

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
 Data File : BE098548.D
 Acq On : 21 Dec 2018 10:58
 Operator : SJ/JU
 Sample : PB115688BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 PB115688BS

Manual Integrations
 APPROVED

Sohil
 12/26/2018 3:24:28 PM

Quant Time: Dec 21 15:34:18 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	491	0.40	ng	0.00
7) Naphthalene-d8	10.67	136	2254	0.40	ng	0.00
13) Acenaphthene-d10	14.53	164	1789	0.40	ng	0.00
19) Phenanthrene-d10	17.27	188	6362	0.40	ng	-0.01
27) Chrysene-d12	21.45	240	10054	0.40	ng	-0.01
34) Perylene-d12	23.99	264	8305	0.40	ng	-0.02

System Monitoring Compounds						
4) 2-Fluorophenol	5.45	112	414	0.36	ng	0.00
5) Phenol-d6	7.06	99	560	0.34	ng	0.00
8) Nitrobenzene-d5	9.04	82	515	0.25	ng	0.03
11) 2-Methylnaphthalene-d10	12.27	152	1297	0.35	ng	0.00
14) 2,4,6-Tribromophenol	16.02	330	244	0.37	ng	0.00
15) 2-Fluorobiphenyl	13.15	172	1801	0.24	ng	0.00
25) Fluoranthene-d10	19.30	212	28368	0.35	ng	0.00
29) Terphenyl-d14	19.89	244	6041	0.25	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.36	88	301	0.354	ng	# 70
3) n-Nitrosodimethylamine	3.69	42	190	0.249	ng	# 100
6) bis(2-Chloroethyl)ether	7.30	93	309	0.200	ng	97
9) Naphthalene	10.71	128	6563	0.289	ng	# 96
10) Hexachlorobutadiene	10.99	225	446	0.309	ng	96
12) 2-Methylnaphthalene	12.34	142	1079	0.293	ng	# 92
16) Acenaphthylene	14.24	152	2115	0.252	ng	99
17) Acenaphthene	14.59	154	1318	0.262	ng	96
18) Fluorene	15.57	166	2006	0.298	ng	98
20) 4-Bromophenyl-phenylether	16.46	248	741	0.216	ng	# 79
21) Hexachlorobenzene	16.58	284	941	0.256	ng	95
22) Pentachlorophenol	16.94	266	343	0.549	ng	95
23) Phenanthrene	17.31	178	4217	0.273	ng	99
24) Anthracene	17.41	178	3278	0.238	ng	98
26) Fluoranthene	19.33	202	6858	0.335	ng	97
28) Pyrene	19.69	202	7144	0.226	ng	99
30) Benzo(a)anthracene	21.44	228	7460	0.261	ng	99
31) Chrysene	21.49	228	8003	0.267	ng	97
32) Bis(2-ethylhexyl)phthalate	21.35	149	14602	0.251	ng	99
33) Indeno(1,2,3-cd)pyrene	26.68	276	7053	0.236	ng	99
35) Benzo(b)fluoranthene	23.21	252	6982m	0.307	ng	
36) Benzo(k)fluoranthene	23.26	252	7477	0.283	ng	98
37) Benzo(a)pyrene	23.88	252	6731	0.287	ng	99
38) Dibenzo(a,h)anthracene	26.70	278	5723	0.259	ng	# 95
39) Benzo(g,h,i)perylene	27.49	276	6184	0.278	ng	100

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

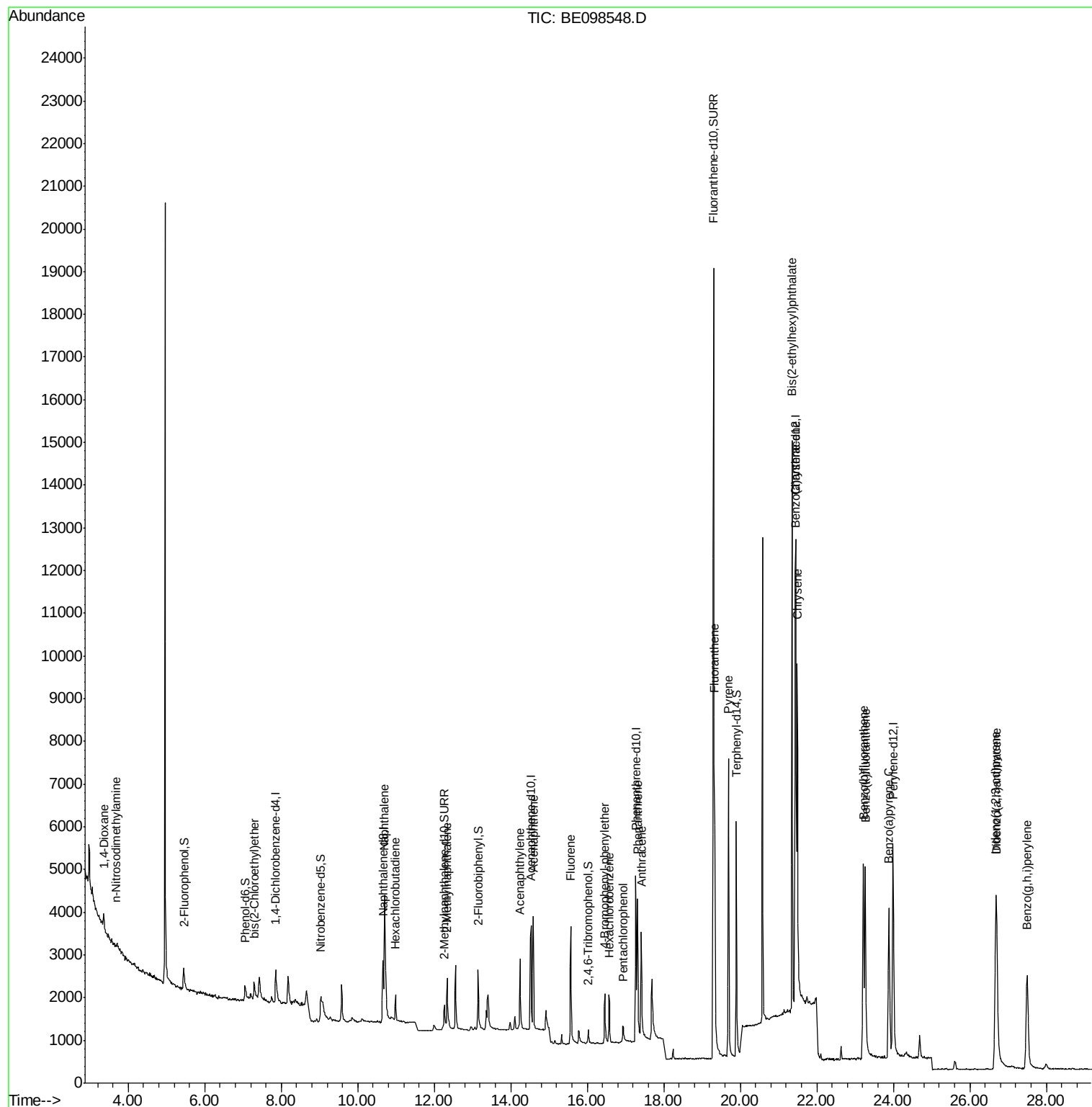
Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE122118\
Data File : BE098548.D
Acq On : 21 Dec 2018 10:58
Operator : SJ/JU
Sample : PB115688BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

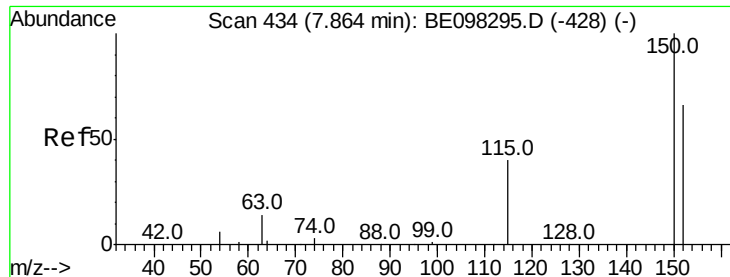
Instrument :
BNA_E
ClientSampleId :
PB115688BS

Manual Integrations
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Quant Time: Dec 21 15:34:18 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

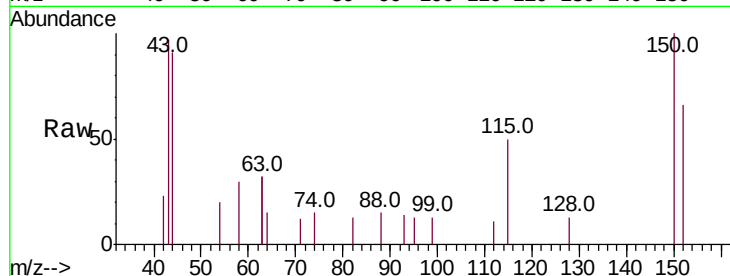
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 434
Delta R.T. -0.00 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

Instrument :
BNA_E
ClientSampleId :
PB115688BS

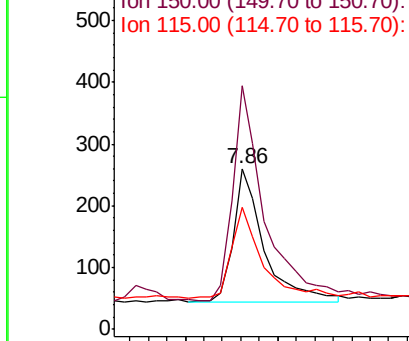
Tot Ion	Ratio	Lower	Upper
152	100		
150	151.5	124.2	186.4
115	76.2	53.9	80.9

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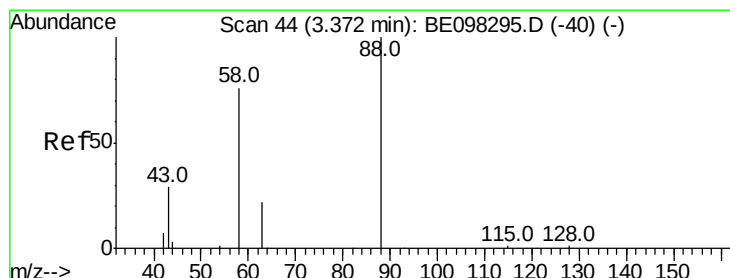
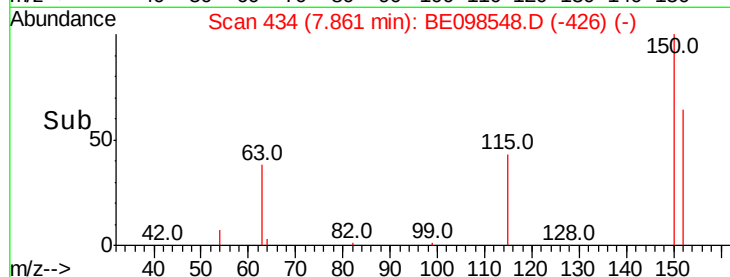
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



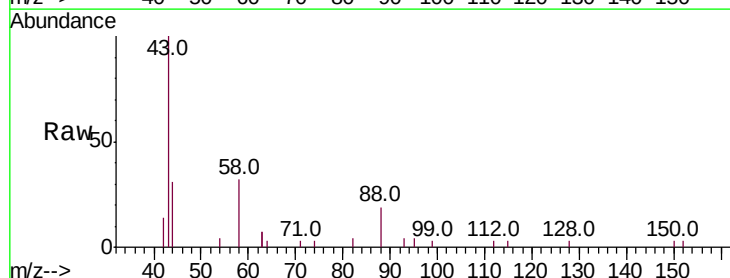
Time-->



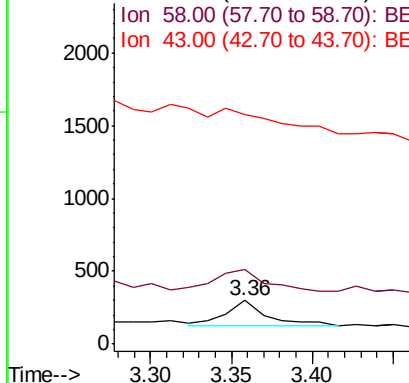
#2

1,4-Dioxane
Concen: 0.354 ng
RT: 3.36 min Scan# 43
Delta R.T. -0.01 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

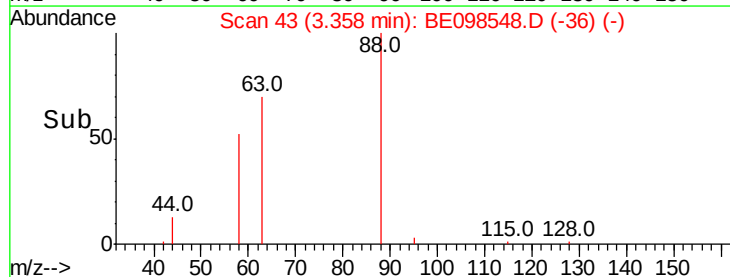
Tgt Ion	Ratio	Lower	Upper
88	100		
58	103.0	75.0	112.6
43	0.0	38.3	57.5#

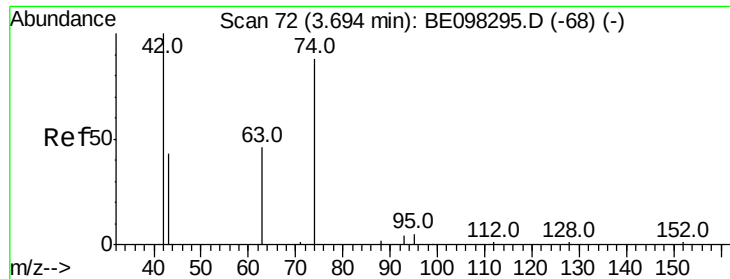


Abundance Ion 88.00 (87.70 to 88.70): BE0
Ion 58.00 (57.70 to 58.70): BE0
Ion 43.00 (42.70 to 43.70): BE0



