

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
 Data File : BE098324.D
 Acq On : 11 Dec 2018 8:04
 Operator : SJ/JU
 Sample : J6259-08MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 12/11/2018 6:08:40 PM

Quant Time: Dec 11 10:43:50 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	1155	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	5000	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	3138	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	8577	0.40	ng	-0.01
27) Chrysene-d12	21.46	240	11110	0.40	ng	0.00
34) Perylene-d12	24.01	264	10488	0.40	ng	0.00

System Monitoring Compounds						
4) 2-Fluorophenol	5.46	112	480	0.18	ng	0.01
5) Phenol-d6	7.05	99	419	0.11	ng	0.00
8) Nitrobenzene-d5	9.03	82	1930	0.42	ng	0.01
11) 2-Methylnaphthalene-d10	12.27	152	3394m	0.42	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	574	0.50	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	6506	0.49	ng	0.00
25) Fluoranthene-d10	19.31	212	51812	0.47	ng	0.00
29) Terphenyl-d14	19.90	244	12956	0.48	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.37	88	1371	0.686	ng	95
6) bis(2-Chloroethyl)ether	7.29	93	1292	0.355	ng	91
9) Naphthalene	10.70	128	21679	0.431	ng	99
10) Hexachlorobutadiene	10.99	225	1207	0.377	ng	95
12) 2-Methylnaphthalene	12.34	142	3667	0.449	ng	98
16) Acenaphthylene	14.24	152	6503	0.442	ng	99
17) Acenaphthene	14.59	154	3675	0.416	ng	99
18) Fluorene	15.57	166	5119	0.433	ng	98
20) 4-Bromophenyl-phenylether	16.46	248	1838	0.398	ng	87
21) Hexachlorobenzene	16.58	284	1952	0.393	ng	100
22) Pentachlorophenol	16.94	266	740	0.812	ng	92
23) Phenanthrene	17.31	178	9495	0.456	ng	98
24) Anthracene	17.41	178	8355	0.450	ng	99
26) Fluoranthene	19.34	202	13360	0.484	ng	100
28) Pyrene	19.70	202	13883	0.398	ng	99
30) Benzo(a)anthracene	21.44	228	14637	0.463	ng	98
31) Chrysene	21.50	228	14284	0.431	ng	99
32) Bis(2-ethylhexyl)phthalate	21.37	149	46457	0.723	ng	99
33) Indeno(1,2,3-cd)pyrene	26.70	276	15074	0.457	ng	99
35) Benzo(b)fluoranthene	23.22	252	13086	0.456	ng	97
36) Benzo(k)fluoranthene	23.28	252	14964	0.448	ng	99
37) Benzo(a)pyrene	23.89	252	13578	0.459	ng	99
38) Dibenzo(a,h)anthracene	26.72	278	12532	0.450	ng	98
39) Benzo(g,h,i)perylene	27.52	276	12658	0.451	ng	99

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

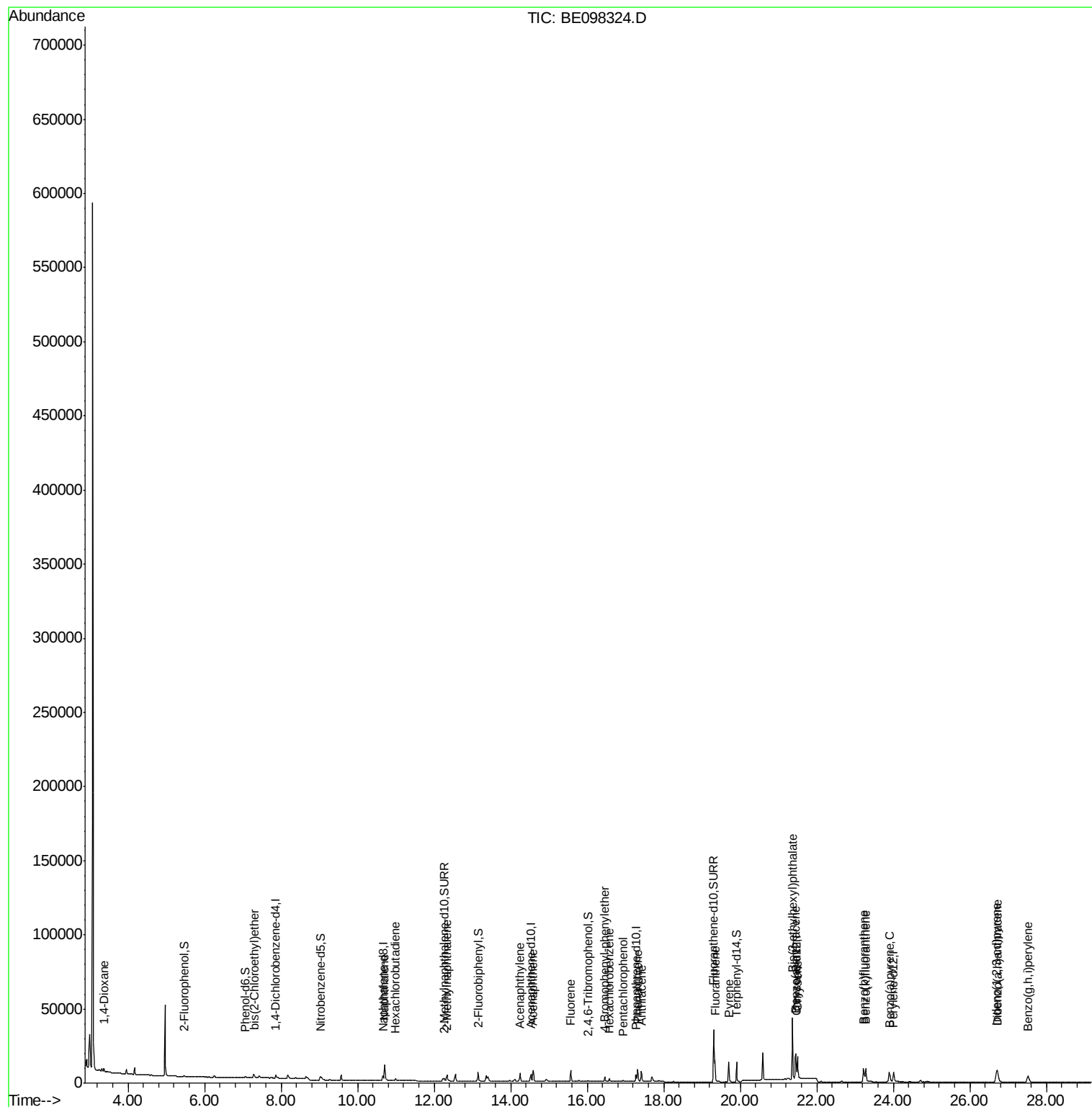
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121018\
Data File : BE098324.D
Acq On : 11 Dec 2018 8:04
Operator : SJ/JU
Sample : J6259-08MSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

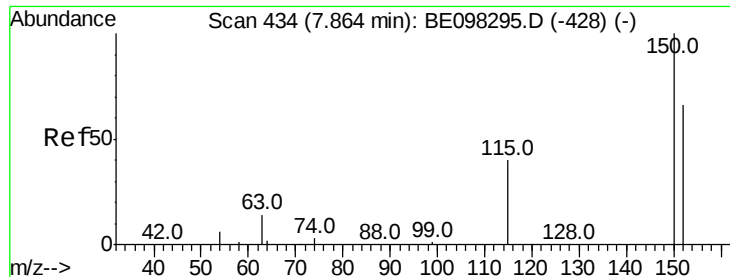
Instrument :
BNA_E
ClientSampleId :
BPS1-TT-MW306I-20181205MSD

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 14:59:55 2018
Response via : Initial Calibration





#1

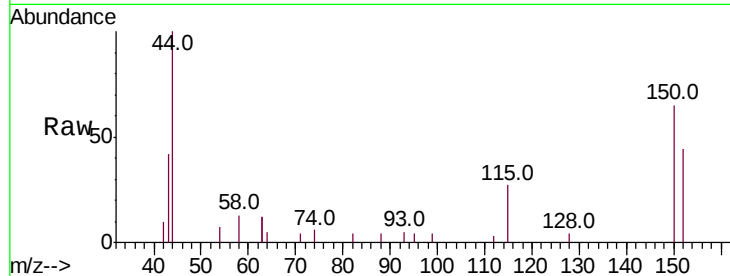
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. 0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	148.3	124.2	186.4
115	62.4	53.9	80.9

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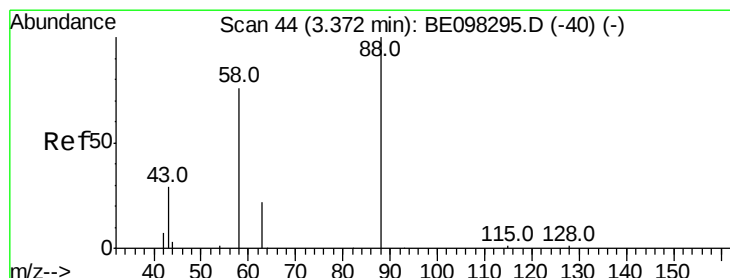
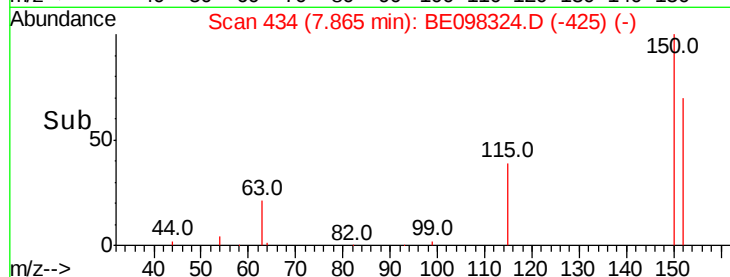
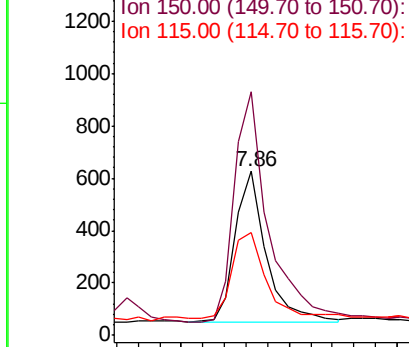


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

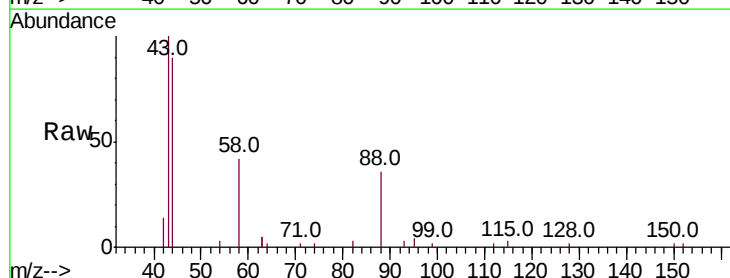
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 0.686 ng
RT: 3.37 min Scan# 44
Delta R.T. 0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

Tgt Ion	Ratio	Lower	Upper
88	100		
58	88.0	75.0	112.6
43	50.5	38.3	57.5

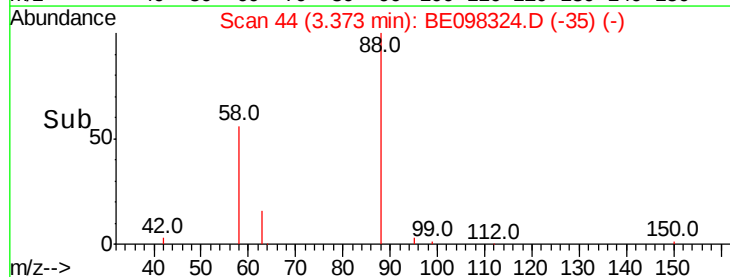
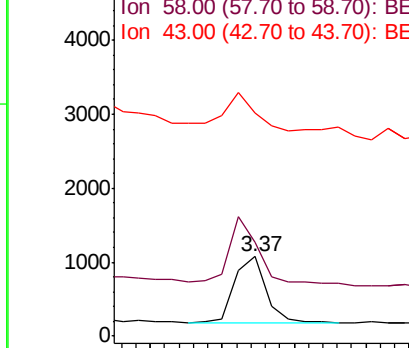


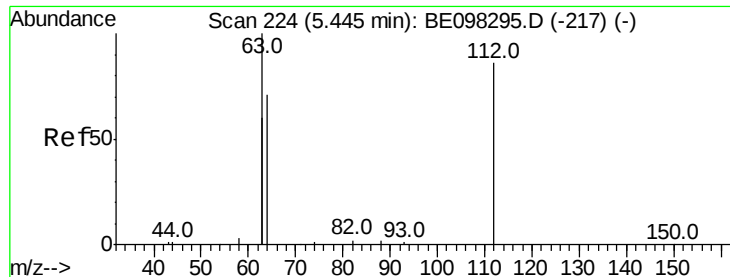
Abundance

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





#4

2-Fluorophenol

Concen: 0.178 ng

RT: 5.46 min Scan# 225

Delta R.T. 0.01 min

Lab File: BE098324.D

Acq: 11 Dec 2018 8:04

Instrument :

BNA_E

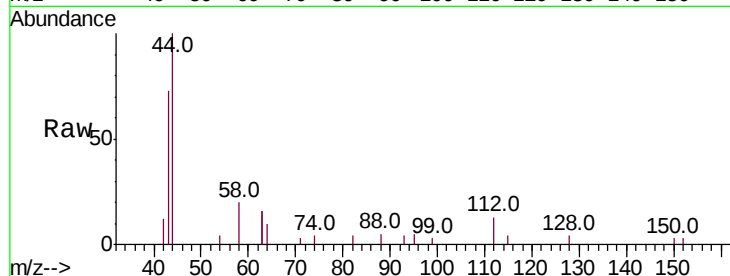
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

