

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
 Data File : BE098529.D
 Acq On : 19 Dec 2018 15:16
 Operator : SJ/JU
 Sample : J6358-12MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Manual Integrations
 APPROVED

Sohil
 12/20/2018 1:55:18 PM

Quant Time: Dec 19 16:47:13 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	7.85	152	791	0.40	ng	-0.01
7) Naphthalene-d8	10.65	136	3804	0.40	ng	-0.01
13) Acenaphthene-d10	14.51	164	2660	0.40	ng	-0.01
19) Phenanthrene-d10	17.26	188	6459	0.40	ng	-0.02
27) Chrysene-d12	21.45	240	7857	0.40	ng	-0.01
34) Perylene-d12	23.99	264	6852	0.40	ng	-0.03

System Monitoring Compounds						
4) 2-Fluorophenol	5.44	112	527	0.28	ng	0.00
5) Phenol-d6	7.03	99	423	0.16	ng	-0.01
8) Nitrobenzene-d5	9.02	82	1470	0.42	ng	0.00
11) 2-Methylnaphthalene-d10	12.25	152	2832	0.46	ng	-0.01
14) 2,4,6-Tribromophenol	16.01	330	785	0.80	ng	-0.01
15) 2-Fluorobiphenyl	13.13	172	5491	0.49	ng	-0.01
25) Fluoranthene-d10	19.29	212	37419	0.45	ng	-0.02
29) Terphenyl-d14	19.89	244	8838	0.46	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	858	0.627	ng	# 82
3) n-Nitrosodimethylamine	3.69	42	142	0.115	ng	# 100
6) bis(2-Chloroethyl)ether	7.28	93	896	0.360	ng	93
9) Naphthalene	10.69	128	17780	0.464	ng	99
10) Hexachlorobutadiene	10.98	225	976	0.400	ng	96
12) 2-Methylnaphthalene	12.32	142	3255	0.523	ng	97
16) Acenaphthylene	14.23	152	5356	0.430	ng	97
17) Acenaphthene	14.57	154	3299	0.441	ng	98
18) Fluorene	15.55	166	4789	0.478	ng	99
20) 4-Bromophenyl-phenylether	16.45	248	1651	0.475	ng	# 86
21) Hexachlorobenzene	16.57	284	1768	0.473	ng	96
22) Pentachlorophenol	16.92	266	904	1.191	ng	97
23) Phenanthrene	17.30	178	7974	0.508	ng	99
24) Anthracene	17.40	178	6793	0.485	ng	100
26) Fluoranthene	19.32	202	10213	0.492	ng	98
28) Pyrene	19.68	202	10568	0.429	ng	99
30) Benzo(a)anthracene	21.43	228	10749	0.480	ng	98
31) Chrysene	21.49	228	10576	0.451	ng	99
32) Bis(2-ethylhexyl)phthalate	21.35	149	23893	0.526	ng	99
33) Indeno(1,2,3-cd)pyrene	26.67	276	8112	0.348	ng	95
35) Benzo(b)fluoranthene	23.21	252	9896m	0.528	ng	
36) Benzo(k)fluoranthene	23.26	252	10978	0.503	ng	99
37) Benzo(a)pyrene	23.87	252	9840	0.509	ng	97
38) Dibenzo(a,h)anthracene	26.69	278	6665	0.366	ng	# 93
39) Benzo(g,h,i)perylene	27.48	276	6011	0.328	ng	97

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

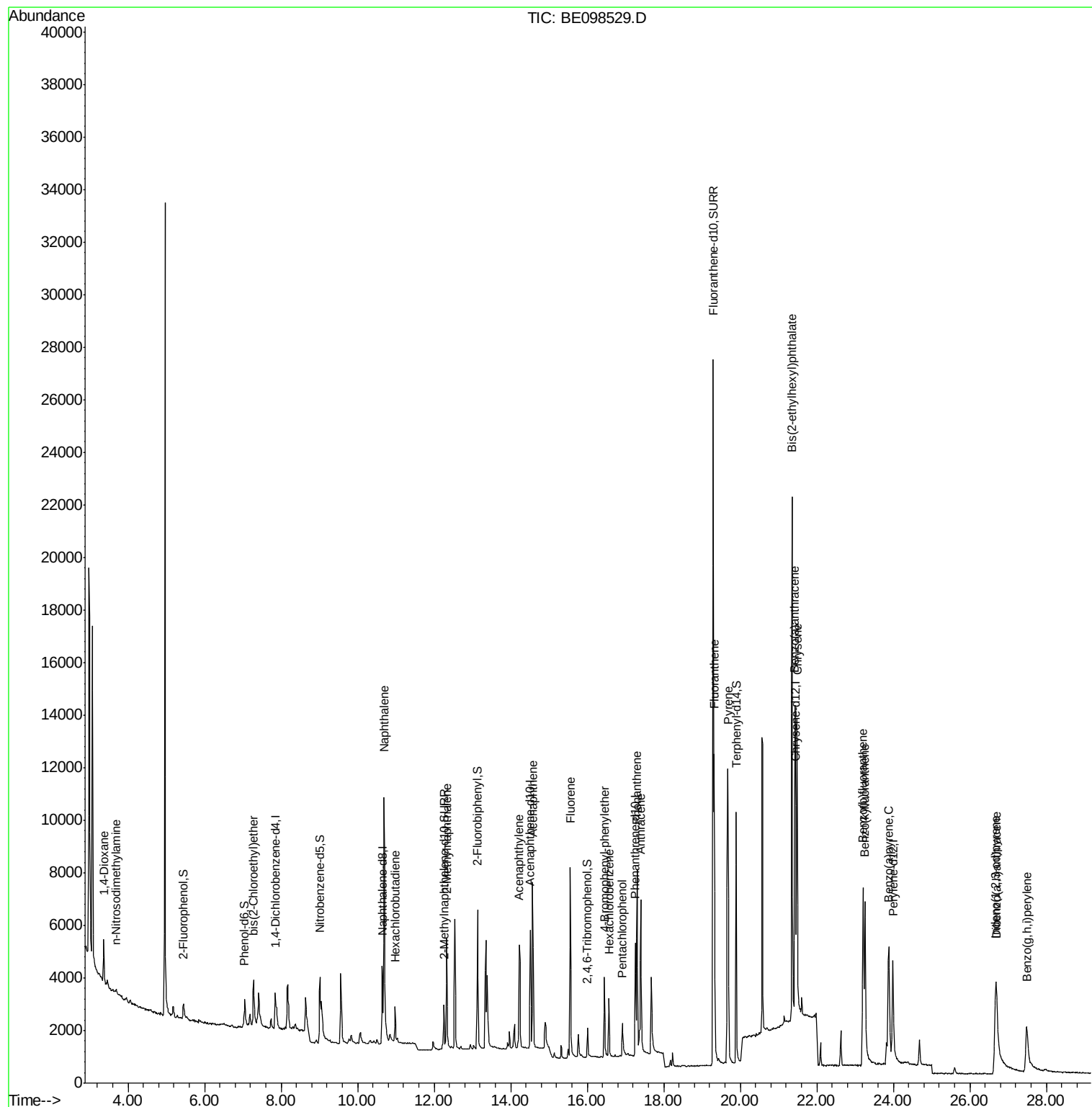
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE121918\
Data File : BE098529.D
Acq On : 19 Dec 2018 15:16
Operator : SJ/JU
Sample : J6358-12MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

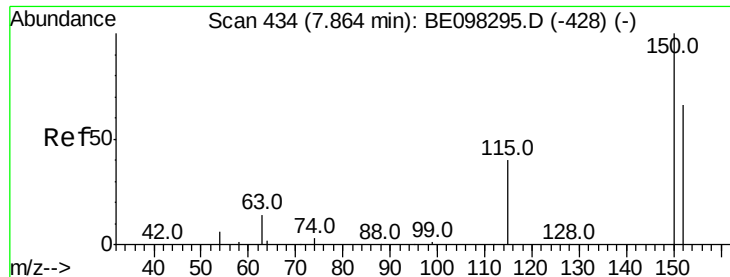
Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20181211MSD

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA E\METHODS\8270-SIM-BE121018.M
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#1

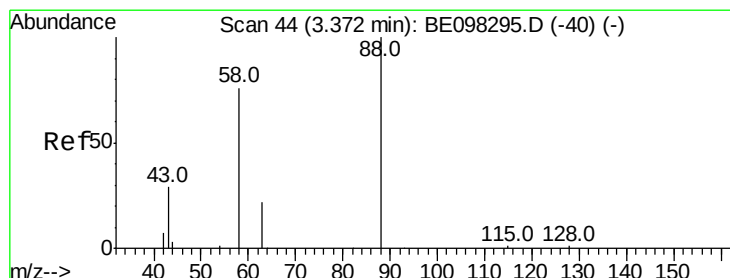
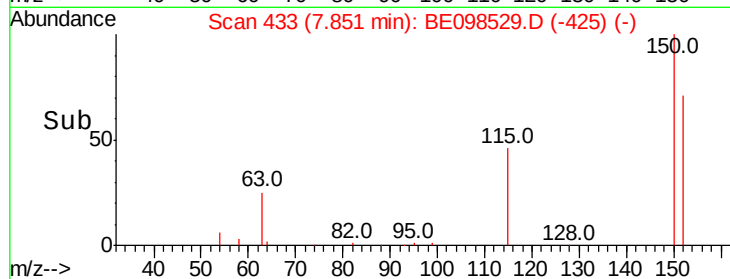
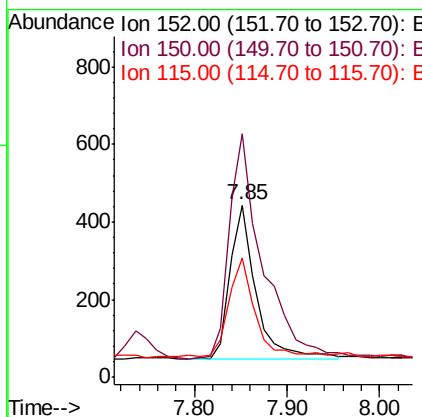
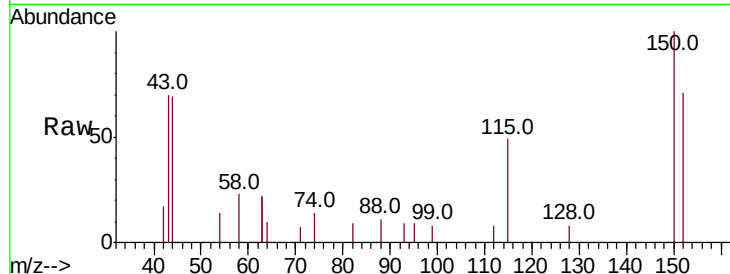
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 433
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.2	124.2	186.4
115	69.6	53.9	80.9

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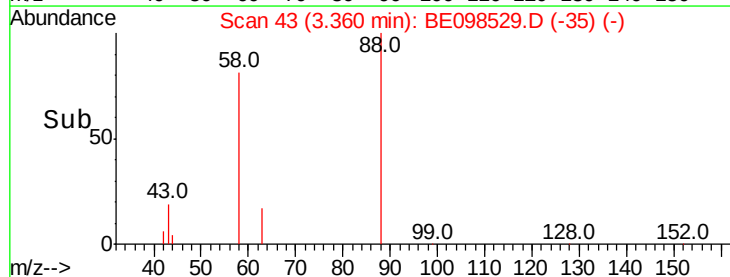
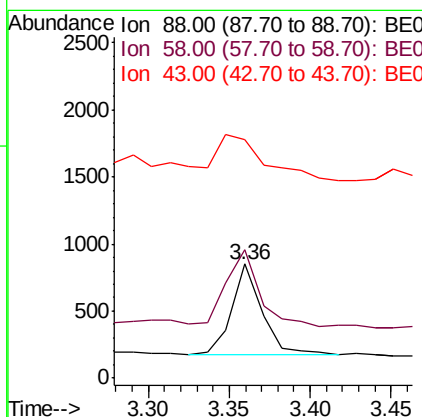
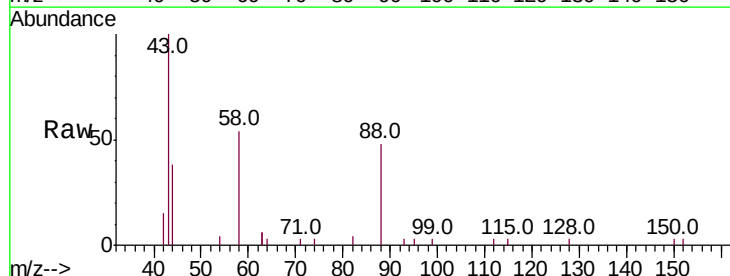
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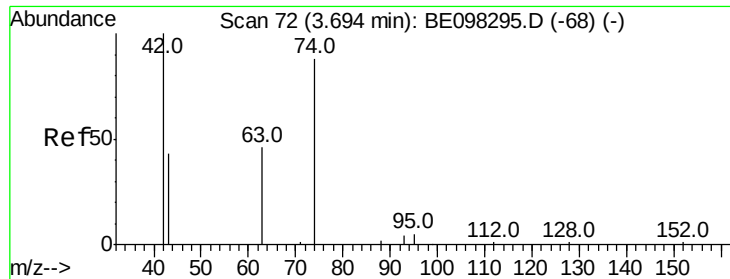


#2

1,4-Dioxane
Concen: 0.627 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
88	100		
58	95.3	75.0	112.6
43	82.3	38.3	57.5#