Time-->





#3

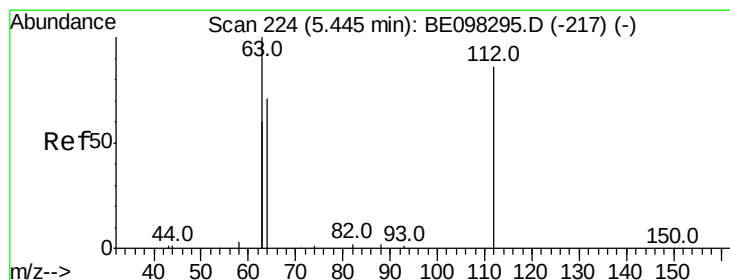
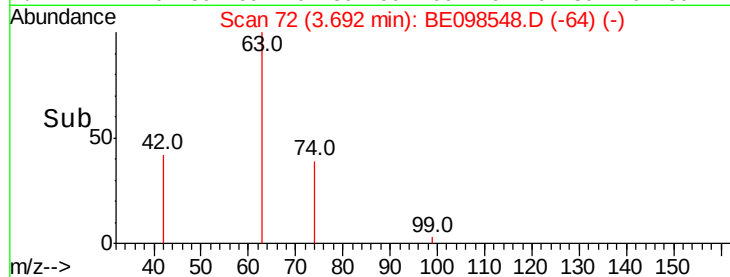
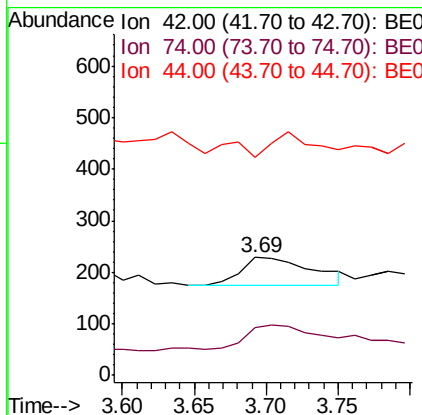
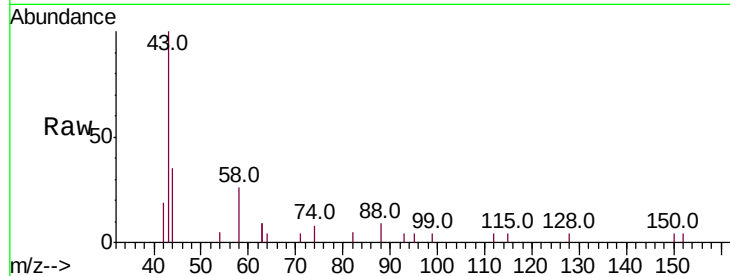
n-Nitrosodimethylamine
 Concen: 0.249 ng
 RT: 3.69 min Scan# 72
 Delta R.T. -0.00 min
 Lab File: BE098548.D
 Acq: 21 Dec 2018 10:58

Instrument :
 BNA_E
 ClientSampleID :
 PB115688BS

Tot Ion	Ratio	Lower	Upper
42	100		
74	0.0	0.0	0.0
44	20.5	0.0	0.0#

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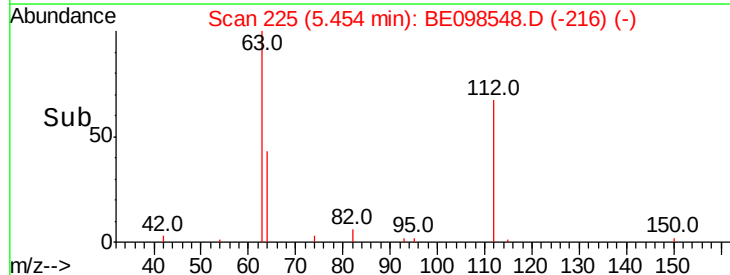
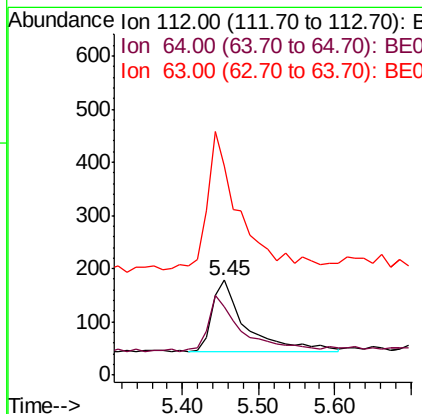
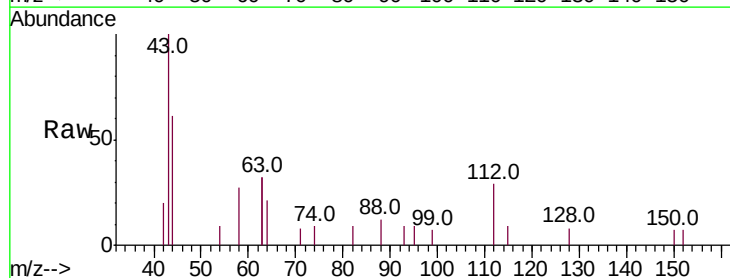
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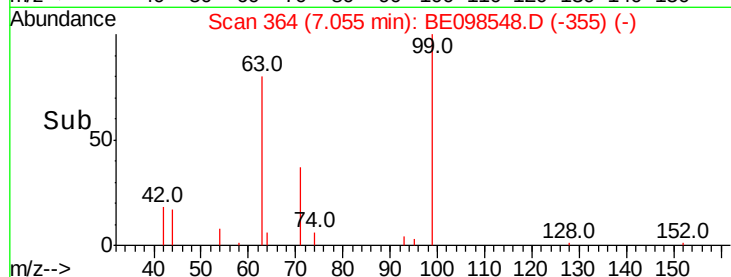
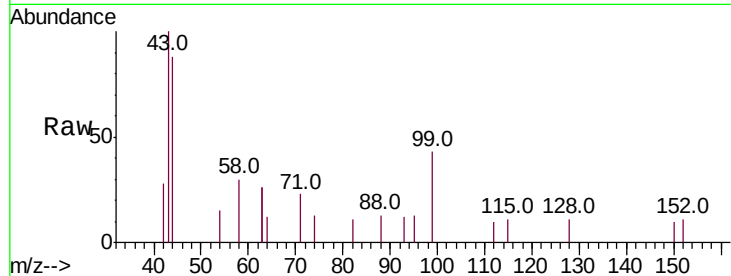
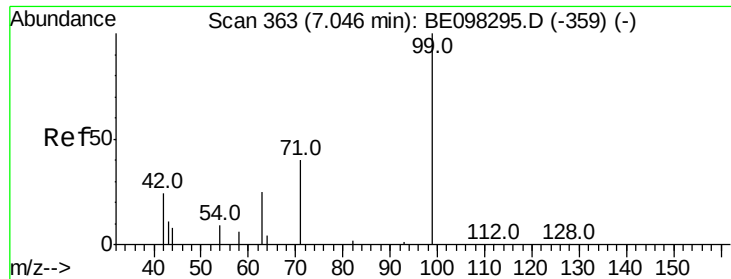


#4

2-Fluorophenol
 Concen: 0.360 ng
 RT: 5.45 min Scan# 225
 Delta R.T. 0.01 min
 Lab File: BE098548.D
 Acq: 21 Dec 2018 10:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.3	59.8	89.8
63	182.4	133.7	200.5





#5

Phenol-d6

Concen: 0.344 ng

RT: 7.06 min Scan# 364

Delta R.T. 0.01 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

Tot Ion:	99	Resp:	560
Ion	Ratio	Lower	Upper
99	100		
42	21.4	26.3	39.5#
71	47.7	33.6	50.4

Instrument :

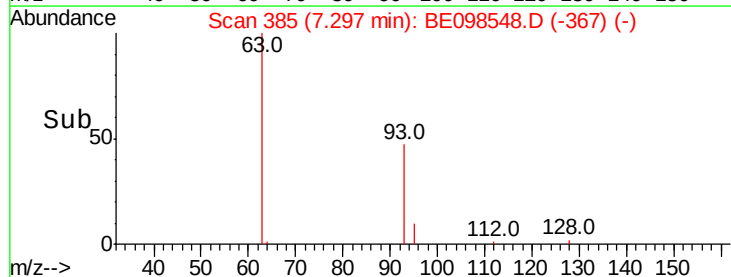
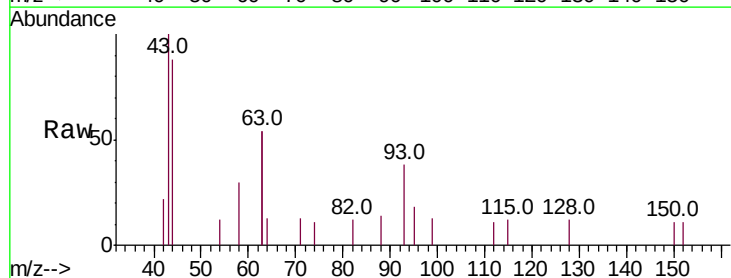
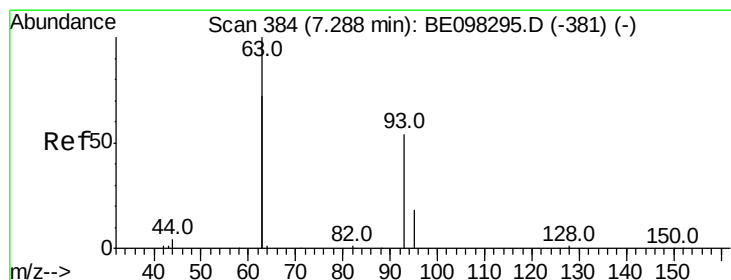
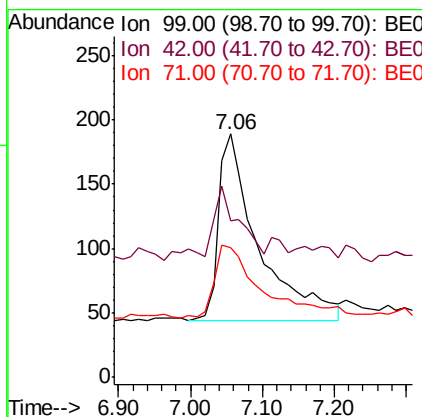
BNA_E

ClientSampleId :

PB115688BS

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#6

bis(2-Chloroethyl)ether

Concen: 0.200 ng

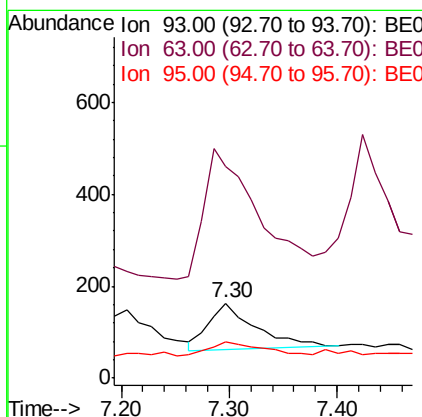
RT: 7.30 min Scan# 385

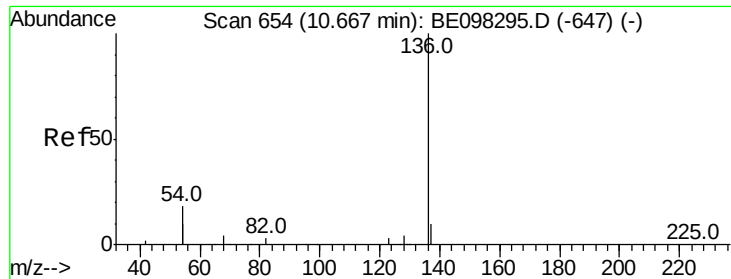
Delta R.T. 0.01 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

Tgt Ion:	93	Resp:	309
Ion	Ratio	Lower	Upper
93	100		
63	325.2	264.4	396.6
95	35.3	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: BE098548.D

Acq: 21 Dec 2018 10:58

Instrument :

BNA_E

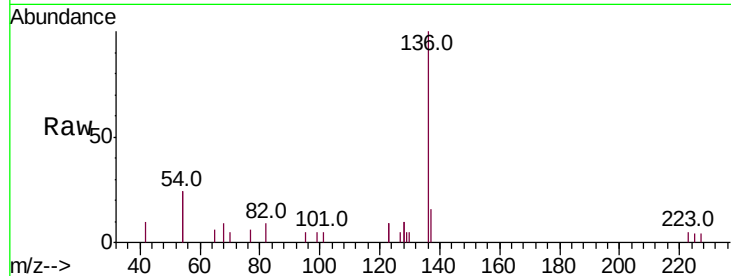
ClientSampleId :

PB115688BS

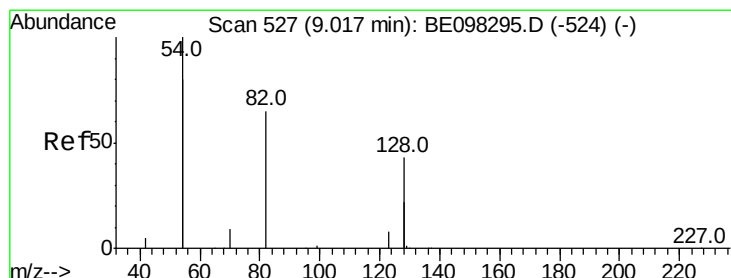
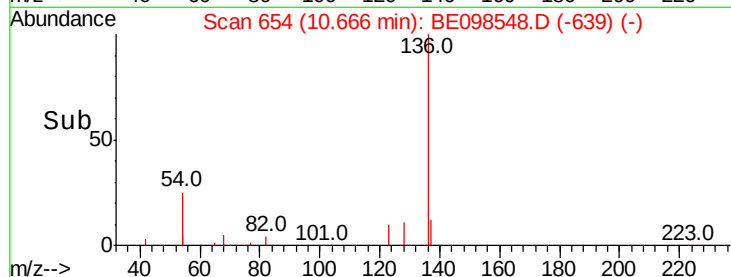
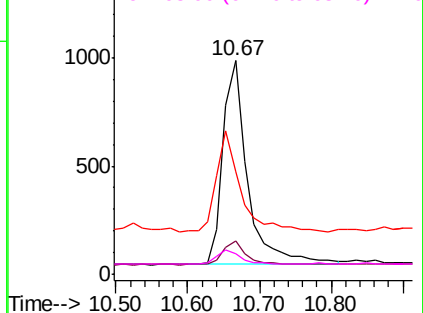
Tot Ion	Ratio	Lower	Upper
136	100		
137	15.6	9.2	13.8#
54	48.1	28.4	42.6#
68	9.3	5.4	8.0#

Manual Integrations
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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: 0.251 ng