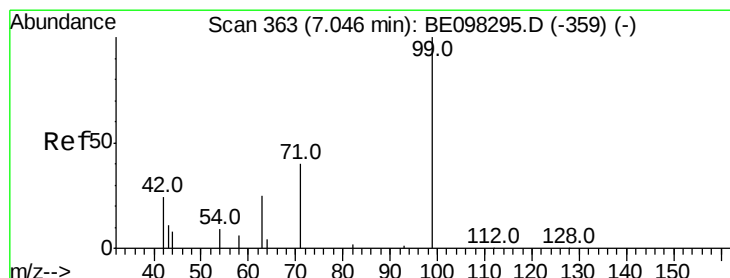
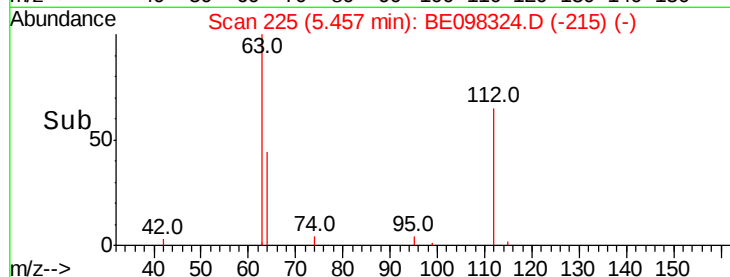
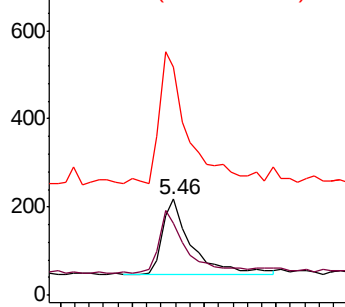
Tot Ion:	112	Resp:	480
Ion Ratio	Lower	Upper	
112	100		
64	79.0	59.8	89.8
63	172.5	133.7	200.5

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Abundance Ion 112.00 (111.70 to 112.70): BE098324.D (-217) (-)



#5

Phenol-d6

Concen: 0.109 ng

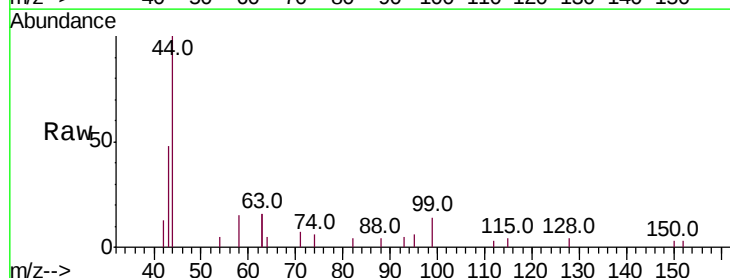
RT: 7.05 min Scan# 363

Delta R.T. 0.00 min

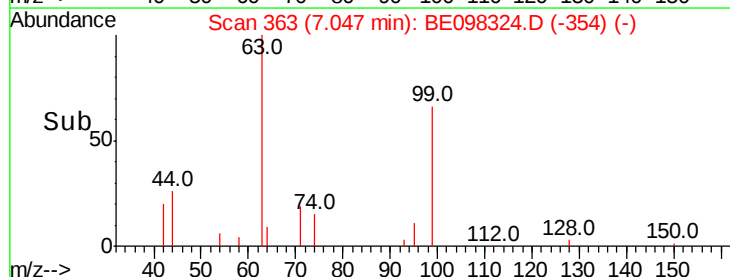
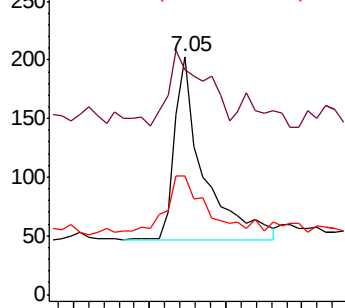
Lab File: BE098324.D

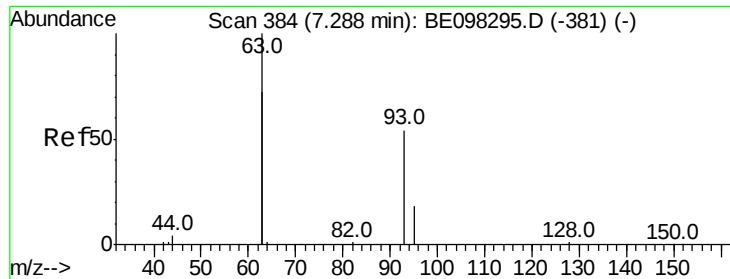
Acq: 11 Dec 2018 8:04

Tgt Ion:	99	Resp:	419
Ion Ratio	Lower	Upper	
99	100		
42	49.9	26.3	39.5#
71	37.9	33.6	50.4



Abundance Ion 99.00 (98.70 to 99.70): BE098324.D (-359) (-)





#6

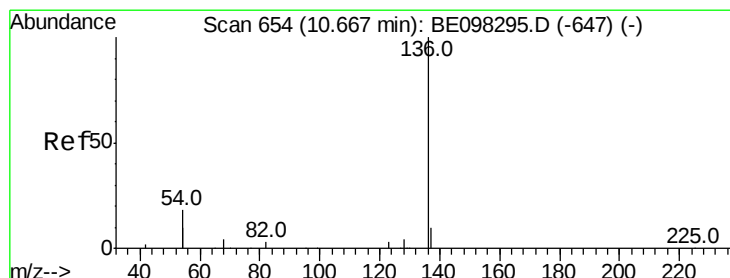
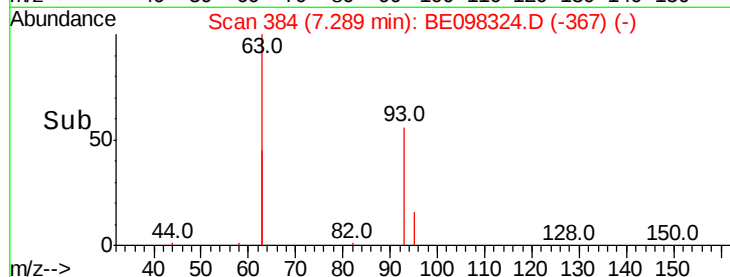
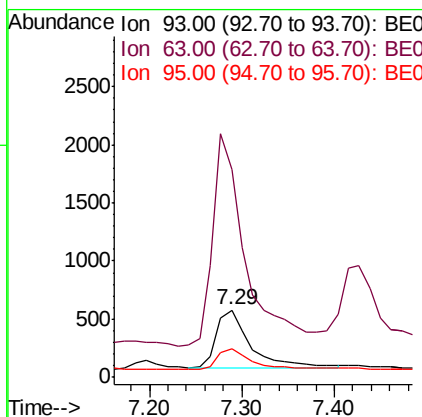
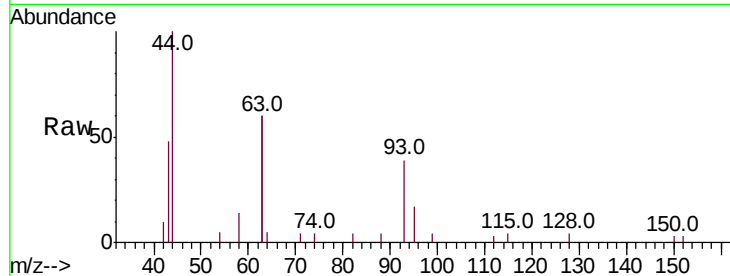
bis(2-Chloroethyl)ether
Concen: 0.355 ng
RT: 7.29 min Scan# 384
Delta R.T. 0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

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

Tot Ion:	93	Resp:	1292
Ion	Ratio	Lower	Upper
93	100		
63	351.0	264.4	396.6
95	35.9	26.6	40.0

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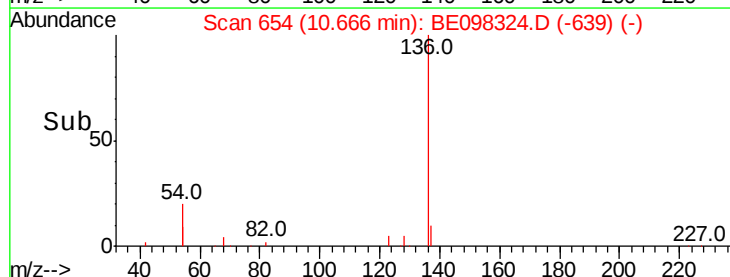
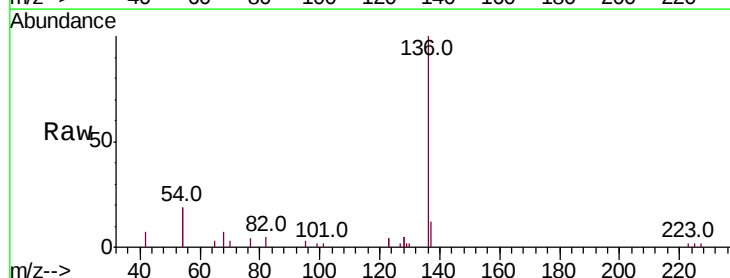
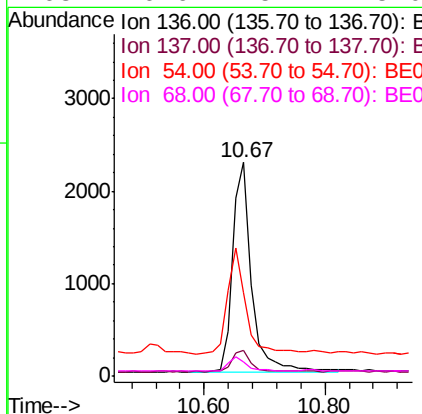
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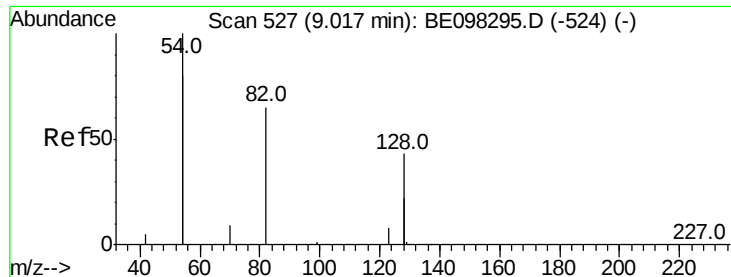


#7

Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 654
Delta R.T. -0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

Tgt Ion:	136	Resp:	5000
Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.2	13.8
54	38.8	28.4	42.6
68	6.6	5.4	8.0





#8

Nitrobenzene-d5

Concen: 0.424 ng

RT: 9.03 min Scan# 528

Delta R.T. 0.01 min

Lab File: BE098324.D

Acq: 11 Dec 2018 8:04

Instrument :

BNA_E

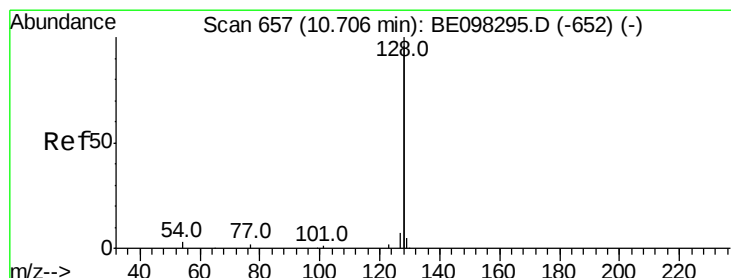
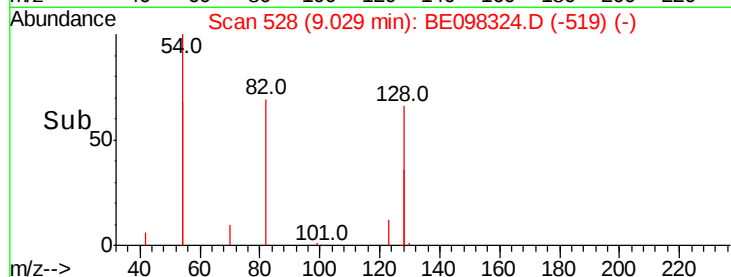
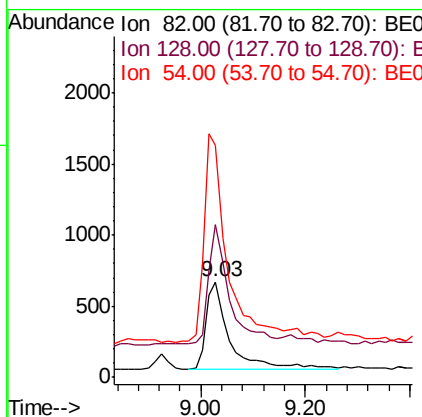
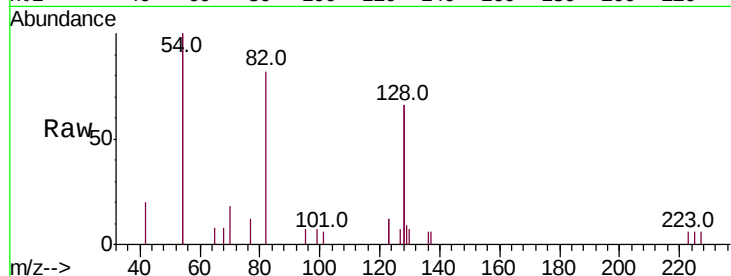
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion	82	Resp	1930
Ion	Ratio	Lower	Upper
82	100		
128	159.7	102.4	153.6#
54	243.3	221.8	332.8

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#9

Naphthalene

Concen: 0.431 ng

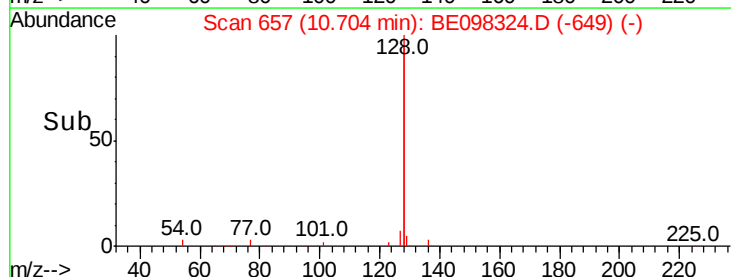
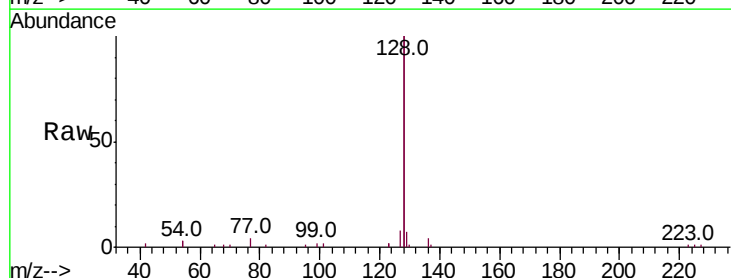
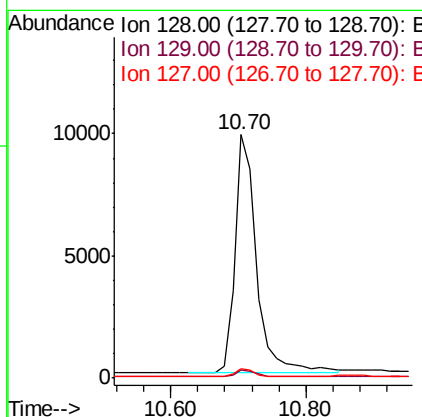
RT: 10.70 min Scan# 657