#3

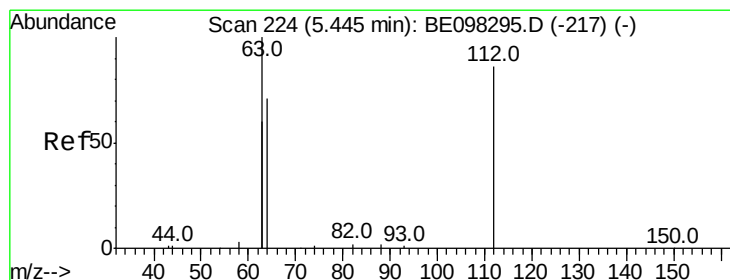
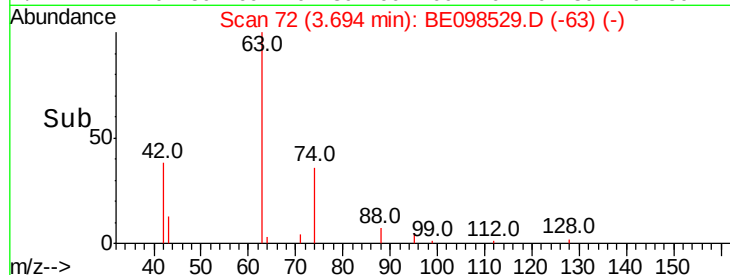
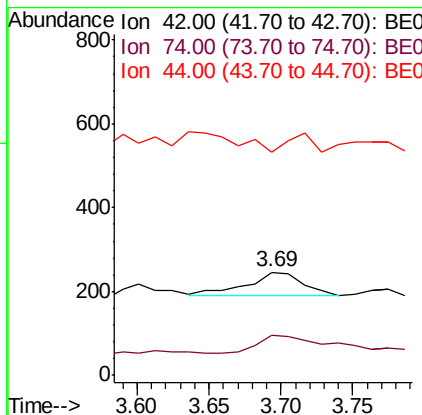
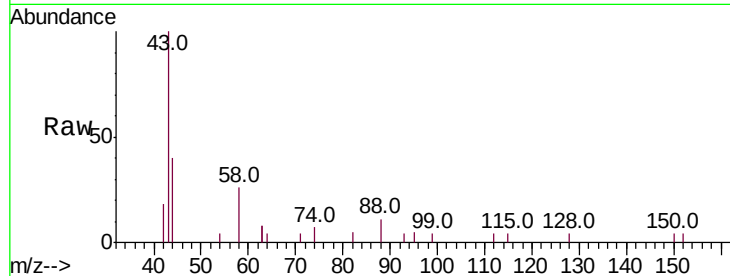
n-Nitrosodimethylamine
 Concen: 0.115 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098529.D
 Acq: 19 Dec 2018 15:16

Instrument :
 BNA_E
 ClientSampleId :
 BP-TT-SW4002-20181211MSD

Tot Ion:	42	Resp:	142
Ion Ratio	Lower	Upper	
42	100		
74	79.6	0.0	0.0#
44	0.0	0.0	0.0

Manual Integrations
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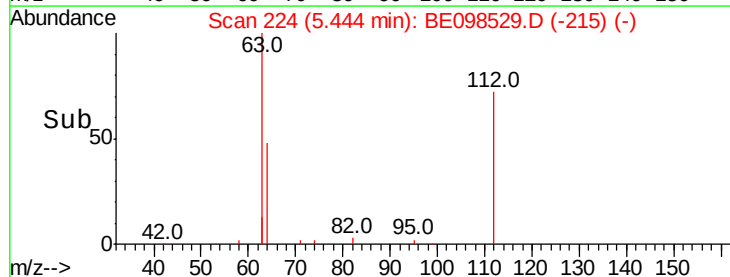
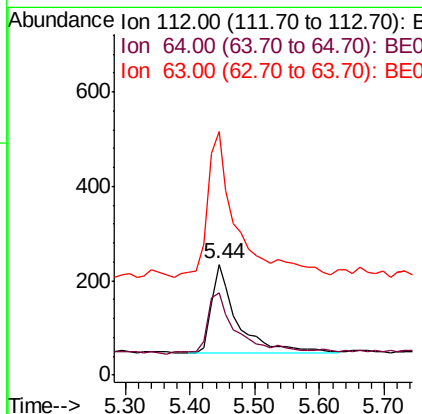
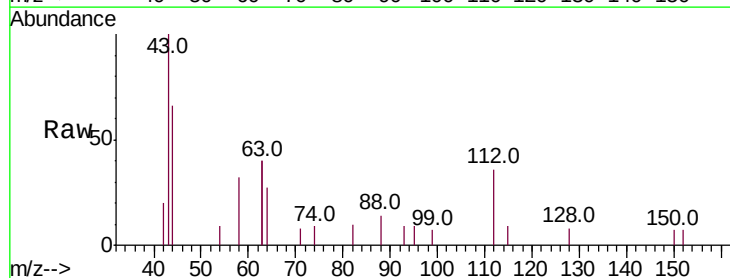
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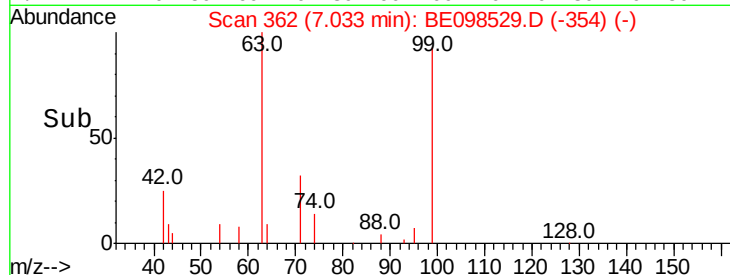
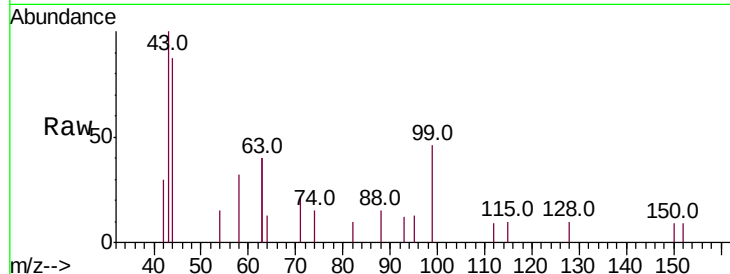
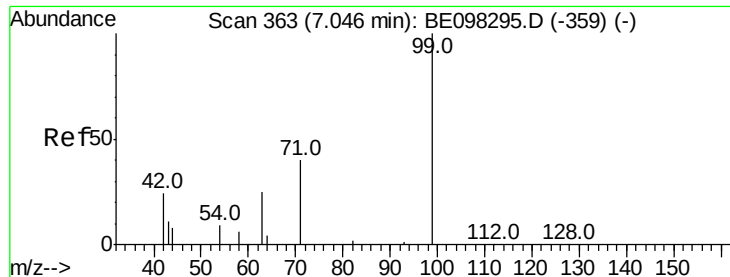


#4

2-Fluorophenol
 Concen: 0.285 ng
 RT: 5.44 min Scan# 224
 Delta R.T. -0.00 min
 Lab File: BE098529.D
 Acq: 19 Dec 2018 15:16

Tgt Ion:	112	Resp:	527
Ion Ratio	Lower	Upper	
112	100		
64	78.0	59.8	89.8
63	161.5	133.7	200.5





#5

Phenol-d6

Concen: 0.161 ng

RT: 7.03 min Scan# 362

Delta R.T. -0.01 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Tot Ion:	99	Resp:	423
Ion	Ratio	Lower	Upper
99	100		
42	39.5	26.3	39.5
71	50.6	33.6	50.4

Instrument :

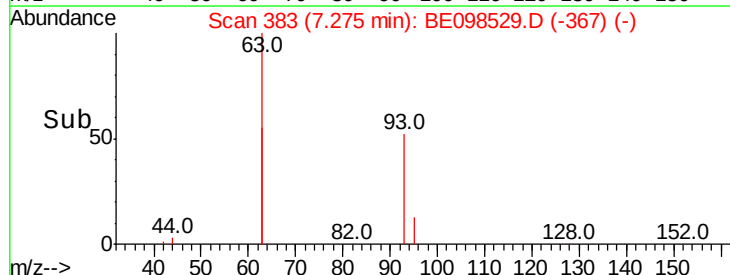
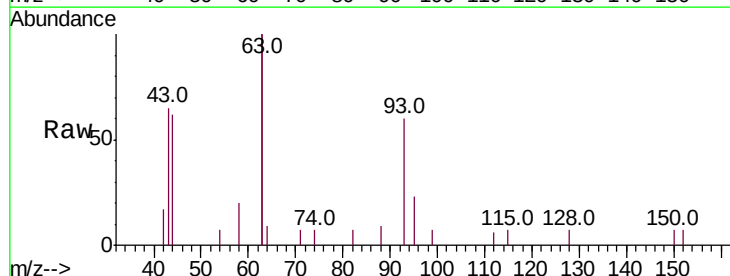
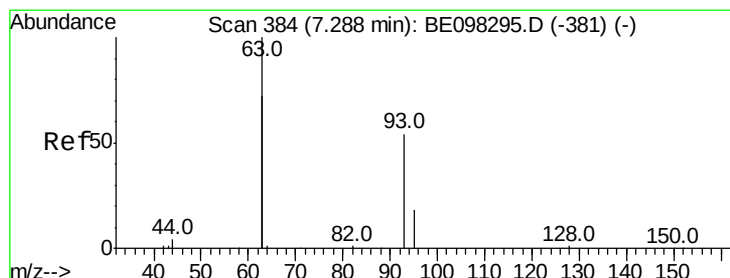
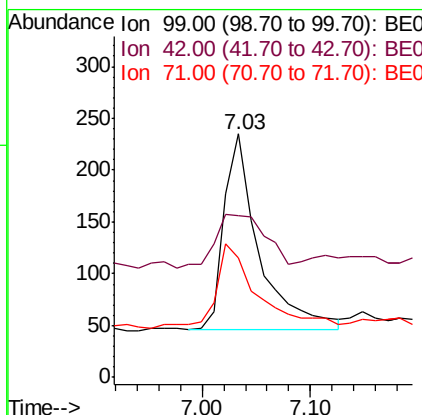
BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MSD

Manual Integrations
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#6

bis(2-Chloroethyl)ether

Concen: 0.360 ng

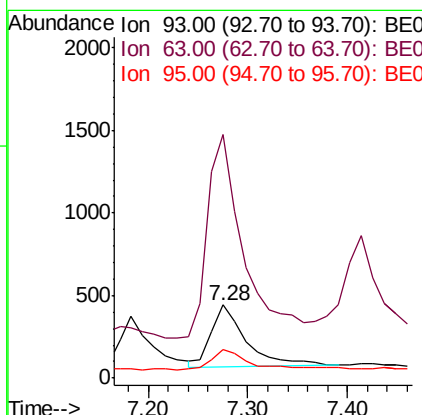
RT: 7.28 min Scan# 383

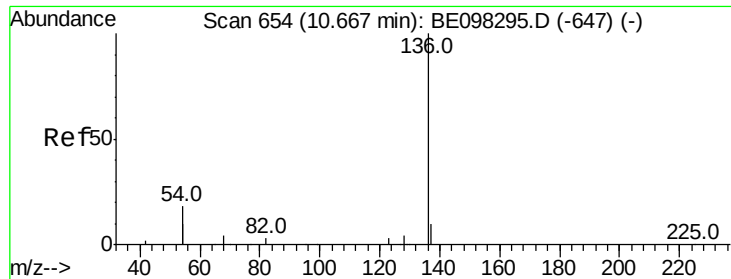
Delta R.T. -0.01 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Tgt Ion:	93	Resp:	896
Ion	Ratio	Lower	Upper
93	100		
63	345.5	264.4	396.6
95	37.7	26.6	40.0





#7

Naphthalene-d8

Concen: 0.400 ng

RT: 10.65 min Scan# 653

Delta R.T. -0.01 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Instrument :

BNA_E

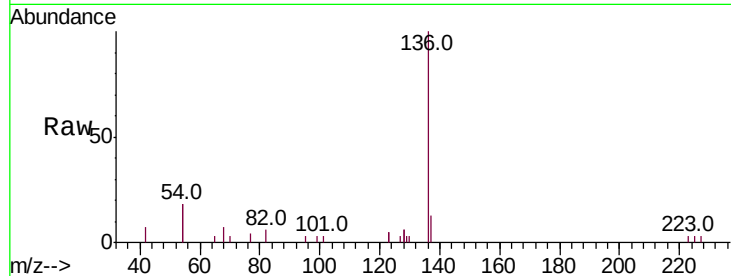
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	12.8	9.2	13.8
54	35.8	28.4	42.6
68	7.2	5.4	8.0

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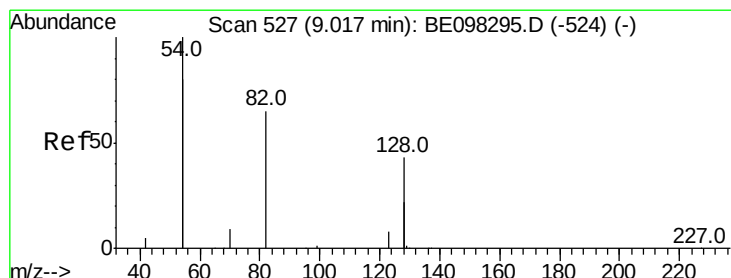
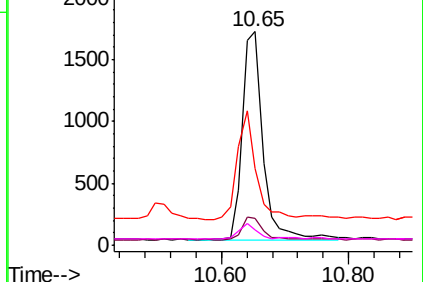
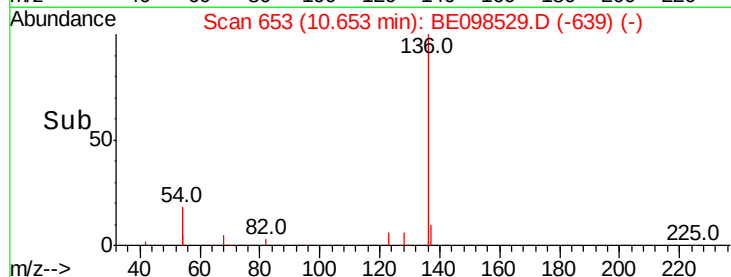
Abundance

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: 0.425 ng

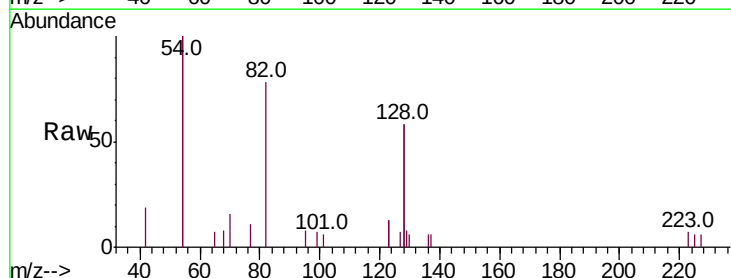
RT: 9.02 min Scan# 527

Delta R.T. -0.00 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
82	100		
128	147.9	102.4	153.6
54	254.9	221.8	332.8