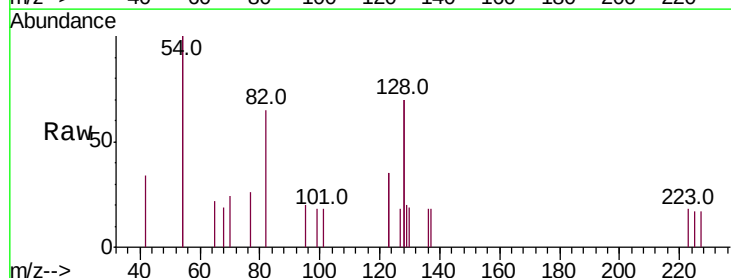
RT: 9.04 min Scan# 529

Delta R.T. 0.03 min

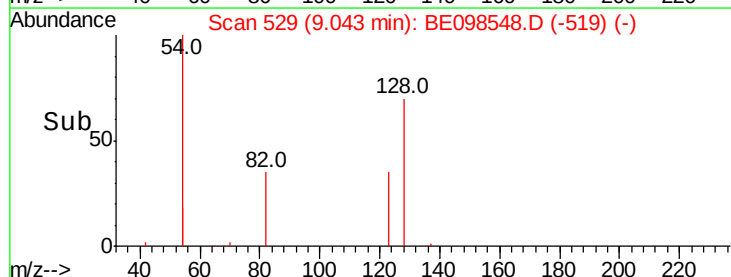
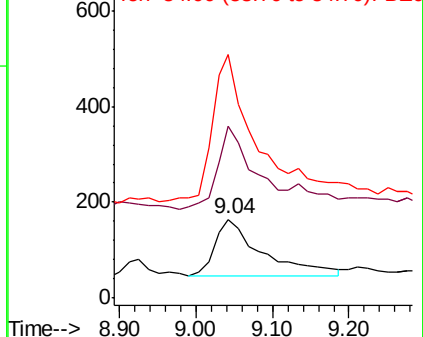
Lab File: BE098548.D

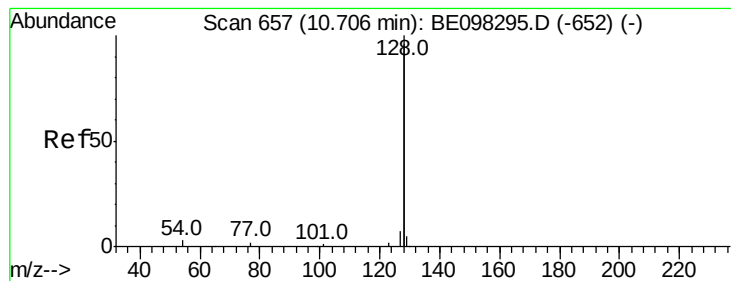
Acq: 21 Dec 2018 10:58

Tgt Ion	Ratio	Lower	Upper
82	100		
128	217.0	102.4	153.6#
54	307.9	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: 0.289 ng

RT: 10.71 min Scan# 657

Delta R.T. -0.00 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

Instrument :

BNA_E

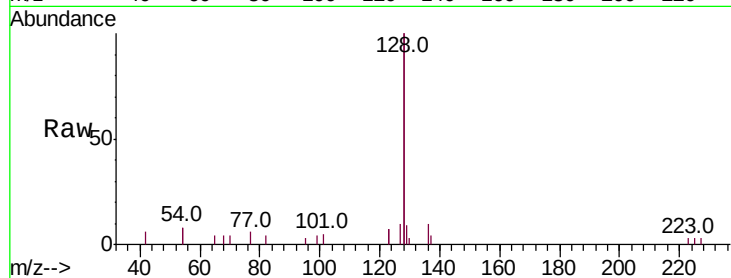
ClientSampleId :

PB115688BS

Tot Ion:	128	Resp:	6563
Ion Ratio	Lower	Upper	
128	100		
129	4.6	2.5	3.7#
127	4.8	2.7	4.1#

Manual Integrations
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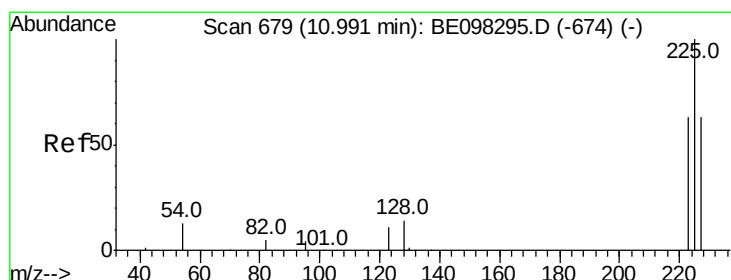
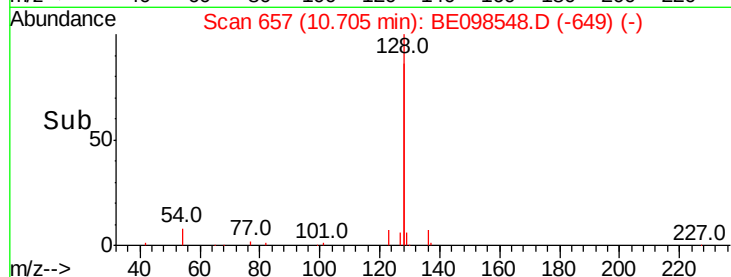
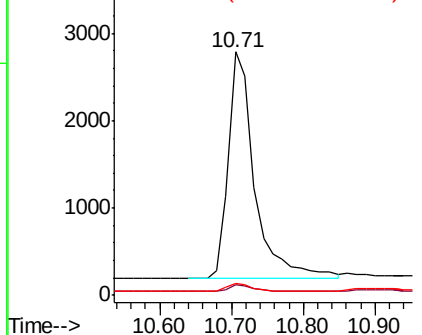
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#10

Hexachlorobutadiene

Concen: 0.309 ng

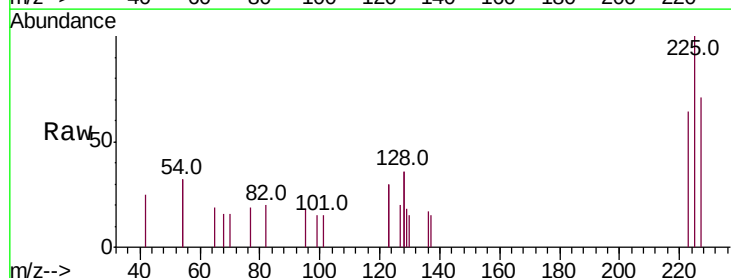
RT: 10.99 min Scan# 679

Delta R.T. -0.00 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

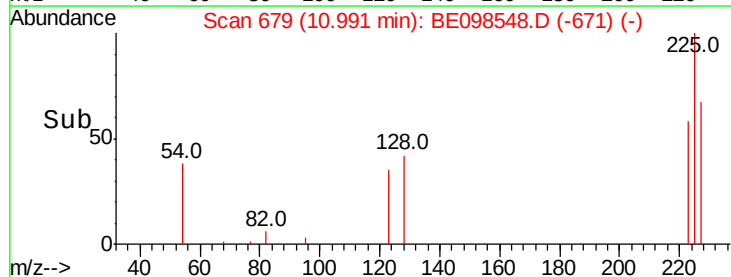
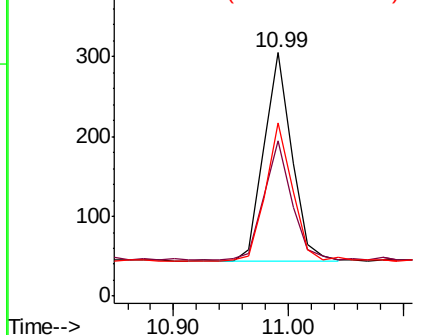
Tgt Ion:	225	Resp:	446
Ion Ratio	Lower	Upper	
225	100		
223	57.4	49.4	74.0
227	63.0	52.0	78.0

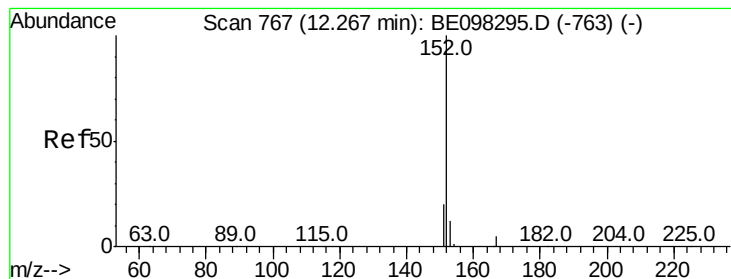


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





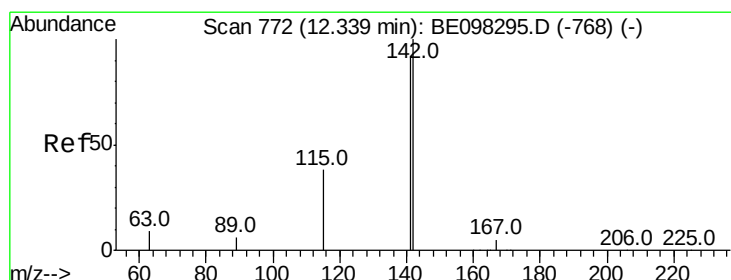
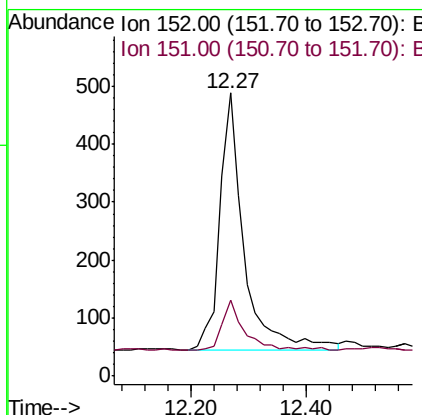
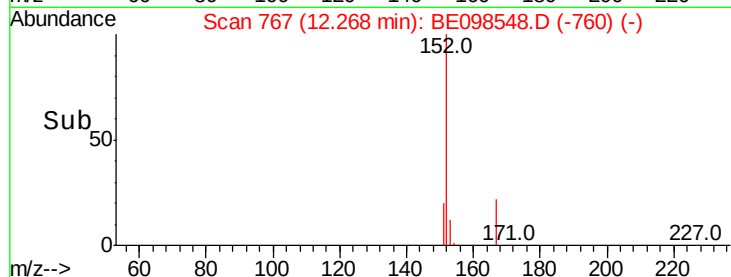
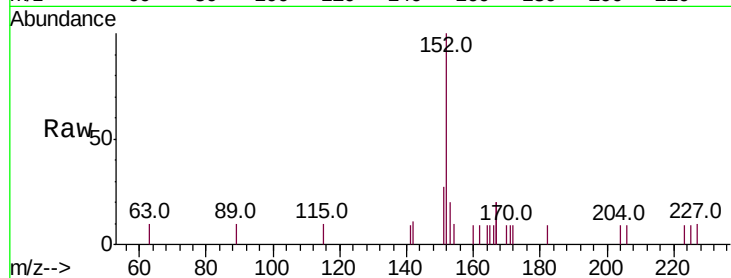
#11
 2-Methylnaphthalene-d10
 Concen: 0.354 ng
 RT: 12.27 min Scan# 767
 Delta R.T. 0.00 min
 Lab File: BE098548.D
 Acq: 21 Dec 2018 10:58

Instrument :
 BNA_E
 ClientSampleId :
 PB115688BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.4

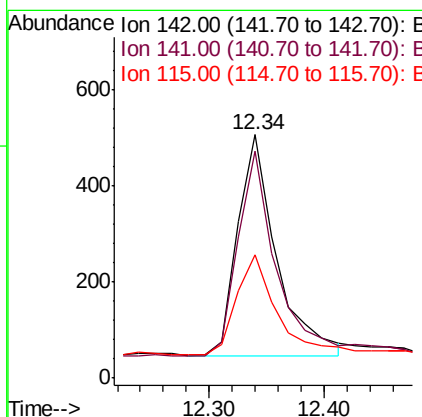
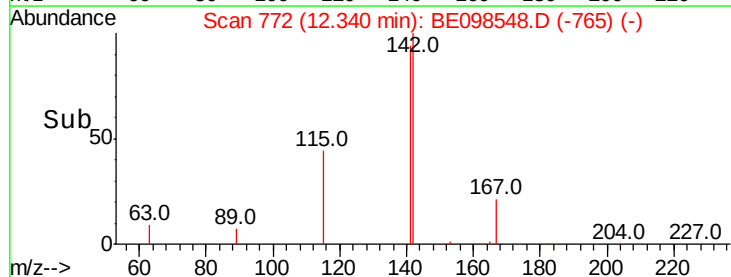
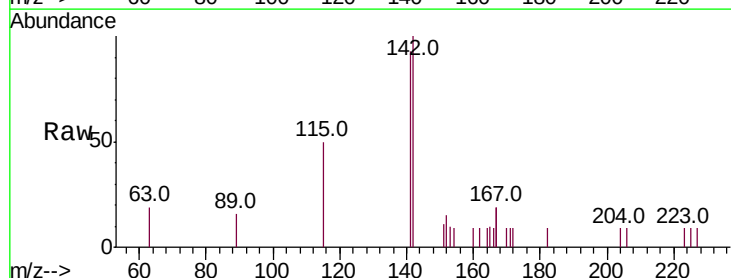
Manual Integrations
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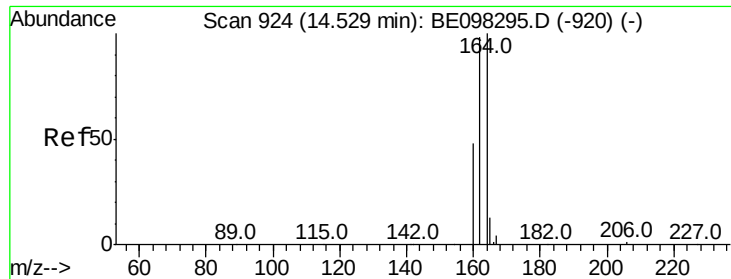
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#12
 2-Methylnaphthalene
 Concen: 0.293 ng
 RT: 12.34 min Scan# 772
 Delta R.T. 0.00 min
 Lab File: BE098548.D
 Acq: 21 Dec 2018 10:58

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.1	71.0	106.6
115	50.5	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: BE098548.D

Acq: 21 Dec 2018 10:58

Instrument :

BNA_E

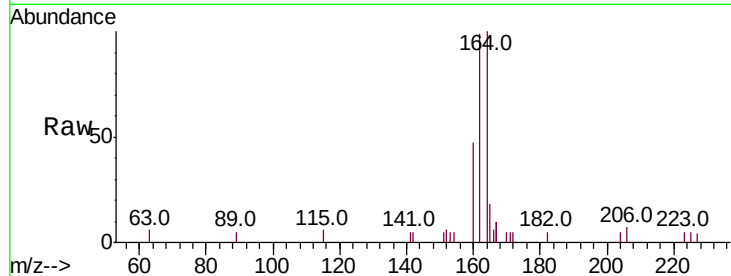
ClientSampleId :