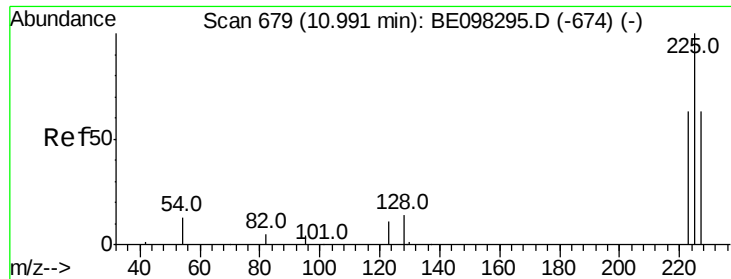
Delta R.T. -0.00 min

Lab File: BE098324.D

Acq: 11 Dec 2018 8:04

Tgt Ion	128	Resp	21679
Ion	Ratio	Lower	Upper
128	100		
129	3.3	2.5	3.7
127	3.8	2.7	4.1





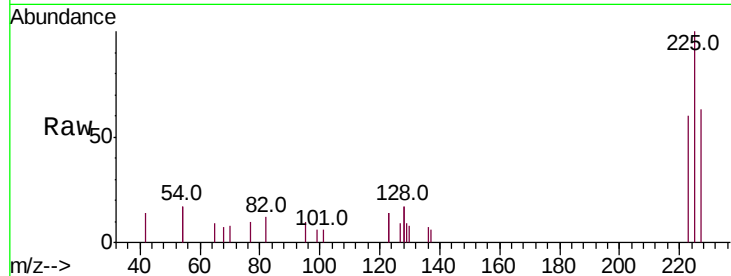
#10
Hexachlorobutadiene
Concen: 0.377 ng
RT: 10.99 min Scan# 679
Delta R.T. -0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

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

Tot Ion	Ratio	Resp	Lower	Upper
225	100	1207		
223	57.5		49.4	74.0
227	61.6		52.0	78.0

Manual Integrations
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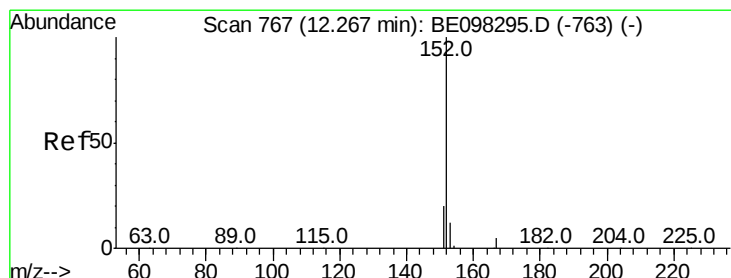
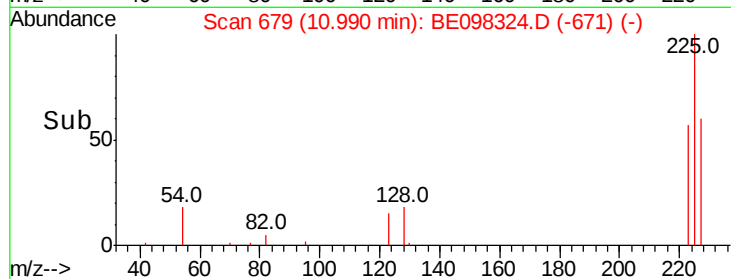
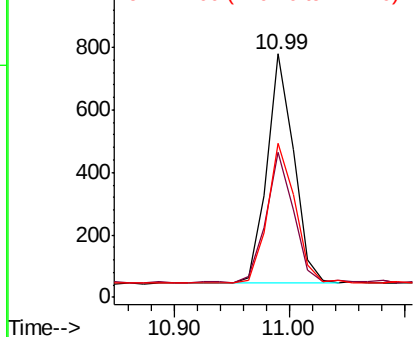


Abundance

Ion 225.00 (224.70 to 225.70): E

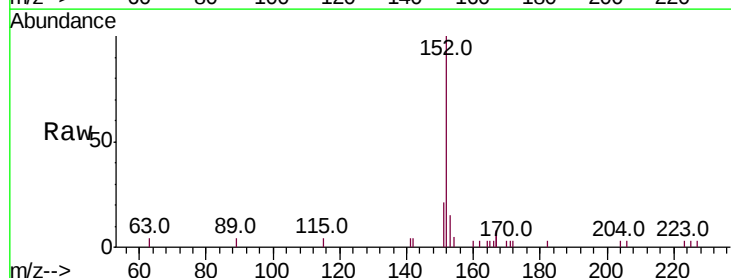
Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#11
2-Methylnaphthalene-d10
Concen: 0.417 ng m
RT: 12.27 min Scan# 767
Delta R.T. 0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

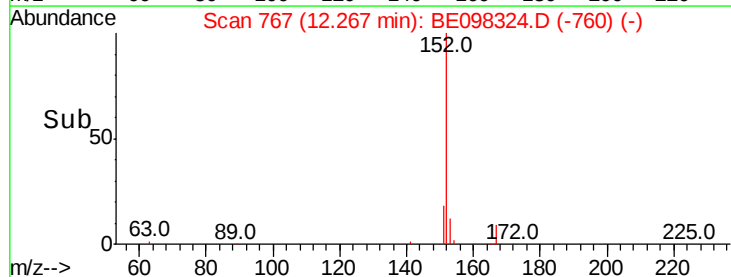
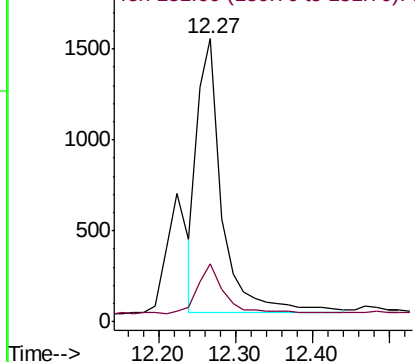
Tgt Ion	Ratio	Resp	Lower	Upper
152	100	3394		
151	18.8		16.2	24.4

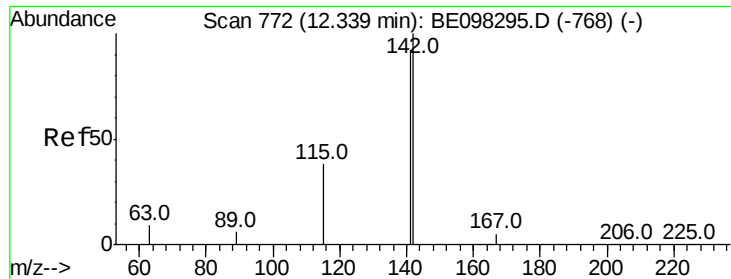


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





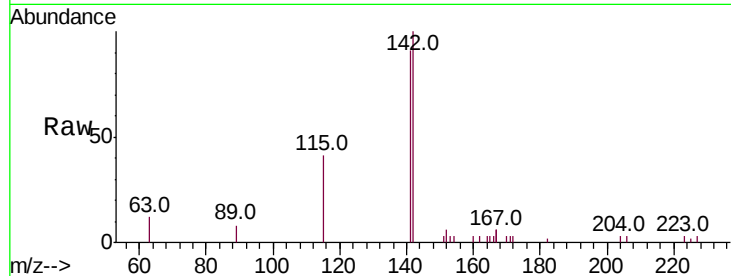
#12
2-Methylnaphthalene
Concen: 0.449 ng
RT: 12.34 min Scan# 772
Delta R.T. 0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

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

Tot Ion:	142	Resp:	3667
Ion Ratio	Lower	Upper	
142	100		
141	91.4	71.0	106.6
115	40.7	32.2	48.2

Manual Integrations
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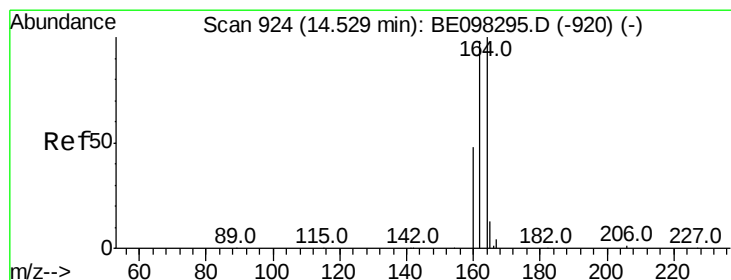
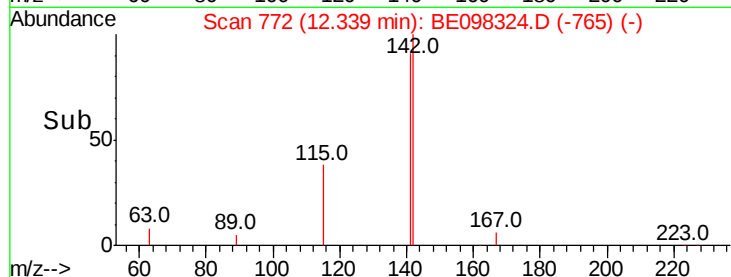
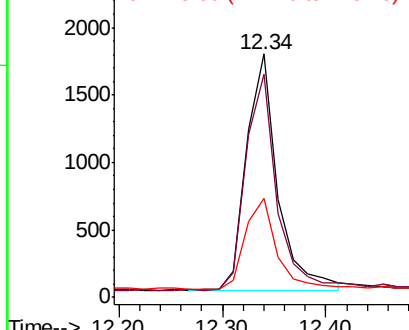


Abundance

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: 14.53 min Scan# 924
Delta R.T. 0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

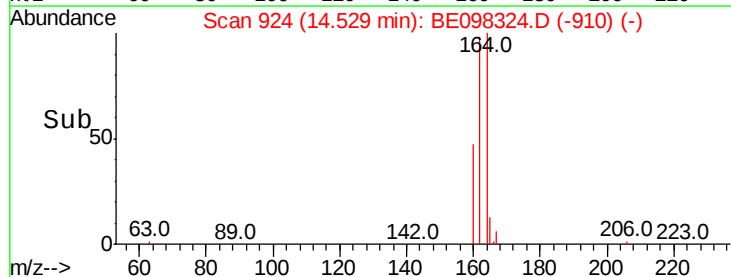
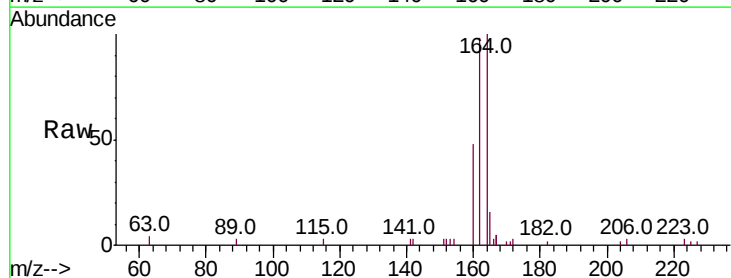
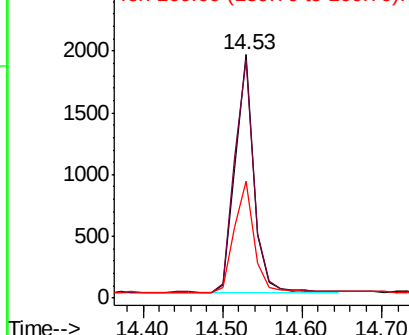
Tgt Ion:	164	Resp:	3138
Ion Ratio	Lower	Upper	
164	100		
162	97.9	77.6	116.4
160	47.8	36.0	54.0

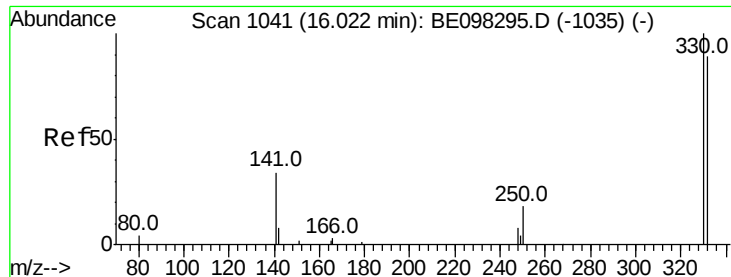
Abundance

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





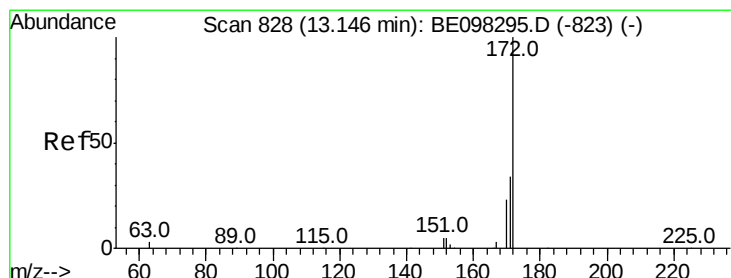
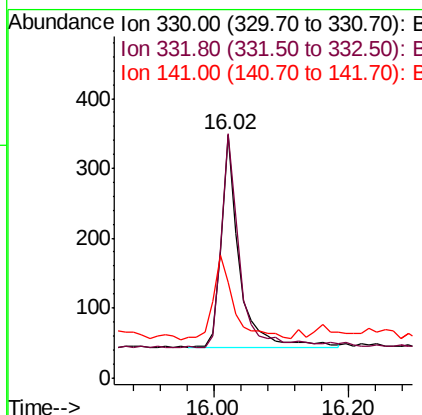
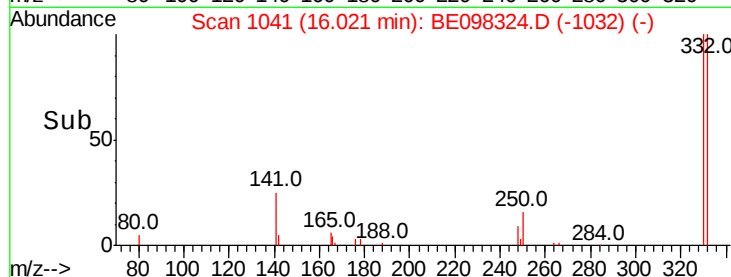
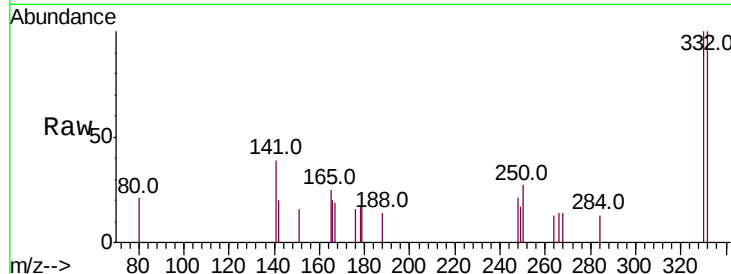
#14
 2,4,6-Tribromophenol
 Concen: 0.498 ng
 RT: 16.02 min Scan# 1041
 Delta R.T. -0.00 min
 Lab File: BE098324.D
 Acq: 11 Dec 2018 8:04