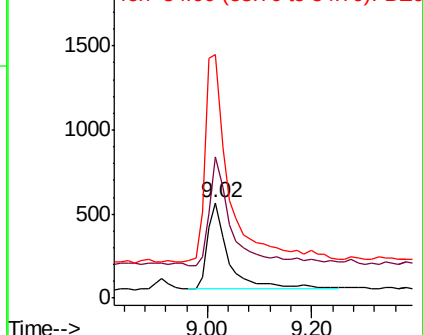
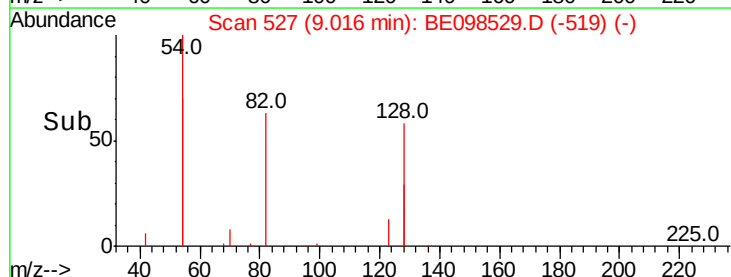


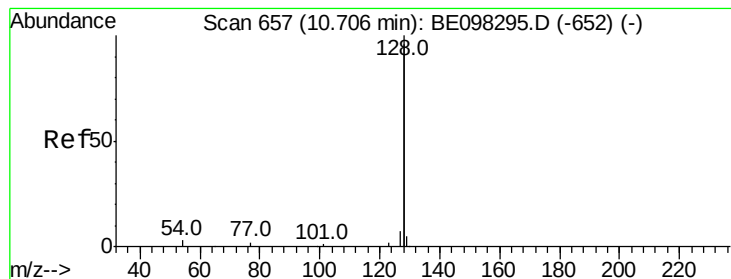
Abundance

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: 0.464 ng

RT: 10.69 min Scan# 656

Delta R.T. -0.01 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Instrument :

BNA_E

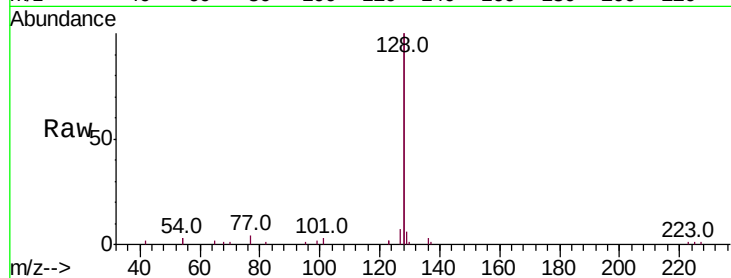
ClientSampleId :

BP-TT-SW4002-20181211MSD

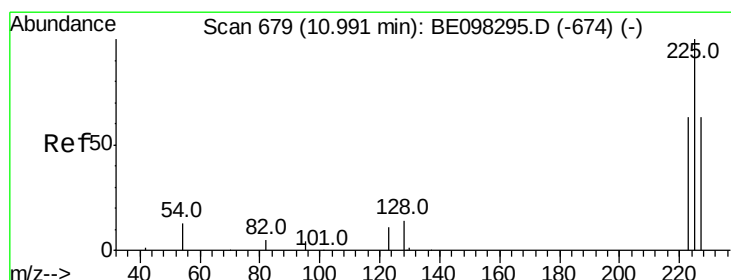
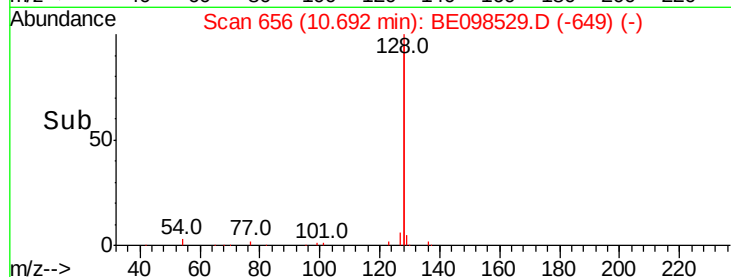
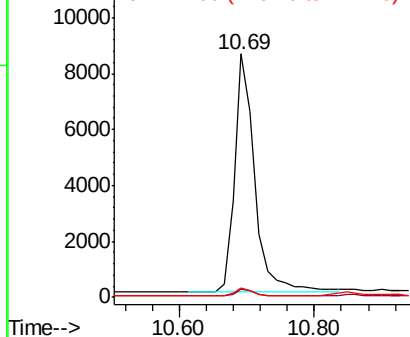
Tot Ion:	128	Resp:	17780
Ion Ratio	Lower	Upper	
128	100		
129	3.1	2.5	3.7
127	3.7	2.7	4.1

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.400 ng

RT: 10.98 min Scan# 678

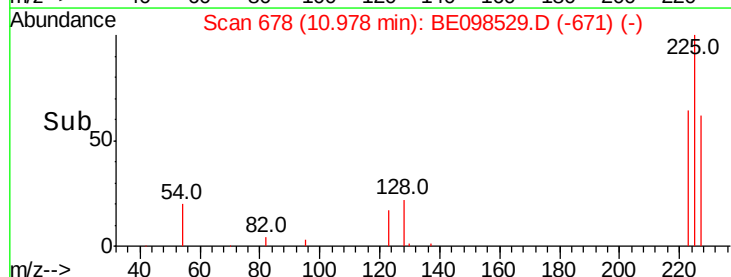
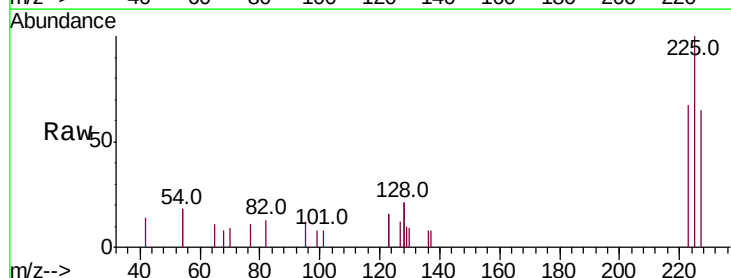
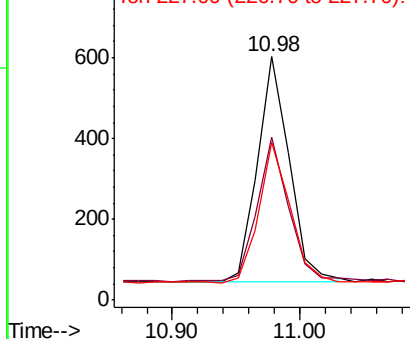
Delta R.T. -0.01 min

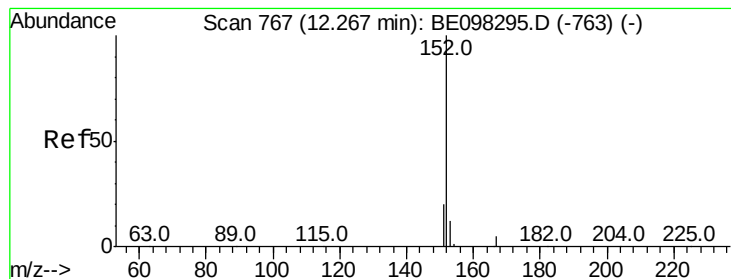
Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Tgt Ion:	225	Resp:	976
Ion Ratio	Lower	Upper	
225	100		
223	62.8	49.4	74.0
227	59.6	52.0	78.0

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: 0.458 ng

RT: 12.25 min Scan# 766

Delta R.T. -0.01 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:152 Resp: 2832

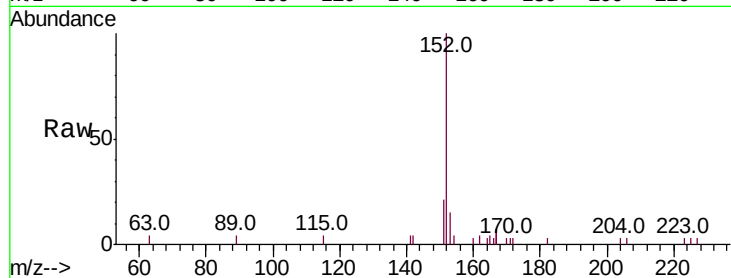
Ion Ratio Lower Upper

152 100

151 18.6 16.2 24.4

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

12.25

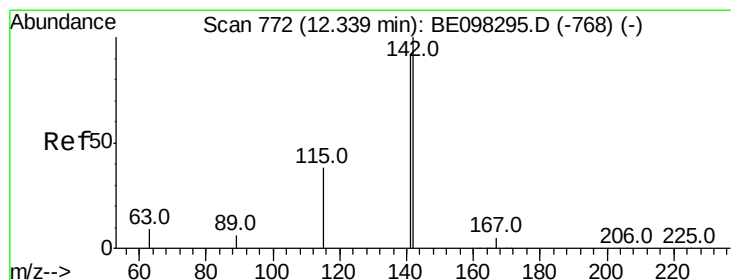
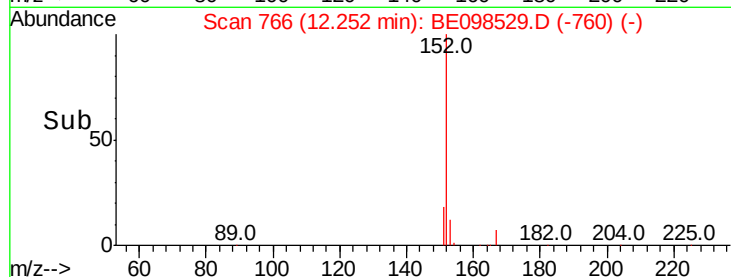
1500

1000

500

0

Time-->



#12

2-Methylnaphthalene

Concen: 0.523 ng

RT: 12.32 min Scan# 771

Delta R.T. -0.01 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

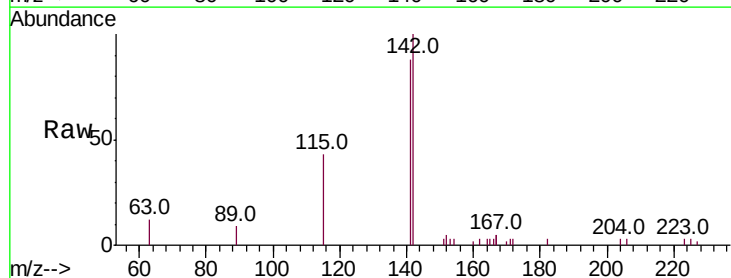
Tgt Ion:142 Resp: 3255

Ion Ratio Lower Upper

142 100

141 87.6 71.0 106.6

115 43.5 32.2 48.2



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

12.32

2000

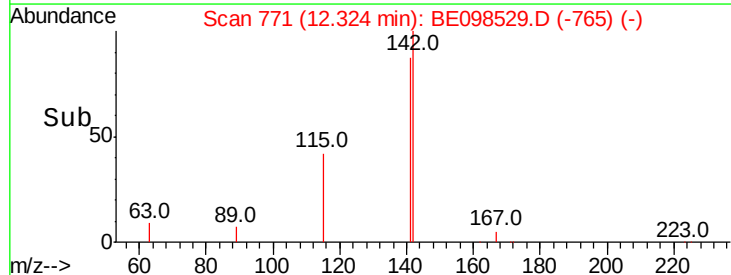
1500

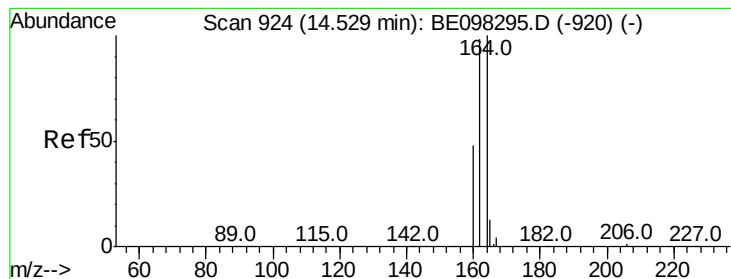
1000

500

0

Time-->





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 14.51 min Scan# 923

Delta R.T. -0.01 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Instrument :

BNA_E

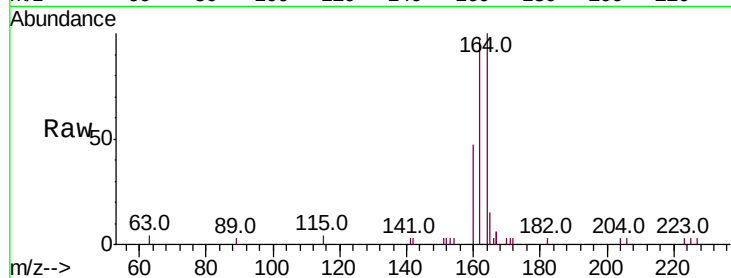
ClientSampleId :

BP-TT-SW4002-20181211MSD

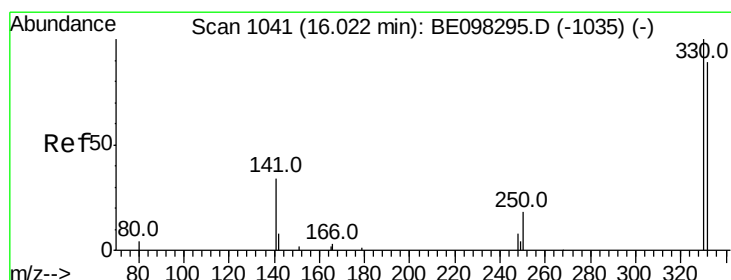
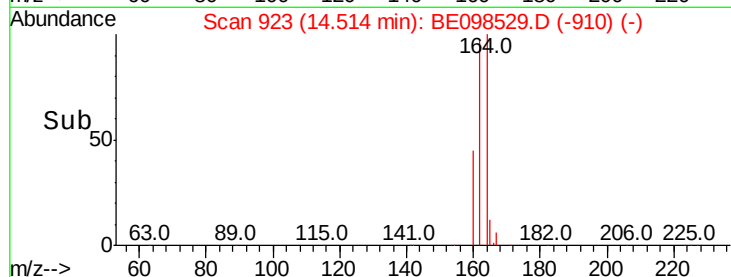
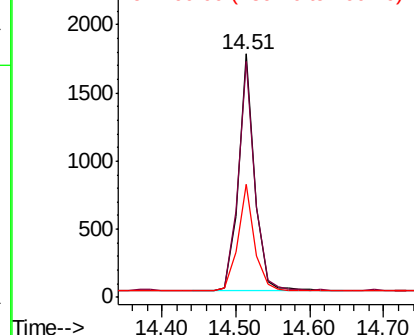
Tot Ion:164	Resp:	2660
Ion Ratio	Lower	Upper
164	100	
162	96.9	77.6 116.4
160	46.6	36.0 54.0