PB115688BS

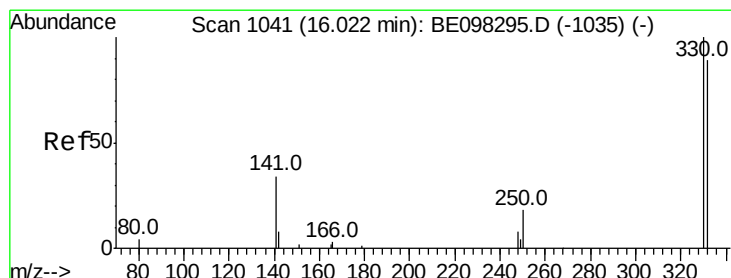
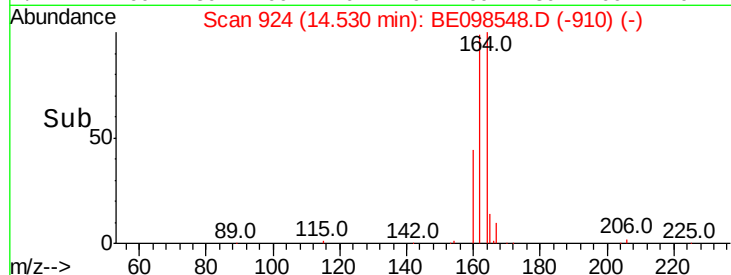
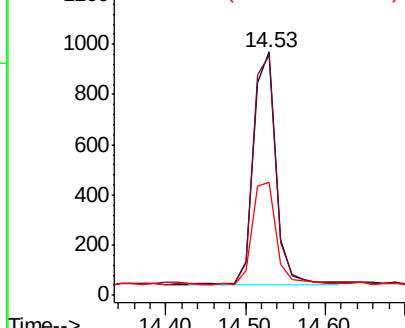
Tot Ion:	164	Resp:	1789
Ion	Ratio	Lower	Upper
164	100		
162	98.7	77.6	116.4
160	46.7	36.0	54.0

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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: 0.371 ng

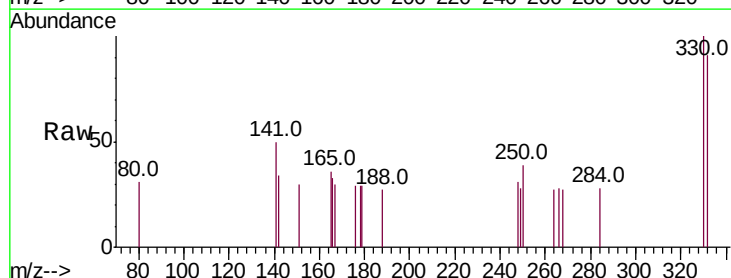
RT: 16.02 min Scan# 1041

Delta R.T. -0.00 min

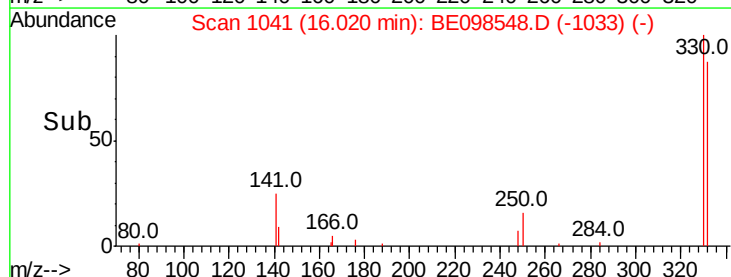
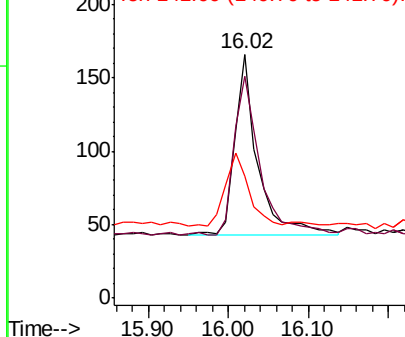
Lab File: BE098548.D

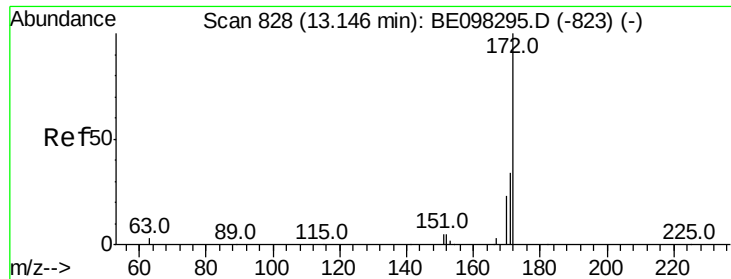
Acq: 21 Dec 2018 10:58

Tgt Ion:	330	Resp:	244
Ion	Ratio	Lower	Upper
330	100		
332	99.2	76.2	114.4
141	41.4	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





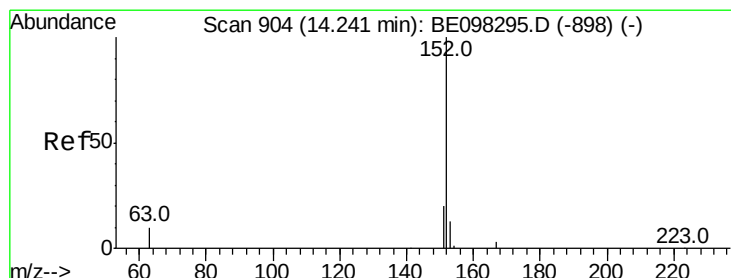
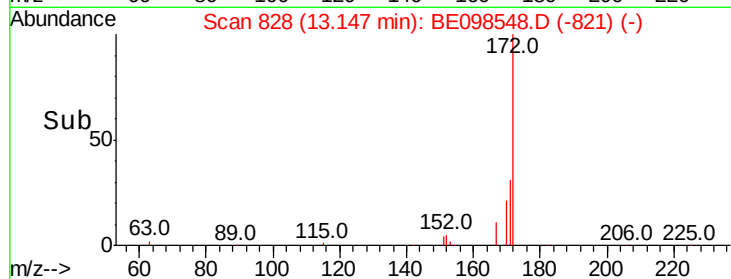
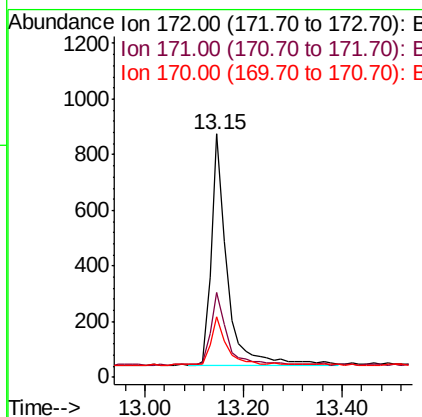
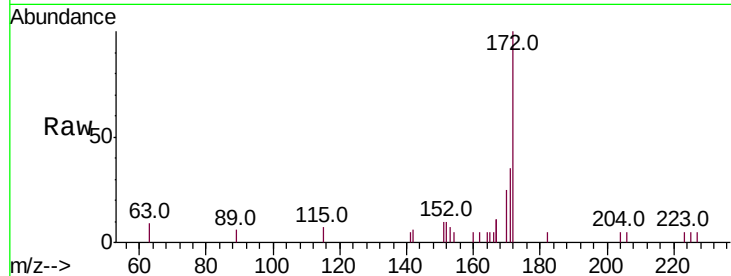
#15
2-Fluorobiphenyl
Concen: 0.239 ng
RT: 13.15 min Scan# 828
Delta R.T. 0.00 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.5	41.3
170	24.9	19.6	29.4

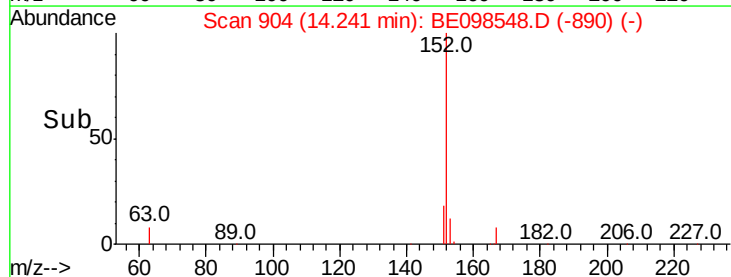
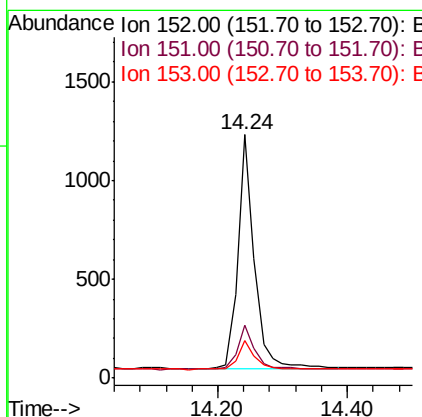
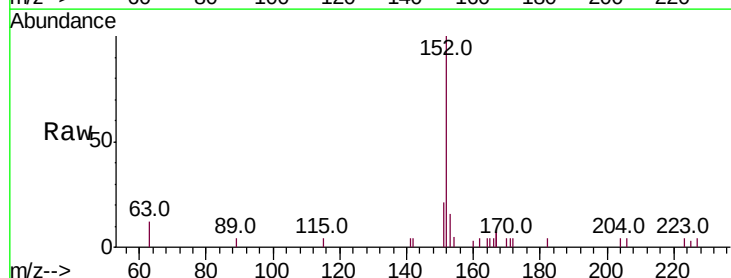
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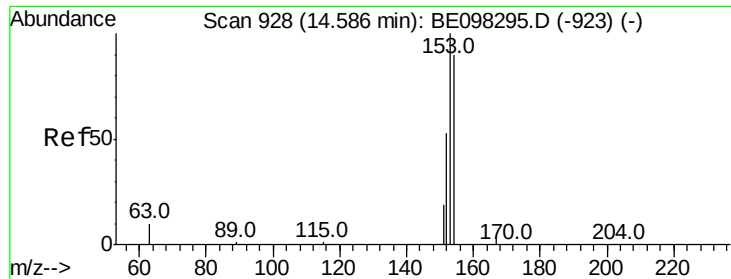
Sohil
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#16
Acenaphthylene
Concen: 0.252 ng
RT: 14.24 min Scan# 904
Delta R.T. 0.00 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3
153	13.2	10.6	16.0





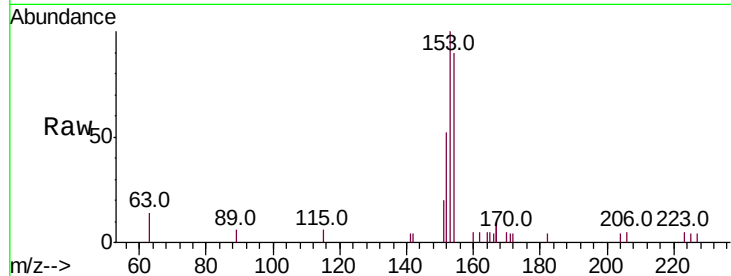
#17
Acenaphthene
Concen: 0.262 ng
RT: 14.59 min Scan# 928
Delta R.T. 0.00 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tot Ion	Ratio	Lower	Upper
154	100		
153	118.1	91.8	137.6
152	61.2	45.5	68.3

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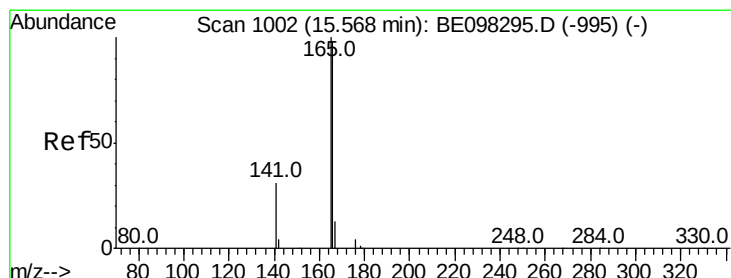
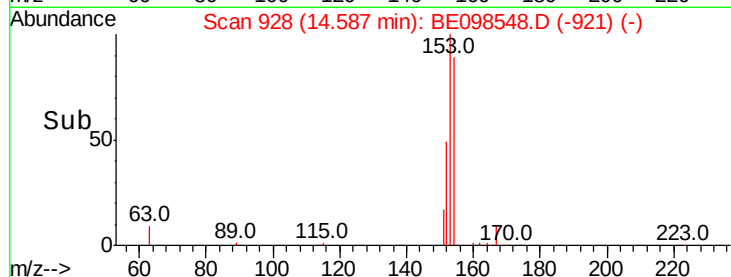
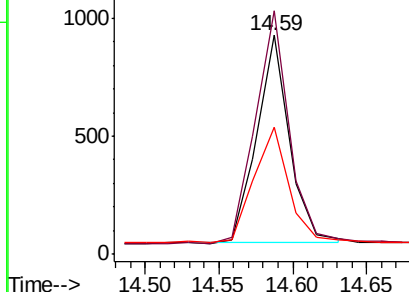


Abundance

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: 0.298 ng
RT: 15.57 min Scan# 1002
Delta R.T. -0.00 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

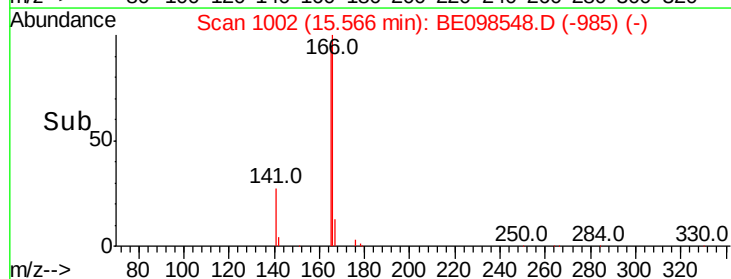
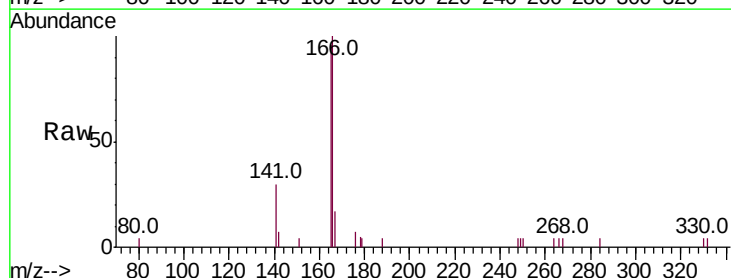
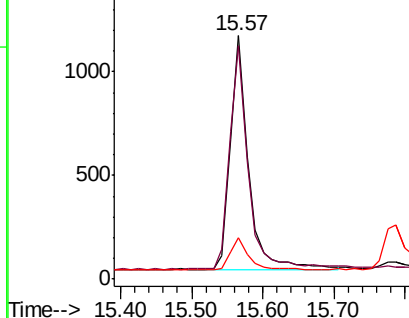
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	79.3	118.9
167	14.7	11.3	16.9

