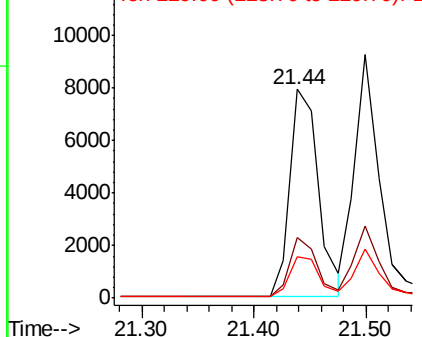
Tgt Ion:	228	Resp:	13868
Ion Ratio	Lower	Upper	
228	100		
226	29.1	21.8	32.8
229	20.1	16.3	24.5

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





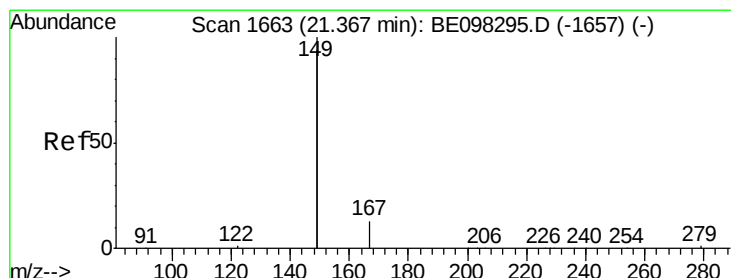
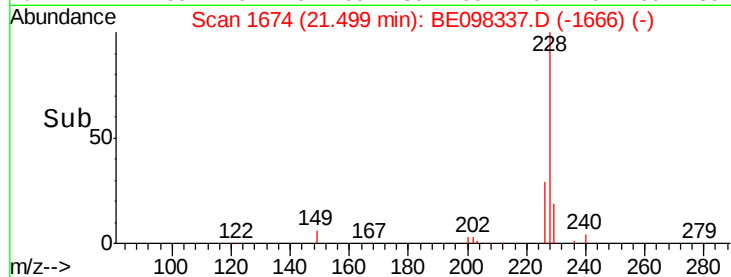
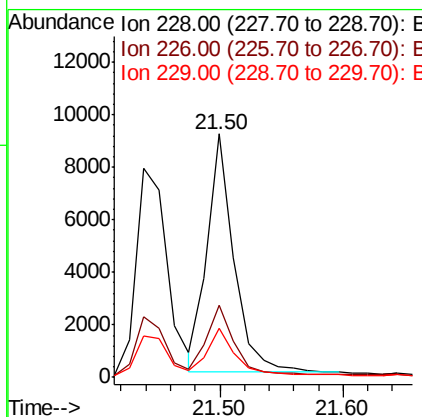
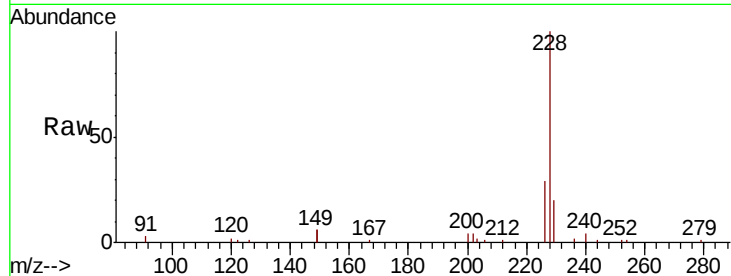
#31
Chrysene
Concen: 0.434 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.0
229	19.9	16.2	24.4