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	101.7	76.2	114.4
141	45.6	39.0	58.4

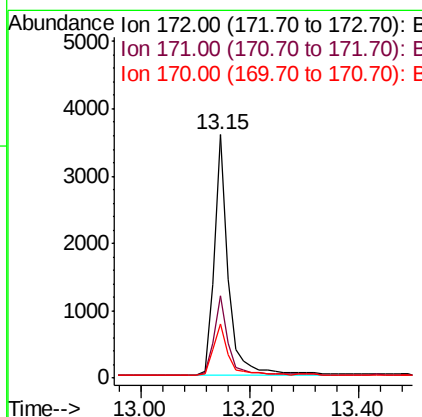
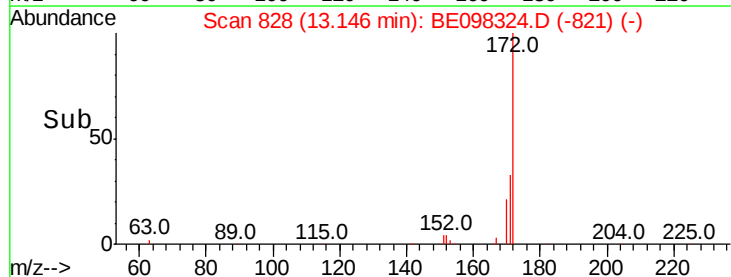
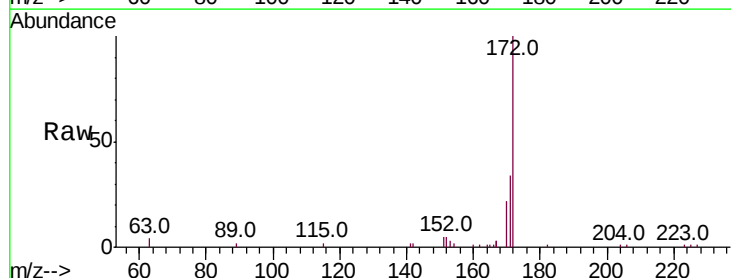
Manual Integrations
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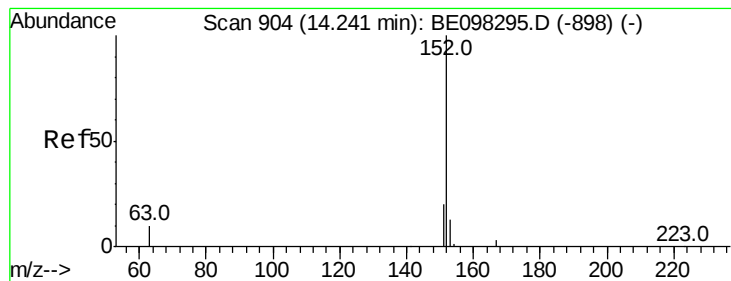
Sohil
 12/11/2018 6:08:40 PM



#15
 2-Fluorobiphenyl
 Concen: 0.492 ng
 RT: 13.15 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BE098324.D
 Acq: 11 Dec 2018 8:04

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.7	27.5	41.3
170	22.2	19.6	29.4





#16

Acenaphthylene

Concen: 0.442 ng

RT: 14.24 min Scan# 904

Delta R.T. 0.00 min

Lab File: BE098324.D

Acq: 11 Dec 2018 8:04

Instrument :

BNA_E

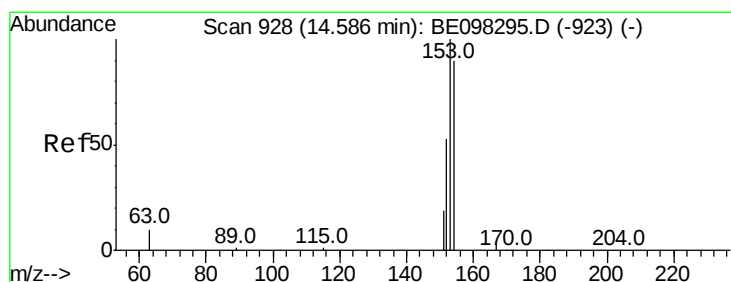
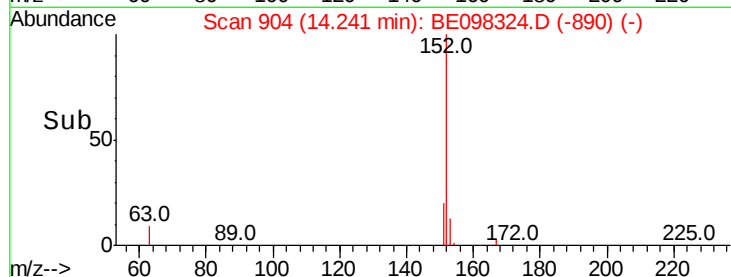
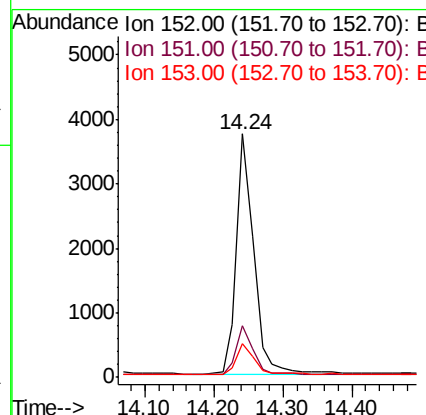
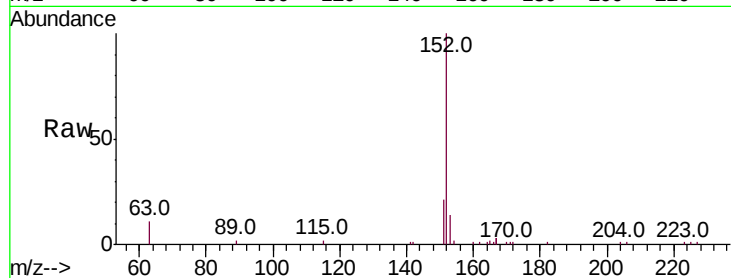
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:	152	Resp:	6503
Ion Ratio	Lower	Upper	
152	100		
151	19.7	15.5	23.3
153	12.7	10.6	16.0

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#17

Acenaphthene

Concen: 0.416 ng

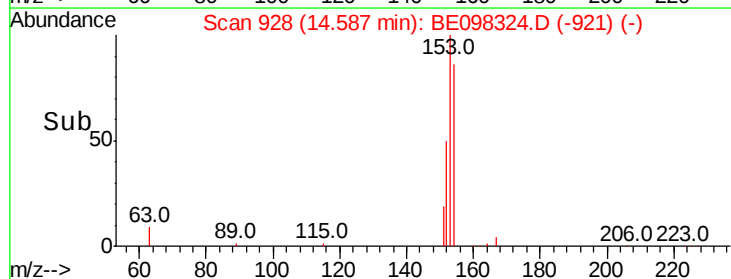
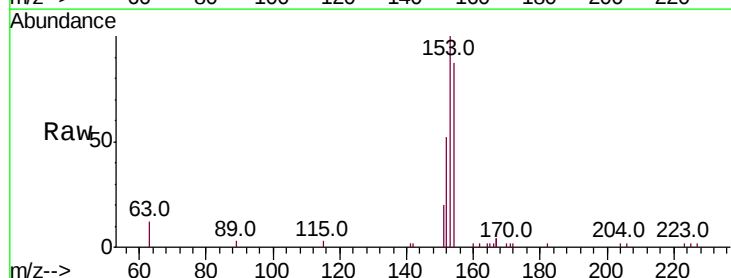
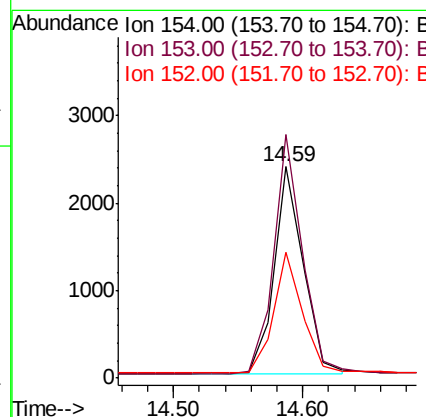
RT: 14.59 min Scan# 928

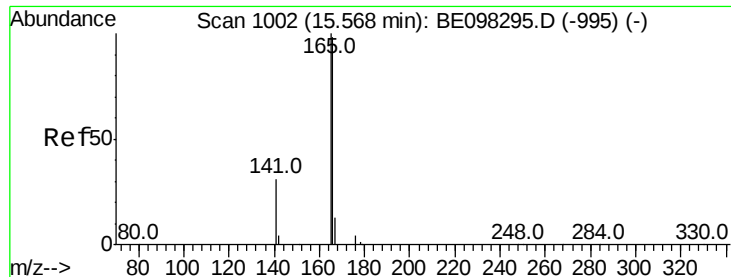
Delta R.T. 0.00 min

Lab File: BE098324.D

Acq: 11 Dec 2018 8:04

Tgt Ion:	154	Resp:	3675
Ion Ratio	Lower	Upper	
154	100		
153	114.8	91.8	137.6
152	58.3	45.5	68.3





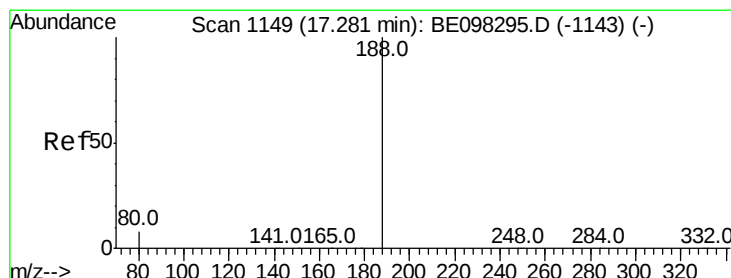
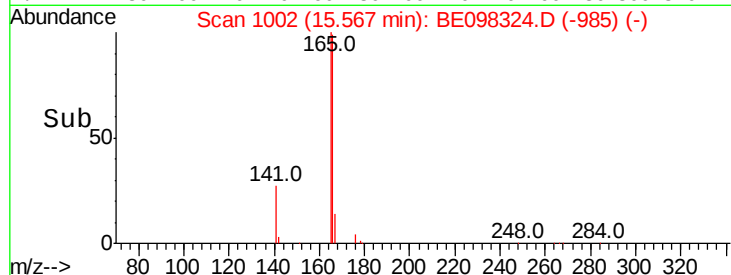
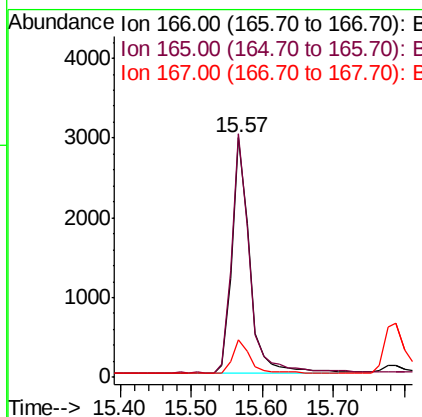
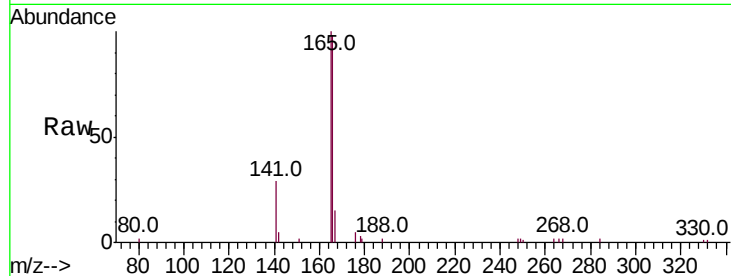
#18
Fluorene
 Concen: 0.433 ng
 RT: 15.57 min Scan# 1002
 Delta R.T. -0.00 min
 Lab File: BE098324.D
 Acq: 11 Dec 2018 8:04

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

Tot Ion:	166	Resp:	5119
Ion Ratio	Lower	Upper	
166	100		
165	101.5	79.3	118.9
167	13.8	11.3	16.9