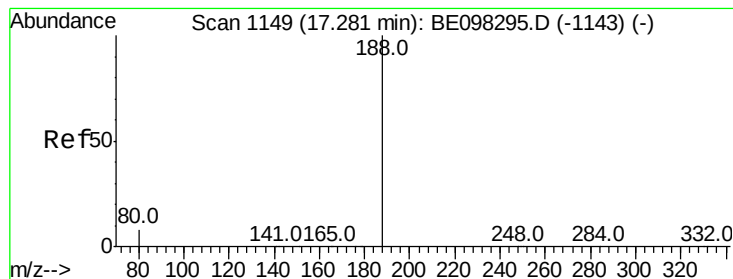
Abundance

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: BE098548.D

Acq: 21 Dec 2018 10:58

Instrument :

BNA_E

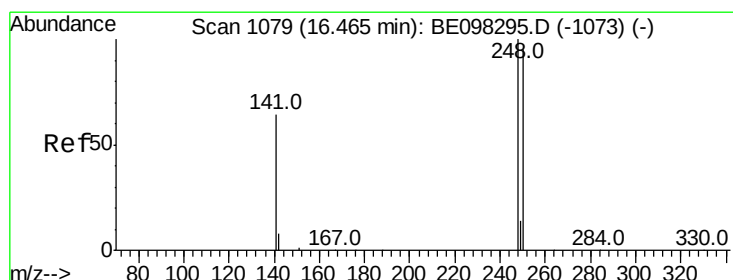
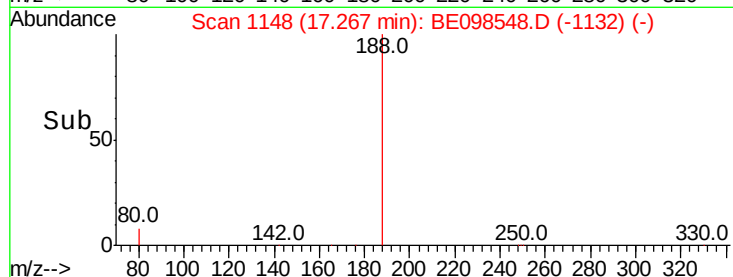
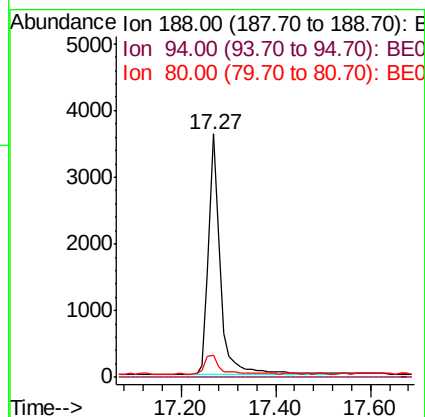
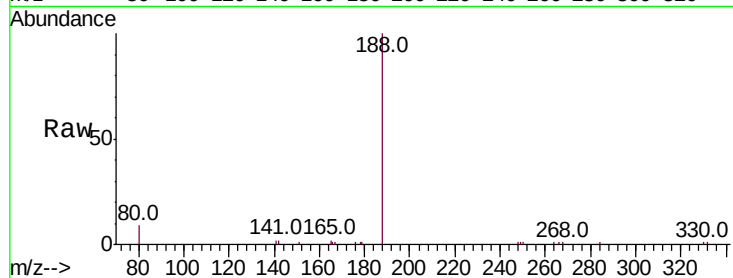
ClientSampled :

PB115688BS

Tot Ion:	188	Resp:	6362
Ion Ratio	Lower	Upper	
188	100		
94	0.0	0.0	0.0
80	8.9	7.2	10.8

Manual Integrations
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#20

4-Bromophenyl-phenylether

Concen: 0.216 ng

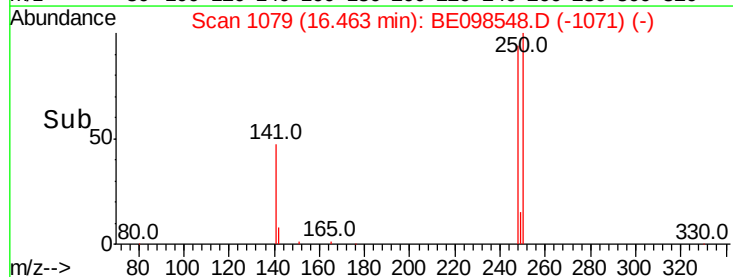
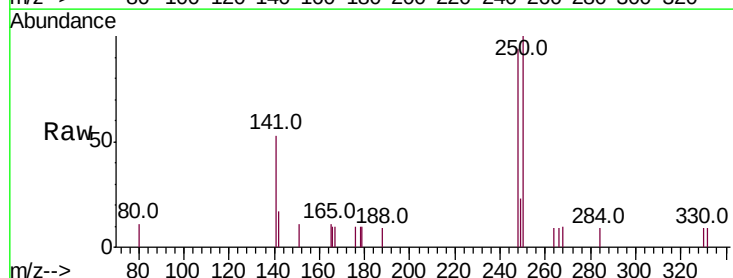
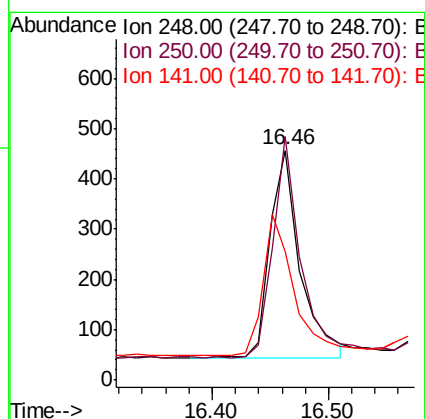
RT: 16.46 min Scan# 1079

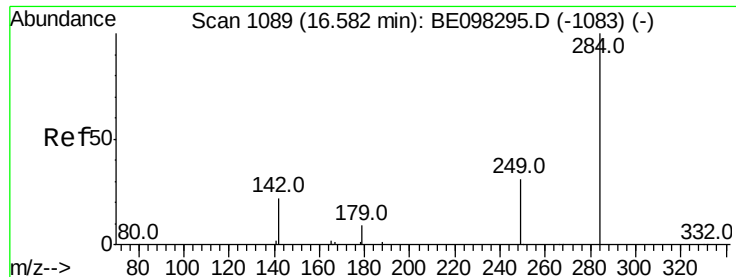
Delta R.T. -0.00 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

Tgt Ion:	248	Resp:	741
Ion Ratio	Lower	Upper	
248	100		
250	105.9	71.0	106.6
141	56.0	62.1	93.1#





#21

Hexachlorobenzene

Concen: 0.256 ng

RT: 16.58 min Scan# 1089

Delta R.T. -0.00 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

Instrument :

BNA_E

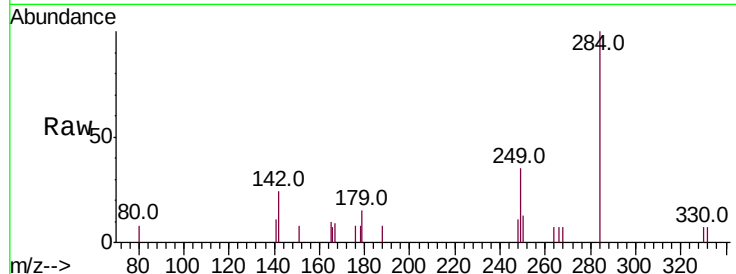
ClientSampleId :

PB115688BS

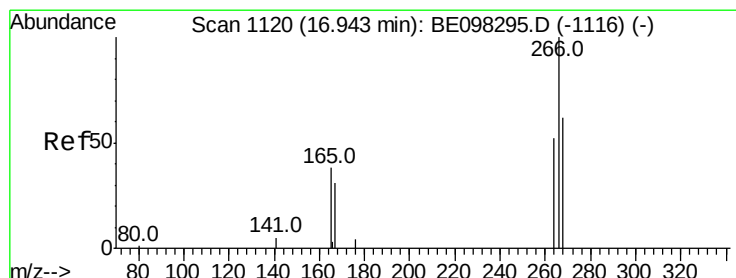
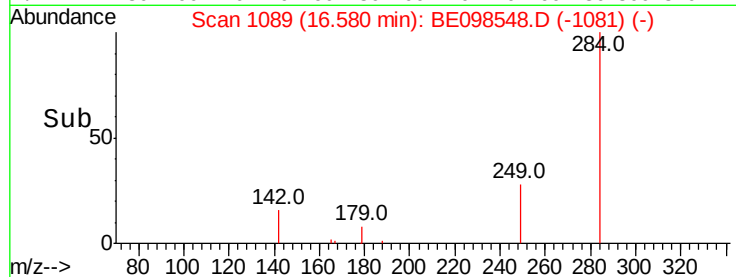
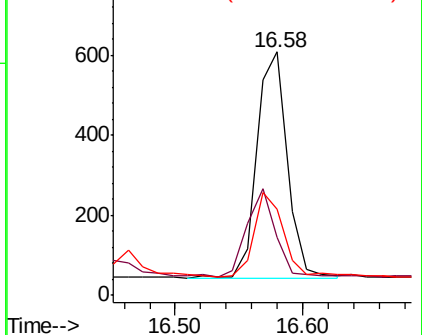
Tot Ion:	284	Resp:	941
Ion Ratio	Lower	Upper	
284	100		
142	35.7	26.3	39.5
249	35.7	26.0	39.0

Manual Integrations
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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: 0.549 ng

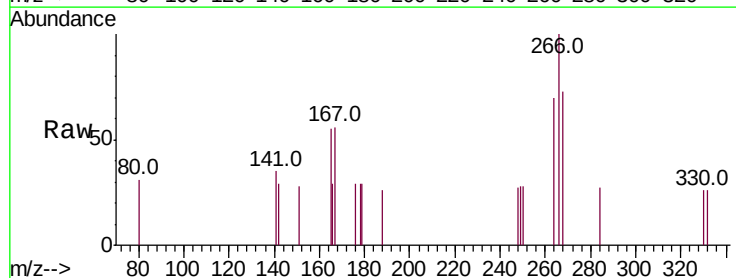
RT: 16.94 min Scan# 1120

Delta R.T. -0.00 min

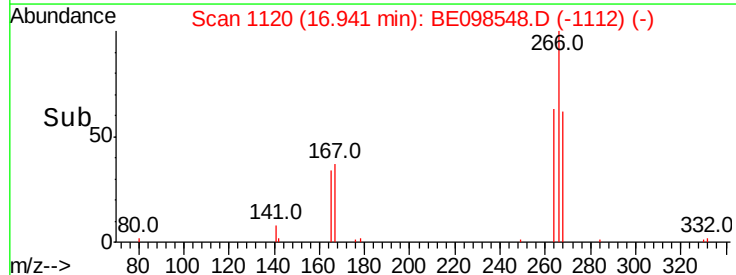
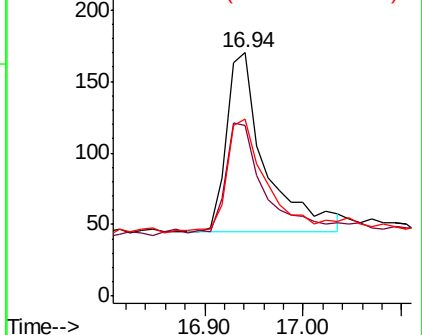
Lab File: BE098548.D

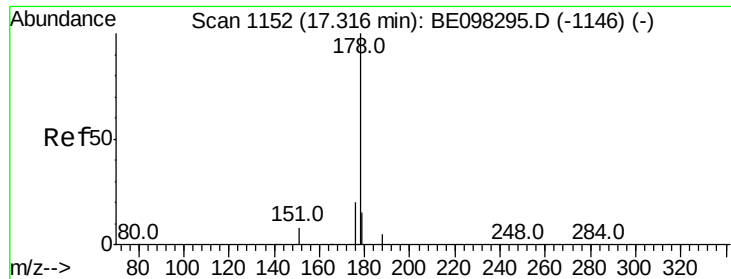
Acq: 21 Dec 2018 10:58

Tgt Ion:	266	Resp:	343
Ion Ratio	Lower	Upper	
266	100		
264	70.0	59.0	88.4
268	72.9	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: 0.273 ng

RT: 17.31 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

Instrument :

BNA_E

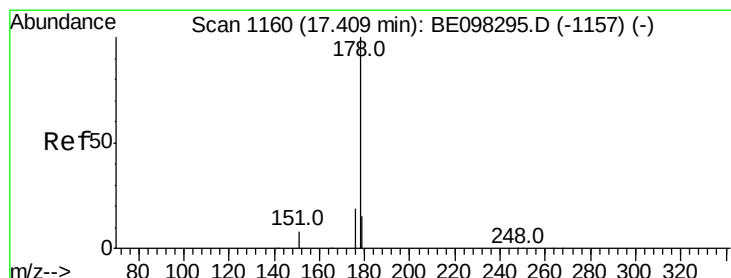
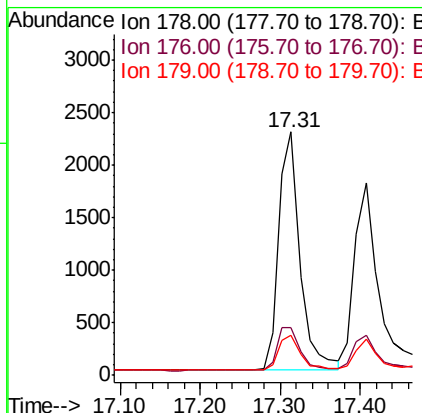
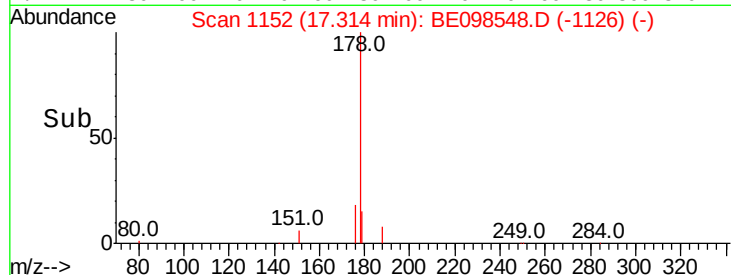
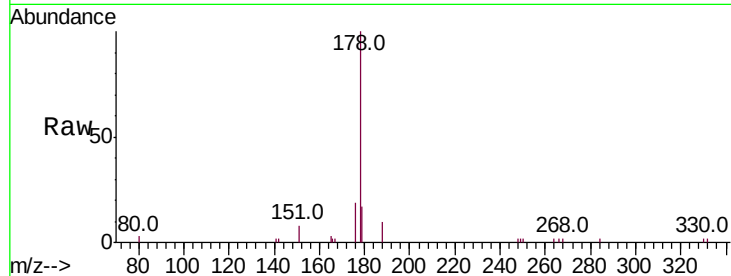
ClientSampleId :