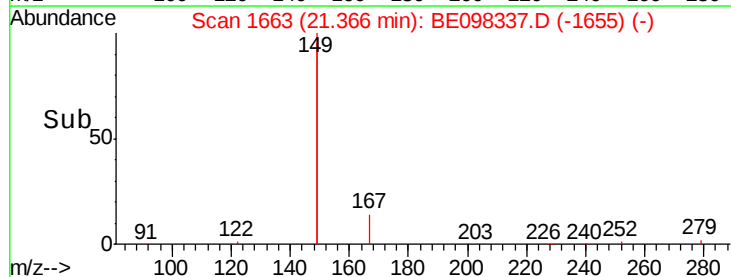
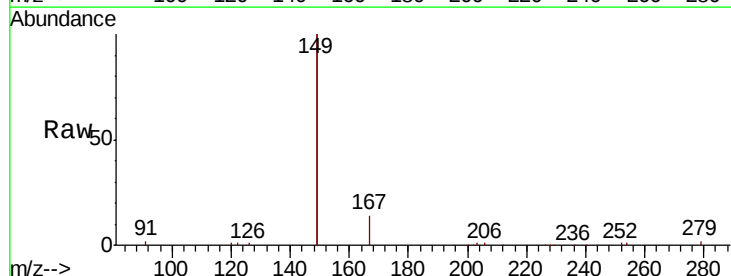
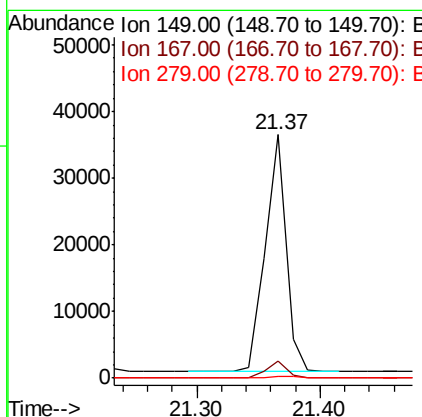
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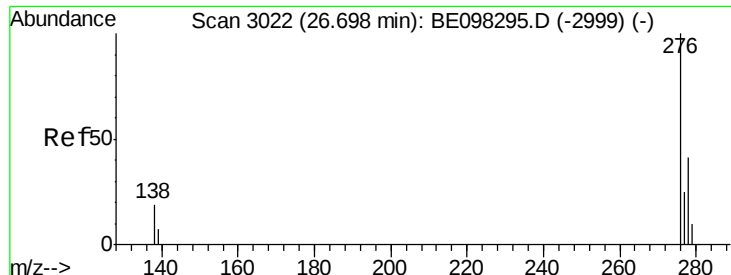
Sohil
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#32
Bis(2-ethylhexyl)phthalate
Concen: 0.695 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.8	5.7	8.5
279	1.1	1.0	1.4





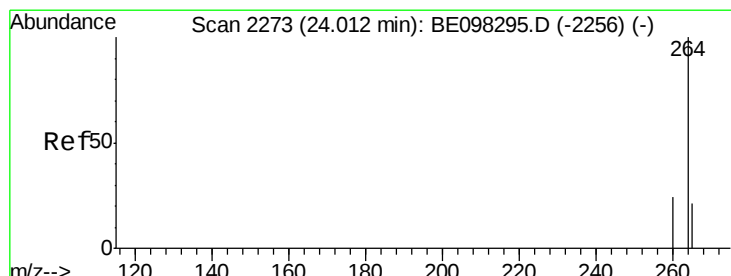
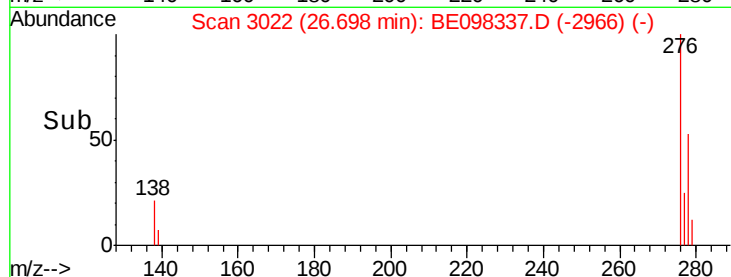
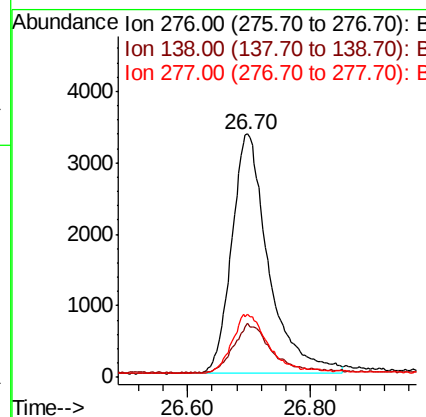
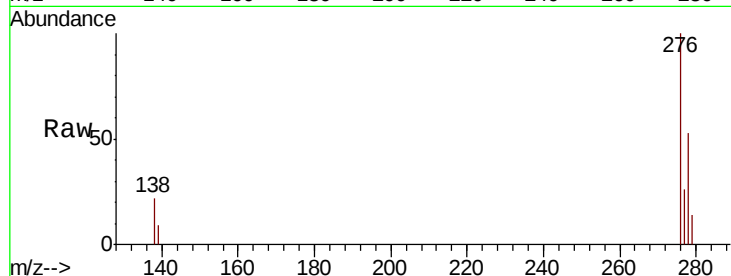
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.446 ng
RT: 26.70 min Scan# 3022
Delta R.T. 0.00 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.3	24.5
277	23.7	20.2	30.4