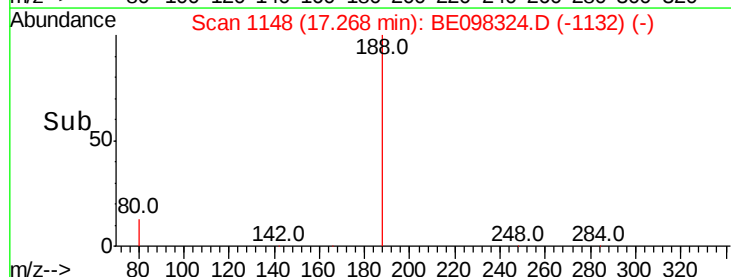
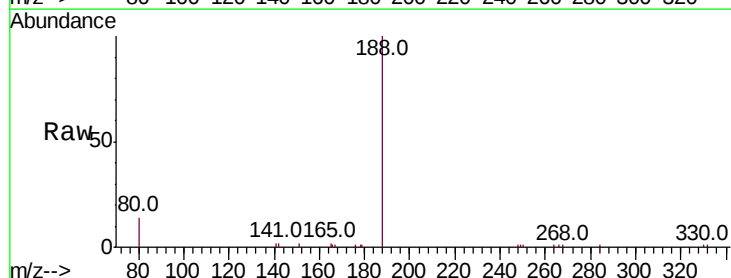
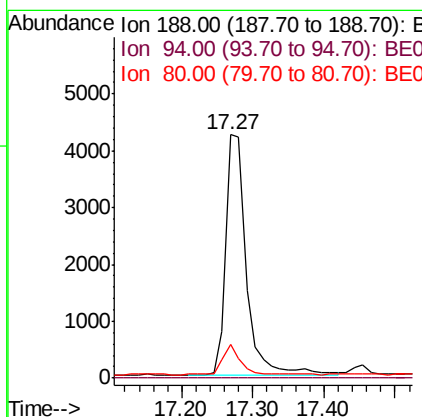
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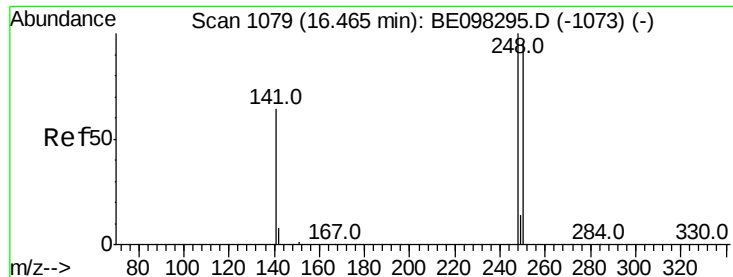
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#19
Phenanthrene-d10
 Concen: 0.400 ng
 RT: 17.27 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BE098324.D
 Acq: 11 Dec 2018 8:04

Tgt Ion:	188	Resp:	8577
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	14.1	7.2	10.8#





#20

4-Bromophenyl-phenylether

Concen: 0.398 ng

RT: 16.46 min Scan# 1079

Delta R.T. -0.00 min

Lab File: BE098324.D

Acq: 11 Dec 2018 8:04

Instrument :

BNA_E

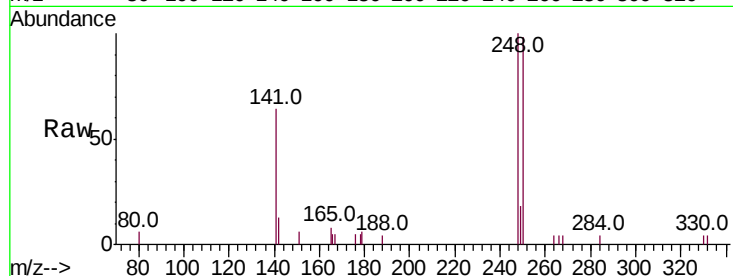
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

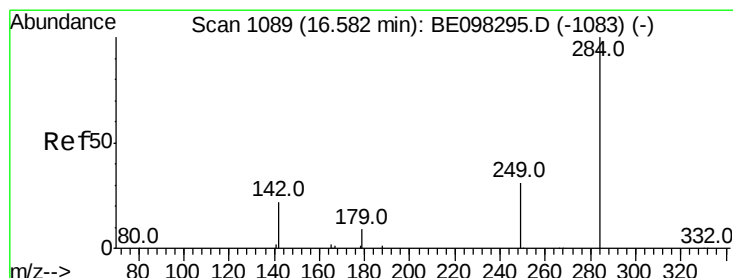
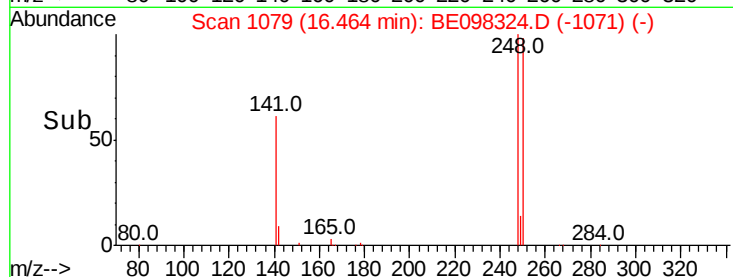
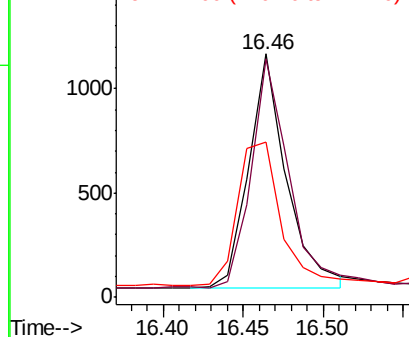
Tot Ion:	248	Resp:	1838
Ion Ratio	Lower	Upper	
248	100		
250	98.1	71.0	106.6
141	64.0	62.1	93.1

Manual Integrations
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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: 0.393 ng

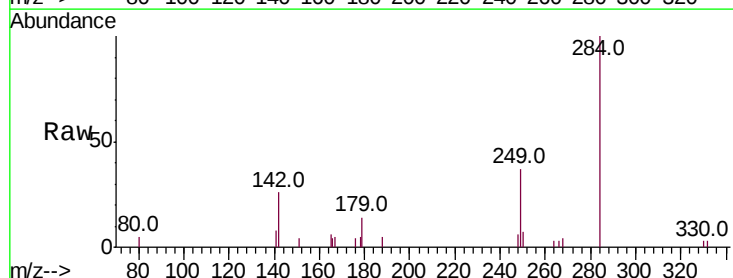
RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

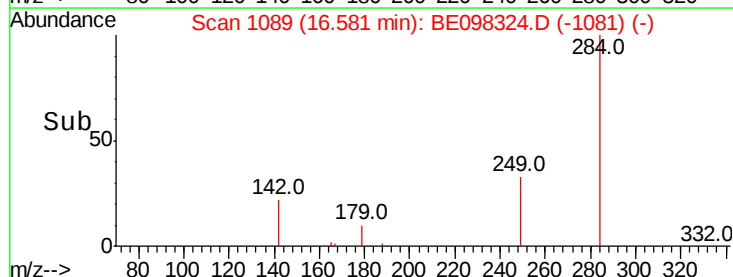
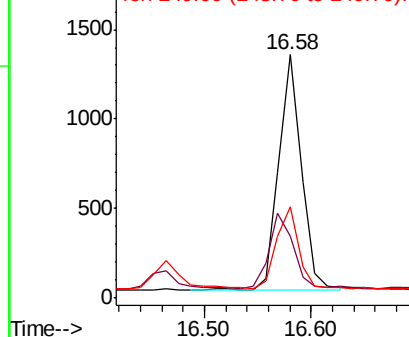
Lab File: BE098324.D

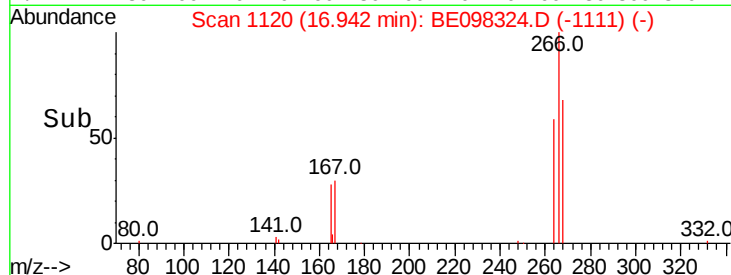
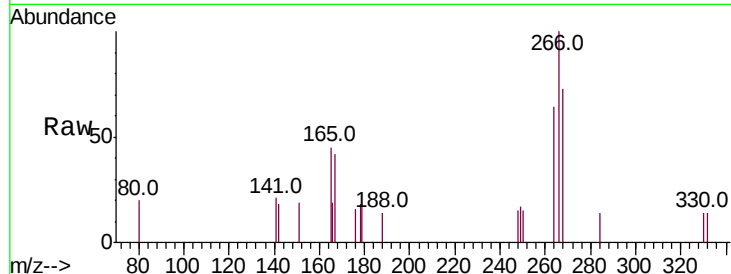
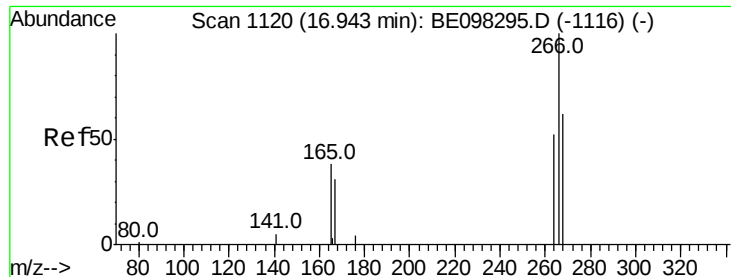
Acq: 11 Dec 2018 8:04

Tgt Ion:	284	Resp:	1952
Ion Ratio	Lower	Upper	
284	100		
142	33.3	26.3	39.5
249	32.5	26.0	39.0



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





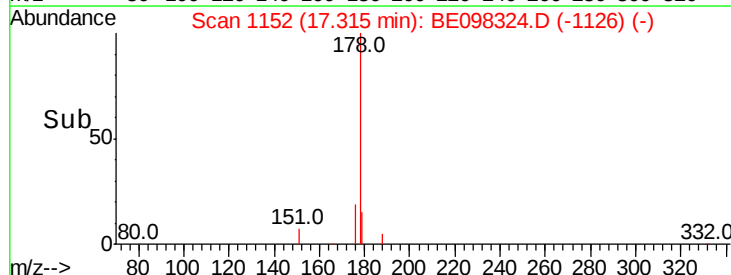
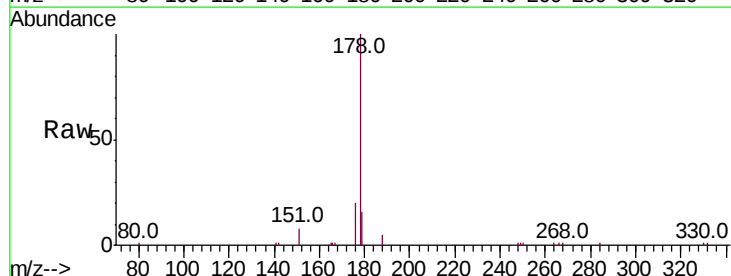
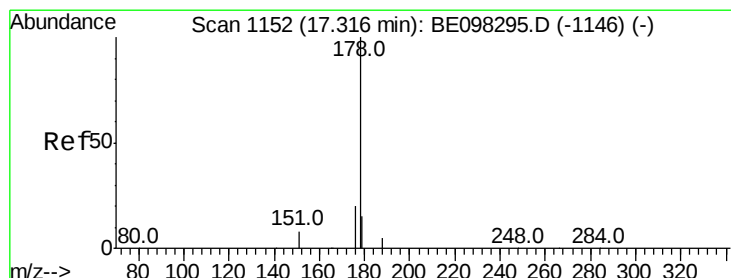
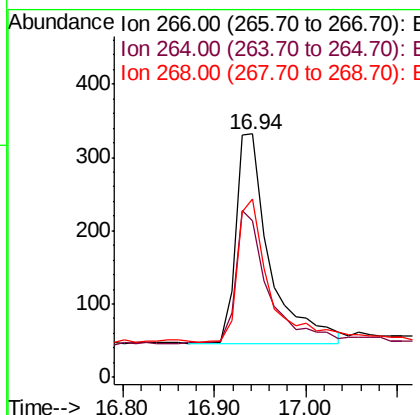
#22
 Pentachlorophenol
 Concen: 0.812 ng
 RT: 16.94 min Scan# 1120
 Delta R.T. -0.00 min
 Lab File: BE098324.D
 Acq: 11 Dec 2018 8:04

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

Tot Ion	Ratio	Lower	Upper
266	100		
264	64.5	59.0	88.4
268	73.5	55.1	82.7

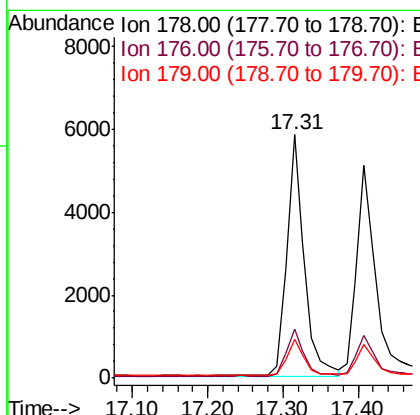
Manual Integrations
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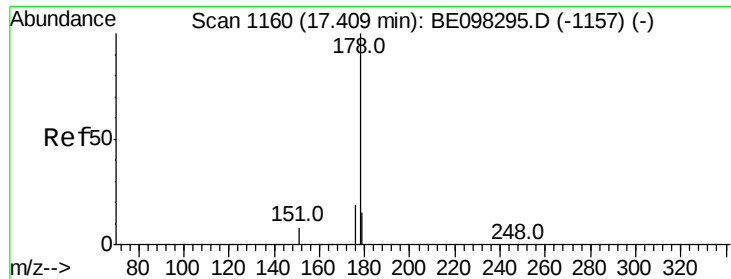
Sohil
 12/11/2018 6:08:40 PM



#23
 Phenanthrene
 Concen: 0.456 ng
 RT: 17.31 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BE098324.D
 Acq: 11 Dec 2018 8:04