PB115688BS

Tot Ion:178	Resp:	4217
Ion Ratio	Lower	Upper
178	100	
176	19.6	15.9 23.9
179	15.6	12.3 18.5

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#24

Anthracene

Concen: 0.238 ng

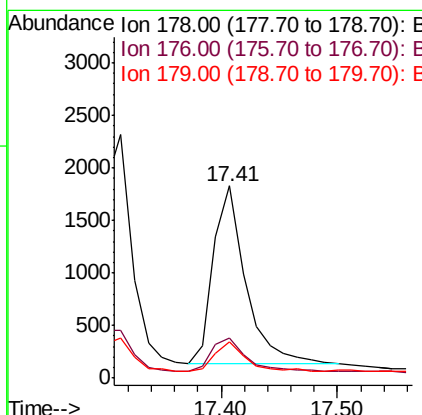
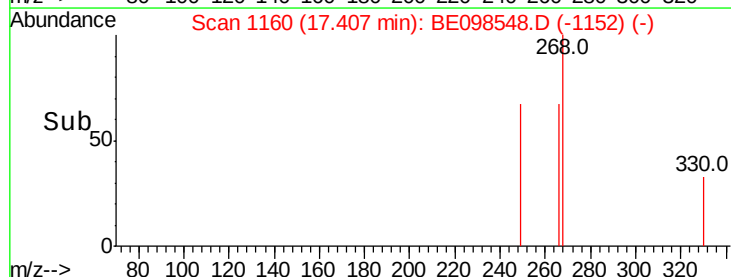
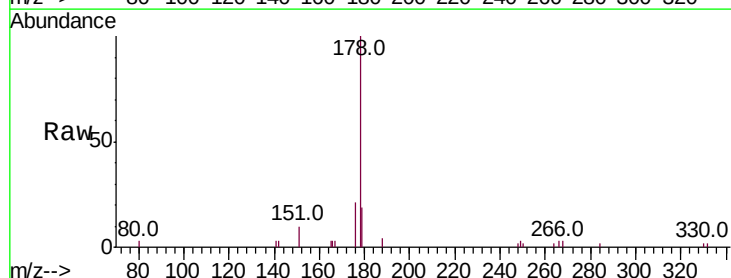
RT: 17.41 min Scan# 1160

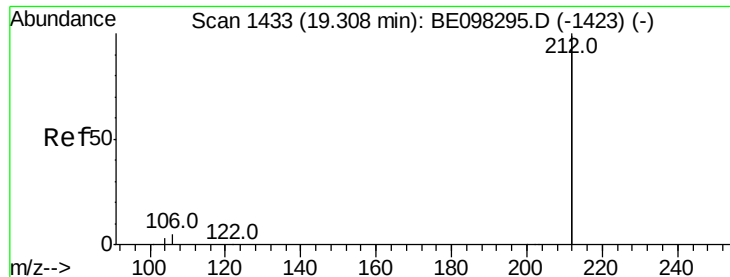
Delta R.T. -0.00 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

Tgt Ion:178	Resp:	3278
Ion Ratio	Lower	Upper
178	100	
176	20.3	15.0 22.4
179	14.9	12.3 18.5





#25

Fluoranthene-d10

Concen: 0.348 ng

RT: 19.30 min Scan# 1432

Delta R.T. -0.01 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

Instrument :

BNA_E

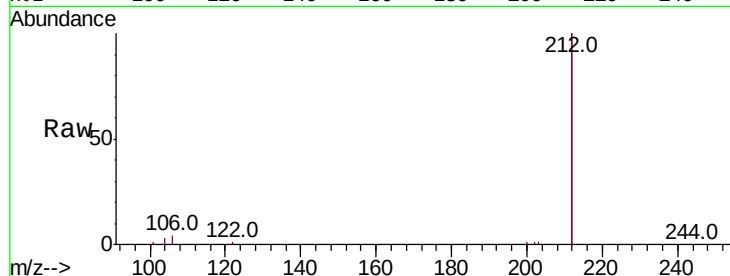
ClientSampleId :

PB115688BS

Tot Ion:	212	Resp:	28368
Ion Ratio	Lower	Upper	
212	100		
106	2.3	2.2	3.2
104	1.4	1.3	1.9

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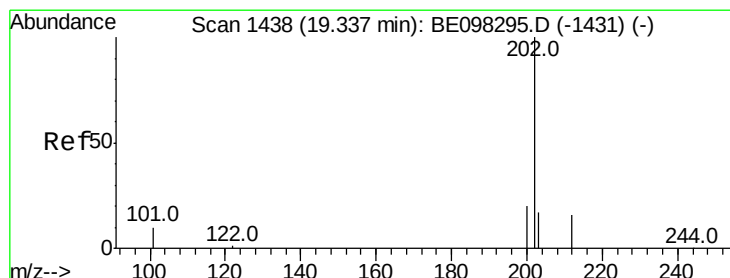
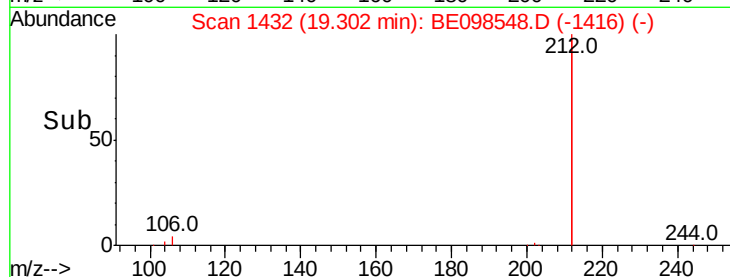
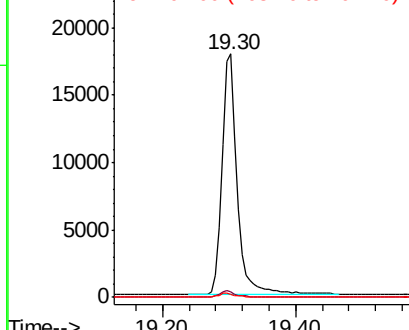


Abundance

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: 0.335 ng

RT: 19.33 min Scan# 1437

Delta R.T. -0.01 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

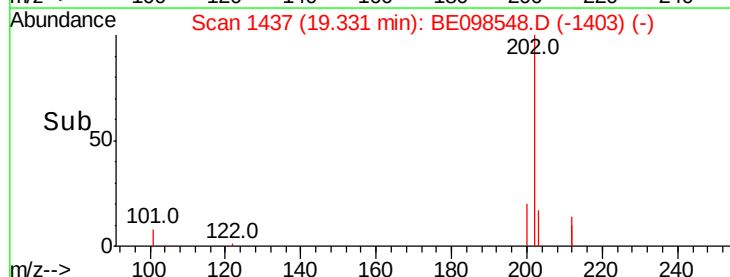
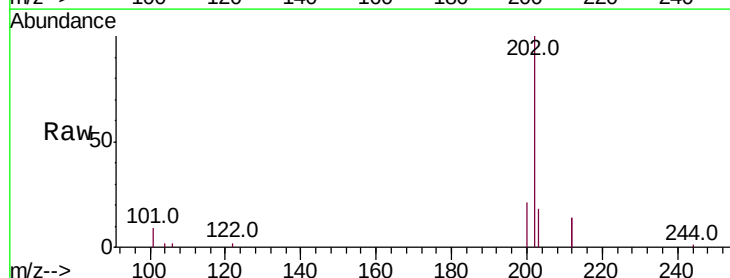
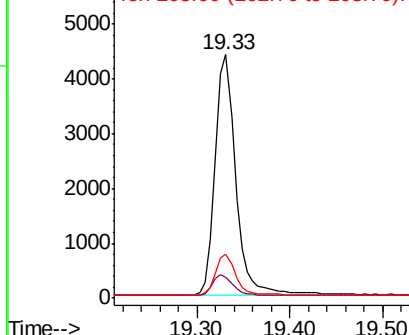
Tgt Ion:	202	Resp:	6858
Ion Ratio	Lower	Upper	
202	100		
101	8.7	8.0	12.0
203	16.2	13.8	20.6

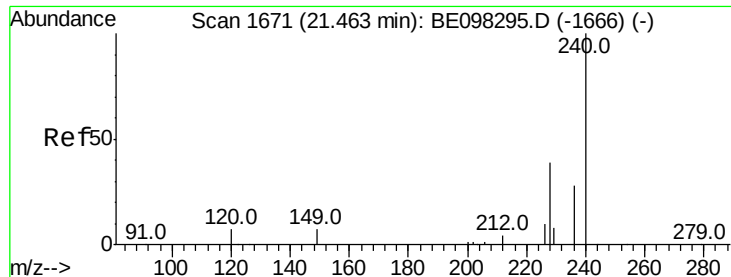
Abundance

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: 21.45 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

Instrument :

BNA_E

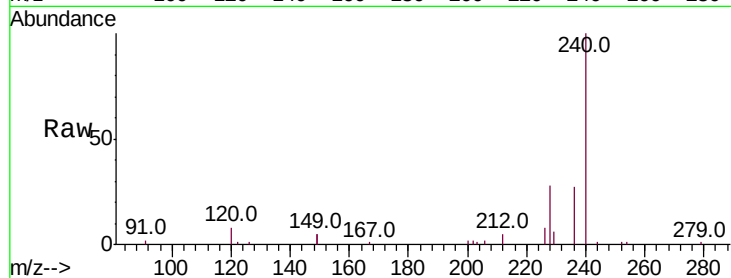
ClientSampleId :

PB115688BS

Tot Ion	Ratio	Lower	Upper
240	100		
120	8.3	9.5	14.3#
236	27.4	22.7	34.1

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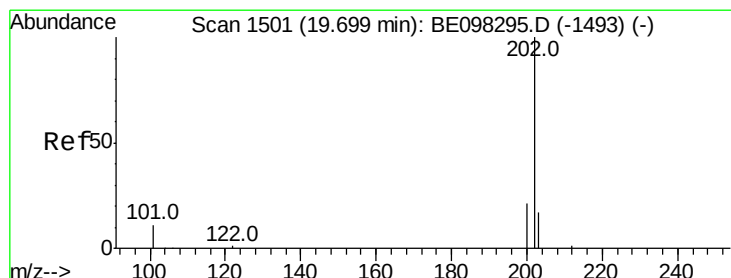
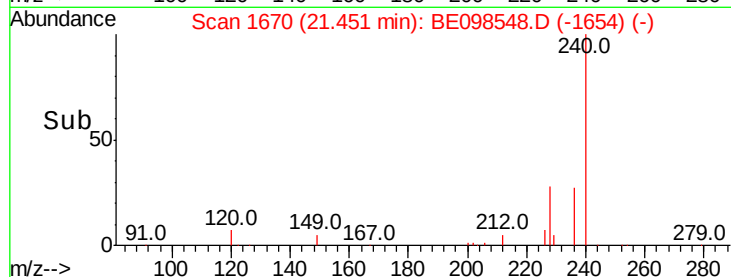
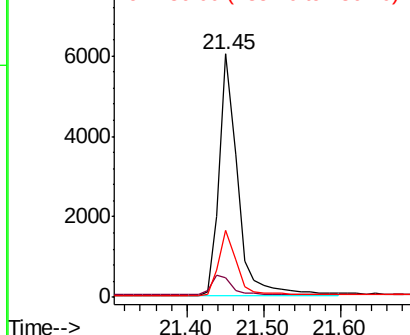


Abundance

Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#28

Pyrene

Concen: 0.226 ng

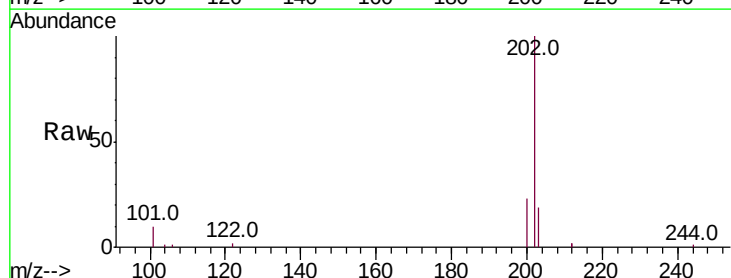
RT: 19.69 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.5	16.7	25.1
203	17.7	14.1	21.1

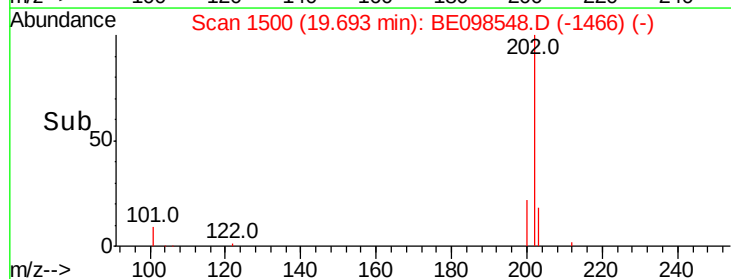
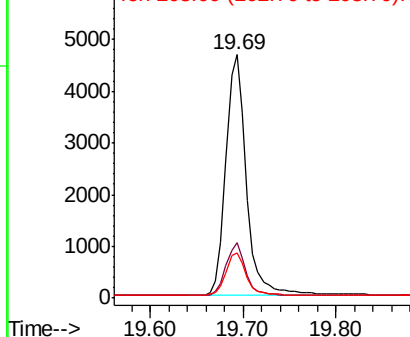