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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: 0.804 ng

RT: 16.01 min Scan# 1040

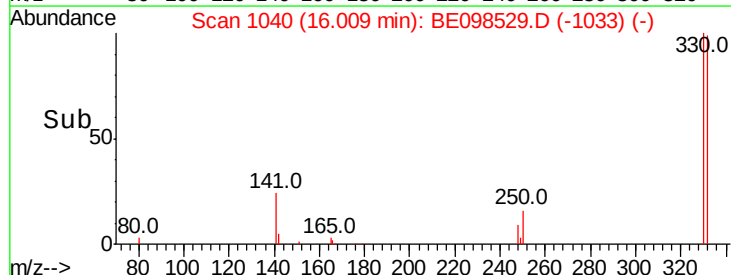
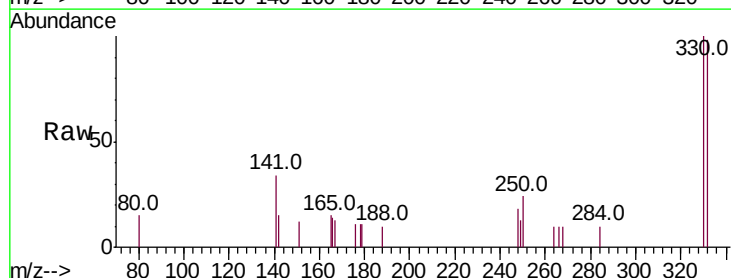
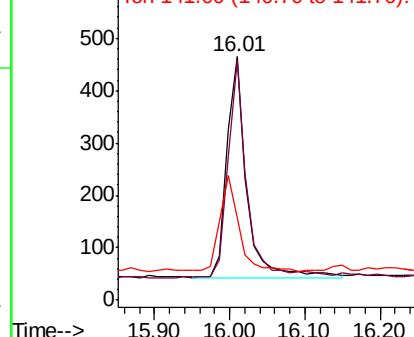
Delta R.T. -0.01 min

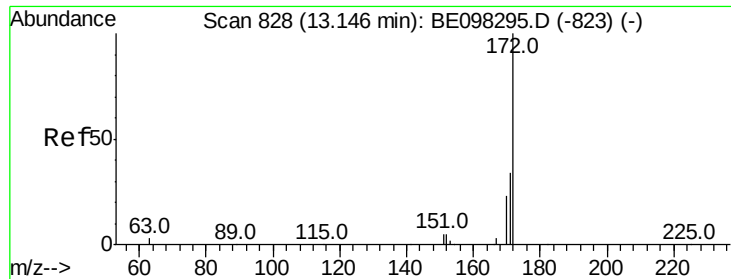
Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Tgt Ion:330	Resp:	785
Ion Ratio	Lower	Upper
330	100	
332	94.6	76.2 114.4
141	40.6	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





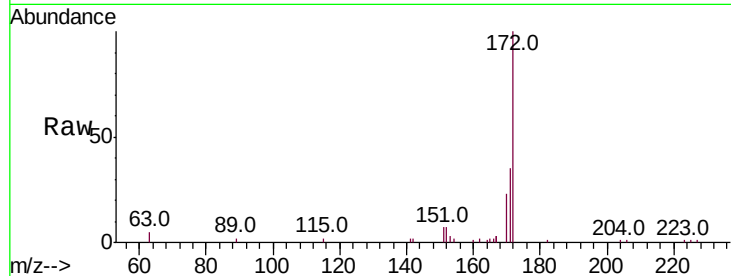
#15
2-Fluorobiphenyl
Concen: 0.489 ng
RT: 13.13 min Scan# 827
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.5	41.3
170	23.5	19.6	29.4

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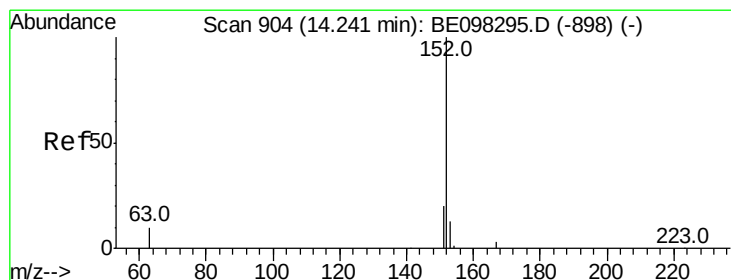
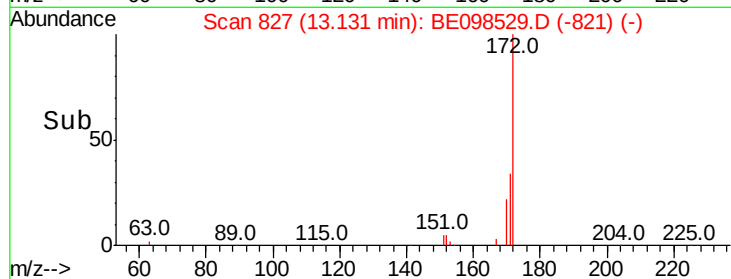
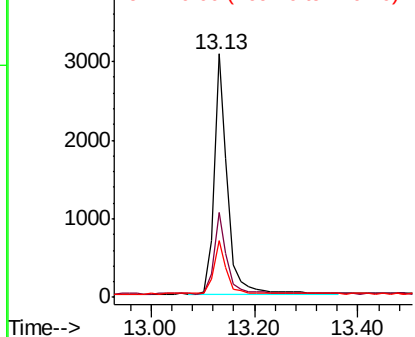


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#16
Acenaphthylene
Concen: 0.430 ng
RT: 14.23 min Scan# 903
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

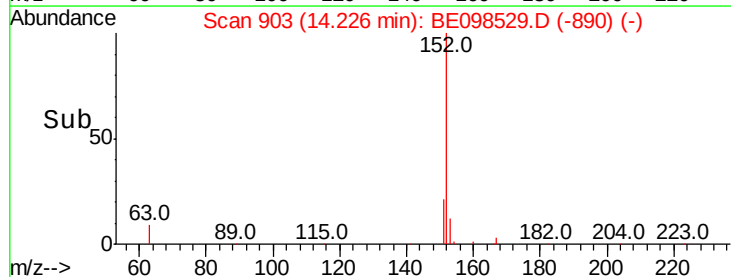
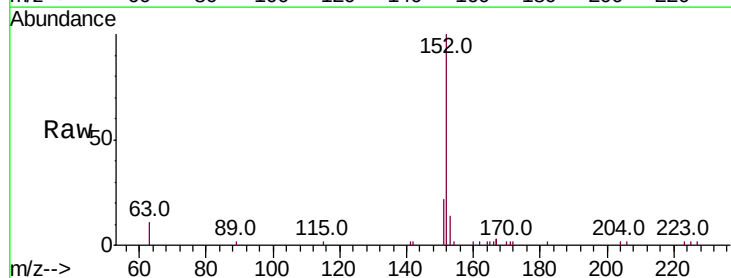
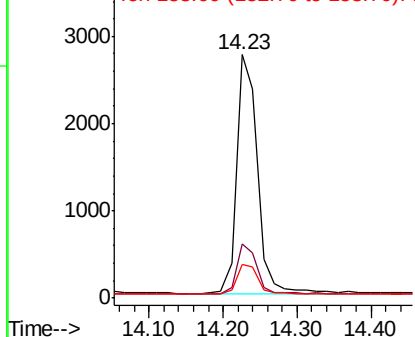
Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.0	15.5	23.3
153	12.8	10.6	16.0

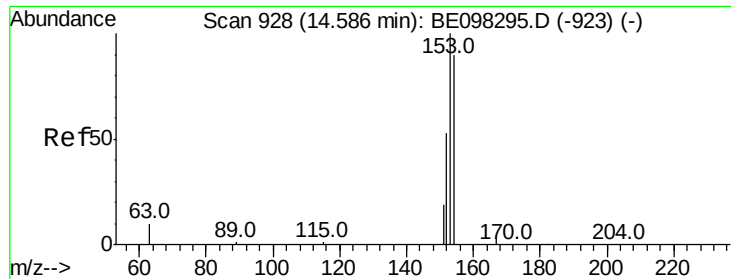
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





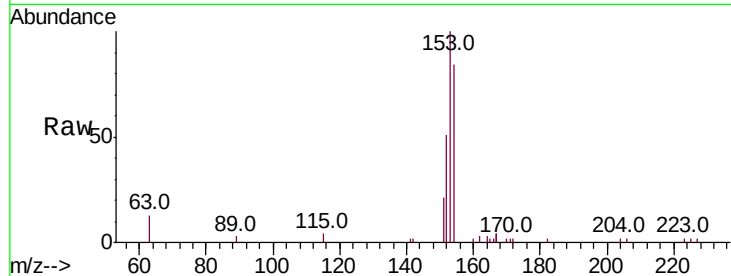
#17
Acenaphthene
Concen: 0.441 ng
RT: 14.57 min Scan# 927
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20181211MSD

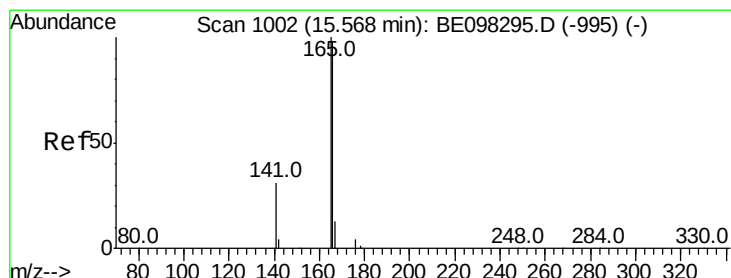
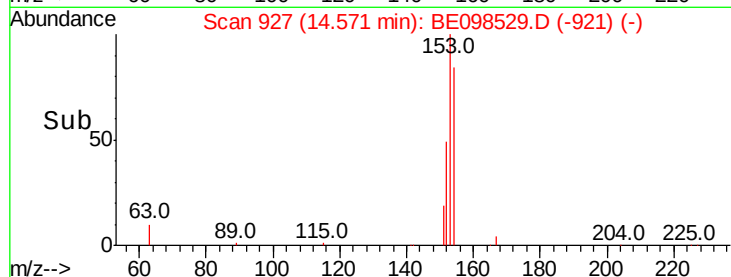
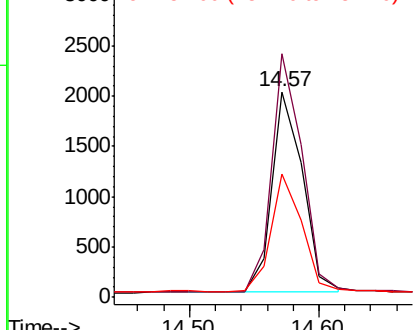
Tot Ion	Ratio	Lower	Upper
154	100		
153	117.2	91.8	137.6
152	59.0	45.5	68.3

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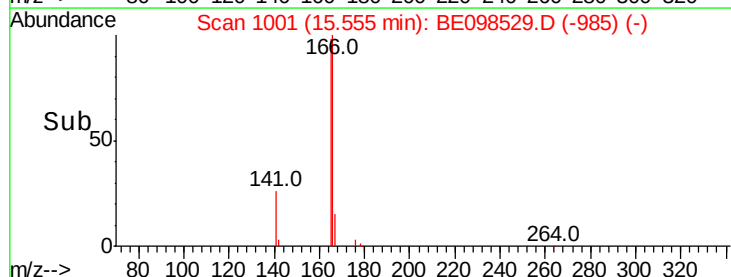
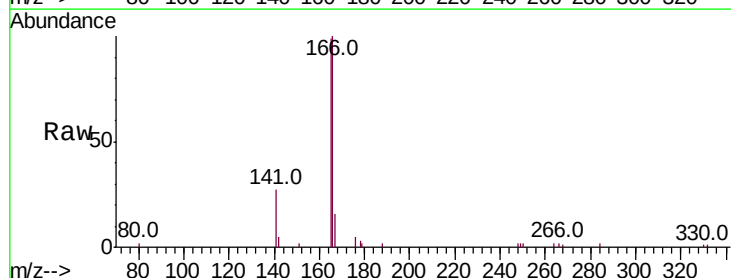
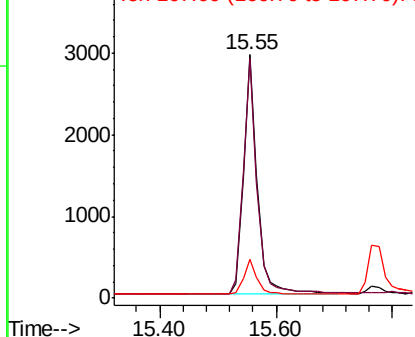
Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

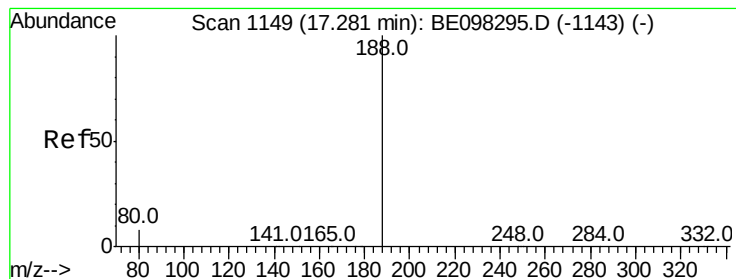


#18
Fluorene
Concen: 0.478 ng
RT: 15.55 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.3	118.9
167	13.4	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: 17.26 min Scan# 1147

Delta R.T. -0.02 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Instrument :