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.9	23.9
179	14.9	12.3	18.5





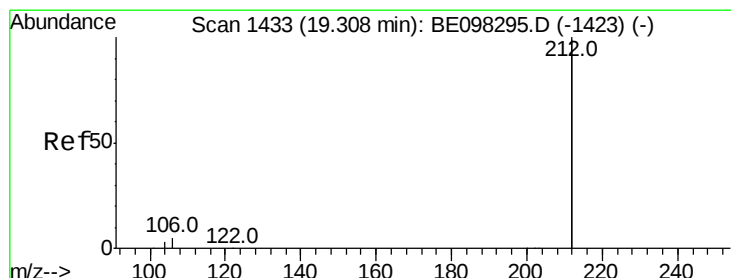
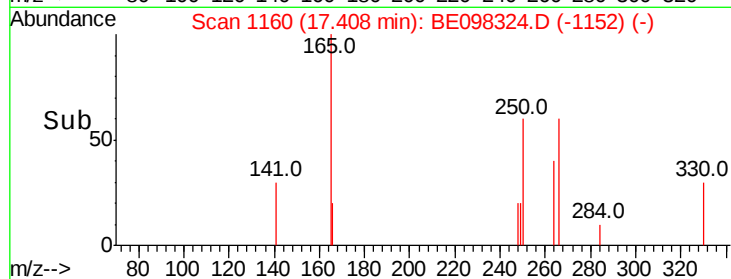
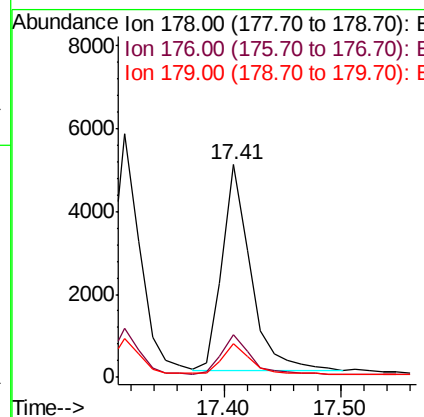
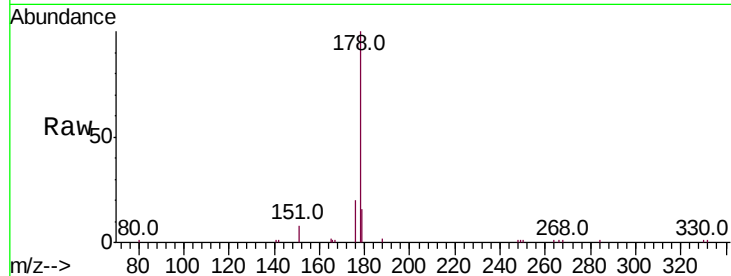
#24
 Anthracene
 Concen: 0.450 ng
 RT: 17.41 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BE098324.D
 Acq: 11 Dec 2018 8:04

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.0	22.4
179	14.4	12.3	18.5

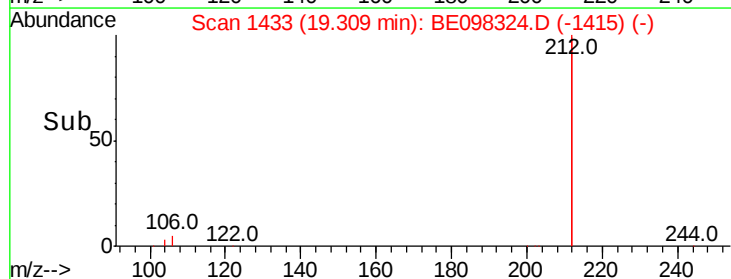
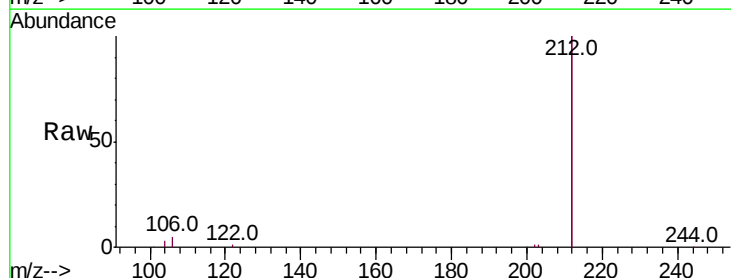
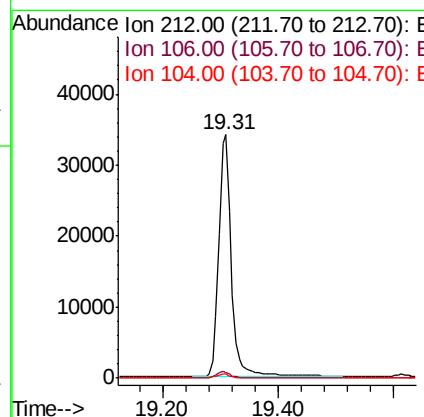
Manual Integrations
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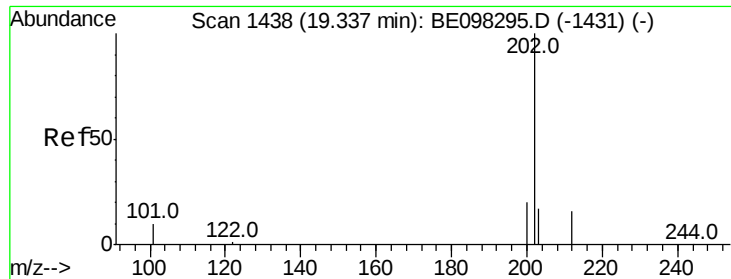
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#25
 Fluoranthene-d10
 Concen: 0.471 ng
 RT: 19.31 min Scan# 1433
 Delta R.T. 0.00 min
 Lab File: BE098324.D
 Acq: 11 Dec 2018 8:04

Tgt Ion	Ratio	Lower	Upper
212	100		
106	2.6	2.2	3.2
104	1.5	1.3	1.9





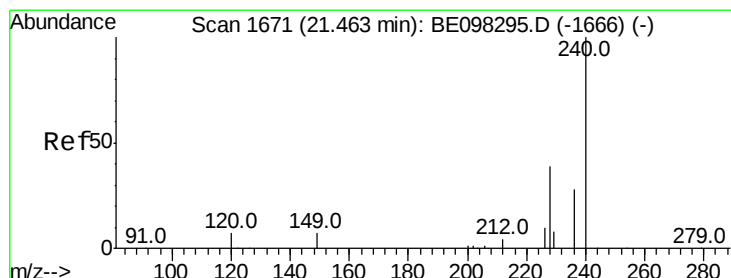
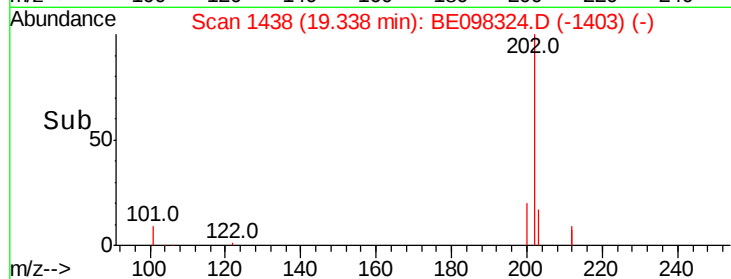
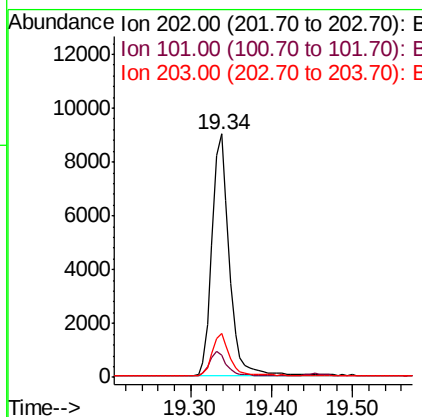
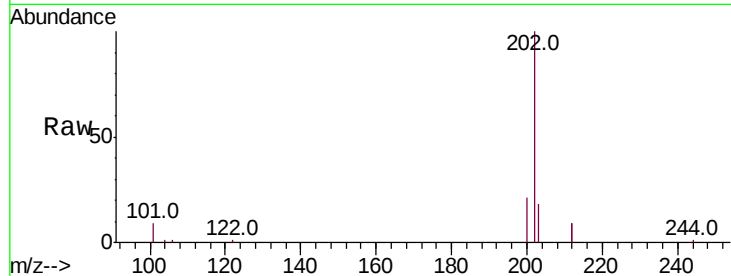
#26
 Fluoranthene
 Concen: 0.484 ng
 RT: 19.34 min Scan# 1438
 Delta R.T. 0.00 min
 Lab File: BE098324.D
 Acq: 11 Dec 2018 8:04

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

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.9	8.0	12.0
203	17.0	13.8	20.6

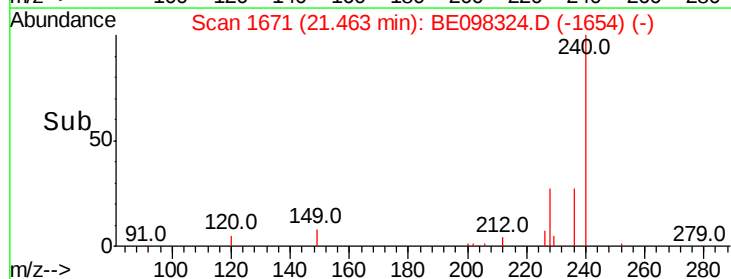
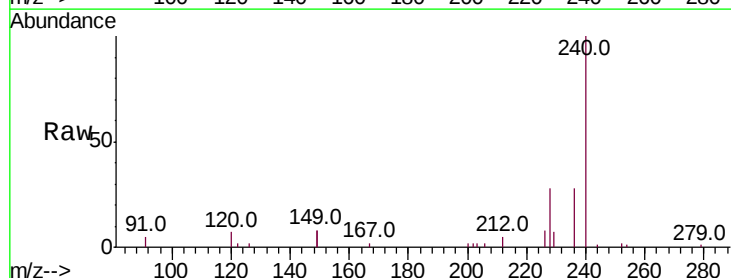
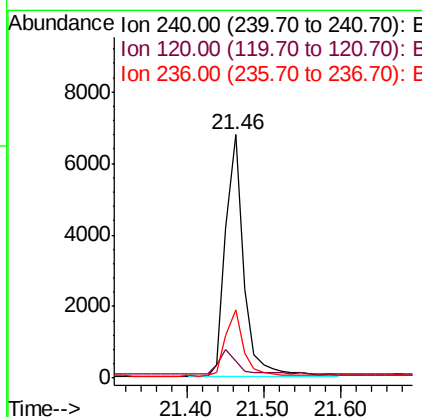
Manual Integrations
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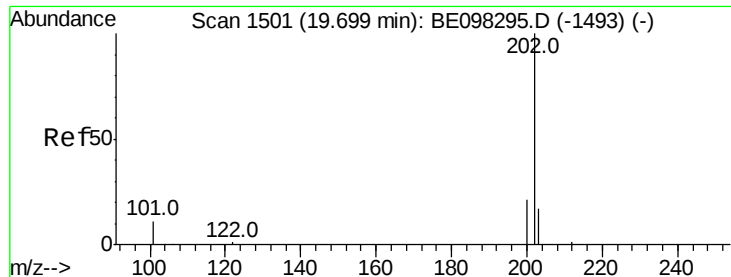
Sohil
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#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.46 min Scan# 1671
 Delta R.T. -0.00 min
 Lab File: BE098324.D
 Acq: 11 Dec 2018 8:04

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.1	9.5	14.3#
236	28.1	22.7	34.1





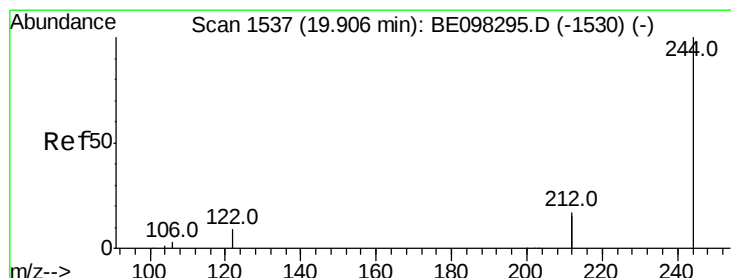
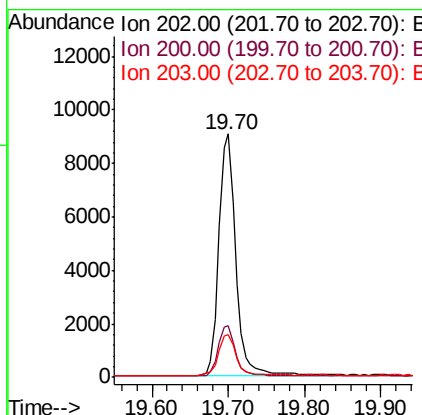
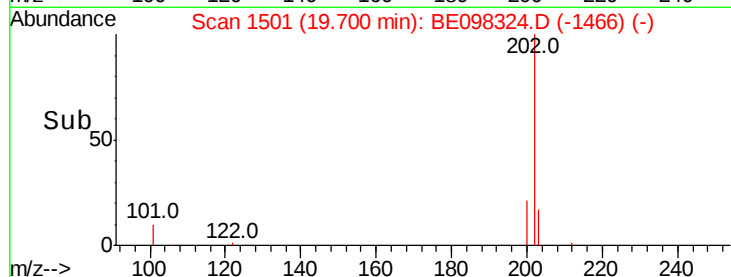
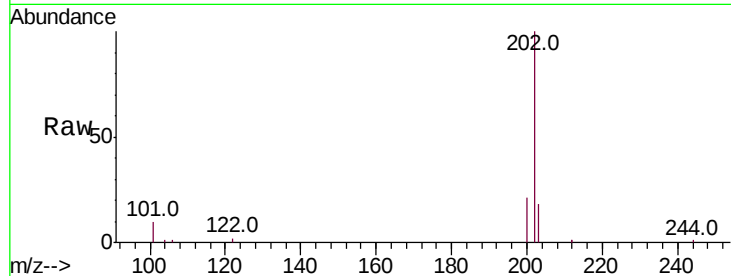
#28
Pvrene
Concen: 0.398 ng
RT: 19.70 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

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

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
200	21.3	16.7	25.1	
203	17.5	14.1	21.1	