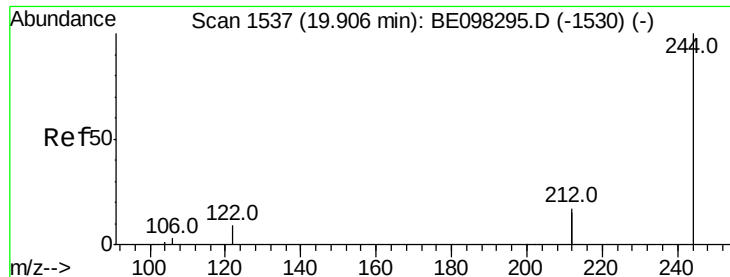
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#29

Terphenyl-d14

Concen: 0.247 ng

RT: 19.89 min Scan# 1535

Delta R.T. -0.01 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

Instrument :

BNA_E

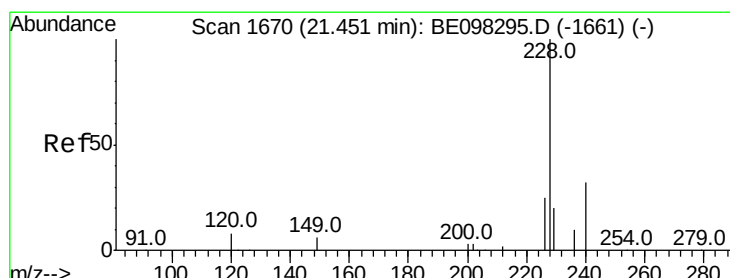
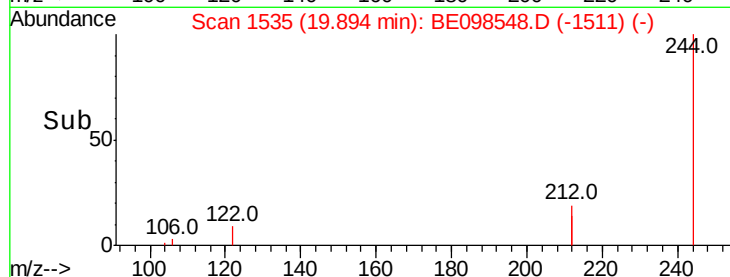
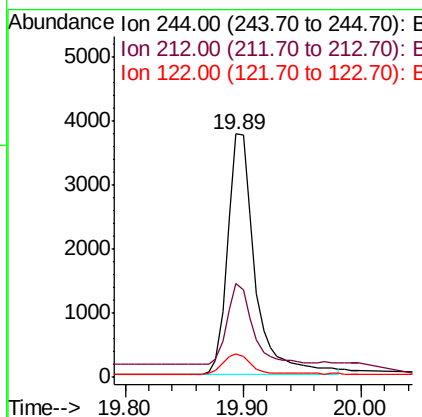
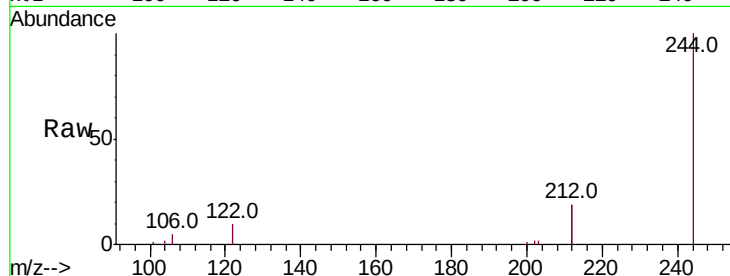
ClientSampleId :

PB115688BS

Tot Ion:	244	Resp:	6041
Ion Ratio	Lower	Upper	
244	100		
212	38.5	27.4	41.0
122	9.8	8.3	12.5

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#30

Benzo(a)anthracene

Concen: 0.261 ng

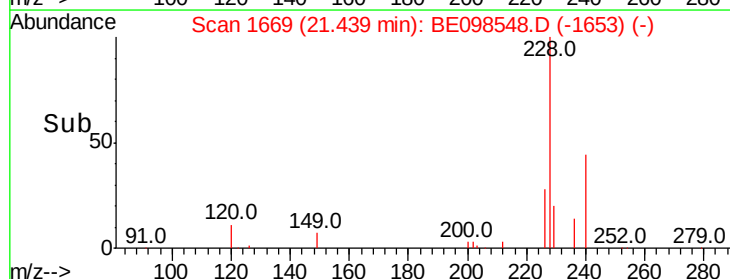
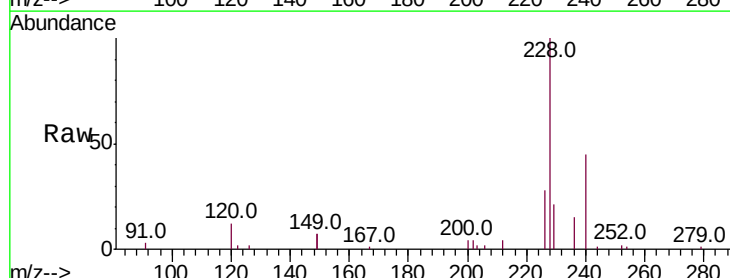
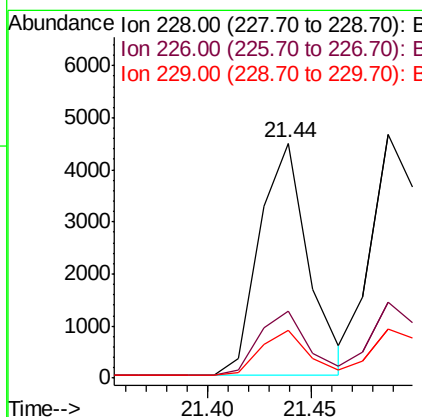
RT: 21.44 min Scan# 1669

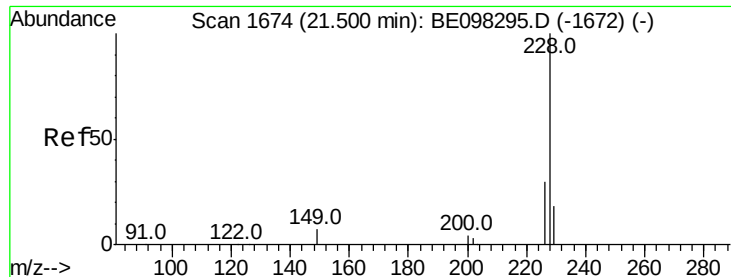
Delta R.T. -0.01 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

Tgt Ion:	228	Resp:	7460
Ion Ratio	Lower	Upper	
228	100		
226	28.4	21.8	32.8
229	20.6	16.3	24.5





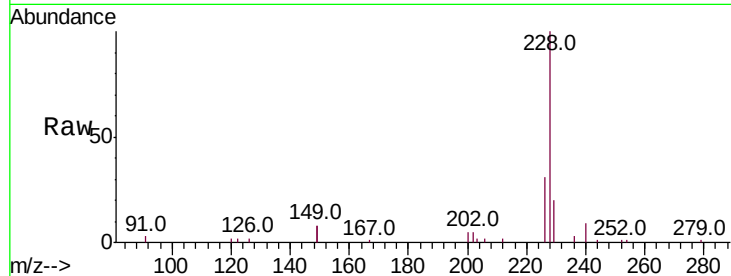
#31
Chrysene
Concen: 0.267 ng
RT: 21.49 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.0
229	20.1	16.2	24.4

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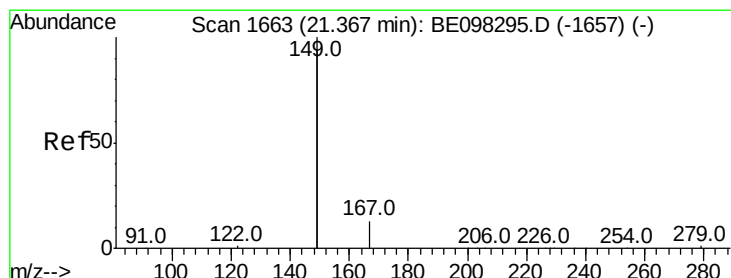
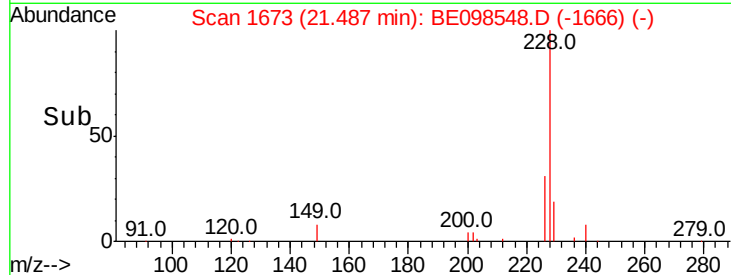
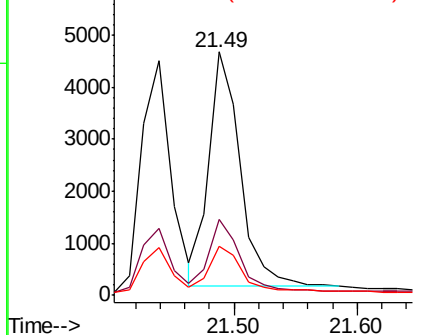


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#32
Bis(2-ethylhexyl)phthalate
Concen: 0.251 ng
RT: 21.35 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

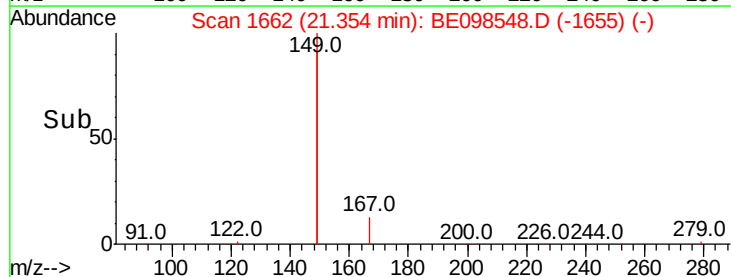
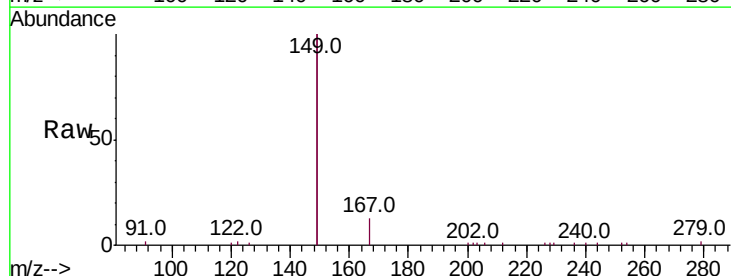
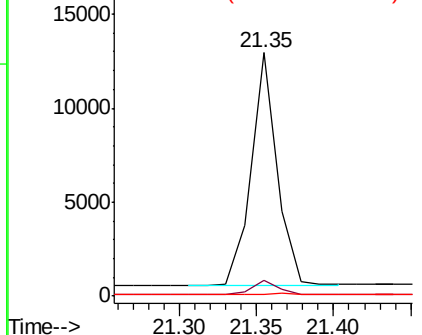
Tgt Ion	Ratio	Lower	Upper
149	100		
167	6.9	5.7	8.5
279	1.0	1.0	1.4

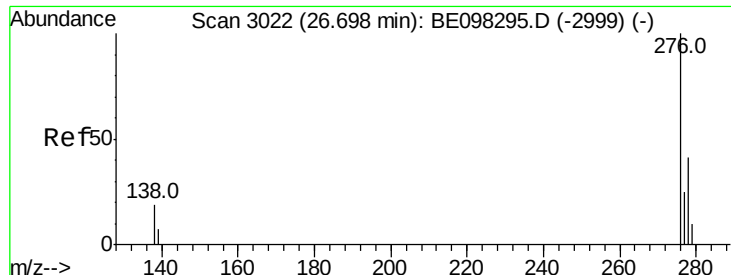
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





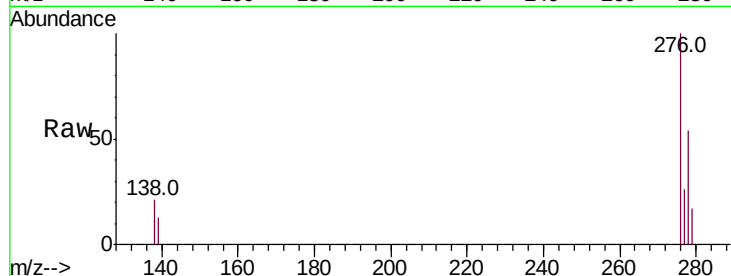
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.236 ng
RT: 26.68 min Scan# 3016
Delta R.T. -0.02 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tot Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.3	24.5
277	24.9	20.2	30.4

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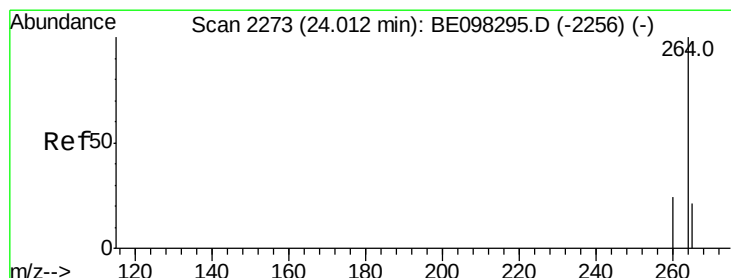
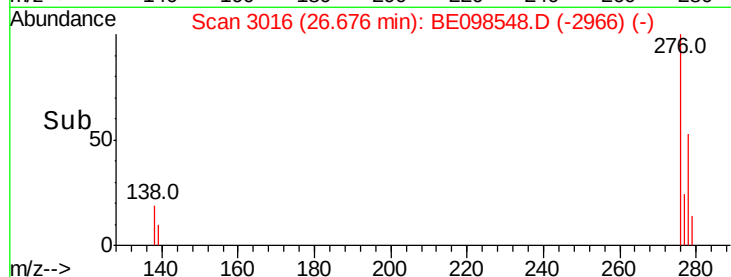
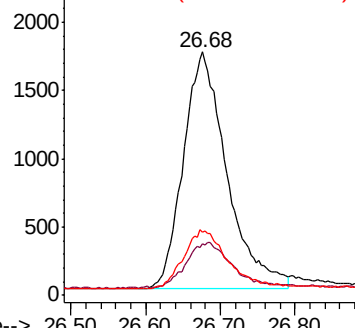


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#34
Perylene-d12
Concen: 0.400 ng
RT: 23.99 min Scan# 2268
Delta R.T. -0.02 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