BNA_E

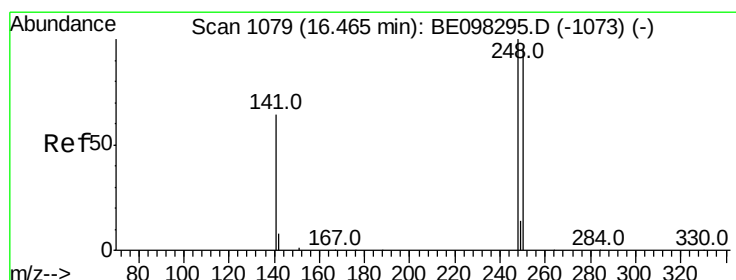
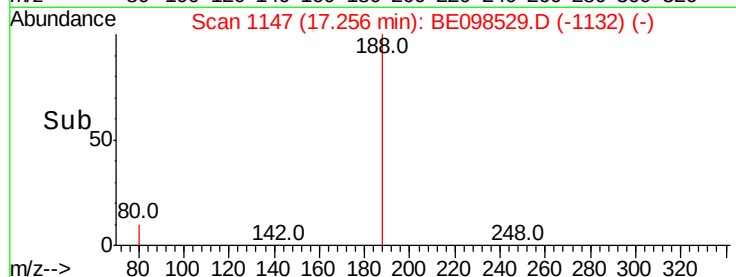
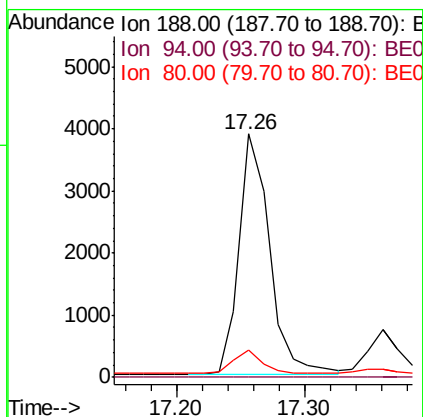
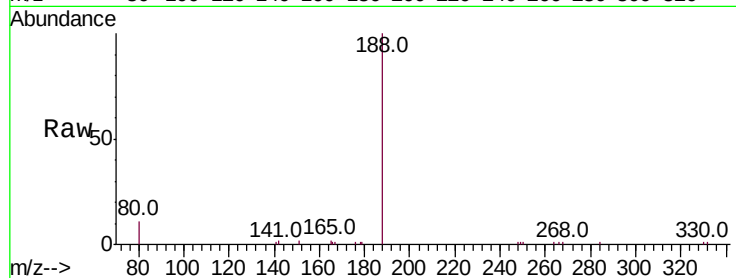
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:	188	Resp:	6459
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	11.3	7.2	10.8#

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#20

4-Bromophenyl-phenylether

Concen: 0.475 ng

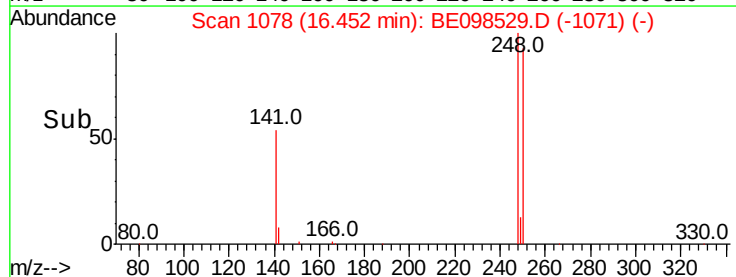
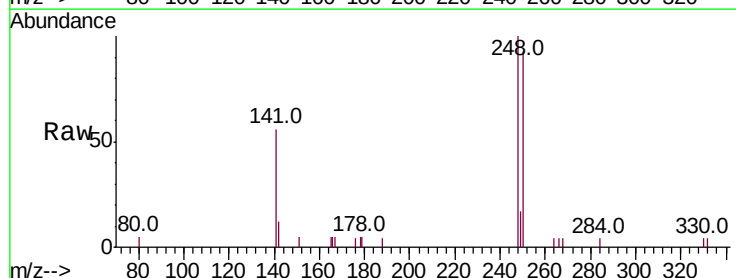
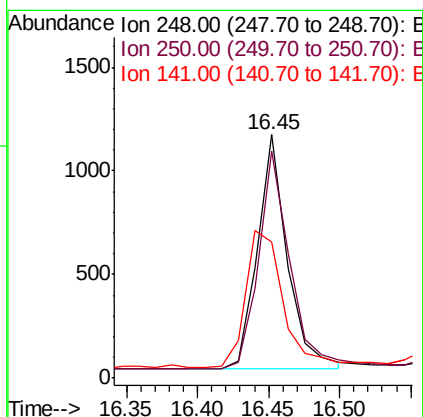
RT: 16.45 min Scan# 1078

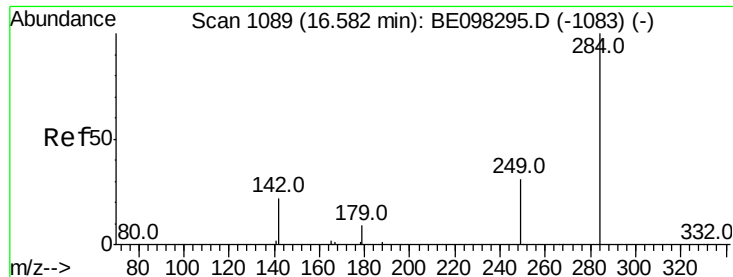
Delta R.T. -0.01 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Tgt Ion:	248	Resp:	1651
Ion Ratio	Lower	Upper	
248	100		
250	93.4	71.0	106.6
141	56.2	62.1	93.1#





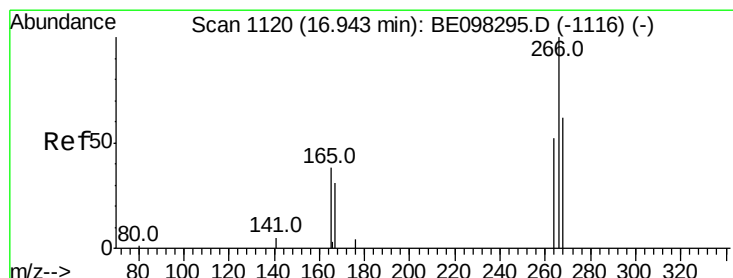
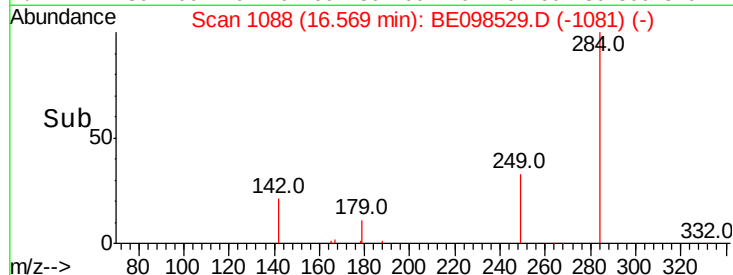
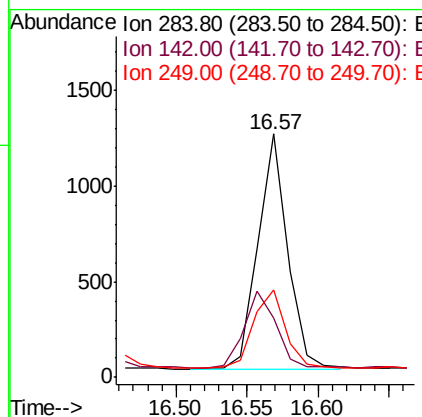
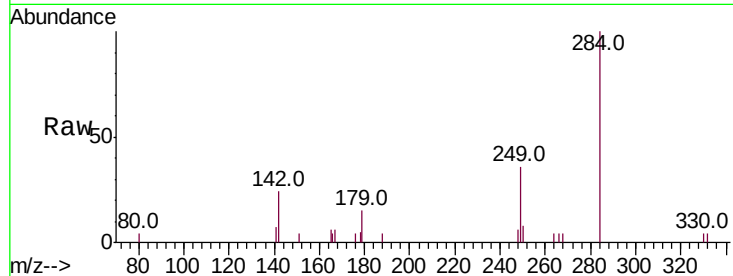
#21
Hexachlorobenzene
Concen: 0.473 ng
RT: 16.57 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
284	100		
142	34.8	26.3	39.5
249	35.2	26.0	39.0

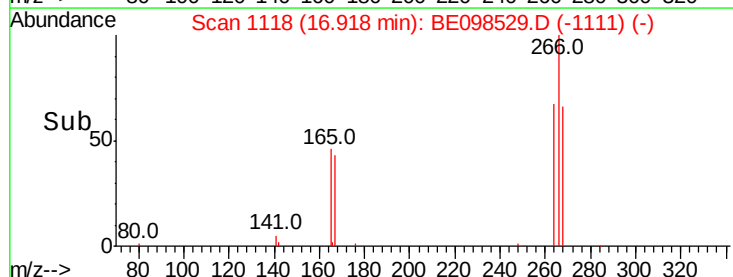
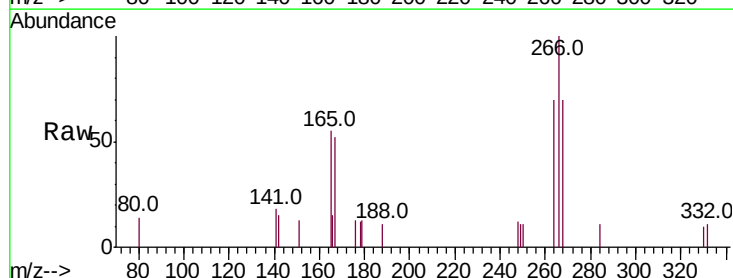
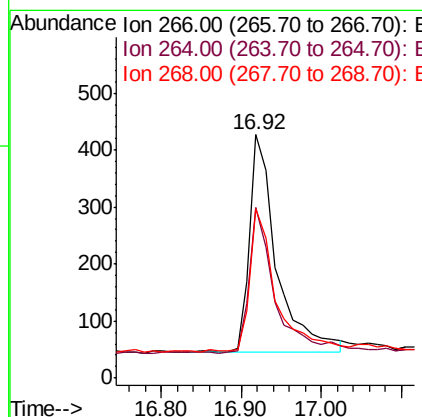
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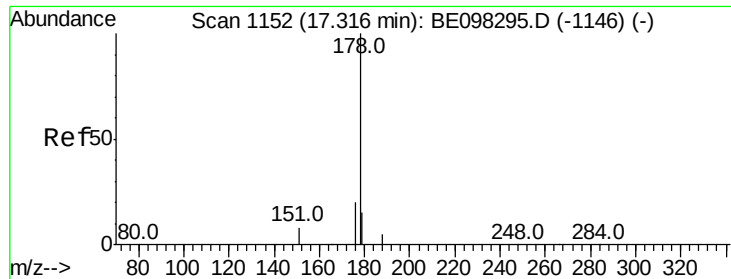
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#22
Pentachlorophenol
Concen: 1.191 ng
RT: 16.92 min Scan# 1118
Delta R.T. -0.02 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
266	100		
264	70.3	59.0	88.4
268	69.8	55.1	82.7





#23

Phenanthrene

Concen: 0.508 ng

RT: 17.30 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Instrument :

BNA_E

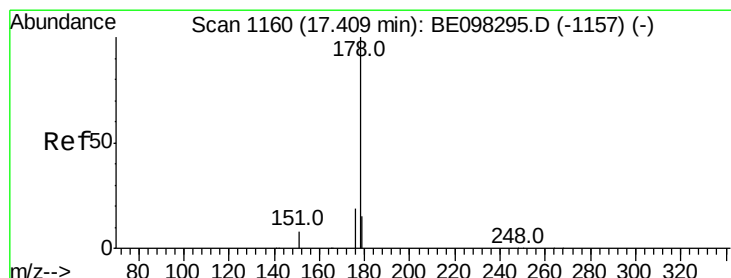
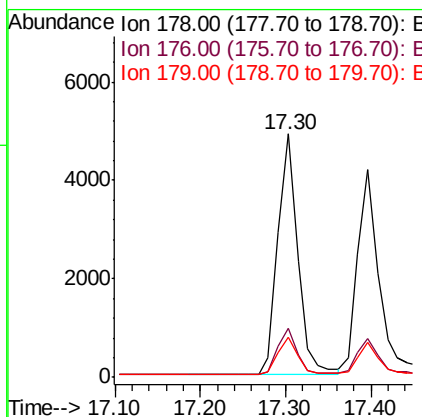
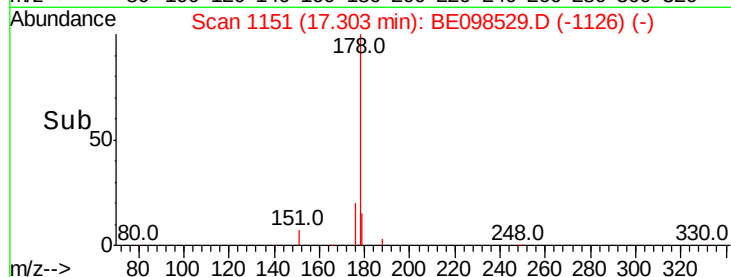
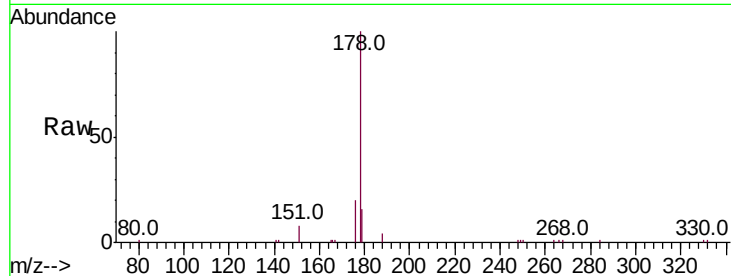
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:178	Resp:	7974
Ion Ratio	Lower	Upper
178	100	
176	19.6	15.9 23.9
179	15.9	12.3 18.5