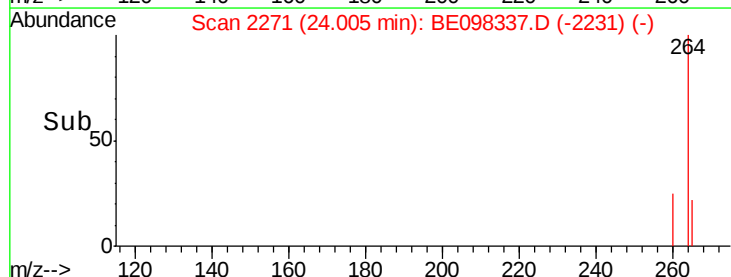
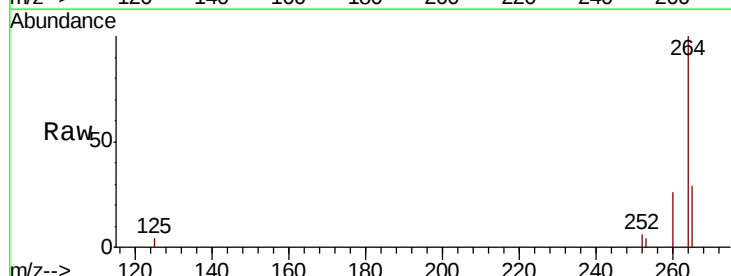
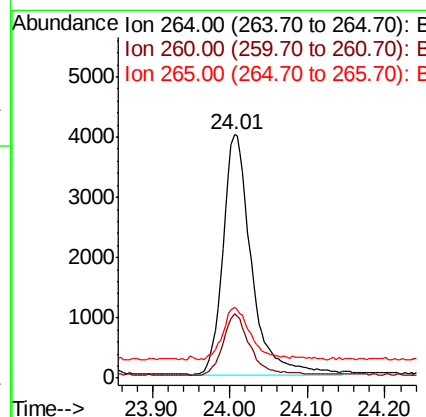
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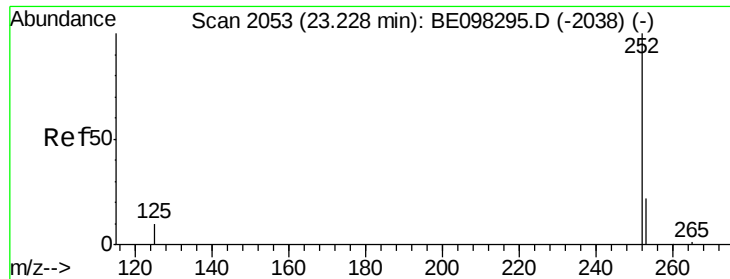
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#34
Perylene-d12
Concen: 0.400 ng
RT: 24.01 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.2	20.2	30.2
265	29.3	25.2	37.8





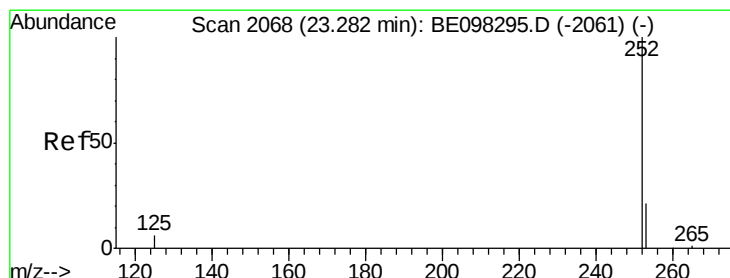
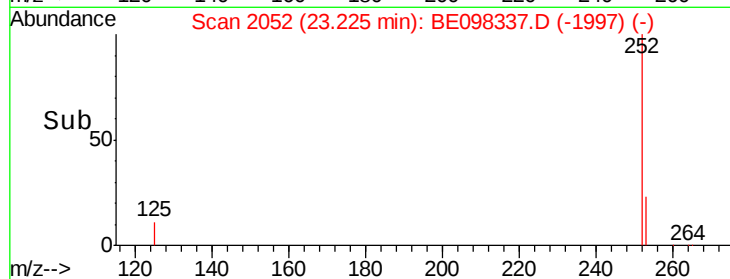
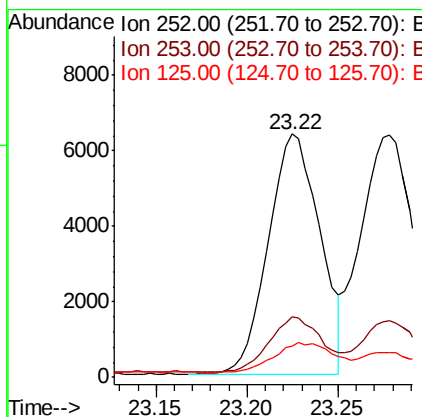
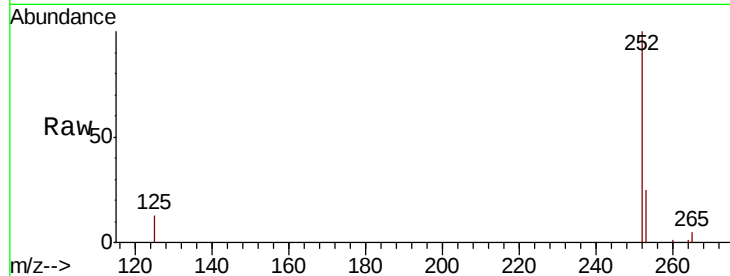
#35
Benzo(b)fluoranthene
Concen: 0.450 ng
RT: 23.22 min Scan# 2052
Delta R.T. -0.00 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion:252	Resp:	12451
Ion Ratio	Lower	Upper
252	100	
253	24.8	20.0 30.0
125	12.8	9.6 14.4