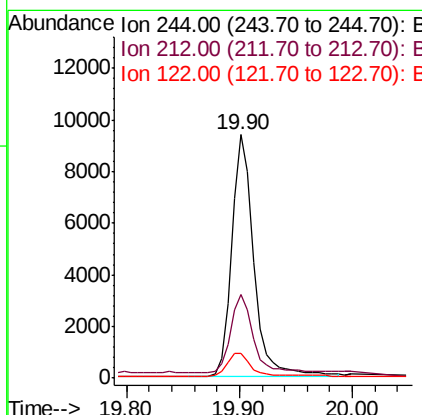
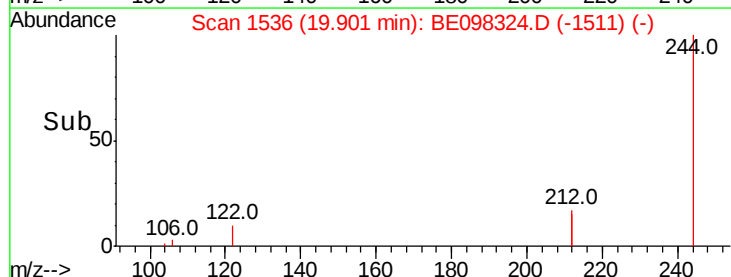
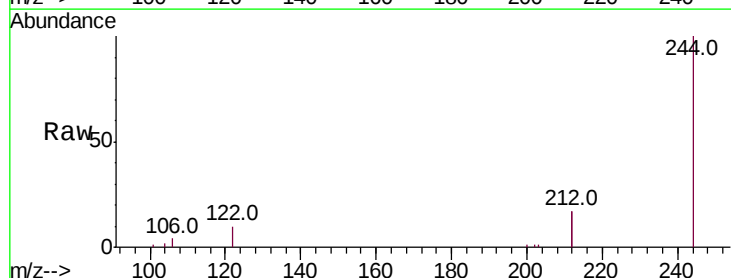
Manual Integrations
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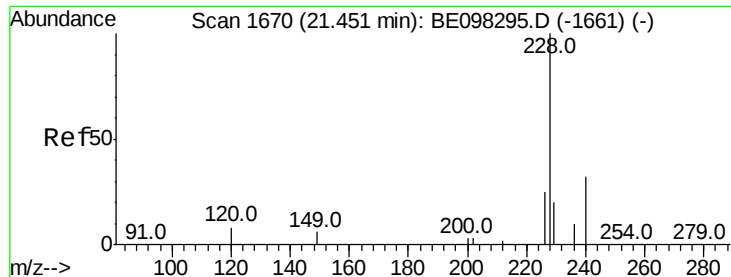
Sohil
12/11/2018 6:08:40 PM



#29
Terphenyl-d14
Concen: 0.480 ng
RT: 19.90 min Scan# 1536
Delta R.T. -0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

Tgt Ion	Ratio	Resp	Lower	Upper
244	100			
212	34.2	27.4	41.0	
122	10.3	8.3	12.5	





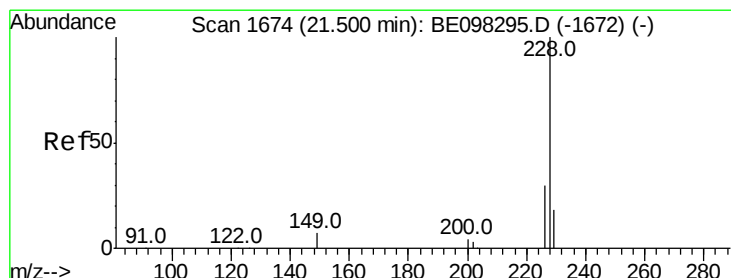
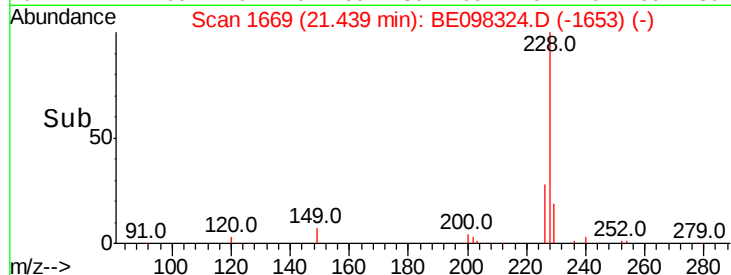
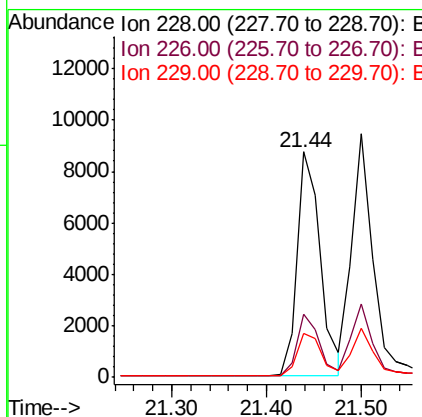
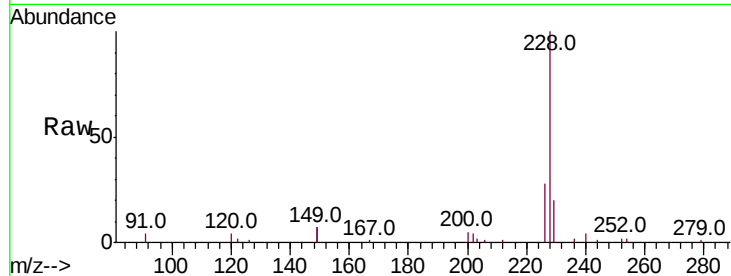
#30
Benzo(a)anthracene
Concen: 0.463 ng
RT: 21.44 min Scan# 1669
Delta R.T. -0.01 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

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

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.8	32.8
229	19.6	16.3	24.5

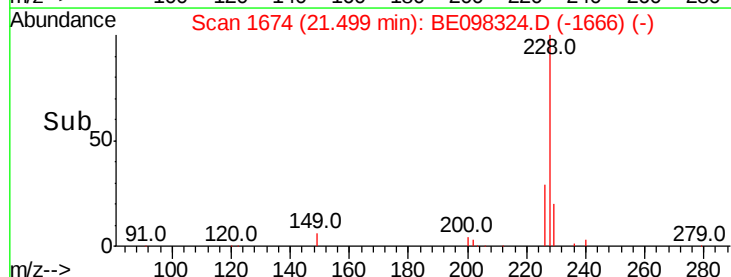
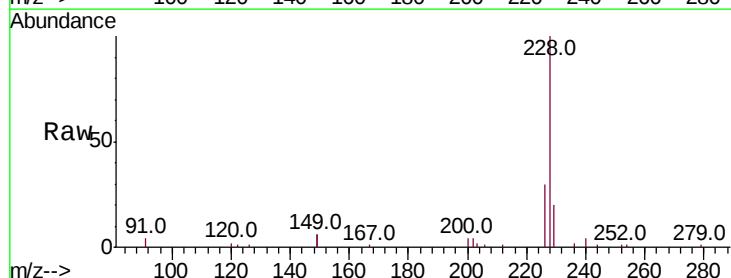
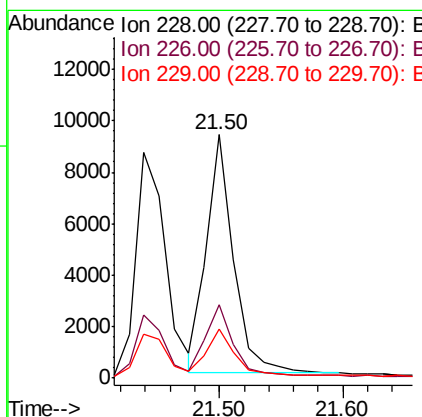
Manual Integrations
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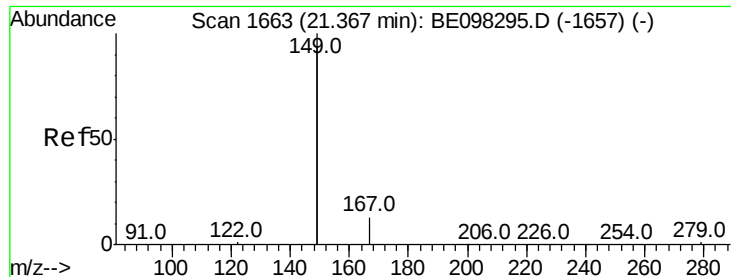
Sohil
12/11/2018 6:08:40 PM



#31
Chrysene
Concen: 0.431 ng
RT: 21.50 min Scan# 1674
Delta R.T. -0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.0
229	20.3	16.2	24.4





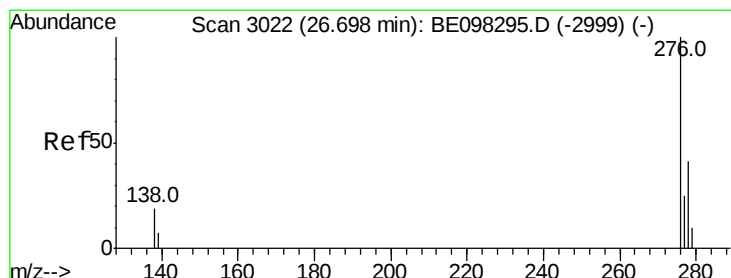
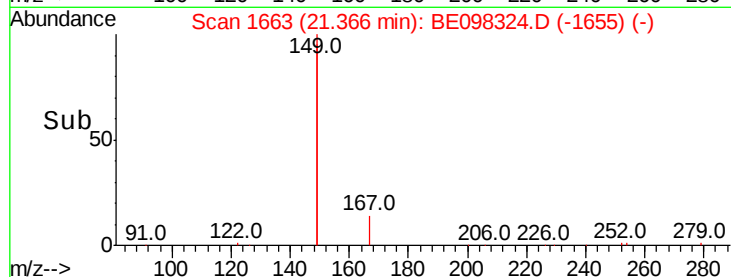
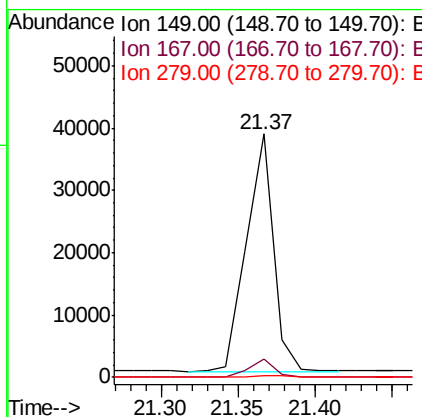
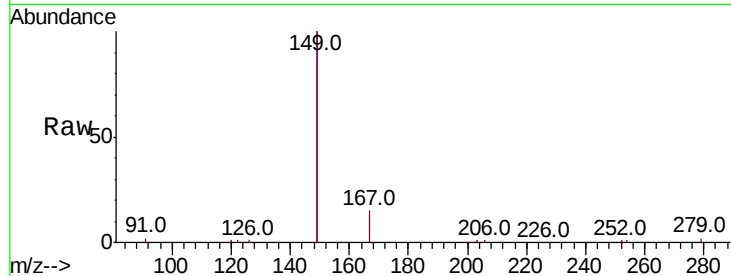
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.723 ng
RT: 21.37 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

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

Tot Ion:	149	Resp:	46457
Ion Ratio	Lower	Upper	
149	100		
167	6.9	5.7	8.5
279	1.0	1.0	1.4

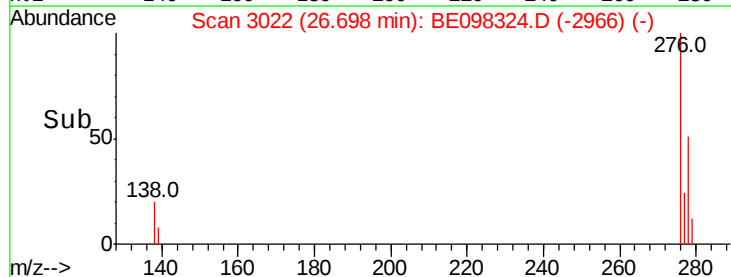
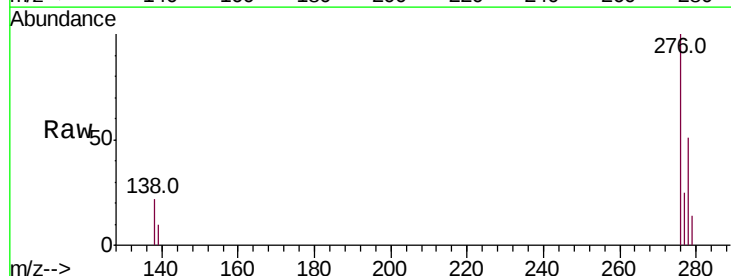
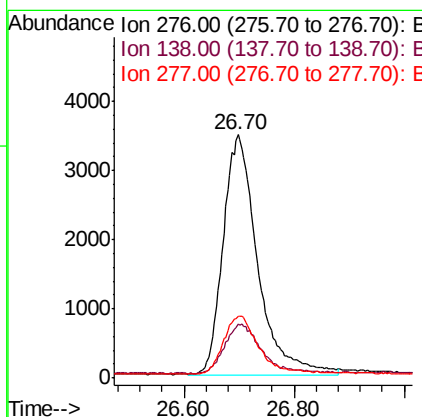
Manual Integrations
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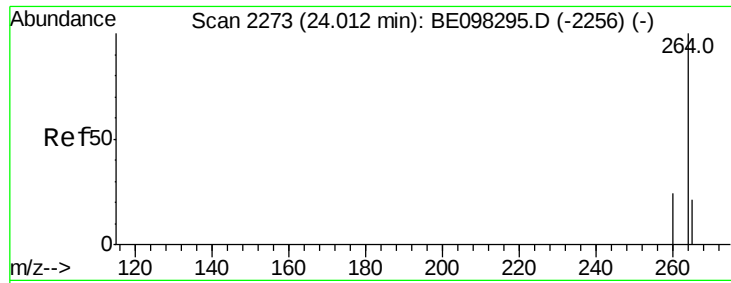
Sohil
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#33
Indeno(1,2,3-cd)pyrene
Concen: 0.457 ng
RT: 26.70 min Scan# 3022
Delta R.T. -0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

Tgt Ion:	276	Resp:	15074
Ion Ratio	Lower	Upper	
276	100		
138	20.4	16.3	24.5
277	24.4	20.2	30.4





#34

Pervlene-d12

Concen: 0.400 ng

RT: 24.01 min Scan# 2272

Delta R.T. -0.00 min

Lab File: BE098324.D

Acq: 11 Dec 2018 8:04

Instrument :