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#24

Anthracene

Concen: 0.485 ng

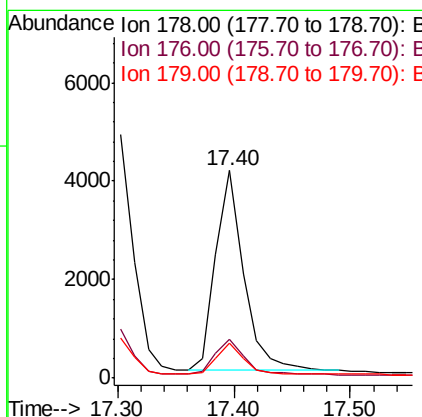
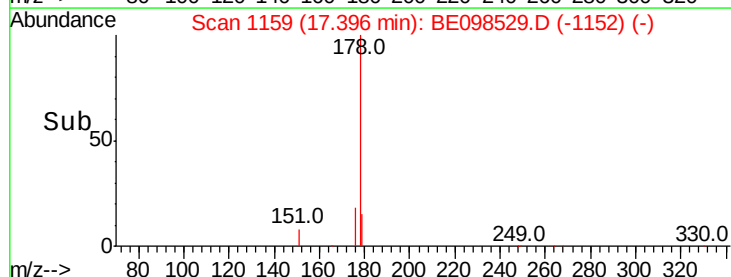
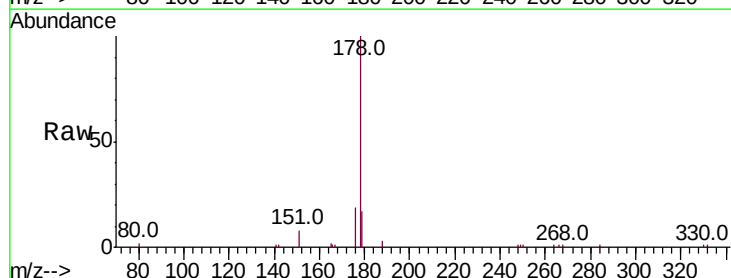
RT: 17.40 min Scan# 1159

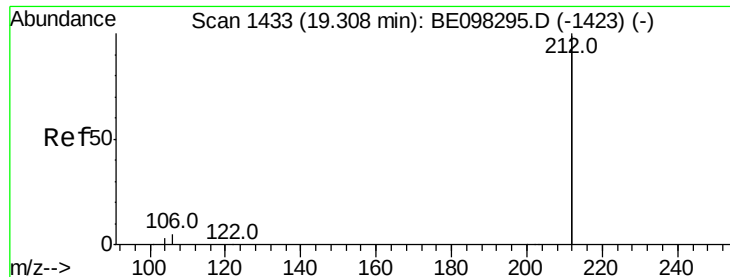
Delta R.T. -0.01 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Tgt Ion:178	Resp:	6793
Ion Ratio	Lower	Upper
178	100	
176	18.9	15.0 22.4
179	15.3	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.452 ng

RT: 19.29 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Instrument :

BNA_E

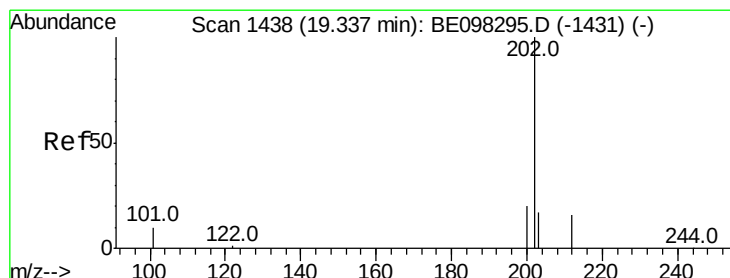
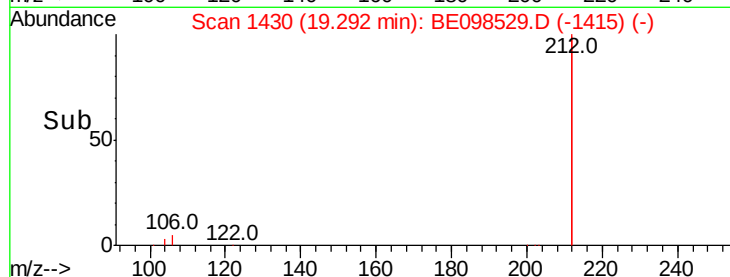
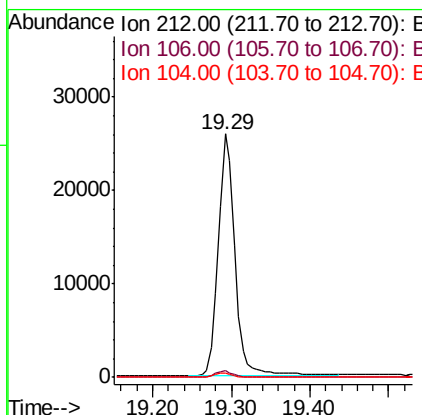
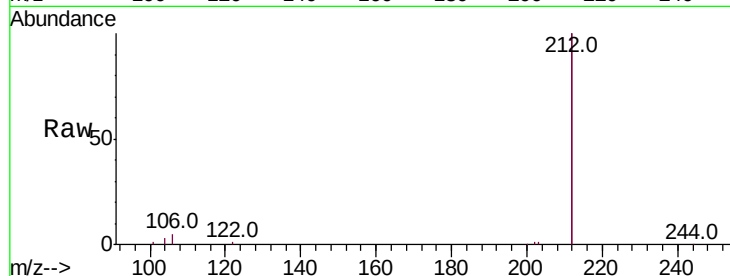
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:	212	Resp:	37419
Ion Ratio	Lower	Upper	
212	100		
106	2.5	2.2	3.2
104	1.4	1.3	1.9

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#26

Fluoranthene

Concen: 0.492 ng

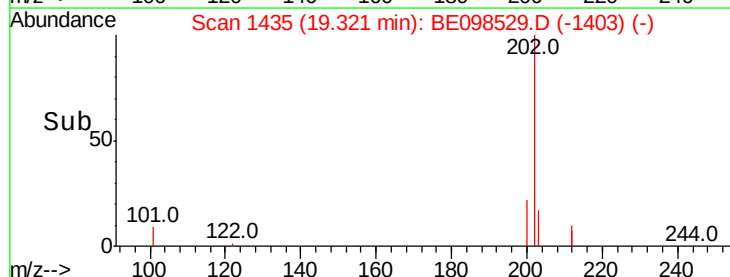
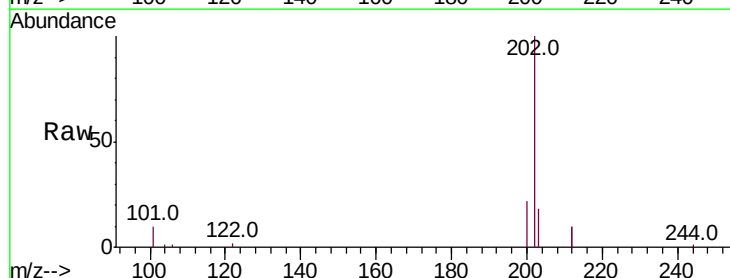
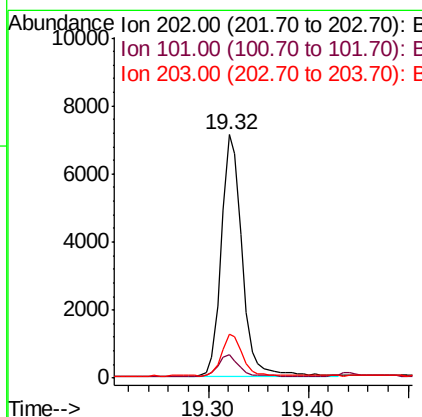
RT: 19.32 min Scan# 1435

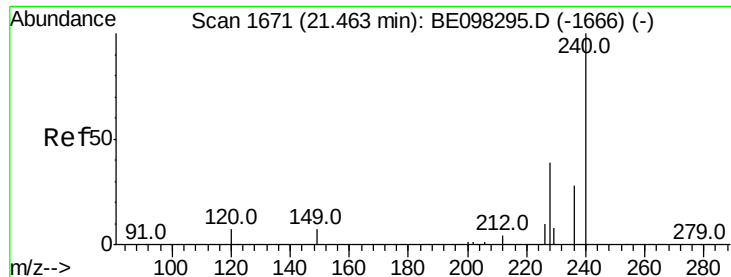
Delta R.T. -0.02 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Tgt Ion:	202	Resp:	10213
Ion Ratio	Lower	Upper	
202	100		
101	9.0	8.0	12.0
203	16.7	13.8	20.6





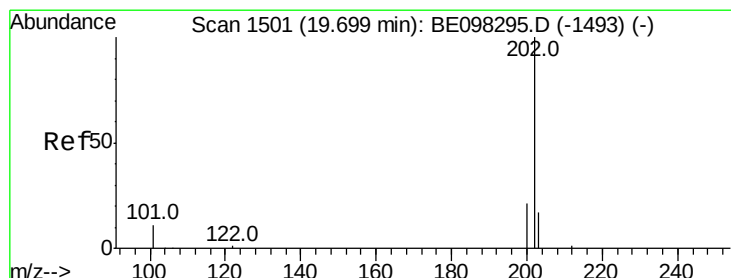
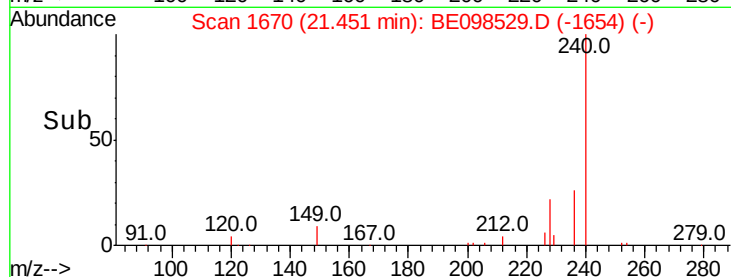
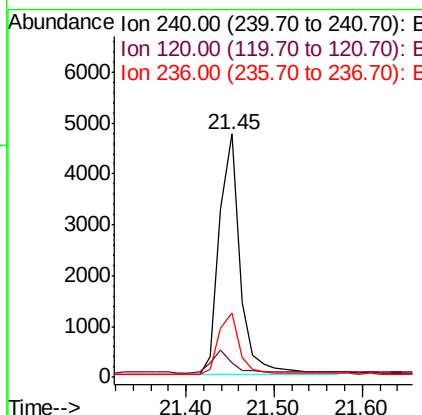
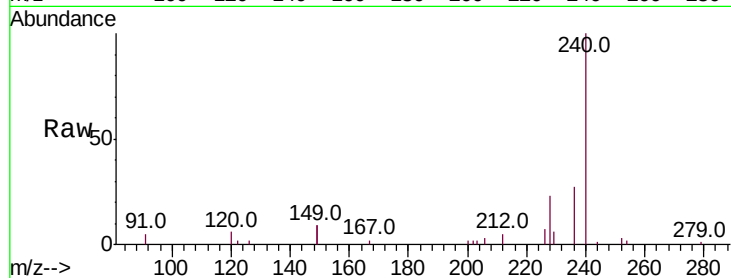
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.45 min Scan# 1670
Delta R.T. -0.01 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion:240 Resp: 7857
Ion Ratio Lower Upper
240 100
120 5.7 9.5 14.3#
236 26.7 22.7 34.1

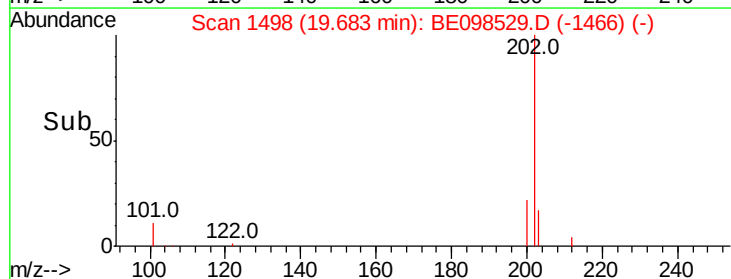
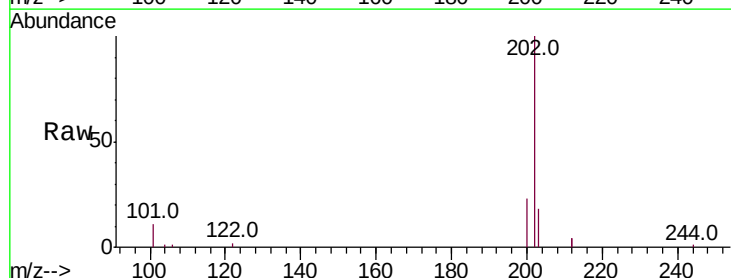
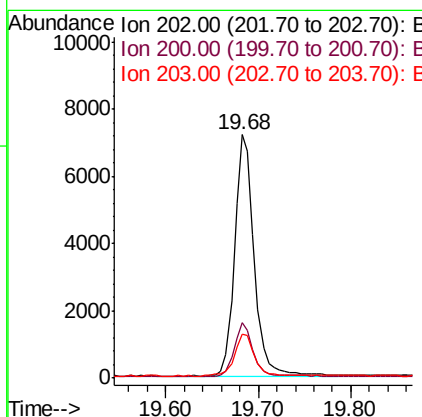
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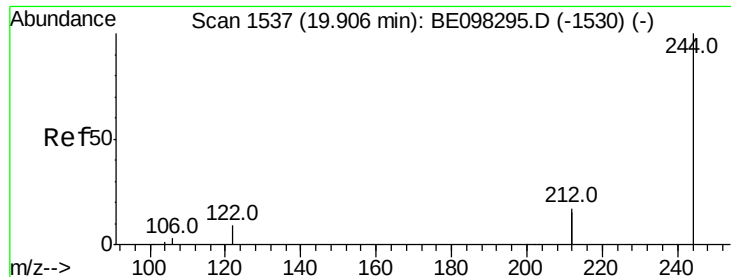
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#28
Pyrene
Concen: 0.429 ng
RT: 19.68 min Scan# 1498
Delta R.T. -0.02 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion:202 Resp: 10568
Ion Ratio Lower Upper
202 100
200 21.4 16.7 25.1
203 18.1 14.1 21.1





#29

Terphenyl-d14

Concen: 0.463 ng

RT: 19.89 min Scan# 1534

Delta R.T. -0.02 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Instrument :