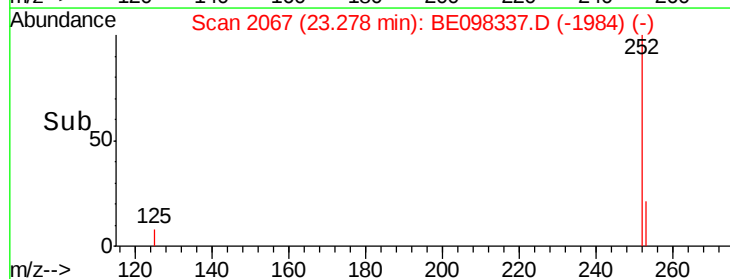
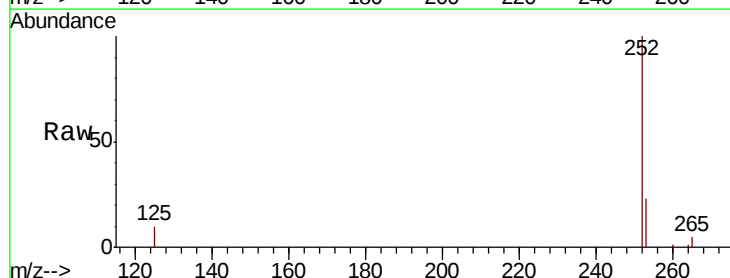
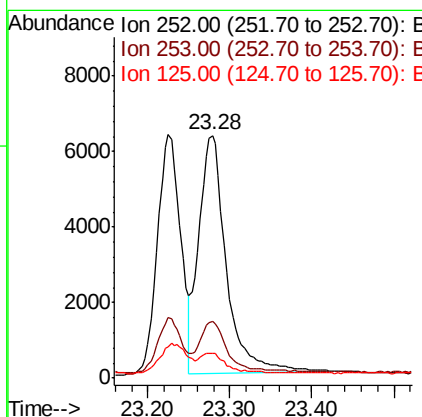
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#36
Benzo(k)fluoranthene
Concen: 0.457 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

Tgt Ion:252	Resp:	14711
Ion Ratio	Lower	Upper
252	100	
253	23.2	19.0 28.6
125	10.1	9.1 13.7