BNA_E

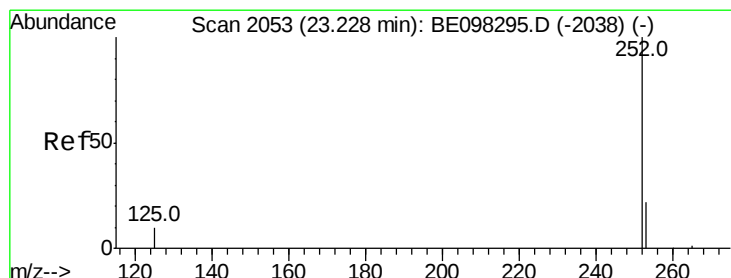
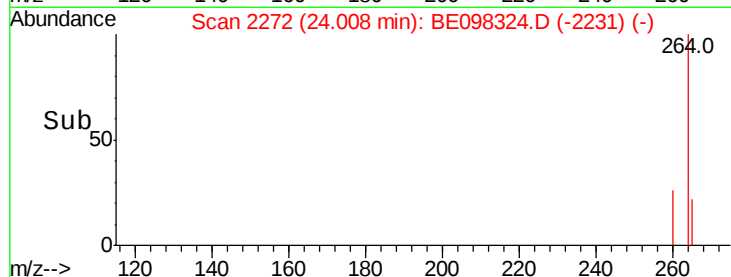
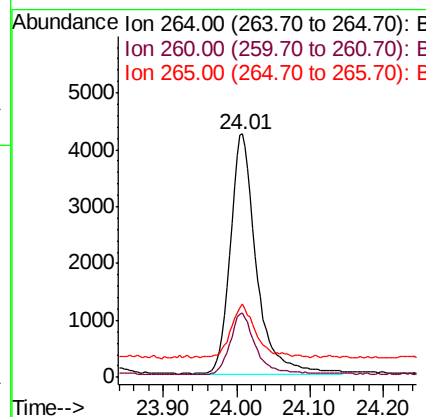
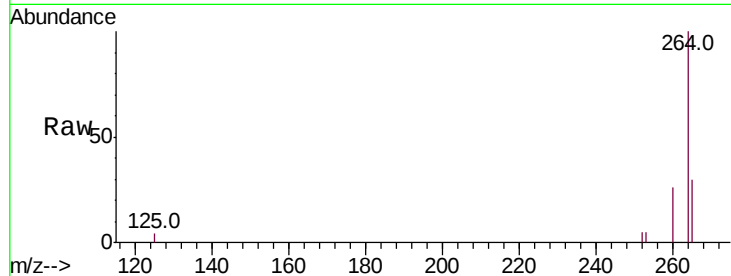
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:	264	Resp:	10488
Ion Ratio	Lower	Upper	
264	100		
260	26.5	20.2	30.2
265	30.0	25.2	37.8

Manual Integrations
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#35

Benzo(b)fluoranthene

Concen: 0.456 ng

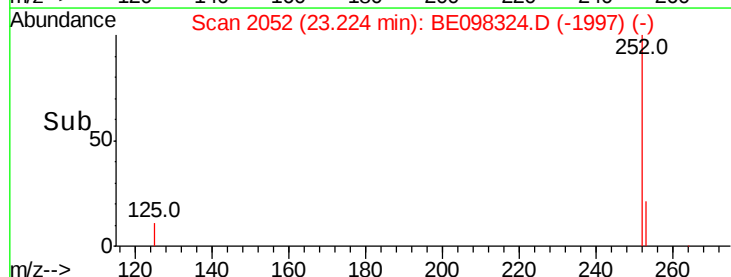
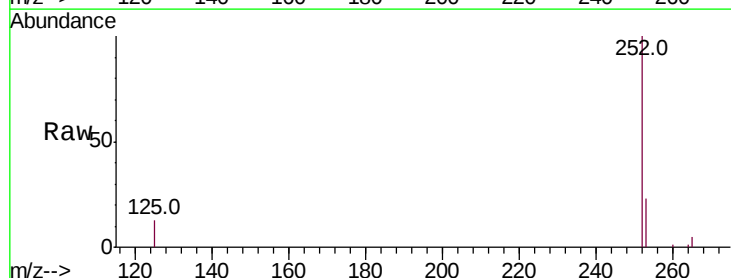
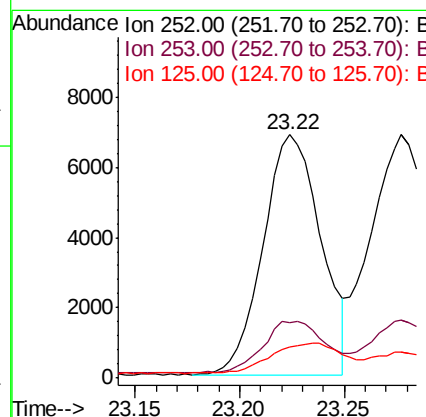
RT: 23.22 min Scan# 2052

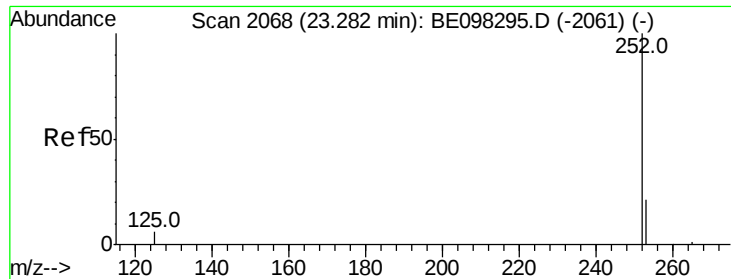
Delta R.T. -0.00 min

Lab File: BE098324.D

Acq: 11 Dec 2018 8:04

Tgt Ion:	252	Resp:	13086
Ion Ratio	Lower	Upper	
252	100		
253	22.8	20.0	30.0
125	12.5	9.6	14.4





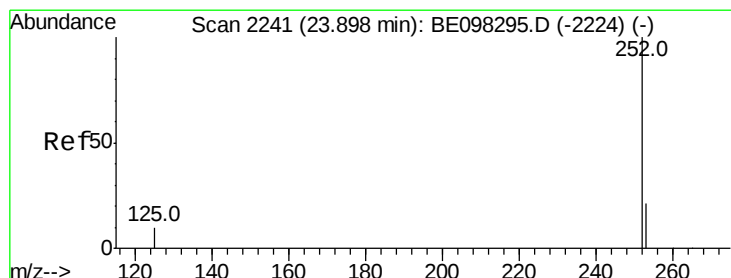
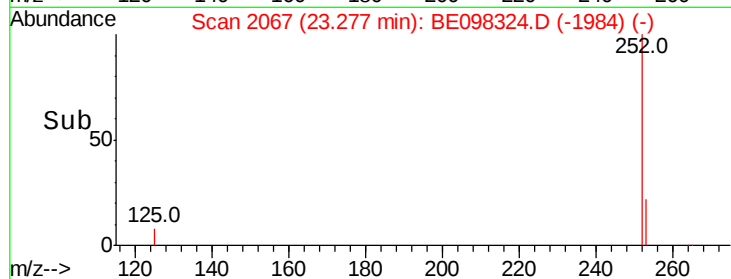
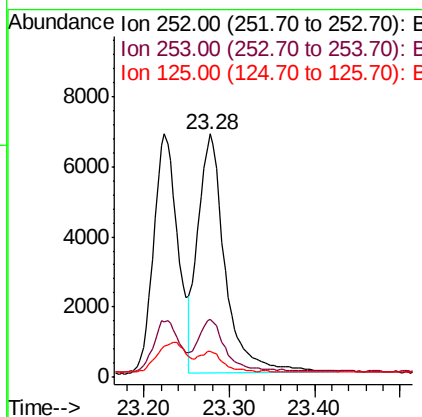
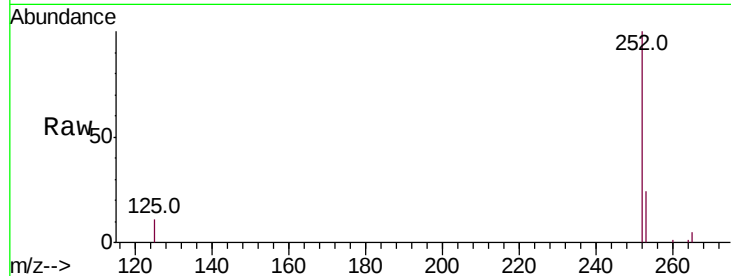
#36
Benzo(k)fluoranthene
Concen: 0.448 ng
RT: 23.28 min Scan# 2067
Delta R.T. -0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

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

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	19.0	28.6
125	10.5	9.1	13.7

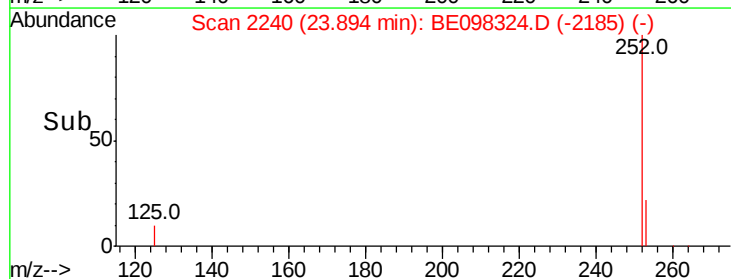
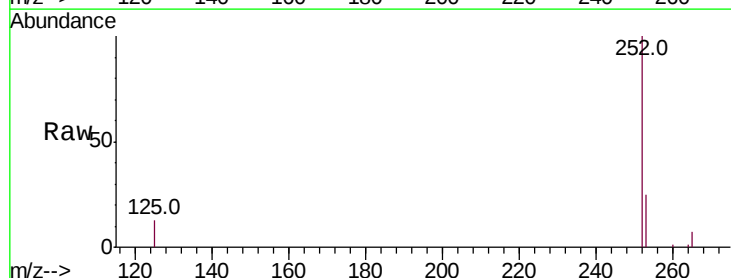
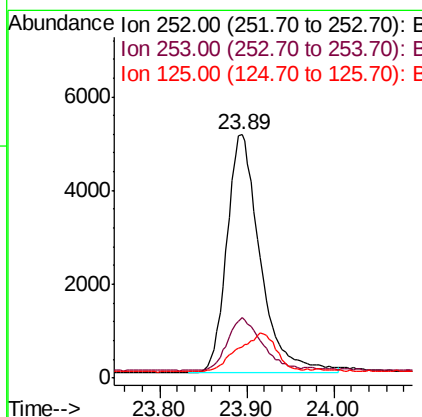
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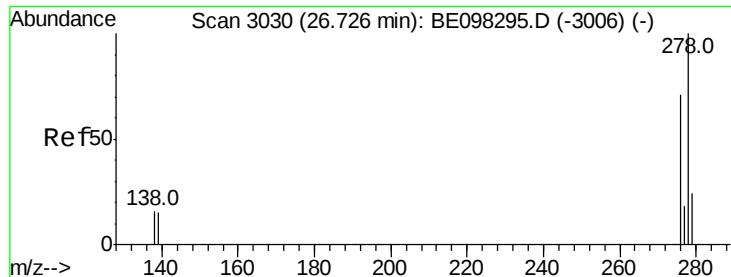
Sohil
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#37
Benzo(a)pyrene
Concen: 0.459 ng
RT: 23.89 min Scan# 2240
Delta R.T. -0.00 min
Lab File: BE098324.D
Acq: 11 Dec 2018 8:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	20.6	30.8
125	12.8	10.5	15.7





#38

Dibenzo(a,h)anthracene

Concen: 0.450 ng

RT: 26.72 min Scan# 3029

Delta R.T. -0.00 min

Lab File: BE098324.D

Acq: 11 Dec 2018 8:04

Instrument :

BNA_E

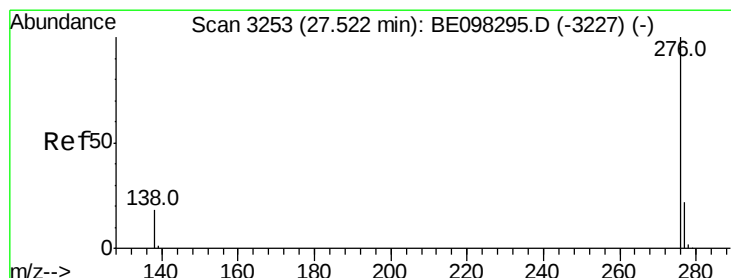
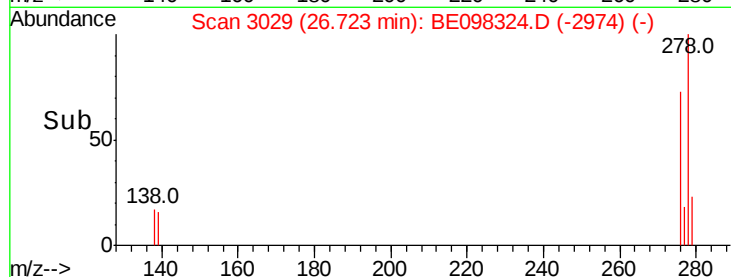
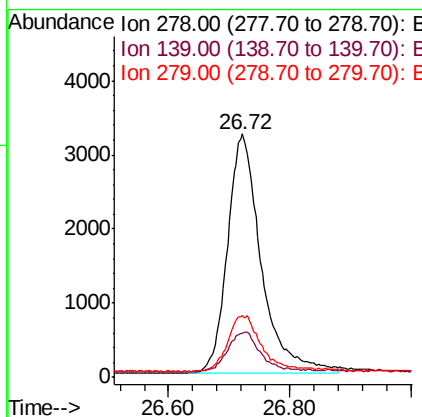
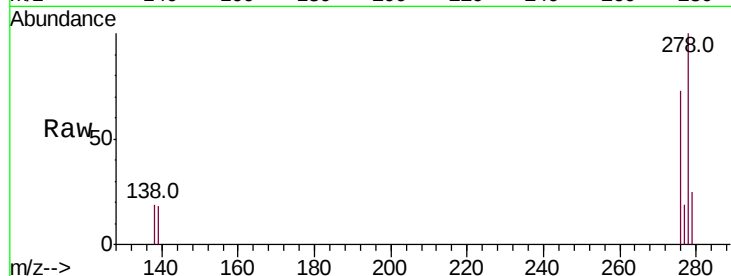
ClientSampleId :

BPS1-TT-MW306I-20181205MSD

Tot Ion:	278	Resp:	12532
Ion Ratio	Lower	Upper	
278	100		
139	18.2	14.5	21.7
279	25.4	21.8	32.8

Manual Integrations
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#39

Benzo(g,h,i)perylene

Concen: 0.451 ng

RT: 27.52 min Scan# 3252

Delta R.T. -0.00 min

Lab File: BE098324.D

Acq: 11 Dec 2018 8:04

Tgt Ion:	276	Resp:	12658
Ion Ratio	Lower	Upper	
276	100		
277	25.2	20.8	31.2
138	19.2	15.8	23.6