BNA_E

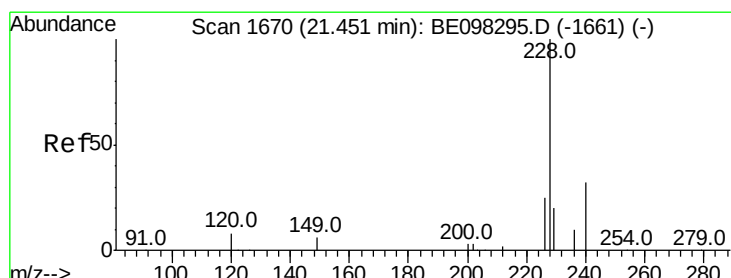
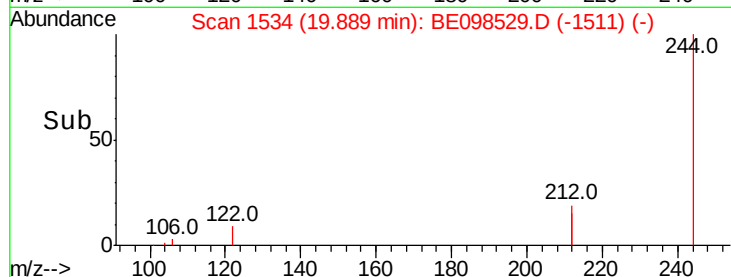
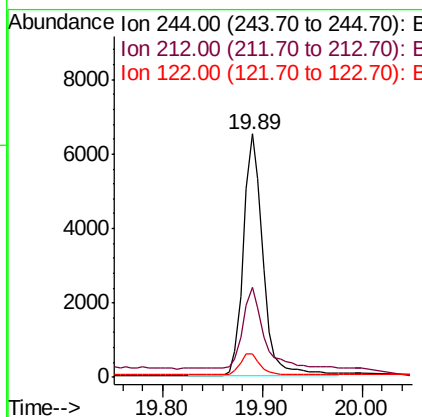
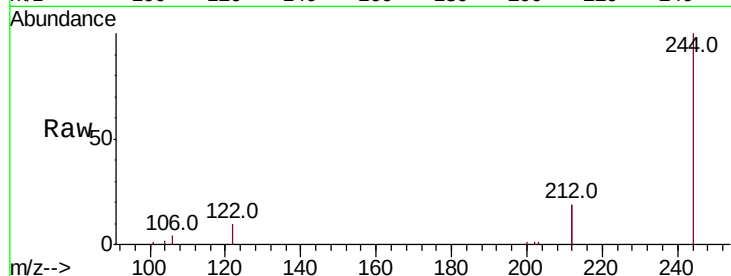
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:	244	Resp:	8838
Ion Ratio	Lower	Upper	
244	100		
212	37.0	27.4	41.0
122	9.6	8.3	12.5

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#30

Benzo(a)anthracene

Concen: 0.480 ng

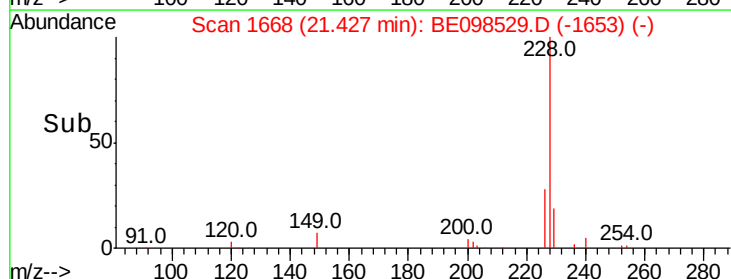
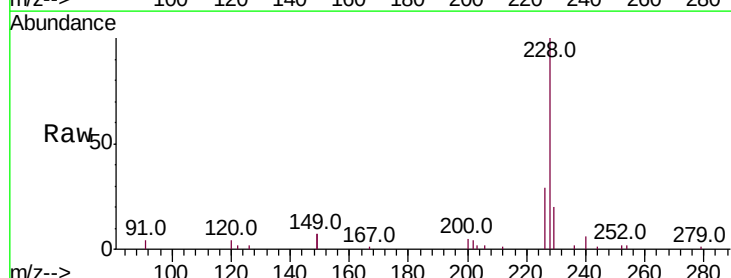
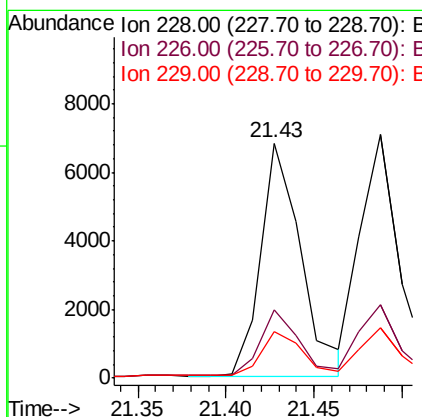
RT: 21.43 min Scan# 1668

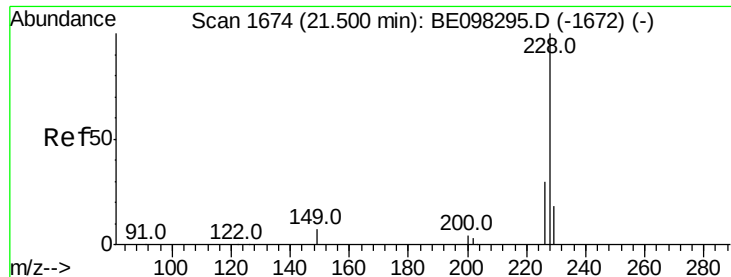
Delta R.T. -0.02 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Tgt Ion:	228	Resp:	10749
Ion Ratio	Lower	Upper	
228	100		
226	28.8	21.8	32.8
229	20.0	16.3	24.5





#31

Chrysene

Concen: 0.451 ng

RT: 21.49 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Instrument :

BNA_E

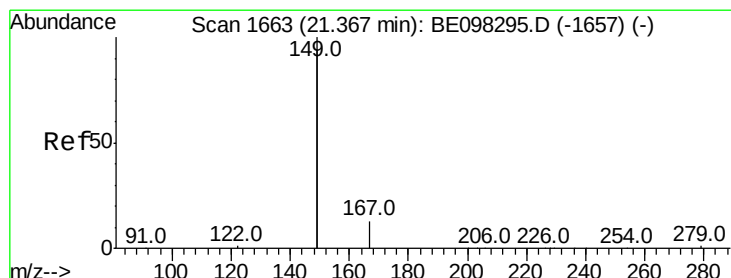
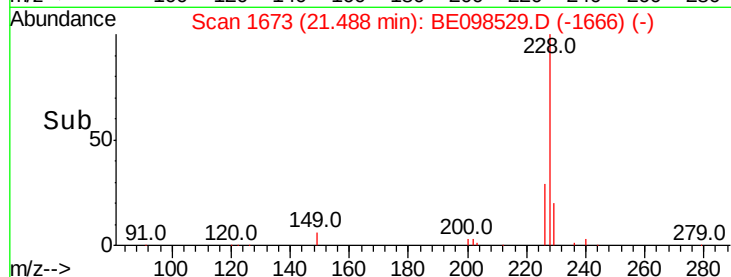
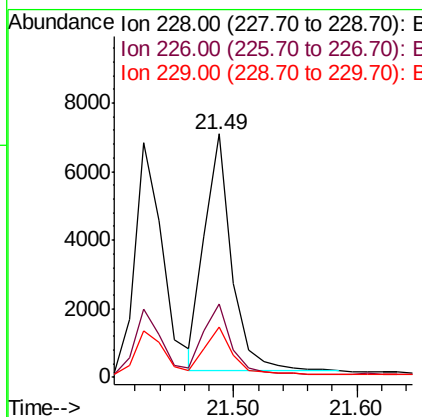
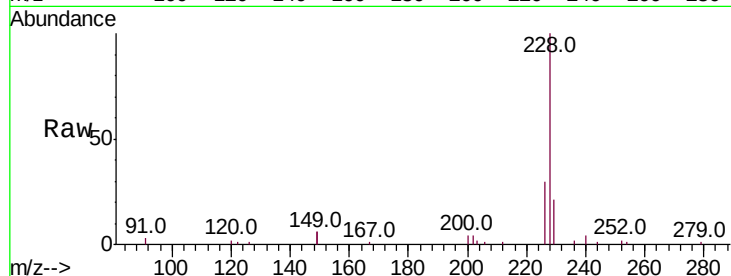
ClientSampleId :

BP-TT-SW4002-20181211MSD

Tot Ion:	228	Resp:	10576
Ion Ratio	Lower	Upper	
228	100		
226	30.0	23.4	35.0
229	20.7	16.2	24.4

Manual Integrations
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#32

Bis(2-ethylhexyl)phthalate

Concen: 0.526 ng

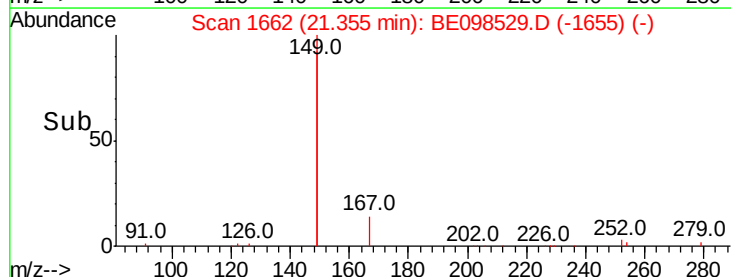
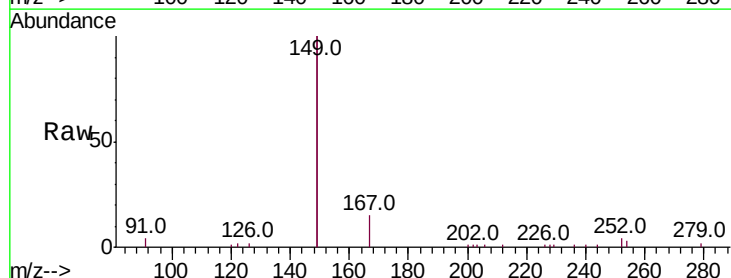
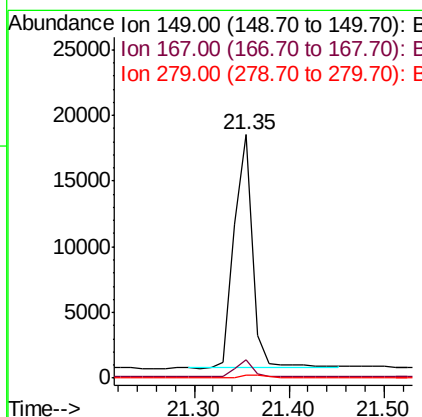
RT: 21.35 min Scan# 1662

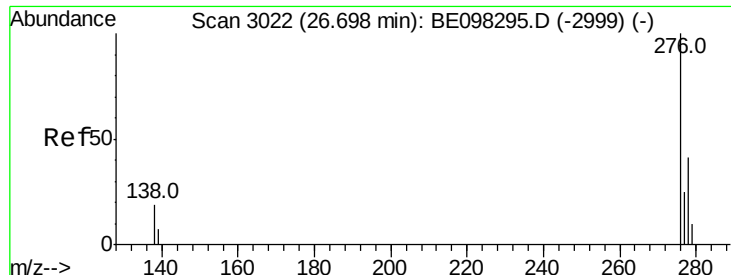
Delta R.T. -0.01 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Tgt Ion:	149	Resp:	23893
Ion Ratio	Lower	Upper	
149	100		
167	6.8	5.7	8.5
279	1.1	1.0	1.4





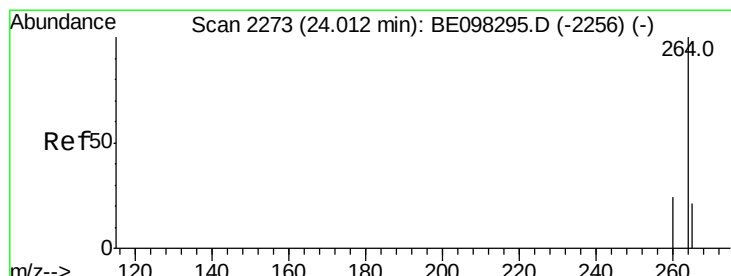
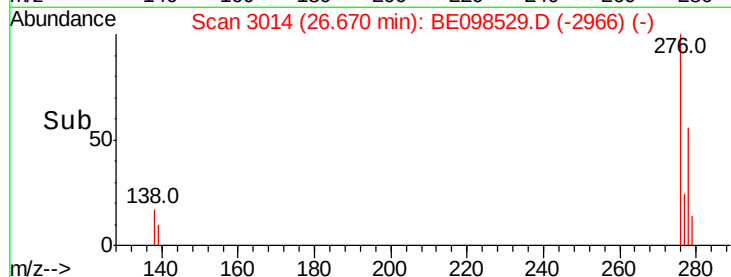
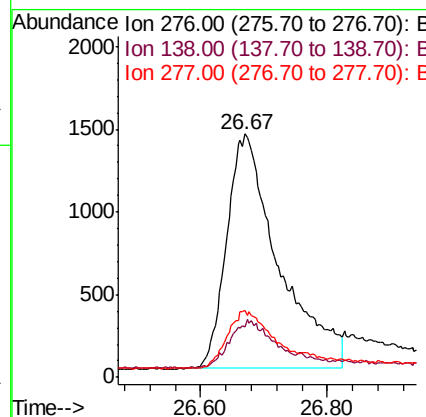
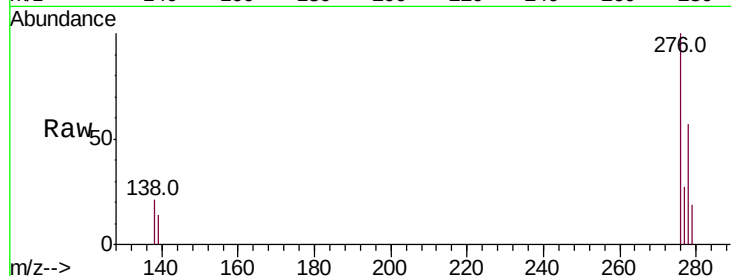
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng
RT: 26.67 min Scan# 3014
Delta R.T. -0.03 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	16.3	24.5
277	23.6	20.2	30.4