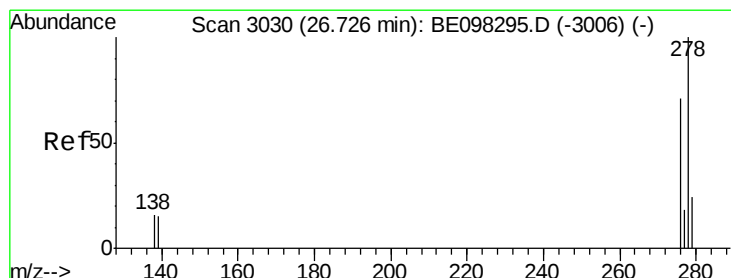
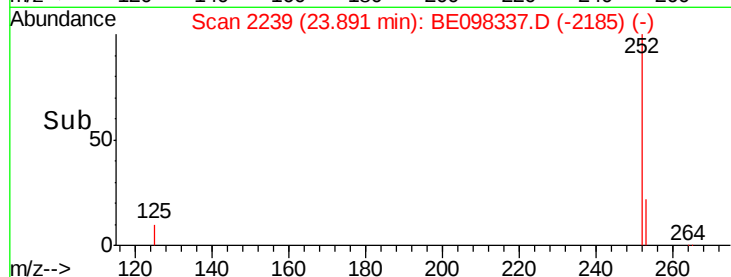
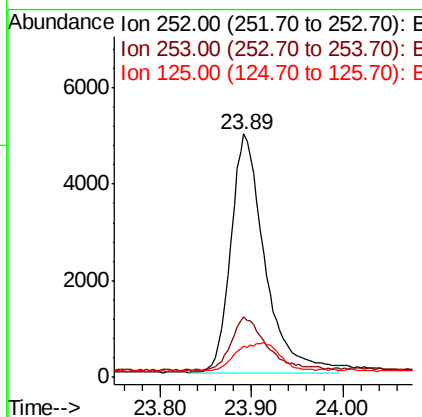
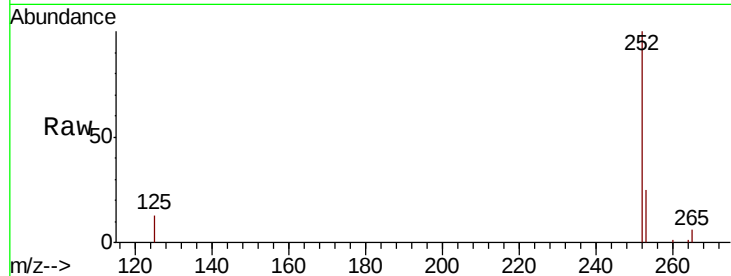
#37
Benzo(a)pyrene
Concen: 0.449 ng
RT: 23.89 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.6	20.6	30.8
125	12.6	10.5	15.7

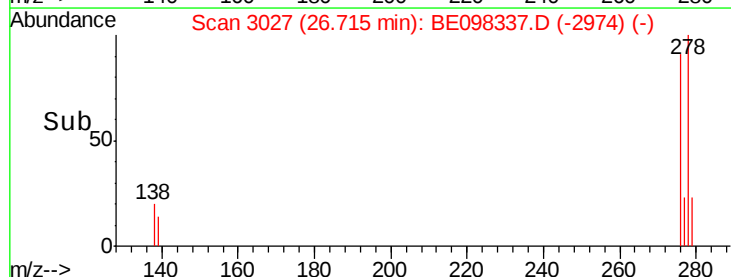
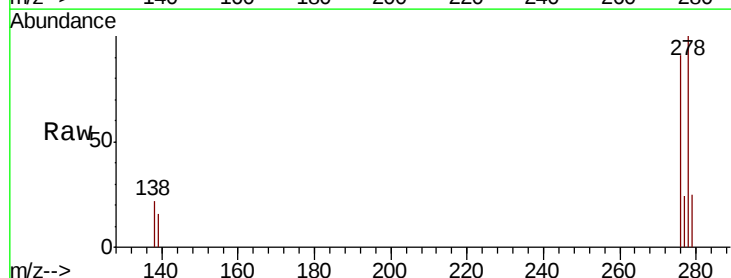
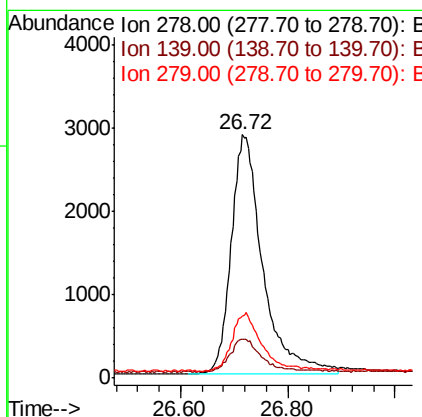
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#38
Dibenzo(a,h)anthracene
Concen: 0.437 ng
RT: 26.72 min Scan# 3027
Delta R.T. -0.01 min
Lab File: BE098337.D
Acq: 11 Dec 2018 17:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	14.5	21.7
279	25.2	21.8	32.8





#39

Benzo(a,h,i)perylene

Concen: 0.444 ng

RT: 27.52 min Scan# 3253

Delta R.T. 0.00 min

Lab File: BE098337.D

Acq: 11 Dec 2018 17:43

Instrument :

BNA_E

ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:	276	Resp:	12035
Ion Ratio		Lower	Upper
276	100		
277	24.8	20.8	31.2
138	19.2	15.8	23.6

Manual Integrations
APPROVED

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