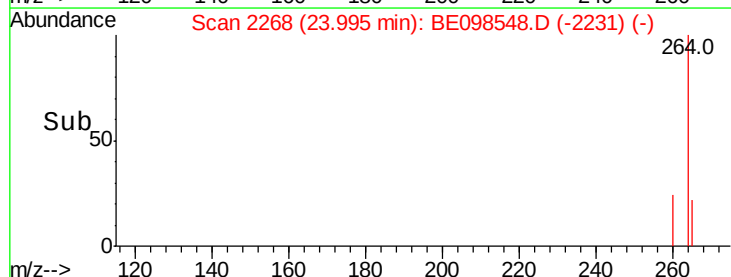
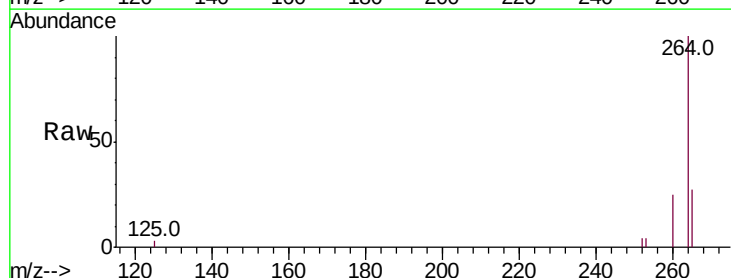
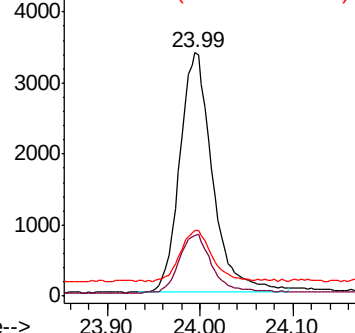
Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	20.2	30.2
265	26.9	25.2	37.8

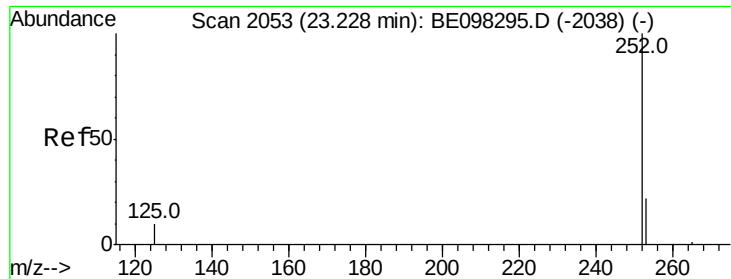
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





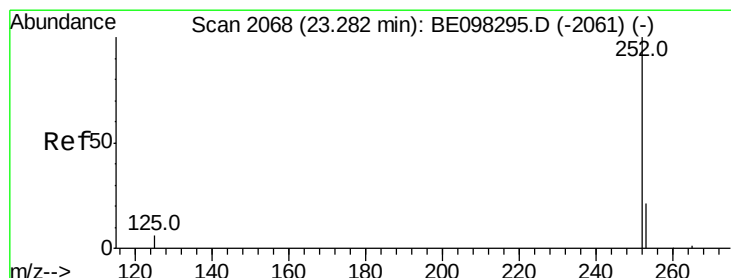
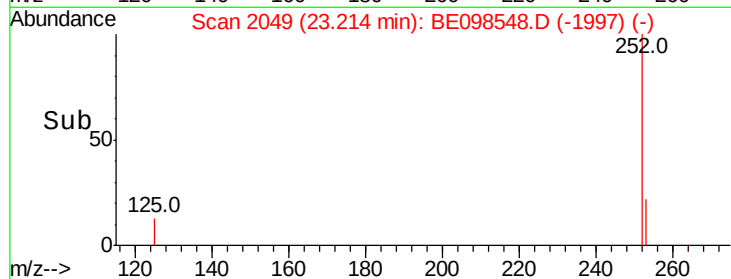
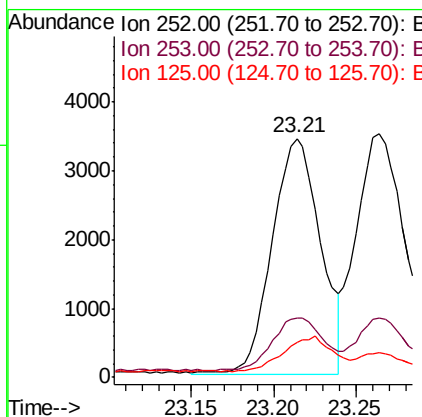
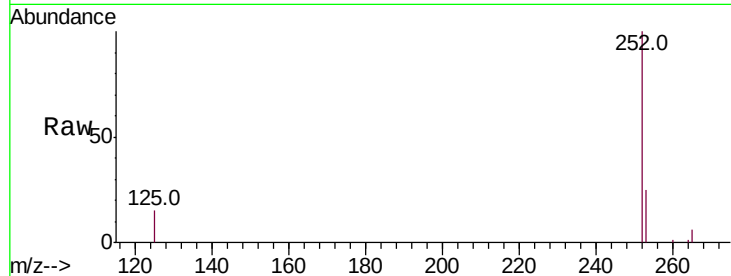
#35
Benzo(b)fluoranthene
Concen: 0.307 ng m
RT: 23.21 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.7	20.0	30.0
125	14.8	9.6	14.4

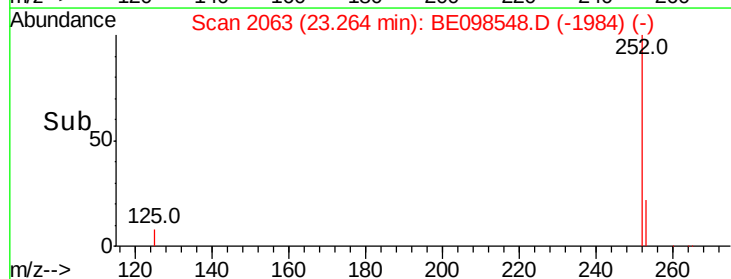
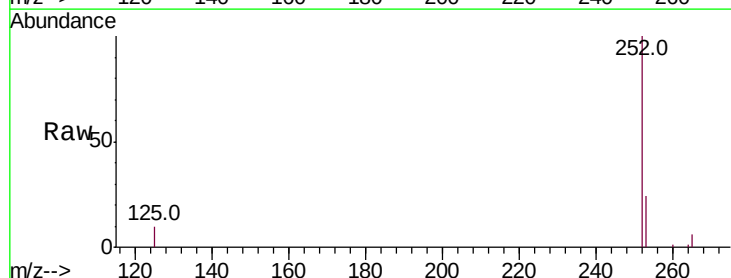
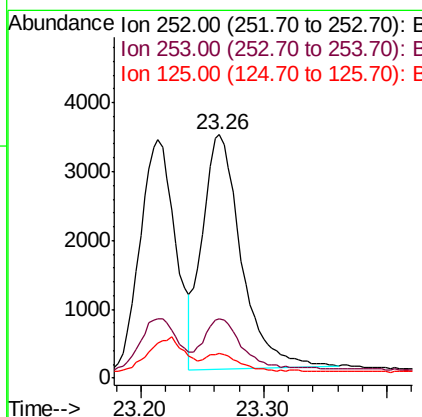
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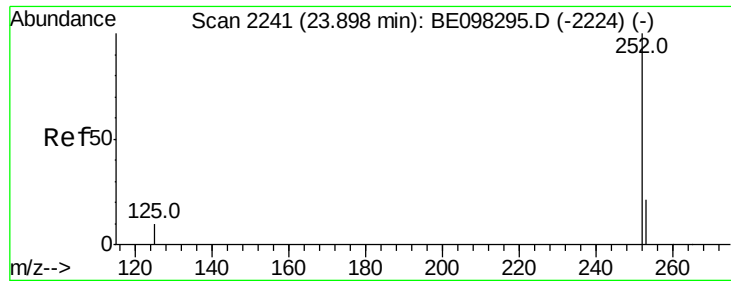
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#36
Benzo(k)fluoranthene
Concen: 0.283 ng
RT: 23.26 min Scan# 2063
Delta R.T. -0.02 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	19.0	28.6
125	10.0	9.1	13.7





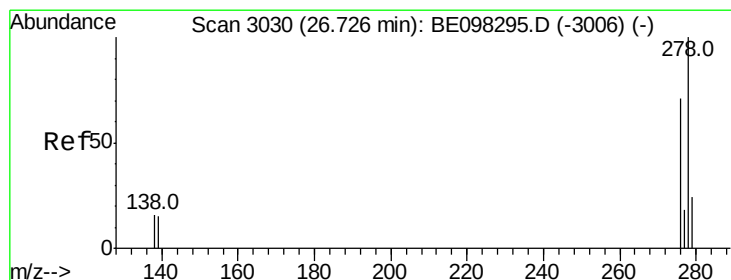
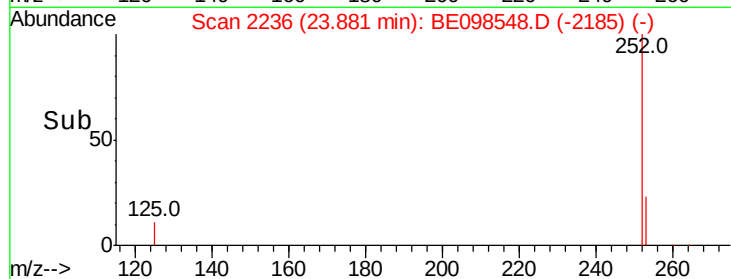
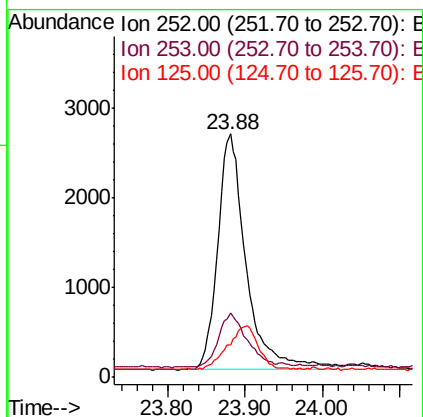
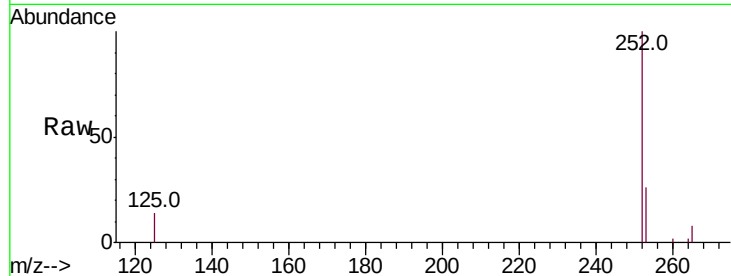
#37
Benzo(a)pyrene
Concen: 0.287 ng
RT: 23.88 min Scan# 2236
Delta R.T. -0.02 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

Instrument :
BNA_E
ClientSampleId :
PB115688BS

Tot Ion:	252	Resp:	6731
Ion Ratio	Lower	Upper	
252	100		
253	26.2	20.6	30.8
125	13.6	10.5	15.7

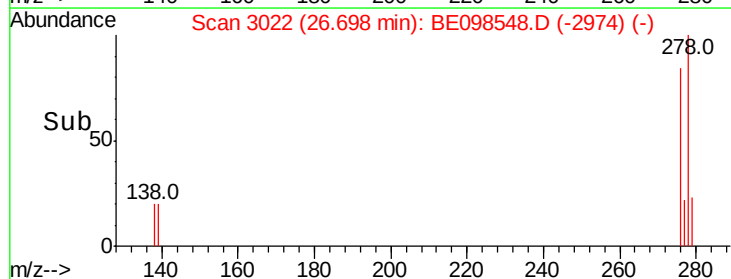
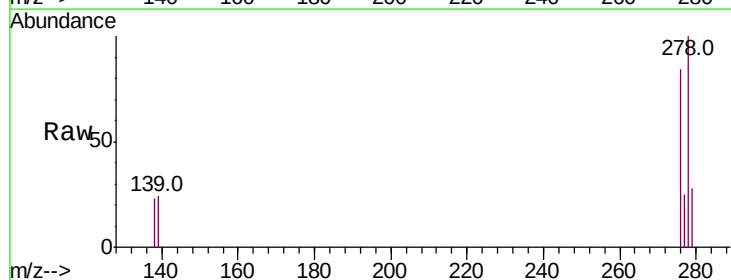
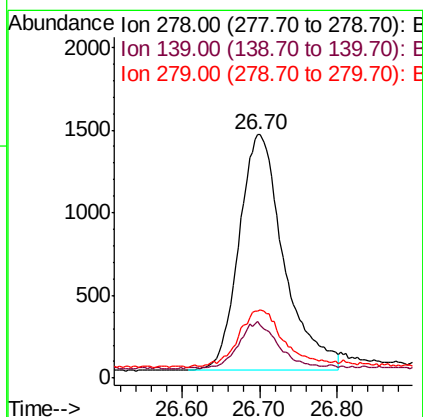
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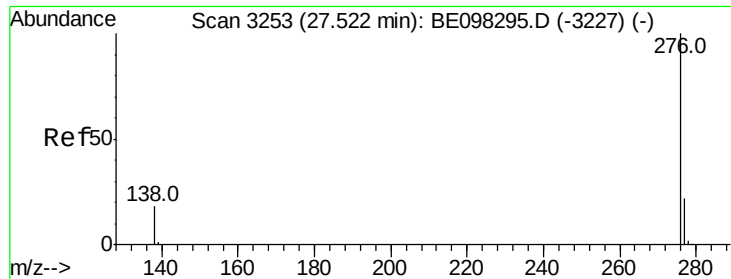
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#38
Dibenzo(a,h)anthracene
Concen: 0.259 ng
RT: 26.70 min Scan# 3022
Delta R.T. -0.03 min
Lab File: BE098548.D
Acq: 21 Dec 2018 10:58

Tgt Ion:	278	Resp:	5723
Ion Ratio	Lower	Upper	
278	100		
139	23.5	14.5	21.7#
279	27.7	21.8	32.8





#39

Benzo(a,h,i)perylene

Concen: 0.278 ng

RT: 27.49 min Scan# 3245

Delta R.T. -0.03 min

Lab File: BE098548.D

Acq: 21 Dec 2018 10:58

Instrument :

BNA_E

ClientSampleId :

PB115688BS

Tot Ion:	276	Resp:	6184
Ion Ratio	Lower	Upper	
276	100		
277	26.0	20.8	31.2
138	19.4	15.8	23.6

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