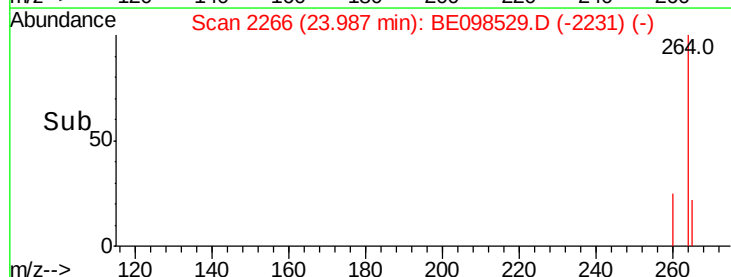
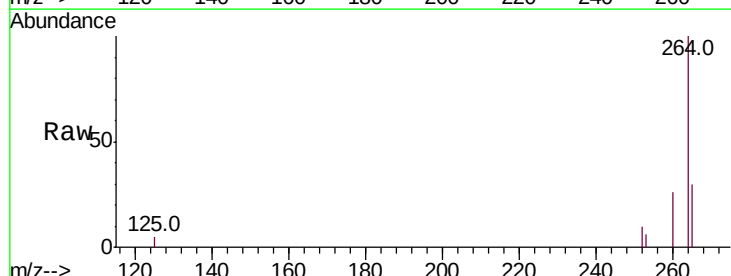
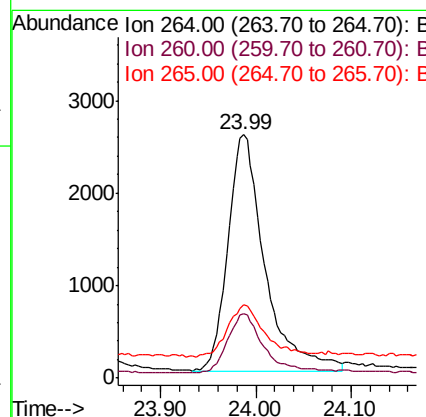
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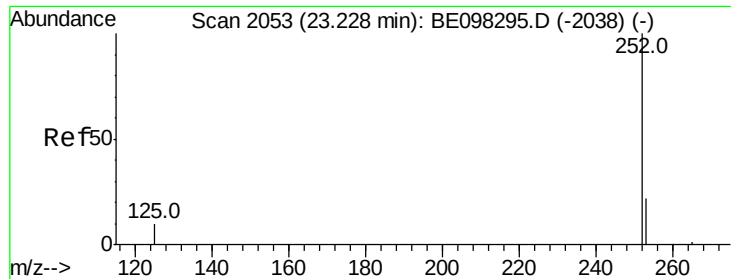
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#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2266
Delta R.T. -0.03 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.2	30.2
265	30.0	25.2	37.8





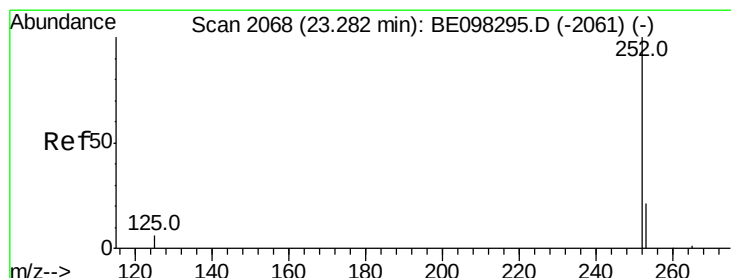
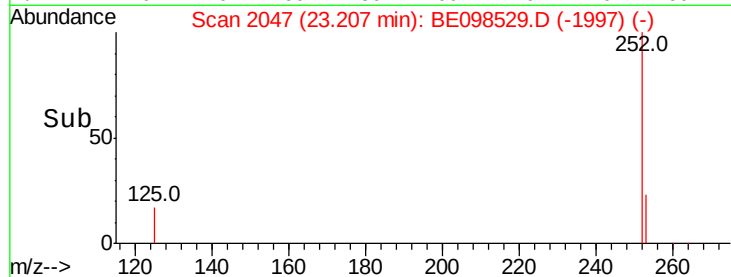
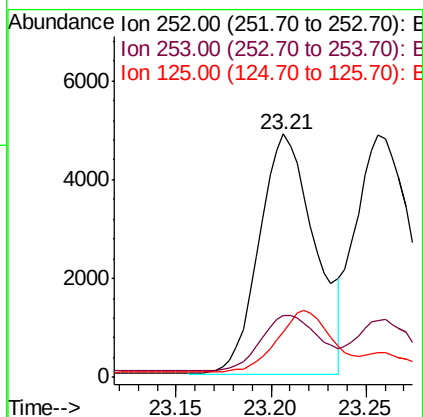
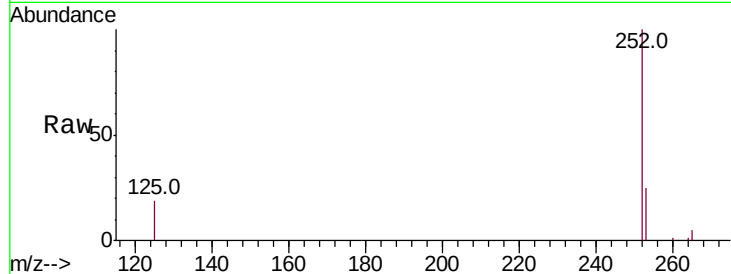
#35
Benzo(b)fluoranthene
Concen: 0.528 ng m
RT: 23.21 min Scan# 2047
Delta R.T. -0.02 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Instrument :
BNA_E
ClientSampleId :
BP-TT-SW4002-20181211MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.3	20.0	30.0
125	18.6	9.6	14.4

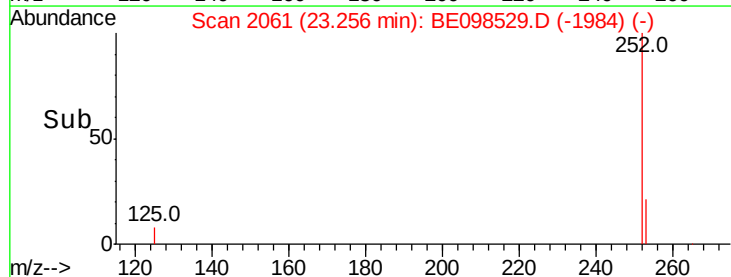
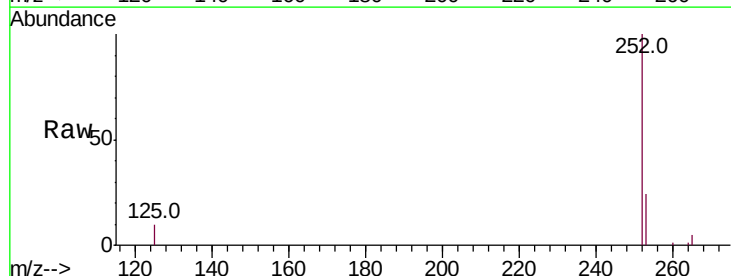
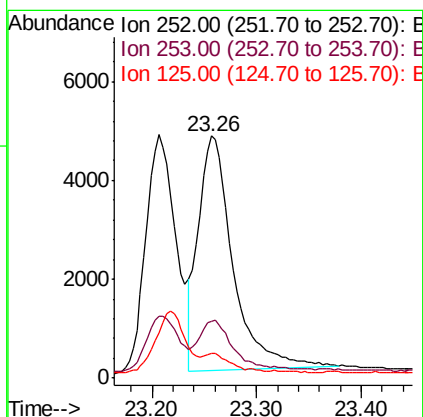
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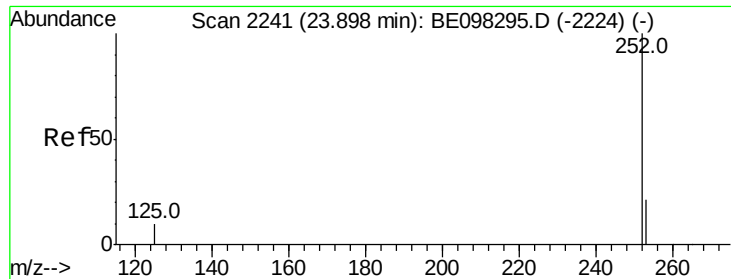
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#36
Benzo(k)fluoranthene
Concen: 0.503 ng
RT: 23.26 min Scan# 2061
Delta R.T. -0.03 min
Lab File: BE098529.D
Acq: 19 Dec 2018 15:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	19.0	28.6
125	10.0	9.1	13.7





#37

Benzo(a)pyrene

Concen: 0.509 ng

RT: 23.87 min Scan# 2234

Delta R.T. -0.03 min

Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Instrument :

BNA_E

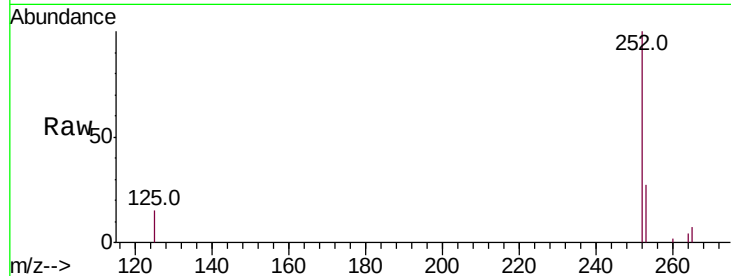
ClientSampleId :

BP-TT-SW4002-20181211MSD

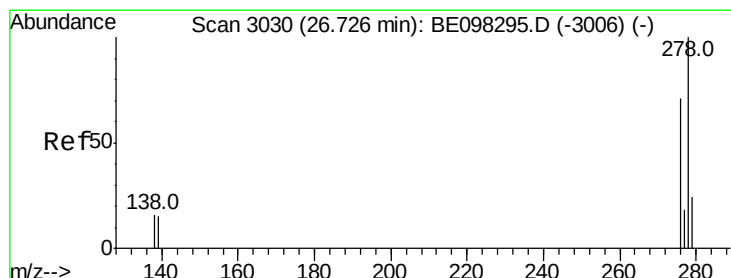
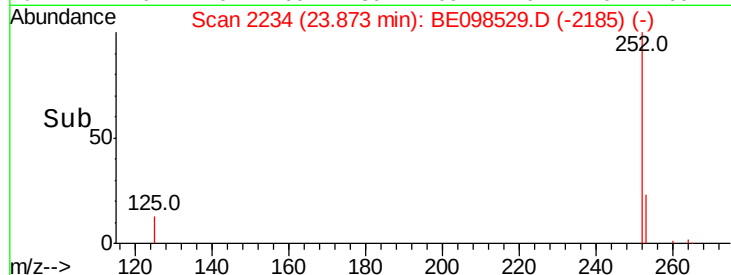
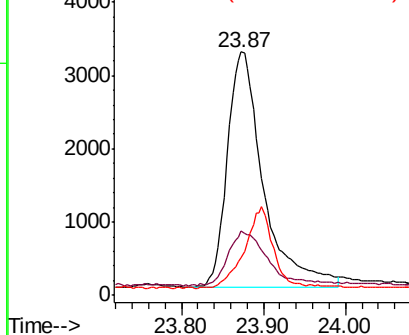
Tot Ion:	252	Resp:	9840
Ion Ratio	Lower	Upper	
252	100		
253	26.6	20.6	30.8
125	15.3	10.5	15.7

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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: 0.366 ng

RT: 26.69 min Scan# 3020

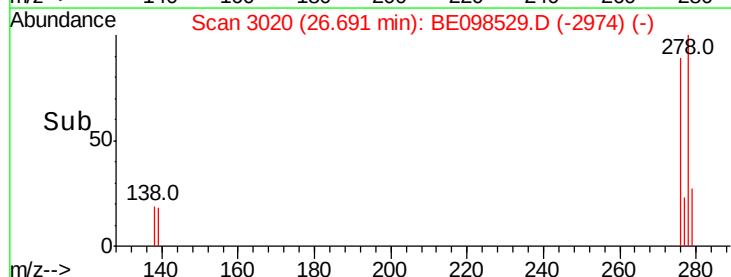
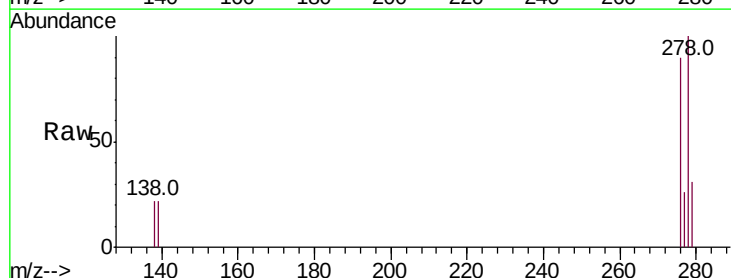
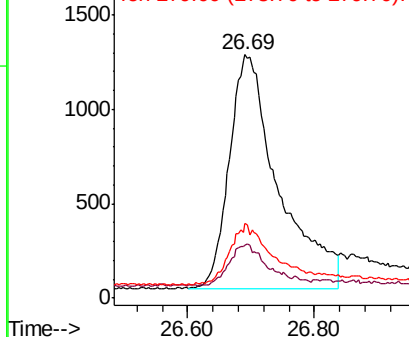
Delta R.T. -0.04 min

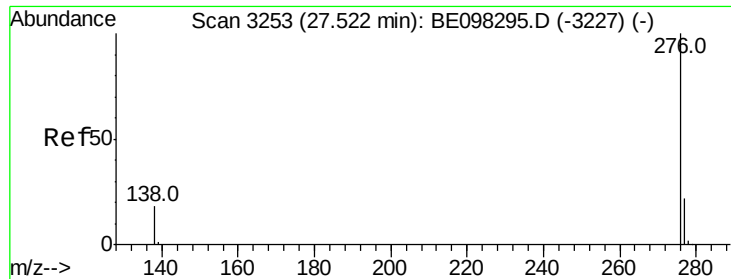
Lab File: BE098529.D

Acq: 19 Dec 2018 15:16

Tgt Ion:	278	Resp:	6665
Ion Ratio	Lower	Upper	
278	100		
139	22.0	14.5	21.7#
279	30.7	21.8	32.8

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: 0.328 ng

RT: 27.48 min Scan# 3242

Delta R.T. -0.04 min

Lab File: BE098529.D

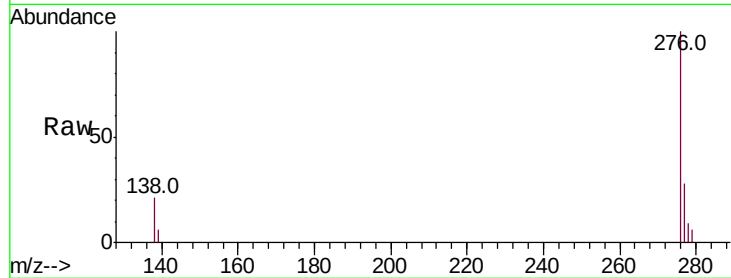
Acq: 19 Dec 2018 15:16

Instrument :

BNA_E

ClientSampleId :

BP-TT-SW4002-20181211MSD



Tot Ion:	276	Resp:	6011
Ion Ratio	Lower	Upper	
276	100		
277	27.5	20.8	31.2
138	20.7	15.8	23.6

Manual Integrations
APPROVED

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